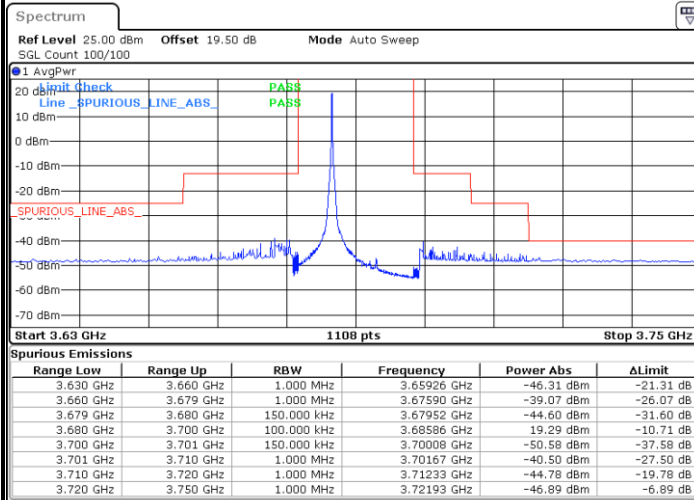




LTE Band 48 / 15MHz

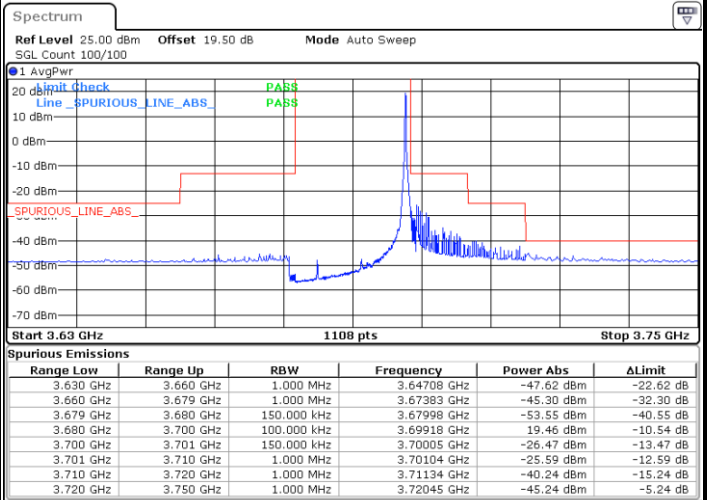
16QAM

Highest Channel / 1RB0



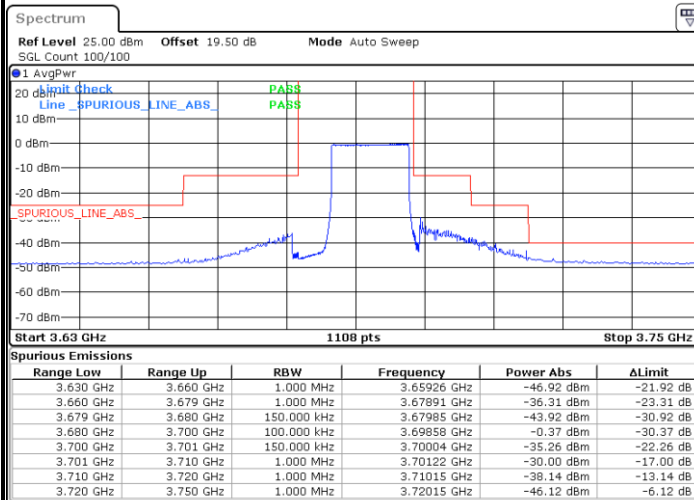
Date: 28.OCT.2024 16:13:29

Highest Channel / 1RBmax



Date: 28.OCT.2024 16:17:07

Highest Channel / FullRB



Date: 28.OCT.2024 16:20:46

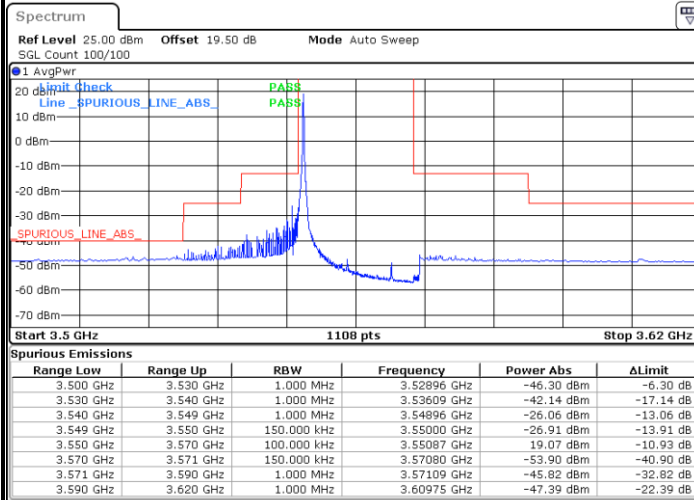
N/A



LTE Band 48 / 15MHz

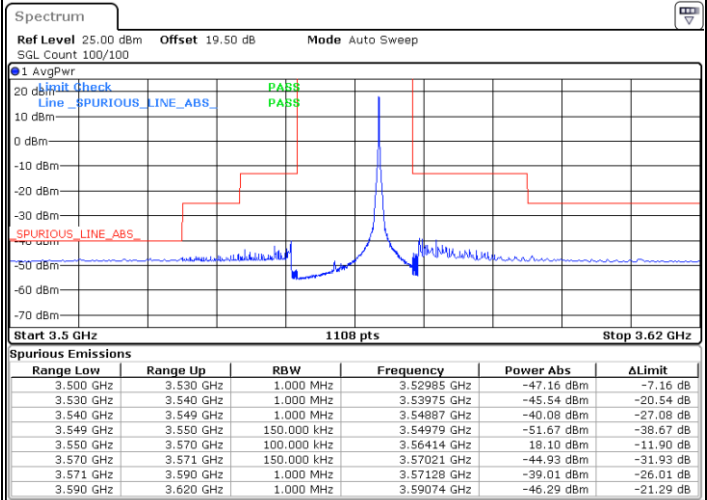
64QAM

Lowest Channel / 1RB0



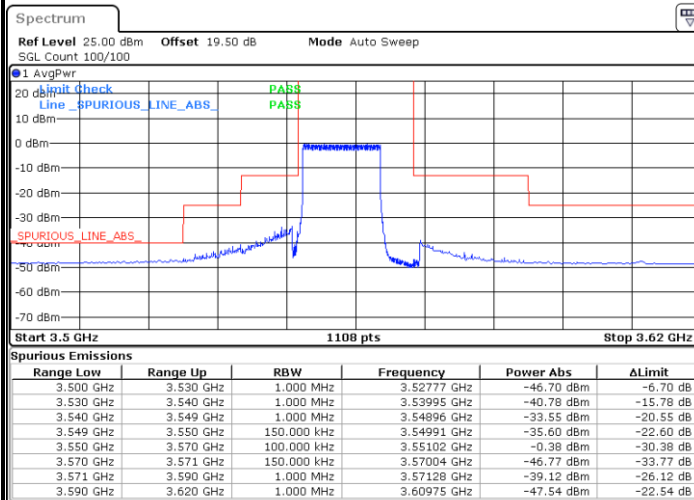
Date: 28.OCT.2024 15:55:36

Lowest Channel / 1RBmax



Date: 28.OCT.2024 16:01:37

Lowest Channel / FullIRB



Date: 28.OCT.2024 16:02:49

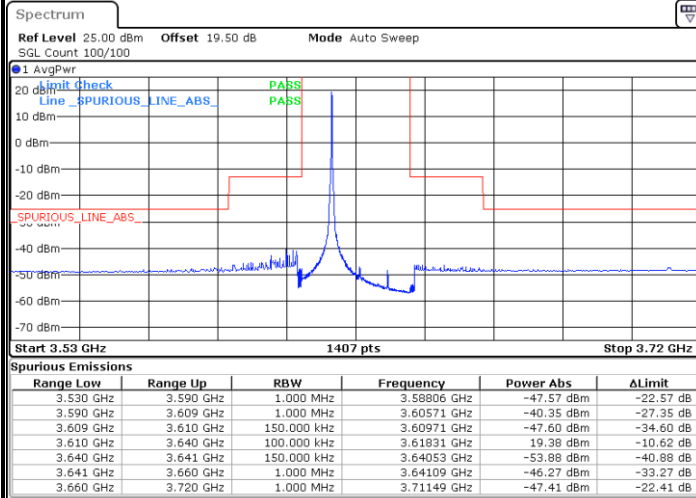
N/A



LTE Band 48 / 15MHz

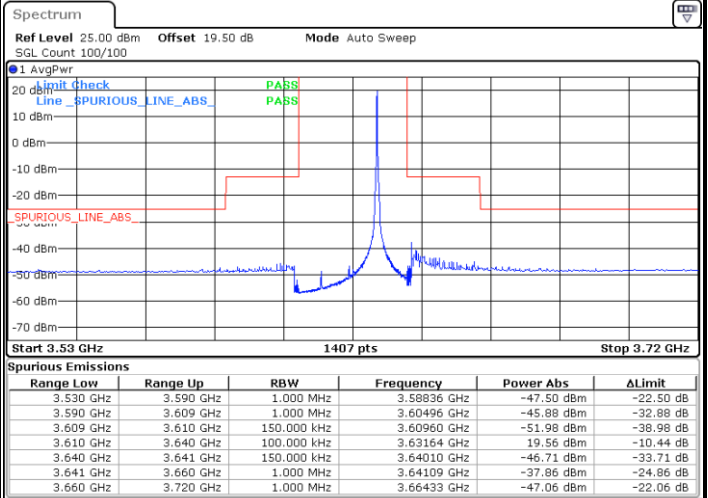
