

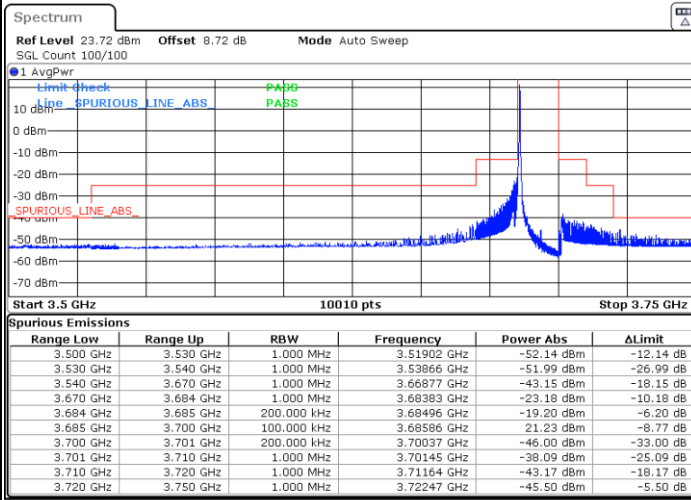


LTE Band 48 / 15MHz

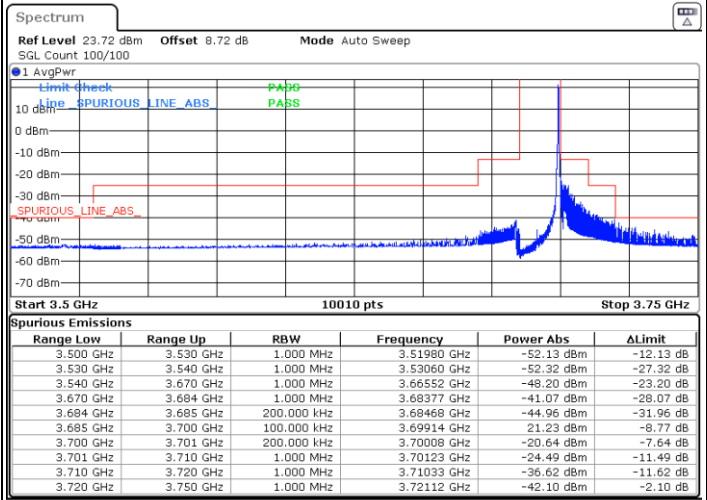
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



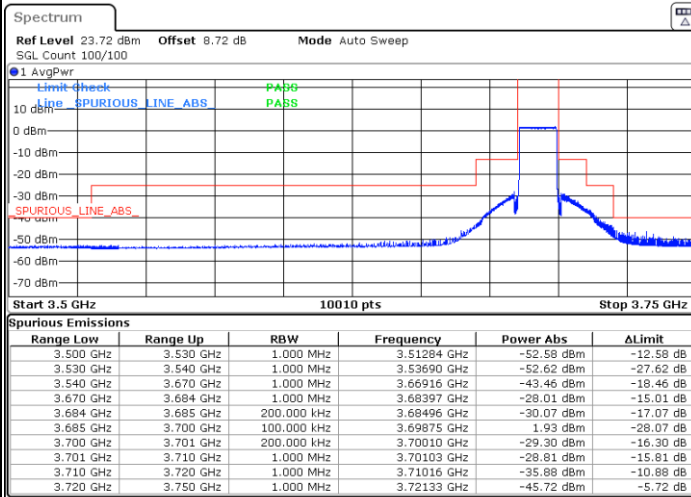
Date: 9.SEP.2024 02:39:08



Date: 9.SEP.2024 02:45:02

Highest Channel / FullIRB

N/A



Date: 9.SEP.2024 02:50:56

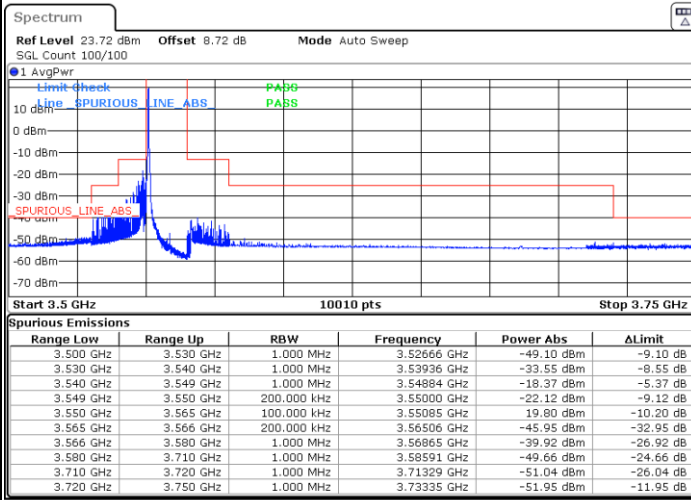


LTE Band 48 / 15MHz

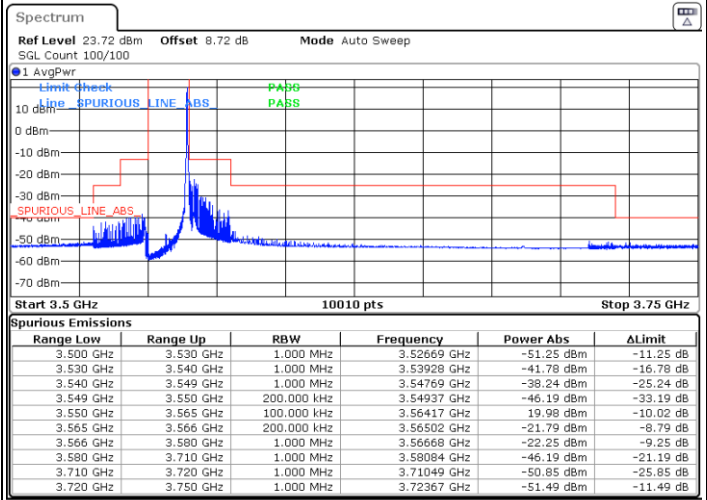
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



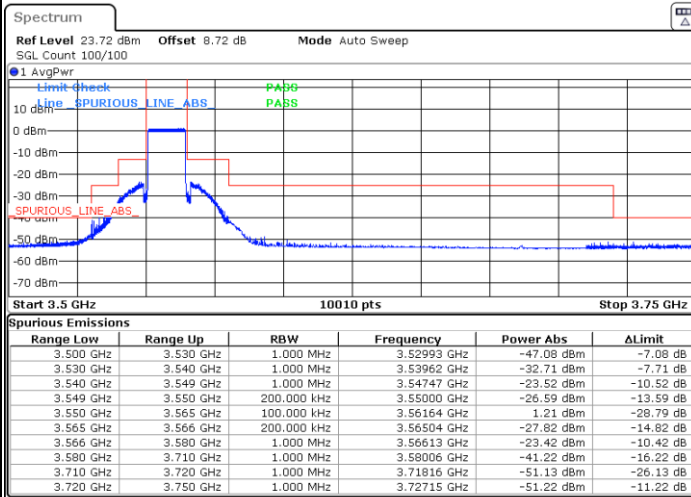
Date: 9.SEP.2024 02:05:48



Date: 9.SEP.2024 02:11:42

Lowest Channel / FullRB

N/A



Date: 9.SEP.2024 02:17:36

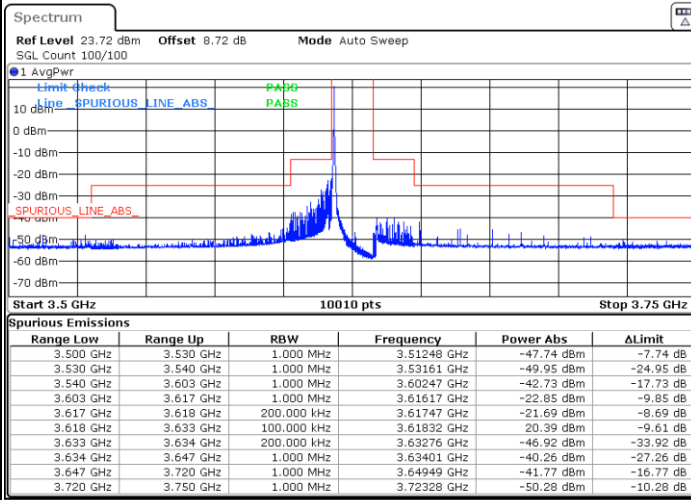


LTE Band 48 / 15MHz

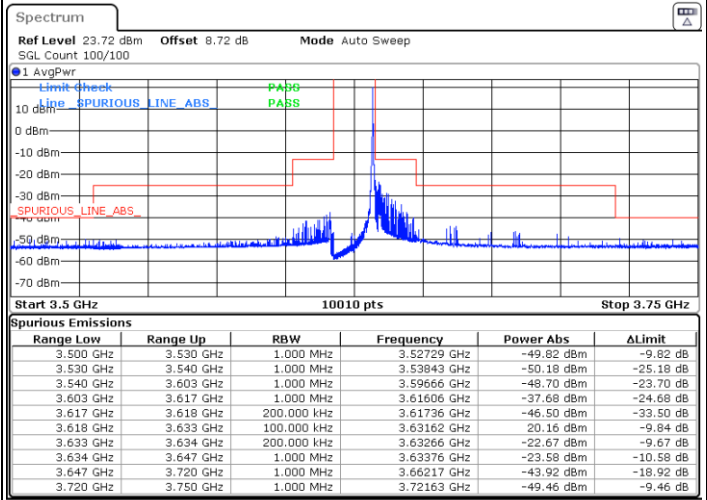
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



