

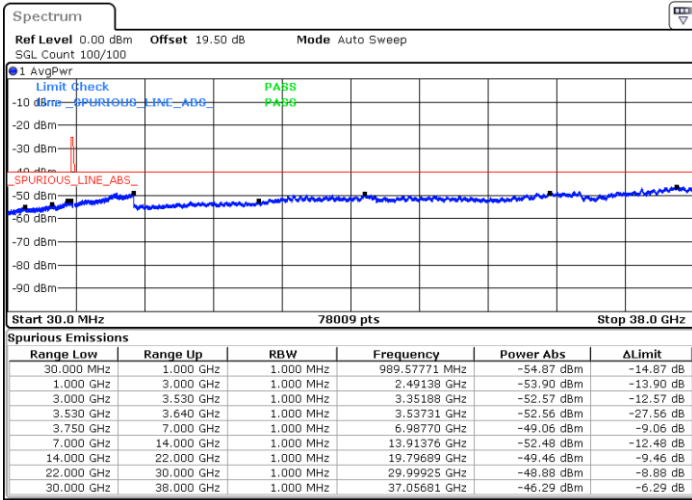


LTE Band 48 / 10MHz

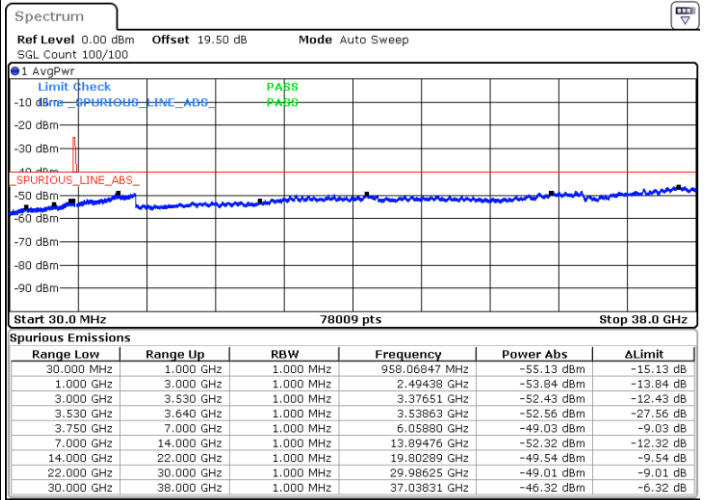
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



