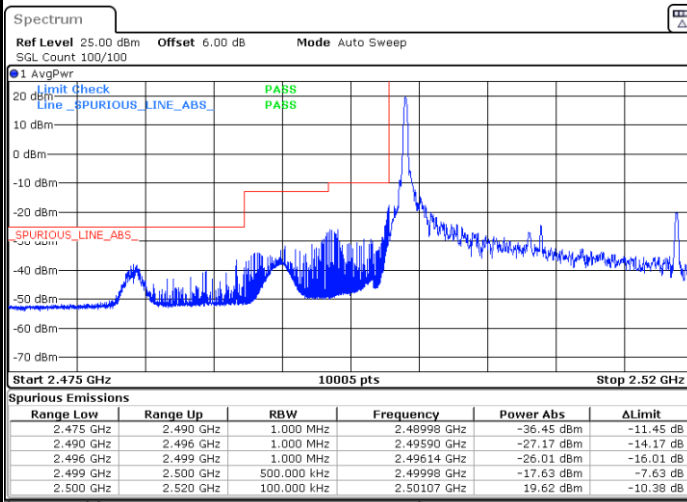




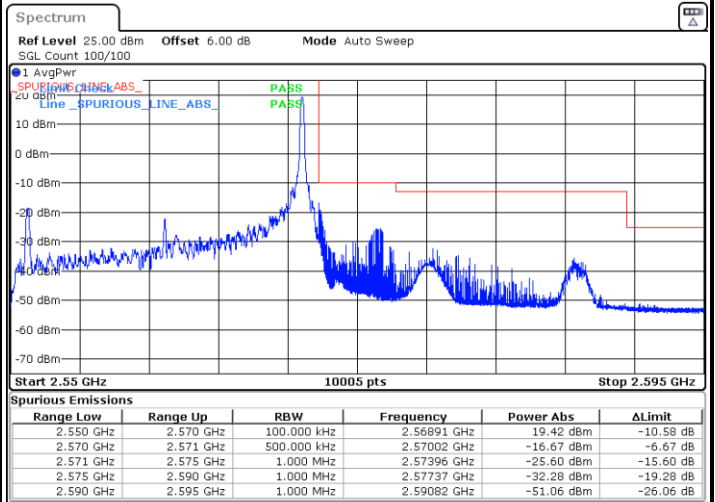
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



