

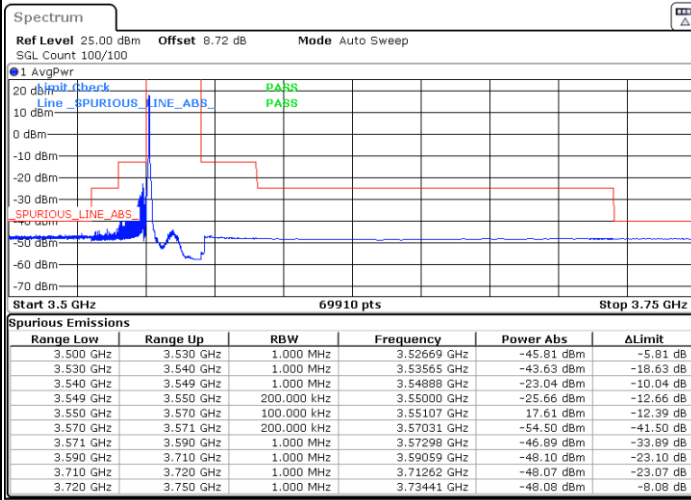


LTE Band 48 / 20MHz

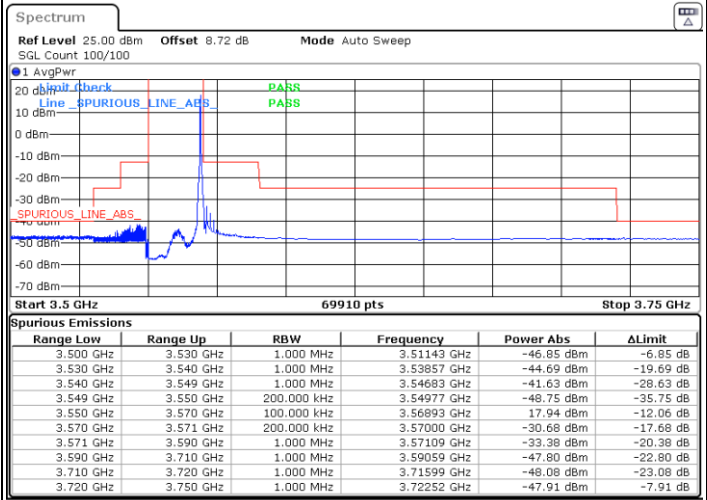
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