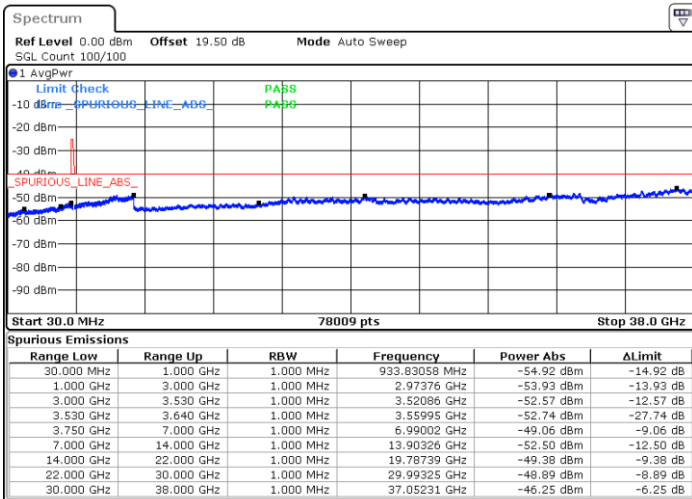
Date: 30 JUN.2022 00:28:35



Date: 30 JUN.2022 01:00:45

Highest Channel / Full RB

N/A



Date: 30 JUN.2022 00:48:17

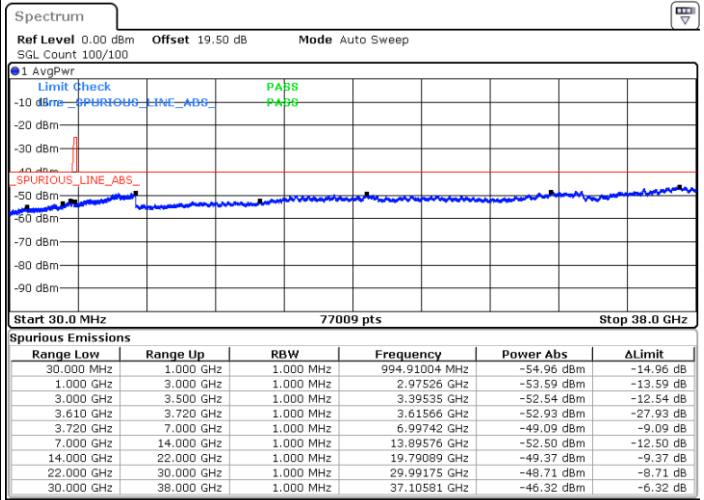
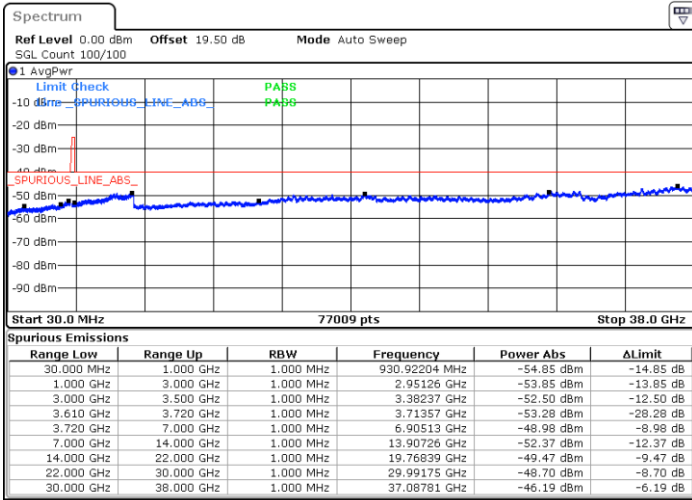


