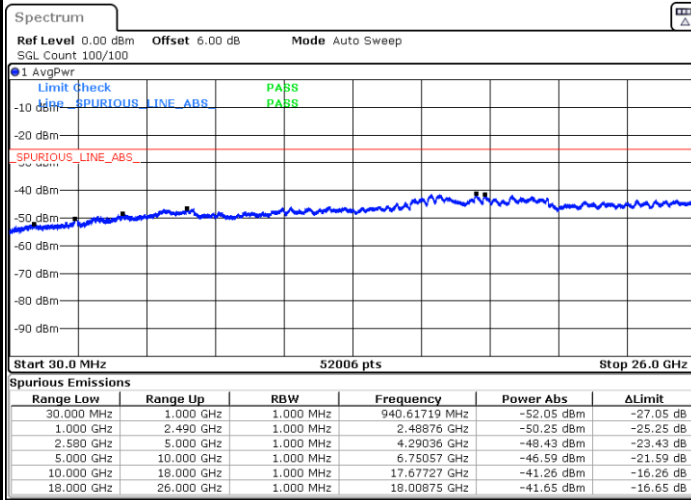




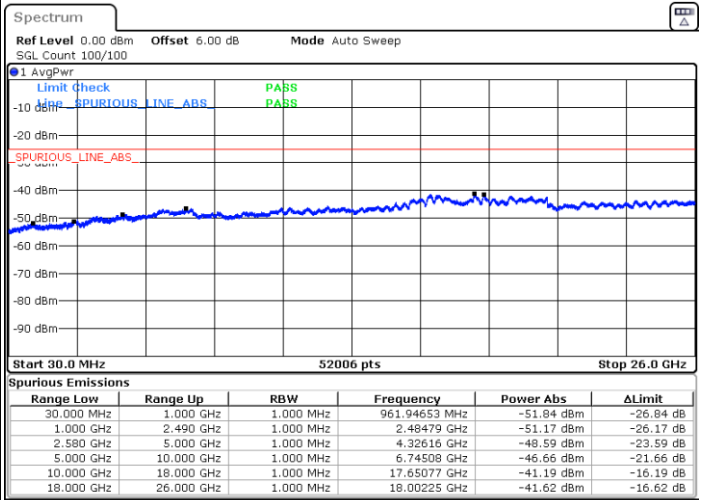
LTE Band 7 / 10MHz

Lowest Channel / QPSK



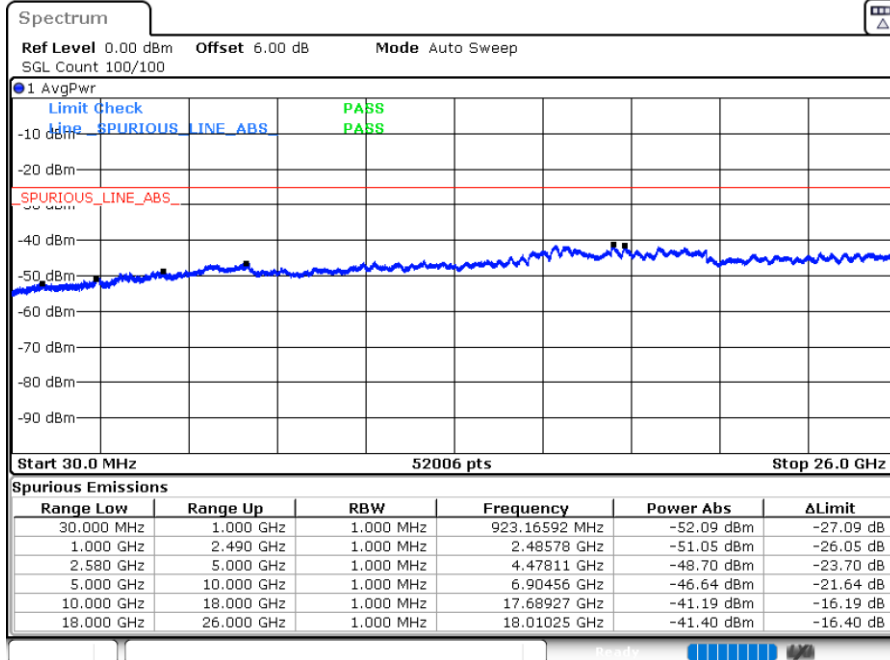
Date: 13.MAY.2022 07:03:31

Middle Channel / QPSK



Date: 13.MAY.2022 07:13:34

Highest Channel / QPSK

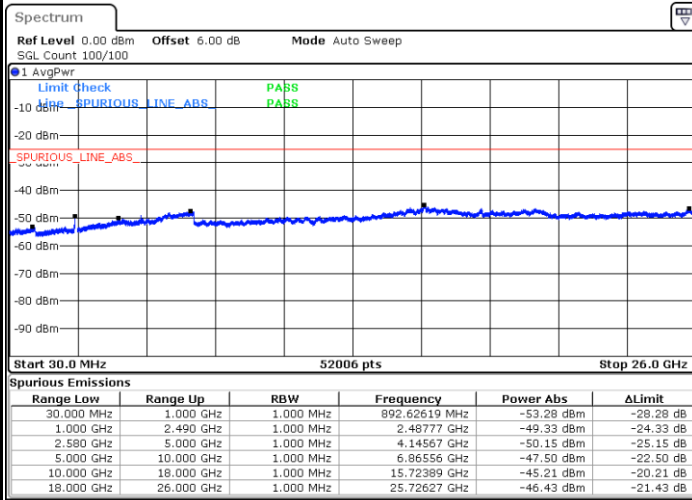


Date: 13.MAY.2022 07:15:12



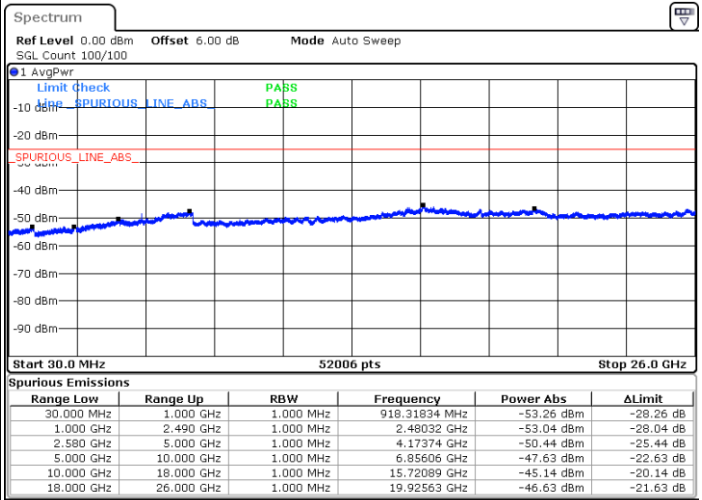
LTE Band 7 / 15MHz

Lowest Channel / QPSK



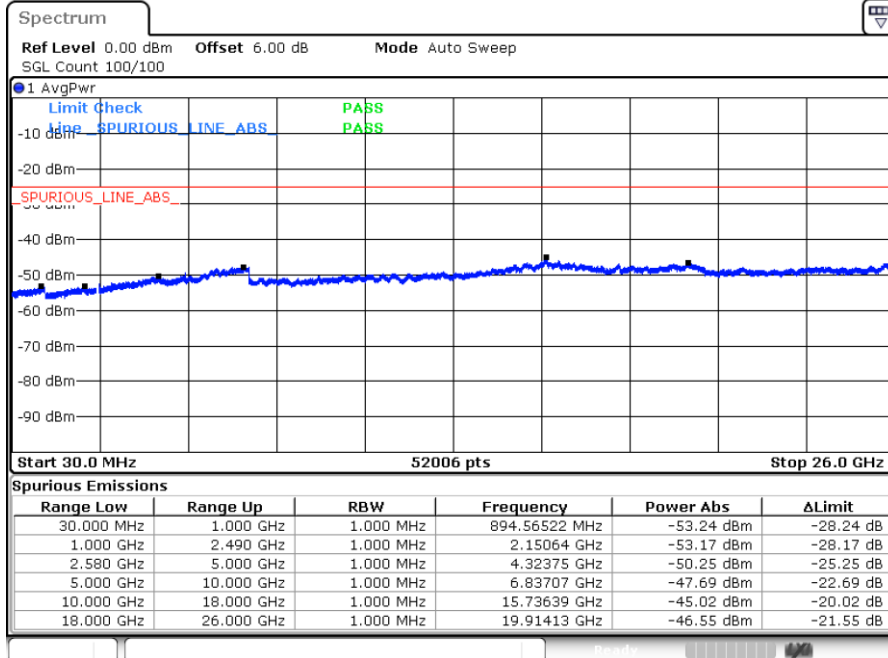
Date: 17.MAY.2022 20:29:14

Middle Channel / QPSK



Date: 17.MAY.2022 20:27:39

Highest Channel / QPSK

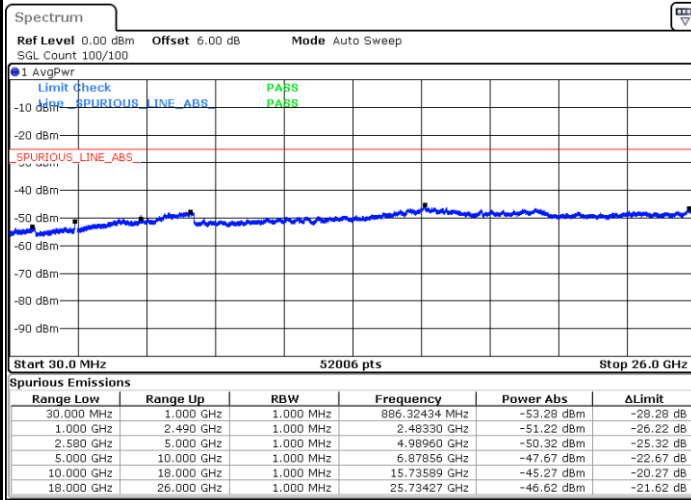


