

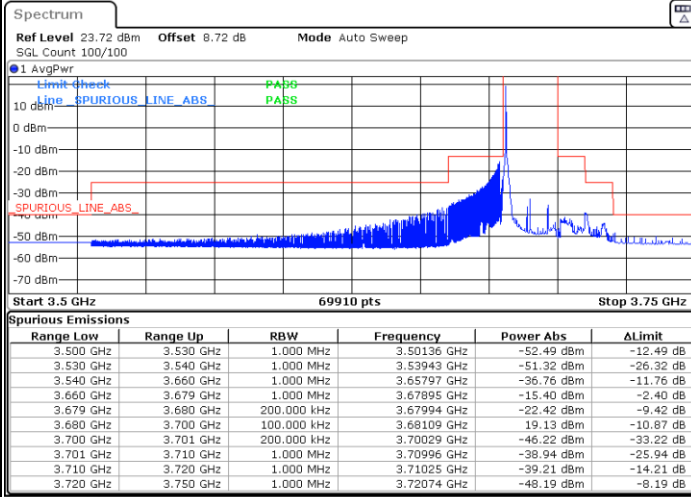


LTE Band 48 / 20MHz

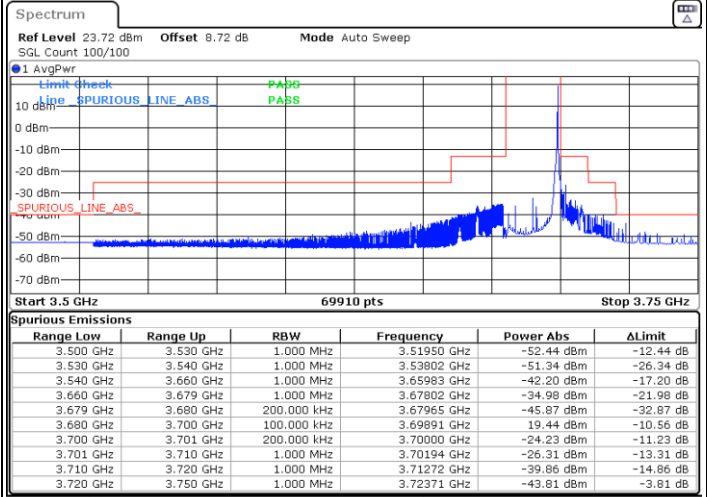
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



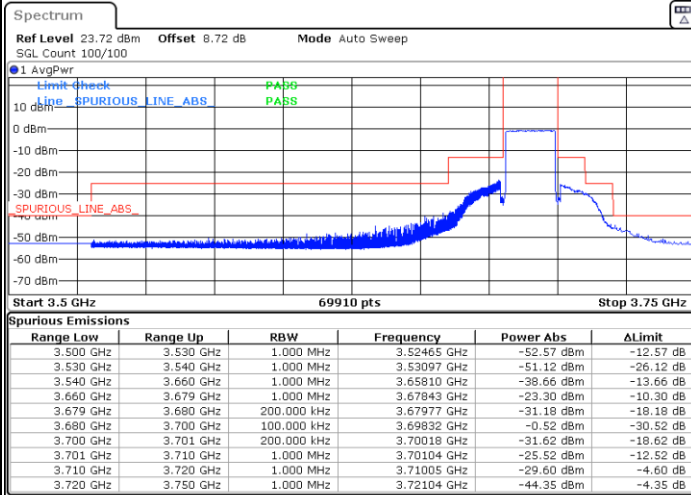
Date: 9.MAY.2024 17:24:59



Date: 9.MAY.2024 16:38:38

Highest Channel / FullIRB

N/A



Date: 9.MAY.2024 16:46:11

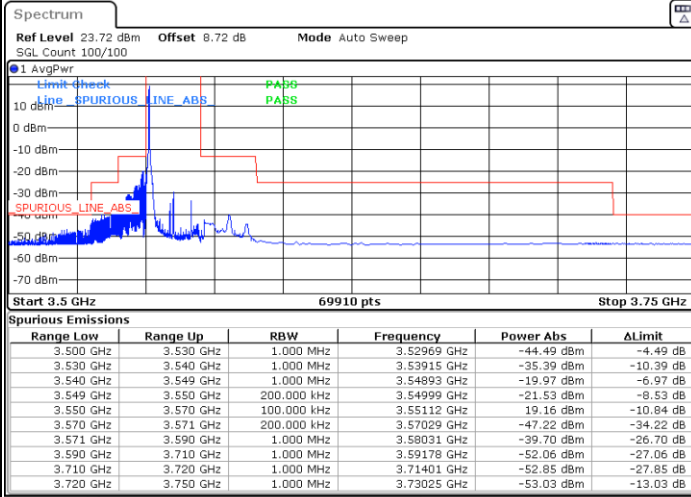


LTE Band 48 / 20MHz

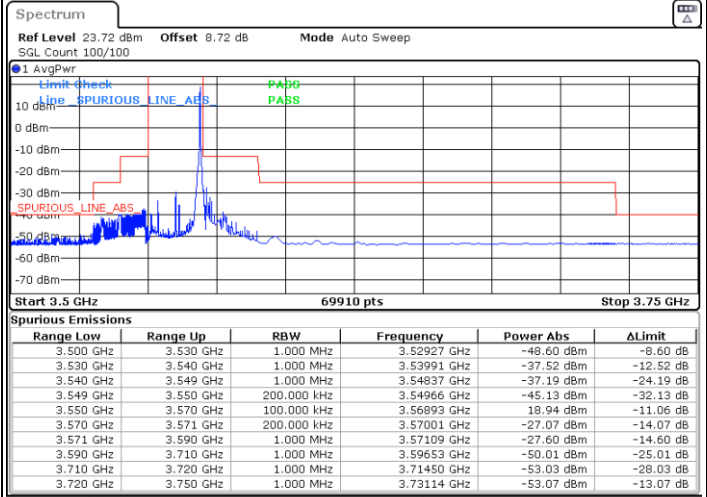
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