LTE Band 48 / 15MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

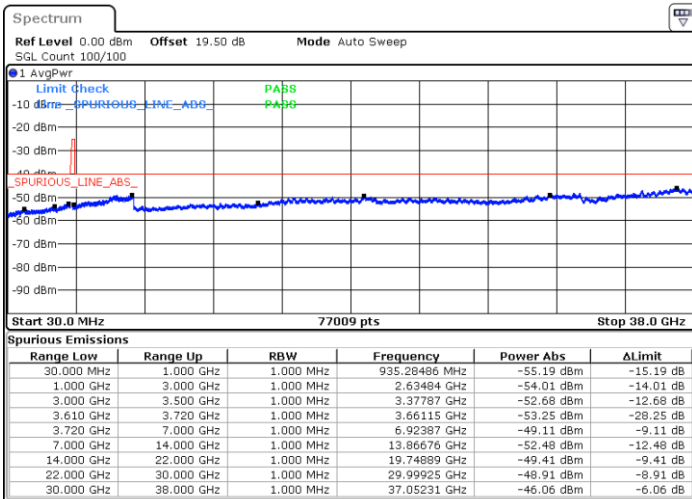


Date: 30 JUN.2022 01:07:43

Date: 30 JUN.2022 01:32:42

Lowest Channel / Full RB

N/A



Date: 30 JUN.2022 01:20:12

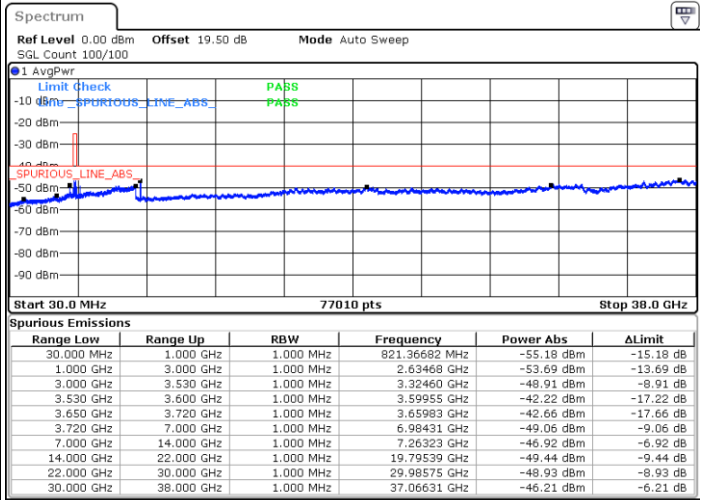
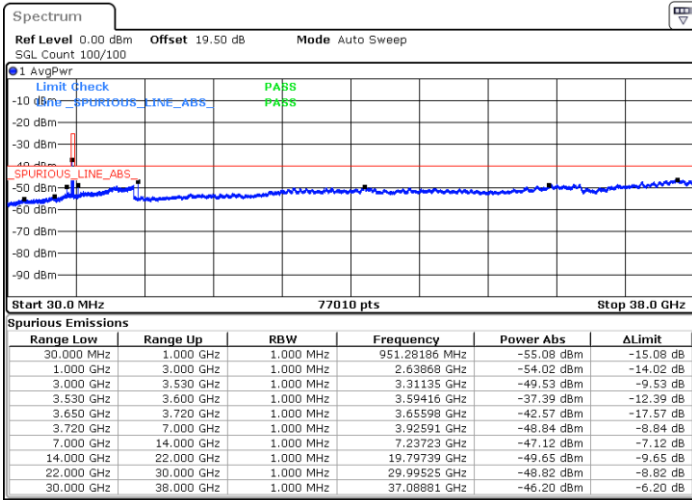