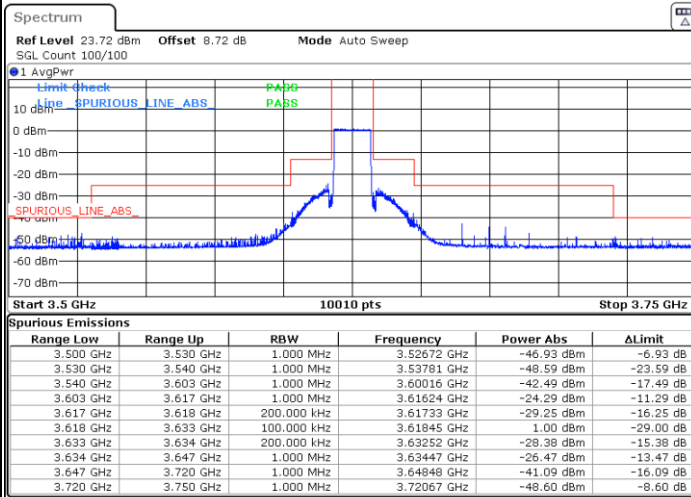
Date: 9.SEP.2024 02:23:30



Date: 9.SEP.2024 02:29:21

Middle Channel / Full

N/A



Date: 9.SEP.2024 02:35:12

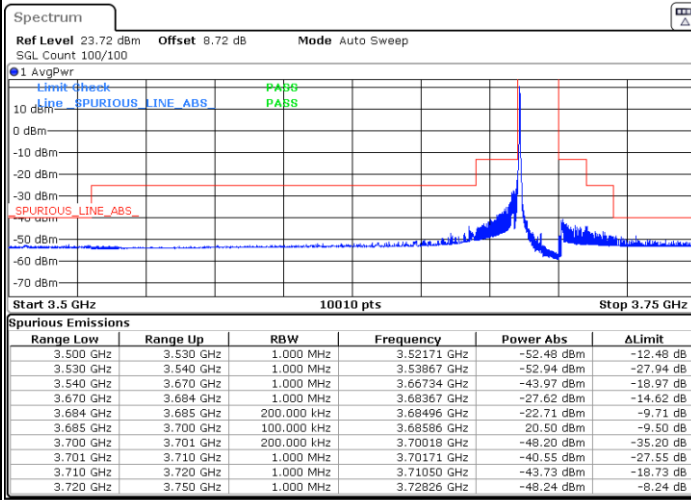


LTE Band 48 / 15MHz

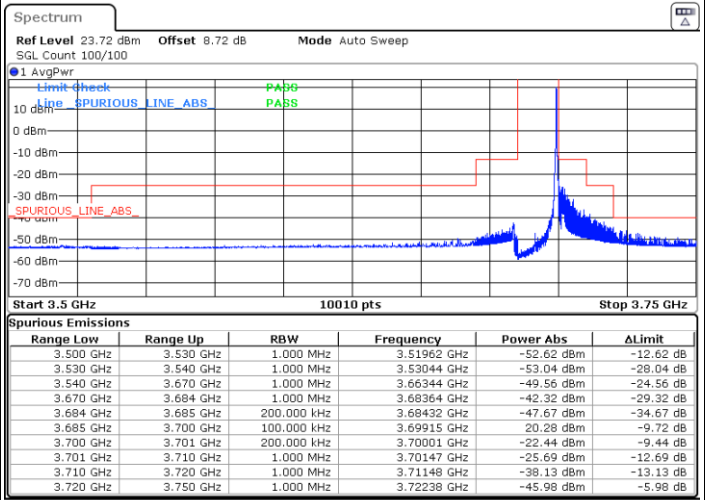
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