64QAM

Middle Channel / 1RB0



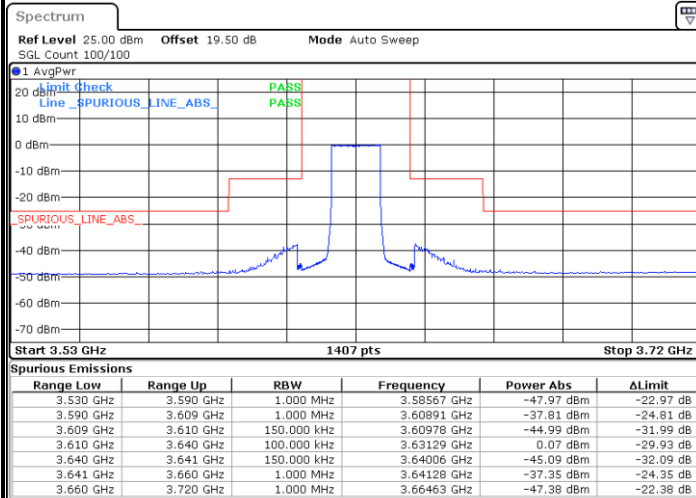
Date: 29.OCT.2024 12:47:42

Middle Channel / 1RBmax



Date: 29.OCT.2024 13:46:39

Middle Channel / FullRB



Date: 29.OCT.2024 13:03:48

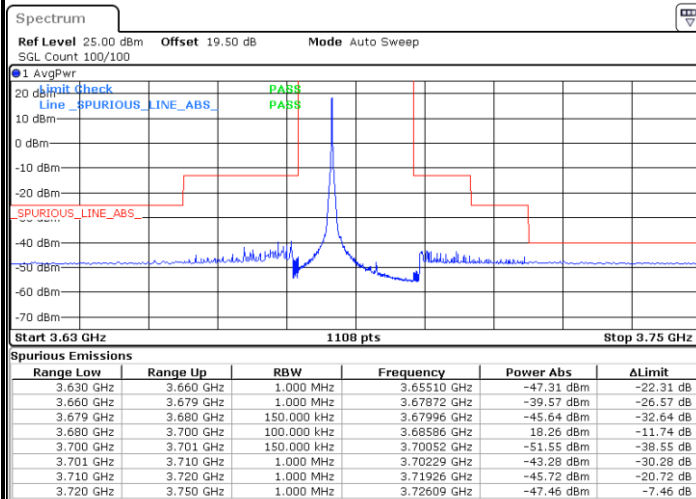
N/A



LTE Band 48 / 15MHz

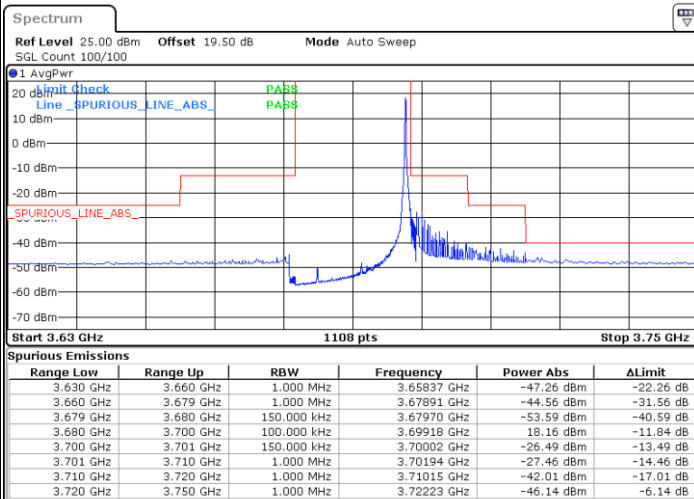
64QAM

Highest Channel / 1RB0



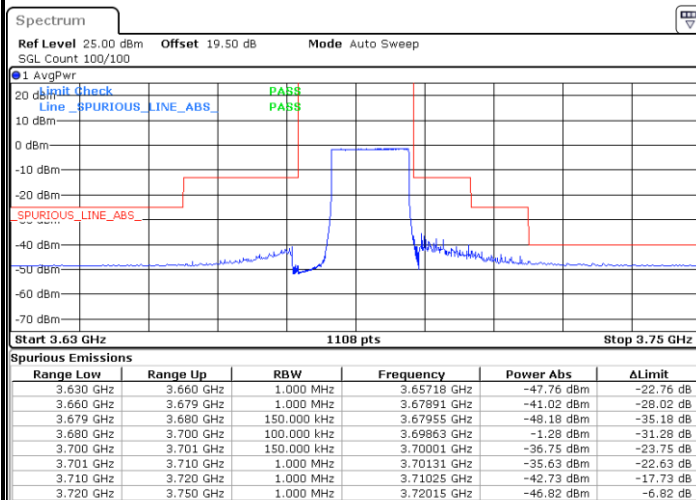
Date: 28.OCT.2024 16:12:16

Highest Channel / 1RBmax



Date: 28.OCT.2024 16:18:20

Highest Channel / FullRB



Date: 28.OCT.2024 16:19:33

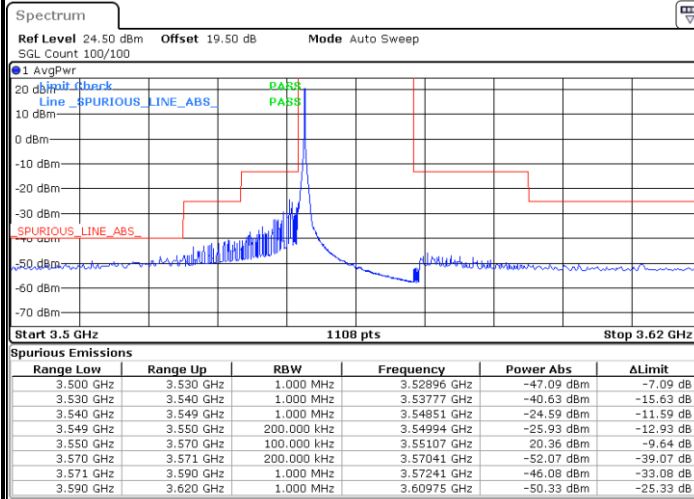
N/A



LTE Band 48 / 20MHz

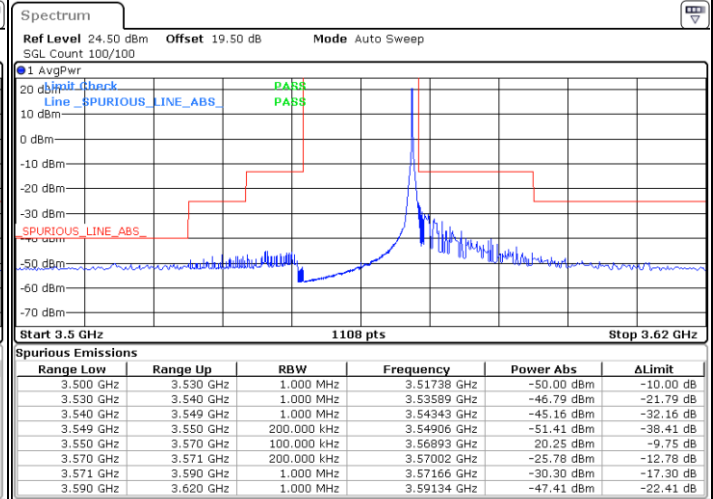
QPSK

Lowest Channel / 1RB0



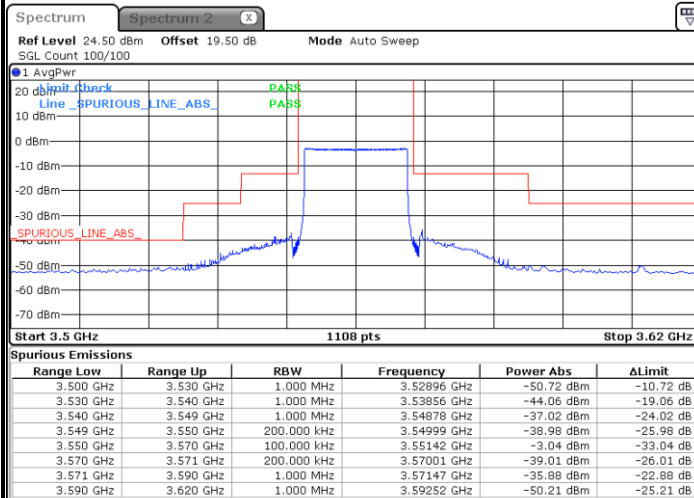
Date: 28.OCT.2024 16:26:09