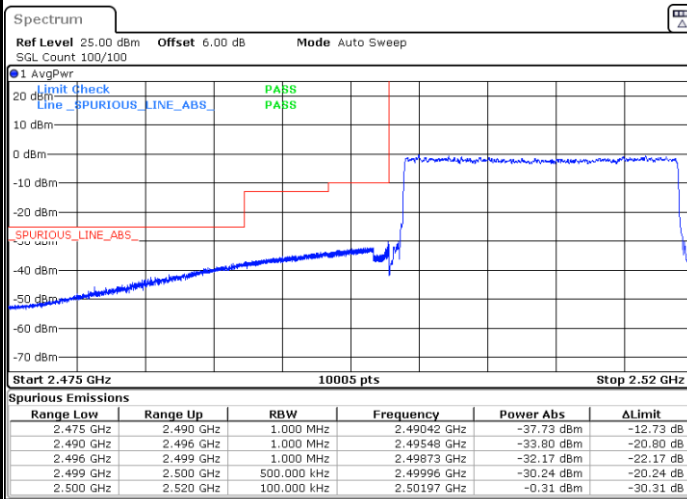
Date: 1.NOV.2022 01:30:27

Highest Band Edge / 1 RB



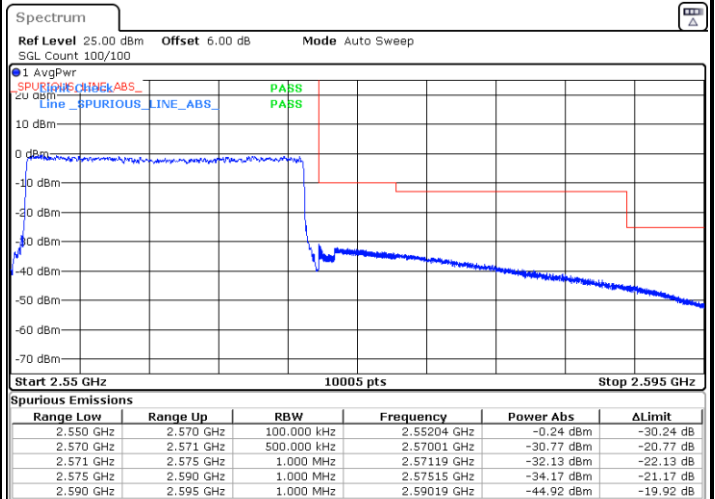
Date: 1.NOV.2022 01:41:13

