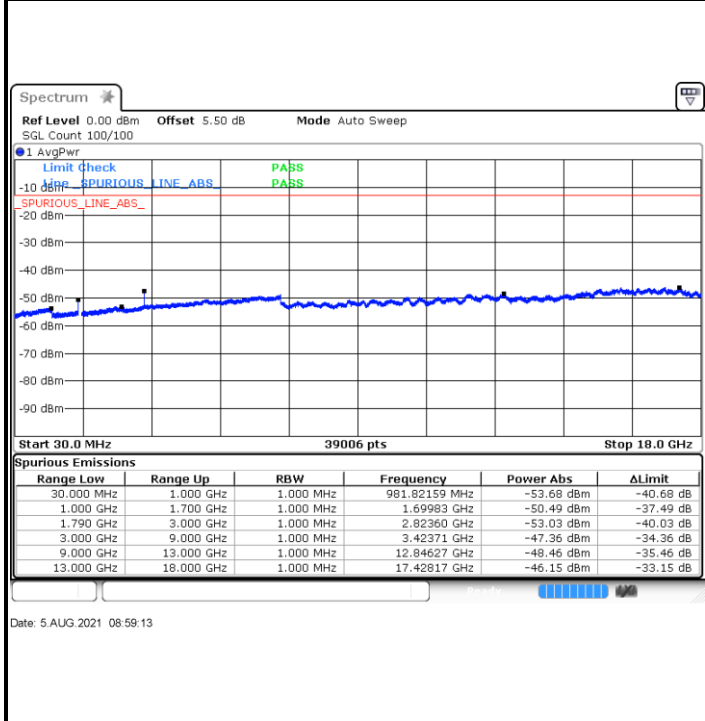


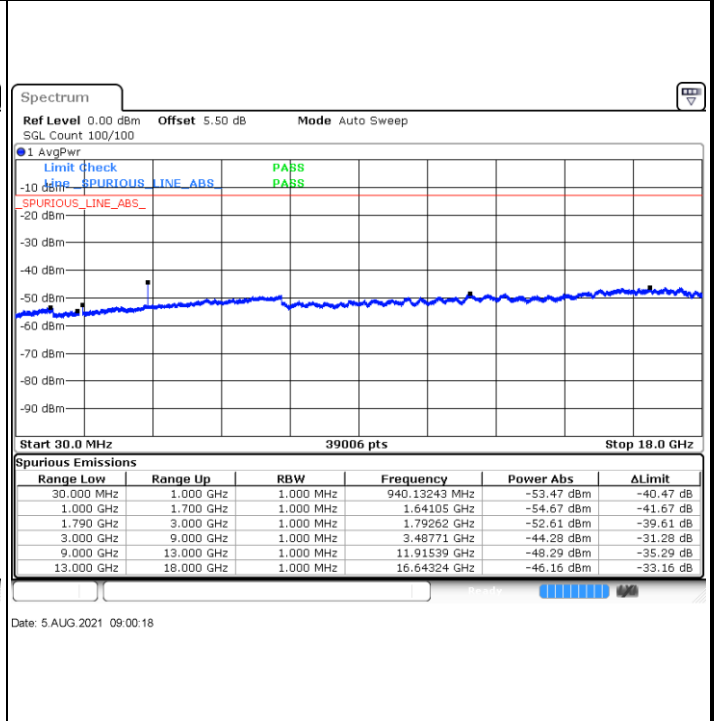


LTE Band 66 / 3MHz

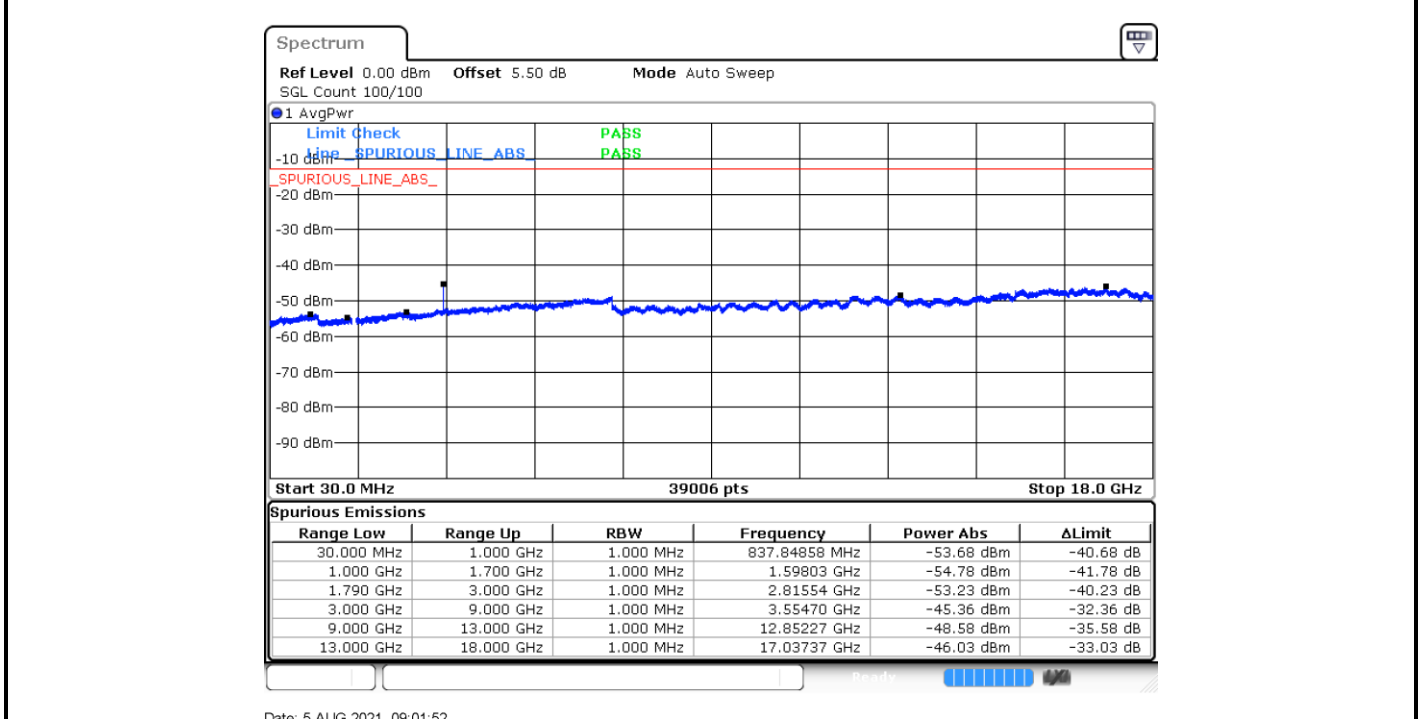