LTE Band 48 / 15MHz

64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

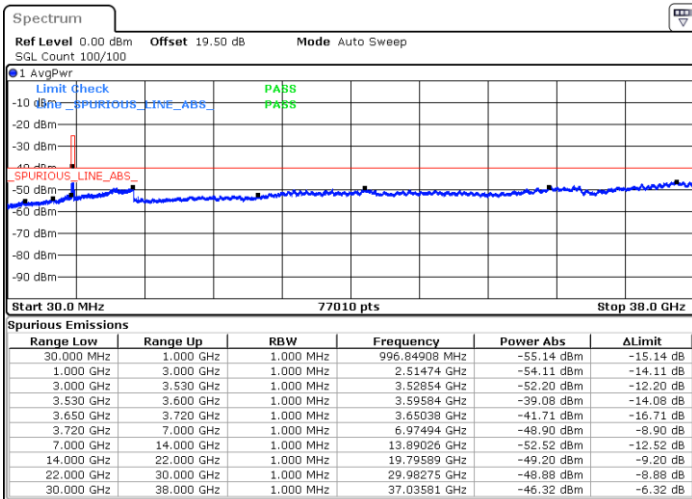


Date: 30 JUN.2022 01:09:06

Date: 30 JUN.2022 01:34:05

Middle Channel / Full RB

N/A



Date: 30 JUN.2022 01:21:35

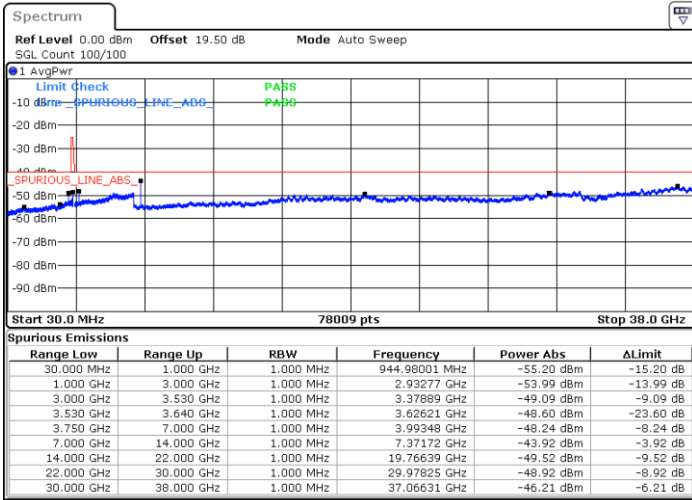


LTE Band 48 / 15MHz

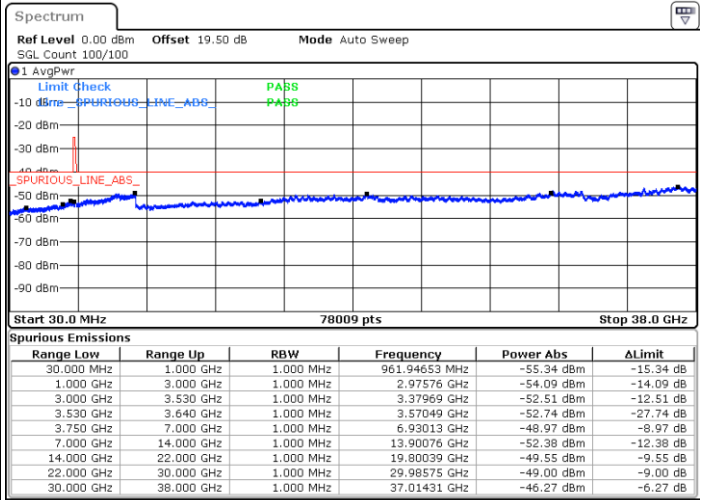
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