Lowest Channel / 1RBmax



Date: 28.OCT.2024 16:32:08

Lowest Channel / FullIRB



Date: 5.NOV.2024 09:03:55

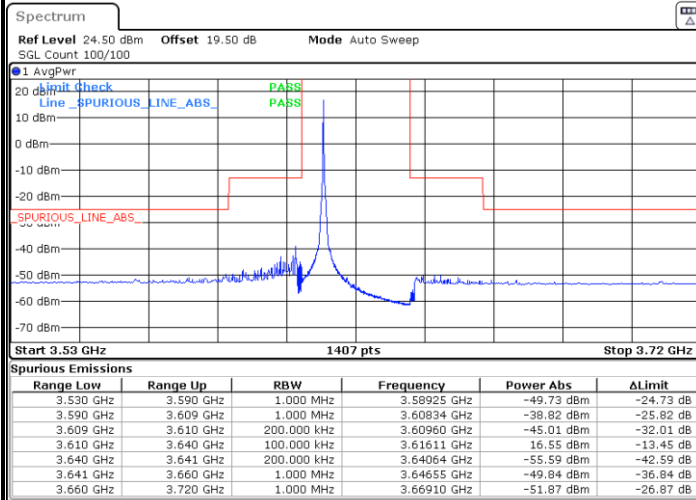
N/A



LTE Band 48 / 20MHz

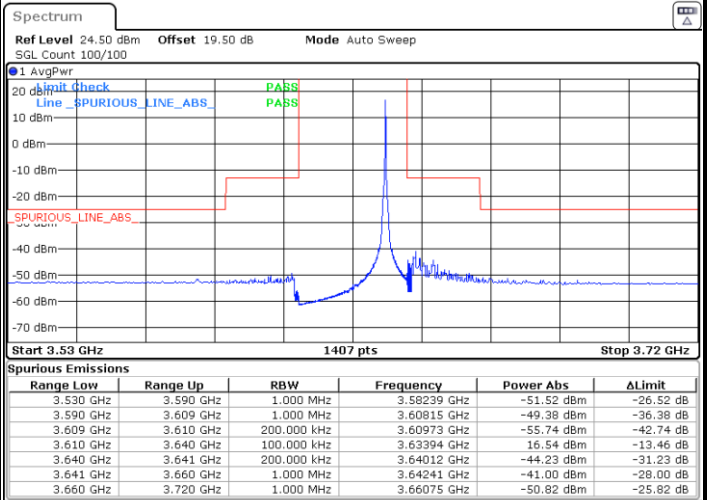
QPSK

Middle Channel / 1RB0



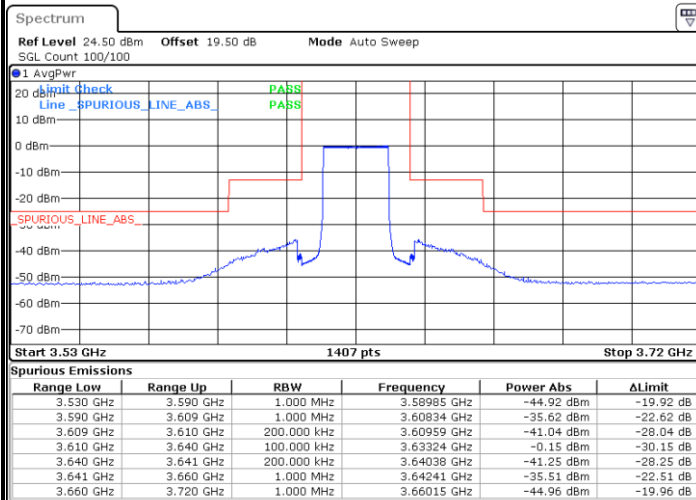
Date: 7.NOV.2024 15:32:05

Middle Channel / 1RBmax



Date: 7.NOV.2024 15:40:49

Middle Channel / FullRB



Date: 29.OCT.2024 13:52:10

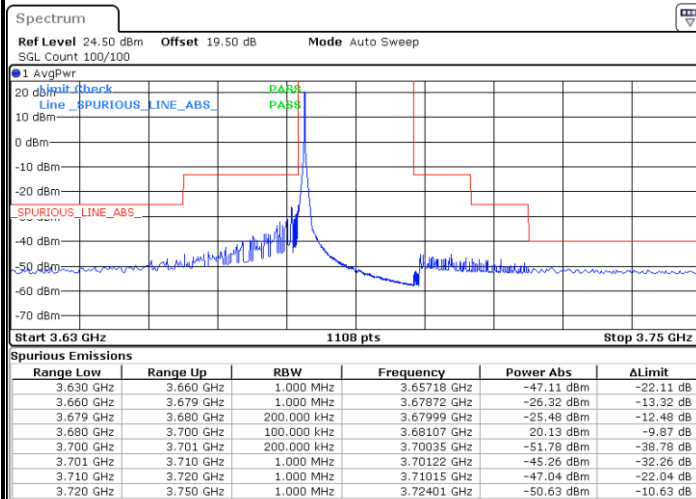
N/A



LTE Band 48 / 20MHz

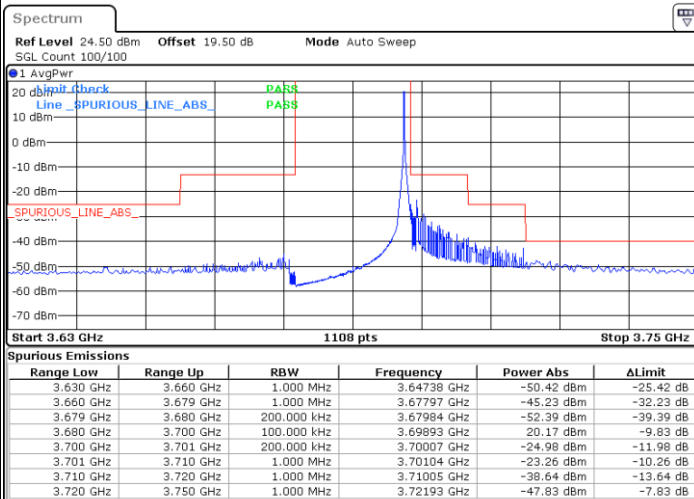
QPSK

Highest Channel / 1RB0



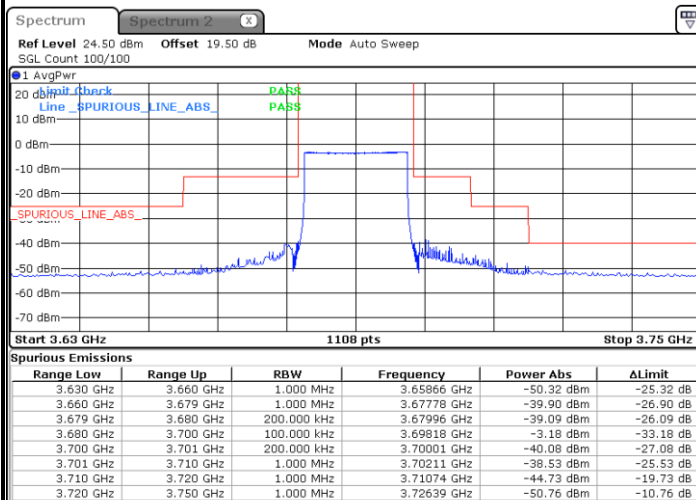
Date: 28.OCT.2024 16:44:06

Highest Channel / 1RBmax



Date: 28.OCT.2024 16:50:06

Highest Channel / FullRB



Date: 5.NOV.2024 09:05:26

