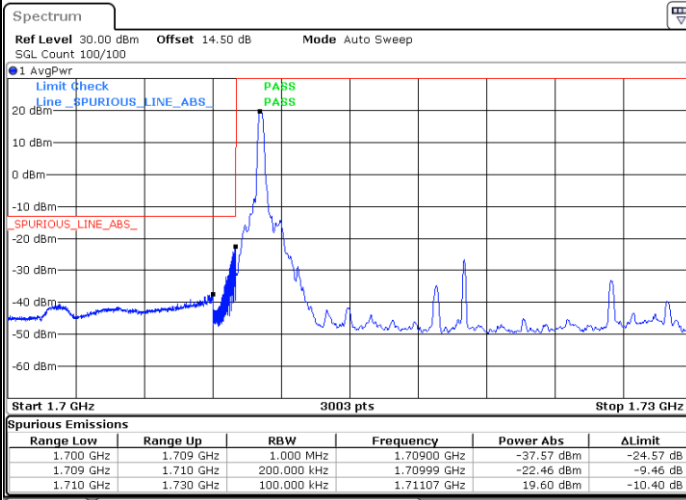




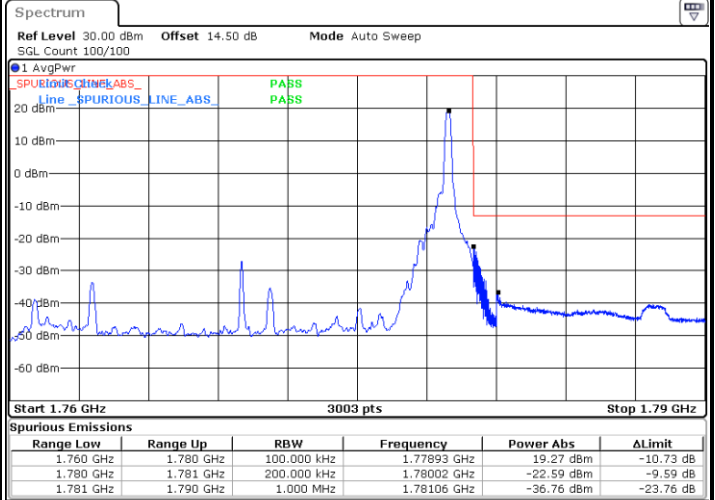
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