Lowest Channel / QPSK



Middle Channel / QPSK



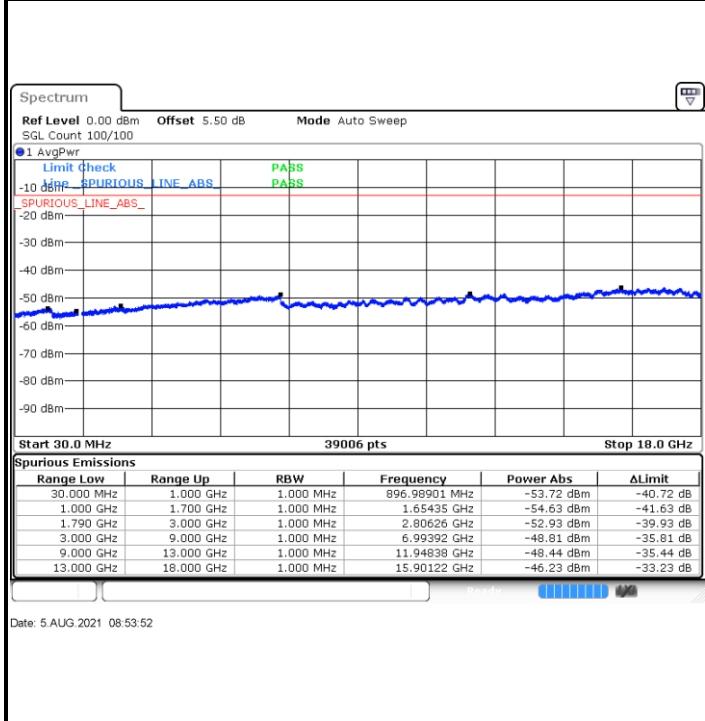
Highest Channel / QPSK