Date: 17.MAY.2022 20:30:44



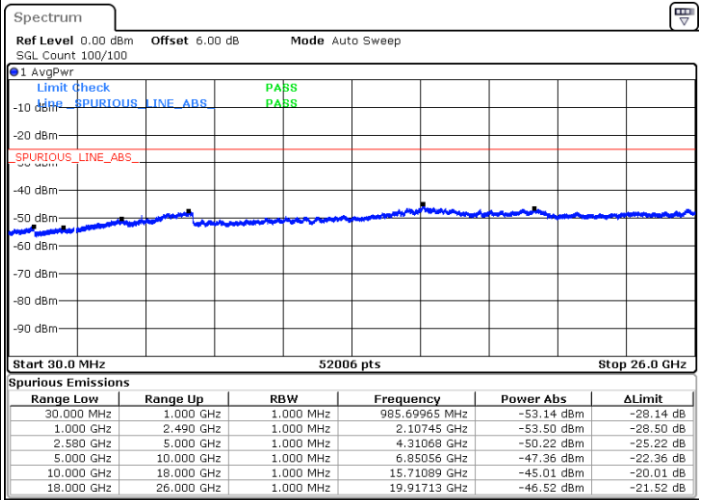
LTE Band 7 / 20MHz

Lowest Channel / QPSK



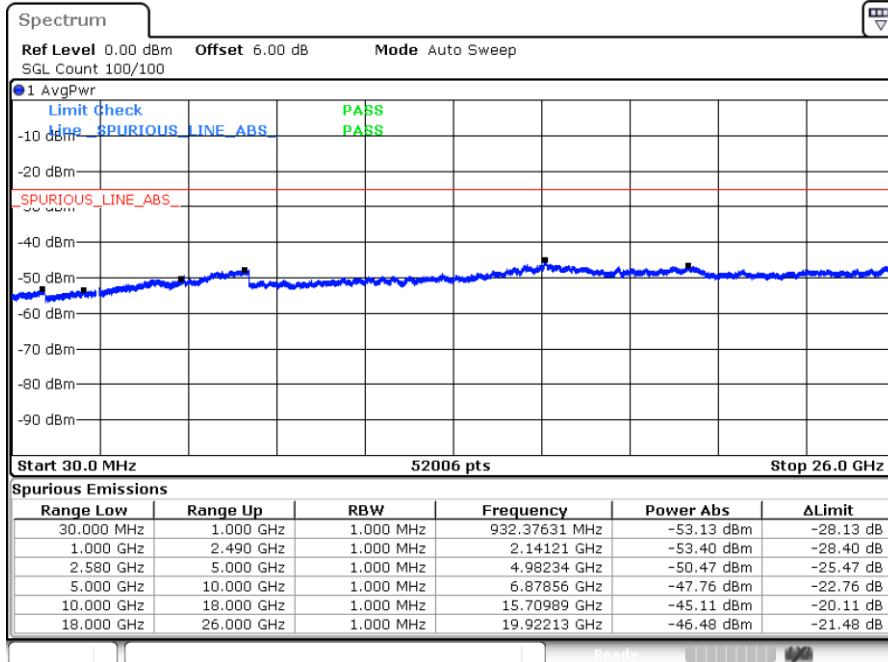
Date: 17.MAY.2022 20:32:29

Middle Channel / QPSK



Date: 17.MAY.2022 20:48:03

Highest Channel / QPSK



Date: 17.MAY.2022 20:51:48

**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	0.0072	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0056	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0089	
0	Normal Voltage	0.0125	
-10	Normal Voltage	0.0116	
-20	Normal Voltage	0.0138	
-30	Normal Voltage	0.0076	