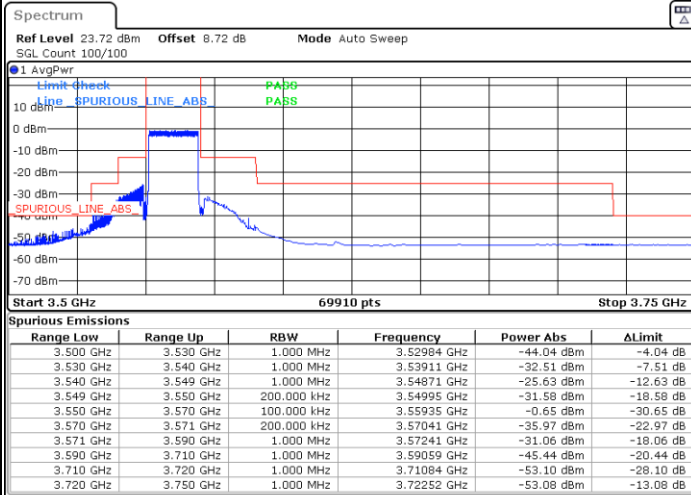
Date: 9.MAY.2024 17:04:07



Date: 9.MAY.2024 17:11:43

Lowest Channel / FullRB

N/A



Date: 9.MAY.2024 17:19:16

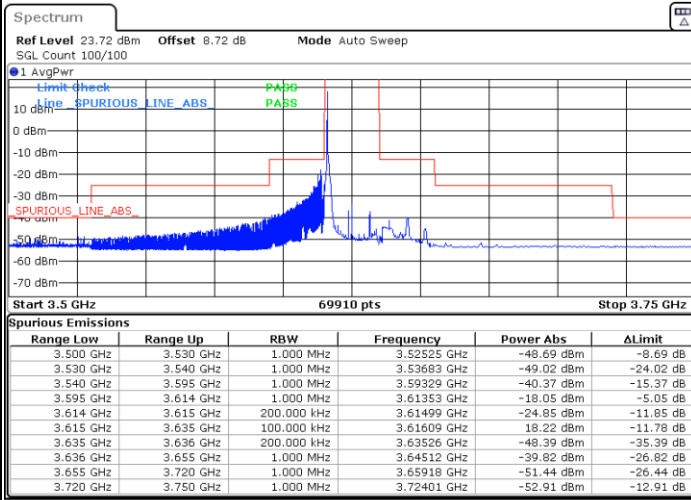


LTE Band 48 / 20MHz

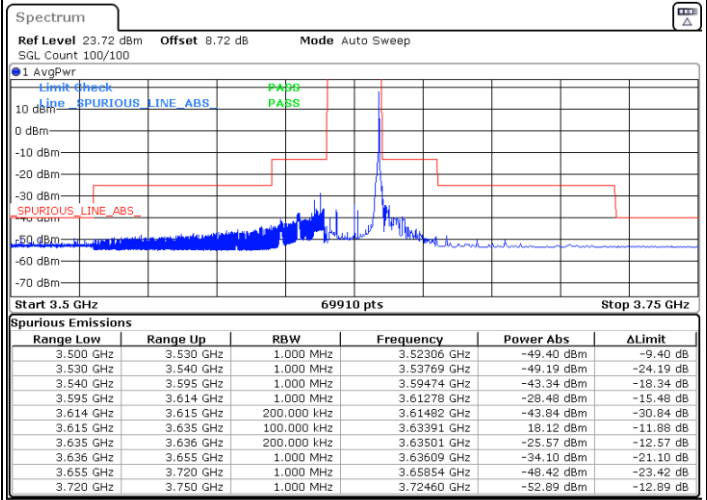
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