Lowest Band Edge / Full RB



Date: 1.NOV.2022 01:34:30

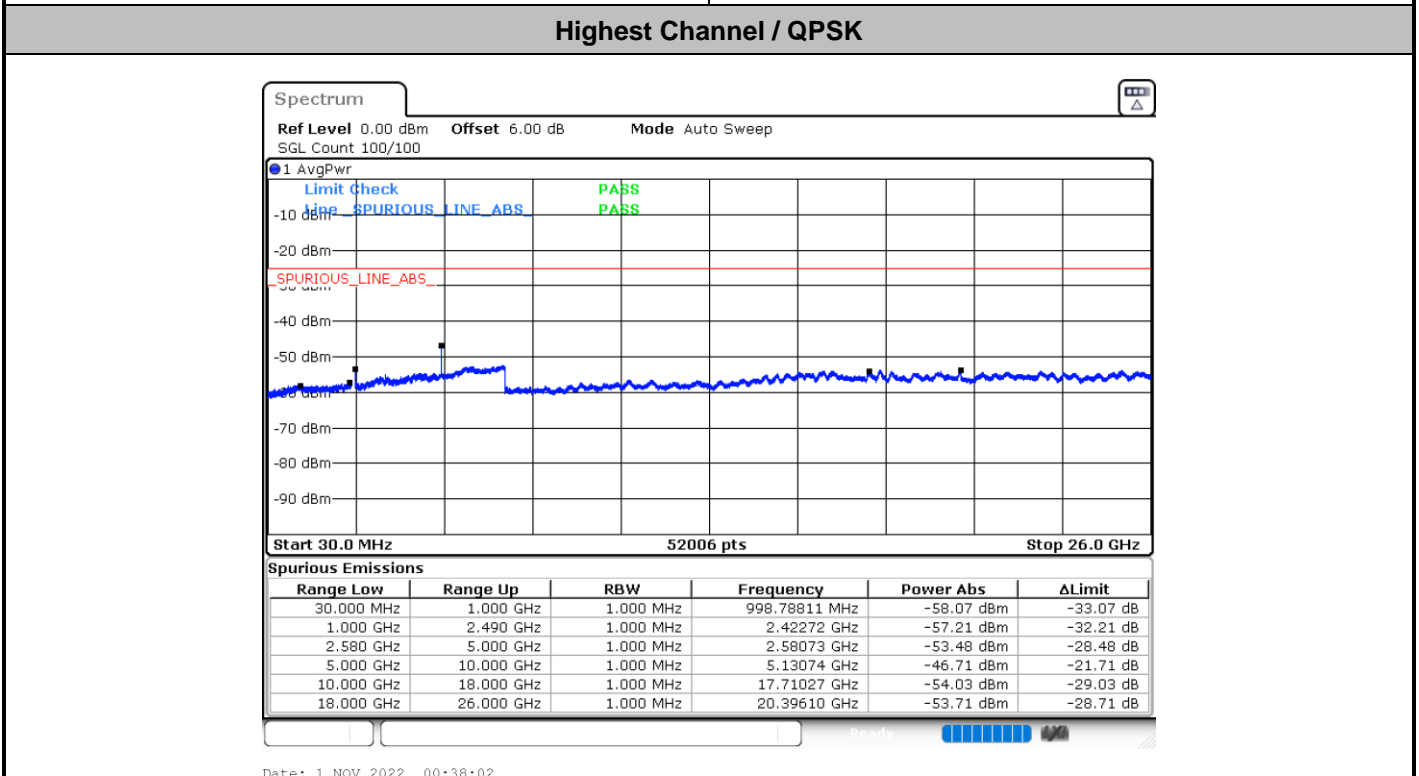
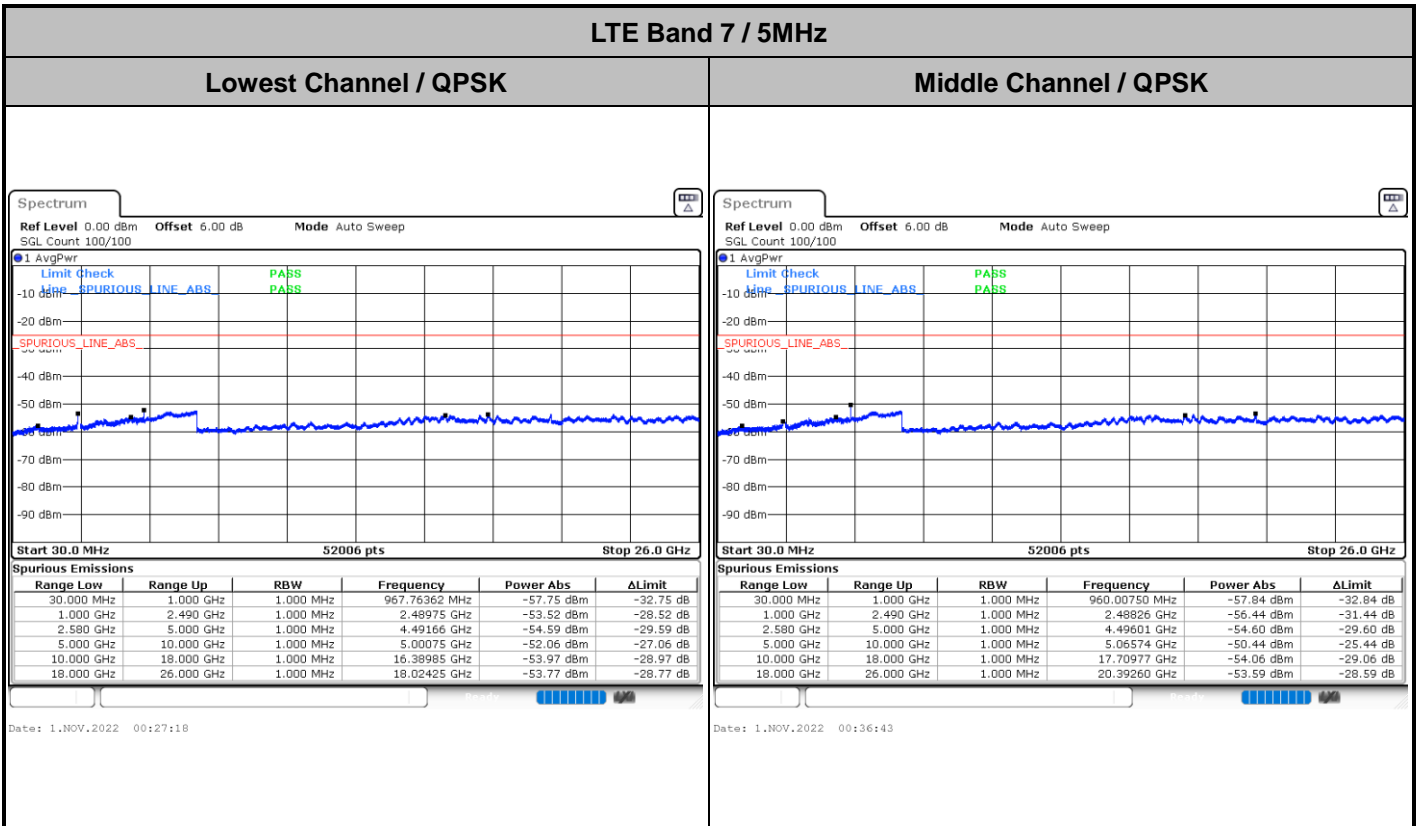
Highest Band Edge / Full RB