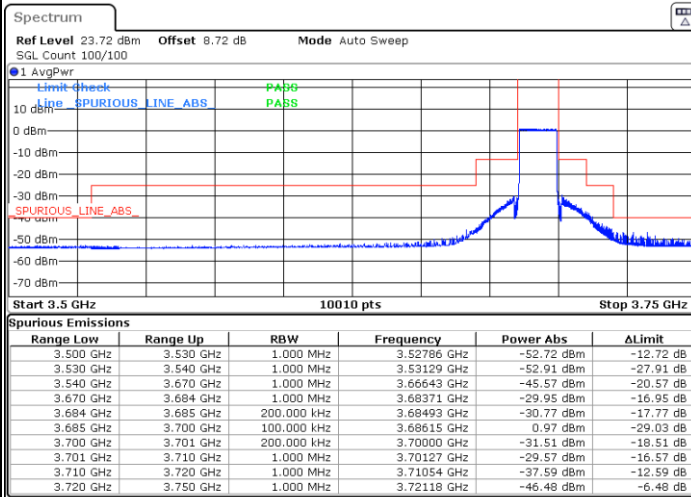
Date: 9.SEP.2024 02:41:06



Date: 9.SEP.2024 02:47:00

Highest Channel / FullIRB

N/A



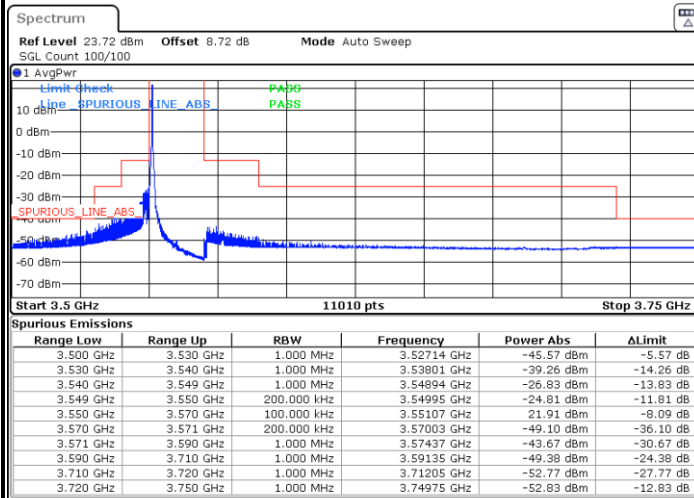
Date: 9.SEP.2024 02:52:54



LTE Band 48 / 20MHz

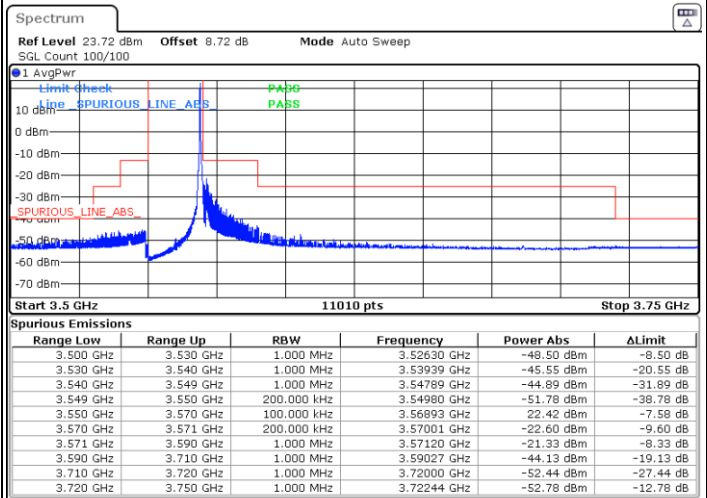
QPSK

Lowest Channel / 1RB0



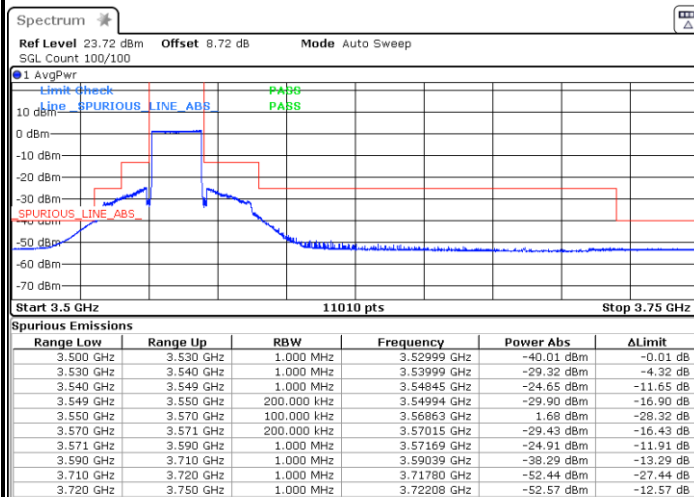
Date: 9.SEP.2024 03:01:34

Lowest Channel / 1RBmax



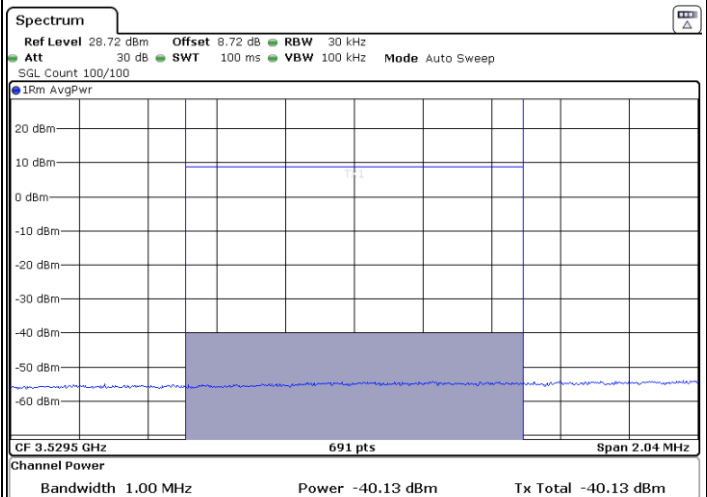
Date: 9.SEP.2024 03:07:28

Lowest Channel / FullRB



Date: 9.SEP.2024 05:04:16

N/A



Date: 9.SEP.2024 05:12:19

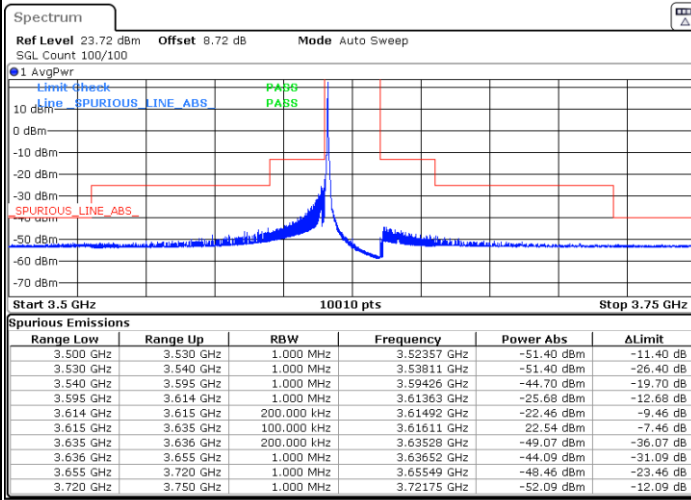


LTE Band 48 / 20MHz

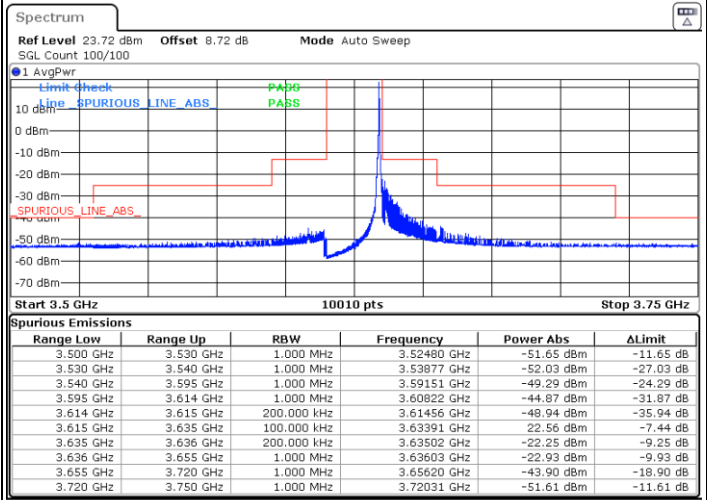
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



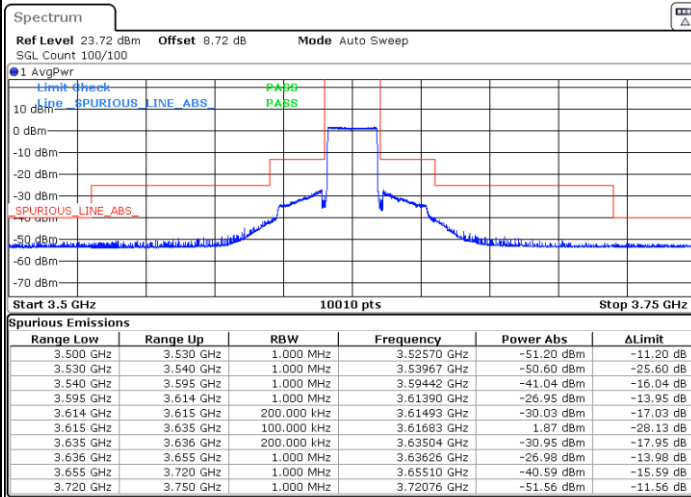
Date: 9.SEP.2024 03:19:18



Date: 9.SEP.2024 03:25:10

Middle Channel / Full

N/A



Date: 9.SEP.2024 03:31:02

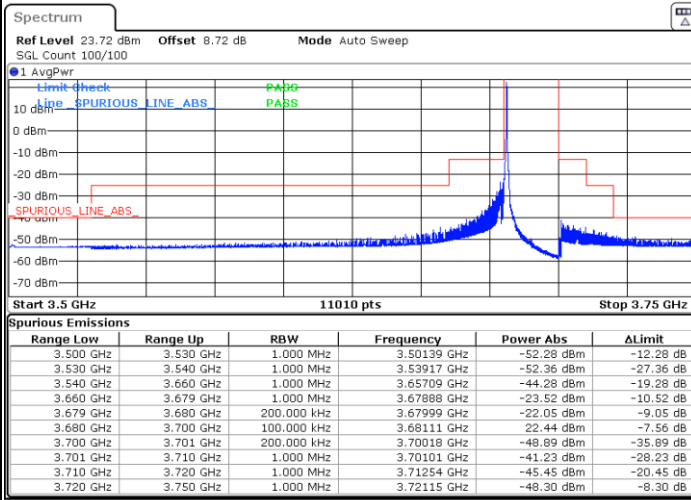


LTE Band 48 / 20MHz

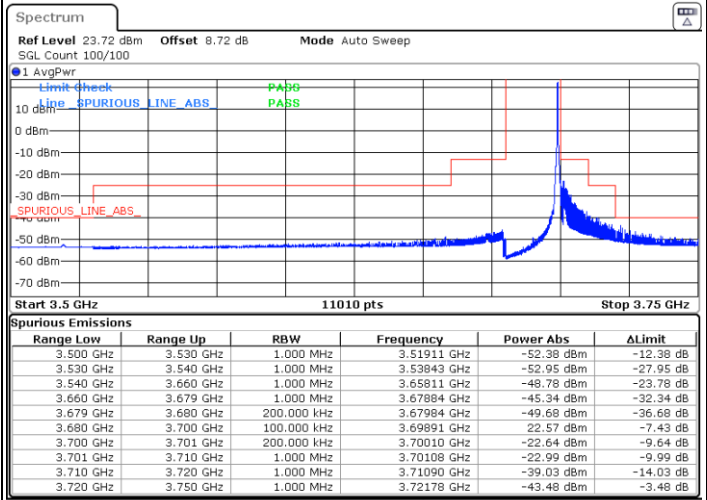
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