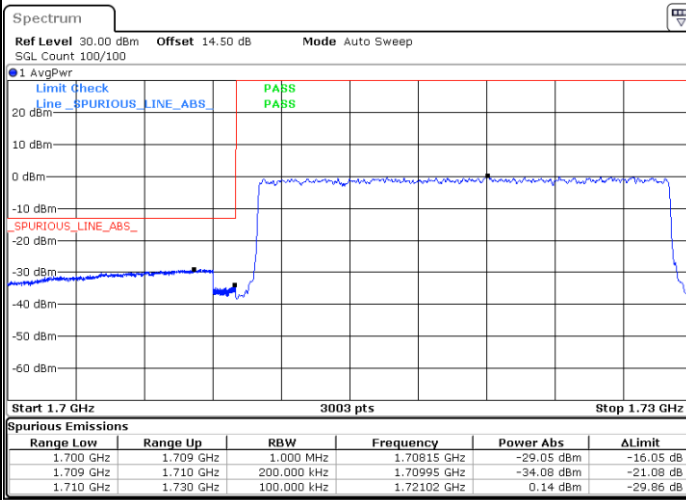
Date: 21.JUN.2024 15:15:36

Highest Band Edge / 1 RB



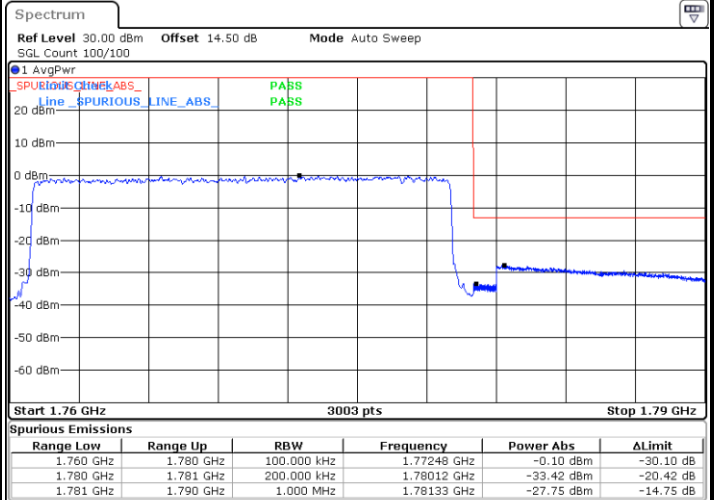
Date: 21.JUN.2024 15:26:44

Lowest Band Edge / Full RB



Date: 21.JUN.2024 15:18:40

Highest Band Edge / Full RB

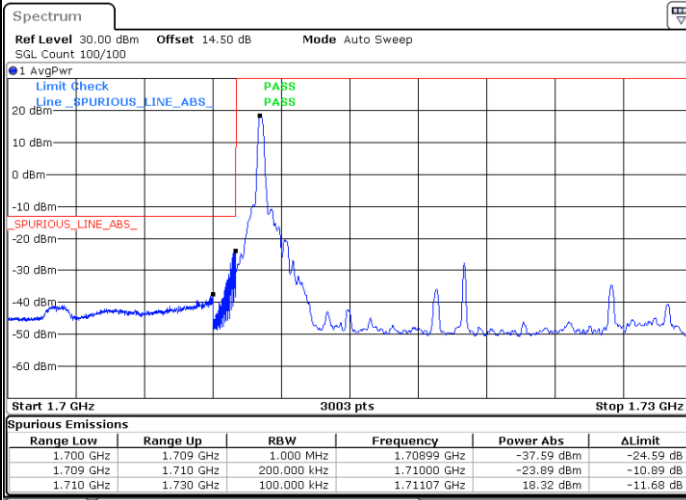


Date: 21.JUN.2024 15:29:49



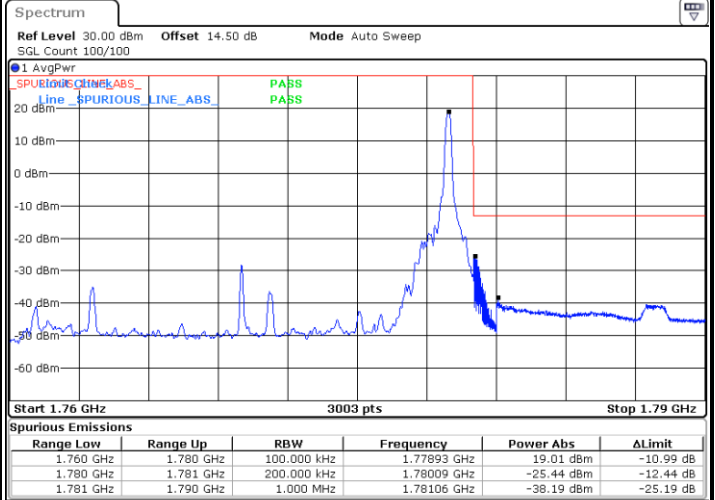
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