Date: 1.NOV.2022 01:45:16



# Conducted Spurious Emission

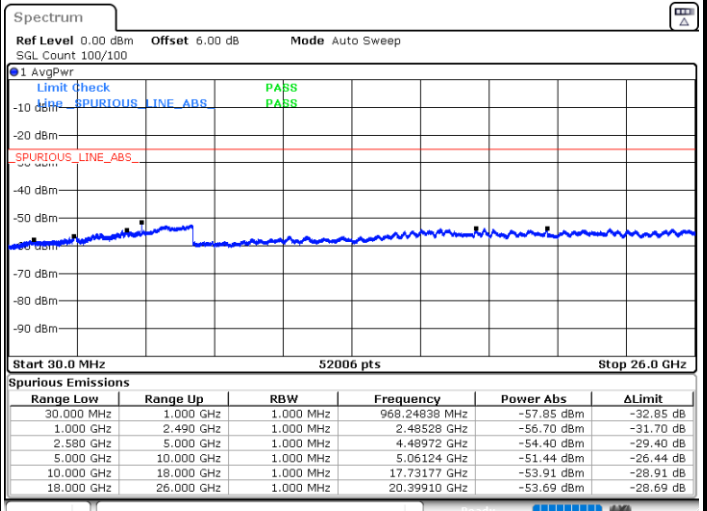
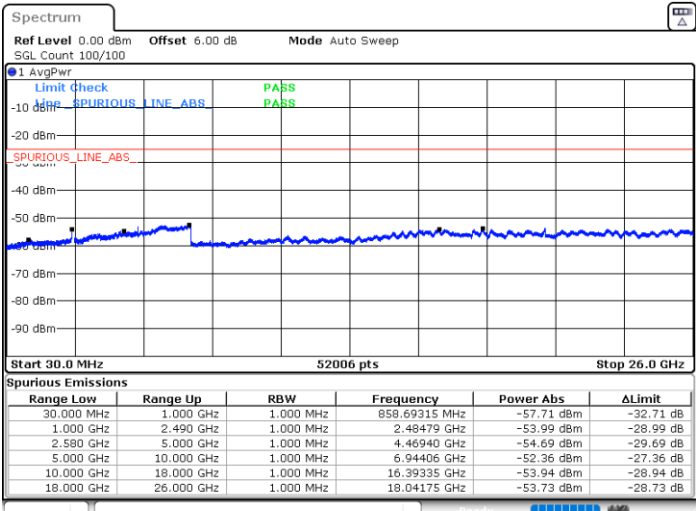




