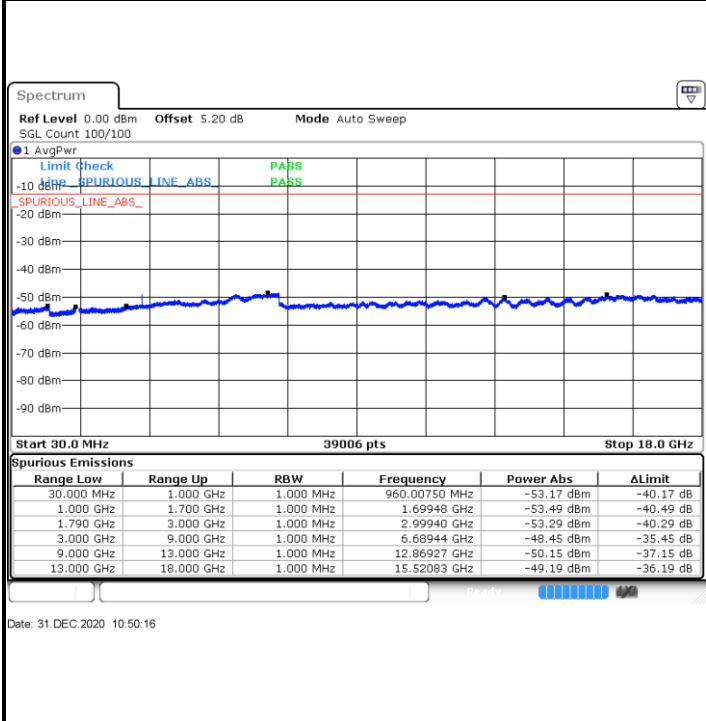


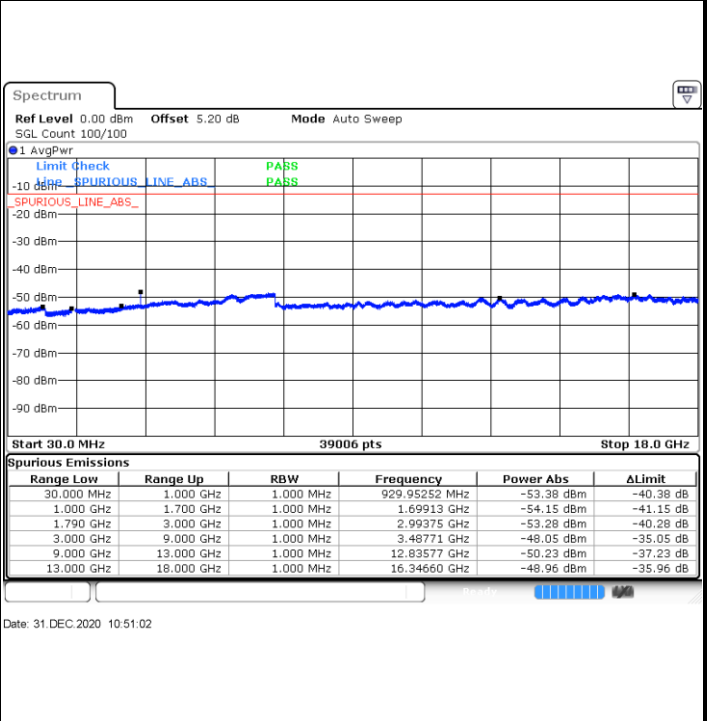


LTE Band 66 / 3MHz

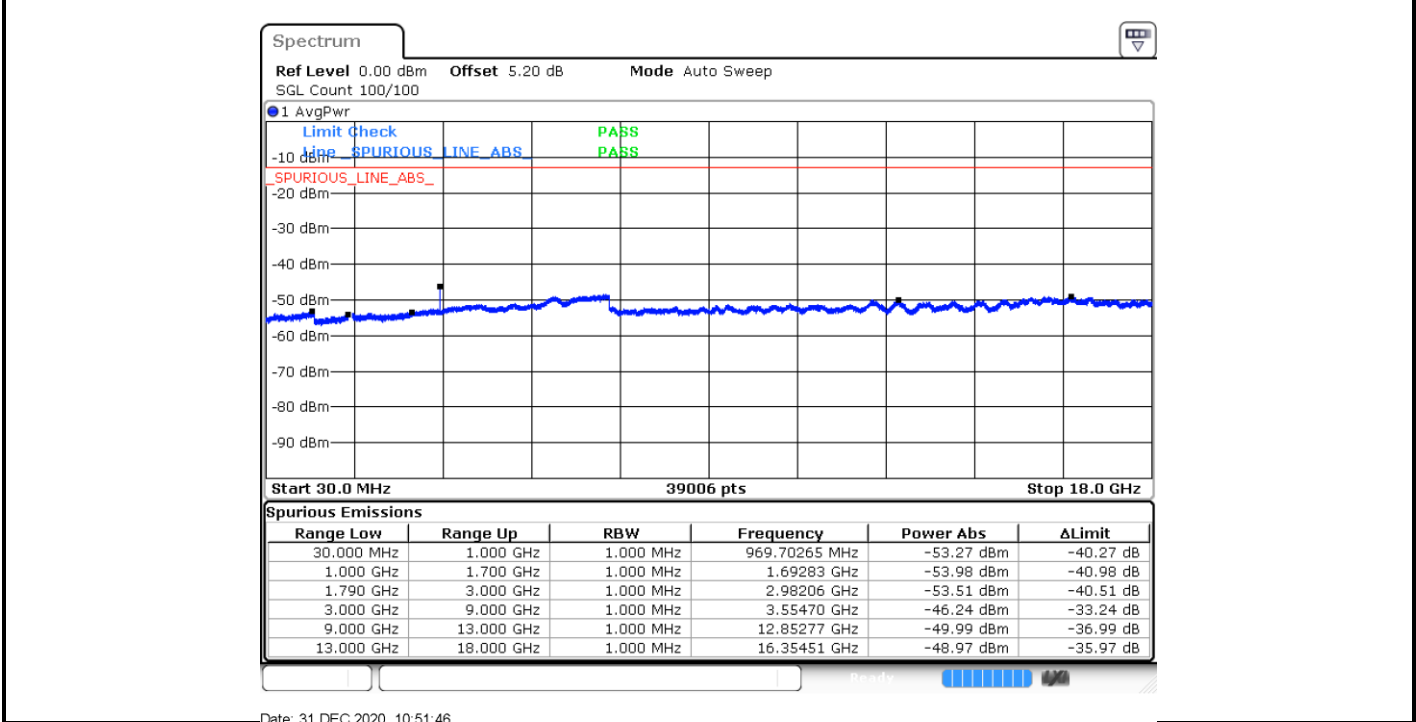
Lowest Channel / QPSK



