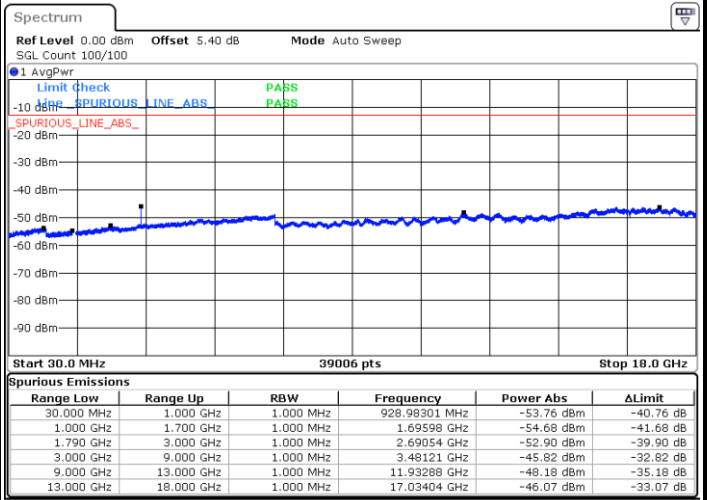
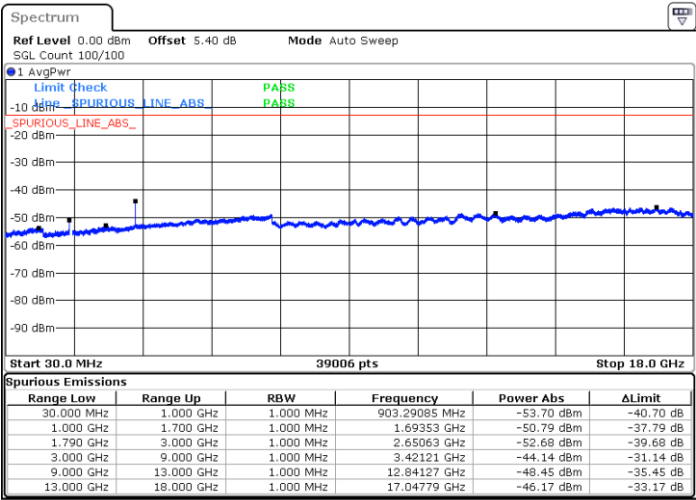