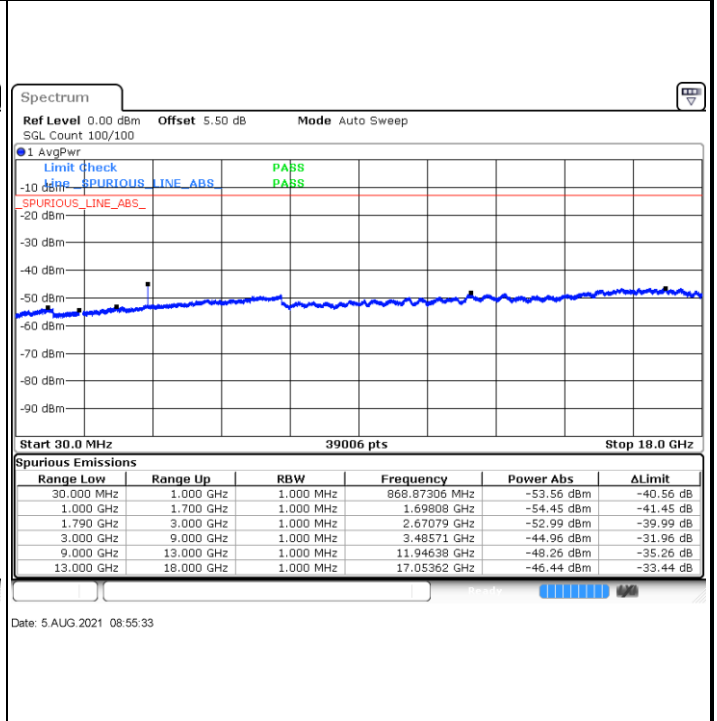


LTE Band 66 / 5MHz

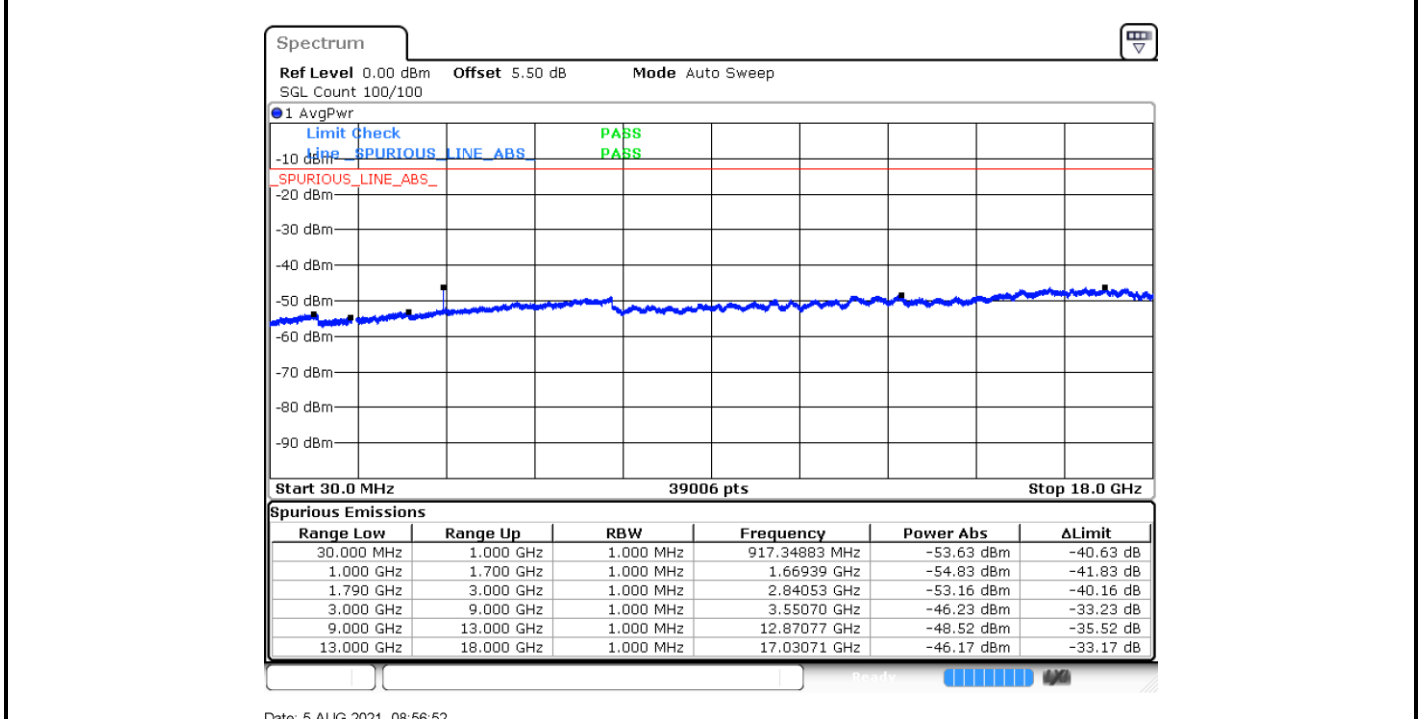
Lowest Channel / QPSK