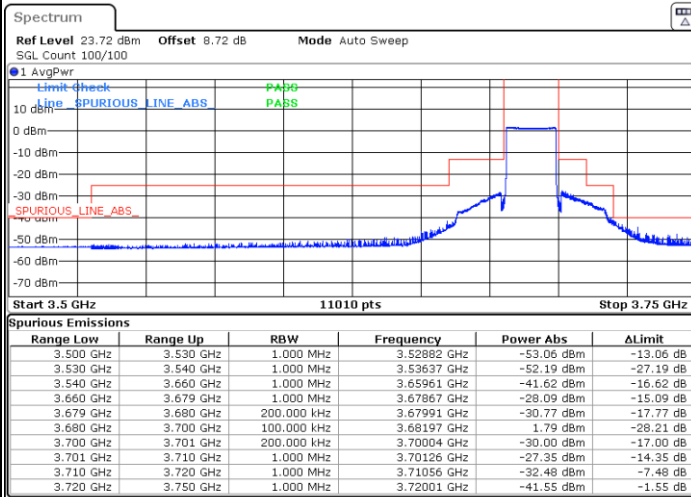
Date: 9.SEP.2024 03:36:55



Date: 9.SEP.2024 03:42:52

Highest Channel / FullIRB

N/A



Date: 9.SEP.2024 03:48:48

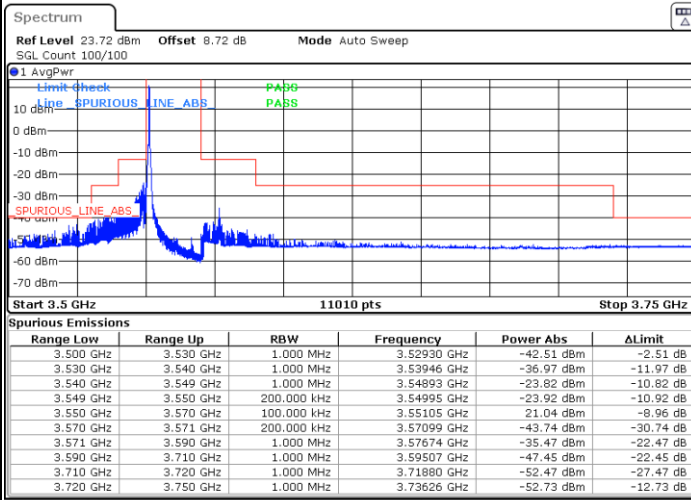


LTE Band 48 / 20MHz

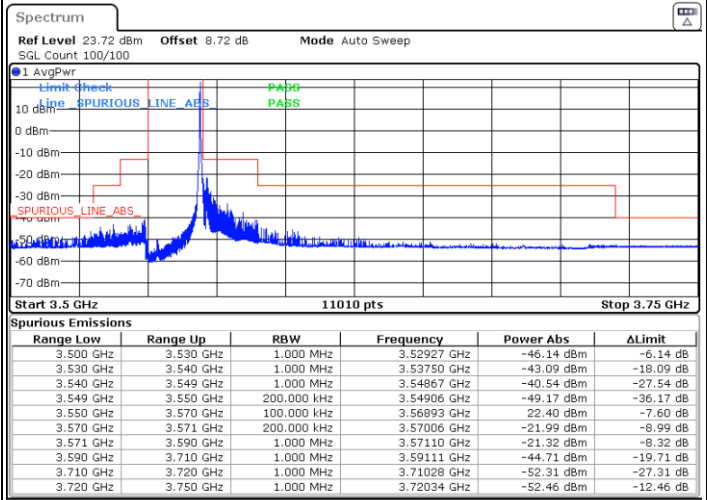
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



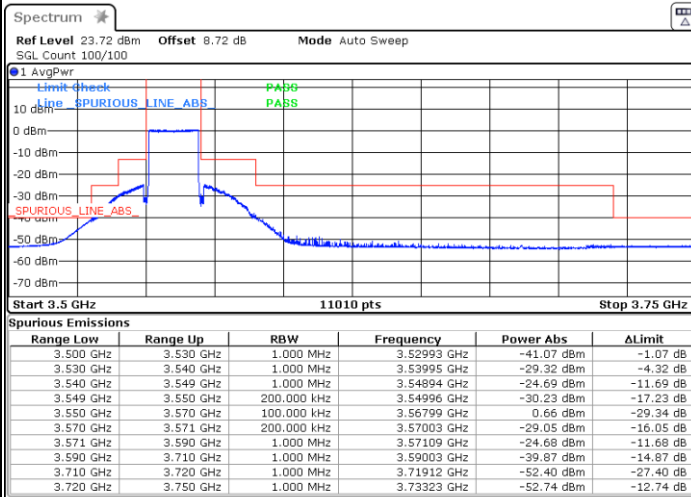
Date: 9.SEP.2024 03:03:32



Date: 9.SEP.2024 03:09:27

Lowest Channel / FullRB

N/A



Date: 9.SEP.2024 05:19:26

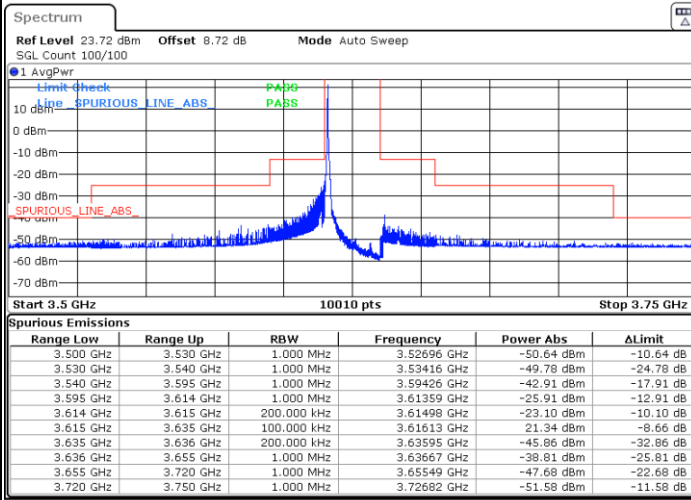


LTE Band 48 / 20MHz

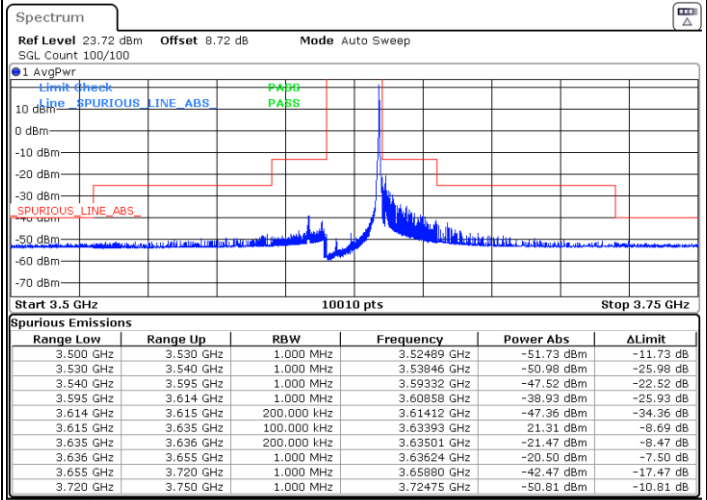
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