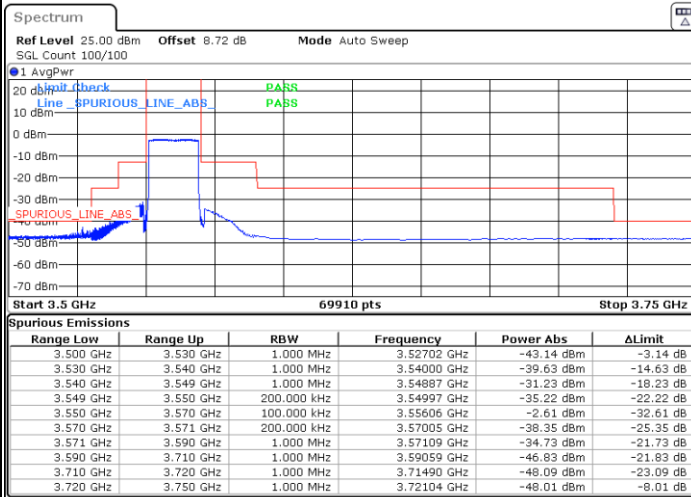
Date: 13.APR.2023 03:06:07



Date: 13.APR.2023 03:12:51

Lowest Channel / FullRB

N/A



Date: 13.APR.2023 03:19:37

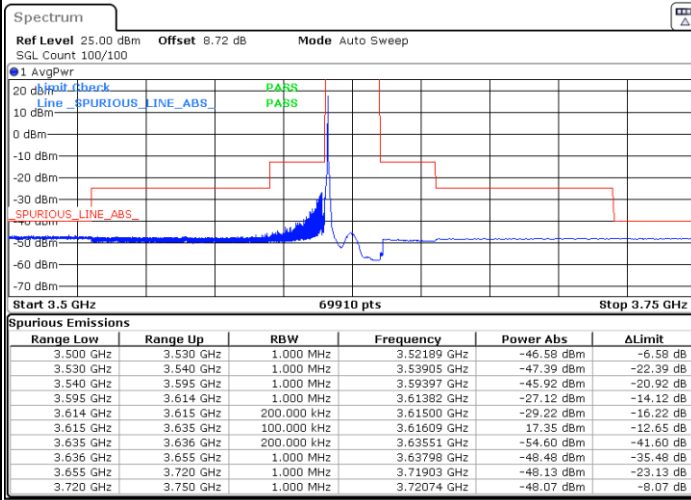


LTE Band 48 / 20MHz

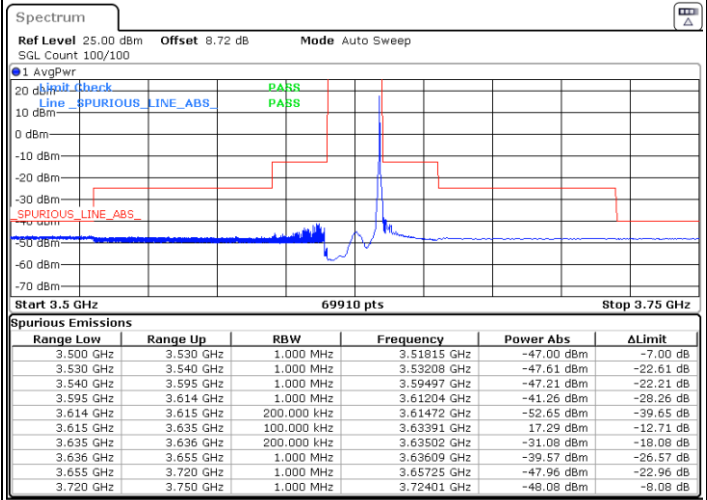
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