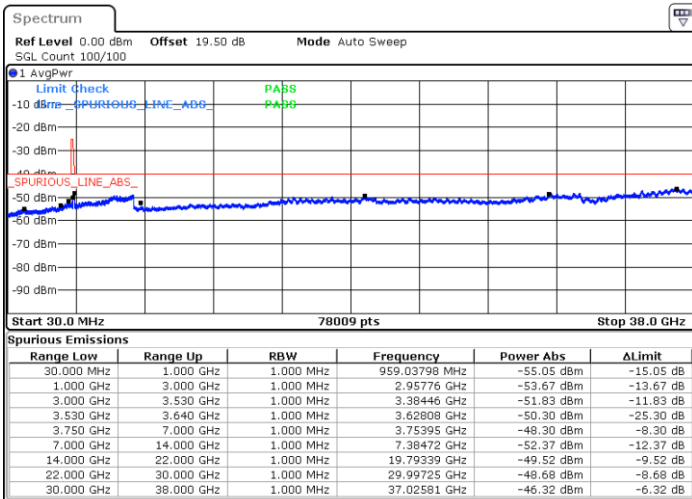
Date: 30 JUN.2022 01:16:02



Date: 30 JUN.2022 01:41:00

Highest Channel / Full RB

N/A



Date: 30 JUN.2022 01:28:31

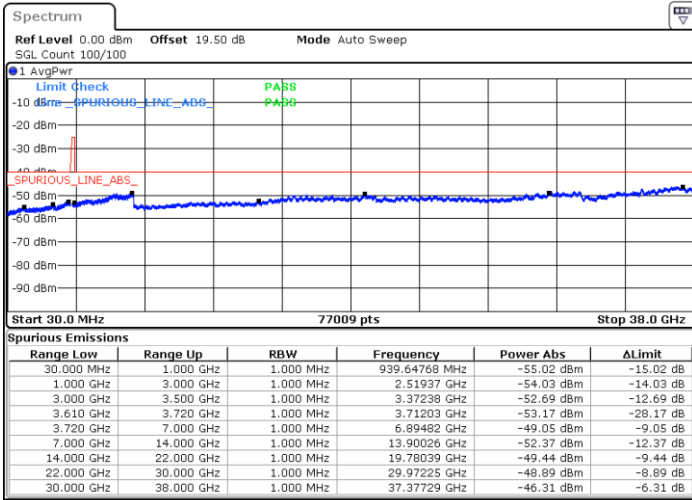


LTE Band 48 / 20MHz

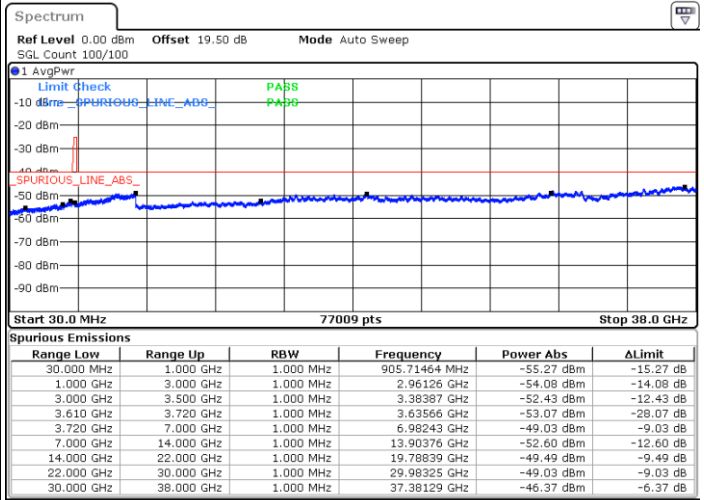
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