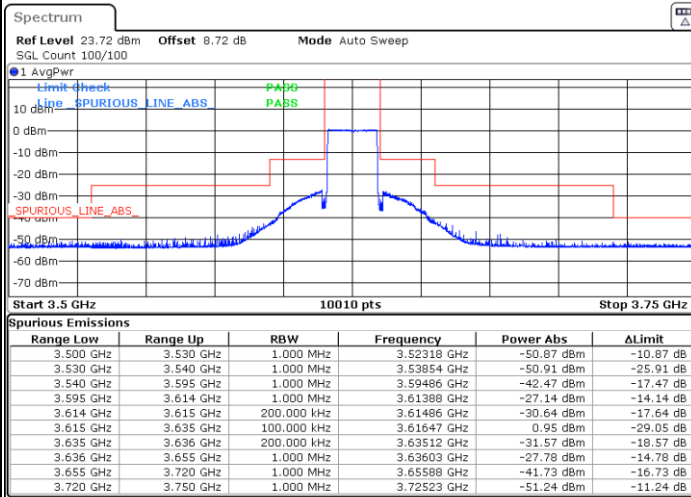
Date: 9.SEP.2024 03:21:15



Date: 9.SEP.2024 03:27:07

Middle Channel / Full

N/A



Date: 9.SEP.2024 03:32:59

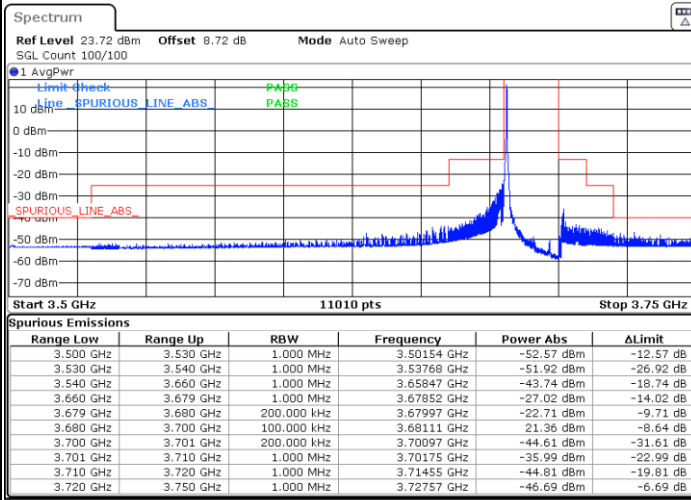


LTE Band 48 / 20MHz

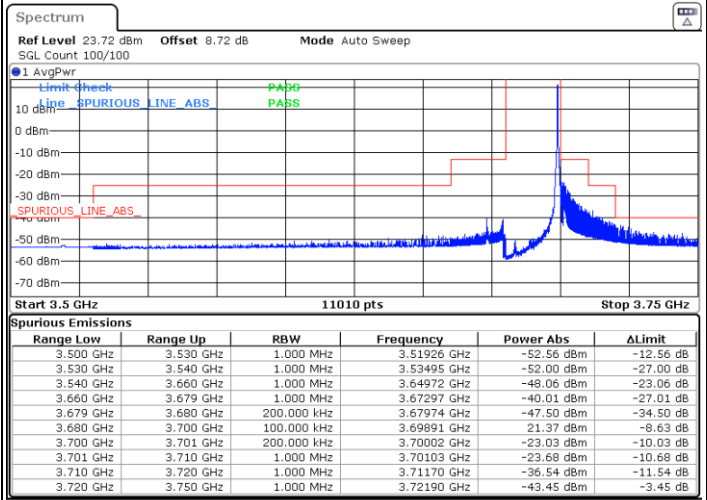
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



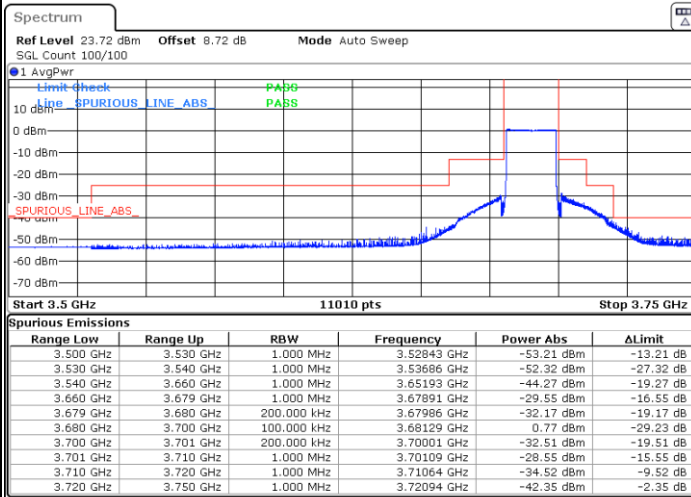
Date: 9.SEP.2024 03:38:54



Date: 9.SEP.2024 03:44:50

Highest Channel / FullIRB

N/A



Date: 9.SEP.2024 03:50:46

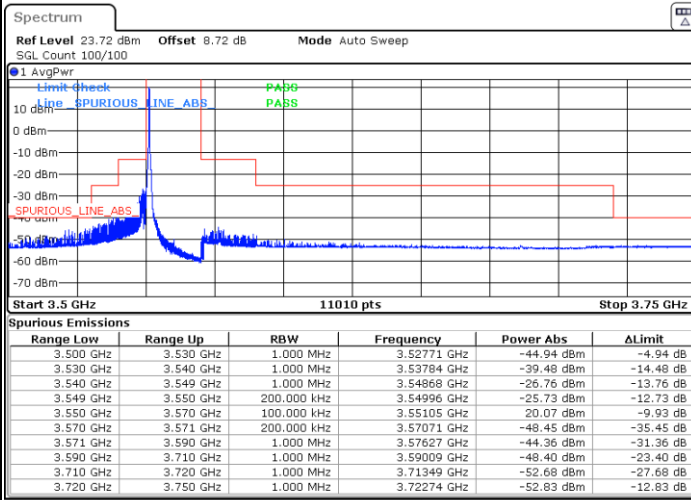


LTE Band 48 / 20MHz

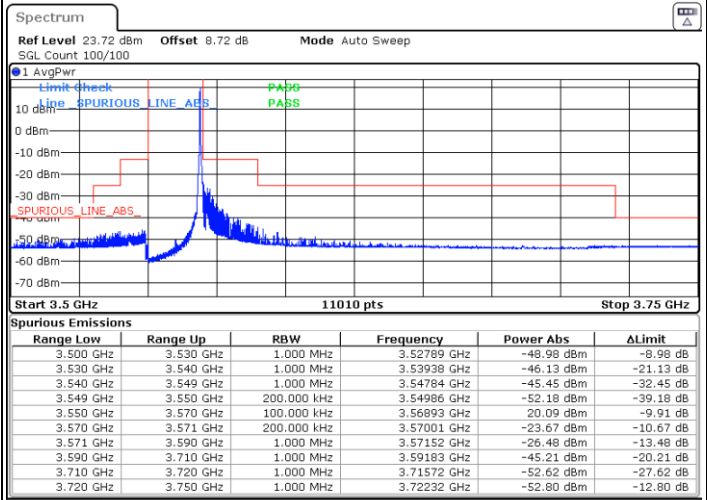
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



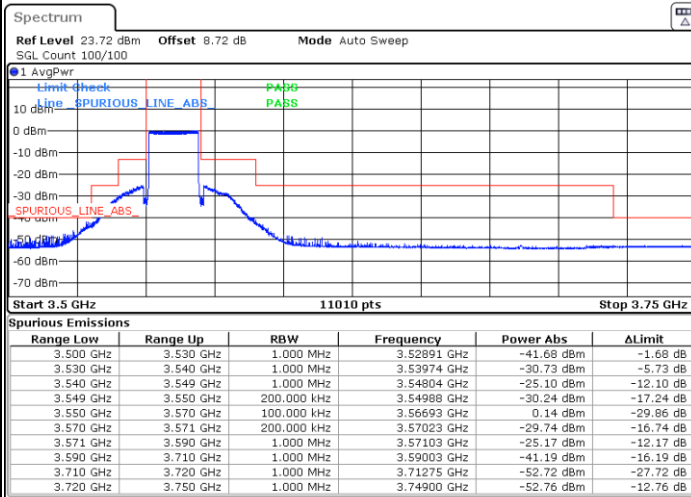
Date: 9.SEP.2024 03:05:30



Date: 9.SEP.2024 03:11:25

Lowest Channel / FullRB

N/A



Date: 9.SEP.2024 03:17:19

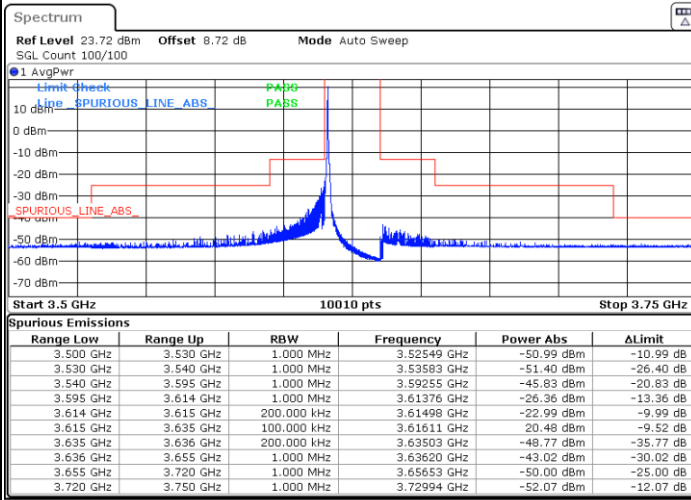


LTE Band 48 / 20MHz

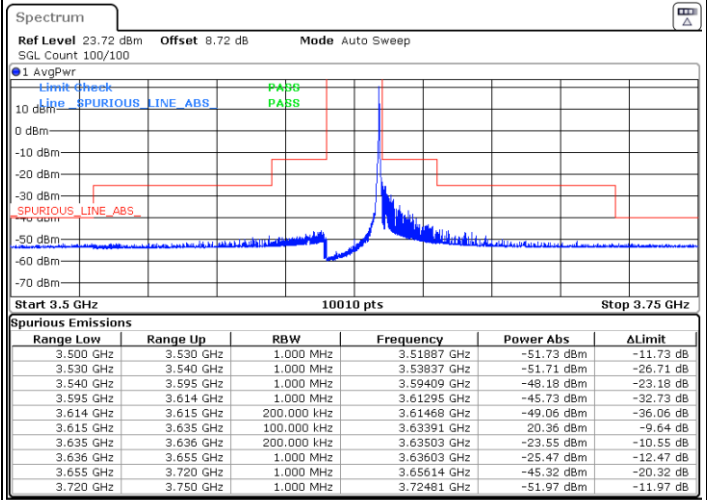
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