Middle Channel / QPSK



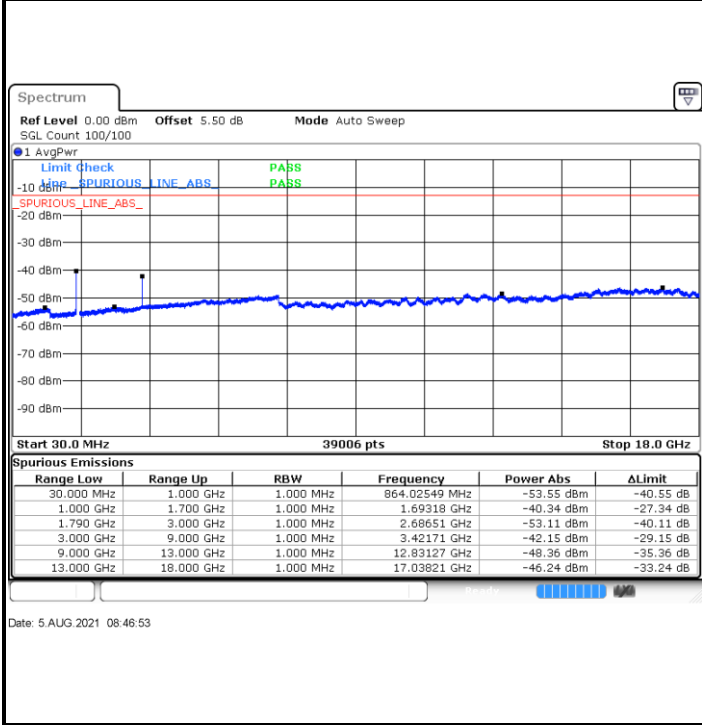
Highest Channel / QPSK



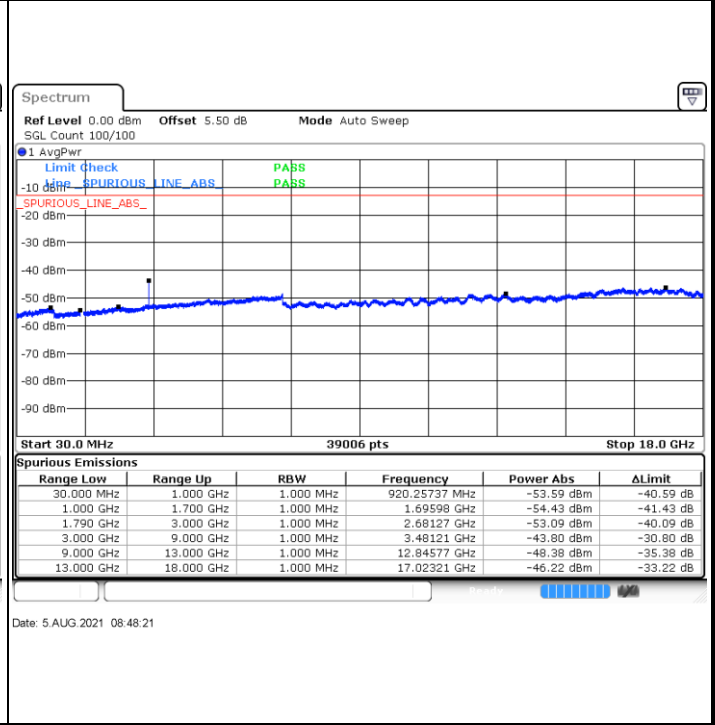