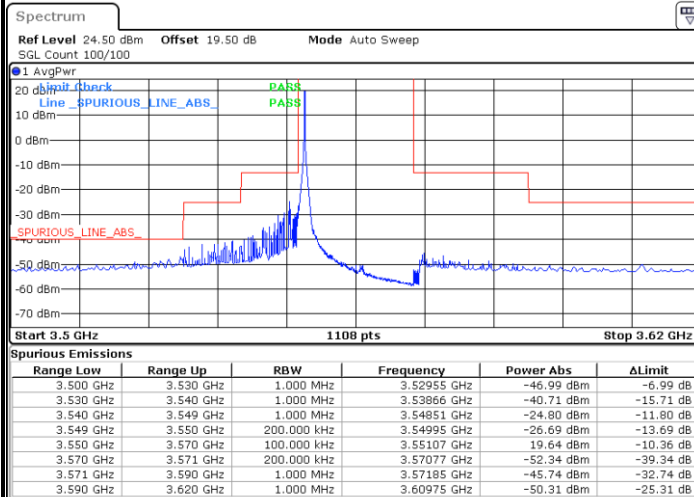
N/A



LTE Band 48 / 20MHz

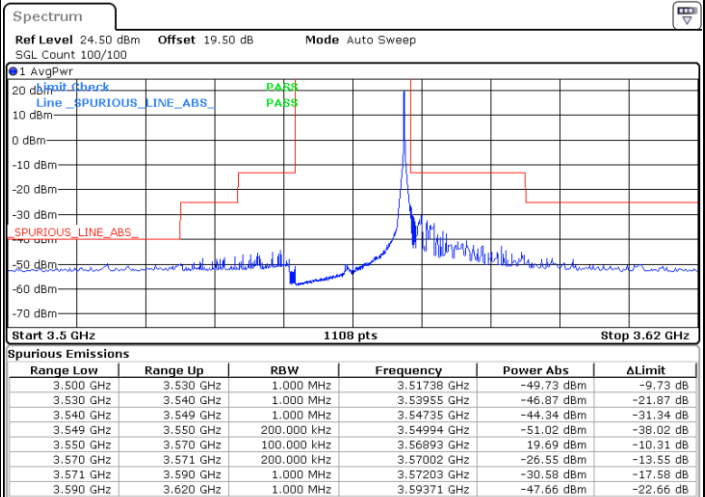
16QAM

Lowest Channel / 1RB0



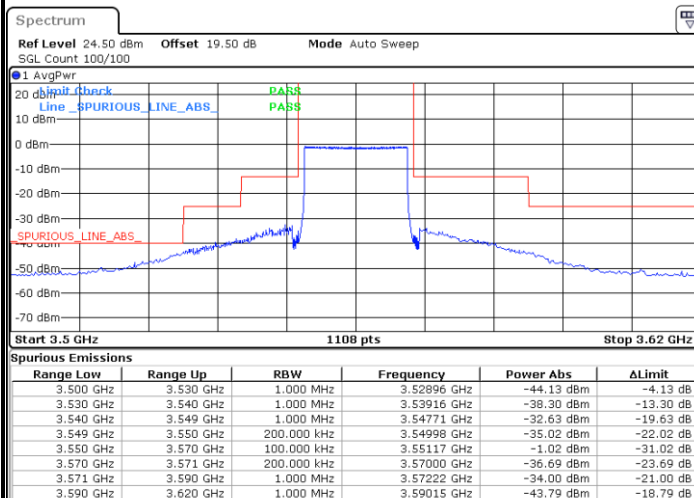
Date: 28.OCT.2024 16:27:21

Lowest Channel / 1RBmax



Date: 28.OCT.2024 16:30:56

Lowest Channel / FullIRB



Date: 28.OCT.2024 17:08:54

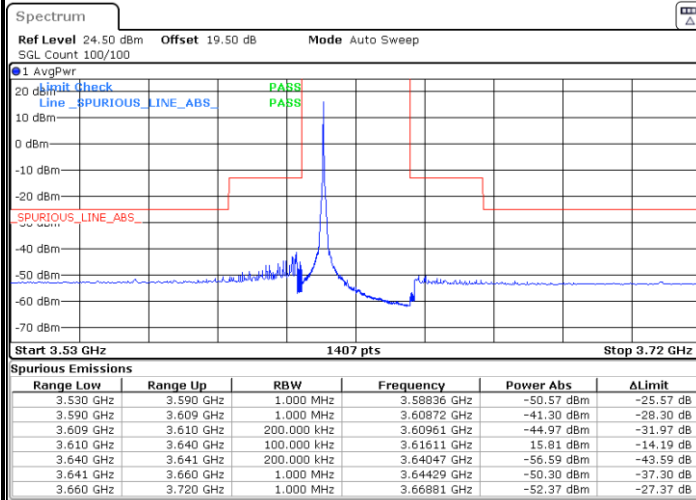
N/A



LTE Band 48 / 20MHz

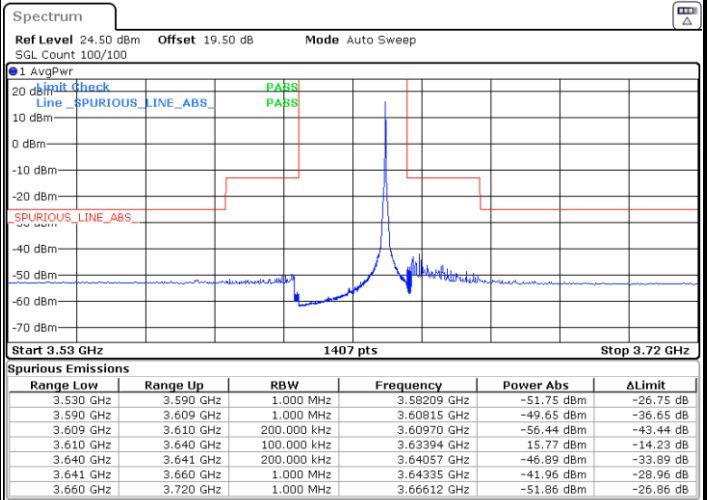
16QAM

Middle Channel / 1RB0



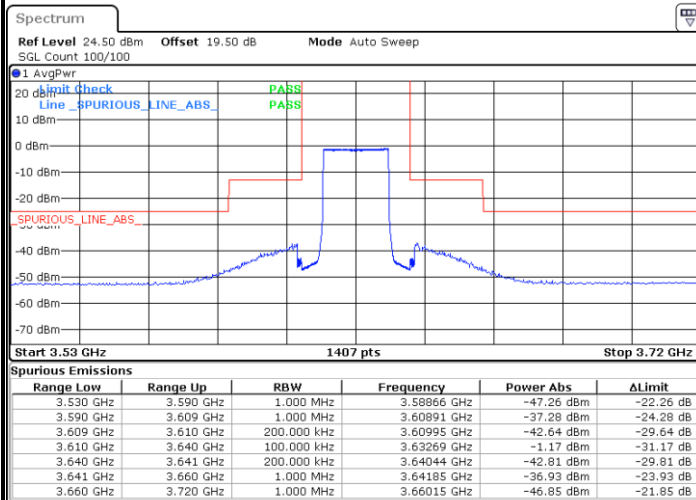
Date: 7.NOV.2024 15:33:51

Middle Channel / 1RBmax



Date: 7.NOV.2024 15:39:09

Middle Channel / FullRB



Date: 29.OCT.2024 13:54:28

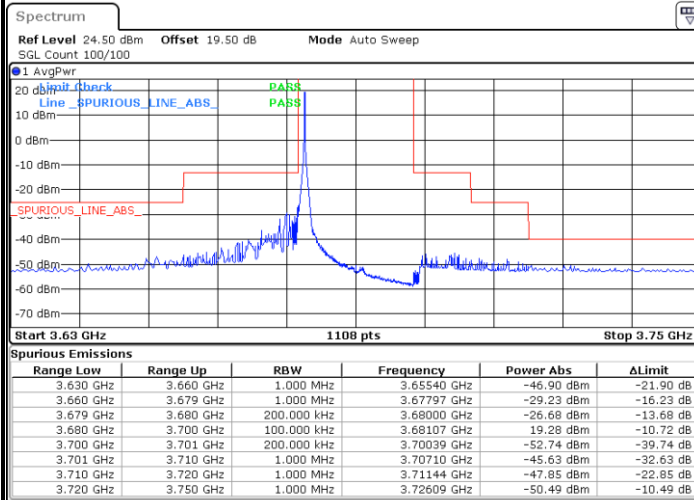
N/A



LTE Band 48 / 20MHz

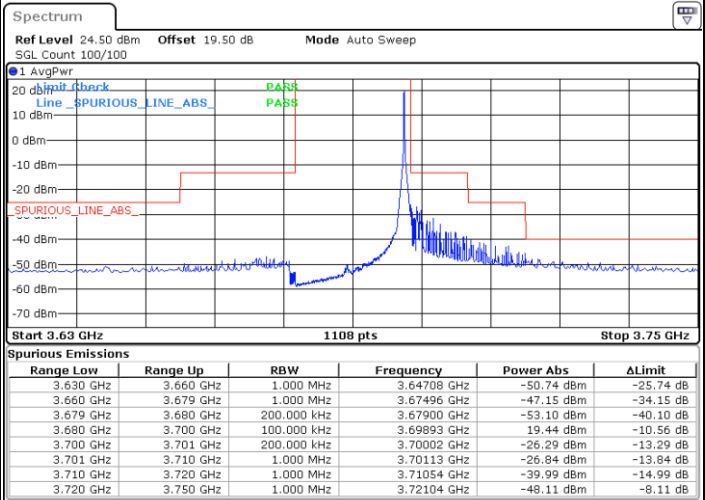
16QAM