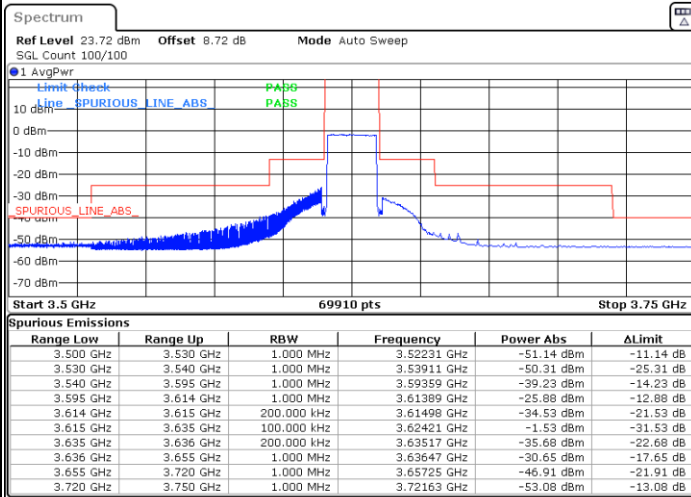
Date: 9.MAY.2024 16:13:35



Date: 9.MAY.2024 16:19:08

Middle Channel / Full

N/A



Date: 9.MAY.2024 16:24:59

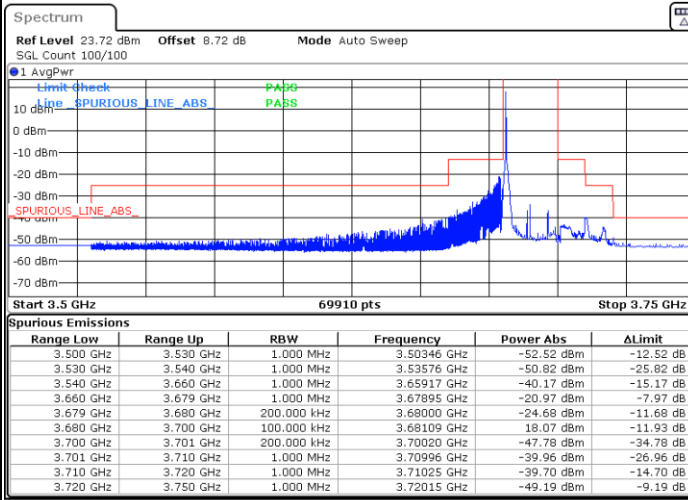


LTE Band 48 / 20MHz

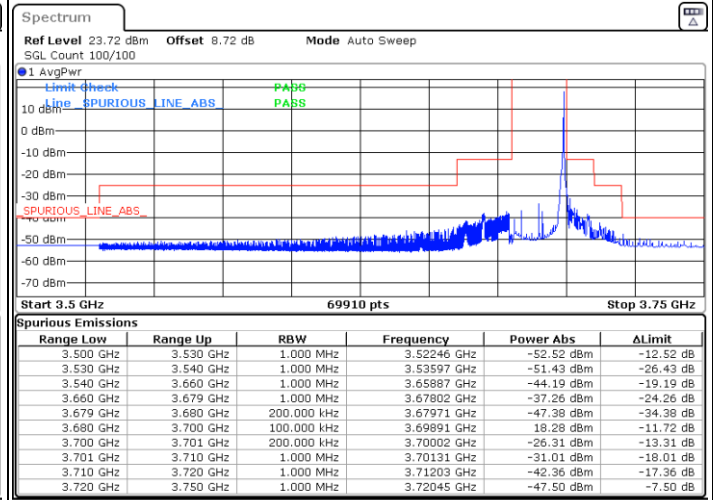
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



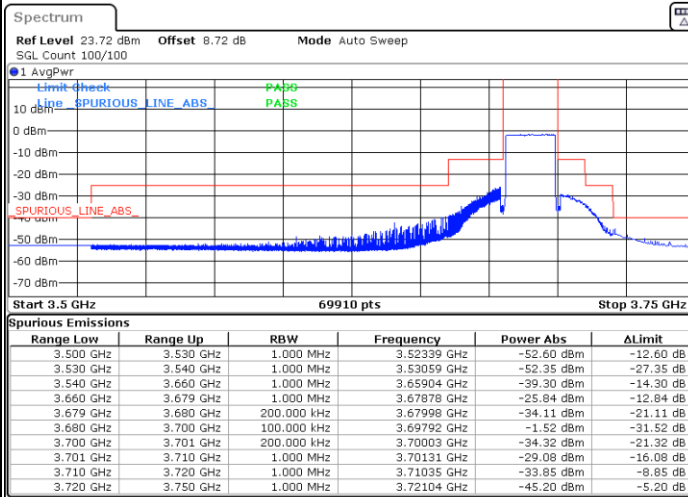
Date: 9.MAY.2024 17:26:52



Date: 9.MAY.2024 16:40:32

Highest Channel / FullIRB

N/A



Date: 9.MAY.2024 16:48:04

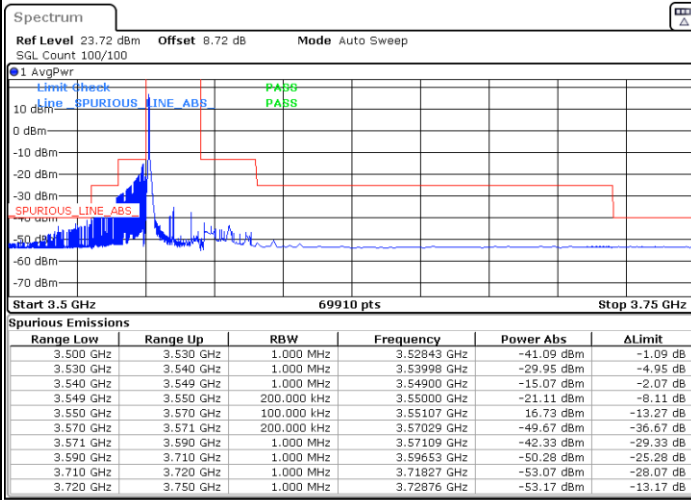


LTE Band 48 / 20MHz

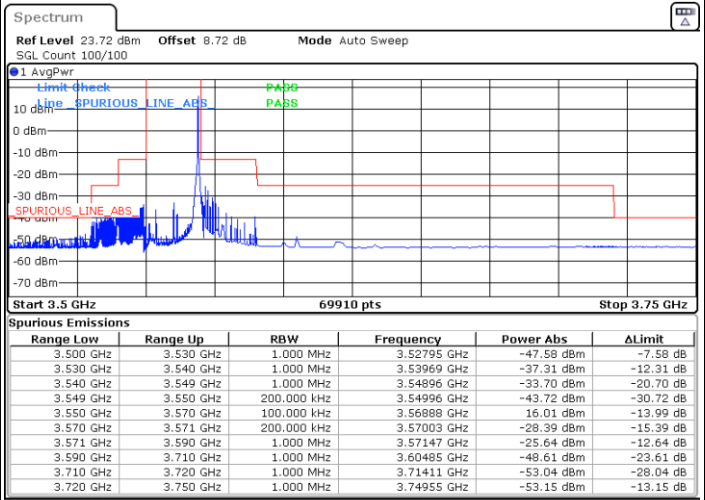
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