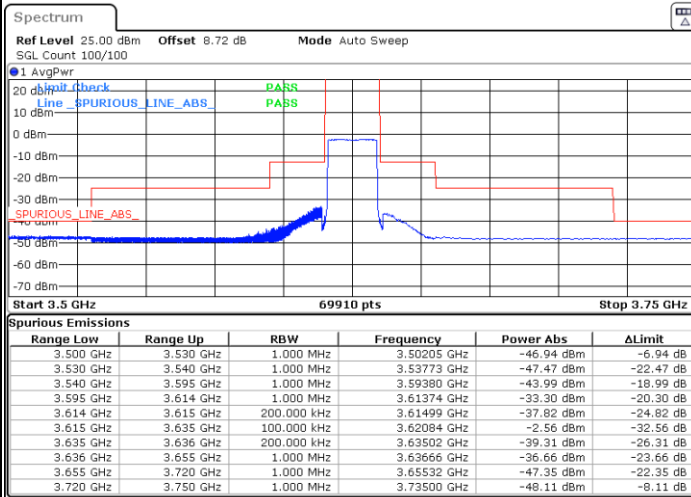
Date: 13.APR.2023 03:33:37



Date: 13.APR.2023 03:40:18

Middle Channel / Full

N/A



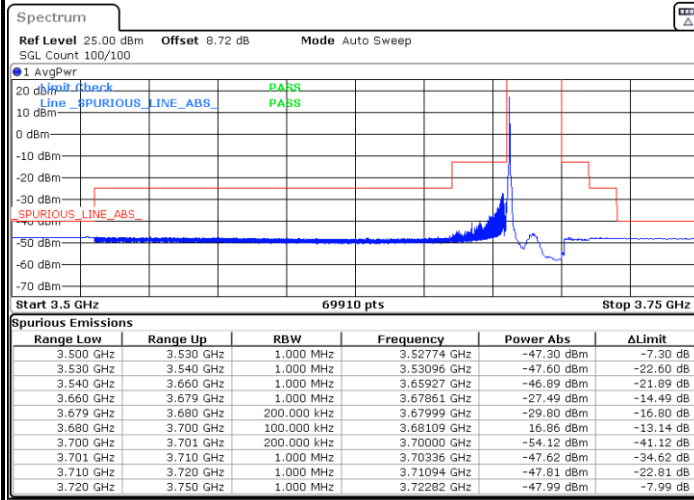
Date: 13.APR.2023 03:47:00



LTE Band 48 / 20MHz

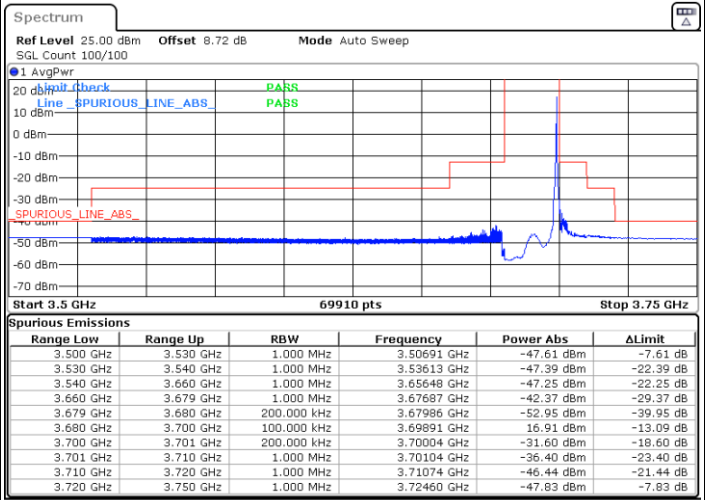
64QAM

Highest Channel / 1RB0



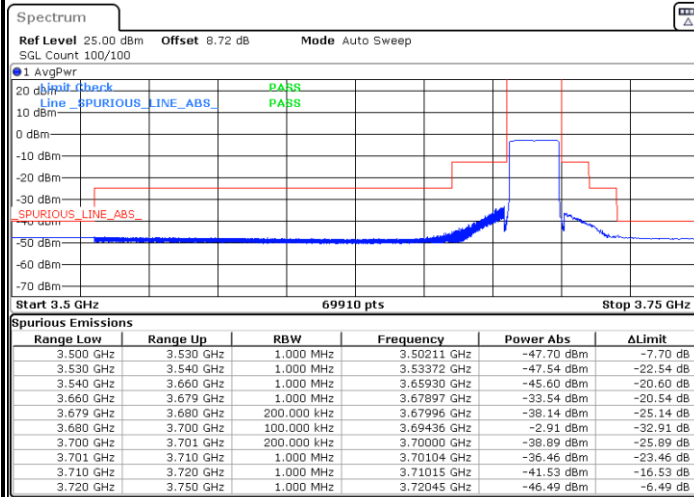
Date: 13.APR.2023 03:59:37

Highest Channel / 1RBmax



Date: 13.APR.2023 04:06:21

Highest Channel / FullRB



Date: 13.APR.2023 04:13:05

N/A

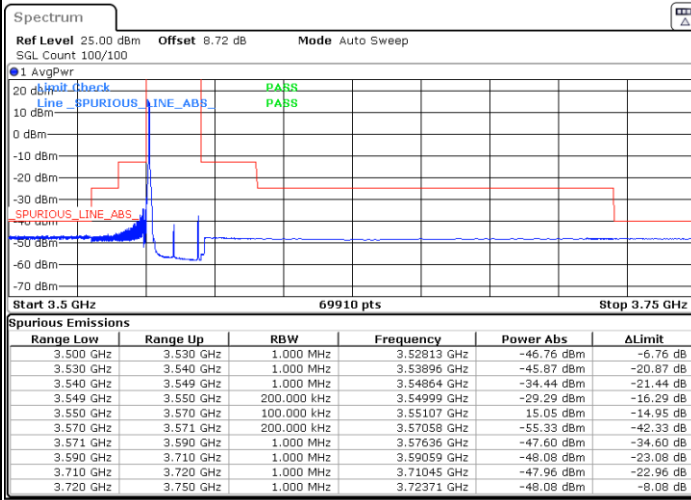


LTE Band 48 / 20MHz

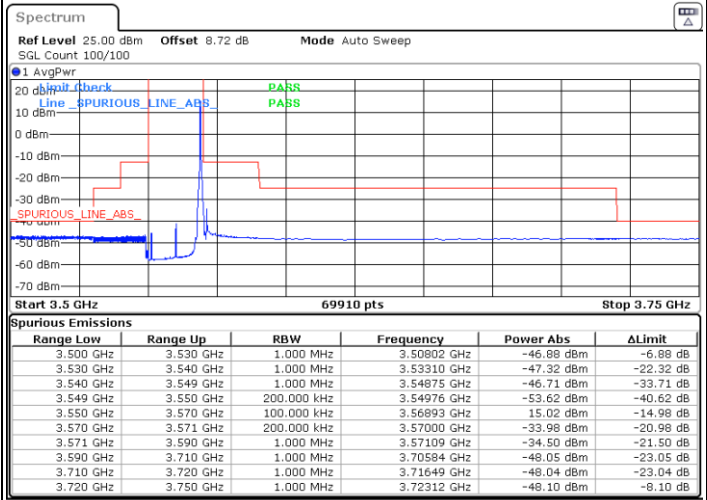
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