Middle Channel / QPSK



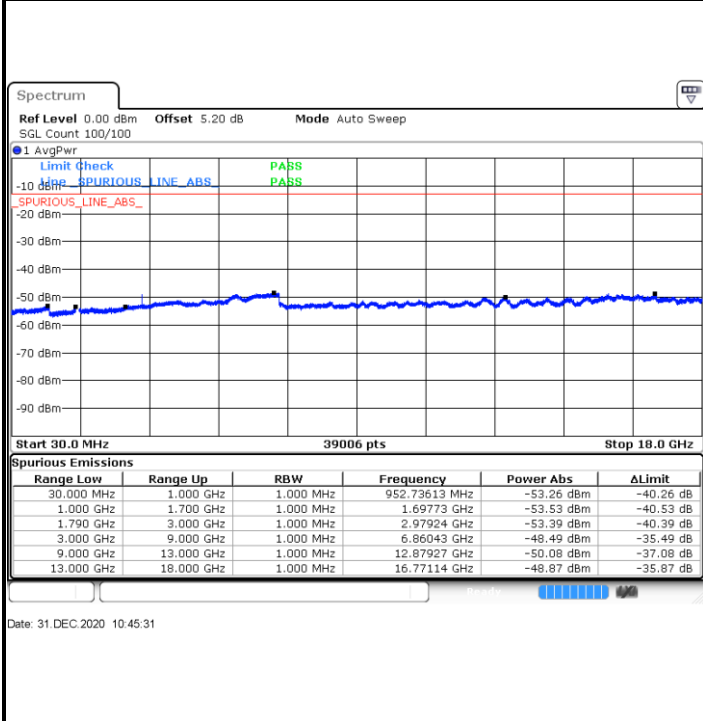
Highest Channel / QPSK



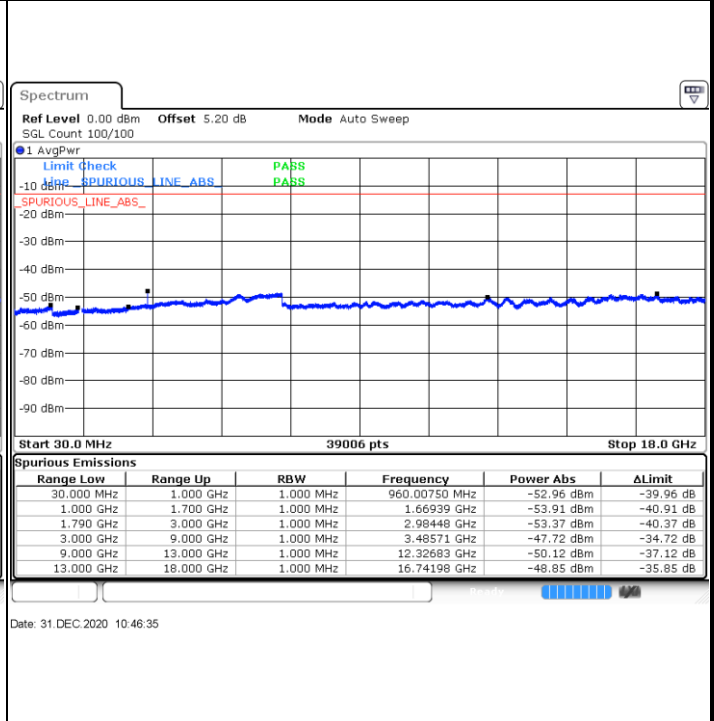


LTE Band 66 / 5MHz