Highest Channel / 1RB0



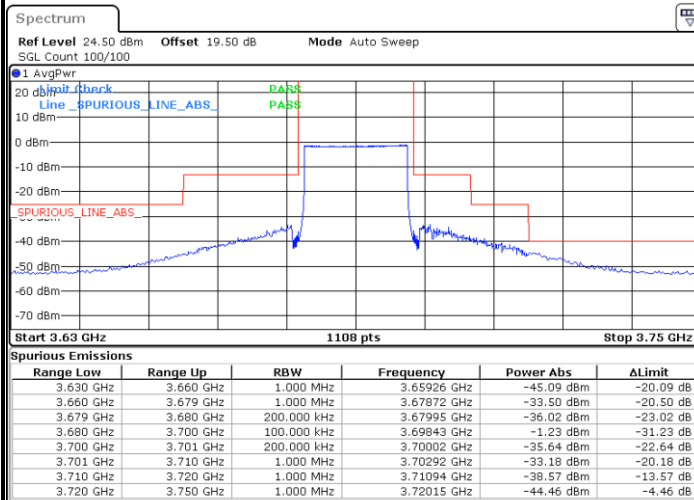
Date: 28.OCT.2024 16:45:18

Highest Channel / 1RBmax



Date: 28.OCT.2024 16:48:54

Highest Channel / FullRB



Date: 28.OCT.2024 16:52:30

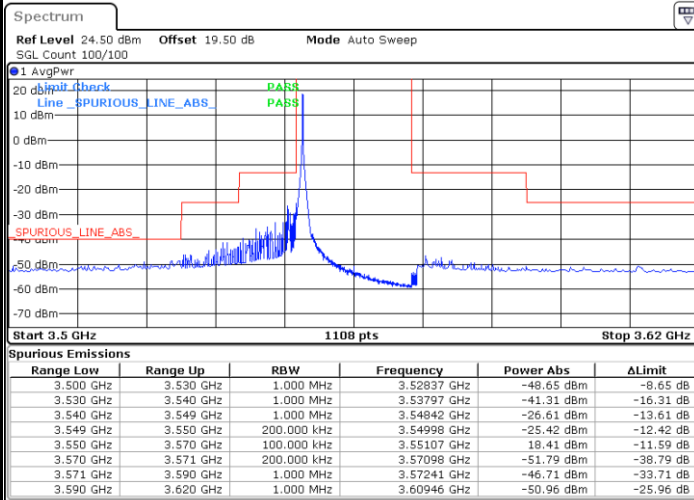
N/A



LTE Band 48 / 20MHz

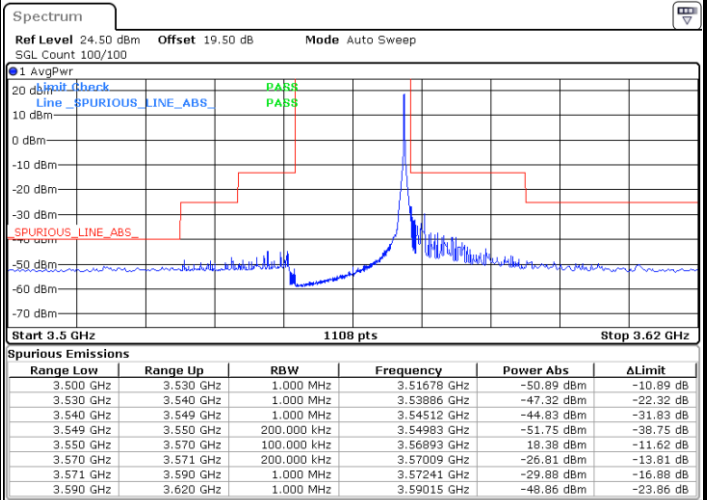
64QAM

Lowest Channel / 1RB0



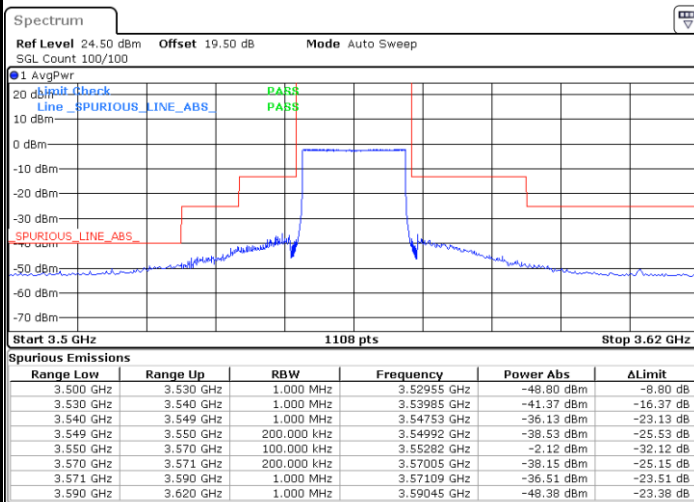
Date: 28.OCT.2024 16:28:33

Lowest Channel / 1RBmax



Date: 28.OCT.2024 16:29:44

Lowest Channel / FullIRB



Date: 28.OCT.2024 16:35:44

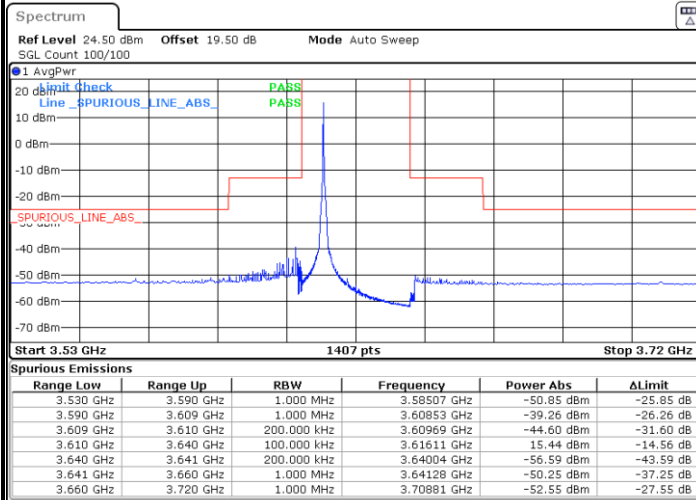
N/A



LTE Band 48 / 20MHz

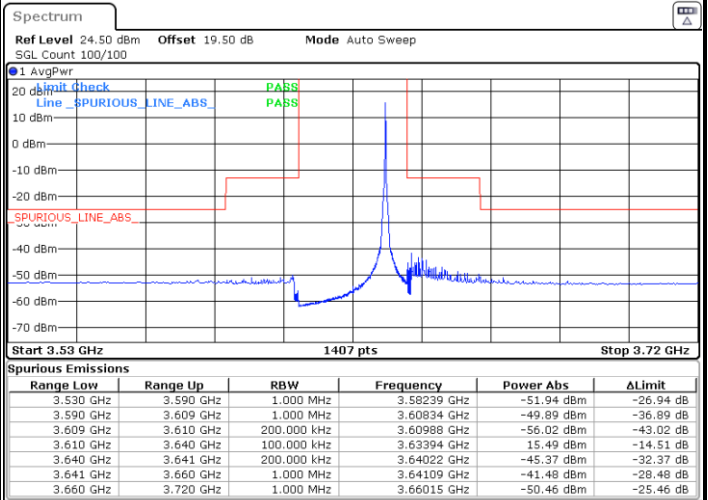
64QAM

Middle Channel / 1RB0



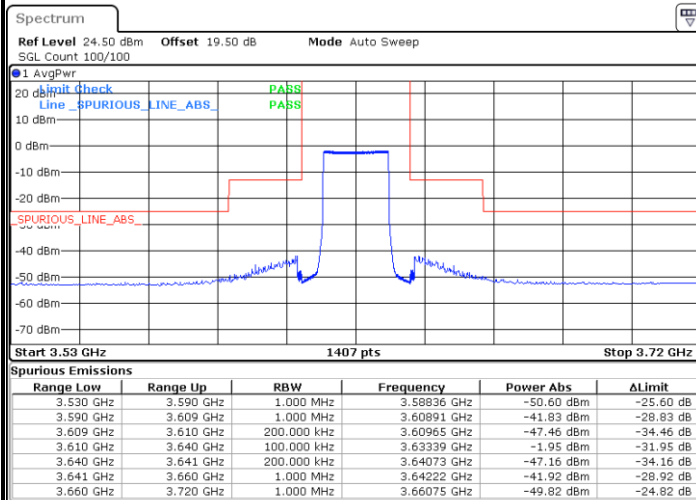
Date: 7.NOV.2024 15:35:38