LTE Band 66 / 10MHz

Lowest Channel / QPSK

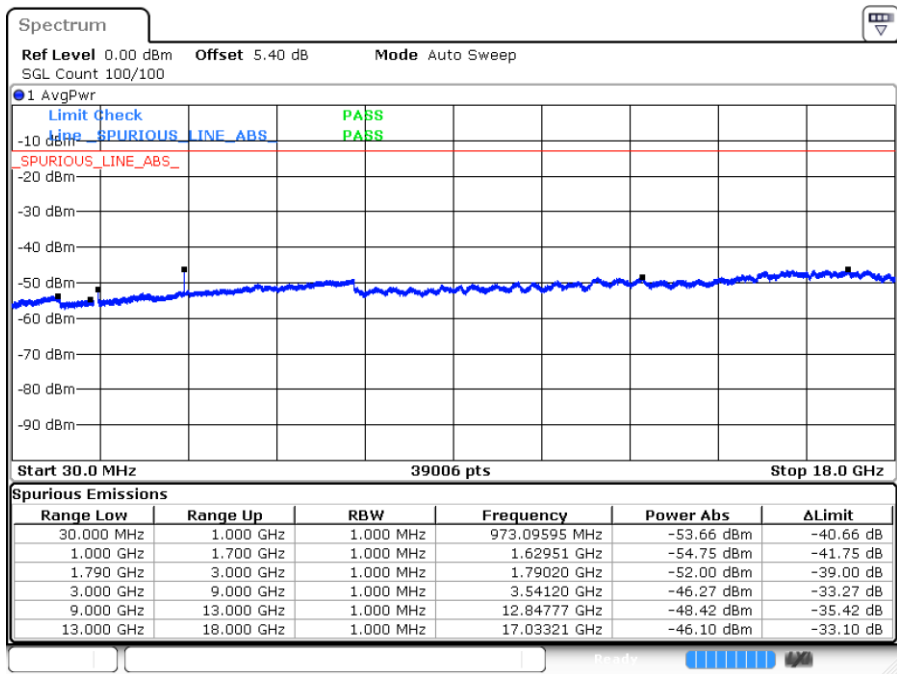
Middle Channel / QPSK



Date: 28 JAN 2022 17:31:19

Date: 28 JAN 2022 17:41:02

Highest Channel / QPSK



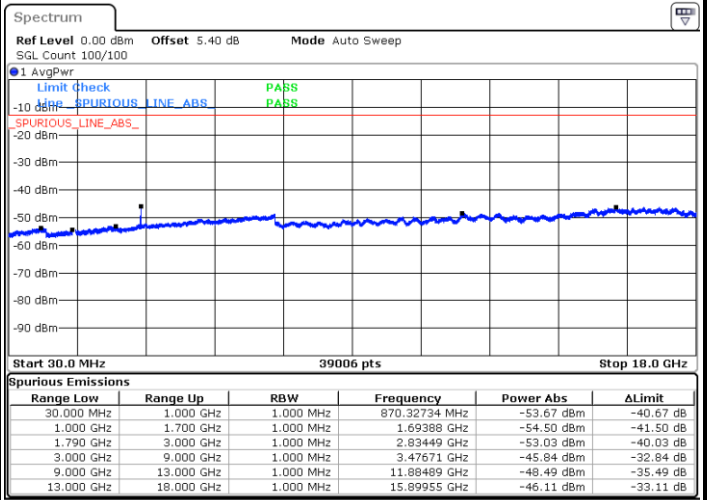
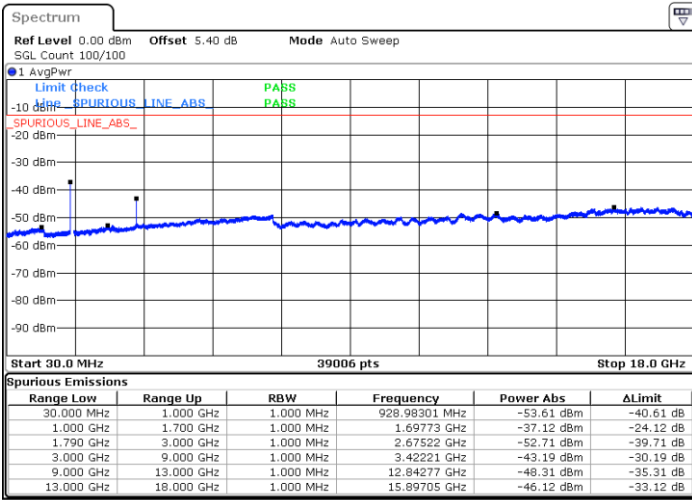
Date: 28 JAN 2022 17:42:47



