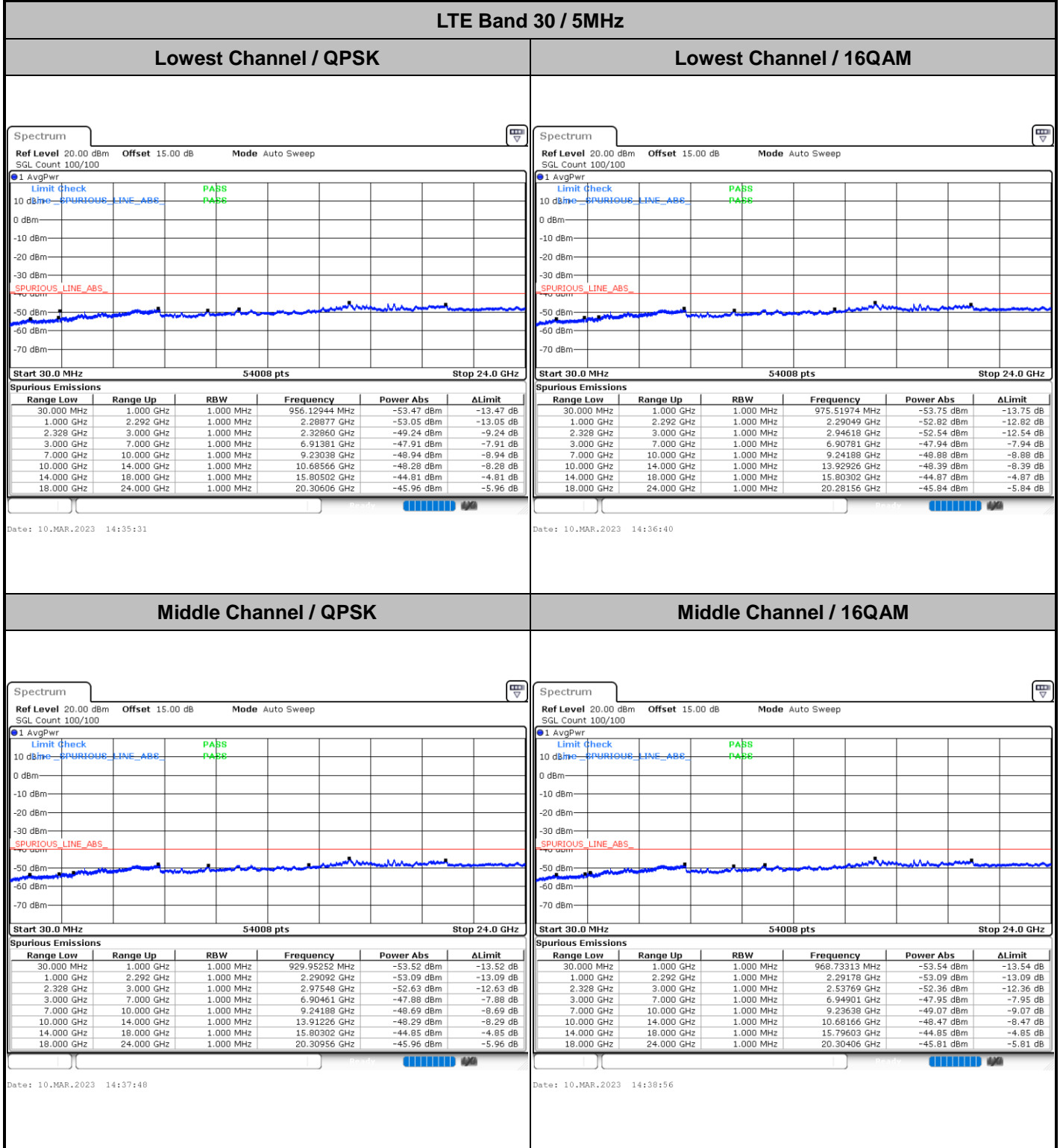




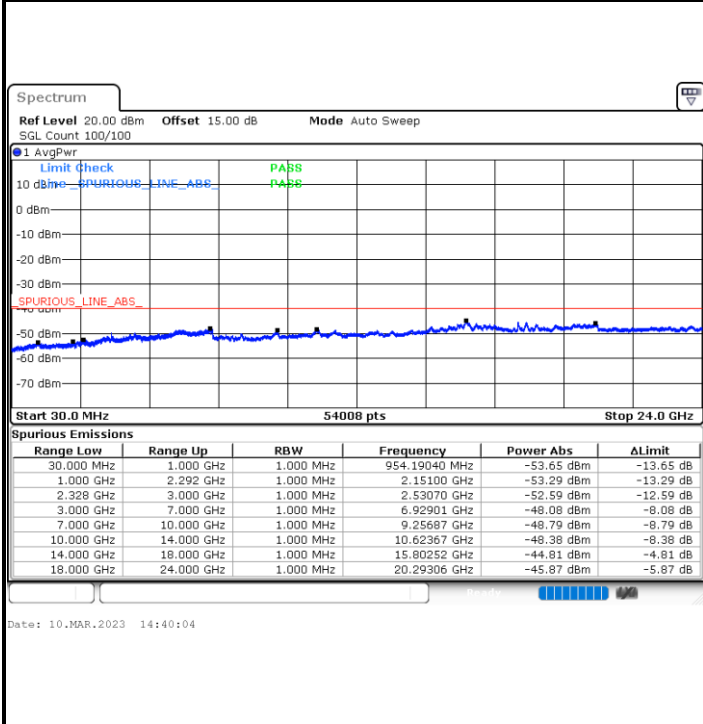
Conducted Spurious Emission



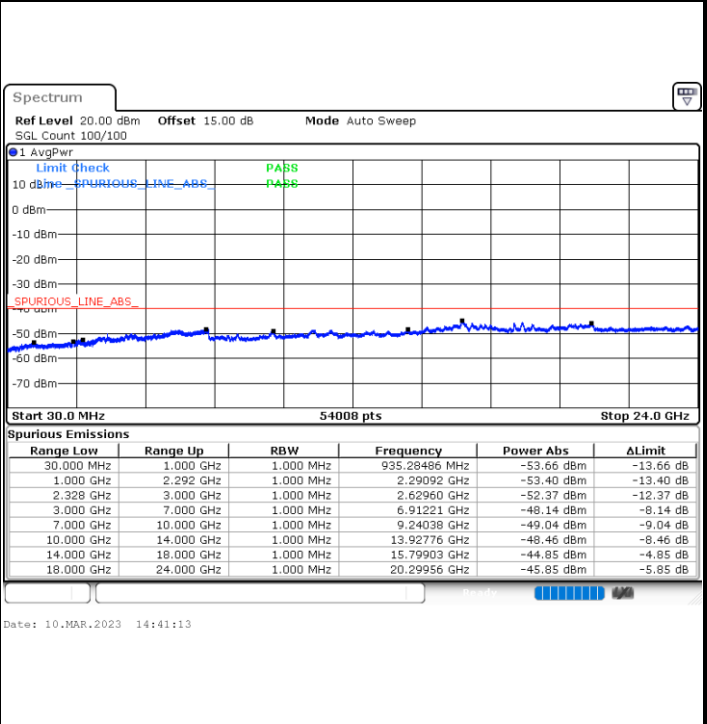


LTE Band 30 / 5MHz

Highest Channel / QPSK

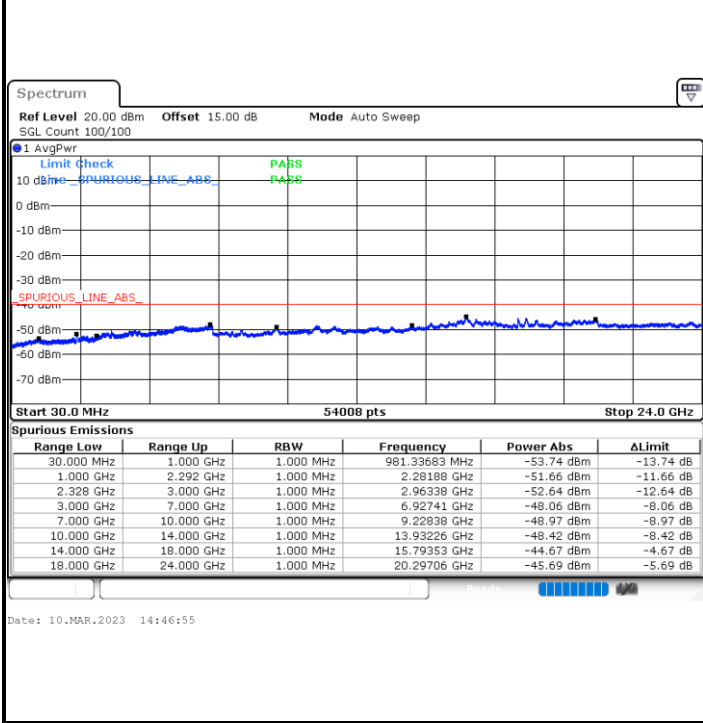


Highest Channel / 16QAM

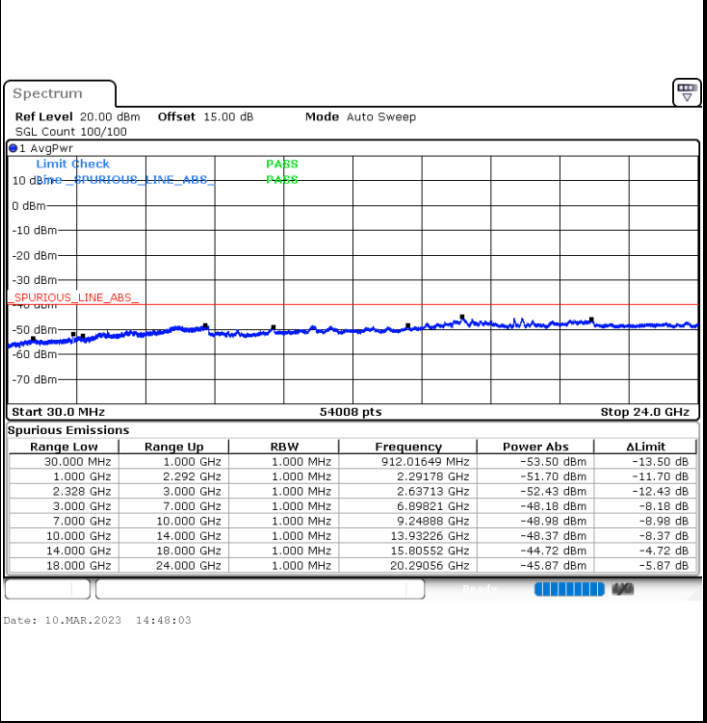


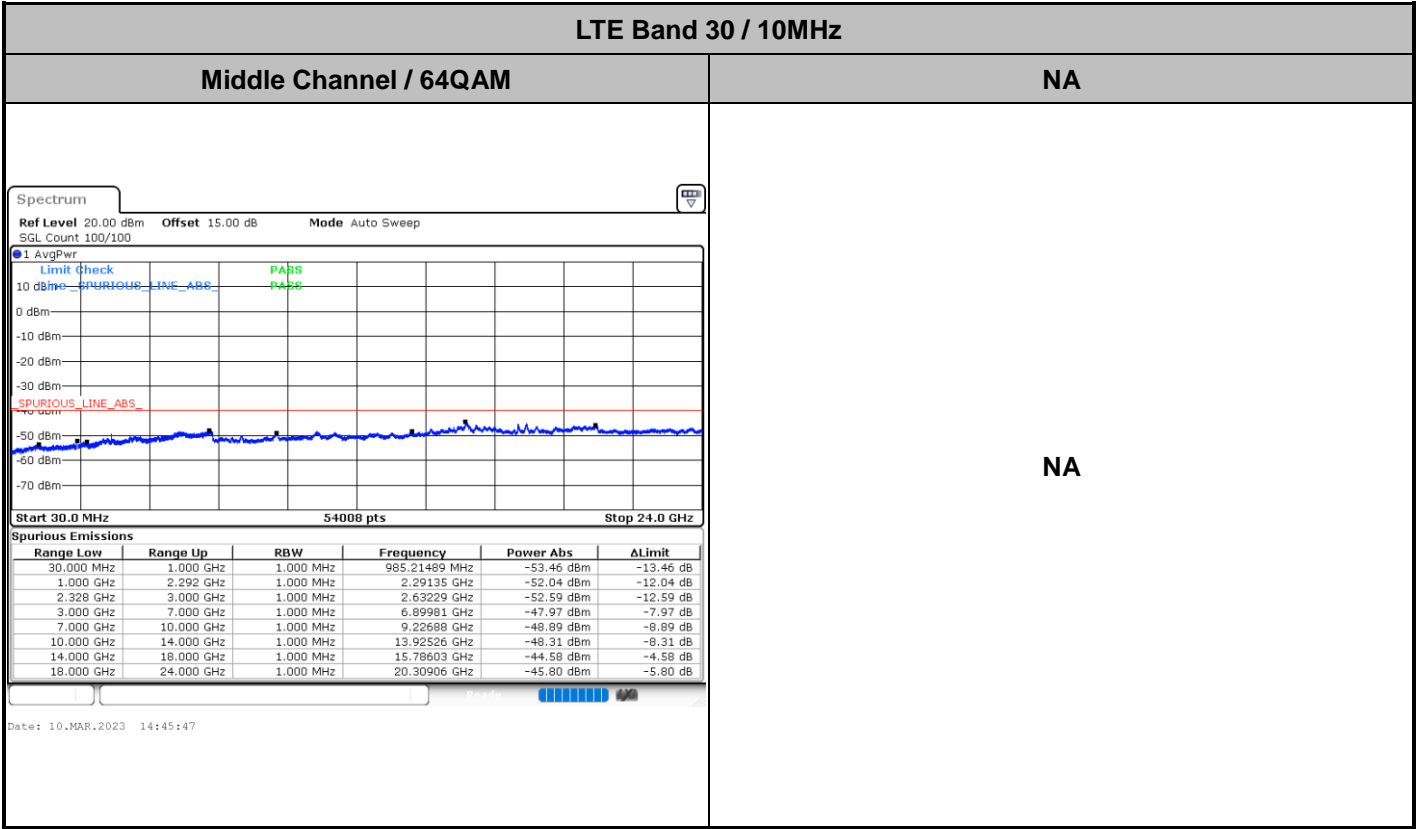
LTE Band 30 / 10MHz

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
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 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 :	Carry Xu	Temperature :	22~23°C