LTE Band 7 / 10MHz

Lowest Channel / QPSK

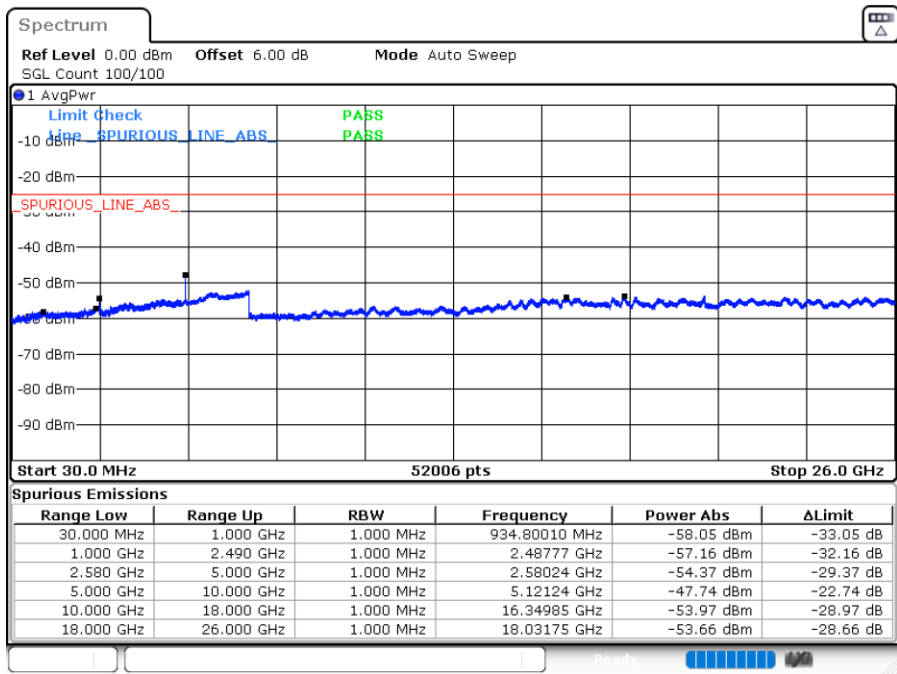
Middle Channel / QPSK



Date: 1.NOV.2022 00:47:27

Date: 1.NOV.2022 00:56:52

Highest Channel / QPSK



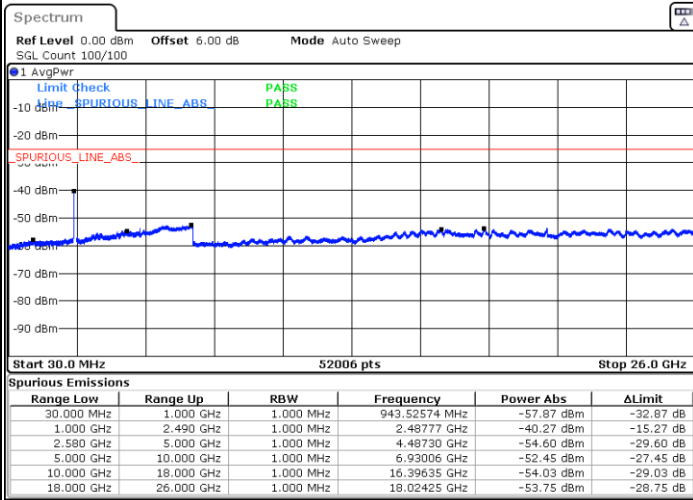
Date: 1.NOV.2022 00:58:11



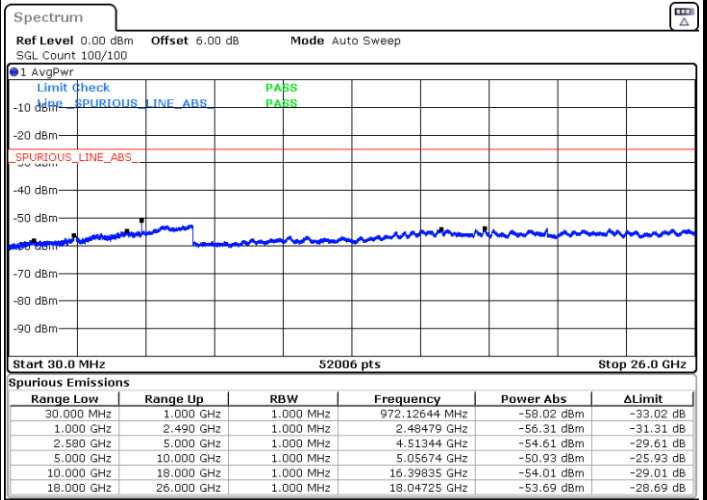
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

