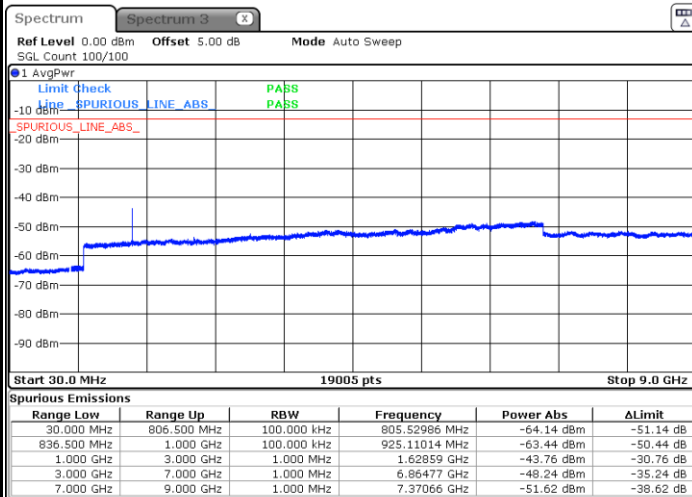




Conducted Spurious Emission

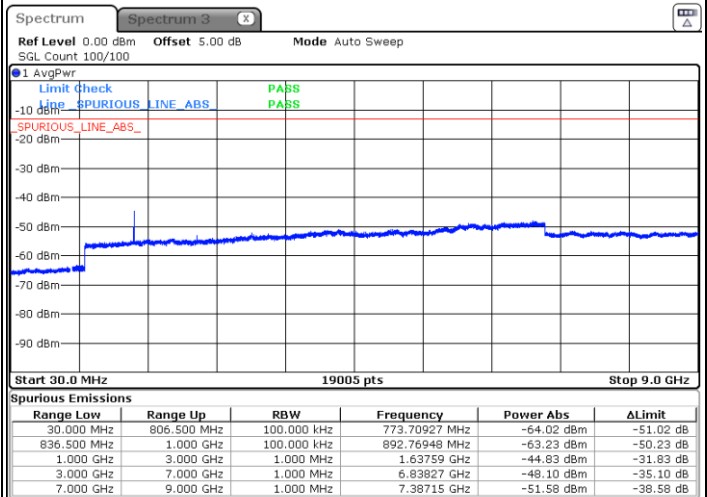
LTE Band 26 / 1.4MHz

Lowest Channel / QPSK



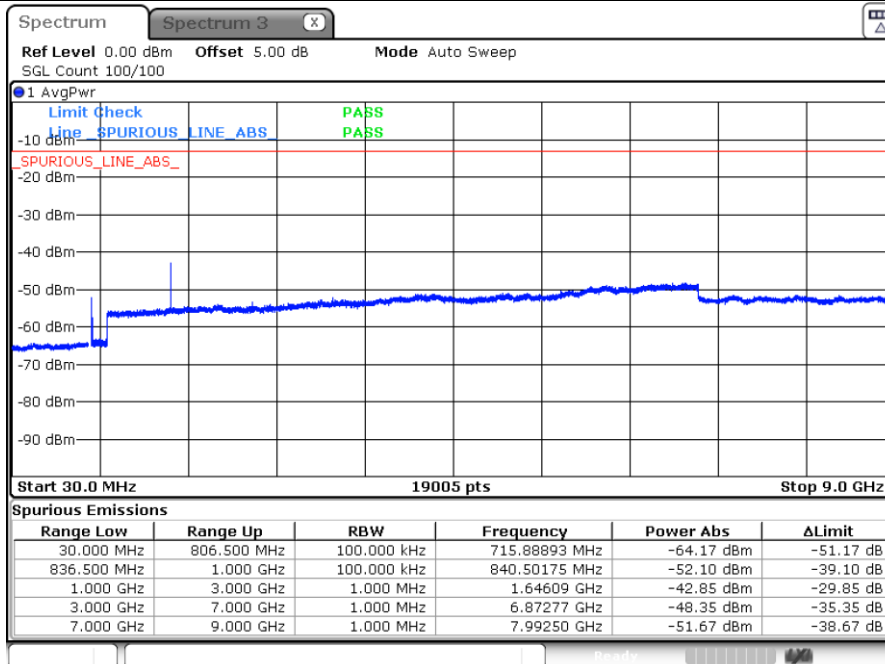
Date: 27.AUG.2022 04:18:23

Middle Channel / QPSK



Date: 27.AUG.2022 04:20:08

Highest Channel / QPSK

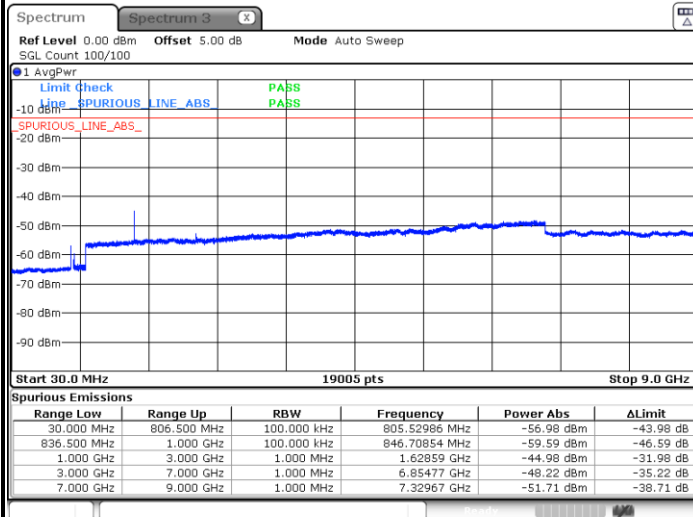


Date: 27.AUG.2022 04:21:48

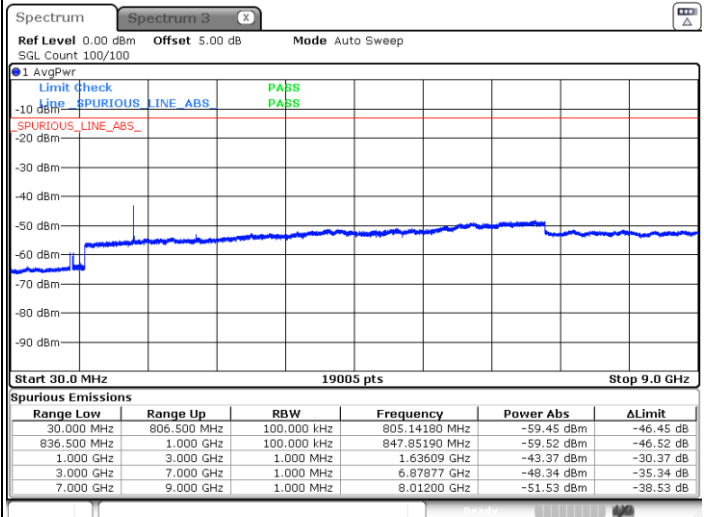


LTE Band 26 / 3MHz

