

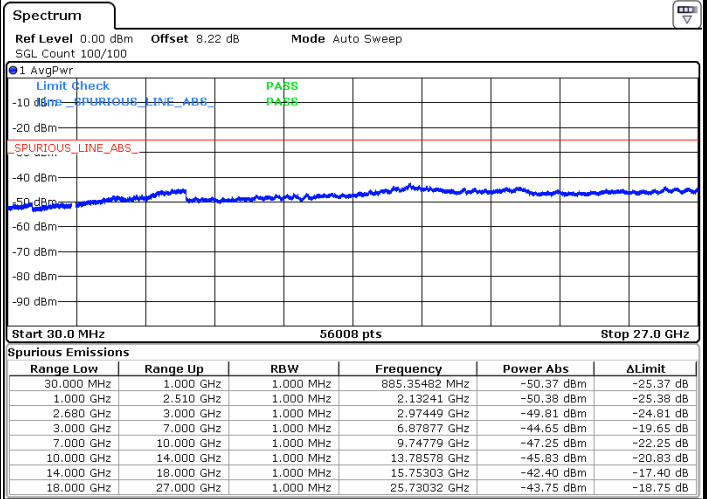
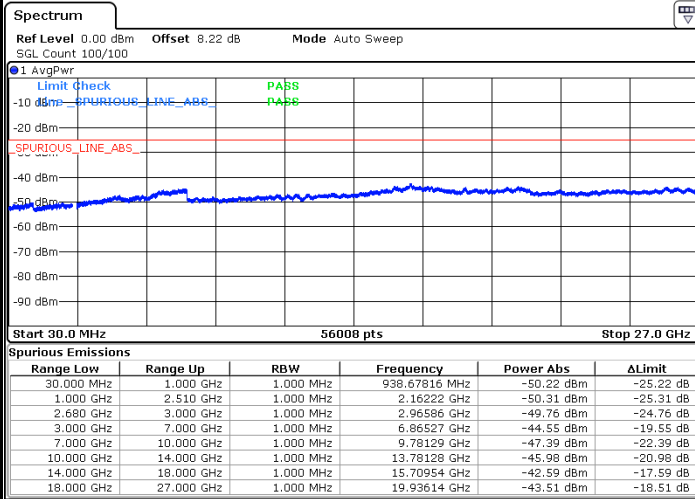


Conducted Spurious Emission

LTE Band 41 / 5MHz /1RB0

Lowest Channel / QPSK

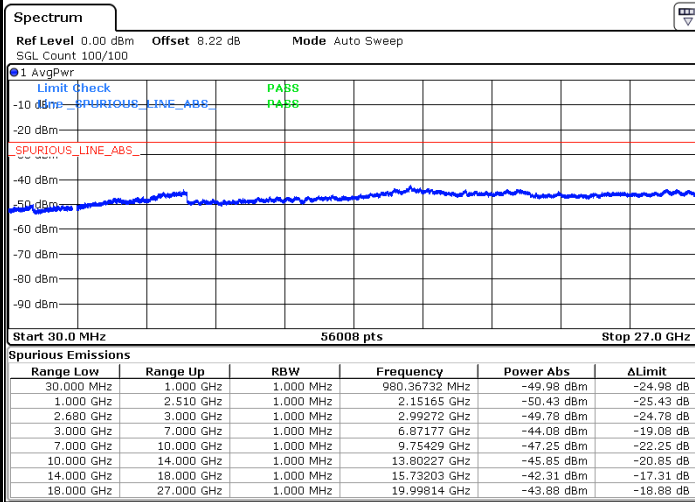
Middle Channel / QPSK



Date: 5.DEC.2020 21:42:38

Date: 5.DEC.2020 21:41:37

Highest Channel / QPSK



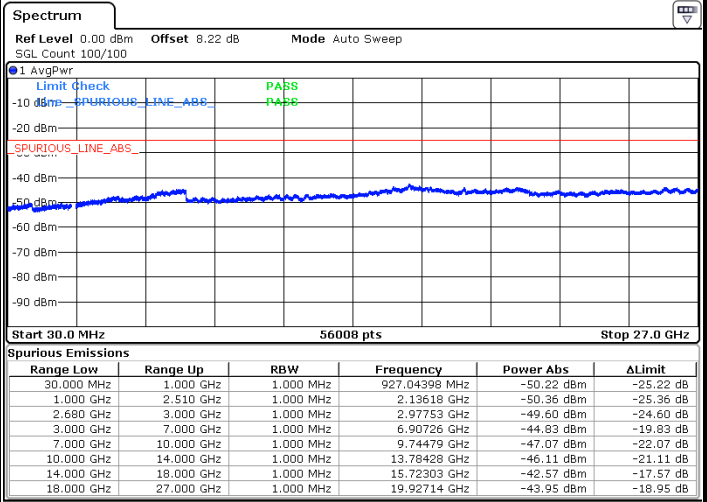
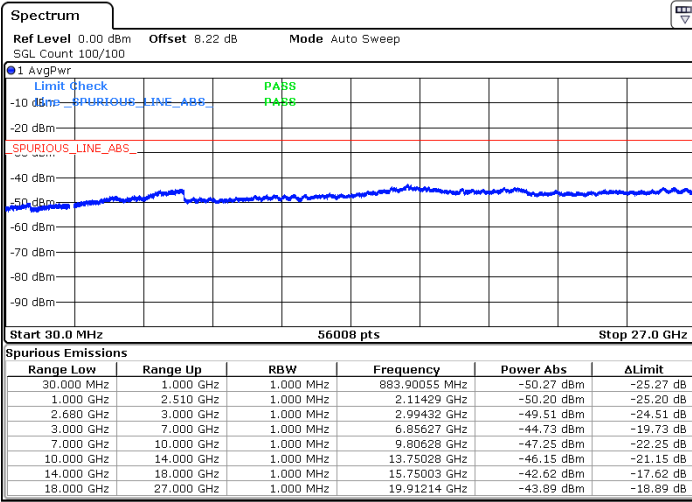
Date: 5.DEC.2020 21:40:10



