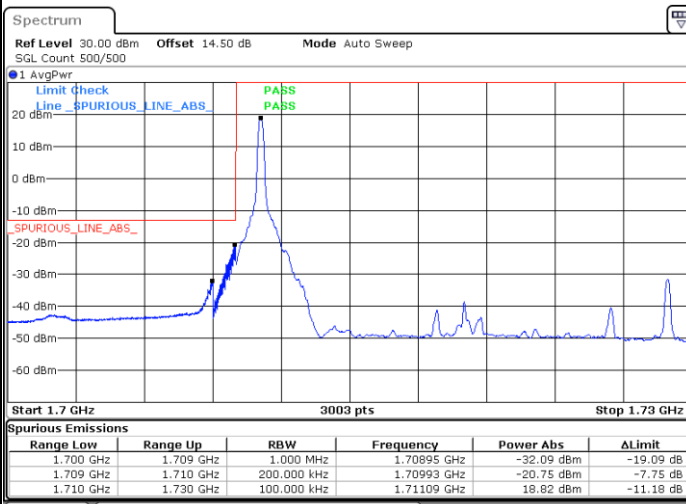




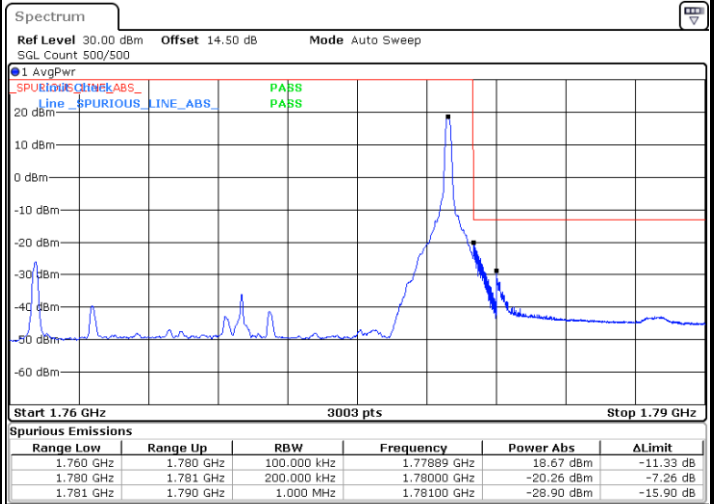
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