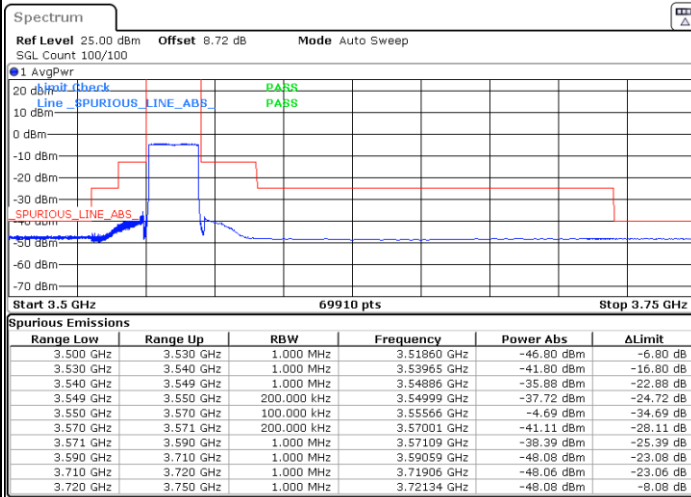
Date: 13.APR.2023 03:07:48



Date: 13.APR.2023 03:14:32

Lowest Channel / FullRB

N/A



Date: 13.APR.2023 03:21:18

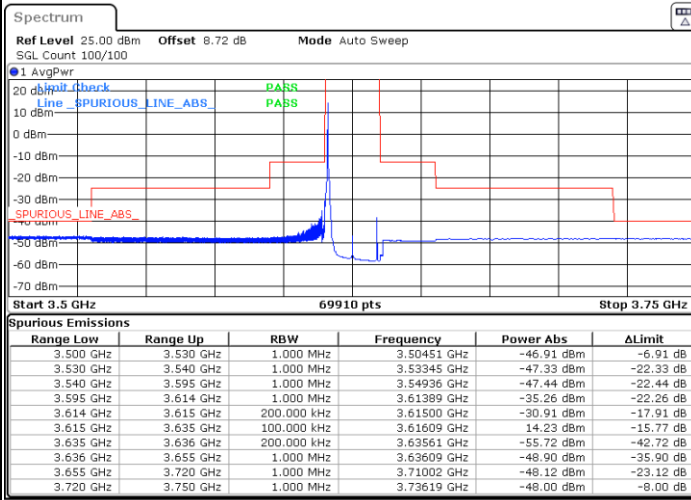


LTE Band 48 / 20MHz

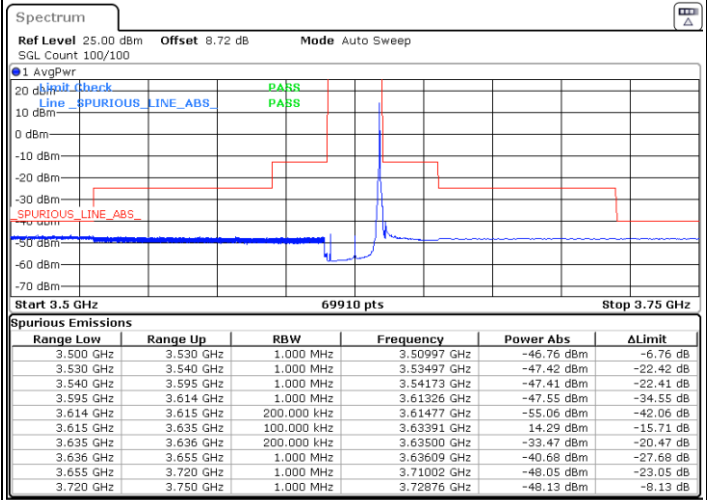
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



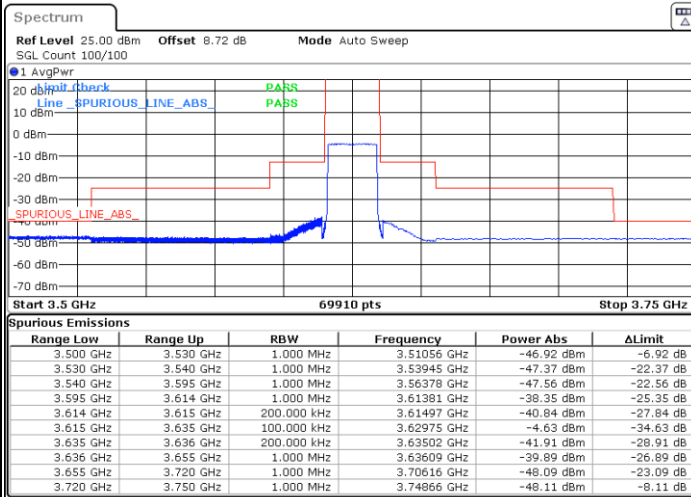
Date: 13.APR.2023 03:35:17



Date: 13.APR.2023 03:41:59

Middle Channel / Full

N/A



Date: 13.APR.2023 03:48:40

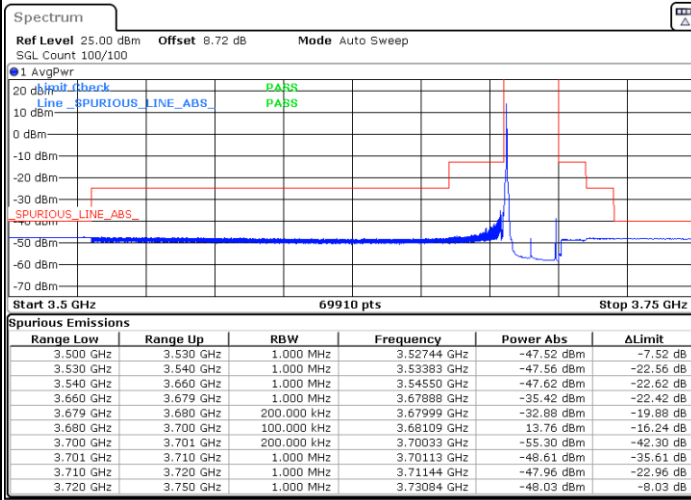


LTE Band 48 / 20MHz

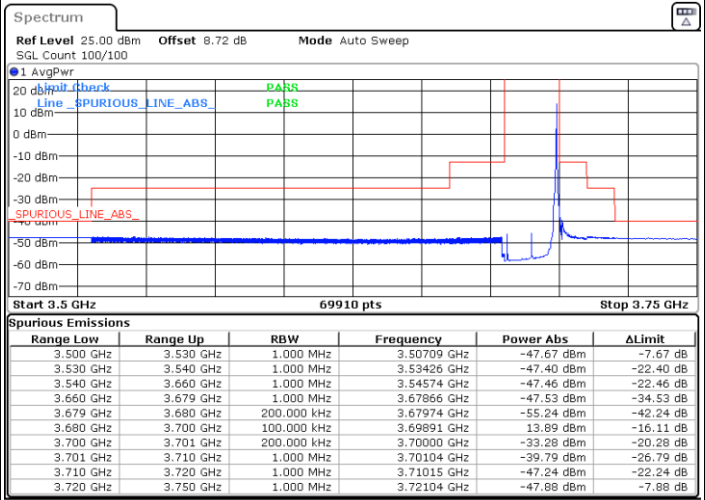
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



