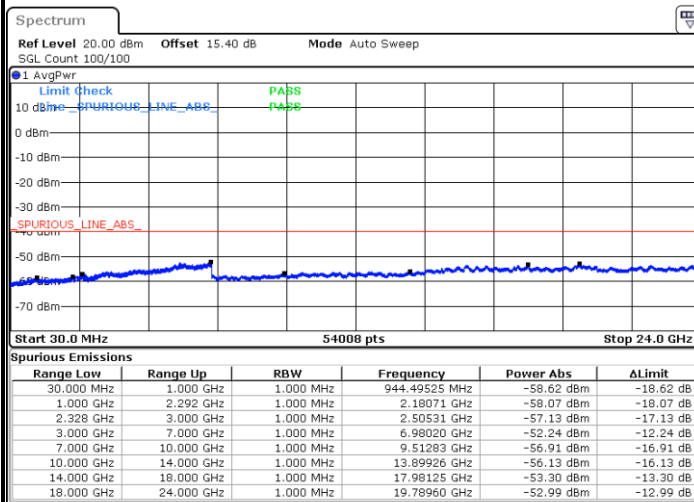




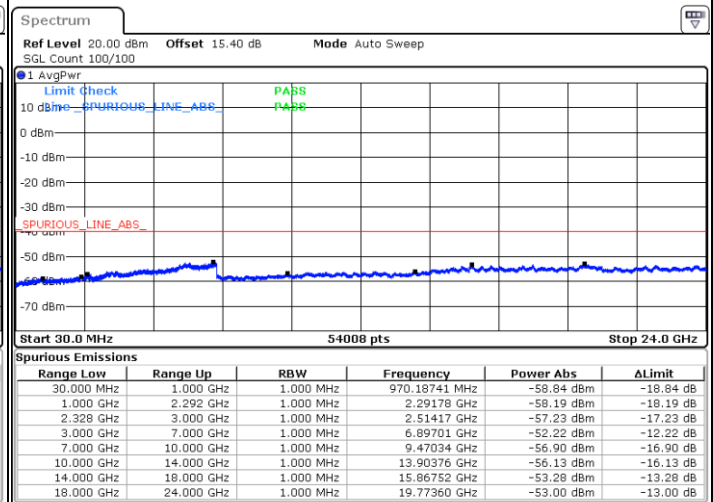
LTE Band 30 / 5MHz

Highest Channel / QPSK



Date: 23.FEB.2023 17:33:37

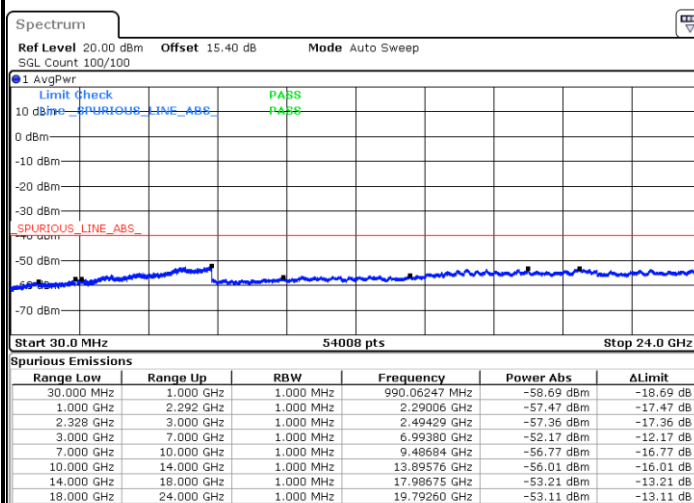
Highest Channel / 16QAM



Date: 23.FEB.2023 17:34:58

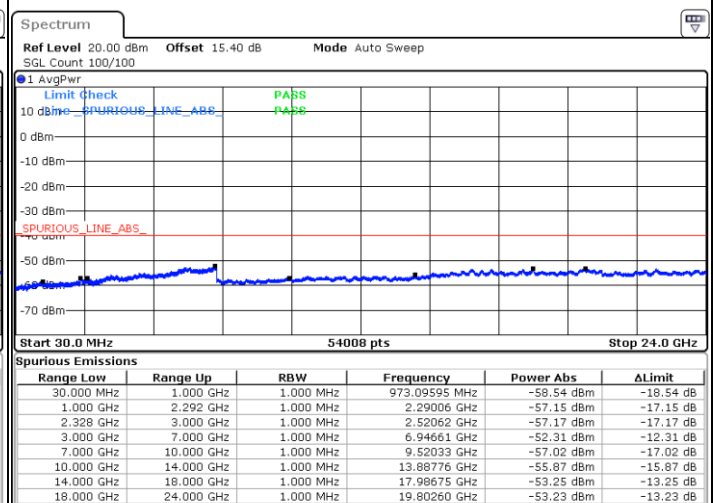
LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 23.FEB.2023 17:41:48