Middle Channel / 1RBmax



Date: 7.NOV.2024 15:37:22

Middle Channel / FullRB



Date: 29.OCT.2024 13:57:38

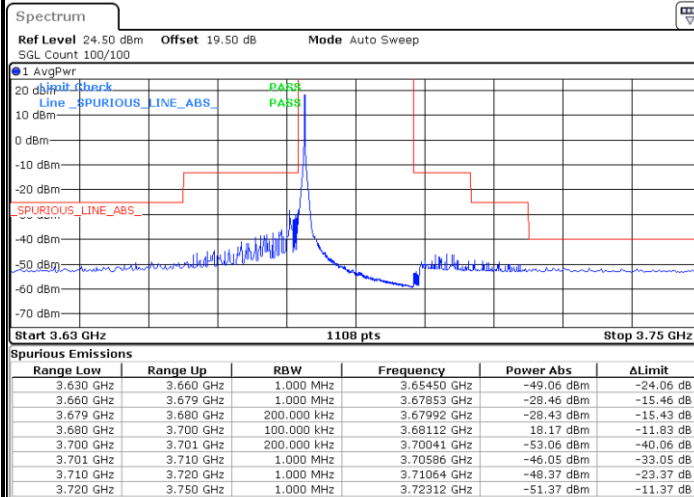
N/A



LTE Band 48 / 20MHz

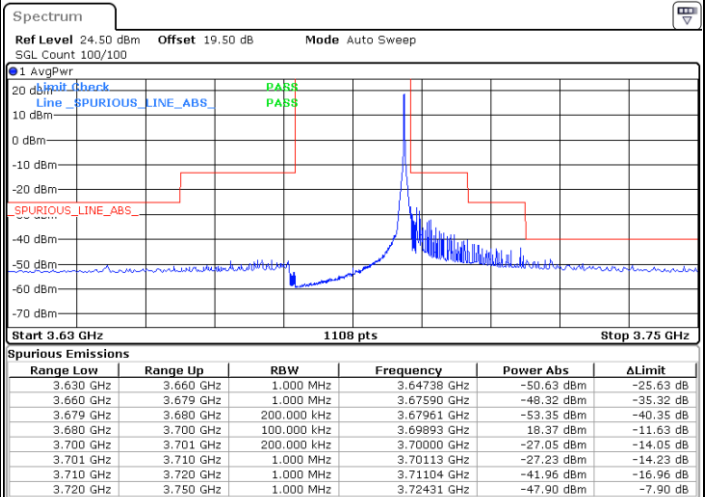
64QAM

Highest Channel / 1RB0



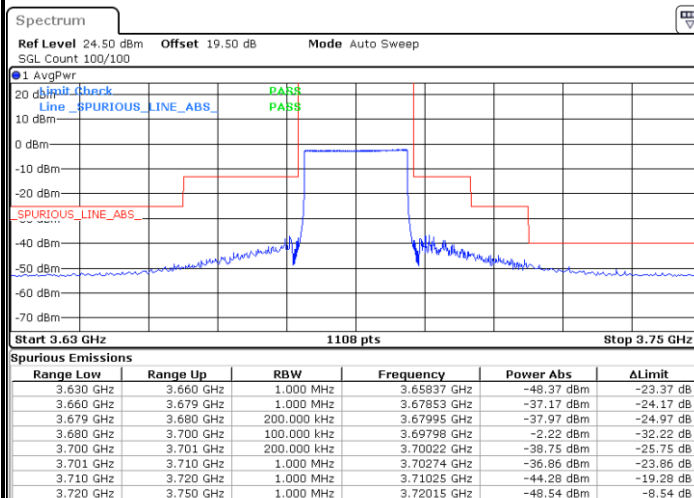
Date: 28.OCT.2024 16:46:30

Highest Channel / 1RBmax



Date: 28.OCT.2024 16:47:42

Highest Channel / FullRB



Date: 28.OCT.2024 16:53:42

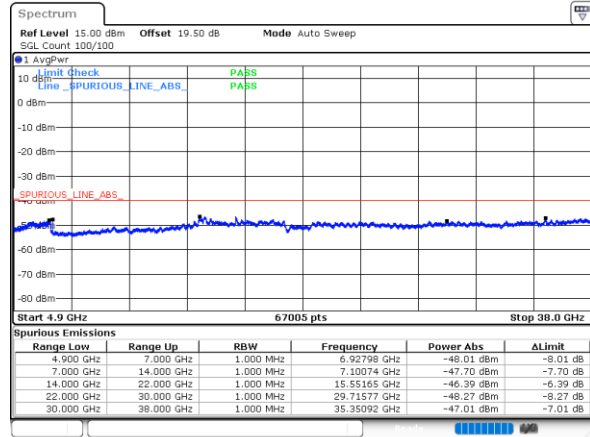
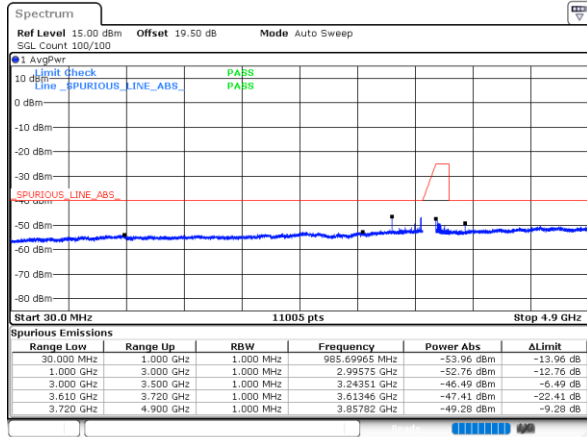
N/A



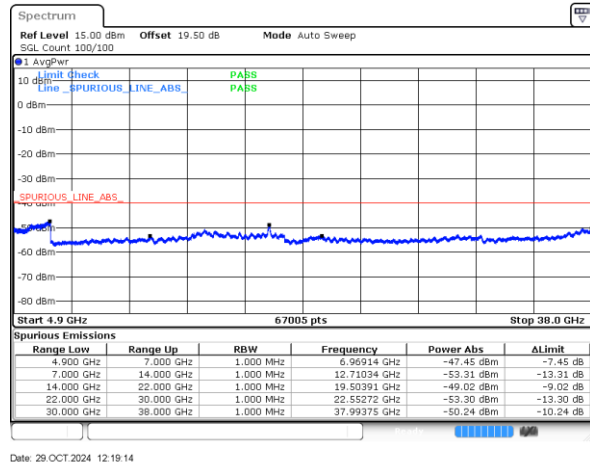
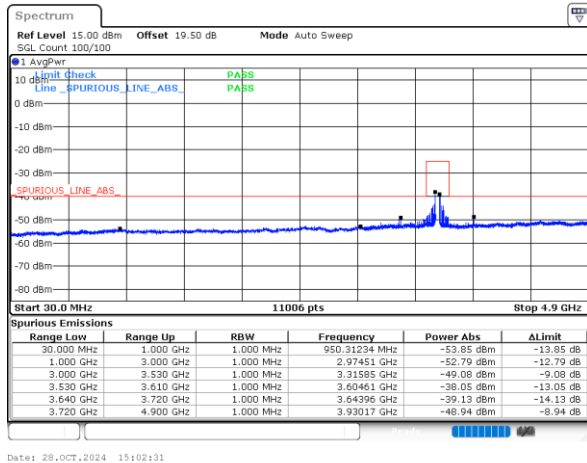
Conducted Spurious Emission

LTE Band 48 / 5MHz

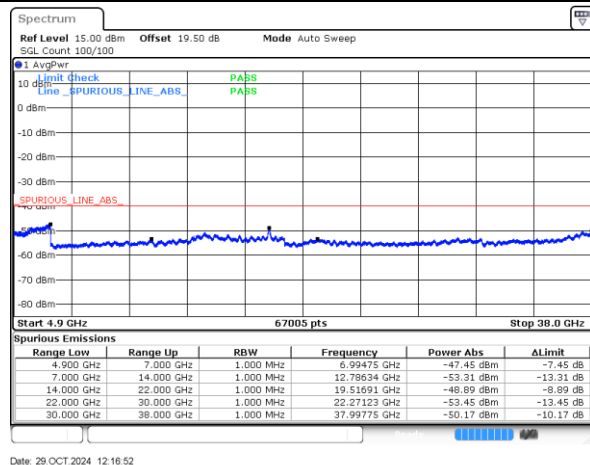
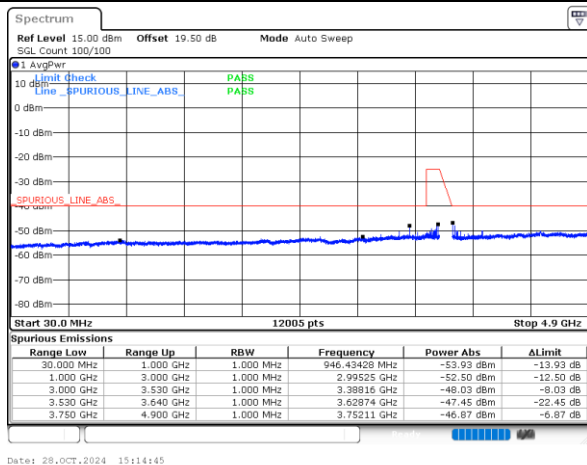
Lowest Channel / QPSK