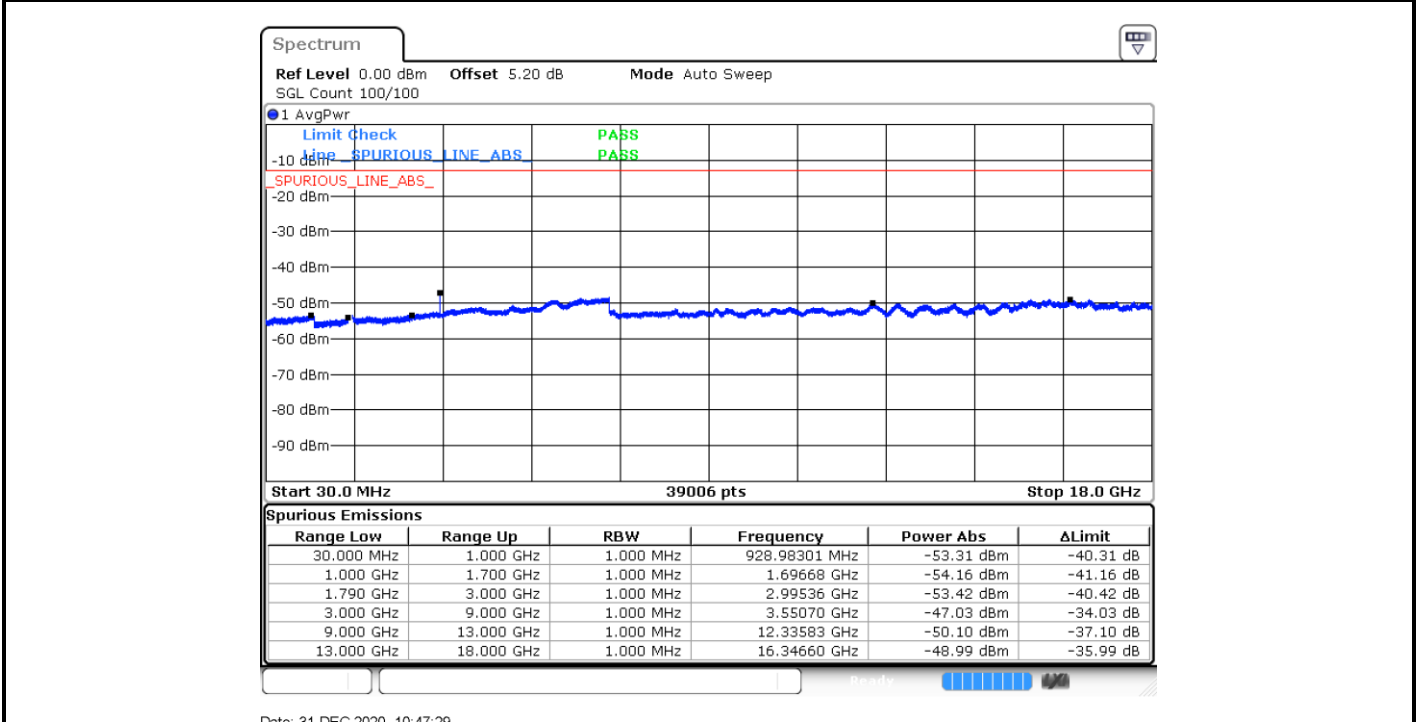
Lowest Channel / QPSK



Middle Channel / QPSK



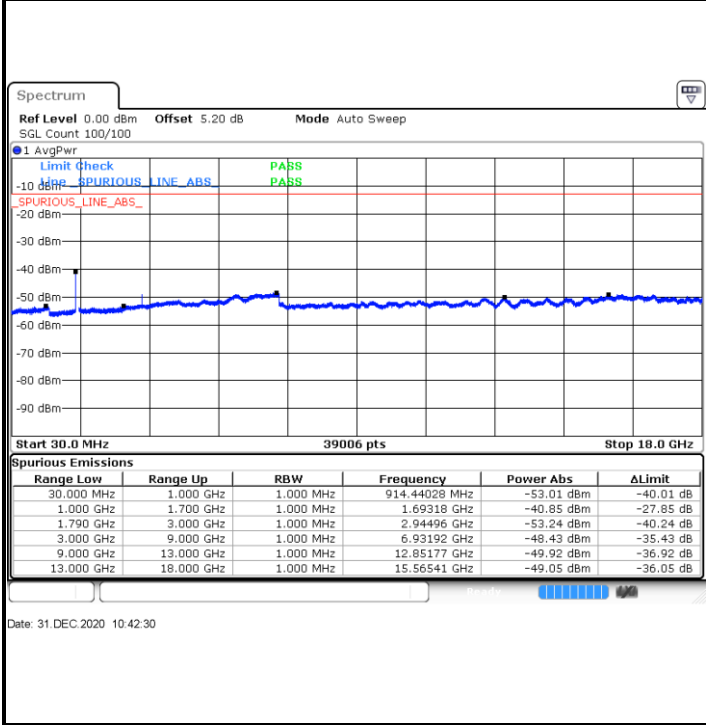
Highest Channel / QPSK



