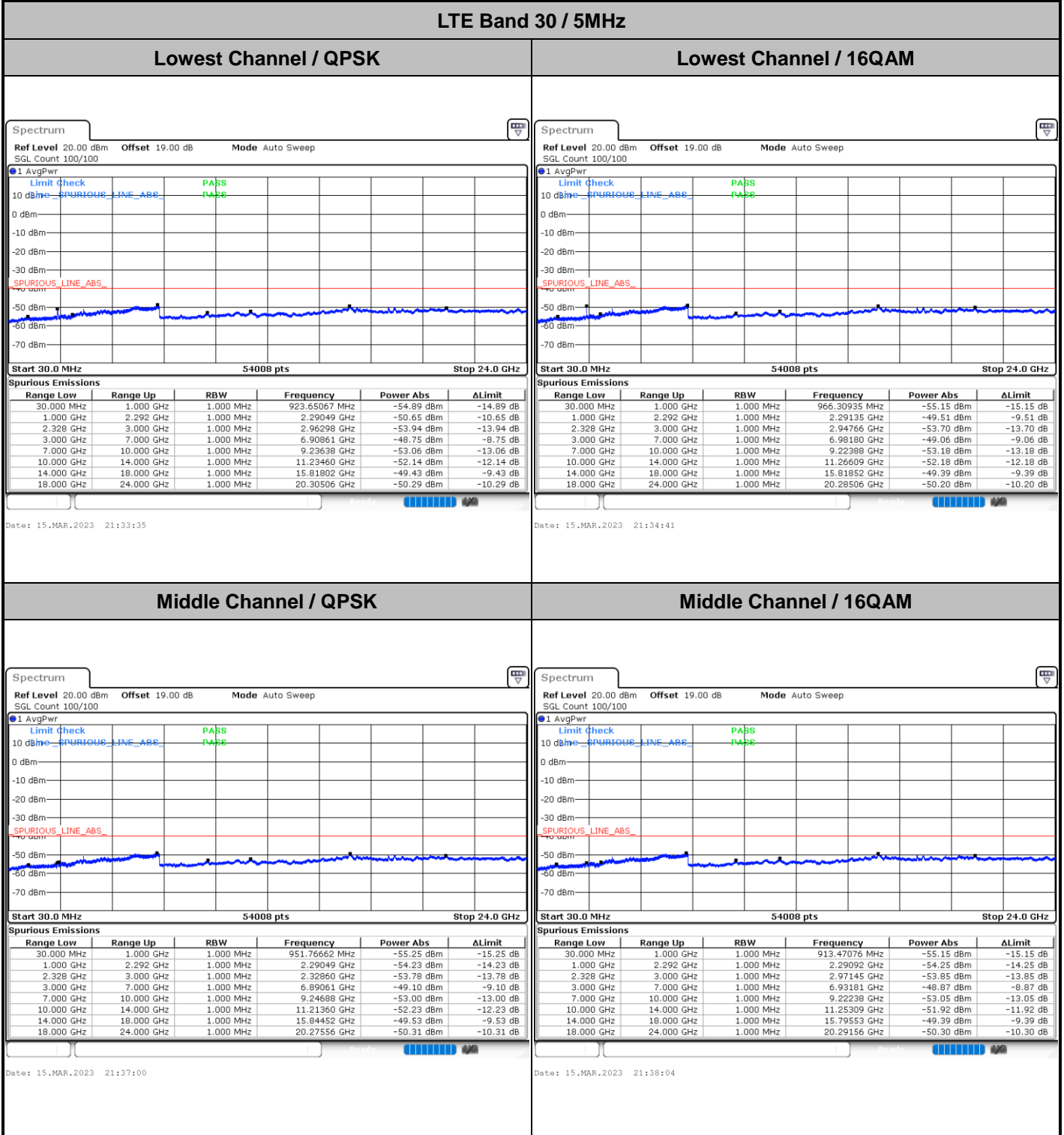




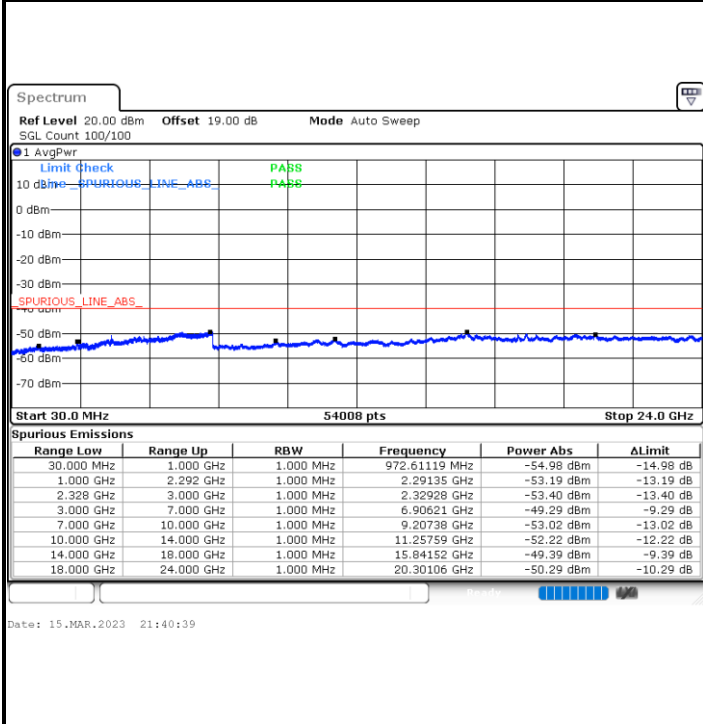
Conducted Spurious Emission



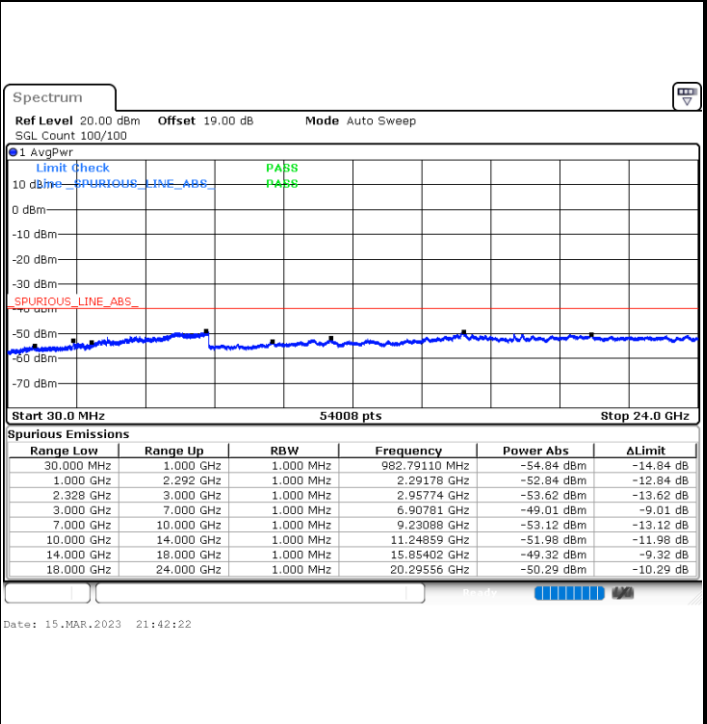


LTE Band 30 / 5MHz

Highest Channel / QPSK

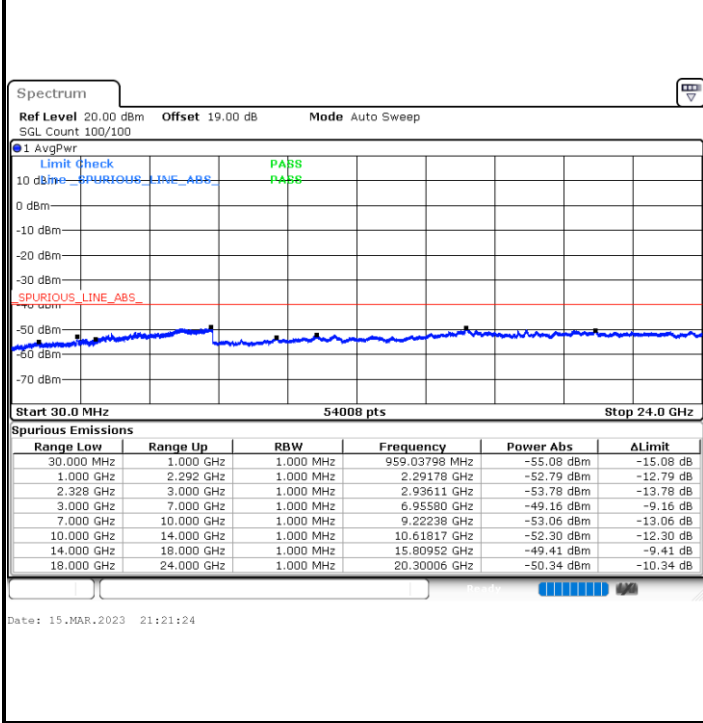


Highest Channel / 16QAM