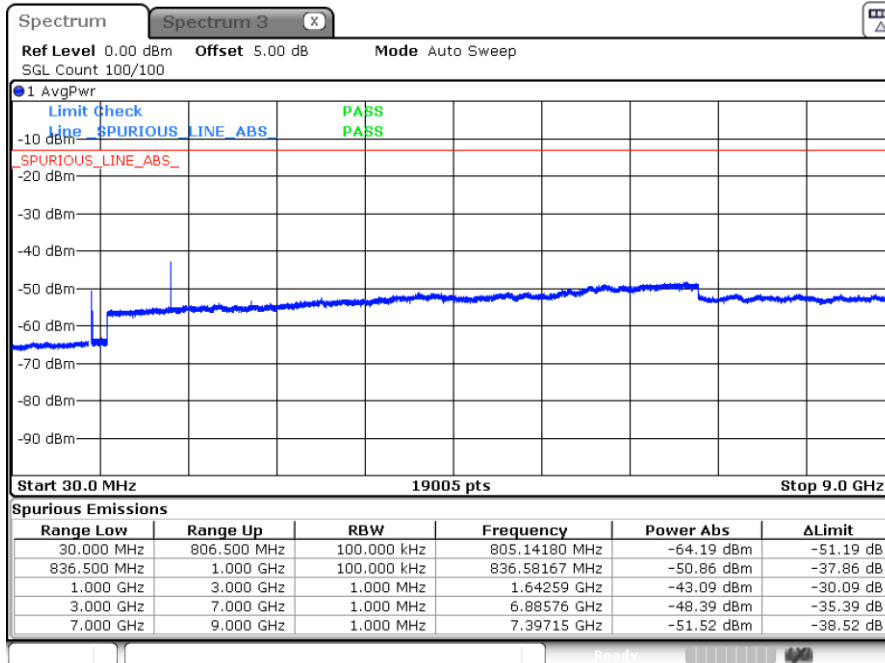
Lowest Channel / QPSK



Middle Channel / QPSK



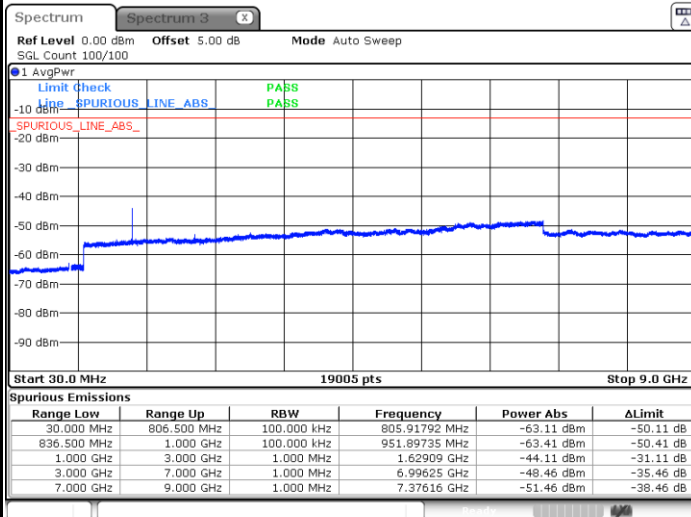
Highest Channel / QPSK





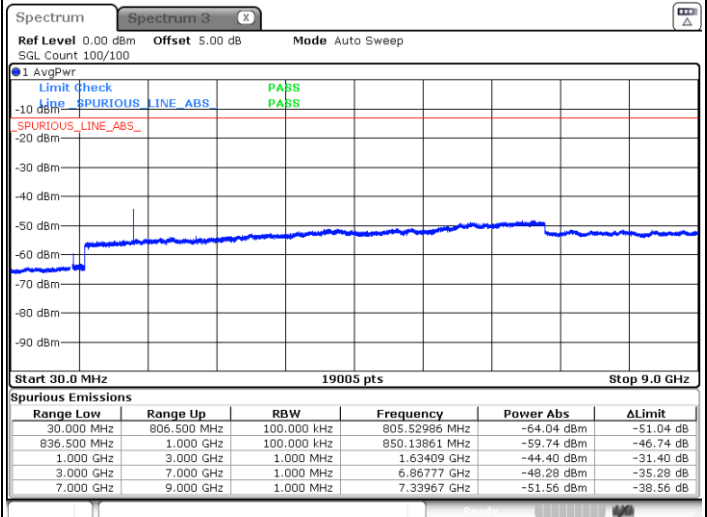
LTE Band 26 / 5MHz

Lowest Channel / QPSK



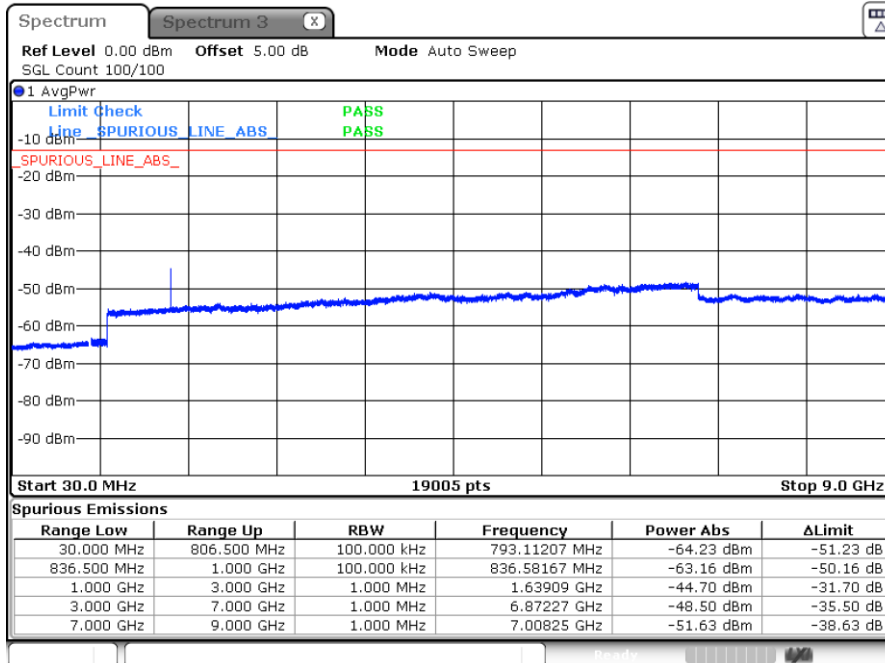
Date: 27.AUG.2022 04:58:59

Middle Channel / QPSK



Date: 27.AUG.2022 05:00:36

Highest Channel / QPSK

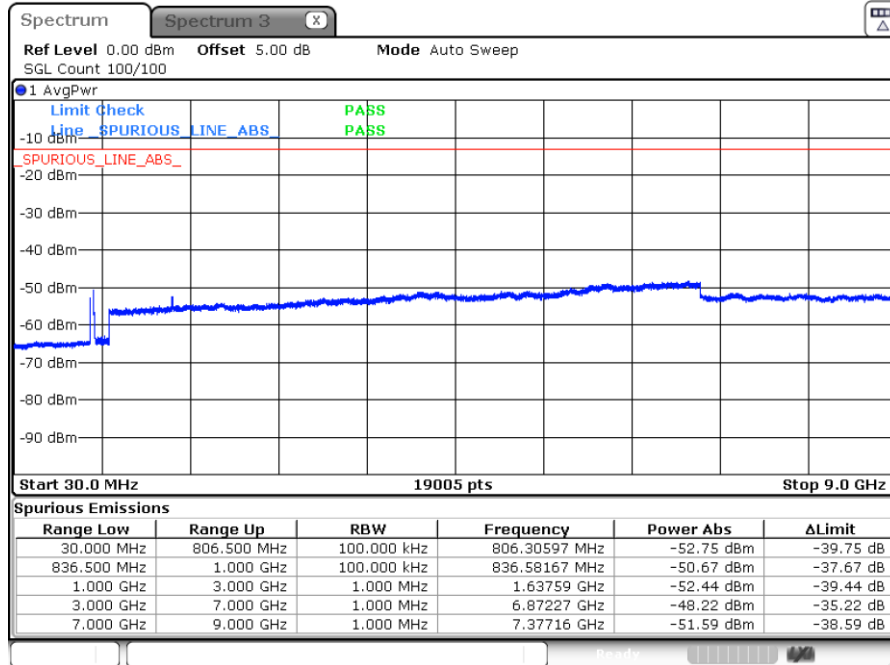


Date: 27.AUG.2022 05:02:43



