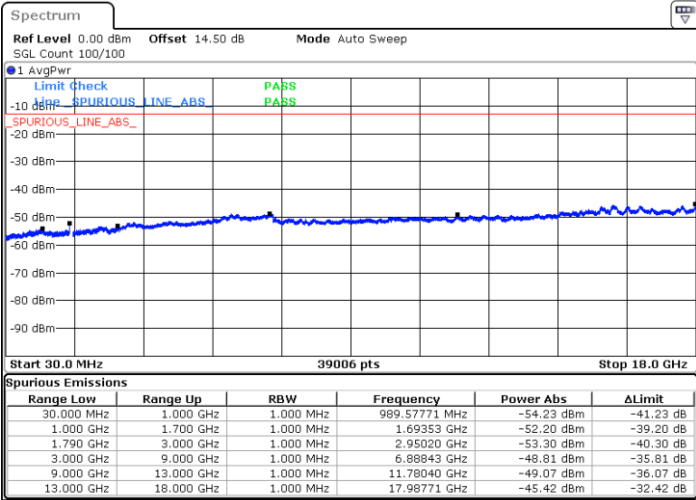




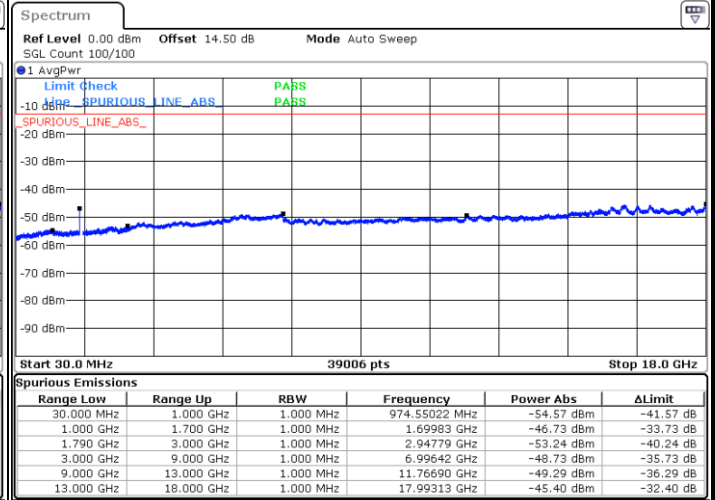
LTE Band 66 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



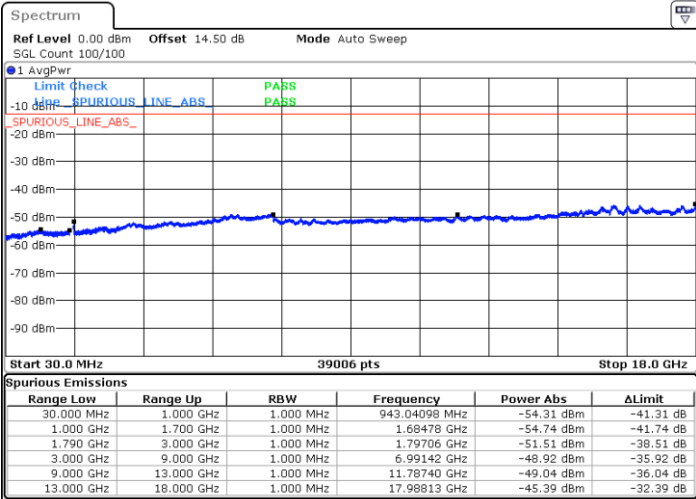
Date: 7.MAR.2023 12:16:57



Date: 7.MAR.2023 12:20:48

Highest Channel / 64QAM

NA



Date: 7.MAR.2023 12:25:45



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
55	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0019	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 2 / 20MHz / QPSK (Ant0)								
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	3735	-49.78	-13	-36.78	-62.04	2.64	14.90	H
	5610	-44.34	-13	-31.34	-56.20	2.94	14.80	H
	7485	-52.41	-13	-39.41	-62.18	3.39	13.16	H
	3735	-53.94	-13	-40.94	-66.20	2.64	14.90	V
	5610	-50.69	-13	-37.69	-62.55	2.94	14.80	V
	7485	-52.75	-13	-39.75	-62.52	3.39	13.16	V

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

LTE Band 2 other PA / 20MHz / QPSK (Ant1)								
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	-51.61	-13	-38.61	-63.87	2.64	14.90	H
	5613	-40.10	-13	-27.10	-51.96	2.94	14.80	H
	7488	-53.09	-13	-40.09	-62.86	3.39	13.16	H
	3741	-53.93	-13	-40.93	-66.19	2.64	14.90	V
	5613	-47.60	-13	-34.60	-59.46	2.94	14.80	V
	7488	-52.80	-13	-39.80	-62.57	3.39	13.16	V

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

LTE Band 26 / 15MHz / QPSK (Ant0)								
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	1656	-65.12	-13	-52.12	-72.09	1.58	10.70	H
	2459.52	-60.93	-13	-47.93	-69.18	2.102	12.50	H
	3319.36	-60.23	-13	-47.23	-69.12	2.856	13.90	H
	1659.68	-64.24	-13	-51.24	-71.21	1.58	10.70	V
	2489.52	-57.77	-13	-44.77	-66.02	2.10	12.50	V
	3320	-61.09	-13	-48.09	-69.98	2.86	13.90	V

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



LTE Band 66 / 20MHz / QPSK (Ant0)								
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	-48.76	-13	-35.76	-59.50	2.604	13.34	H
	5208.27	-54.48	-13	-41.48	-64.99	3.011	13.52	H
	6944.36	-54.47	-13	-41.47	-64.67	3.271	13.47	H
	3465	-57.95	-13	-44.95	-68.69	2.604	13.34	V
	5205	-54.49	-13	-41.49	-65.00	3.011	13.52	V
	6944.36	-54.27	-13	-41.27	-64.47	3.271	13.47	V

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

LTE Band66 other PA / 20MHz / QPSK (Ant1)								
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	-58.05	-13	-45.05	-68.79	2.604	13.34	H
	5205	-54.41	-13	-41.41	-64.92	3.011	13.52	H
	6945	-54.85	-13	-41.85	-65.05	3.271	13.47	H
	3465	-58.02	-13	-45.02	-68.76	2.604	13.34	V
	5205	-54.52	-13	-41.52	-65.03	3.011	13.52	V
	6945	-54.69	-13	-41.69	-64.89	3.271	13.47	V

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