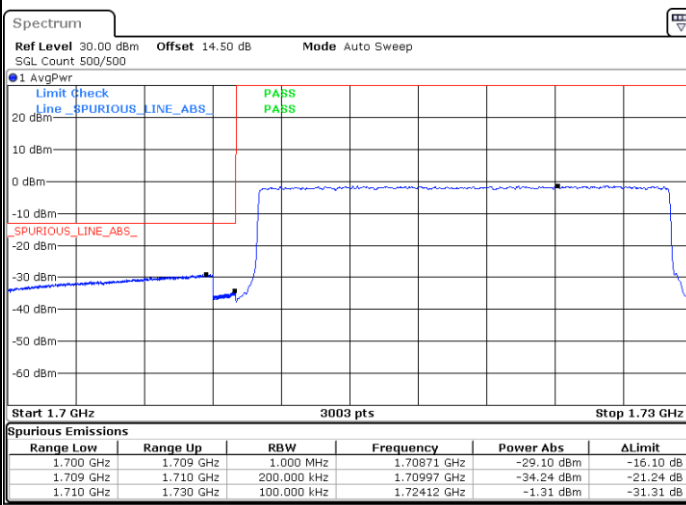
Date: 20.OCT.2023 21:12:33

Highest Band Edge / 1 RB



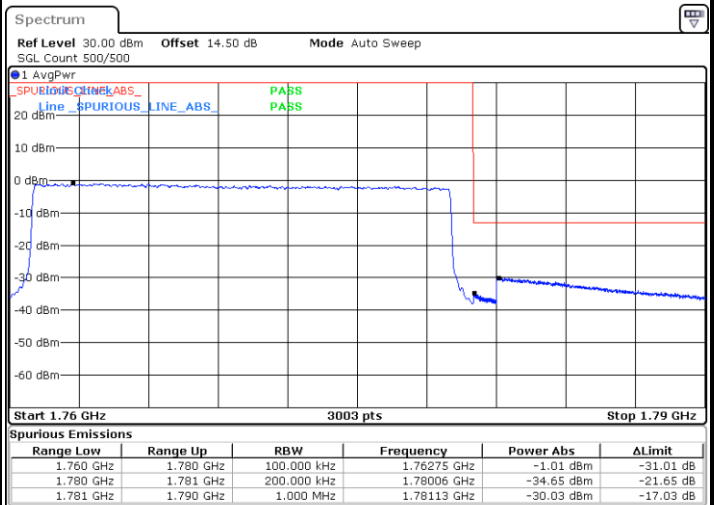
Date: 20.OCT.2023 21:20:29

Lowest Band Edge / Full RB



Date: 20.OCT.2023 21:15:49

Highest Band Edge / Full RB

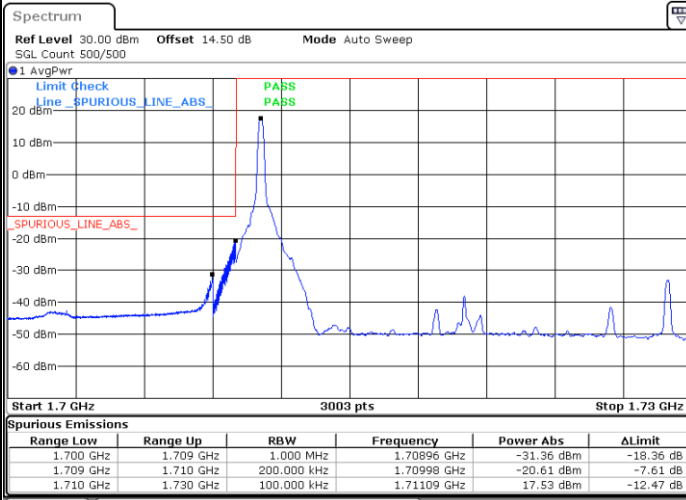


Date: 20.OCT.2023 21:23:45



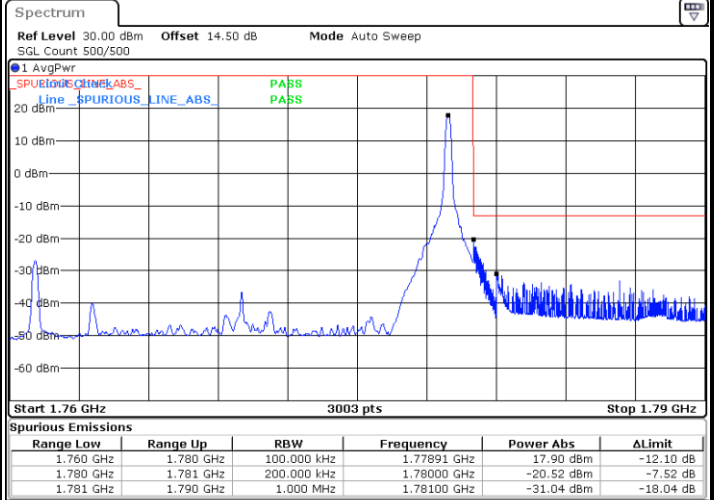
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