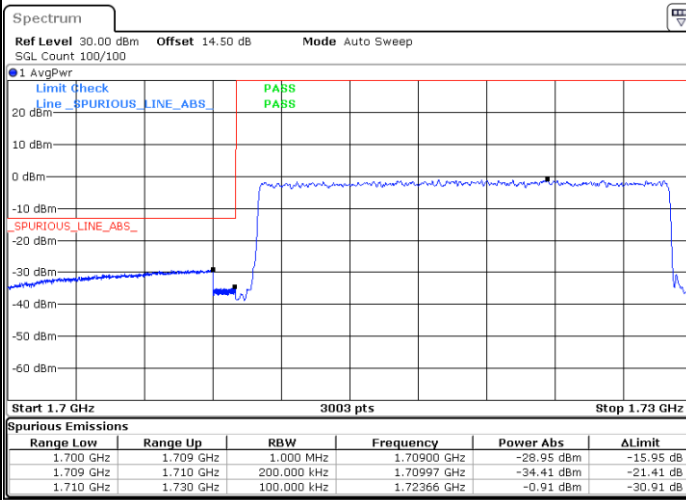
Date: 21.JUN.2024 15:16:37

Highest Band Edge / 1 RB



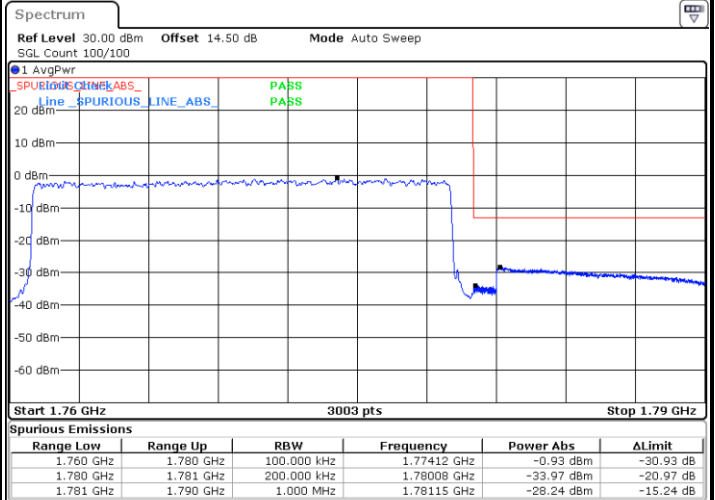
Date: 21.JUN.2024 15:27:45

Lowest Band Edge / Full RB



Date: 21.JUN.2024 15:19:42

Highest Band Edge / Full RB



Date: 21.JUN.2024 15:30:50

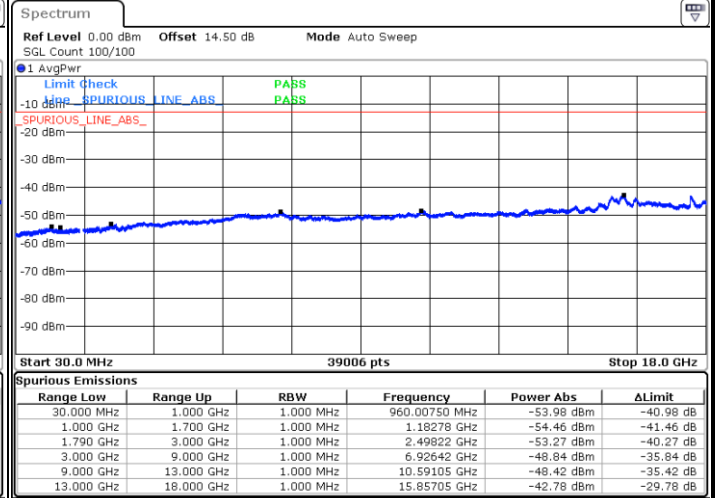
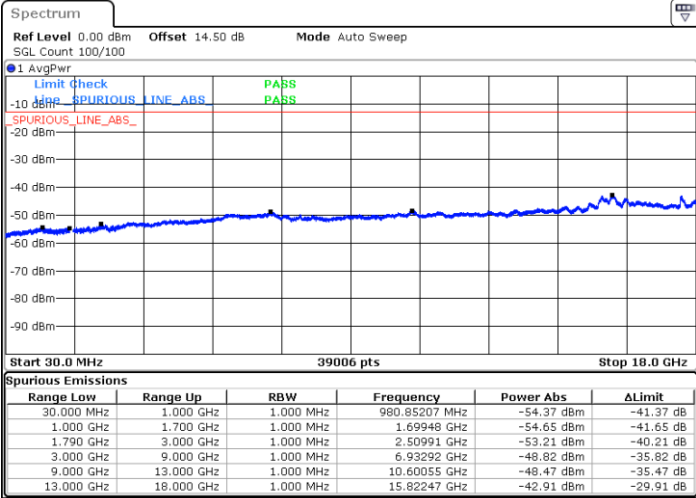


Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

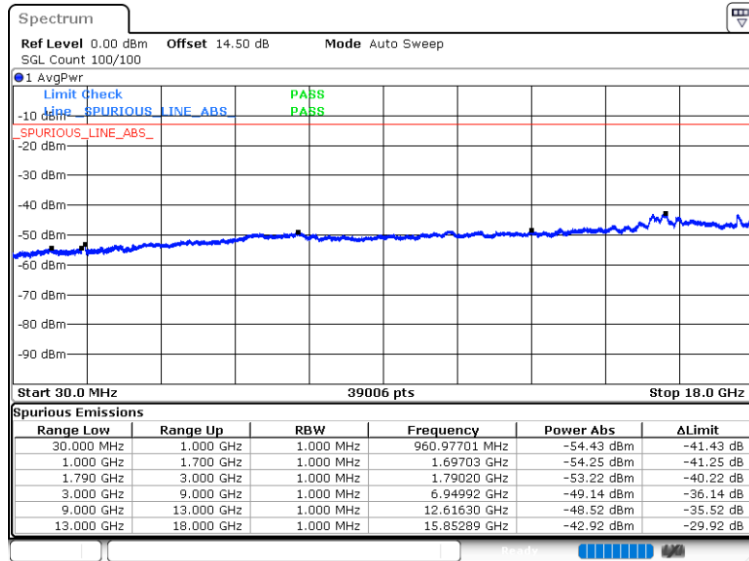
Middle Channel / QPSK



Date: 21 JUN.2024 13:31:20

Date: 21 JUN.2024 13:35:30

Highest Channel / QPSK



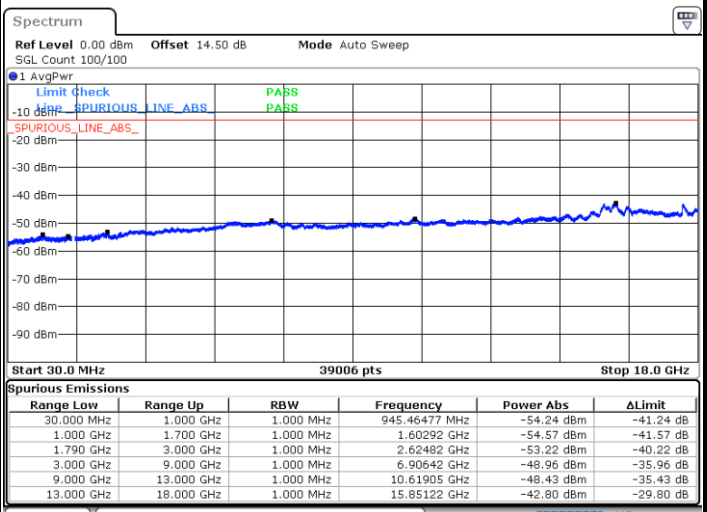
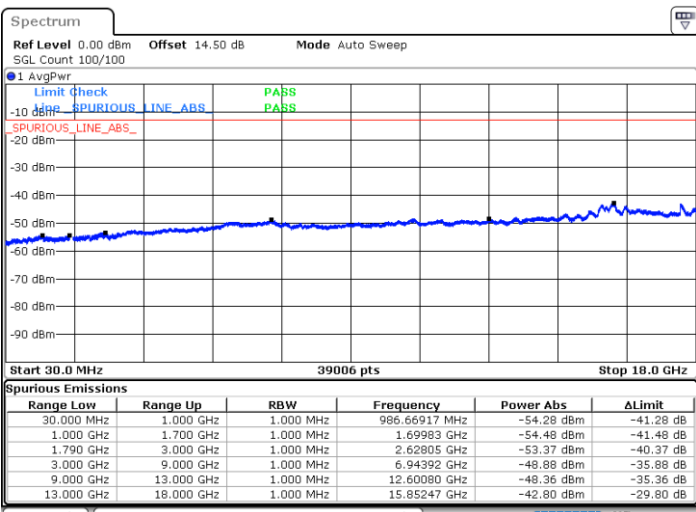
Date: 21 JUN.2024 13:41:03



