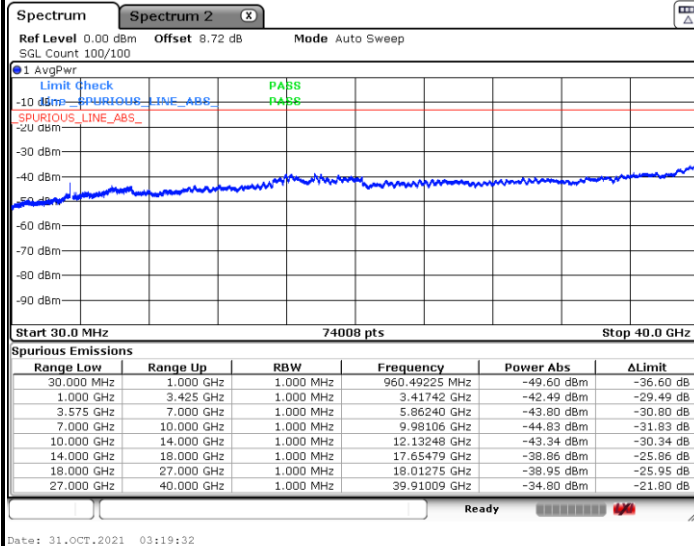


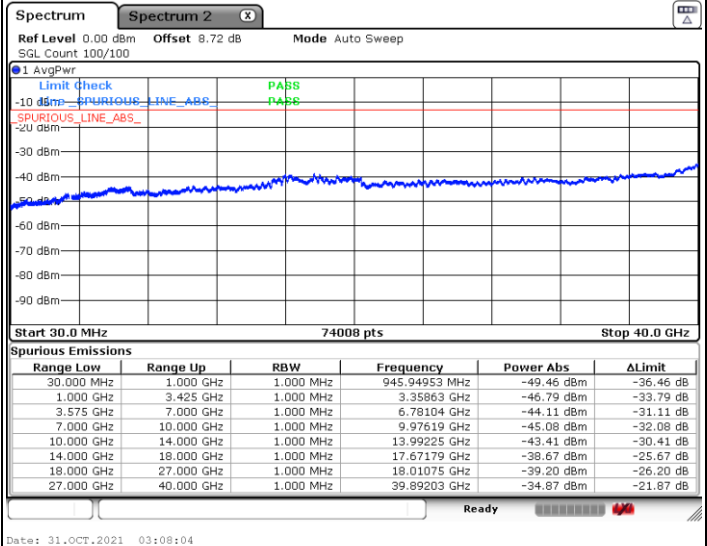


LTE Band 42 / 15MHz

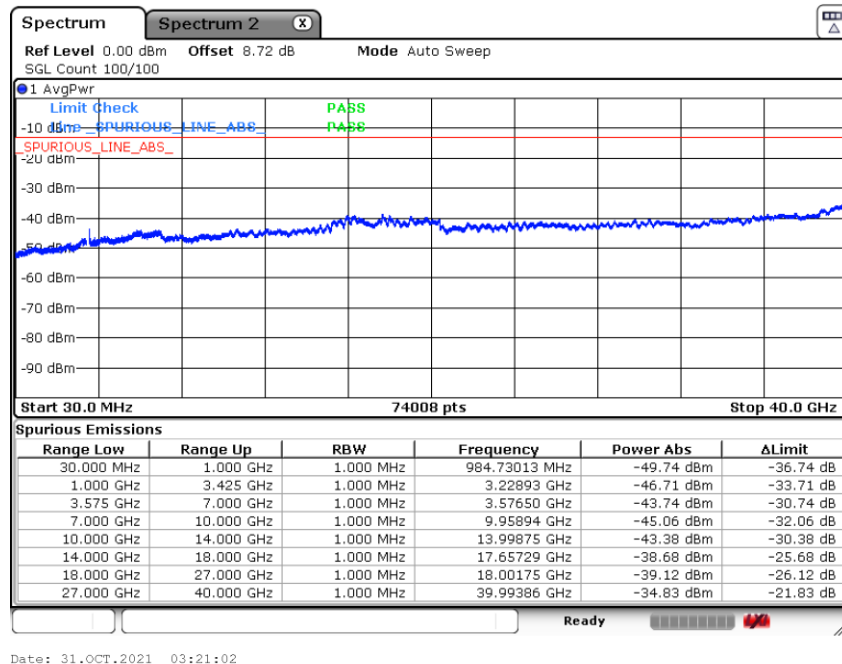
Lowest Channel / QPSK



Middle Channel / QPSK



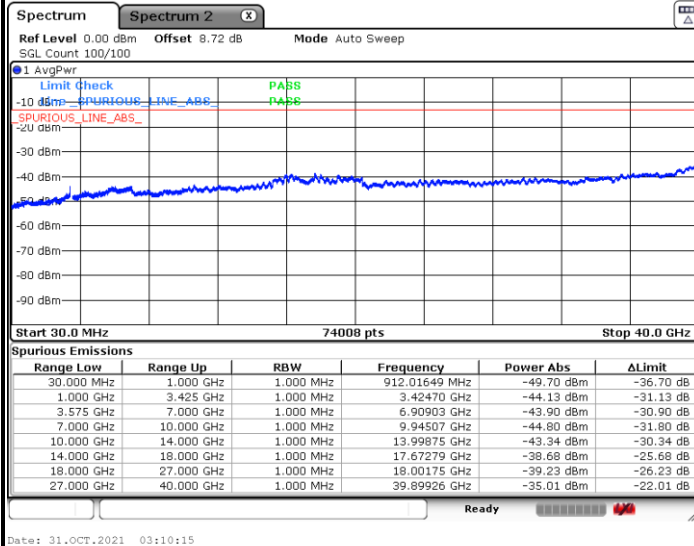
Highest Channel / QPSK



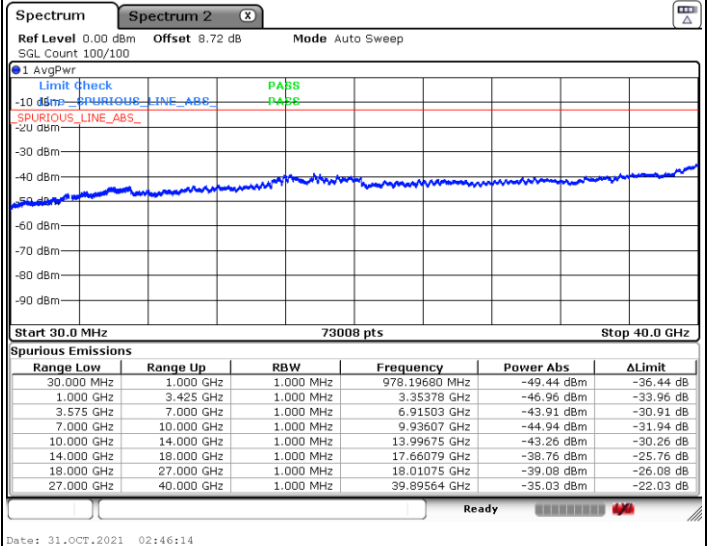


LTE Band 42 / 20MHz

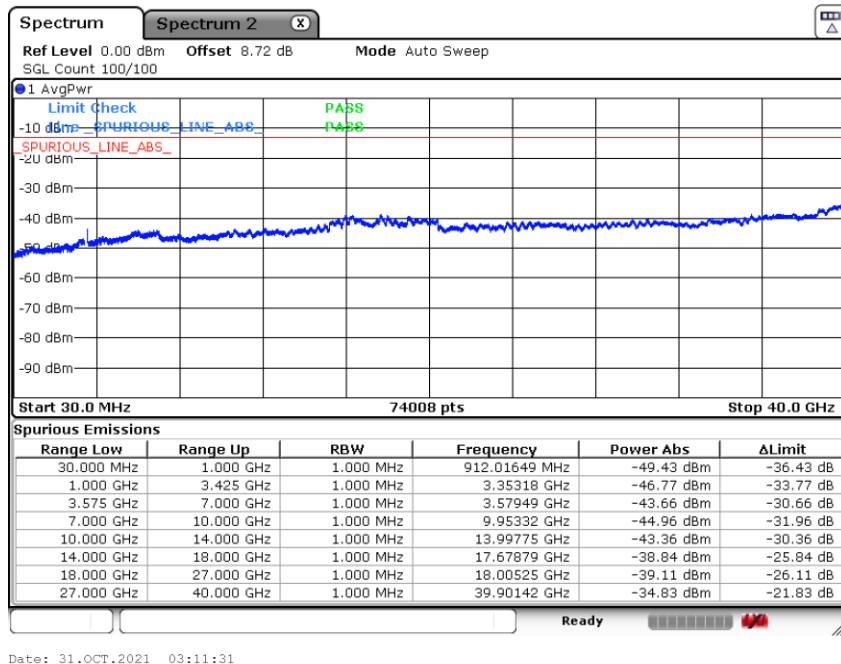
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK



Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage = 3.87V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.45V.
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								
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	-59.45	-13	-46.45	-69.66	3.03	13.24	H
	10476	-37.77	-13	-24.77	-47.22	3.56	13.01	H
	13962	-58.47	-13	-45.47	-67.99	3.92	13.44	H
	6984	-57.40	-13	-44.40	-67.61	3.03	13.24	V
	10476	-46.81	-13	-33.81	-56.26	3.56	13.01	V
	13962	-58.87	-13	-45.87	-68.39	3.92	13.44	V

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