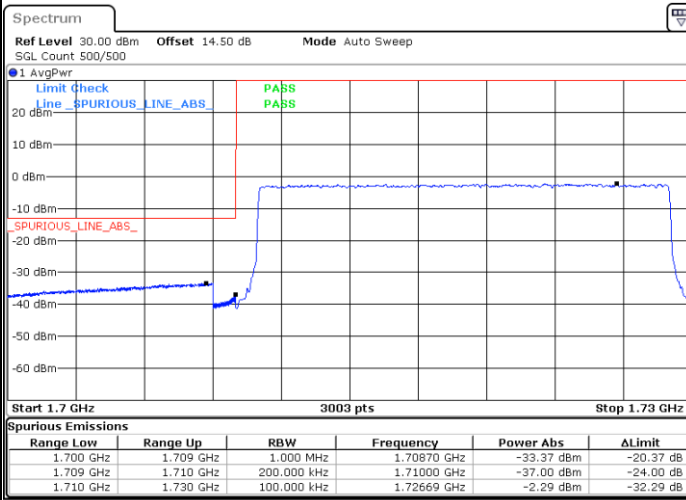
Date: 20.OCT.2023 21:13:38

Highest Band Edge / 1 RB



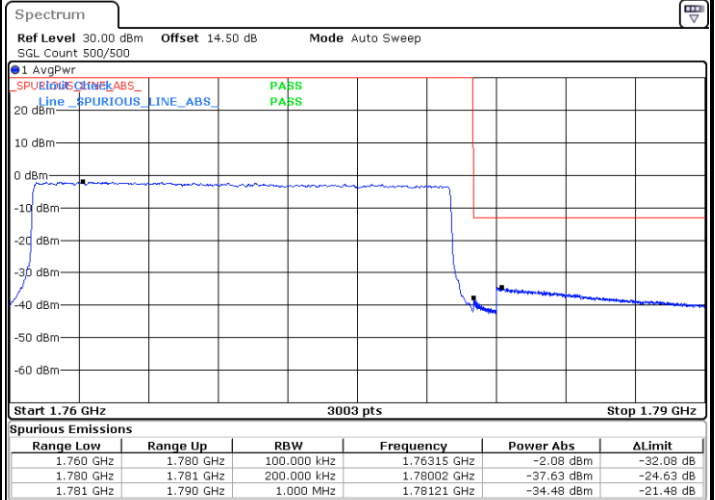
Date: 20.OCT.2023 21:21:35

Lowest Band Edge / Full RB



Date: 20.OCT.2023 21:16:54

Highest Band Edge / Full RB



Date: 20.OCT.2023 21:24:51

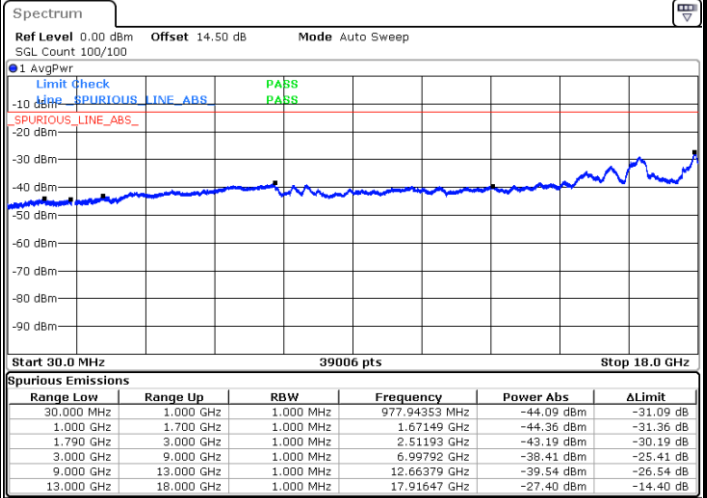
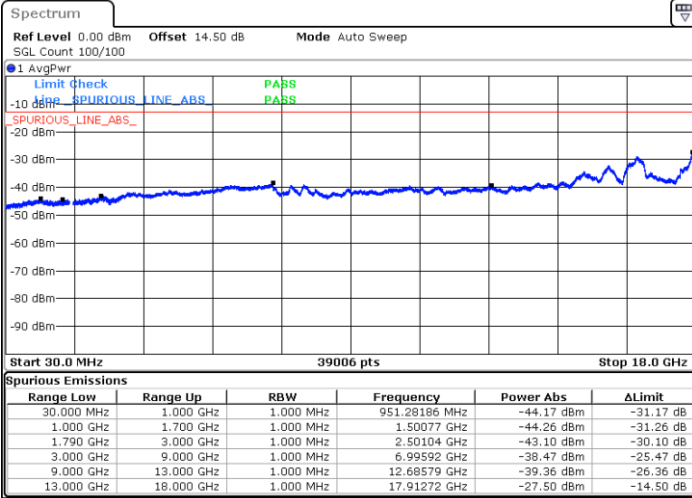


