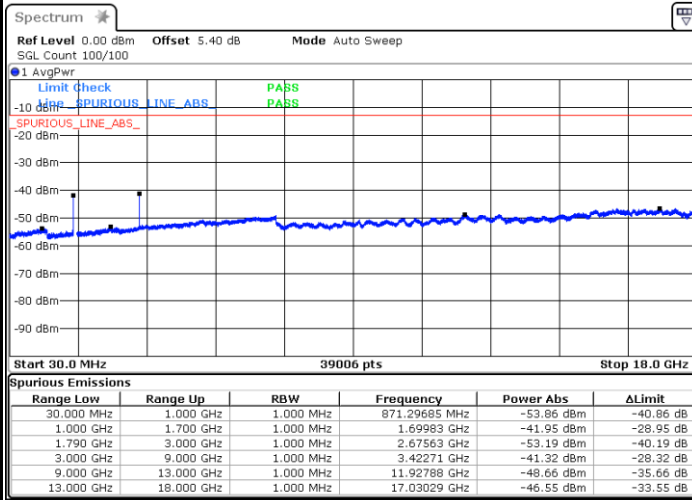




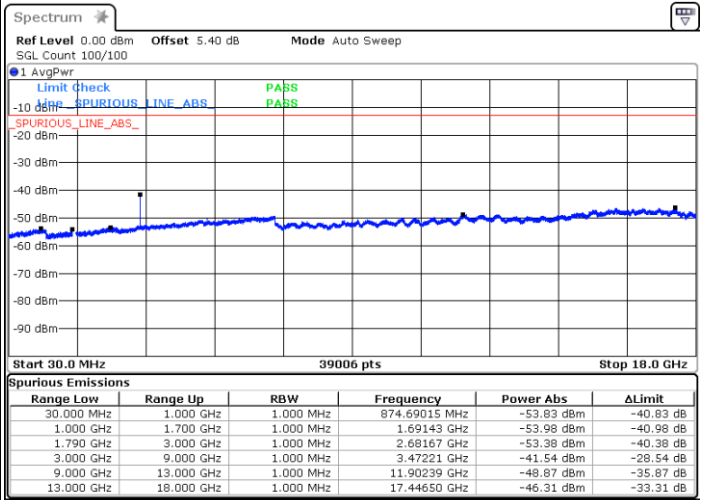
LTE Band 66 / 20MHz

Lowest Channel / QPSK



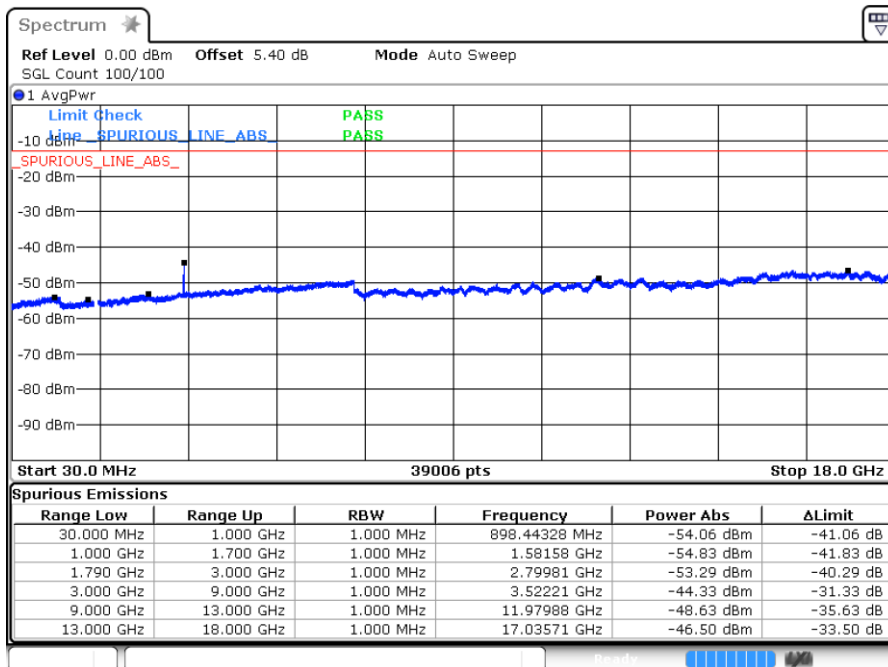
Date: 1 JUL 2021 08:42:24

Middle Channel / QPSK



Date: 1 JUL 2021 08:47:23

Highest Channel / QPSK



Date: 1 JUL 2021 08:53:11

Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage 3.87 V. ; Battery End Point (BEP) =3.6 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