Middle Channel / 16QAM

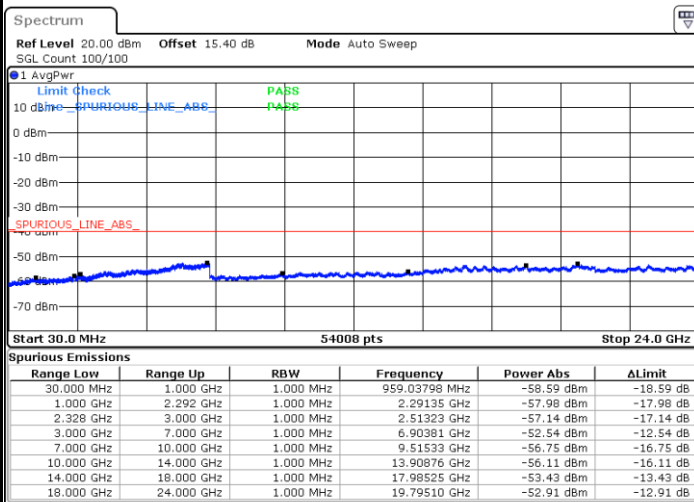


Date: 23.FEB.2023 17:43:09



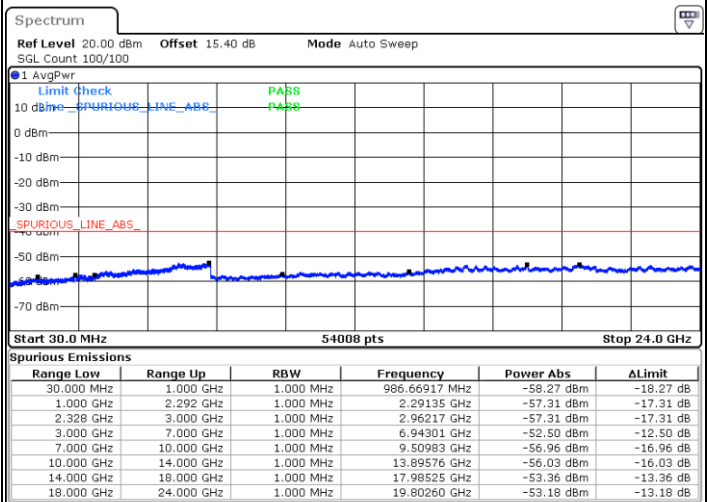
LTE Band 30 / 5MHz

Lowest Channel / 64QAM



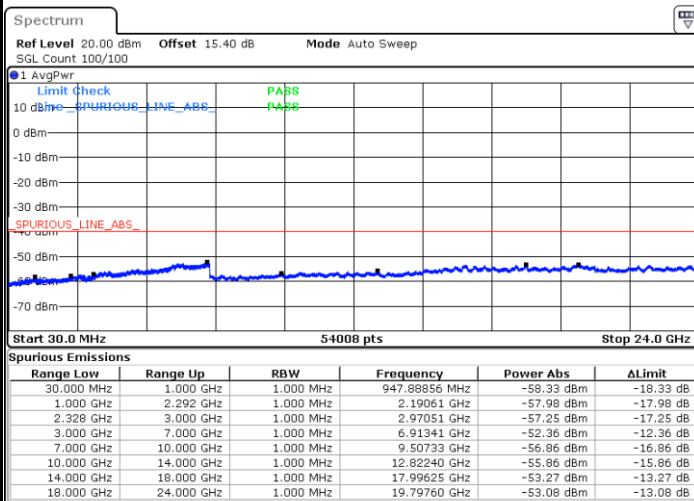
Date: 23.FEB.2023 17:36:20

Middle Channel / 64QAM



Date: 23.FEB.2023 17:37:42

Highest Channel / 64QAM



Date: 23.FEB.2023 17:39:04

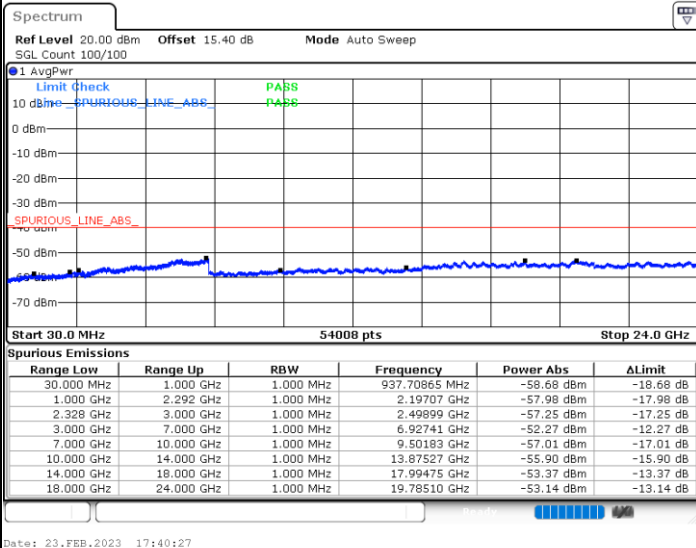
NA



LTE Band 30 / 10MHz

Middle Channel / 64QAM

NA



Frequency Stability

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0008	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =7.78 V. ; Battery End Point (BEP) =7.3 V. ; Maximum Voltage =8.7 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 :	Liang PingZhou	Temperature :	22~25°C
		Relative Humidity :	48~52%

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

LTE Band 30 / 10MHz / QPSK / RB Size 1 Offset 0									
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	-59.50	-40	-19.50	-64.45	-65.75	6.45	12.70	H
	6916.50	-57.25	-40	-17.25	-64.75	-60.65	8.40	11.80	H
	9222.00	-57.72	-40	-17.72	-67.24	-60.07	9.65	12.00	H
	4611.00	-59.48	-40	-19.48	-64.56	-65.73	6.45	12.70	V
	6916.50	-56.74	-40	-16.74	-65.34	-60.14	8.40	11.80	V
	9222.00	-55.26	-40	-15.26	-67.01	-57.61	9.65	12.00	V

LTE Band 30 / 10MHz / QPSK / RB Size 1 Offset 0 PA2									
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	-59.55	-40	-19.55	-64.50	-65.80	6.45	12.70	H
	6916.50	-55.71	-40	-15.71	-63.21	-59.11	8.40	11.80	H
	9222.00	-57.25	-40	-17.25	-66.77	-59.60	9.65	12.00	H
	4611.00	-59.40	-40	-19.40	-64.48	-65.65	6.45	12.70	V
	6916.50	-50.66	-40	-10.66	-59.26	-54.06	8.40	11.80	V
	9222.00	-54.97	-40	-14.97	-66.72	-57.32	9.65	12.00	V

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