# Conducted Spurious Emission

## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK

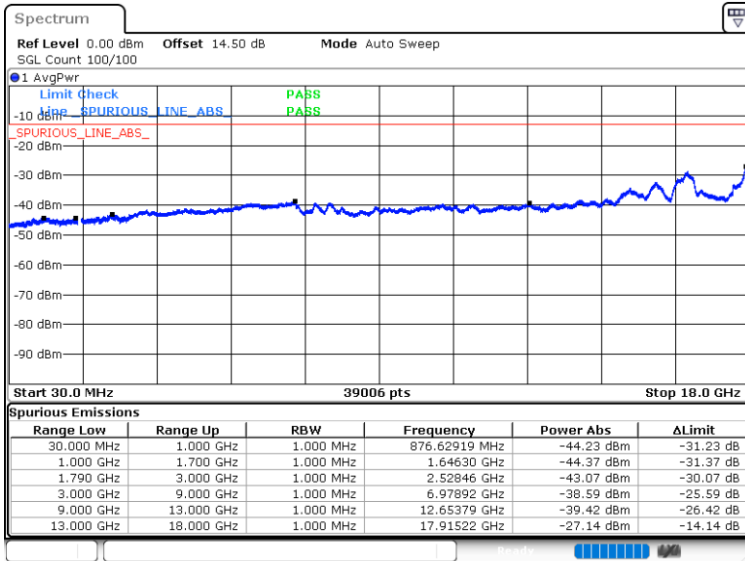
### Middle Channel / QPSK



Date: 20.OCT.2023 17:55:46

Date: 20.OCT.2023 17:50:29

### Highest Channel / QPSK



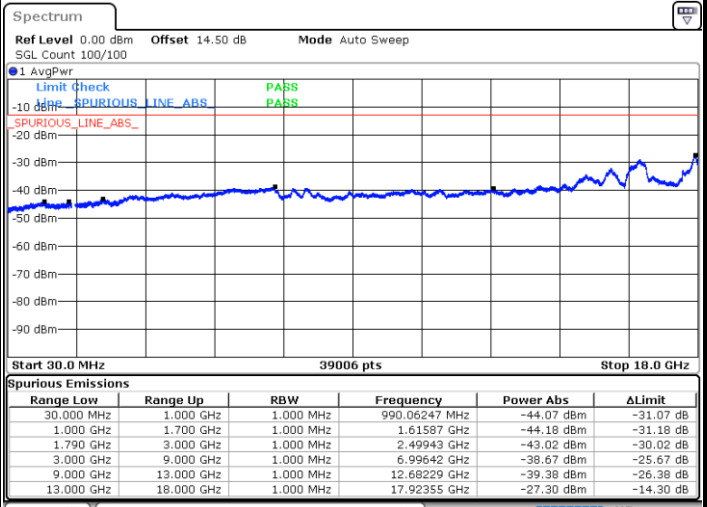
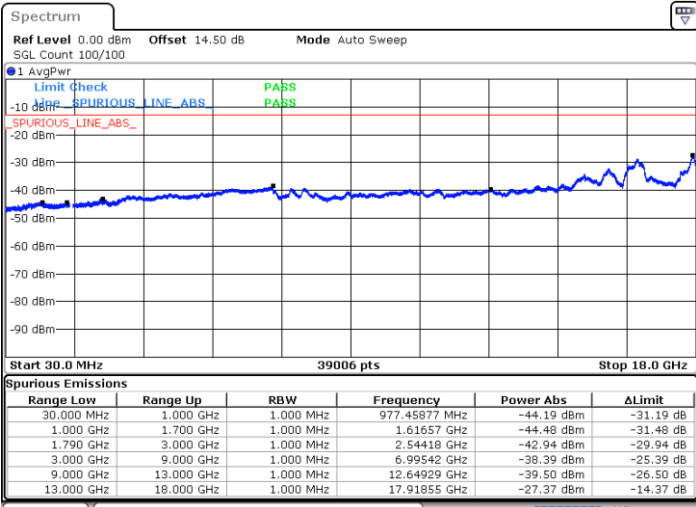
Date: 20.OCT.2023 18:04:25