LTE Band 26 / 10MHz

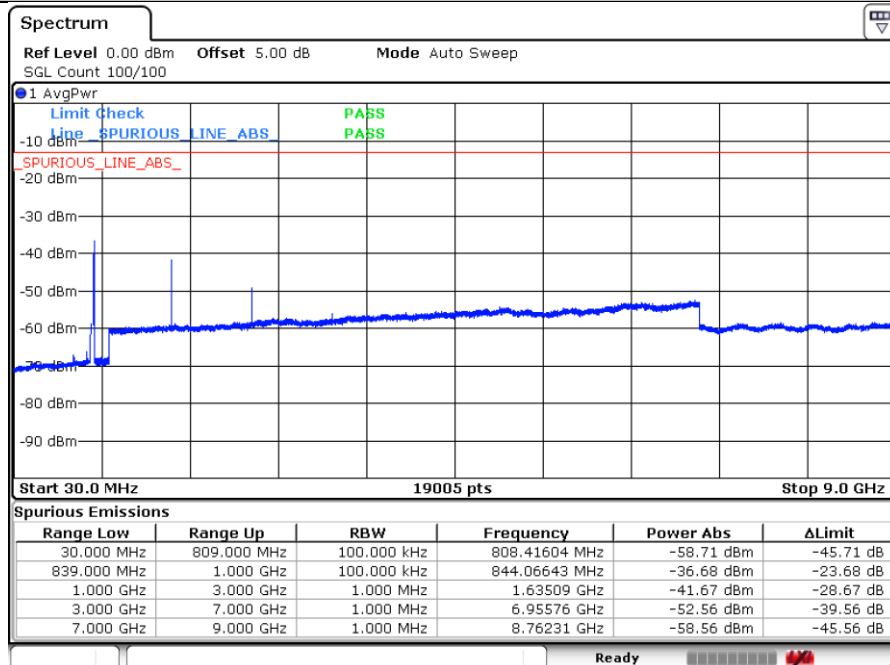
Middle Channel / QPSK



Date: 27.AUG.2022 05:13:50

LTE Band 26 / 15MHz

Lowest Channel / QPSK



Date: 5.SEP.2022 17:56:02

**Frequency Stability**

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0028	PASS
40	Normal Voltage	0.0037	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0028	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0026	

Note: Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Carl Ni	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 26 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1632	-65.01	-13	-52.01	-71.98	1.58	10.70	H
	2440	-60.26	-13	-47.26	-68.51	2.102	12.50	H
	3256	-58.66	-13	-45.66	-67.55	2.856	13.90	H
	1632	-64.44	-13	-51.44	-71.41	1.58	10.70	V
	2440	-58.48	-13	-45.48	-66.73	2.10	12.50	V
	3256	-58.96	-13	-45.96	-67.85	2.86	13.90	V

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