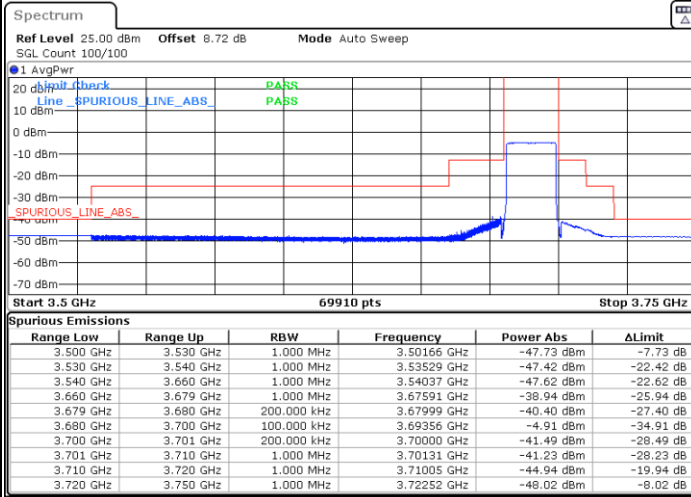
Date: 13.APR.2023 04:01:18



Date: 13.APR.2023 04:08:02

Highest Channel / FullIRB

N/A



Date: 13.APR.2023 04:14:46



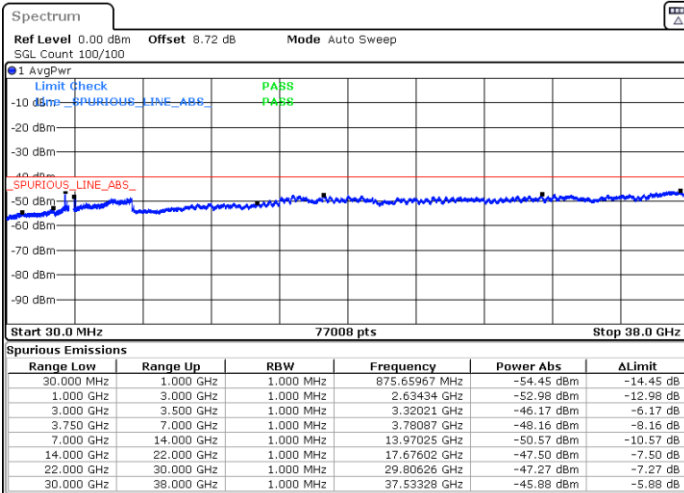
Conducted Spurious Emission

LTE Band 48 / 5MHz

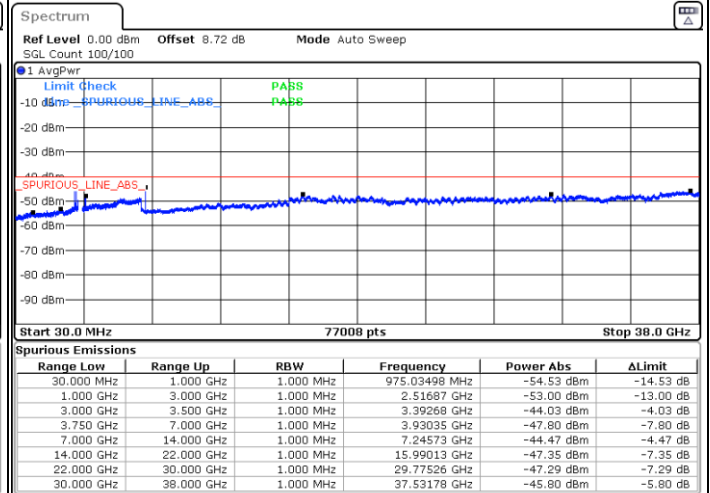
QPSK / 1RB0

Lowest Channel

Middle Channel