LTE Band 66 / 3MHz

Lowest Channel / QPSK

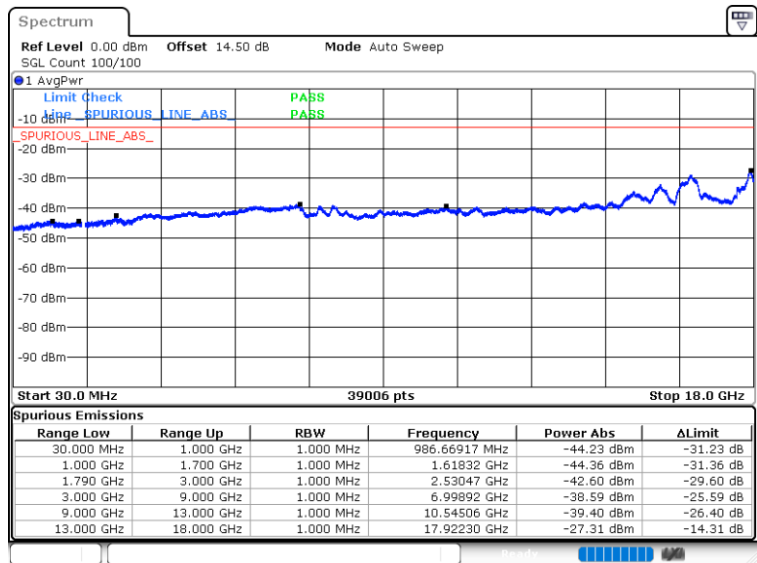
Middle Channel / QPSK



Date: 20.OCT.2023 18:31:01

Date: 20.OCT.2023 18:25:30

Highest Channel / QPSK



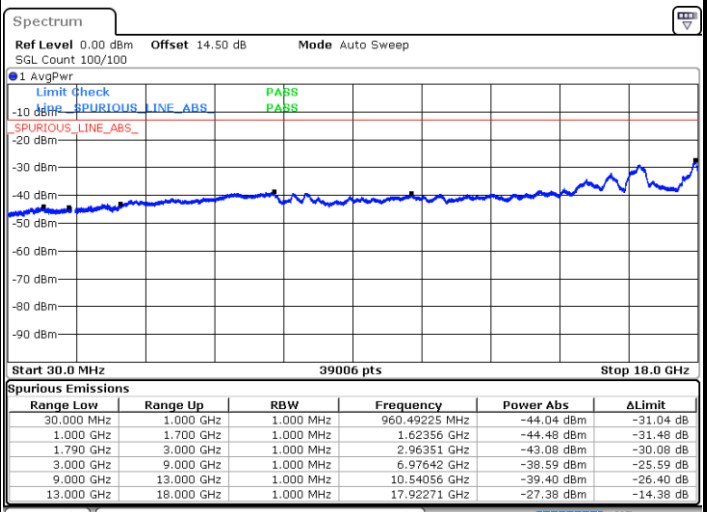
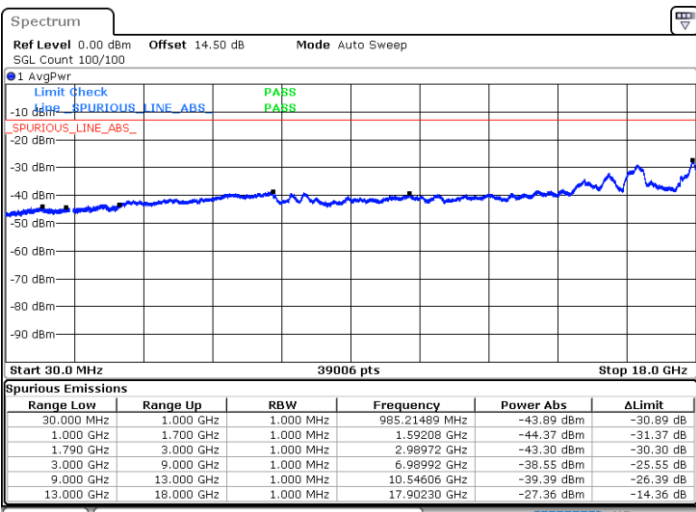
Date: 20.OCT.2023 18:52:58