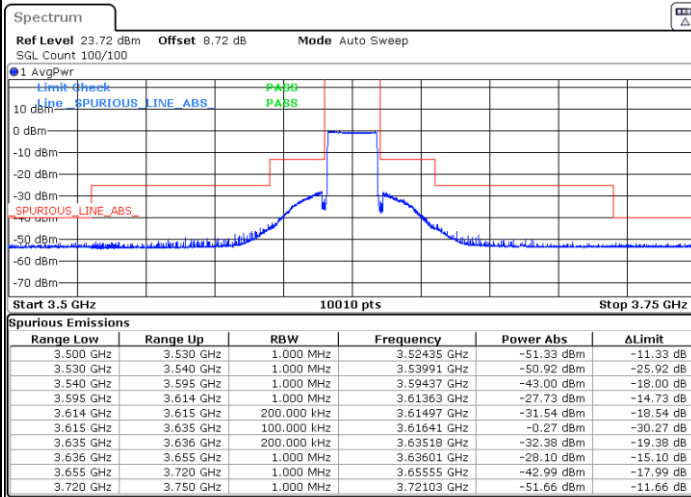
Date: 9.SEP.2024 03:23:13



Date: 9.SEP.2024 03:29:05

Middle Channel / Full

N/A



Date: 9.SEP.2024 03:34:57

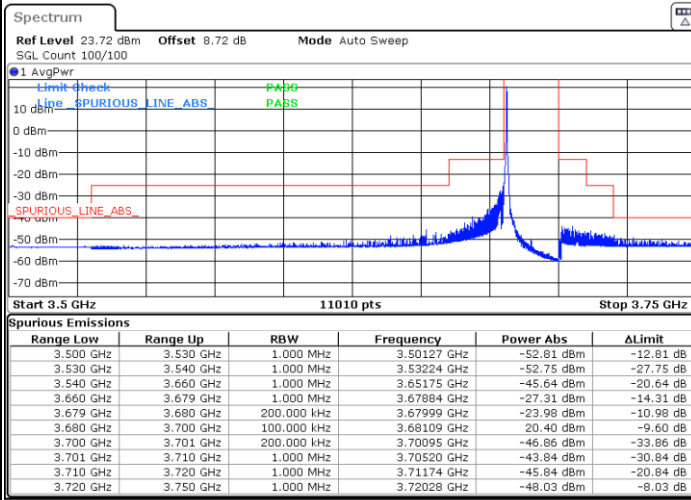


LTE Band 48 / 20MHz

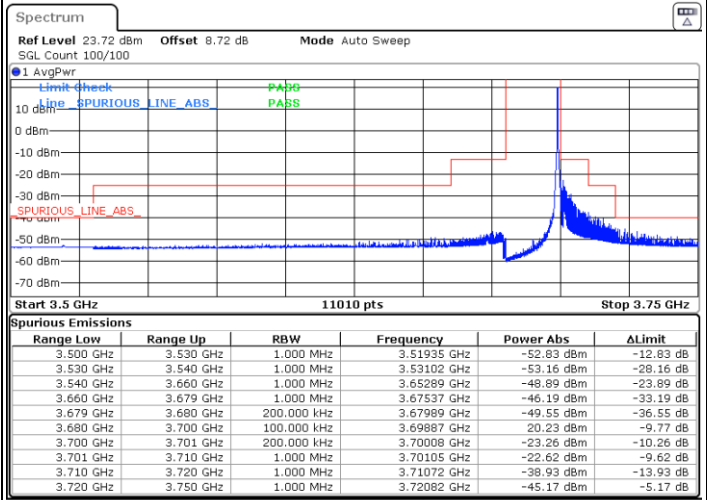
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



