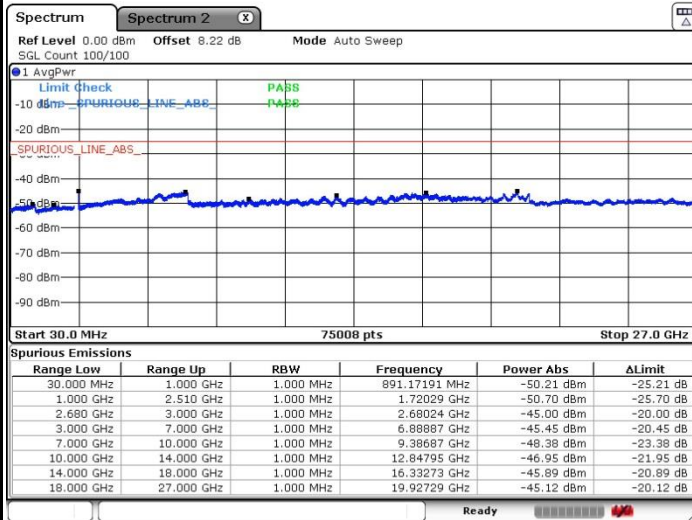




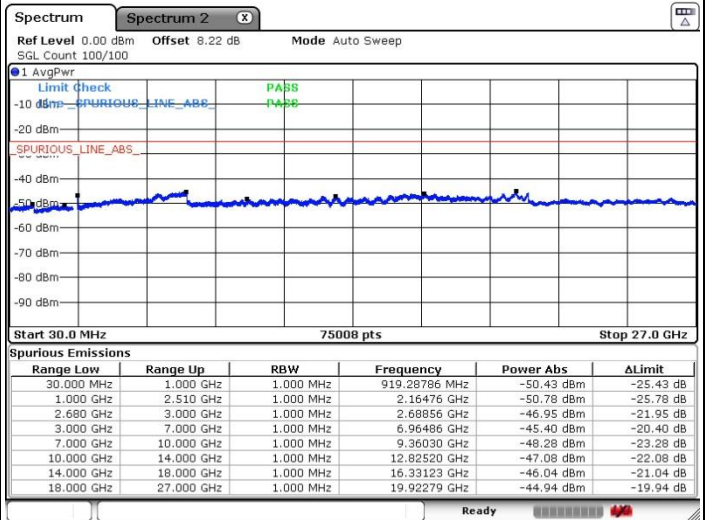
LTE Band 41 / 20MHz

Lowest Channel / QPSK



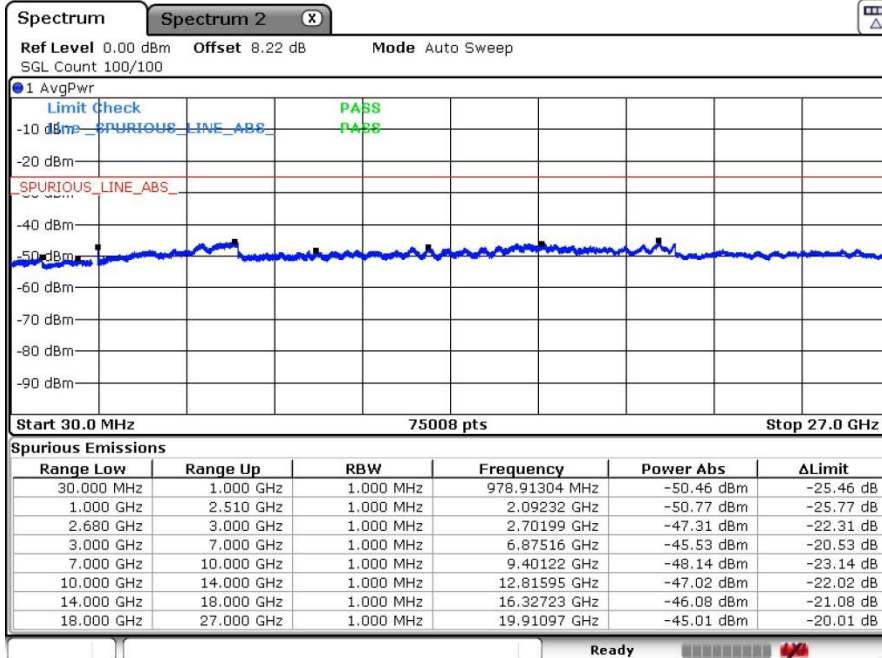
Date: 29 JUL 2021 09:19:51

Middle Channel / QPSK



Date: 29 JUL 2021 09:21:47

Highest Channel / QPSK



Date: 29 JUL 2021 09:19:10

**Frequency Stability**

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.8 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

LTE Band 41 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5172	-54.18	-25	-29.18	-64.39	3.03	13.24	H
	7760	-61.75	-25	-36.75	-71.20	3.56	13.01	H
	10340	-59.11	-25	-34.11	-68.63	3.92	13.44	H
	5172	-56.59	-25	-31.59	-66.80	3.03	13.24	V
	7760	-61.11	-25	-36.11	-70.56	3.56	13.01	V
	10340	-58.96	-25	-33.96	-68.48	3.92	13.44	V

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



Appendix D. Reference Report

Please refer to Sporton report number FG161824B which is issued separately.