LTE Band 66 / 5MHz

Lowest Channel / QPSK

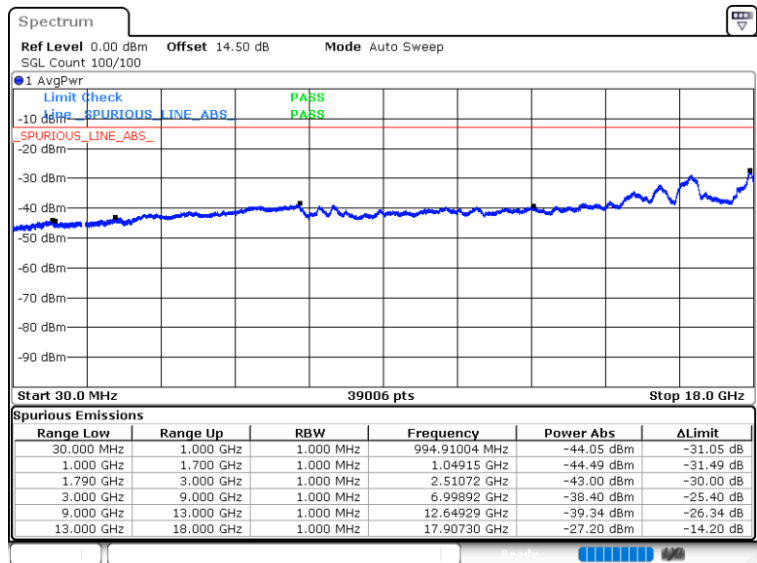
Middle Channel / QPSK



Date: 20.OCT.2023 19:05:58

Date: 20.OCT.2023 19:06:38

Highest Channel / QPSK



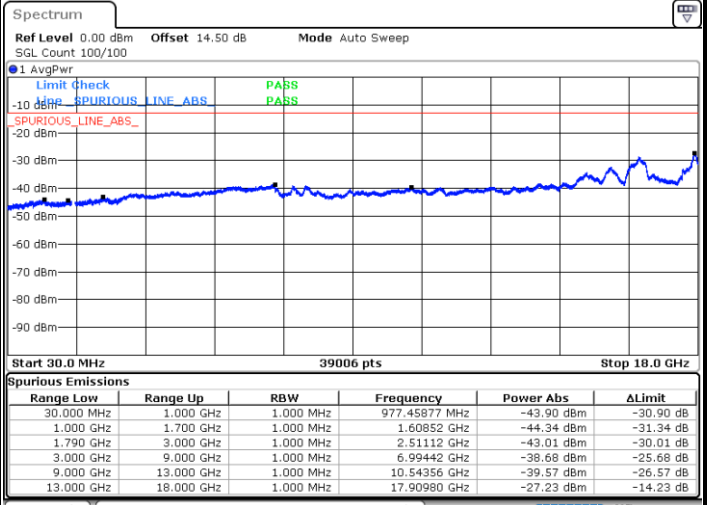
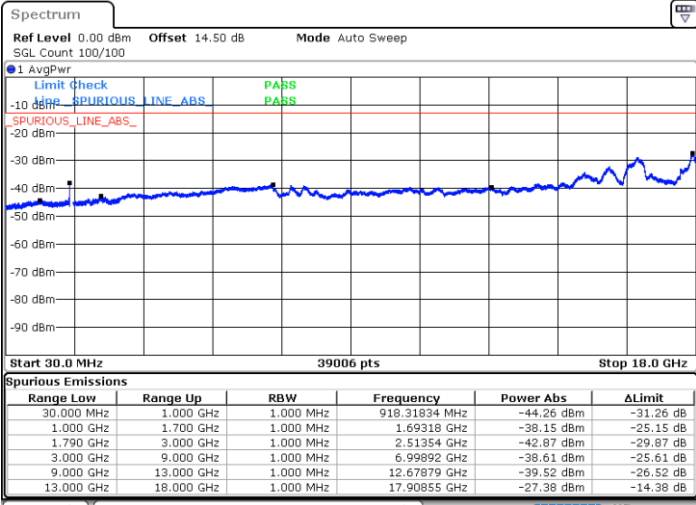
Date: 20.OCT.2023 19:17:10