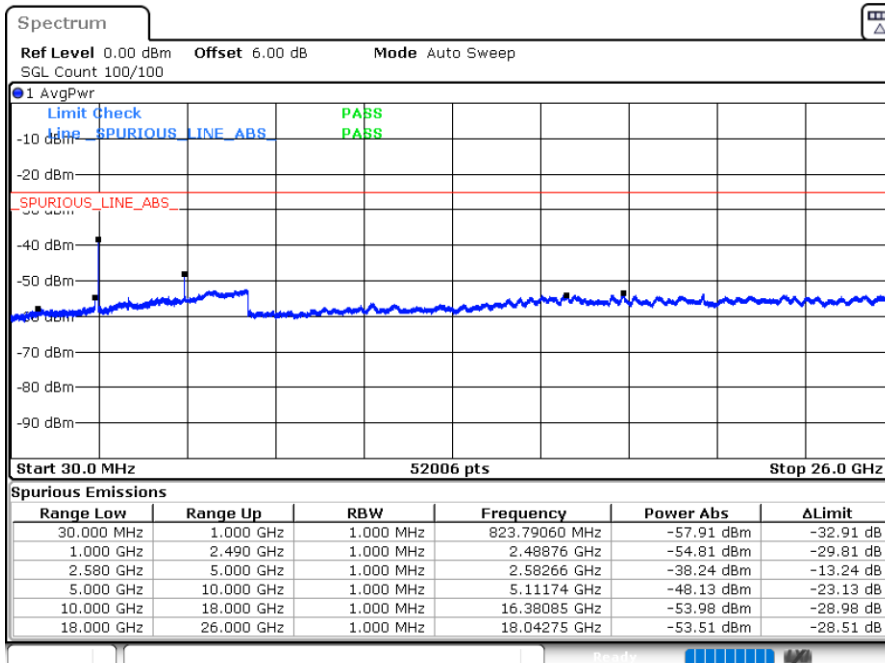


Date: 1.NOV.2022 01:07:34



Date: 1.NOV.2022 01:17:00

Highest Channel / QPSK



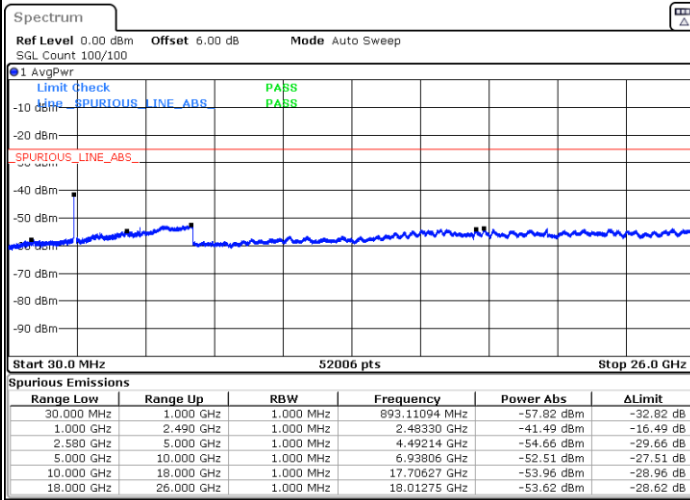
Date: 1.NOV.2022 01:18:19



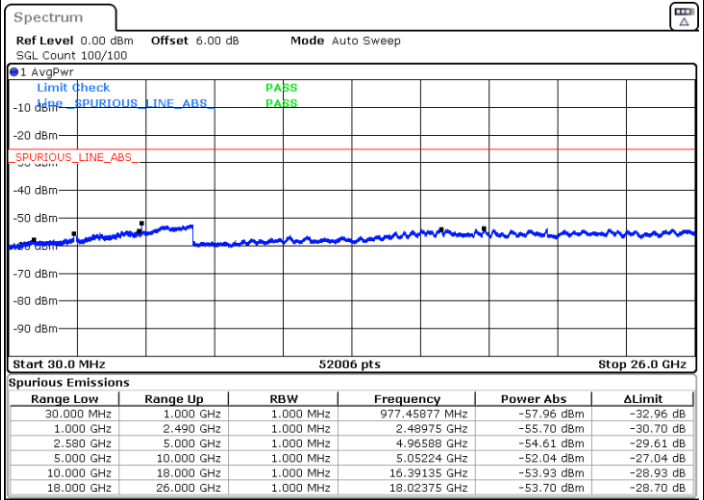
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