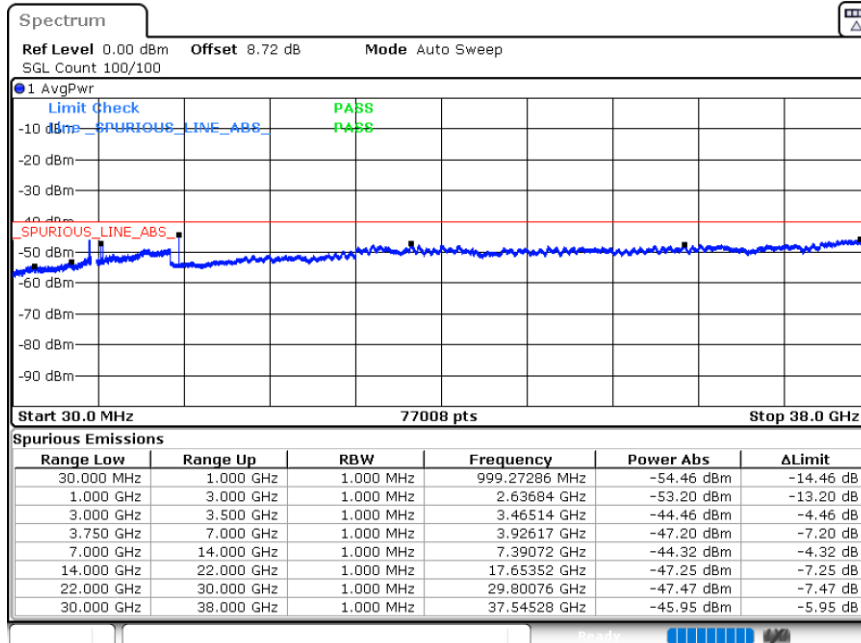


Date: 13.APR.2023 04:18:38



Date: 13.APR.2023 04:20:07

Highest Channel



Date: 13.APR.2023 04:21:37

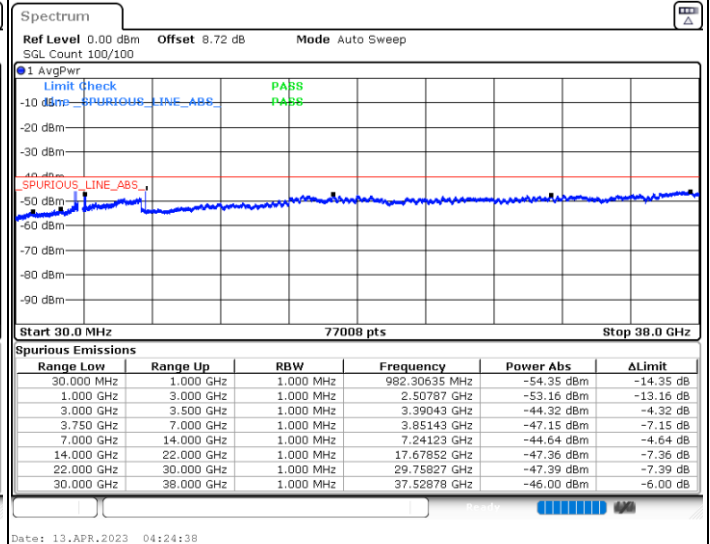
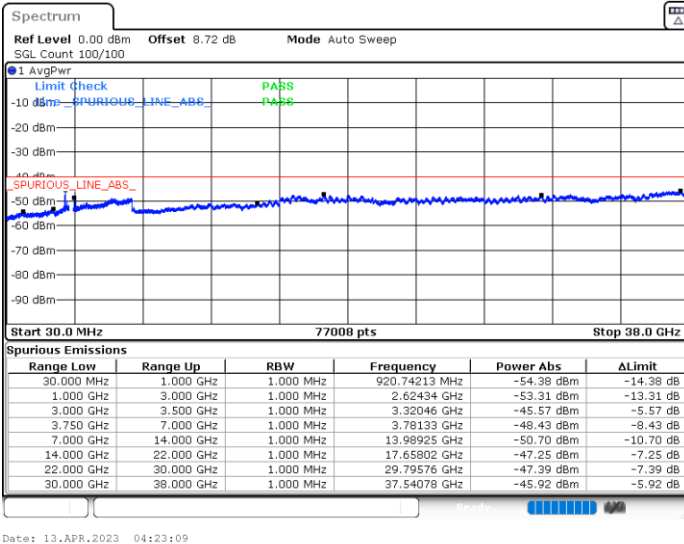


LTE Band 48 / 10MHz

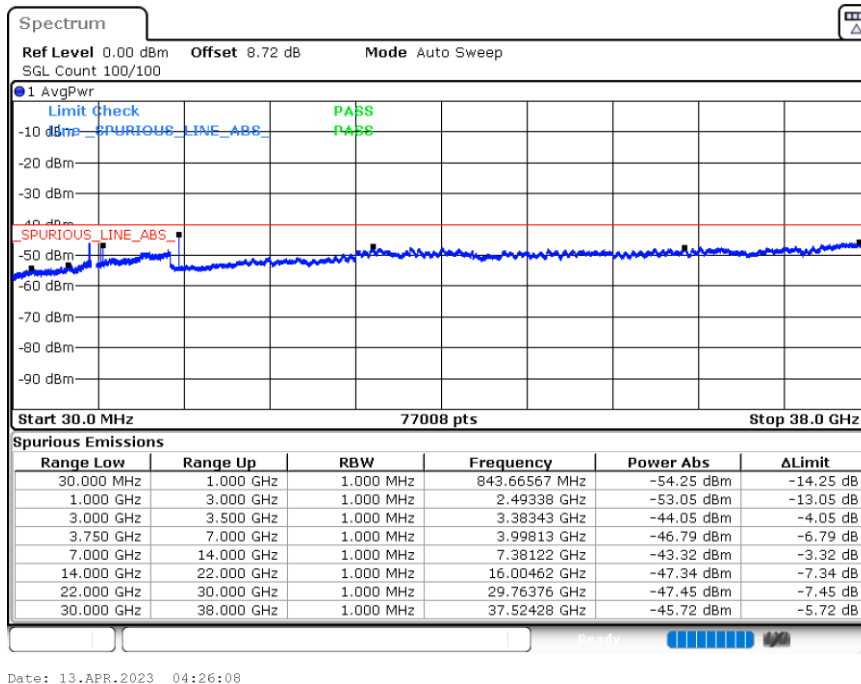
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