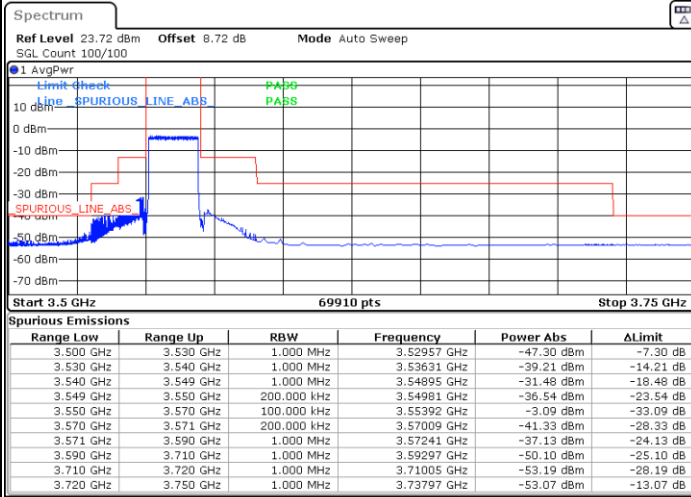
Date: 9.MAY.2024 17:06:00



Date: 9.MAY.2024 17:13:36

Lowest Channel / FullRB

N/A



Date: 9.MAY.2024 17:21:09

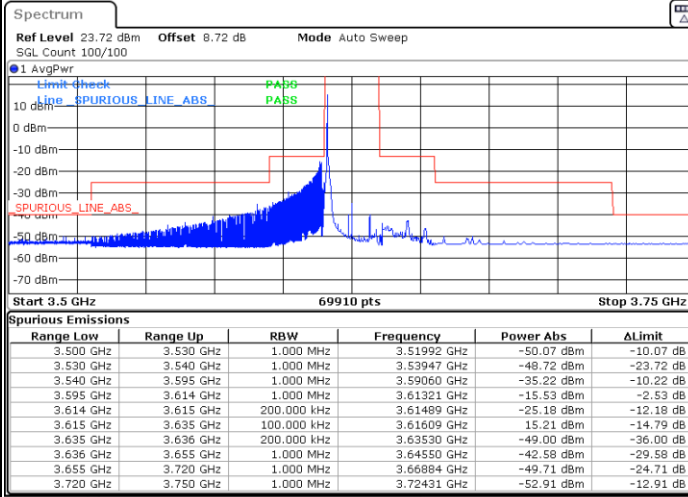


LTE Band 48 / 20MHz

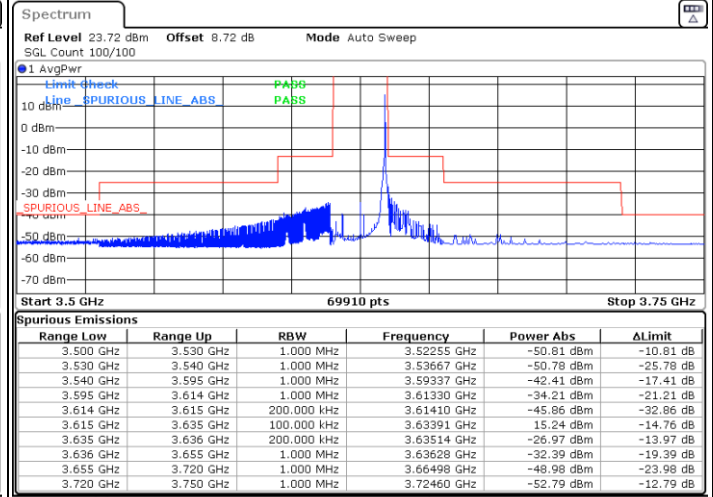
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