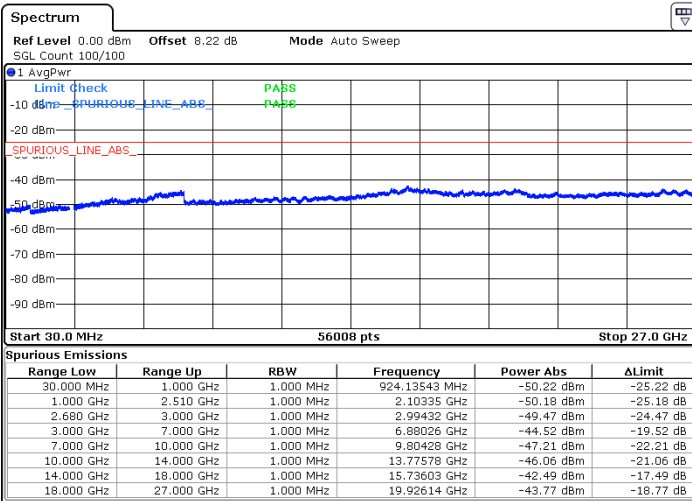
LTE Band 41 / 10MHz /1RB0

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

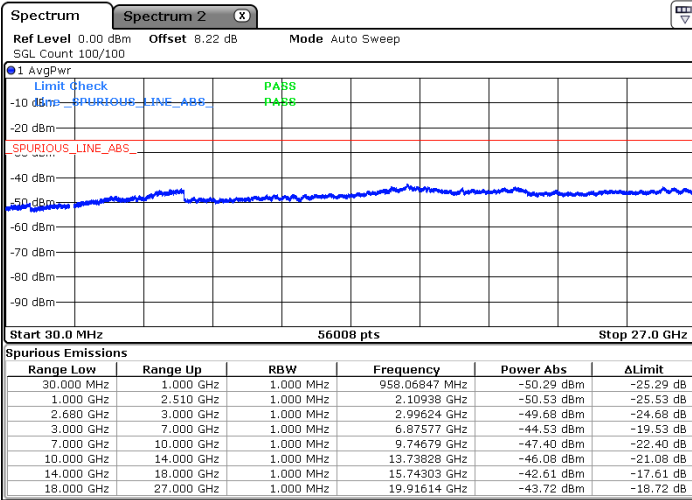




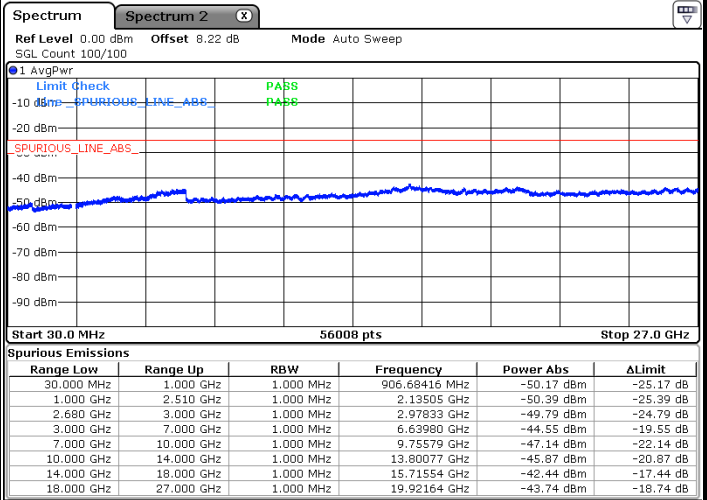
LTE Band 41 / 15MHz /1RB0

Lowest Channel / QPSK

Middle Channel / QPSK

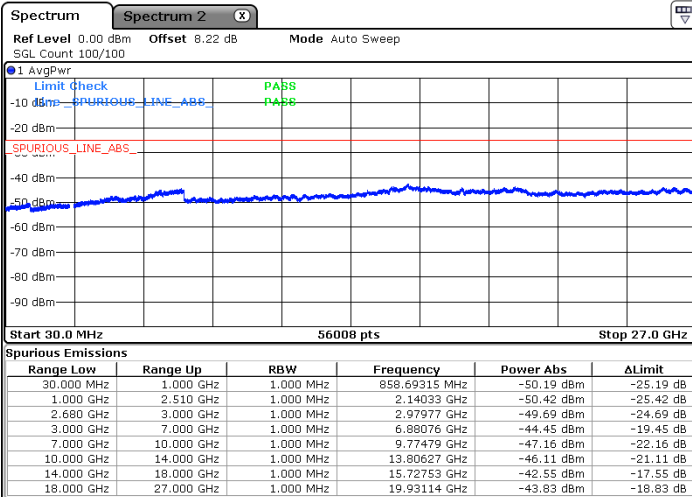


Date: 5.DEC.2020 20:23:51



Date: 5.DEC.2020 20:25:07

Highest Channel / QPSK



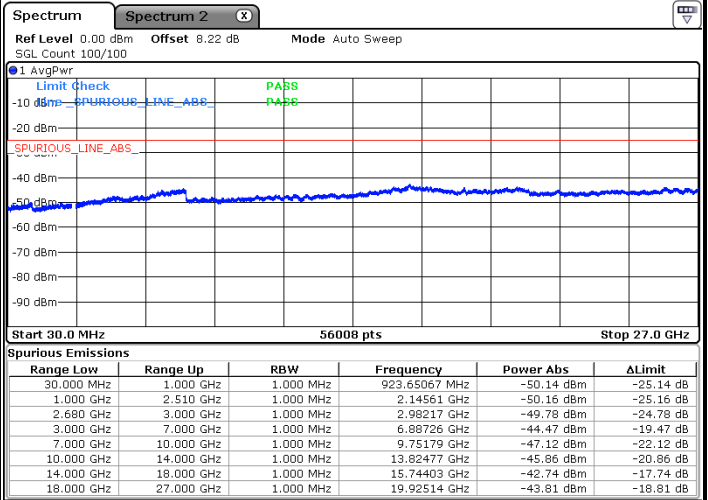
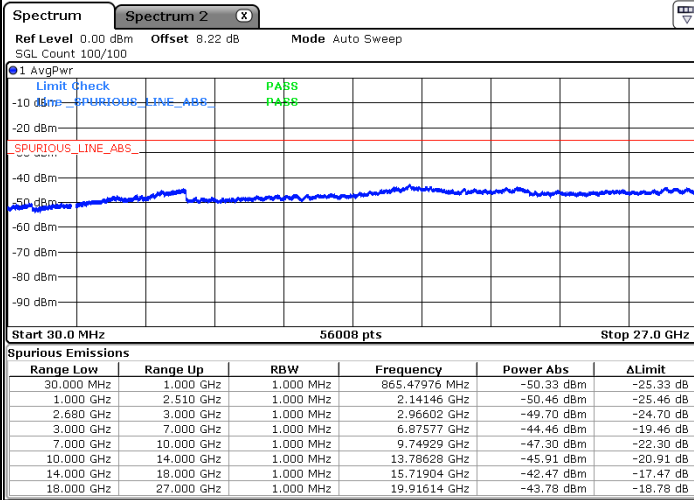
Date: 5.DEC.2020 20:26:22



LTE Band 41 / 20MHz/1RB0

Lowest Channel / QPSK

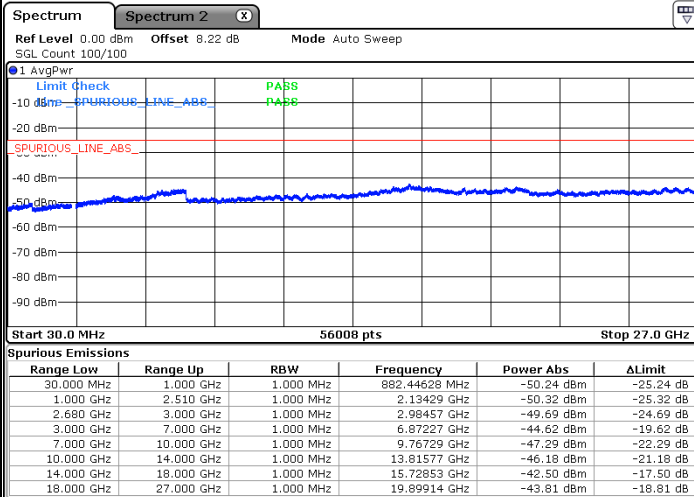
Middle Channel / QPSK



Date: 5.DEC.2020 19:54:45

Date: 5.DEC.2020 19:53:20

Highest Channel / QPSK



Date: 5.DEC.2020 19:37:50



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0052	PASS
40	Normal Voltage	0.0086	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0064	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0020	

Note:

1. Normal Voltage =3.8V. ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.4V.
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	-61.03	-25	-36.03	-71.24	3.03	13.24	H
	7760	-60.61	-25	-35.61	-70.06	3.56	13.01	H
	10340	-58.33	-25	-33.33	-67.85	3.92	13.44	H
	5172	-61.17	-25	-36.17	-71.38	3.03	13.24	V
	7760	-60.72	-25	-35.72	-70.17	3.56	13.01	V
	10340	-58.89	-25	-33.89	-68.41	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 FG080310B which is issued separately.