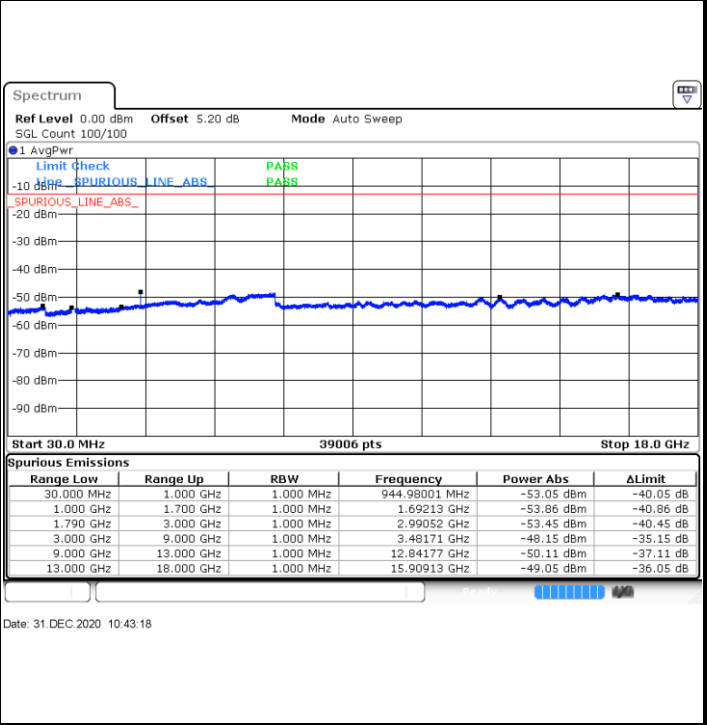


LTE Band 66 / 10MHz

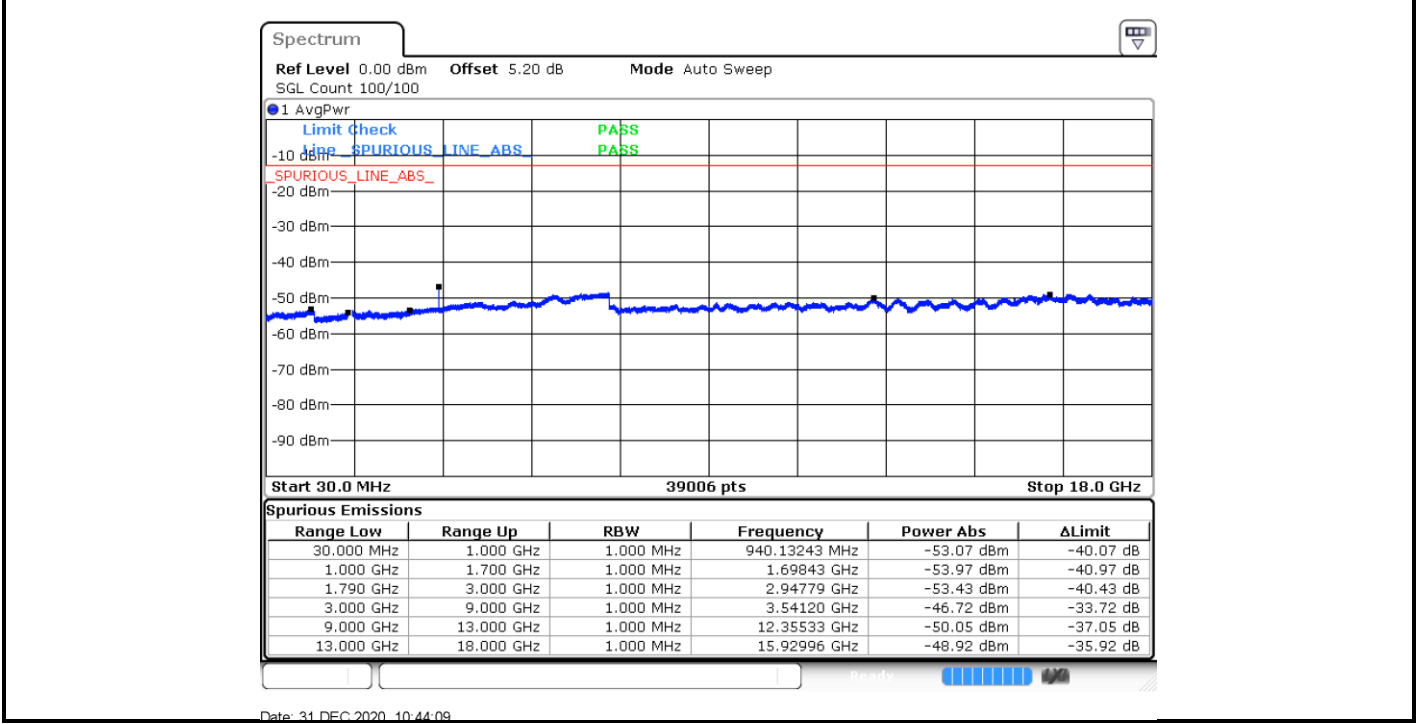
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