Pre-scanned harmonic in three orthogonal panels, X, Y, Z for the different antenna for Adapter mode and Earphone mode, we choose the worst mode to test.

LTE Band 2 / 20MHz / QPSK Ant 2 for Adapter mode								
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	-53.73	-13	-40.73	-65.99	2.64	14.90	H
	5613	-54.60	-13	-41.60	-66.46	2.94	14.80	H
	7488	-52.36	-13	-39.36	-62.13	3.39	13.16	H
	3741	-54.93	-13	-41.93	-67.19	2.64	14.90	V
	5613	-54.97	-13	-41.97	-66.83	2.94	14.80	V
	7488	-52.27	-13	-39.27	-62.04	3.39	13.16	V

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

LTE Band 12 / 10 MHz / QPSK Ant 1 for Adapter mode								
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	-66.76	-13	-53.76	-73.73	1.58	10.70	H
	2110	-61.72	-13	-48.72	-69.97	2.102	12.50	H
	2812	-59.60	-13	-46.60	-68.49	2.856	13.90	H
	1406	-66.25	-13	-53.25	-73.22	1.58	10.70	V
	2110	-60.67	-13	-47.67	-68.92	2.10	12.50	V
	2812	-59.35	-13	-46.35	-68.24	2.86	13.90	V

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

LTE Band 13 / 5MHz / 16QAM Ant 4 for Adapter mode								
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	-66.18	-42.15	-24.03	-68.81	1.09	5.87	H
	2340	-61.69	-13	-48.69	-64.09	1.37	5.92	H
	3120	-59.50	-13	-46.50	-63.39	1.64	7.68	H
	1560	-65.54	-42.15	-23.39	-68.17	1.09	5.87	V
	2340	-60.06	-13	-47.06	-62.46	1.37	5.92	V
	3120	-59.54	-13	-46.54	-63.43	1.64	7.68	V

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

LTE Band 13 / 10MHz / 16QAM Ant 4 for Adapter mode								
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	-66.32	-13	-53.32	-68.95	1.09	5.87	H
	2332	-61.42	-13	-48.42	-63.82	1.37	5.92	H
	3108	-59.02	-13	-46.02	-62.91	1.64	7.68	H
	1556	-65.41	-13	-52.41	-68.04	1.09	5.87	V
	2332	-59.48	-13	-46.48	-61.88	1.37	5.92	V
	3108	-59.41	-13	-46.41	-63.30	1.64	7.68	V

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

LTE Band 26 / 15MHz / QPSK Ant 1 for Adapter mode								
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	-65.53	-13	-52.53	-72.50	1.58	10.70	H
	2490	-60.46	-13	-47.46	-68.71	2.102	12.50	H
	3318	-60.11	-13	-47.11	-69.00	2.856	13.90	H
	1660	-63.87	-13	-50.87	-70.84	1.58	10.70	V
	2490	-59.00	-13	-46.00	-67.25	2.10	12.50	V
	3318	-59.96	-13	-46.96	-68.85	2.86	13.90	V

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

LTE Band 66 / 20MHz / QPSK Ant 2 for Adapter mode								
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	-57.37	-13	-44.37	-68.11	2.604	13.34	H
	5208	-54.36	-13	-41.36	-64.87	3.011	13.52	H
	6948	-54.14	-13	-41.14	-64.34	3.271	13.47	H
	3471	-57.64	-13	-44.64	-68.38	2.604	13.34	V
	5208	-54.56	-13	-41.56	-65.07	3.011	13.52	V
	6948	-54.26	-13	-41.26	-64.46	3.271	13.47	V

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