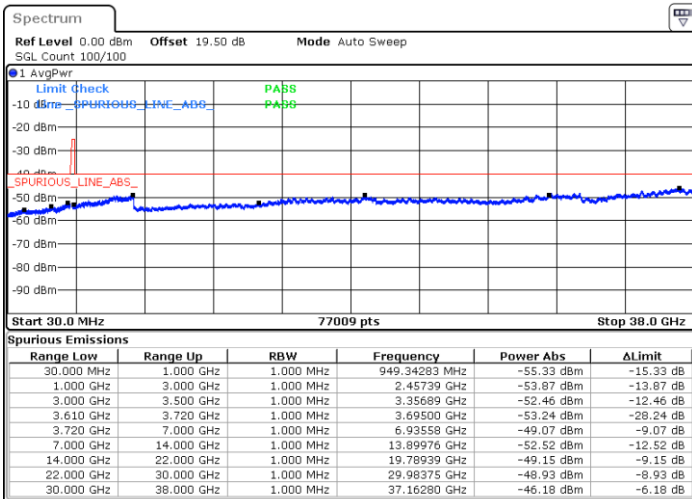
Date: 30 JUN.2022 01:54:54



Date: 30 JUN.2022 02:07:22

Lowest Channel / Full RB

N/A



Date: 30 JUN.2022 01:42:24

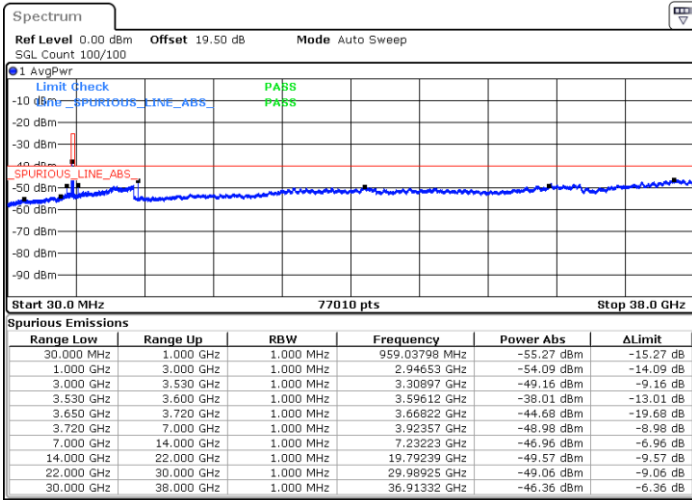


LTE Band 48 / 20MHz

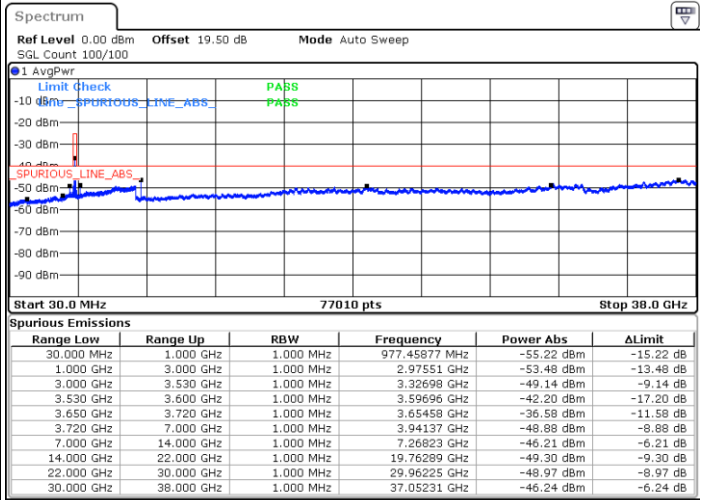
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