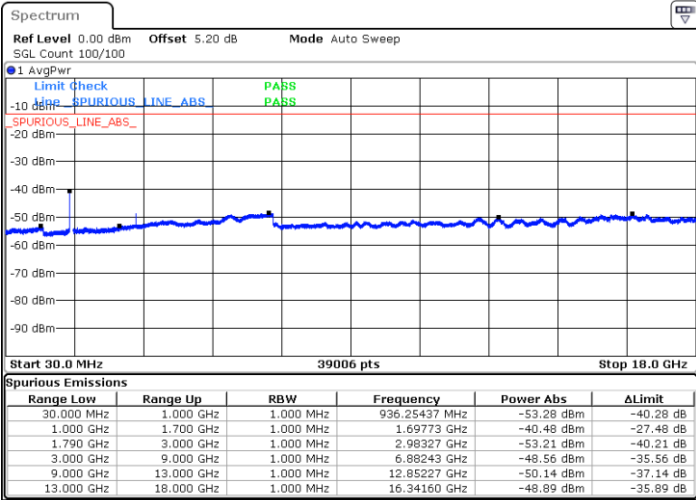




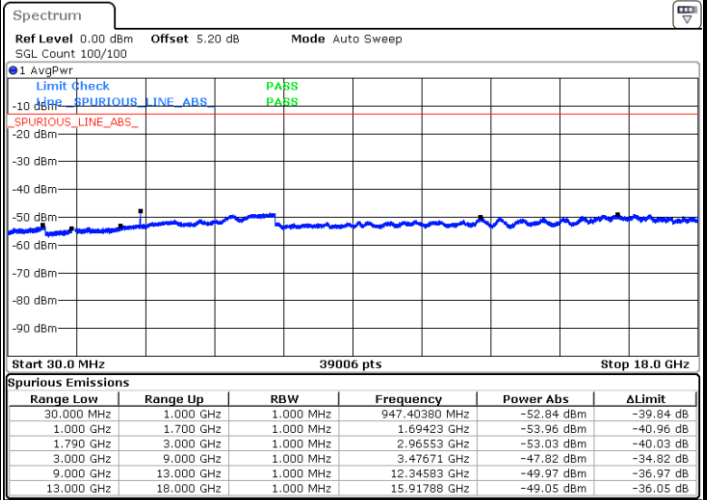
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