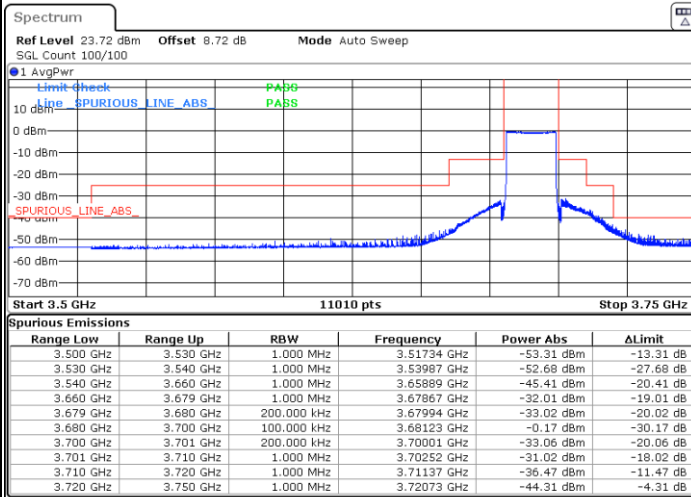
Date: 9.SEP.2024 03:40:53



Date: 9.SEP.2024 03:46:49

Highest Channel / FullIRB

N/A



Date: 9.SEP.2024 03:52:45

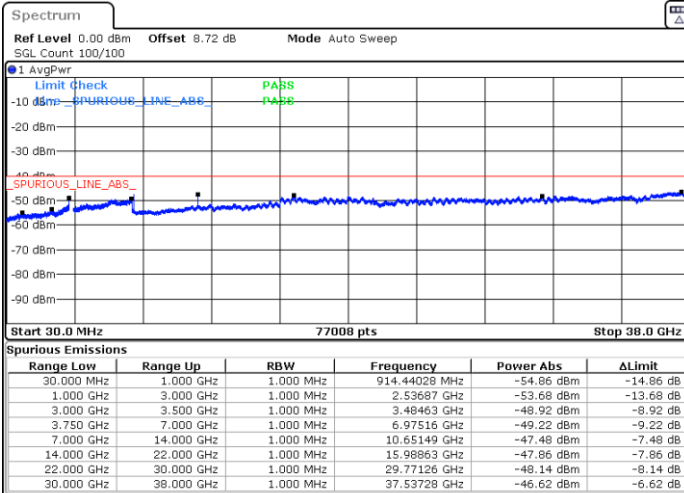
**Conducted Spurious Emission**

LTE Band 48 / 5MHz

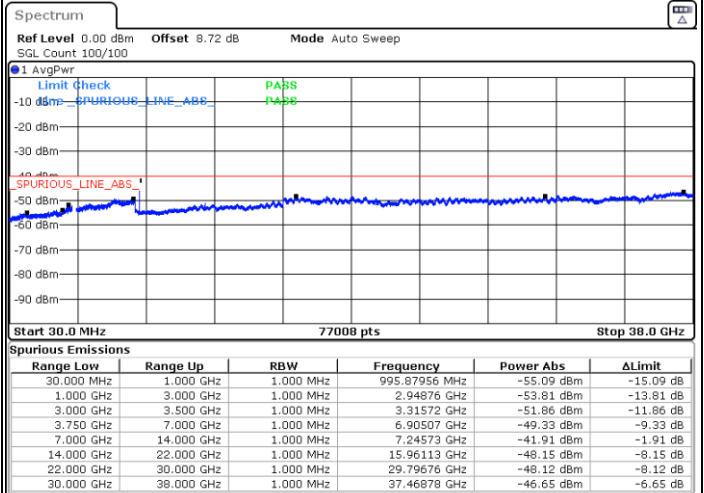
QPSK / 1RB0

Lowest Channel

Middle Channel

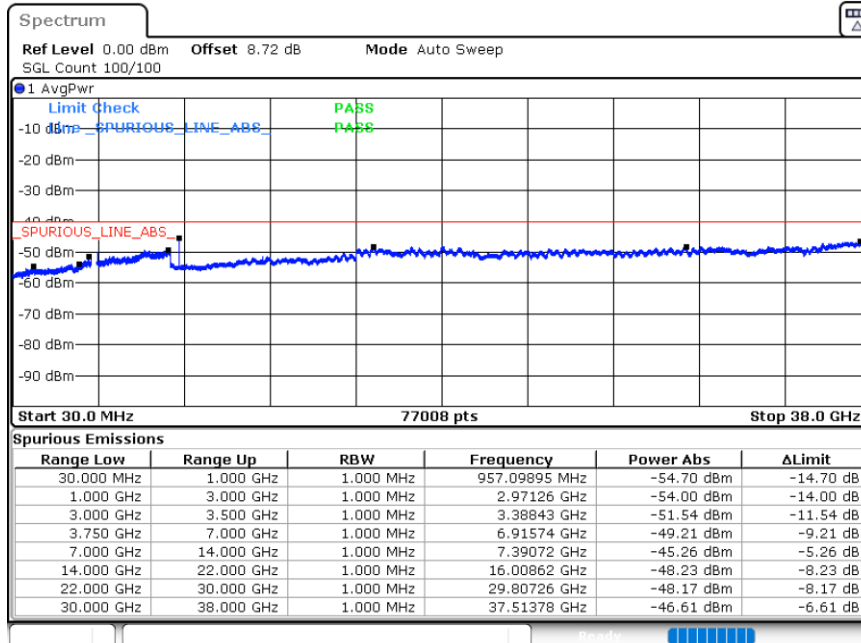


Date: 10.OCT.2024 02:23:21



Date: 10.OCT.2024 02:24:48

Highest Channel



Date: 10.OCT.2024 02:26:15

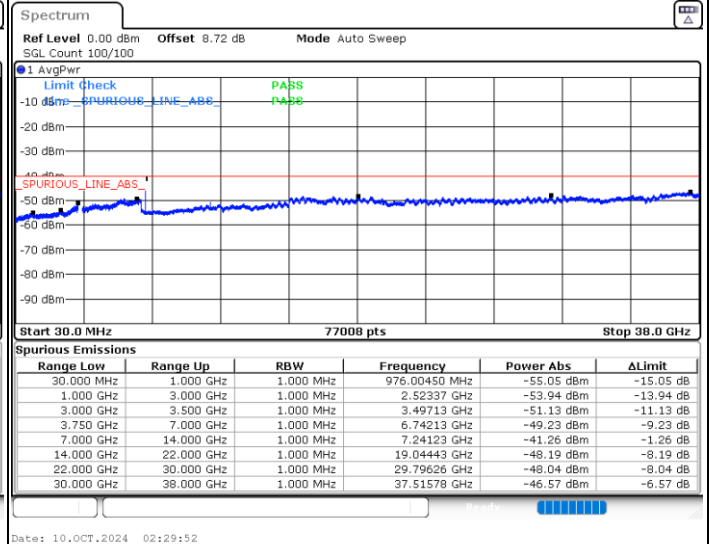
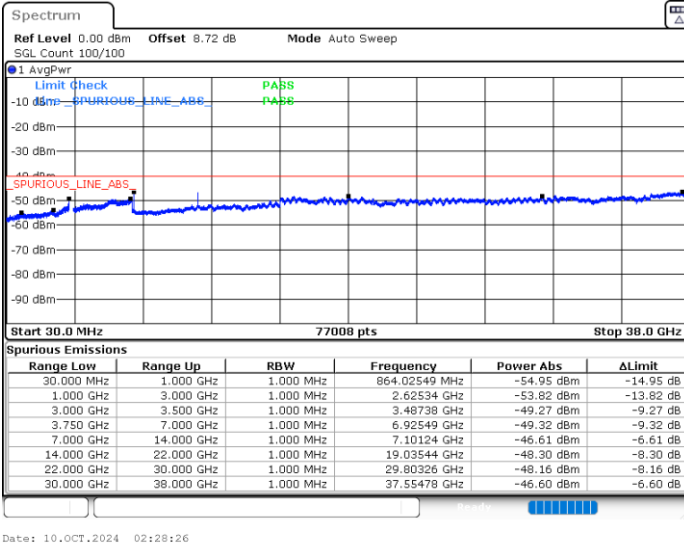


LTE Band 48 / 10MHz

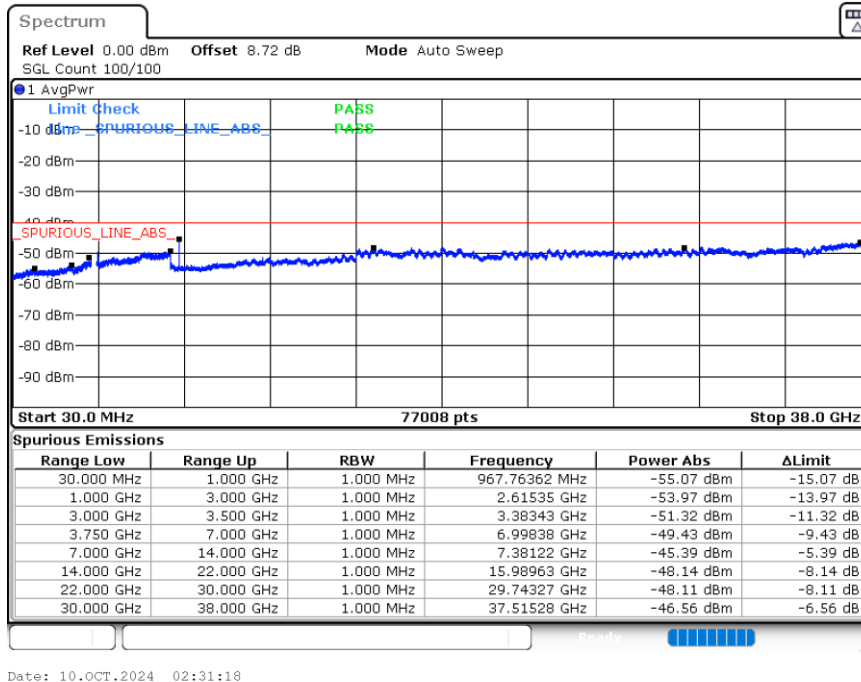
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



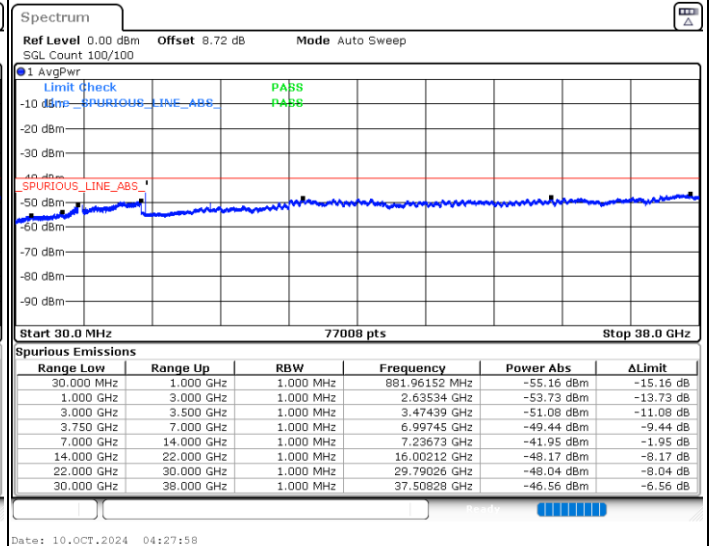
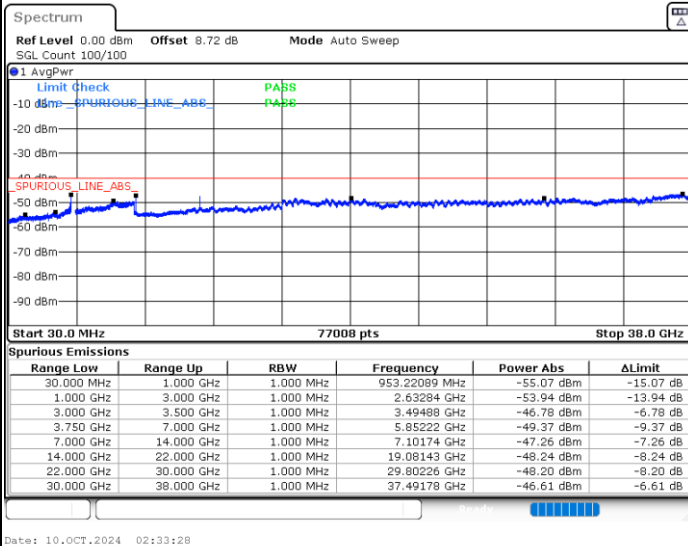