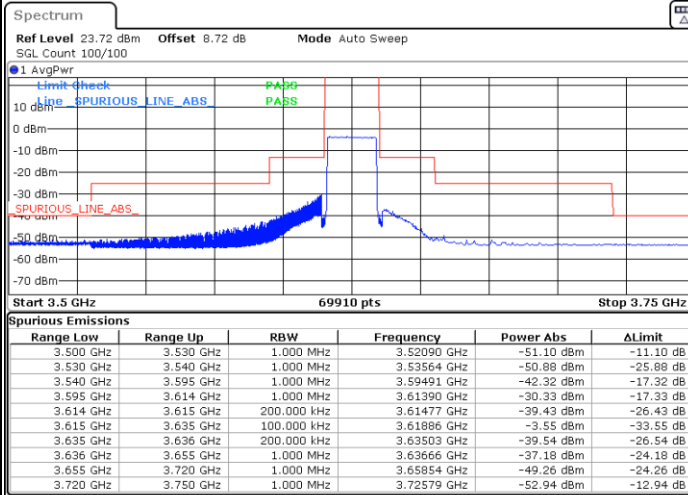
Date: 9.MAY.2024 16:14:58



Date: 9.MAY.2024 16:20:36

Middle Channel / Full

N/A



Date: 9.MAY.2024 16:26:26

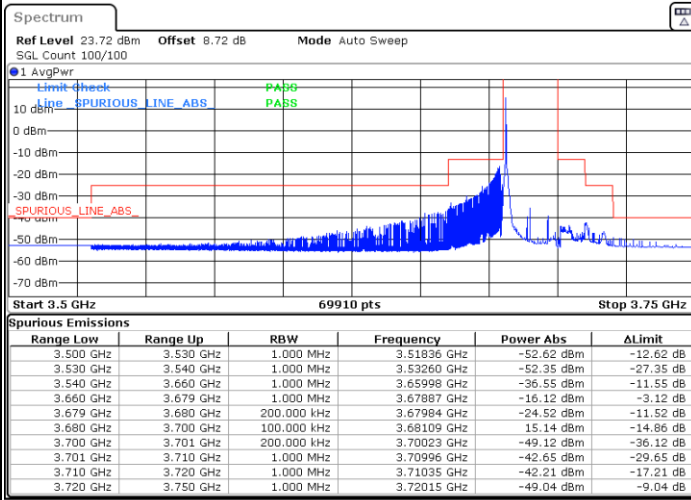


LTE Band 48 / 20MHz

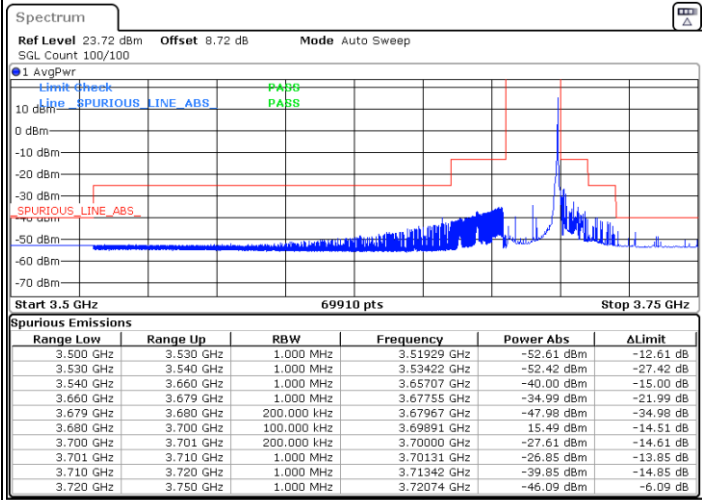
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