LTE Band 66 / 3MHz

Lowest Channel / QPSK

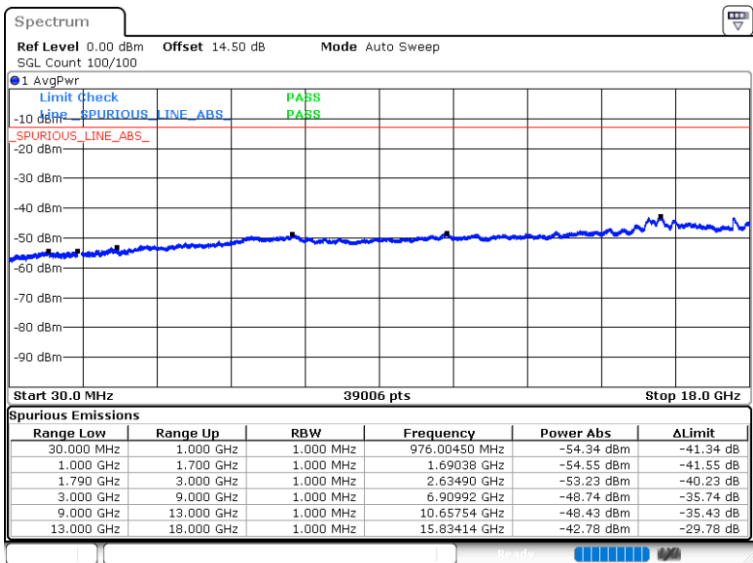
Middle Channel / QPSK



Date: 21 JUN.2024 13:49:39

Date: 21 JUN.2024 13:53:51

Highest Channel / QPSK



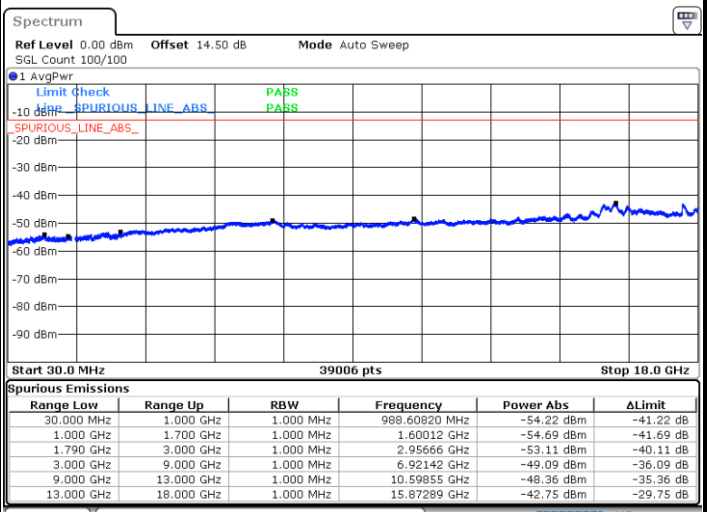
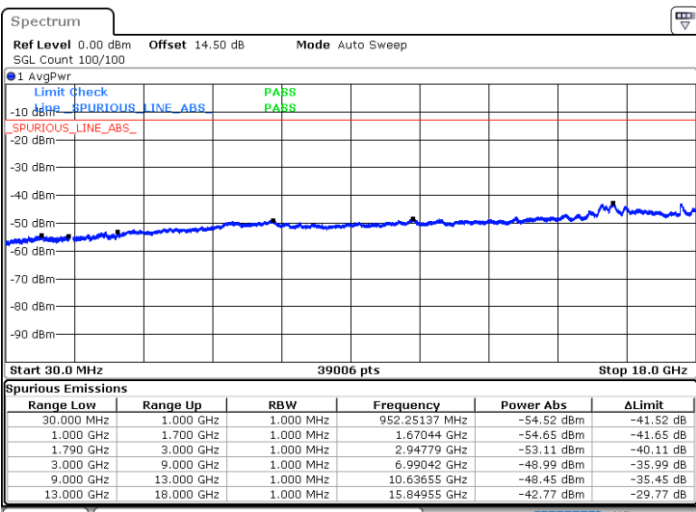
Date: 21 JUN.2024 14:02:28



LTE Band 66 / 5MHz

Lowest Channel / QPSK

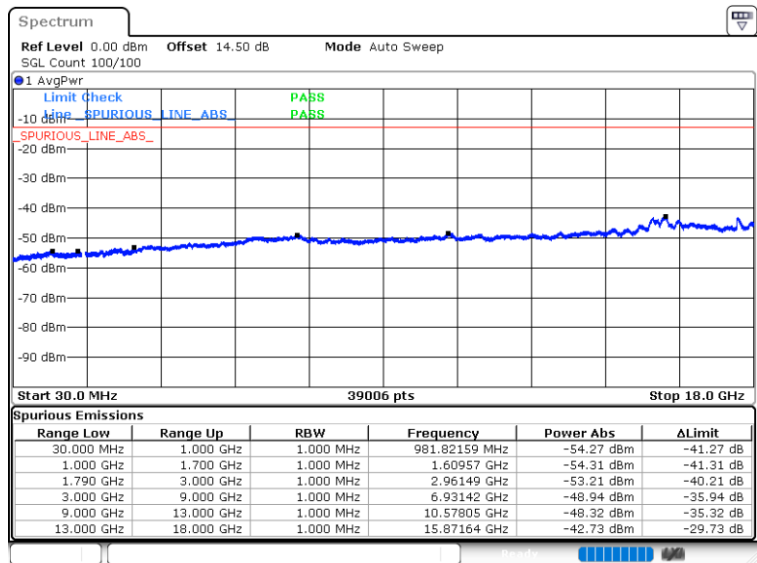
Middle Channel / QPSK



Date: 21.JUN.2024 14:07:27

Date: 21.JUN.2024 14:11:38

Highest Channel / QPSK



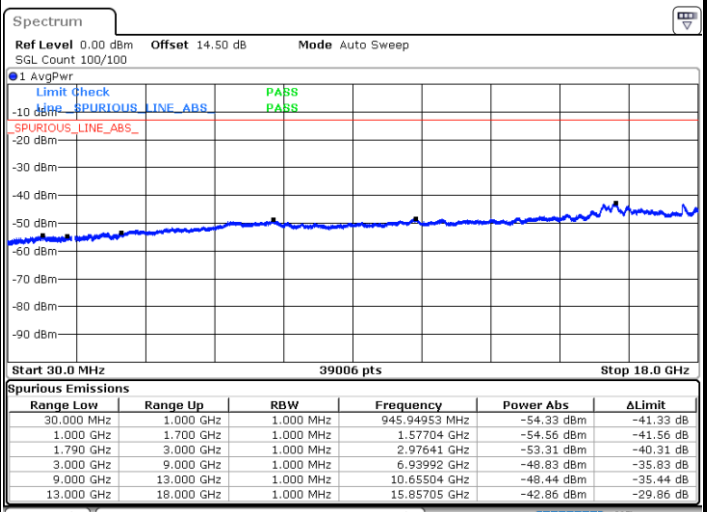
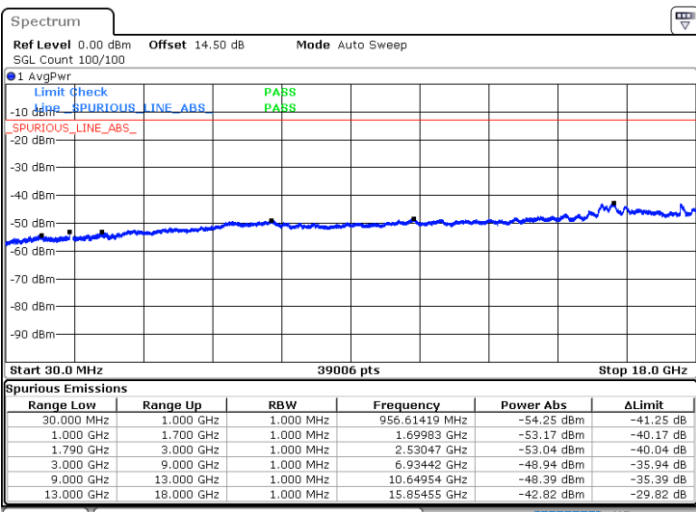
Date: 21.JUN.2024 14:37:11