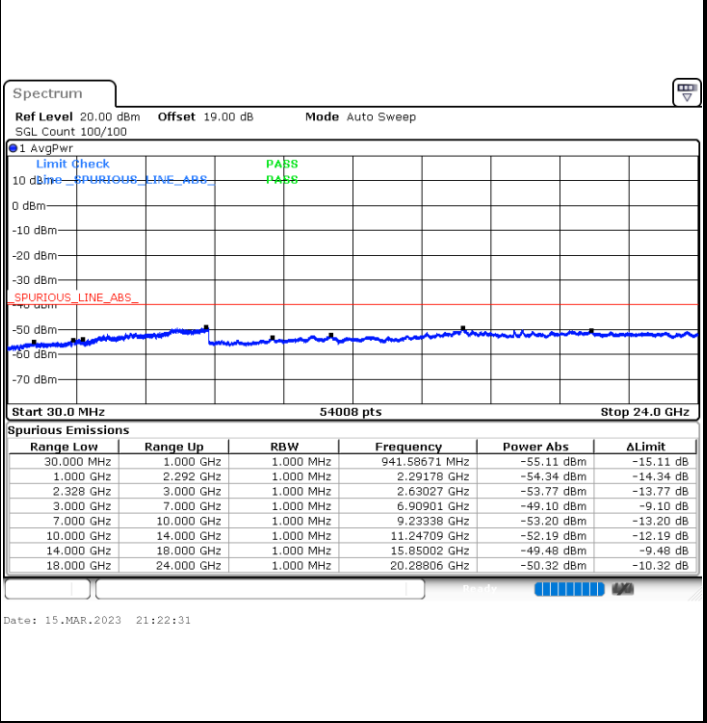


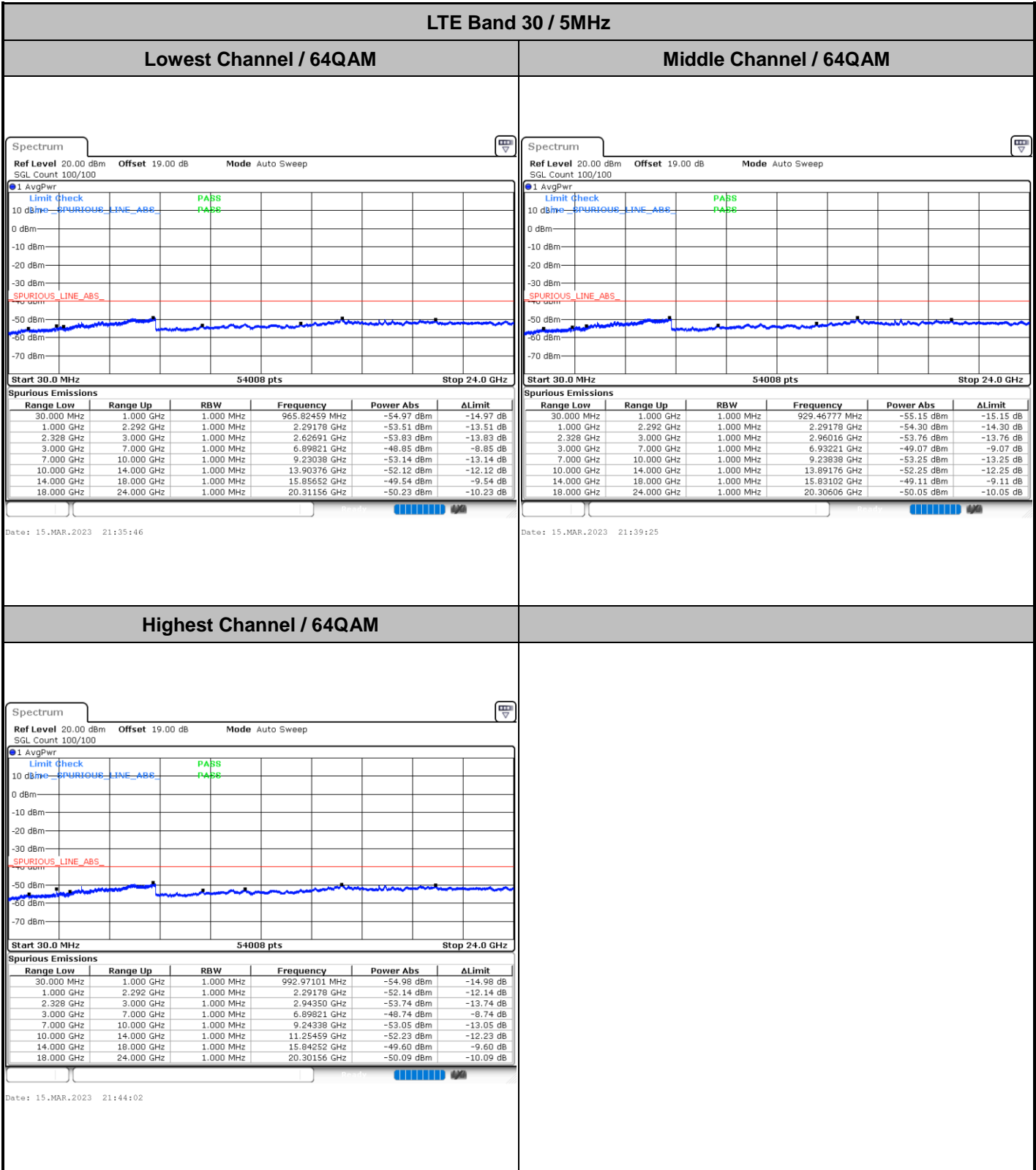
LTE Band 30 / 10MHz

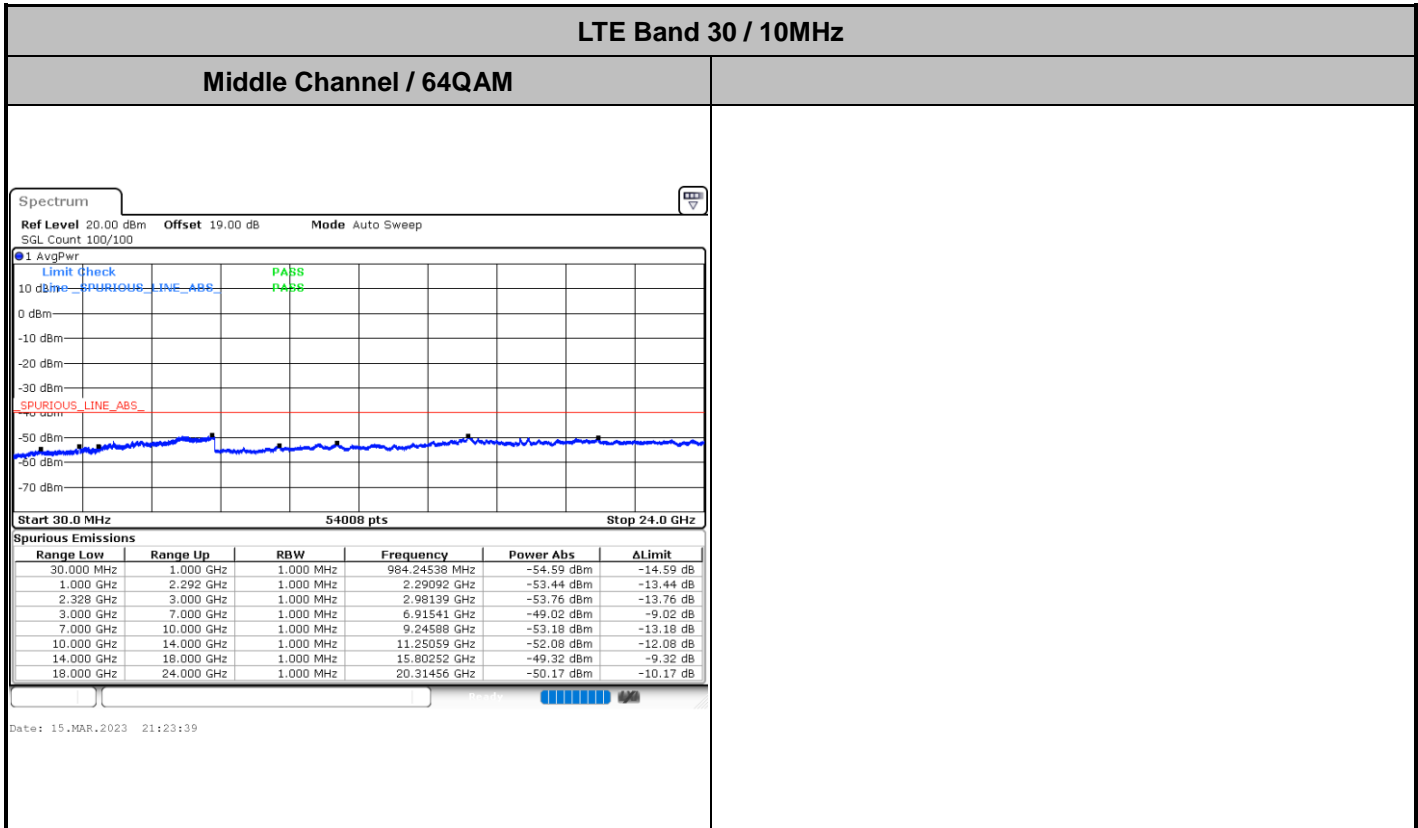
Middle Channel / QPSK



Middle Channel / 16QAM







Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
55	Normal Voltage	0.0017	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0006	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0011	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.3 V. ; Battery End Point (BEP) =3.135 V. ; Maximum Voltage =4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Liangping Zhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 30 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	4611.00	-63.11	-40	-23.11	-57.69	-69.36	6.45	12.70	H
	6916.50	-59.52	-40	-19.52	-58.08	-62.92	8.40	11.80	H
	9222.00	-53.08	-40	-13.08	-57.77	-55.43	9.65	12.00	H
	4611.00	-62.47	-40	-22.47	-57.43	-68.72	6.45	12.70	V
	6916.50	-59.07	-40	-19.07	-58.11	-62.47	8.40	11.80	V
	9222.00	-53.96	-40	-13.96	-57.83	-56.31	9.65	12.00	V

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