20	Maximum Voltage	0.0053	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0067	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 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 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)
Lowest	5002.18	-58.86	-25	-33.86	-81.61	-64.42	7.12	12.68	H
	7503.27	-55.70	-25	-30.70	-82.04	-59.03	8.26	11.59	H
	10004.36	-53.72	-25	-28.72	-83.75	-55.25	10.45	11.98	H
	5002.18	-57.41	-25	-32.41	-81.84	-62.97	7.12	12.68	V
	7503.27	-55.82	-25	-30.82	-82.15	-59.15	8.26	11.59	V
	10004.36	-53.24	-25	-28.24	-83.91	-54.77	10.45	11.98	V
Middle	5052.18	-58.07	-25	-33.07	-81.17	-63.63	7.14	12.70	H
	7578.27	-55.99	-25	-30.99	-82.07	-59.29	8.30	11.60	H
	10104.36	-52.92	-25	-27.92	-83.12	-54.44	10.48	12.00	H
	5052.18	-56.89	-25	-31.89	-81.32	-62.45	7.14	12.70	V
	7578.27	-55.68	-25	-30.68	-81.76	-58.98	8.30	11.60	V
	10104.36	-51.47	-25	-26.47	-82.65	-52.99	10.48	12.00	V
Highest	5102.18	-57.99	-25	-32.99	-81.44	-63.55	7.16	12.72	H
	7653.27	-55.88	-25	-30.88	-81.75	-59.18	8.33	11.63	H
	10204.36	-53.14	-25	-28.14	-83.50	-54.74	10.50	12.10	H
	5102.18	-57.24	-25	-32.24	-81.67	-62.80	7.16	12.72	V
	7653.27	-54.46	-25	-29.46	-81.36	-57.76	8.33	11.63	V
	10204.36	-52.02	-25	-27.02	-83.65	-53.62	10.50	12.10	V

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