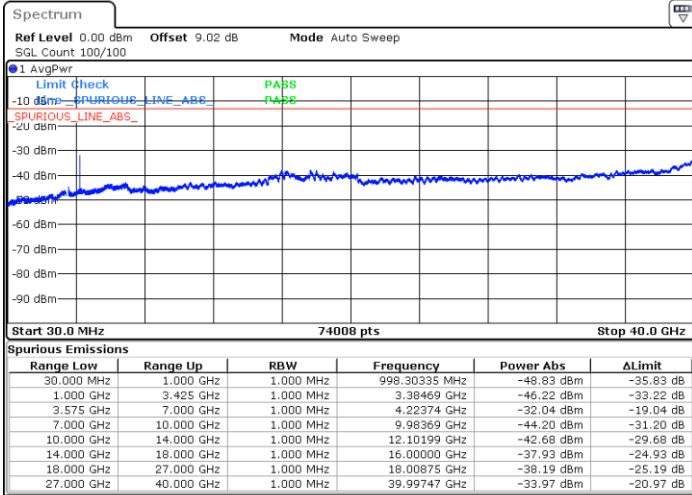




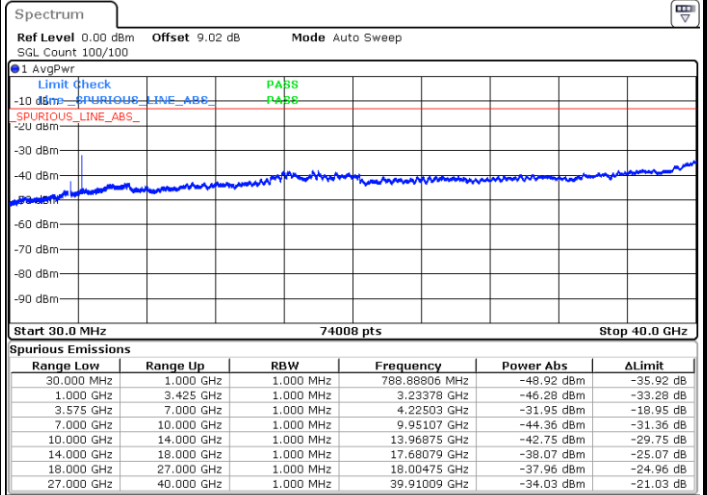
LTE Band 42 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

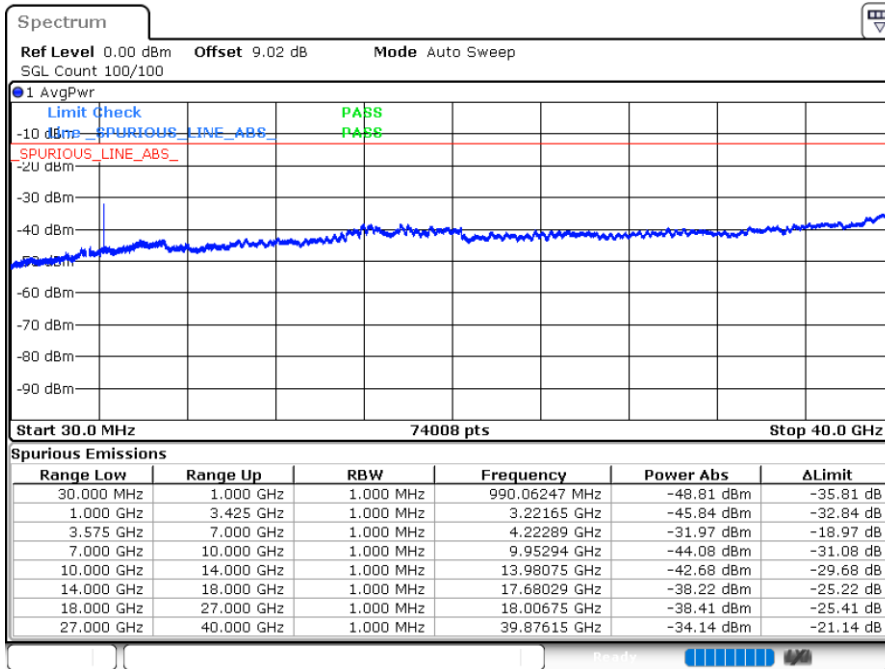


Date: 8_SEP.2021 22:03:01



Date: 8_SEP.2021 22:01:44

Highest Channel / QPSK



Date: 8_SEP.2021 22:00:14

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0015	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4V. ; 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

LTE Band 42 / 20MHz / QPSK / RB Size 1 Offset 0								
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	6984	-62.55	-13	-49.55	-69.52	1.58	10.70	H
	10476	-58.73	-13	-45.73	-66.98	2.10	12.50	H
	13962	-58.74	-13	-45.74	-67.63	2.86	13.90	H
	6984	-62.05	-13	-49.05	-69.02	1.58	10.70	V
	10476	-59.02	-13	-46.02	-67.27	2.10	12.50	V
	13962	-58.97	-13	-45.97	-67.86	2.86	13.90	V

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