Middle Channel / QPSK



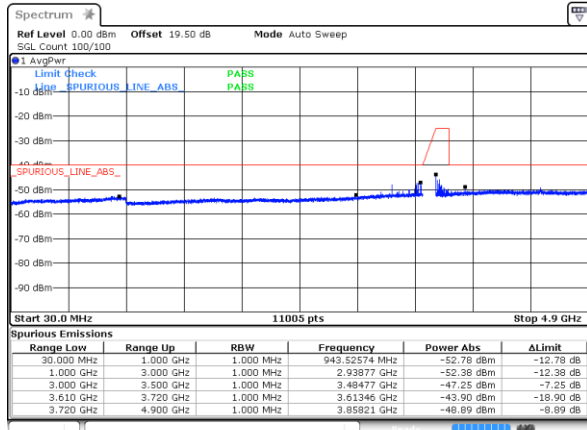
Highest Channel / QPSK



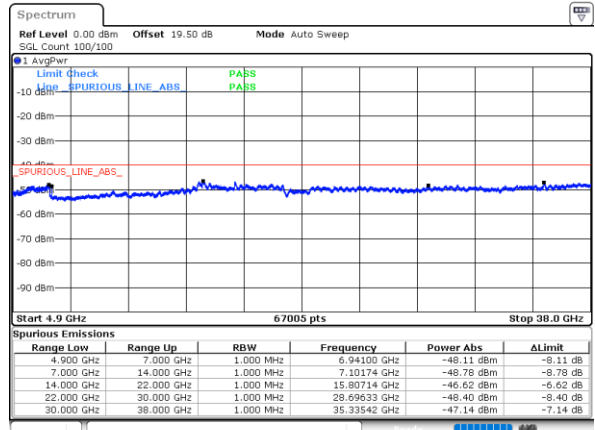


LTE Band 48 / 10MHz

Lowest Channel / QPSK

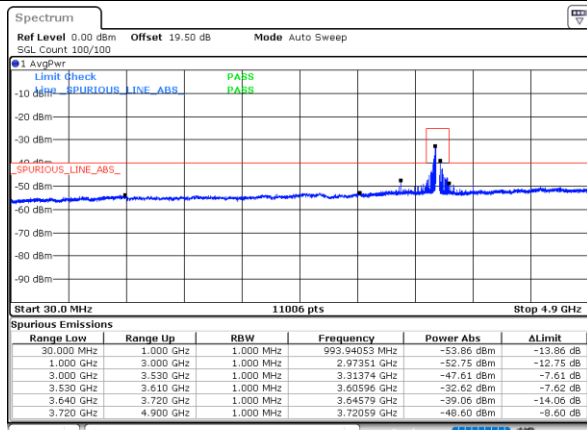


Date: 29 OCT.2024 12:22:55

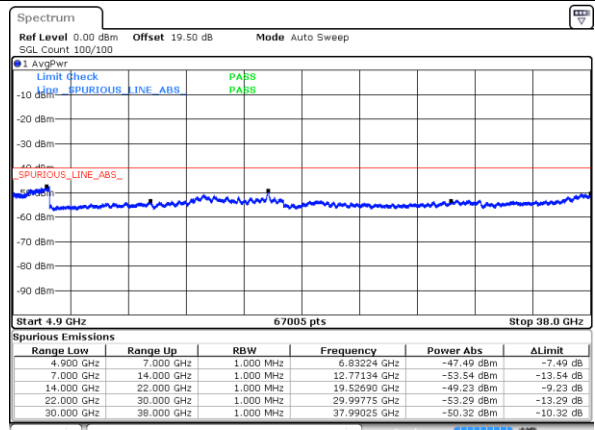


Date: 28.OCT.2024 15:12:129

Middle Channel / QPSK

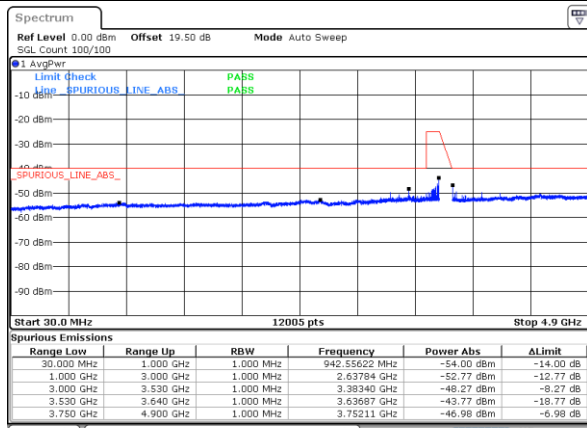


Date: 29.OCT.2024 15:40:40

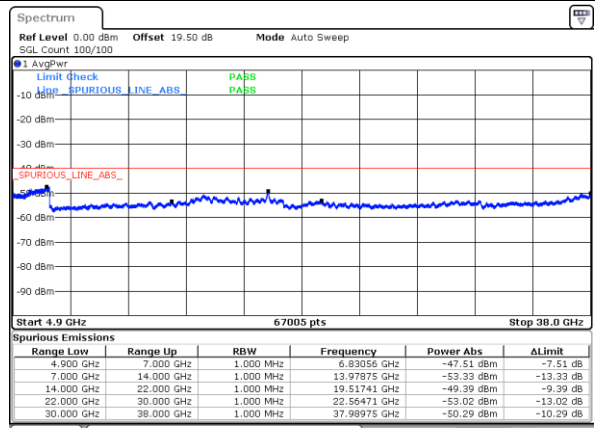


Date: 29.OCT.2024 12:27:28

Highest Channel / QPSK



Date: 29.OCT.2024 15:52:38

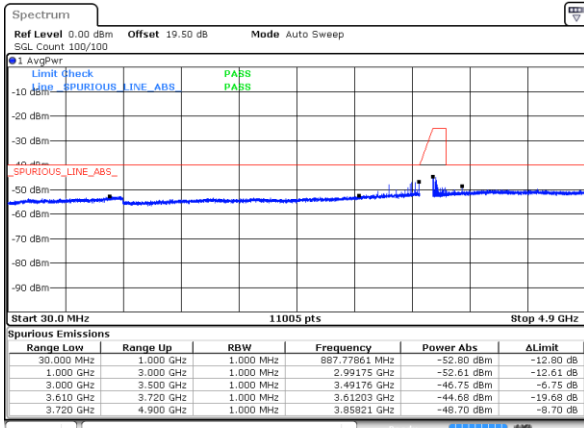


Date: 29 OCT.2024 12:30:36

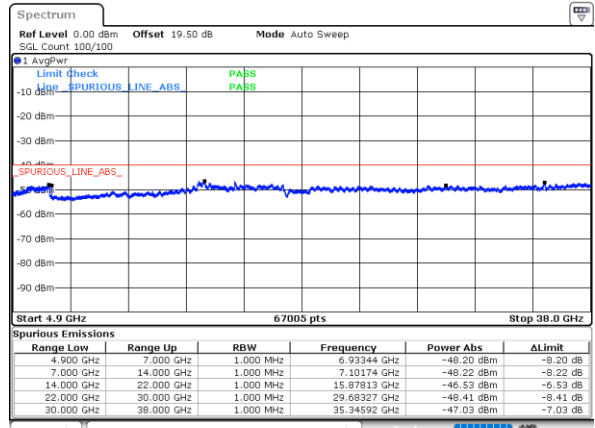


LTE Band 48 / 15MHz

Lowest Channel / QPSK

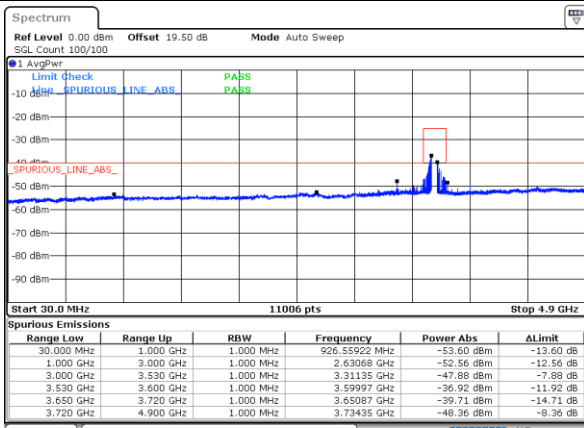


Date: 29 OCT. 2024 12:38:07

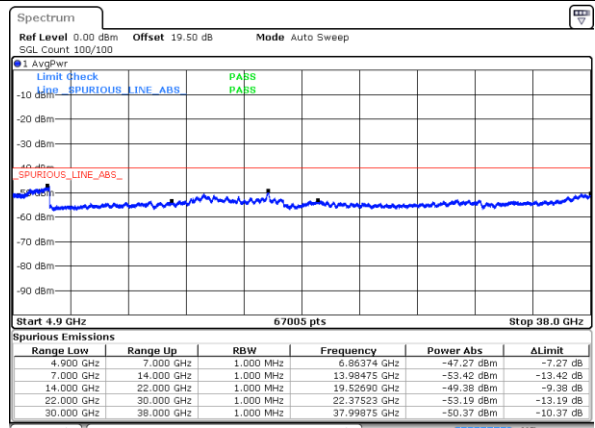


Date: 28 OCT. 2024 16:07:29

Middle Channel / QPSK

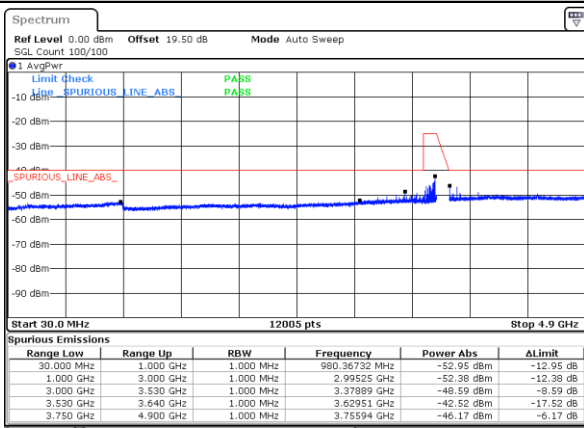


Date: 29 OCT. 2024 16:10:00

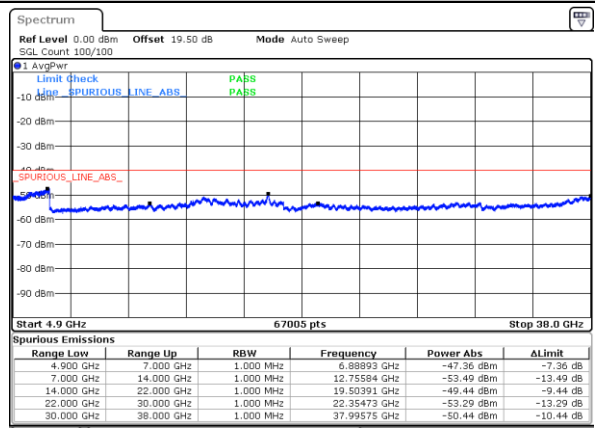


Date: 29 OCT. 2024 12:34:54

Highest Channel / QPSK



Date: 29 OCT. 2024 12:37:18

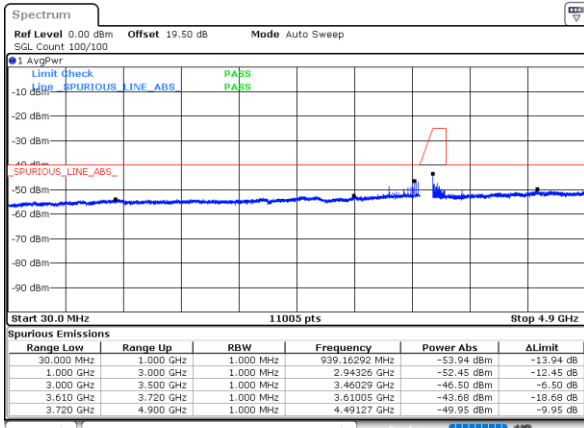


Date: 29 OCT. 2024 12:36:34

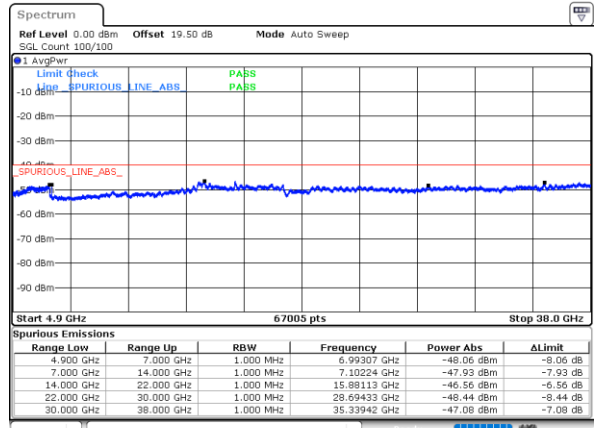