LTE Band 66 / 10MHz

Lowest Channel / QPSK

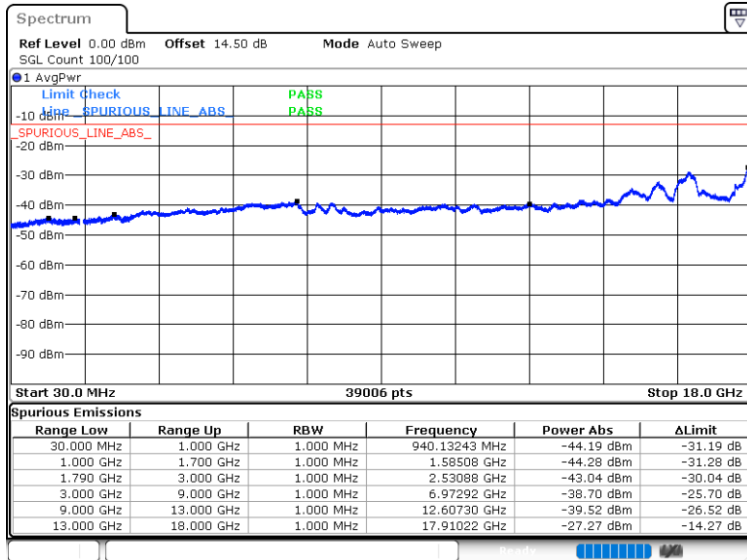
Middle Channel / QPSK



Date: 20.OCT.2023 20:27:57

Date: 20.OCT.2023 20:19:19

Highest Channel / QPSK



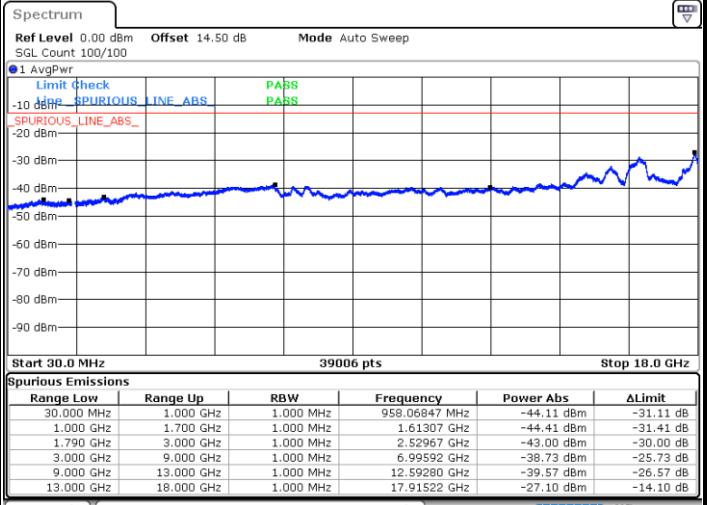
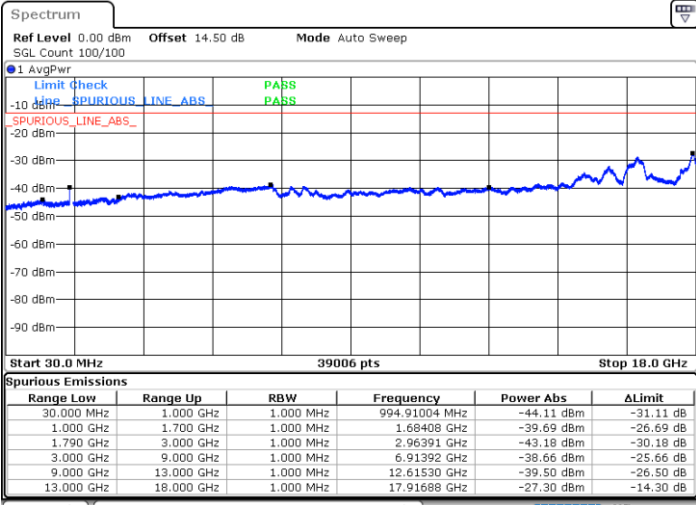
Date: 20.OCT.2023 20:35:55



LTE Band 66 / 15MHz

Lowest Channel / QPSK

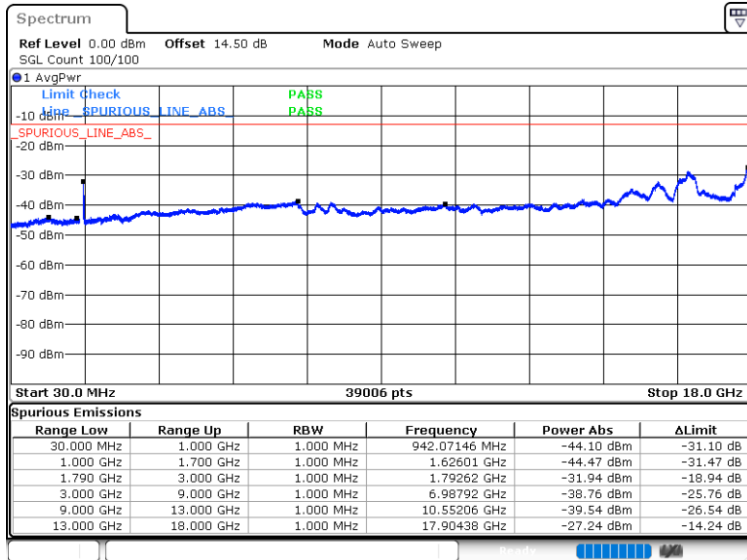
Middle Channel / QPSK



Date: 20.OCT.2023 20:56:24

Date: 20.OCT.2023 20:47:48

Highest Channel / QPSK



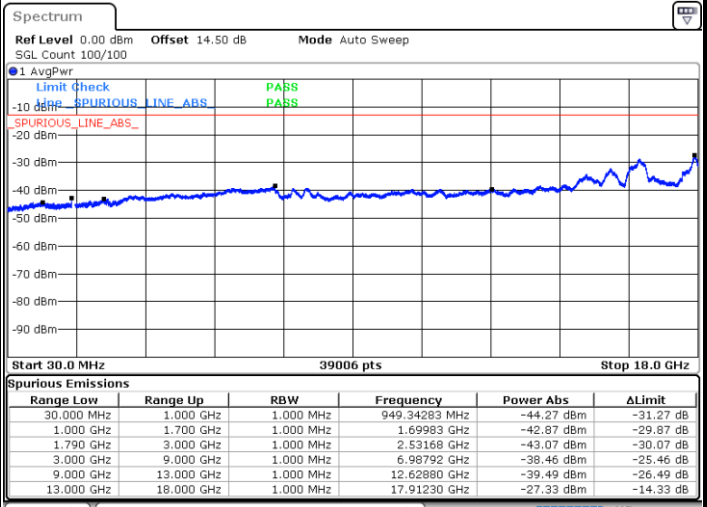
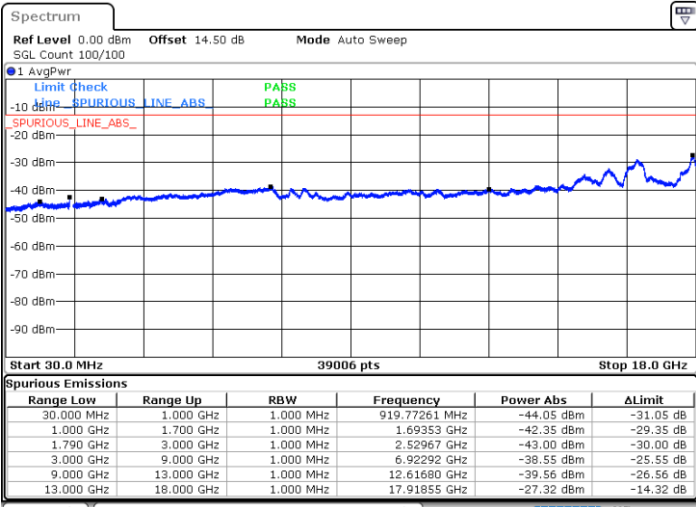
Date: 20.OCT.2023 21:04:22