LTE Band 66 / 15MHz

Lowest Channel / QPSK

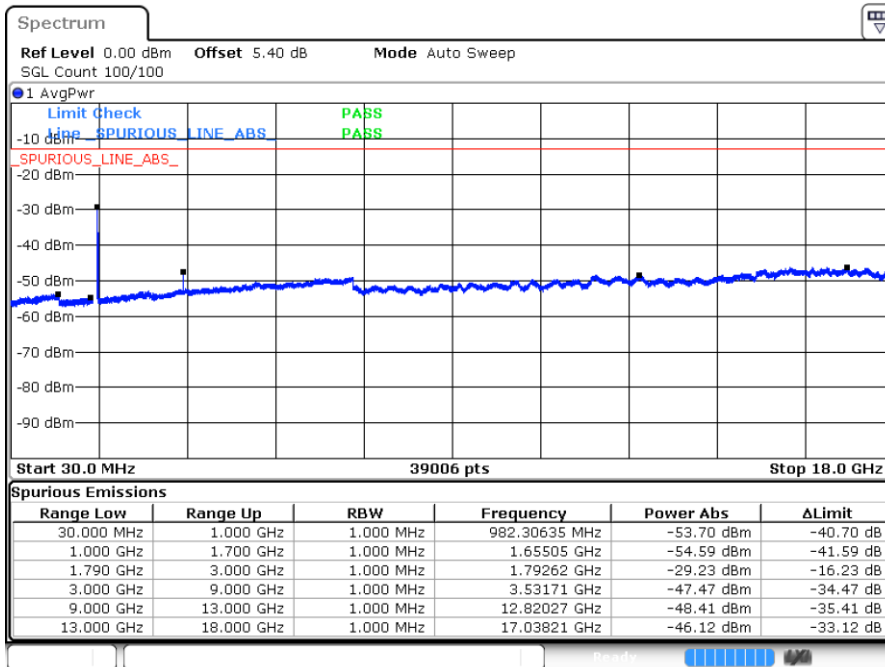
Middle Channel / QPSK



Date: 28 JAN 2022 17:52:31

Date: 28 JAN 2022 18:02:14

Highest Channel / QPSK



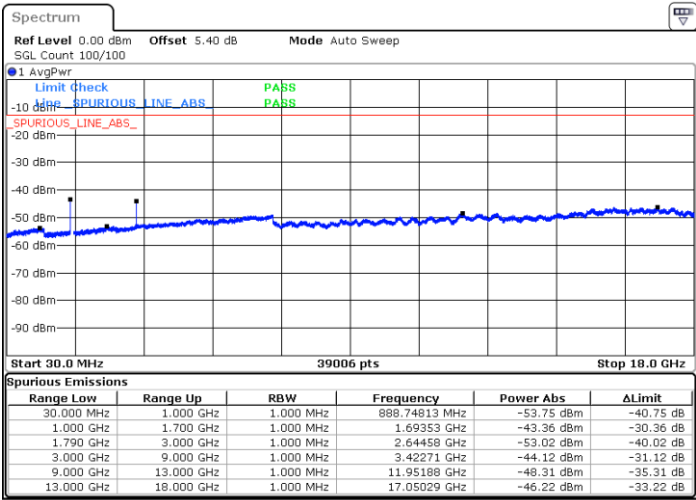
Date: 28 JAN 2022 18:03:55



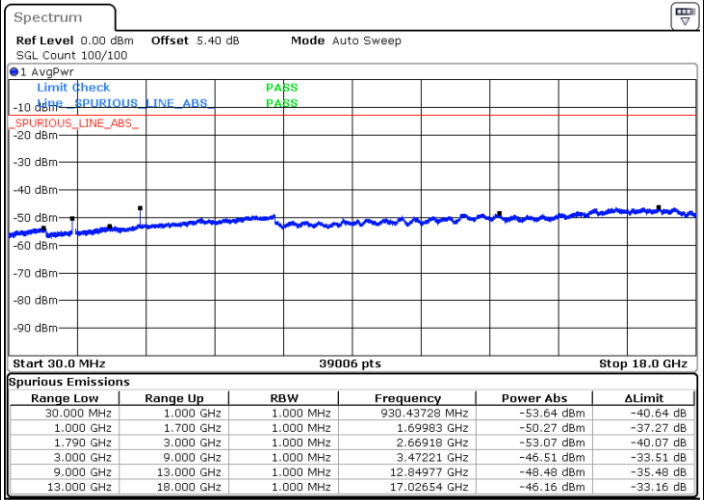
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