		Relative Humidity :	40~42%

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 30 / 5MHz / QPSK / RB Size 1 Offset 0 / Ant. 0								
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)
Low	4610	-69.70	-40	-29.70	-81.16	2.84	14.30	H
	6916	-66.75	-40	-26.75	-76.69	3.49	13.43	H
	9221	-61.57	-40	-21.57	-71.81	3.85	14.09	H
	4610	-69.69	-40	-29.69	-81.15	2.84	14.30	V
	6916	-66.61	-40	-26.61	-76.55	3.49	13.43	V
	9221	-62.65	-40	-22.65	-72.89	3.85	14.09	V
Middle	4615	-69.69	-40	-29.69	-81.15	2.84	14.30	H
	6923	-66.45	-40	-26.45	-76.39	3.49	13.43	H
	9231	-62.54	-40	-22.54	-72.78	3.85	14.09	H
	4615	-69.70	-40	-29.70	-81.16	2.84	14.30	V
	6923	-66.75	-40	-26.75	-76.69	3.49	13.43	V
	9231	-61.55	-40	-21.55	-71.79	3.85	14.09	V
High	4620	-69.70	-40	-29.70	-81.16	2.84	14.30	H
	6931	-66.75	-40	-26.75	-76.69	3.49	13.43	H
	9241	-61.55	-40	-21.55	-71.79	3.85	14.09	H
	4620	-69.69	-40	-29.69	-81.15	2.84	14.30	V
	6931	-66.45	-40	-26.45	-76.39	3.49	13.43	V
	9241	-62.54	-40	-22.54	-72.78	3.85	14.09	V

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

LTE Band 30 / 10MHz / QPSK / RB Size 1 Offset 0 / Ant. 0								
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	4611	-69.97	-40	-29.97	-81.43	2.84	14.30	H
	6916	-67.01	-40	-27.01	-76.95	3.49	13.43	H
	9222	-61.57	-40	-21.57	-71.81	3.85	14.09	H
	4611	-69.67	-40	-29.67	-81.13	2.84	14.30	V
	6916	-66.73	-40	-26.73	-76.67	3.49	13.43	V
	9222	-62.55	-40	-22.55	-72.79	3.85	14.09	V

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