LTE Band 48 / 15MHz

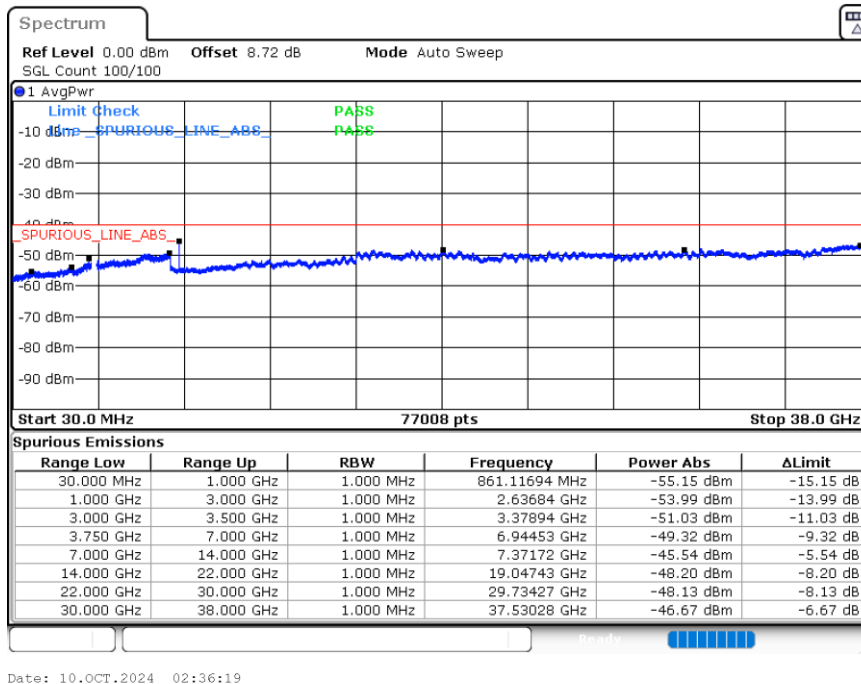
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



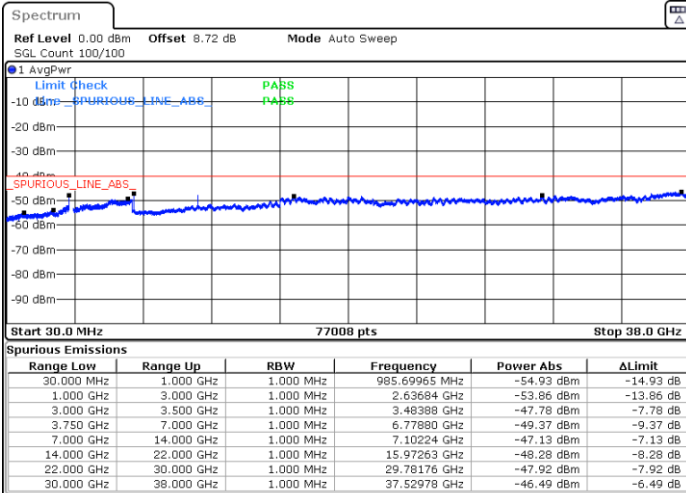


LTE Band 48 / 20MHz

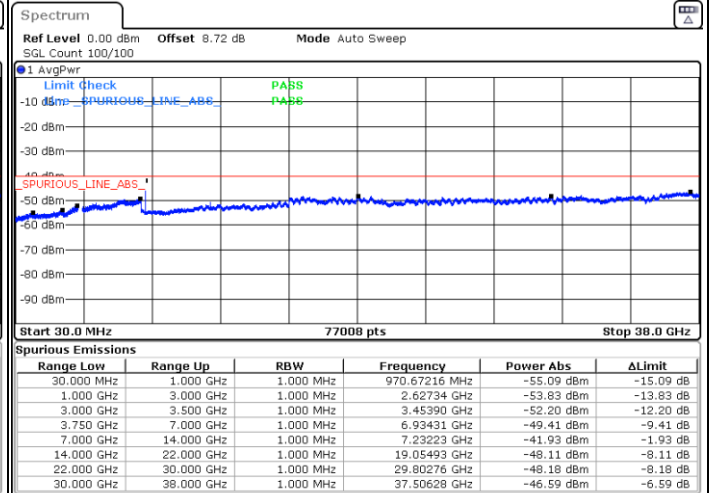
QPSK / 1RB0

Lowest Channel

Middle Channel

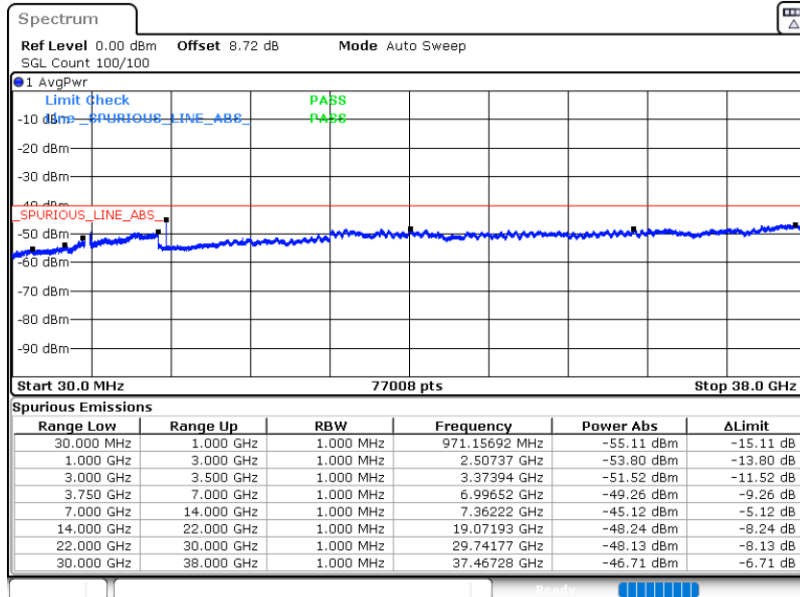


Date: 10.OCT.2024 02:38:30



Date: 10.OCT.2024 02:39:55

Highest Channel



Date: 10.OCT.2024 02:41:22

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	0.0011	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0061	
20(Ref.)	Normal Voltage	0.0001	
10	Normal Voltage	0.0052	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0036	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0006	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.4 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 :	PingZhou Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 48 / 20MHz / QPSK / 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	7102.00	-59.77	-40	-19.77	-58.84	-63.10	8.25	11.58	H
	10653.00	-56.06	-40	-16.06	-59.83	-57.61	10.45	12.00	H
	14204.00	-50.26	-40	-10.26	-58.96	-51.97	11.74	13.45	H
	7102.00	-59.08	-40	-19.08	-58.56	-62.41	8.25	11.58	V
	10653.00	-56.47	-40	-16.47	-59.78	-58.02	10.45	12.00	V
	14204.00	-51.17	-40	-11.17	-59.42	-52.88	11.74	13.45	V
Middle	7232.00	-60.29	-40	-20.29	-59.47	-63.59	8.30	11.60	H
	10848.00	-54.85	-40	-14.85	-59.42	-56.37	10.48	12.00	H
	14464.00	-49.00	-40	-9.00	-59.00	-50.70	11.80	13.50	H
	7232.00	-59.85	-40	-19.85	-59.34	-63.15	8.30	11.60	V
	10848.00	-55.39	-40	-15.39	-59.59	-56.91	10.48	12.00	V
	14464.00	-49.75	-40	-9.75	-59.17	-51.45	11.80	13.50	V
Highest	7362.00	-59.49	-40	-19.49	-58.65	-62.79	8.32	11.62	H
	11043.00	-54.82	-40	-14.82	-60.10	-56.50	10.52	12.20	H
	14724.00	-49.75	-40	-9.75	-59.99	-51.45	11.85	13.55	H
	7362.00	-59.78	-40	-19.78	-59.03	-63.08	8.32	11.62	V
	11043.00	-55.03	-40	-15.03	-60.02	-56.71	10.52	12.20	V
	14724.00	-50.44	-40	-10.44	-60.12	-52.14	11.85	13.55	V

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