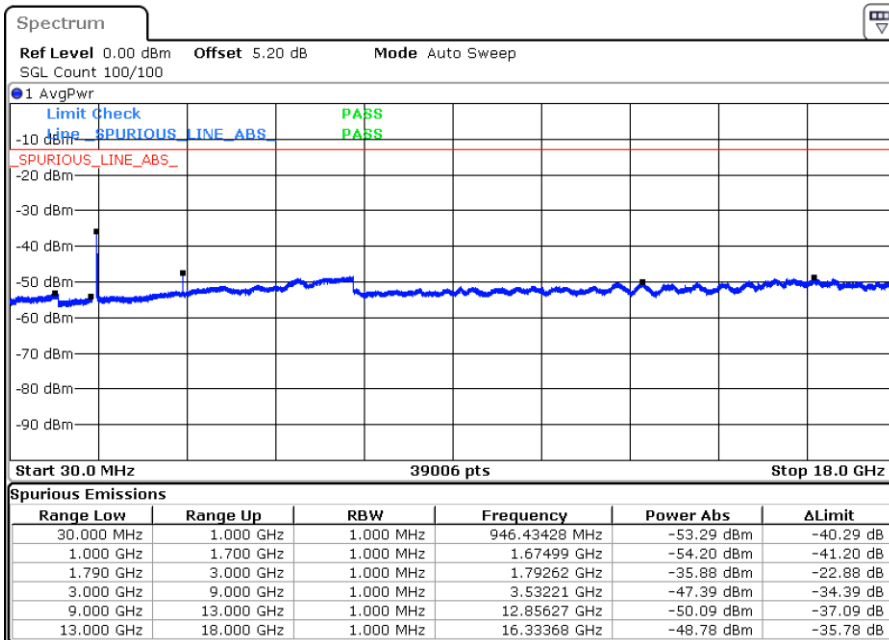


Date: 31 DEC 2020 10:39:51



Date: 31 DEC 2020 10:40:40

Highest Channel / QPSK

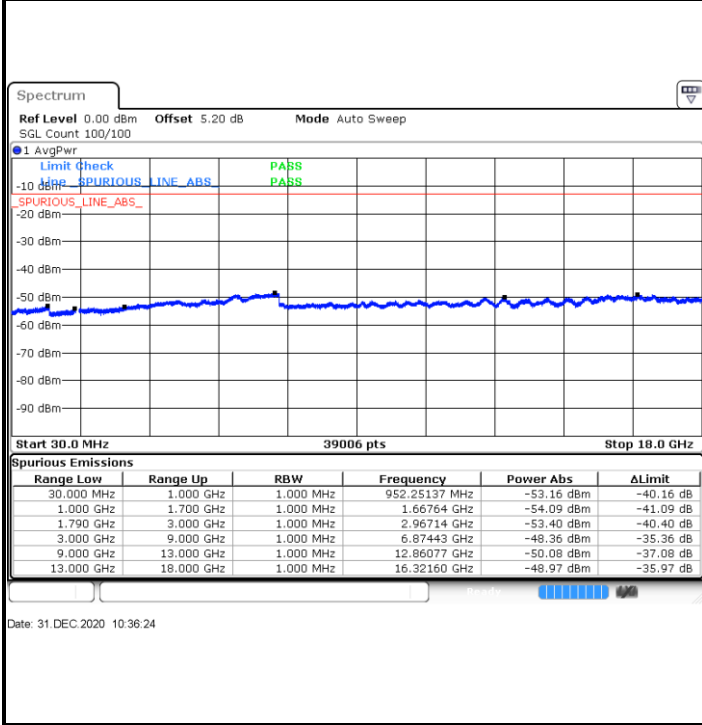