LTE Band 66 / 10MHz

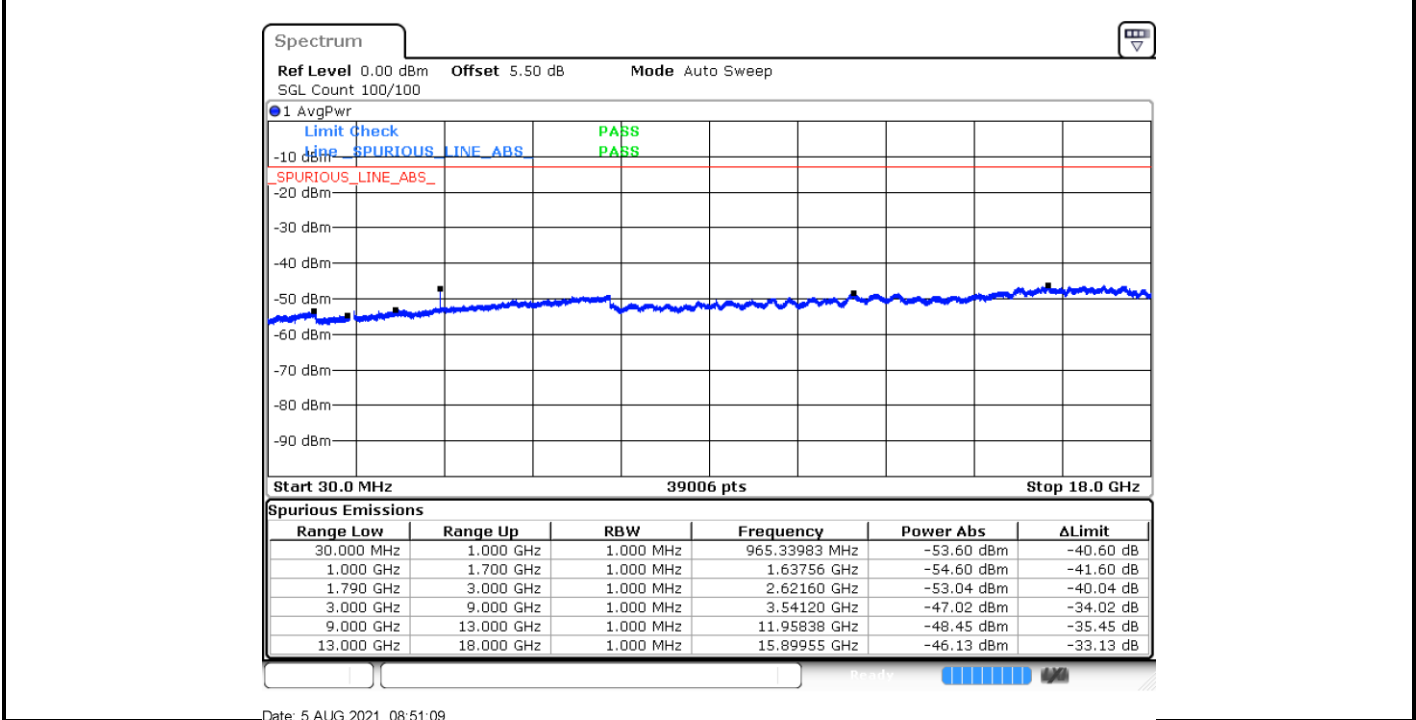
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK