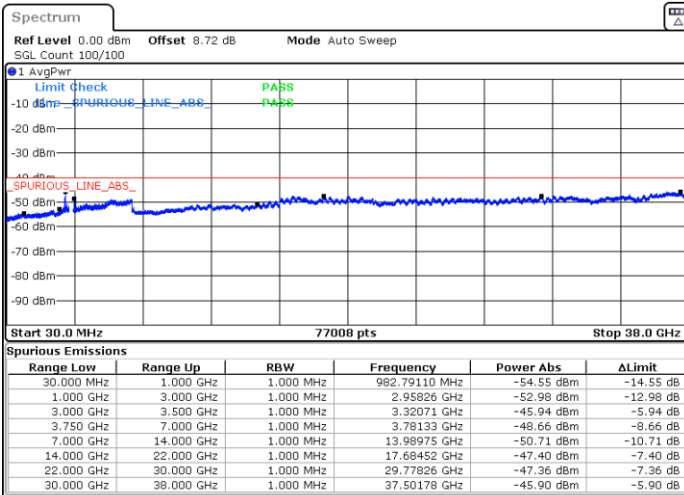


LTE Band 48 / 15MHz

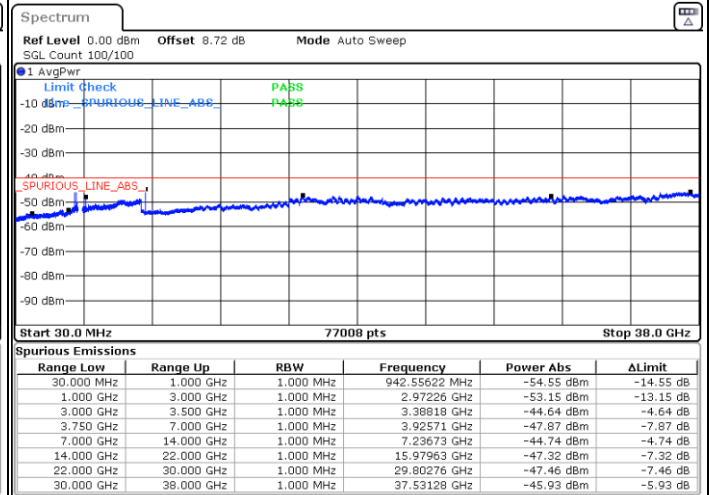
QPSK / 1RB0

Lowest Channel

Middle Channel

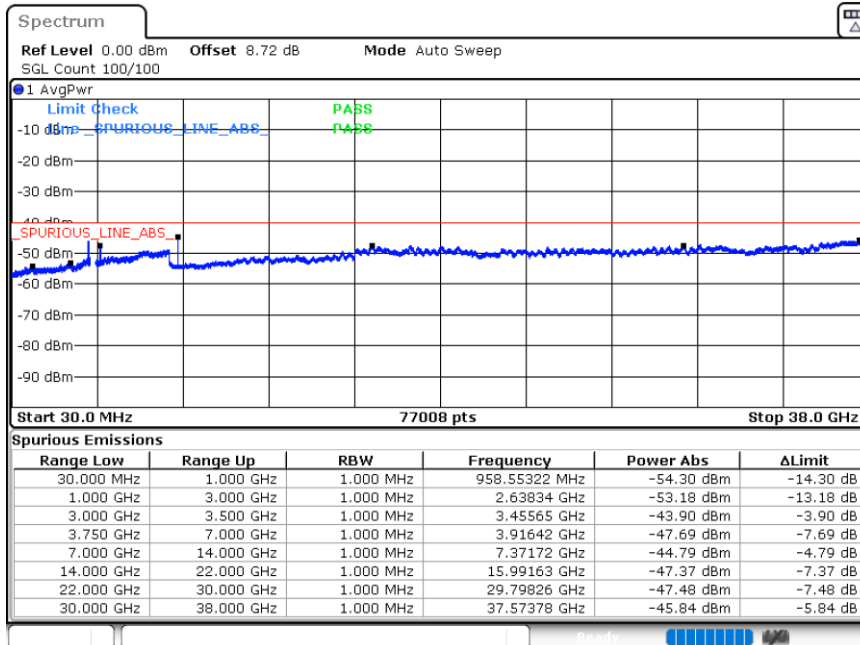


Date: 13.APR.2023 04:27:40



Date: 13.APR.2023 04:29:10

Highest Channel



Date: 13.APR.2023 04:30:39

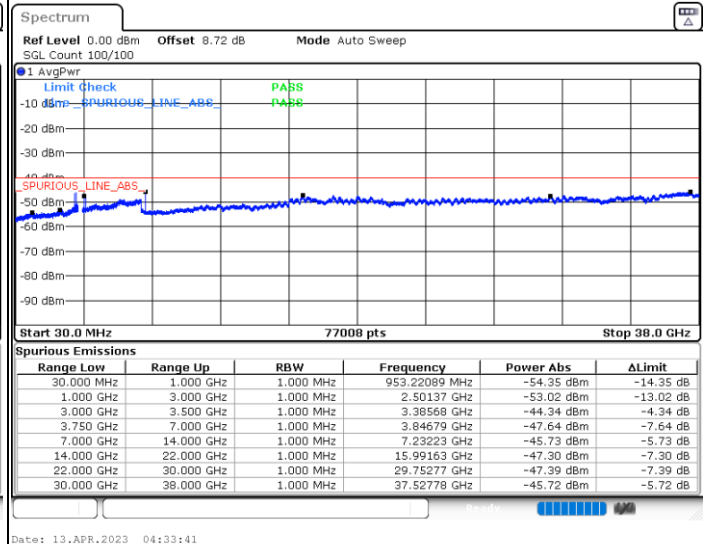
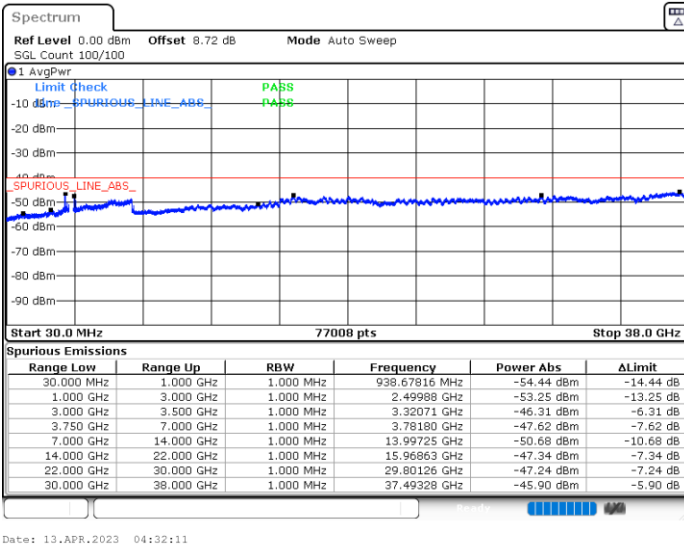


LTE Band 48 / 20MHz

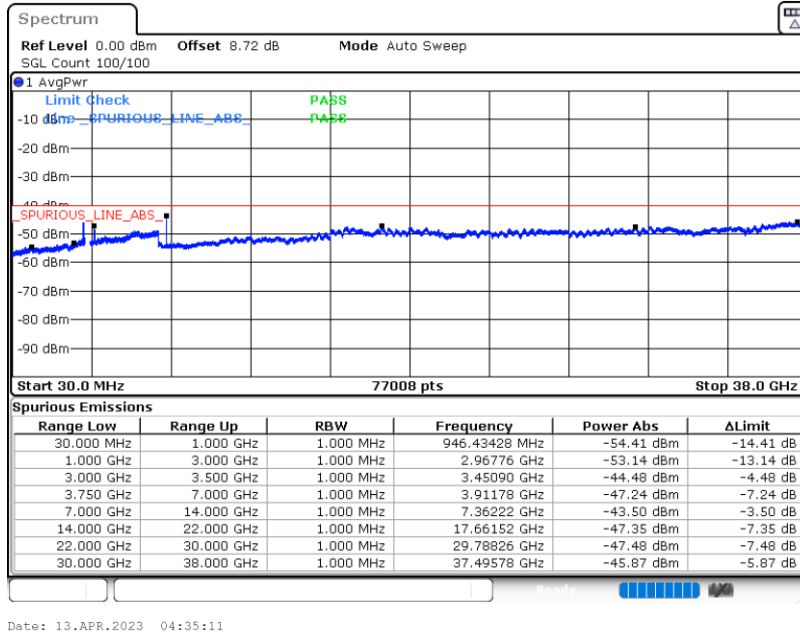
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0023	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0029	
20	Battery End Point	0.0010	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4V. ; 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 :	23~25°C
		Relative Humidity :	41~42%

LTE Band 48 / 20MHz / QPSK								
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)