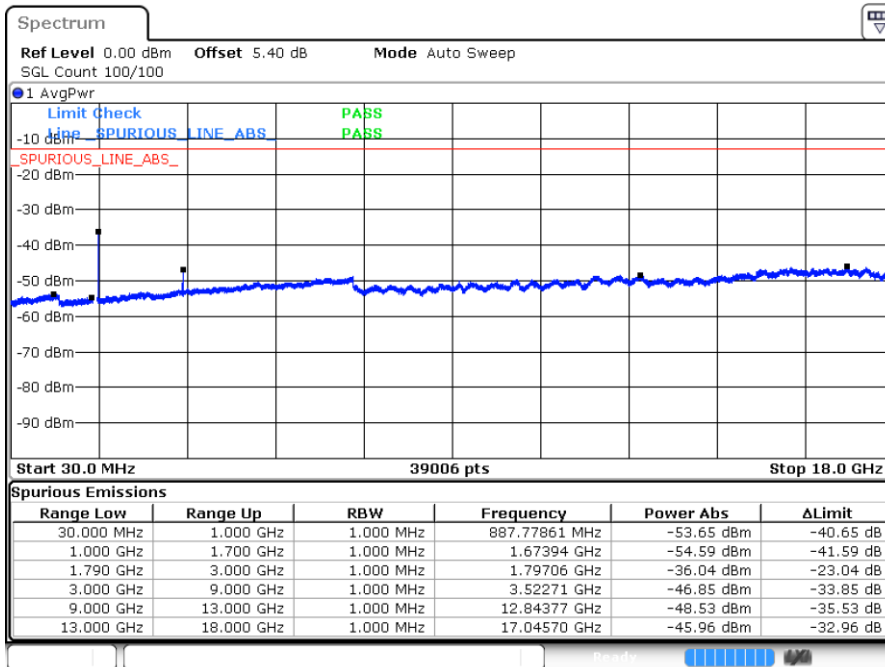


Date: 28 JAN 2022 18:13:38



Date: 28 JAN 2022 18:23:24

Highest Channel / QPSK



Date: 28 JAN 2022 18:25:05



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	0.0026	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0000	
20(Ref.)	Normal Voltage	0.0011	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0026	
20	Battery End Point	0.0019	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Chris Chen	Temperature :	22~23°C
		Relative Humidity :	41~42%

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	-56.91	-13	-43.91	-69.17	2.64	14.90	H
	5613	-54.56	-13	-41.56	-66.42	2.94	14.80	H
	7488	-52.51	-13	-39.51	-62.28	3.39	13.16	H
	3741	-56.77	-13	-43.77	-69.03	2.64	14.90	V
	5613	-55.20	-13	-42.20	-67.06	2.94	14.80	V
	7488	-52.64	-13	-39.64	-62.41	3.39	13.16	V

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

LTE Band 12 / 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	1406	-67.84	-13	-54.84	-74.81	1.58	10.70	H
	2108	-62.29	-13	-49.29	-70.54	2.102	12.50	H
	2812	-59.86	-13	-46.86	-68.75	2.856	13.90	H
	3516	-59.79	-13	-46.79	-68.25	2.689	13.30	H
	1406	-67.24	-13	-54.24	-74.21	1.58	10.70	V
	2108	-61.24	-13	-48.24	-69.49	2.10	12.50	V
	2812	-59.18	-13	-46.18	-68.07	2.86	13.90	V
	3516	-60.10	-13	-47.10	-68.56	2.69	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	-66.33	-42.15	-24.18	-68.96	1.09	5.87	H
	2336	-61.64	-13	-48.64	-64.04	1.37	5.92	H
	3120	-59.75	-13	-46.75	-63.64	1.64	7.68	H
	1560	-65.58	-42.15	-23.43	-68.21	1.09	5.87	V
	2336	-60.43	-13	-47.43	-62.83	1.37	5.92	V
	3120	-59.66	-13	-46.66	-63.55	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)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1552	-66.82	-13	-53.82	-69.45	1.09	5.87	H
	2328	-61.68	-13	-48.68	-64.08	1.37	5.92	H
	3112	-60.21	-13	-47.21	-64.10	1.64	7.68	H
	1552	-65.88	-13	-52.88	-68.51	1.09	5.87	V
	2328	-60.08	-13	-47.08	-62.48	1.37	5.92	V
	3112	-59.86	-13	-46.86	-63.75	1.64	7.68	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	3465	-56.98	-13	-43.98	-67.72	2.604	13.34	H
	5205	-54.02	-13	-41.02	-64.53	3.011	13.52	H
	6945	-53.18	-13	-40.18	-63.38	3.271	13.47	H
	3465	-57.45	-13	-44.45	-68.19	2.604	13.34	V
	5205	-53.59	-13	-40.59	-64.10	3.011	13.52	V
	6945	-53.09	-13	-40.09	-63.29	3.271	13.47	V

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