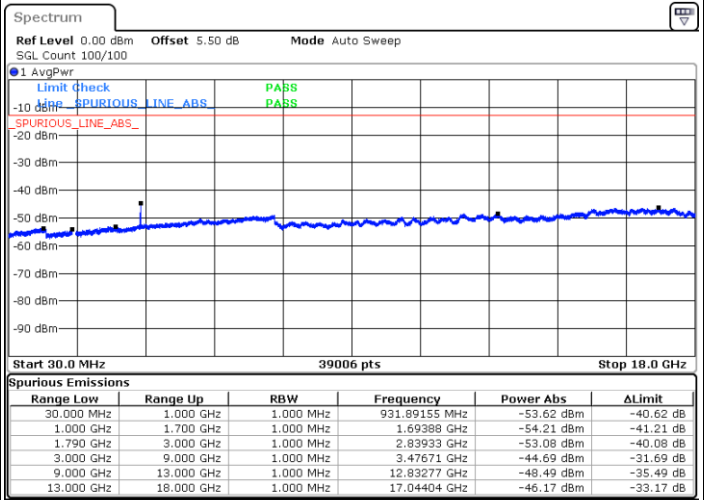
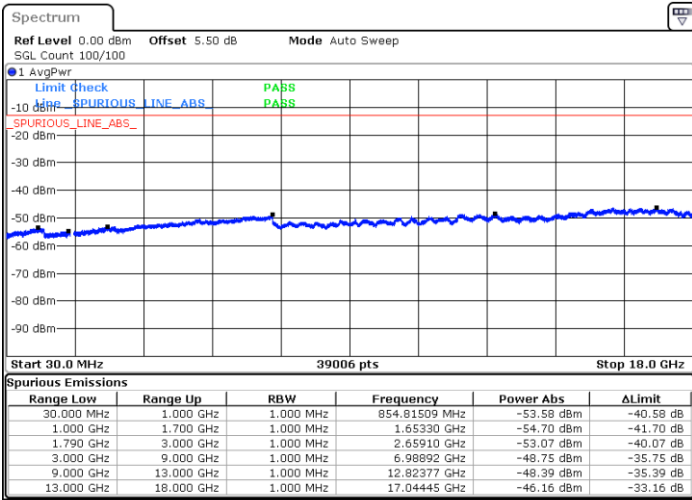