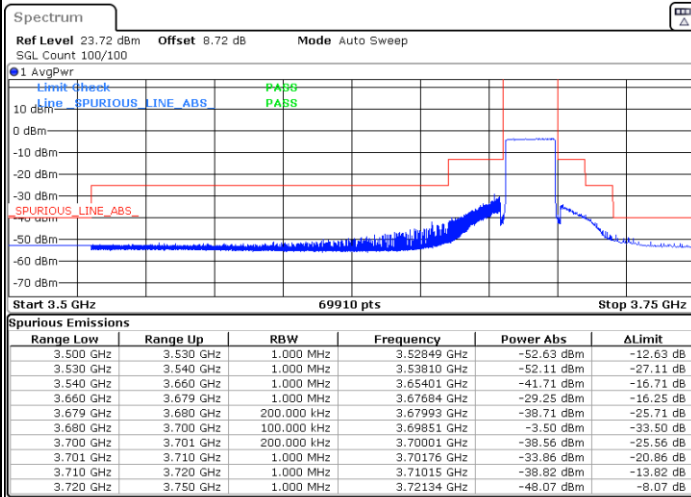
Date: 9.MAY.2024 16:33:02



Date: 9.MAY.2024 16:42:25

Highest Channel / FullRB

N/A



Date: 9.MAY.2024 16:49:58



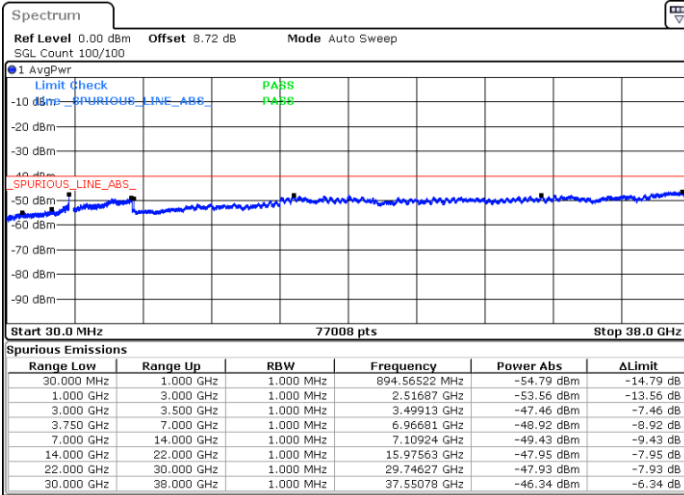
Conducted Spurious Emission

LTE Band 48 / 5MHz

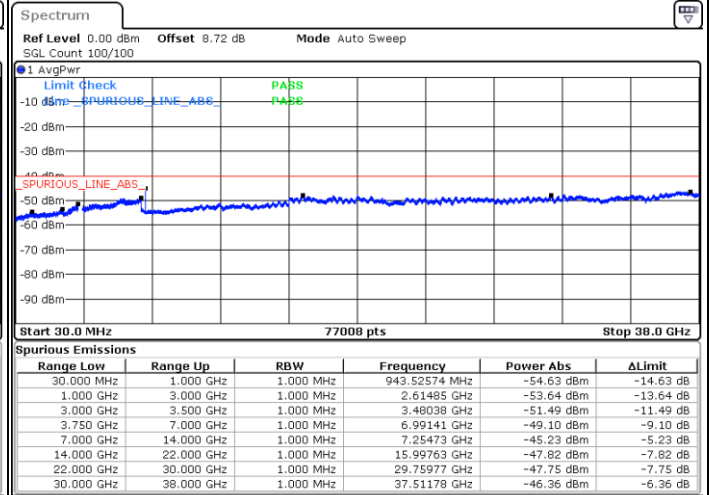
QPSK / 1RB0

Lowest Channel

Middle Channel

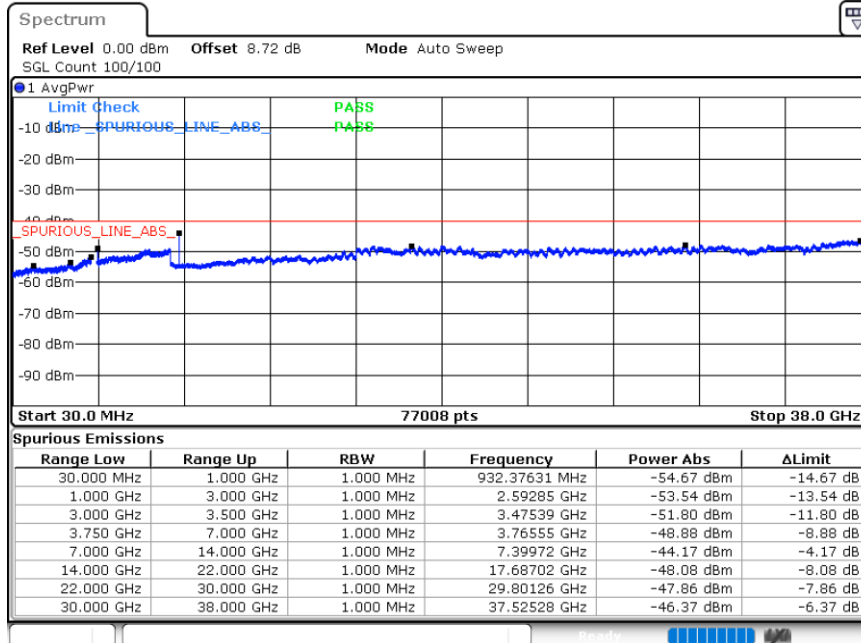


Date: 10.MAY.2024 09:34:39



Date: 10.MAY.2024 09:36:11

Highest Channel



Date: 10.MAY.2024 09:37:44

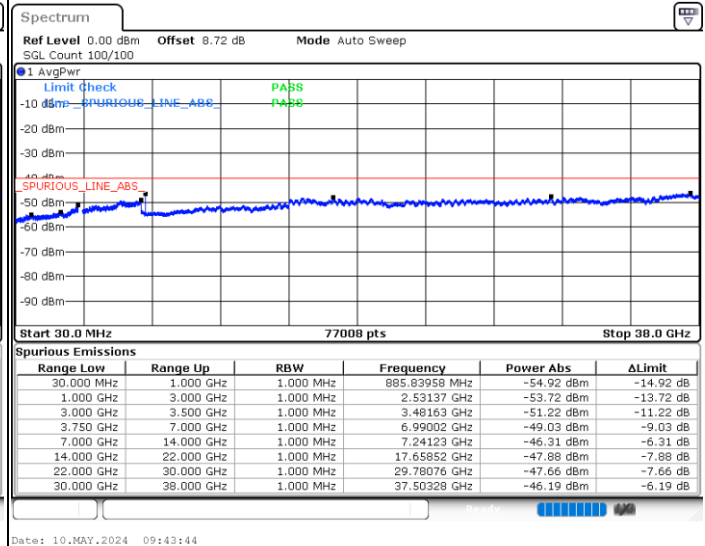
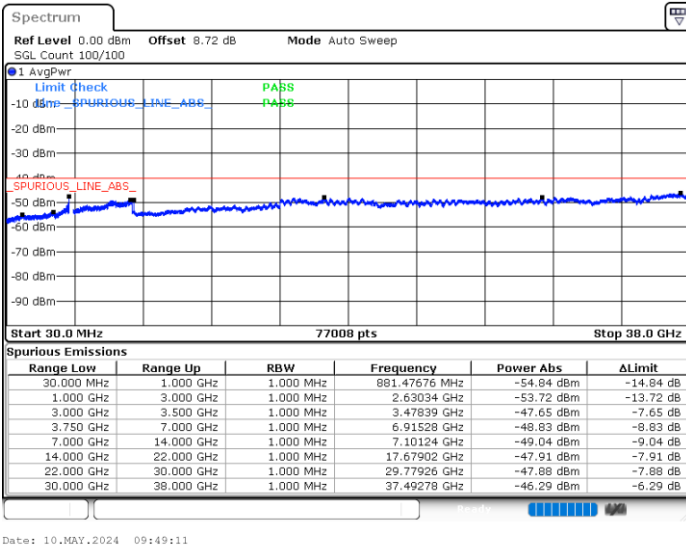