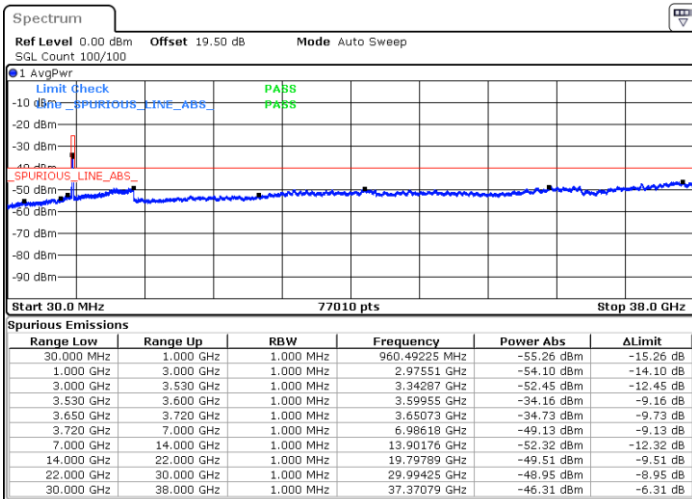
Date: 30 JUN.2022 02:01:49



Date: 30 JUN.2022 02:14:18

Middle Channel / Full RB

N/A



Date: 30 JUN.2022 01:49:20

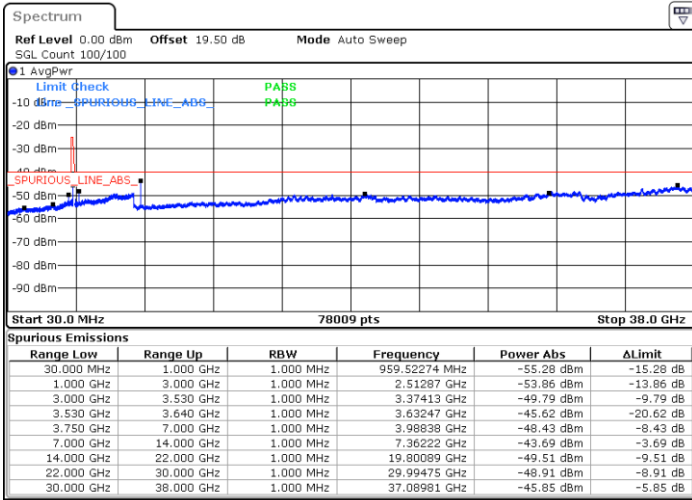


LTE Band 48 / 20MHz

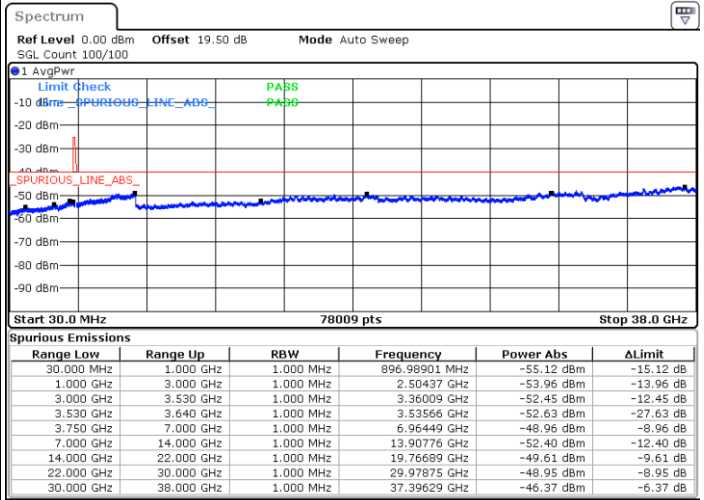
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



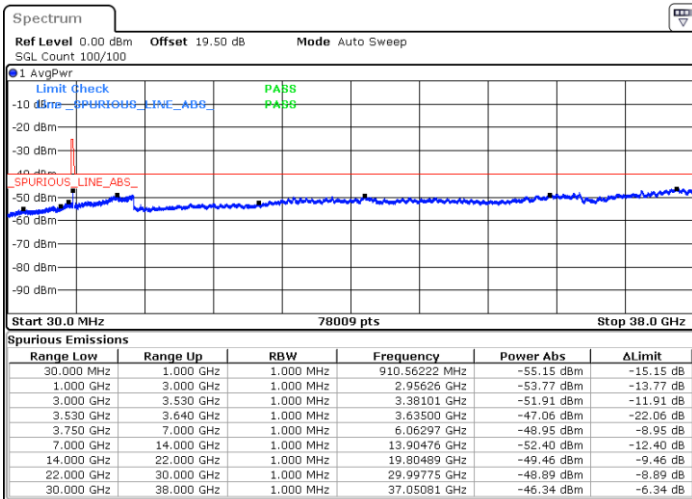
Date: 30 JUN.2022 02:03:12



Date: 30 JUN.2022 02:15:41

Highest Channel / Full RB

N/A



Date: 30 JUN.2022 01:50:43



Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

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 :	Wenbo Xiao	Temperature :	22~25°C
		Relative Humidity :	48~52%

Note: Pre-scanned harmonic for testing, we choose the worst antenna mode to test.

LTE Band 48 / 20MHz / QPSK for Ant. 9									
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)
Lowest	7302.00	-56.39	-40	-16.39	-62.44	-59.72	8.25	11.58	H
	10953.00	-53.29	-40	-13.29	-63.71	-54.84	10.45	12.00	H
	14604.00	-53.45	-40	-13.45	-65.71	-55.16	11.74	13.45	H
	7302.00	-55.66	-40	-15.66	-62.28	-58.99	8.25	11.58	V
	10953.00	-53.43	-40	-13.43	-63.46	-54.98	10.45	12.00	V
	14604.00	-51.50	-40	-11.50	-65.63	-53.21	11.74	13.45	V
Middle	7332.00	-55.68	-40	-15.68	-61.86	-58.98	8.30	11.60	H
	10998.00	-53.67	-40	-13.67	-64.07	-55.19	10.48	12.00	H
	14664.00	-53.51	-40	-13.51	-66.04	-55.21	11.80	13.50	H
	7332.00	-55.22	-40	-15.22	-61.89	-58.52	8.30	11.60	V
	10998.00	-53.96	-40	-13.96	-64	-55.48	10.48	12.00	V
	14664.00	-51.76	-40	-11.76	-66.25	-53.46	11.80	13.50	V
Highest	7362.00	-56.02	-40	-16.02	-62.07	-59.32	8.32	11.62	H
	11043.00	-53.49	-40	-13.49	-64.03	-55.17	10.52	12.20	H
	14724.00	-53.28	-40	-13.28	-66.06	-54.98	11.85	13.55	H
	7362.00	-55.52	-40	-15.52	-62.14	-58.82	8.32	11.62	V
	11043.00	-53.52	-40	-13.52	-63.75	-55.20	10.52	12.20	V
	14724.00	-51.00	-40	-11.00	-65.83	-52.70	11.85	13.55	V

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