LTE Band 66 / 15MHz

Lowest Channel / QPSK

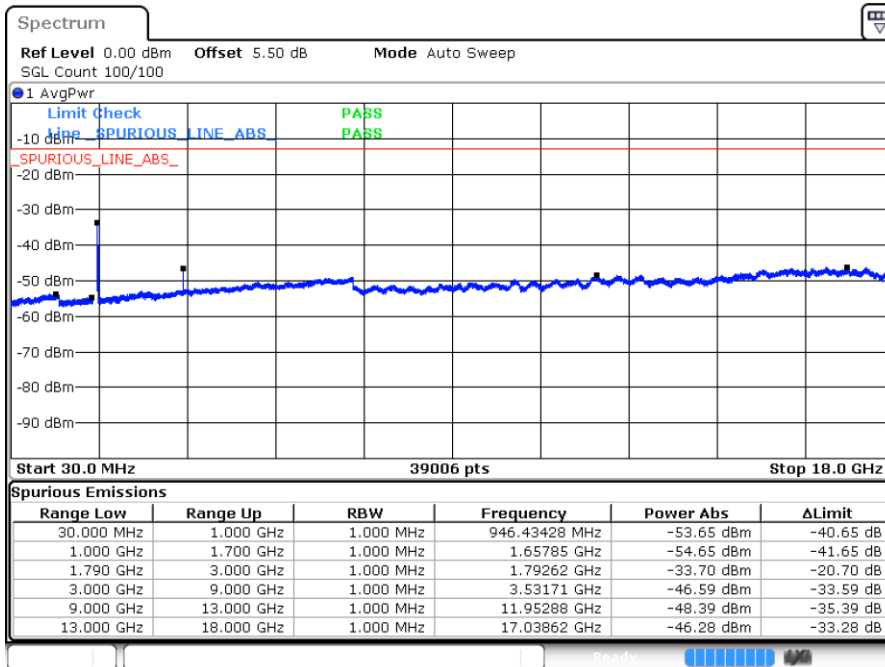
Middle Channel / QPSK



Date: 5 AUG 2021 08:41:36

Date: 5 AUG 2021 08:43:21

Highest Channel / QPSK



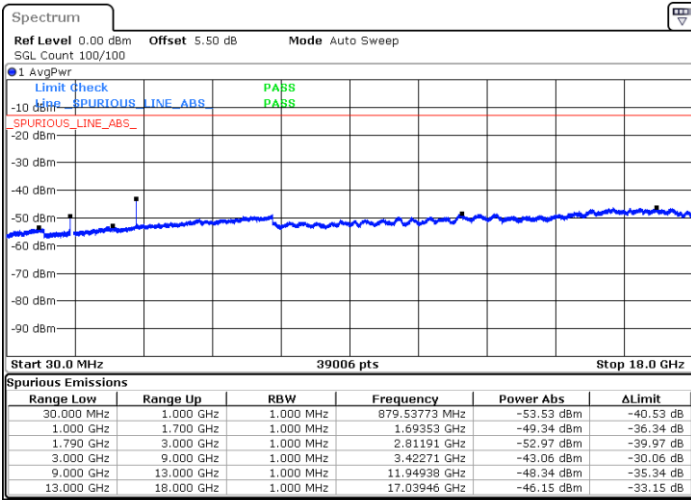
Date: 5 AUG 2021 08:44:48



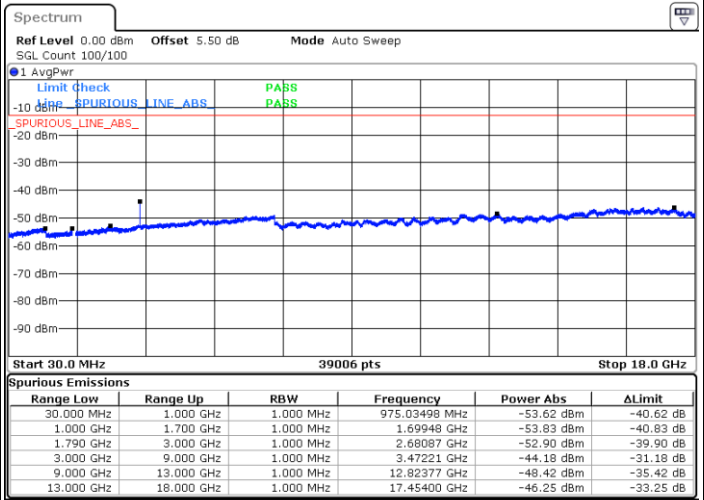
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