Lowest	7104	-62.80	-40	-22.80	-74.26	2.84	14.30	H
	10656	-58.61	-40	-18.61	-68.55	3.49	13.43	H
	14208	-59.76	-40	-19.76	-70.00	3.85	14.09	H
	7104	-60.04	-40	-20.04	-71.50	2.84	14.30	V
	10656	-57.14	-40	-17.14	-67.08	3.49	13.43	V
	14208	-60.12	-40	-20.12	-70.36	3.85	14.09	V
Middle	7230	-58.99	-40	-18.99	-70.45	2.84	14.30	H
	10848	-47.17	-40	-7.17	-57.11	3.49	13.43	H
	14646	-62.90	-40	-22.90	-73.14	3.85	14.09	H
	7230	-56.50	-40	-16.50	-67.96	2.84	14.30	V
	10848	-43.50	-40	-3.50	-53.44	3.49	13.43	V
	14646	-62.40	-40	-22.40	-72.64	3.85	14.09	V
Highest	7356	-52.28	-40	-12.28	-63.74	2.84	14.30	H
	11040	-54.54	-40	-14.54	-64.48	3.49	13.43	H
	14724	-60.10	-40	-20.10	-70.34	3.85	14.09	H
	7356	-50.85	-40	-10.85	-62.31	2.84	14.30	V
	11040	-52.66	-40	-12.66	-62.60	3.49	13.43	V
	14724	-60.18	-40	-20.18	-70.42	3.85	14.09	V

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