LTE Band 66 / 10MHz

Lowest Channel / QPSK

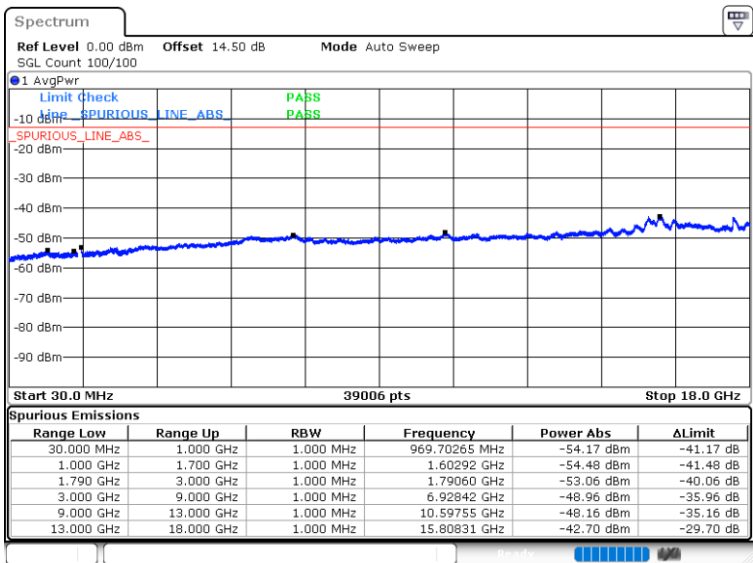
Middle Channel / QPSK



Date: 21.JUN.2024 14:45:14

Date: 21.JUN.2024 14:46:20

Highest Channel / QPSK



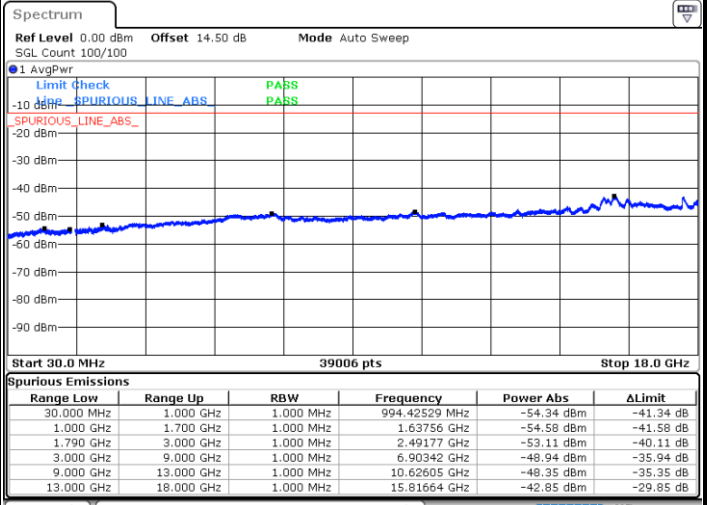
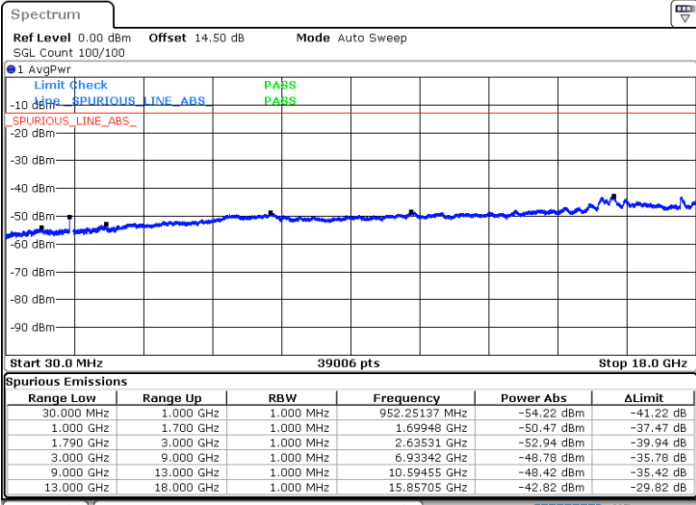
Date: 21.JUN.2024 14:54:58