Date: 31 DEC 2020 10:41:26

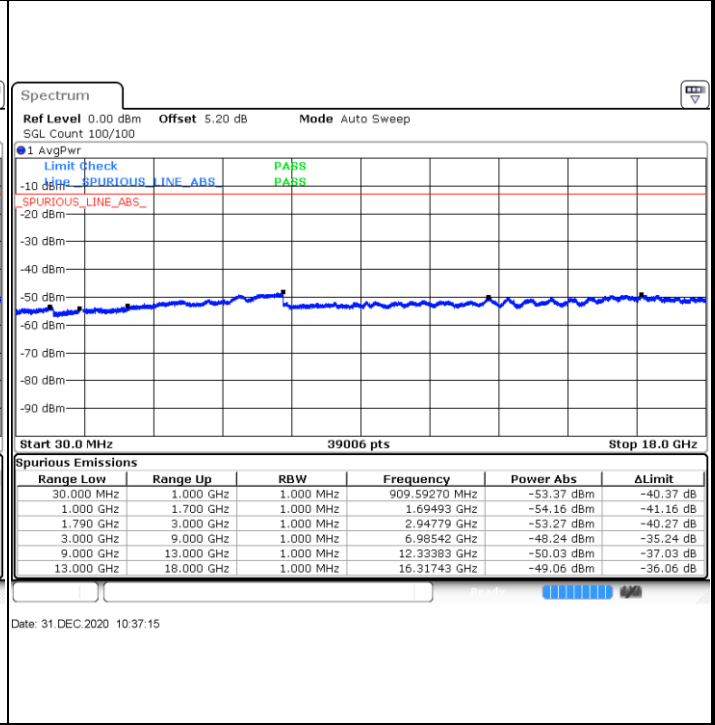


LTE Band 66 / 20MHz

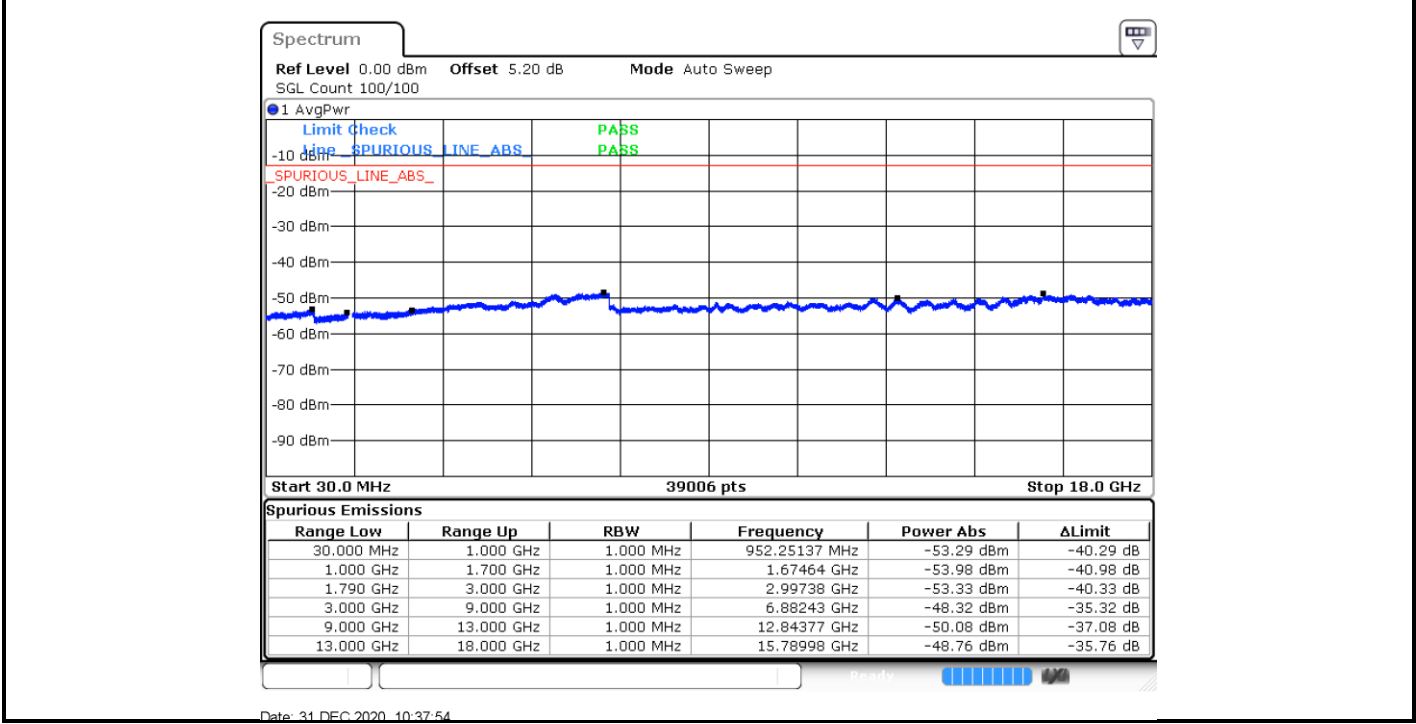
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0053	