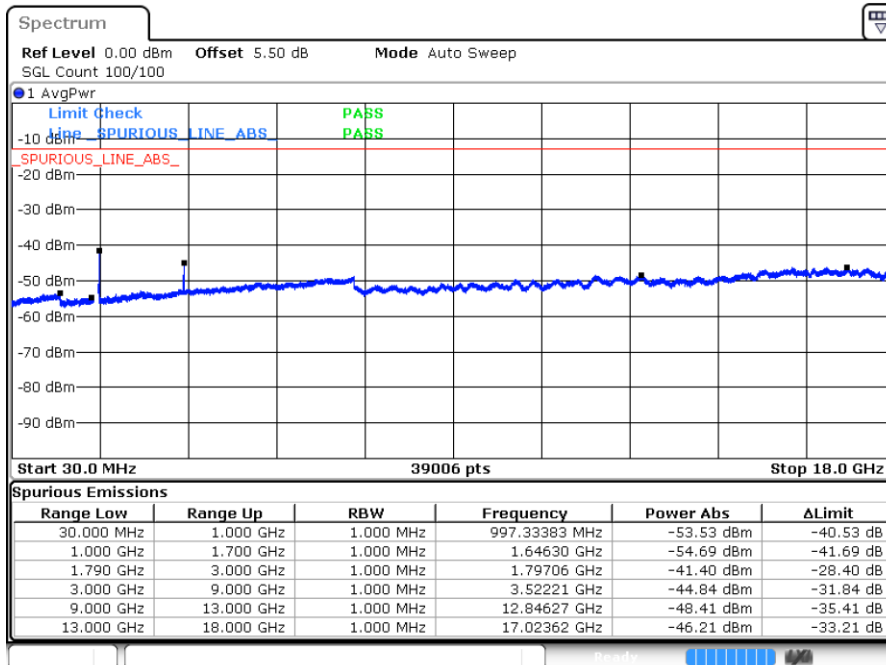


Date: 5 AUG 2021 08:39:44



Date: 5 AUG 2021 09:32:48

Highest Channel / QPSK



Date: 5 AUG 2021 08:38:11



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	0.0002	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0010	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage 3.85 V. ; Battery End Point (BEP) =3.65 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 / 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	3741	-55.81	-13	-42.81	-68.07	2.64	14.90	H
	5613	-52.63	-13	-39.63	-64.49	2.94	14.80	H
	7488	-52.05	-13	-39.05	-61.82	3.39	13.16	H
	3741	-55.77	-13	-42.77	-68.03	2.64	14.90	V
	5613	-54.61	-13	-41.61	-66.47	2.94	14.80	V
	7488	-52.62	-13	-39.62	-62.39	3.39	13.16	V

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

LTE Band 7 / 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	5052	-61.69	-25	-36.69	-71.90	3.03	13.24	H
	7580	-61.15	-25	-36.15	-70.60	3.56	13.01	H
	10340	-58.91	-25	-33.91	-68.43	3.92	13.44	H
	5052	-62.33	-25	-37.33	-72.54	3.03	13.24	V
	7580	-61.74	-25	-36.74	-71.19	3.56	13.01	V
	10340	-59.29	-25	-34.29	-68.81	3.92	13.44	V

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

LTE Band 12 / 10 MHz / 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	1406	-65.09	-13	-52.09	-72.06	1.58	10.70	H
	2110	-59.51	-13	-46.51	-68.14	1.72	12.50	H
	2812	-57.39	-13	-44.39	-67.18	1.96	13.90	H
	3516	-57.59	-13	-44.59	-66.29	2.45	13.30	H
	1406	-64.40	-13	-51.40	-71.37	1.58	10.70	V
	2110	-58.22	-13	-45.22	-66.85	1.72	12.50	V
	2812	-56.80	-13	-43.80	-66.59	1.96	13.90	V
	3516	-57.87	-13	-44.87	-66.57	2.45	13.30	V

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



LTE Band 13 / 5MHz / 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	1560	-64.26	-42.15	-22.11	-66.89	1.09	5.87	H
	2340	-59.93	-13	-46.93	-62.33	1.37	5.92	H
	3120	-58.11	-13	-45.11	-62.00	1.64	7.68	H
	1560	-63.64	-42.15	-21.49	-66.27	1.09	5.87	V
	2340	-58.05	-13	-45.05	-60.45	1.37	5.92	V
	3120	-57.84	-13	-44.84	-61.73	1.64	7.68	V

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

LTE Band 13 / 10MHz / 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	1556	-64.09	-13	-51.09	-66.72	1.09	5.87	H
	2332	-59.15	-13	-46.15	-61.55	1.37	5.92	H
	3108	-57.98	-13	-44.98	-61.87	1.64	7.68	H
	1556	-63.40	-13	-50.40	-66.03	1.09	5.87	V
	2332	-57.62	-13	-44.62	-60.02	1.37	5.92	V
	3108	-57.56	-13	-44.56	-61.45	1.64	7.68	V

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

LTE Band 26 / 15MHz / 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	1660	-63.45	-13	-50.45	-70.42	1.58	10.70	H
	2490	-59.01	-13	-46.01	-67.26	2.102	12.50	H
	3318	-57.85	-13	-44.85	-66.74	2.856	13.90	H
	1660	-62.21	-13	-49.21	-69.18	1.58	10.70	V
	2490	-57.10	-13	-44.10	-65.35	2.10	12.50	V
	3318	-58.07	-13	-45.07	-66.96	2.86	13.90	V

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



LTE Band 66 / 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	3471	-57.66	-13	-44.66	-68.40	2.604	13.34	H
	5208	-54.05	-13	-41.05	-64.56	3.011	13.52	H
	6948	-53.88	-13	-40.88	-64.08	3.271	13.47	H
	3471	-57.82	-13	-44.82	-68.56	2.604	13.34	V
	5208	-54.35	-13	-41.35	-64.86	3.011	13.52	V
	6948	-53.51	-13	-40.51	-63.71	3.271	13.47	V

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