LTE Band 66 / 15MHz

Lowest Channel / QPSK

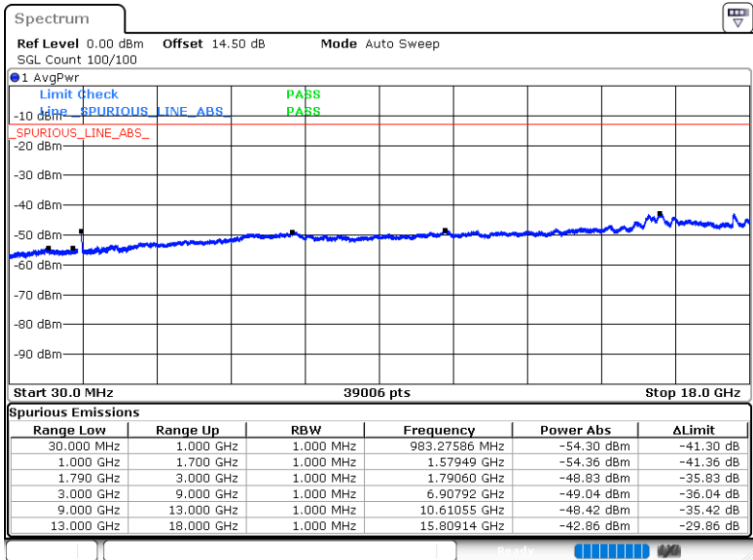
Middle Channel / QPSK



Date: 21 JUN.2024 15:03:01

Date: 21 JUN.2024 15:04:07

Highest Channel / QPSK



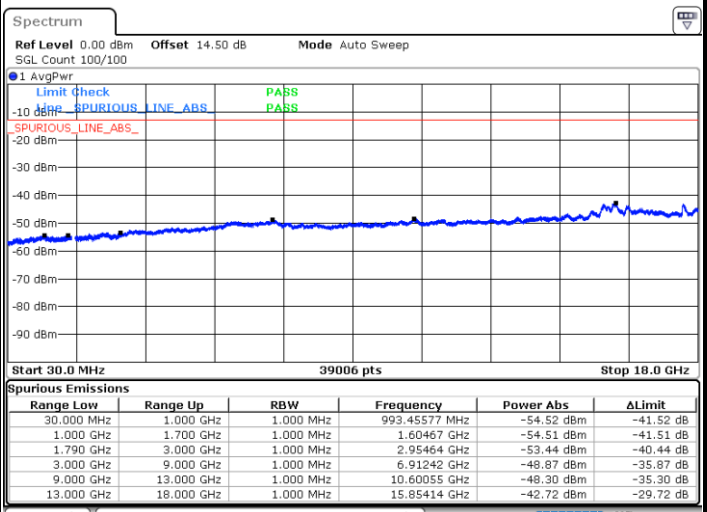
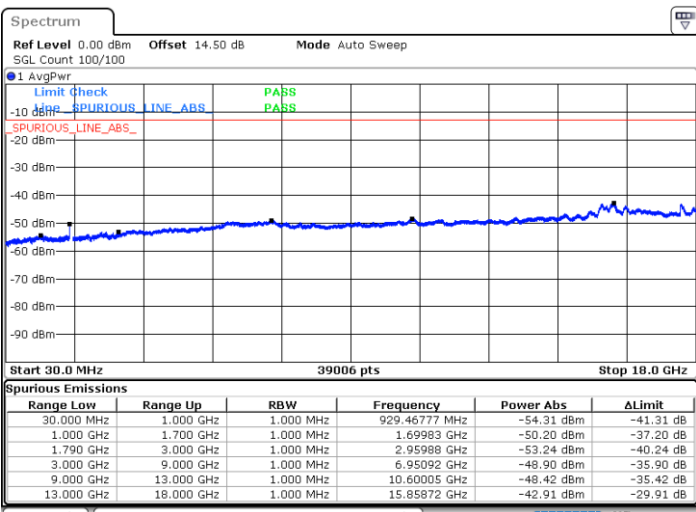
Date: 21 JUN.2024 15:12:45