LTE Band 48 / 20MHz

Lowest Channel / QPSK

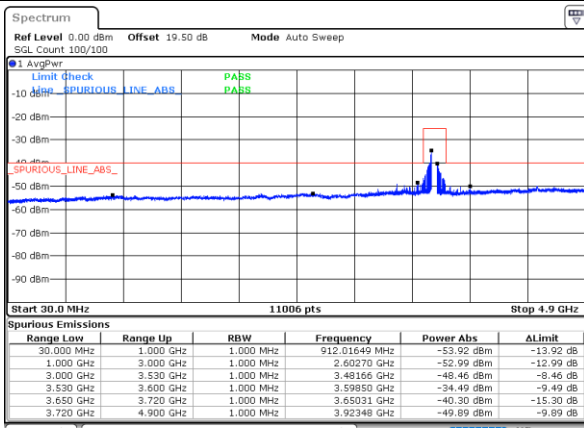


Date: 28.OCT.2024 17:03:13

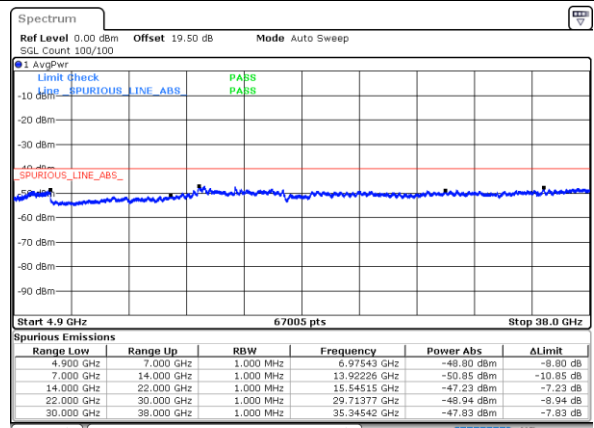


Date: 28.OCT.2024 16:38:00

Middle Channel / QPSK

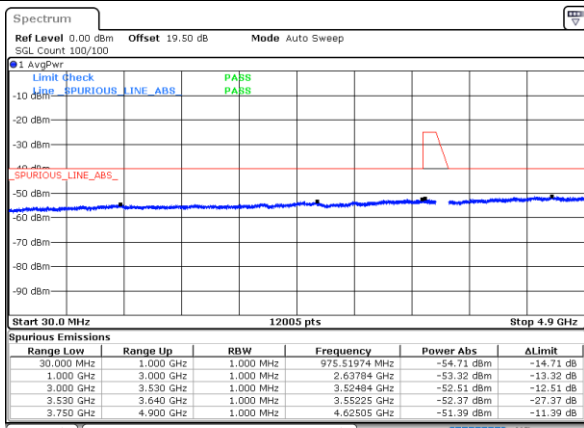


Date: 28.OCT.2024 16:40:31

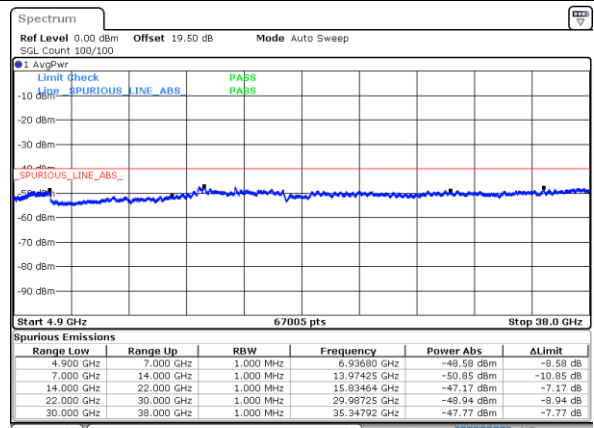


Date: 21.NOV.2024 09:19:47

Highest Channel / QPSK



Date: 21.NOV.2024 09:20:50



Date: 21.NOV.2024 09:22:06

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	0.0012	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.89 V. ; Minimum Voltage = 3.6 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	HuaCong Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

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.4									
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	7232.00	-57.14	-40	-17.14	-65.82	-60.44	8.30	11.60	H
	10848.00	-54.71	-40	-14.71	-68.42	-56.23	10.48	12.00	H
	14464.00	-46.72	-40	-6.72	-62.94	-48.42	11.80	13.50	H
	7232.00	-55.59	-40	-15.59	-66	-58.89	8.30	11.60	V
	10848.00	-52.73	-40	-12.73	-68.06	-54.25	10.48	12.00	V
	14464.00	-48.85	-40	-8.85	-64.66	-50.55	11.80	13.50	V

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