LTE Band 48 / 10MHz

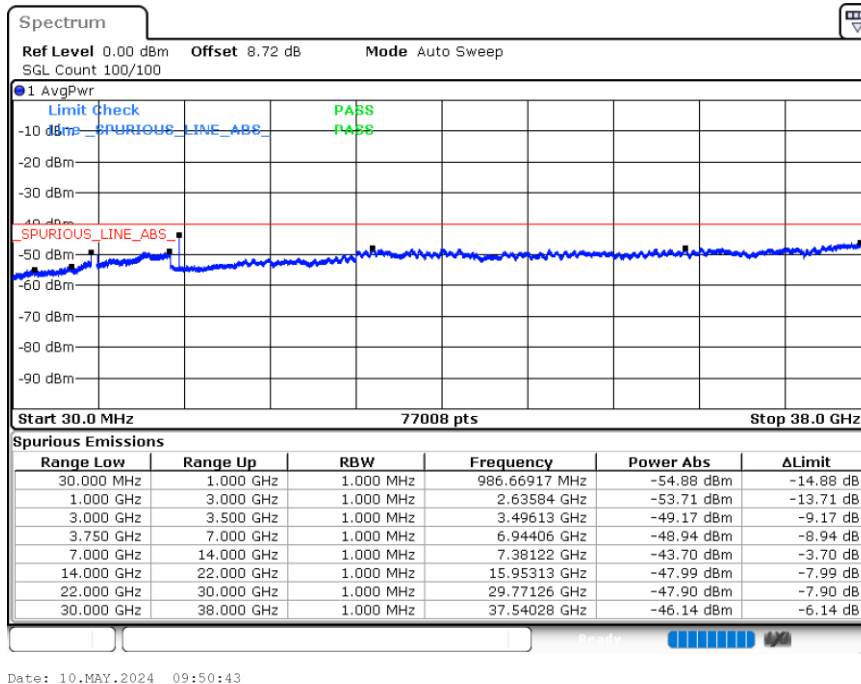
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



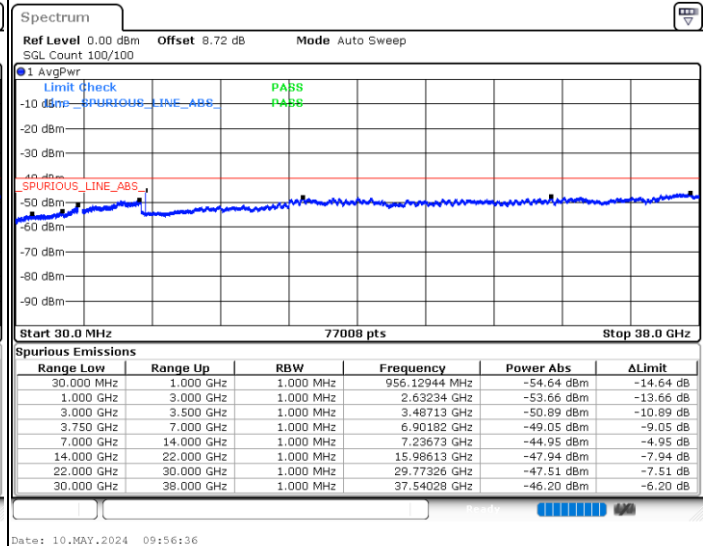
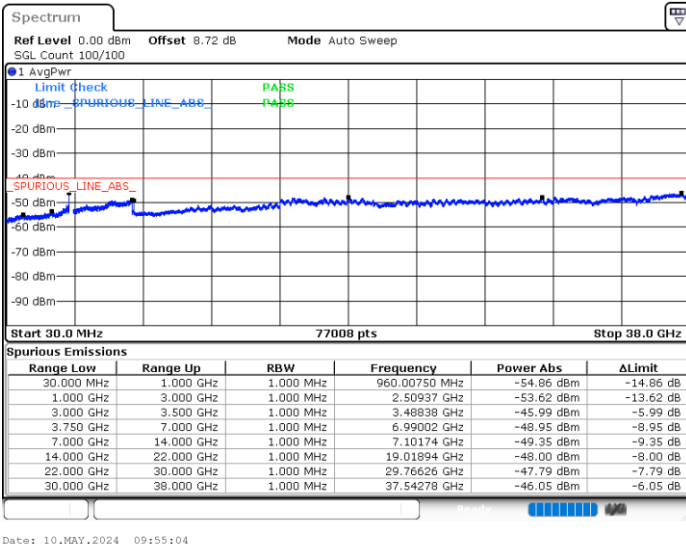


LTE Band 48 / 15MHz

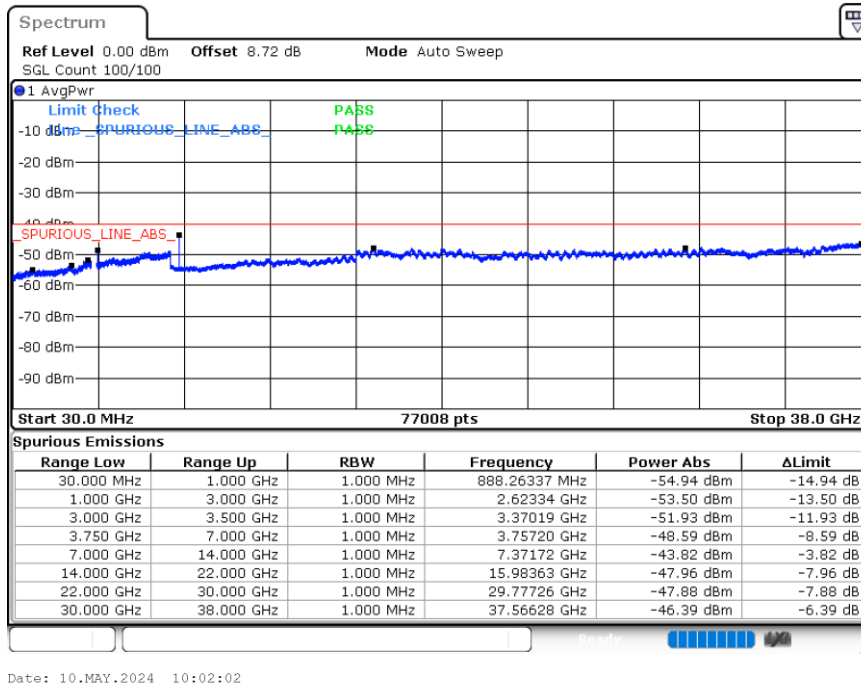
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