LTE Band 66 / 20MHz

Lowest Channel / QPSK

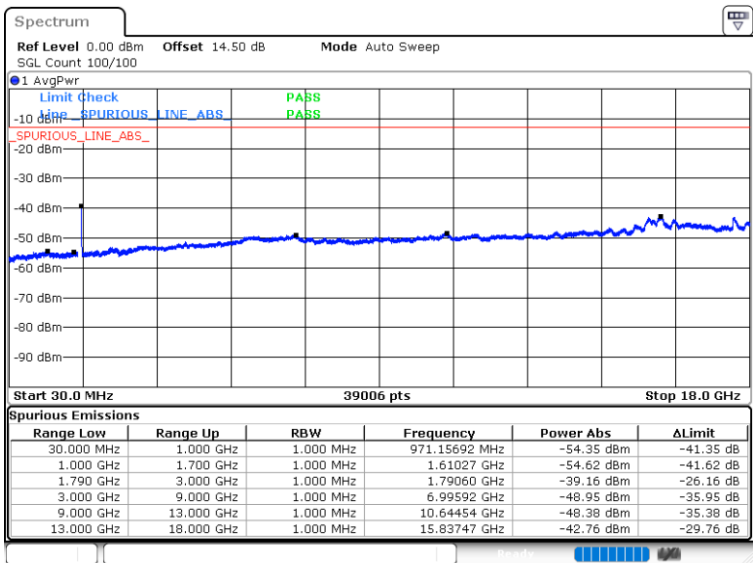
Middle Channel / QPSK



Date: 21 JUN.2024 15:20:48

Date: 21 JUN.2024 15:21:53

Highest Channel / QPSK



Date: 21 JUN.2024 15:31:56



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	0.0001	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.5 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%

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

LTE Band 2 / 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	3742.18	-57.40	-13	-44.40	-80.44	-64.15	5.85	12.60	H
	5613.27	-57.44	-13	-44.44	-82.02	-63.24	7.30	13.10	H
	7484.36	-54.90	-13	-41.90	-81.98	-58.05	8.35	11.50	H
	3742.18	-55.49	-13	-42.49	-80.54	-62.24	5.85	12.60	V
	5613.27	-56.38	-13	-43.38	-81.81	-62.18	7.30	13.10	V
	7484.36	-54.72	-13	-41.72	-81.78	-57.87	8.35	11.50	V

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

LTE Band 12 / 10MHz / QPSK / Ant.1									
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	-65.40	-13	-52.40	-76.66	-68.65	4.00	9.40	H
	2109	-60.58	-13	-47.58	-78.73	-64.15	4.88	10.60	H
	2812	-60.39	-13	-47.39	-79.83	-65.32	5.52	12.60	H
	1406	-64.85	-13	-51.85	-77.17	-68.10	4.00	9.40	V
	2109	-57.67	-13	-44.67	-75.61	-61.24	4.88	10.60	V
	2812	-59.34	-13	-46.34	-79.59	-64.27	5.52	12.60	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	-64.41	-42.15	-22.26	-76.19	-67.66	4.00	9.40	H
	2339.25	-60.25	-13	-47.25	-78.86	-63.82	4.88	10.60	H
	3119	-58.98	-13	-45.98	-79.30	-63.91	5.52	12.60	H
	1559.5	-62.50	-42.15	-20.35	-74.90	-65.75	4.00	9.40	V
	2339.25	-59.64	-13	-46.64	-78.62	-63.21	4.88	10.60	V
	3119	-57.08	-13	-44.08	-79.20	-62.01	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	-64.11	-42.15	-21.96	-75.89	-67.36	4.00	9.40	H
	2339.25	-60.22	-13	-47.22	-78.83	-63.79	4.88	10.60	H
	3119	-59.08	-13	-46.08	-79.40	-64.01	5.52	12.60	H
	1559.5	-64.21	-42.15	-22.06	-76.61	-67.46	4.00	9.40	V
	2339.25	-59.96	-13	-46.96	-78.94	-63.53	4.88	10.60	V
	3119	-56.82	-13	-43.82	-78.94	-61.75	5.52	12.60	V

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

LTE Band 26 / 15MHz / QPSK / Ant.1									
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	1659.5	-65.38	-13	-52.38	-77.58	-68.63	4.00	9.40	H
	2489.25	-56.69	-13	-43.69	-76.07	-60.26	4.88	10.60	H
	3319	-59.52	-13	-46.52	-80.67	-64.45	5.52	12.60	H
	1659.5	-64.91	-13	-51.91	-77.78	-68.16	4.00	9.40	V
	2489.25	-49.32	-13	-36.32	-68.96	-52.89	4.88	10.60	V
	3319	-58.85	-13	-45.85	-80.70	-63.78	5.52	12.60	V

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

LTE Band 66 / 10MHz / 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	3472	-58.80	-13	-45.80	-81.05	-65.65	5.65	12.50	H
	5208	-56.72	-13	-43.72	-81.63	-62.39	7.13	12.80	H
	6944	-55.48	-13	-42.48	-81.81	-58.88	8.40	11.80	H
	3472	-58.01	-13	-45.01	-80.06	-64.86	5.65	12.50	V
	5208	-56.45	-13	-43.45	-81.53	-62.12	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.