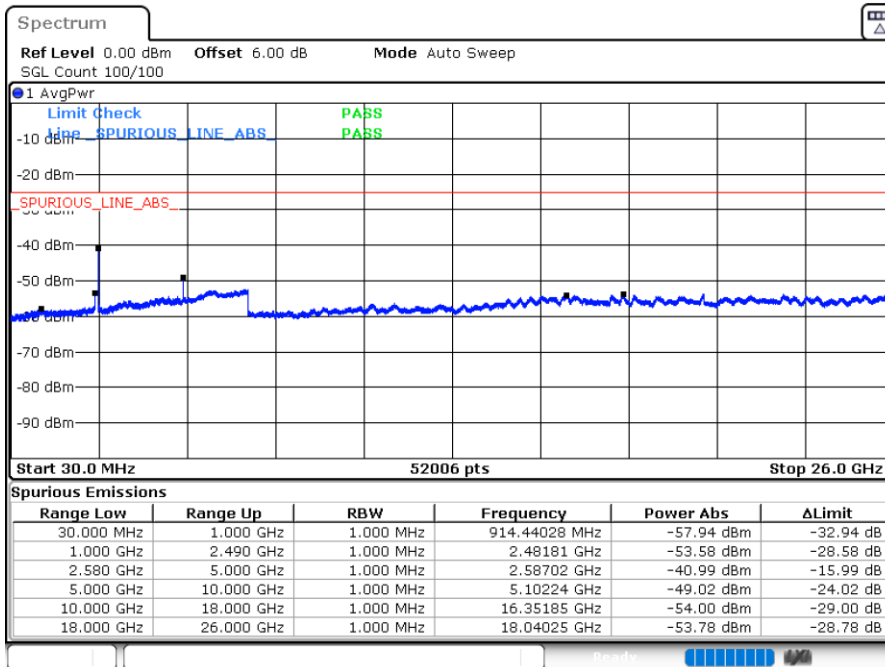


Date: 1.NOV.2022 01:27:46



Date: 1.NOV.2022 01:37:10

Highest Channel / QPSK



Date: 1.NOV.2022 01:38:30



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0027	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: 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 5 / 10MHz / 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	1664.18	-57.85	-13	-44.85	-70.05	-61.10	4.00	9.40	H
	2496.27	-38.66	-13	-25.66	-58.03	-42.23	4.88	10.60	H
	3328.36	-59.87	-13	-46.87	-81.12	-64.80	5.52	12.60	H
	1664.18	-61.09	-13	-48.09	-73.96	-64.34	4.00	9.40	V
	2496.27	-45.45	-13	-32.45	-65.08	-49.02	4.88	10.60	V
	3328.36	-58.98	-13	-45.98	-80.73	-63.91	5.52	12.60	V

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

LTE Band 7 / 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	5052.18	-51.13	-25	-26.13	-75.08	-56.69	7.14	12.70	H
	7578.27	-51.66	-25	-26.66	-78.36	-54.96	8.30	11.60	H
	10104.36	-51.96	-25	-26.96	-82.90	-53.48	10.48	12.00	H
	5052.18	-52.24	-25	-27.24	-77.52	-57.80	7.14	12.70	V
	7578.27	-53.55	-25	-28.55	-80.25	-56.85	8.30	11.60	V
	10104.36	-49.76	-25	-24.76	-81.68	-51.28	10.48	12.00	V

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