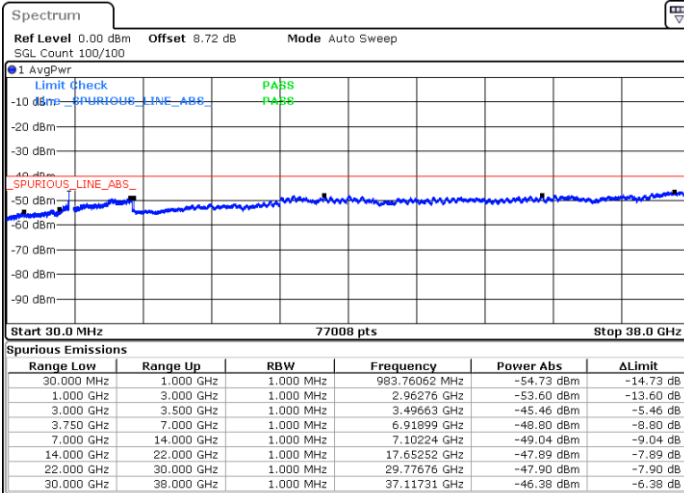


LTE Band 48 / 20MHz

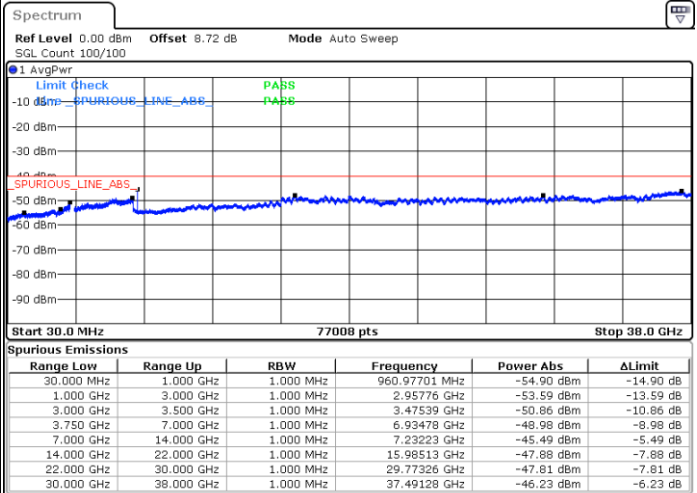
QPSK / 1RB0

Lowest Channel

Middle Channel

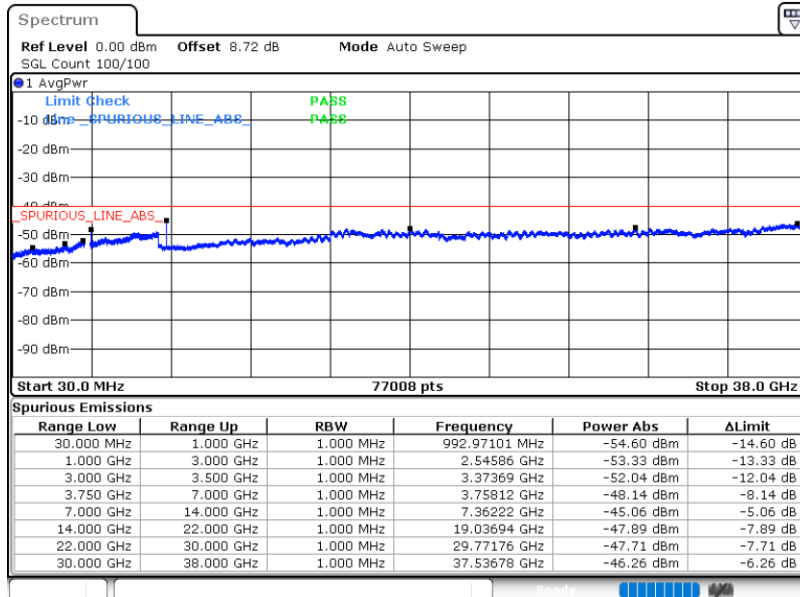


Date: 10.MAY.2024 10:09:49



Date: 10.MAY.2024 10:06:20

Highest Channel



Date: 10.MAY.2024 10:11:21

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	0.0031	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0024	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0023	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.3 V.
2. 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 48 / 20MHz / QPSK / Ant.7								
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	7231	-51.10	-40	-11.10	-62.56	2.84	14.30	H
	10850	-51.65	-40	-11.65	-61.59	3.49	13.43	H
	14469	-59.73	-40	-19.73	-69.97	3.85	14.09	H
	7231	-51.23	-40	-11.23	-62.69	2.84	14.30	V
	10850	-47.43	-40	-7.43	-57.37	3.49	13.43	V
	14469	-58.57	-40	-18.57	-68.81	3.85	14.09	V

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