Note:

1. Normal Voltage =4 V. ; Battery End Point (BEP) =3.8 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 2 / 20MHz / 16QAM								
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	3741	-54.35	-13	-41.35	-60.61	1.843	8.10	H
	5613	-51.80	-13	-38.80	-60.11	2.19	10.50	H
	7488	-50.12	-13	-37.12	-59.04	2.58	11.50	H
	3741	-54.83	-13	-41.83	-61.09	1.84	8.10	V
	5613	-52.04	-13	-39.04	-60.35	2.19	10.50	V
	7488	-49.65	-13	-36.65	-58.57	2.58	11.50	V

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

LTE Band 5 / 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	1664	-58.02	-13	-45.02	-61.26	1.11	6.50	H
	2496	-59.24	-13	-46.24	-61.86	1.43	6.20	H
	3330	-58.25	-13	-45.25	-62.69	1.71	8.30	H
	1664	-59.49	-13	-46.49	-62.73	1.11	6.50	V
	2496	-58.84	-13	-45.84	-61.46	1.43	6.20	V
	3330	-58.07	-13	-45.07	-62.51	1.71	8.30	V

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



LTE Band 12 / 10MHz / 16QAM								
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	1406	-65.51	-13	-52.51	-68.75	1.11	6.50	H
	2108	-61.53	-13	-48.53	-64.15	1.43	6.20	H
	2812	-59.61	-13	-46.61	-64.05	1.71	8.30	H
	3516	-58.36	-13	-45.36	-63.08	1.93	8.80	H
	1406	-65.44	-13	-52.44	-68.68	1.11	6.50	V
	2108	-60.27	-13	-47.27	-62.89	1.43	6.20	V
	2812	-58.29	-13	-45.29	-62.73	1.71	8.30	V
	3516	-58.38	-13	-45.38	-63.10	1.93	8.80	V

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

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	5168	-55.31	-25	-30.31	-63.74	1.93	10.36	H
	7752	-48.57	-25	-23.57	-57.80	2.64	11.87	H
	10340	-51.25	-25	-26.25	-62.08	2.64	13.47	H
	12920	-59.30	-25	-34.30	-66.18	6.91	13.78	H
	15500	-50.42	-25	-25.42	-57.81	7.74	15.13	H
	5168	-60.17	-25	-35.17	-68.60	1.93	10.36	V
	7752	-56.64	-25	-31.64	-65.87	2.64	11.87	V
	10340	-52.24	-25	-27.24	-63.07	2.64	13.47	V
	12920	-61.62	-25	-36.62	-68.50	6.91	13.78	V
	15500	-53.37	-25	-28.37	-60.03	7.55	14.21	V

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



LTE Band 66 / 20MHz / 16QAM								
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	3471	-56.84	-13	-43.84	-63.53	1.75	8.44	H
	5208	-52.36	-13	-39.36	-60.78	1.94	10.36	H
	6948	-48.16	-13	-35.16	-57.40	2.47	11.71	H
	3471	-56.76	-13	-43.76	-63.45	1.75	8.44	V
	5208	-51.96	-13	-38.96	-60.38	1.94	10.36	V
	6948	-49.35	-13	-36.35	-58.59	2.47	11.71	V

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