LTE Band 66 / 20MHz

Lowest Channel / QPSK

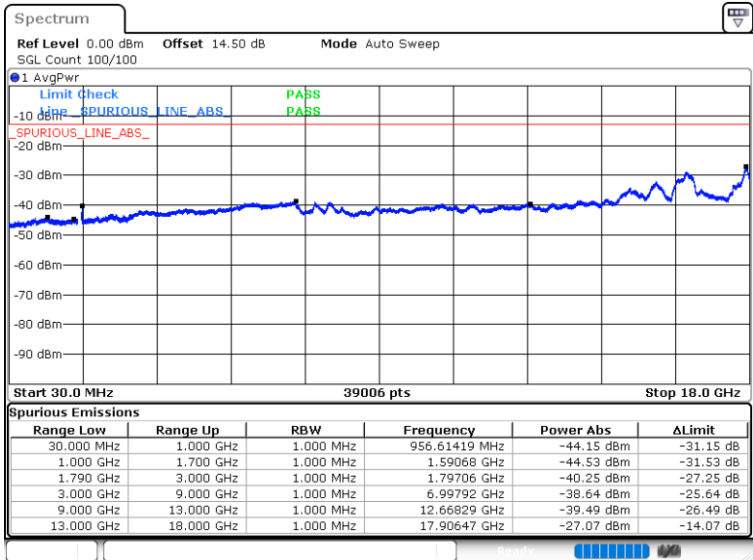
Middle Channel / QPSK



Date: 20.OCT.2023 21:18:19

Date: 20.OCT.2023 21:07:42

Highest Channel / QPSK



Date: 20.OCT.2023 21:26:16





### 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	0.0014	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0017	

**Note:**

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.6 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 :	Zhaohui Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 25 /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	3747	-50.44	-13	-37.44	-72.93	-57.19	5.85	12.60	H
	5620.5	-54.75	-13	-41.75	-79.25	-60.55	7.30	13.10	H
	7494	-53.76	-13	-40.76	-80.76	-56.91	8.35	11.50	H
	3747	-49.43	-13	-36.43	-75.08	-56.18	5.85	12.60	V
	5620.5	-50.62	-13	-37.62	-75.62	-56.42	7.30	13.10	V
	7494	-55.27	-13	-42.27	-82.26	-58.42	8.35	11.50	V

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

LTE Band 26 /15MHz / 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	1659.5	-59.88	-13	-46.88	-72.08	-63.13	4.00	9.40	H
	2489.25	-55.32	-13	-42.32	-74.70	-58.89	4.88	10.60	H
	3319	-58.12	-13	-45.12	-79.27	-63.05	5.52	12.60	H
	1659.5	-63.12	-13	-50.12	-75.99	-66.37	4.00	9.40	V
	2489.25	-57.95	-13	-44.95	-77.59	-61.52	4.88	10.60	V
	3319	-57.68	-13	-44.68	-79.53	-62.61	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	-51.17	-13	-38.17	-73.42	-58.02	5.65	12.50	H
	5208	-52.82	-13	-39.82	-77.73	-58.49	7.13	12.80	H
	6944	-55.46	-13	-42.46	-81.79	-58.86	8.40	11.80	H
	3472	-54.59	-13	-41.59	-76.64	-61.44	5.65	12.50	V
	5208	-54.16	-13	-41.16	-79.24	-59.83	7.13	12.80	V
	6944	-54.62	-13	-41.62	-81.68	-58.02	8.40	11.80	V

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