

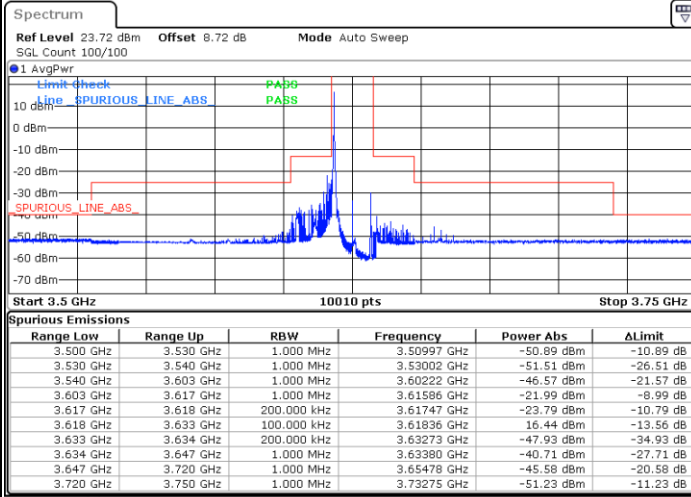


LTE Band 48 / 15MHz

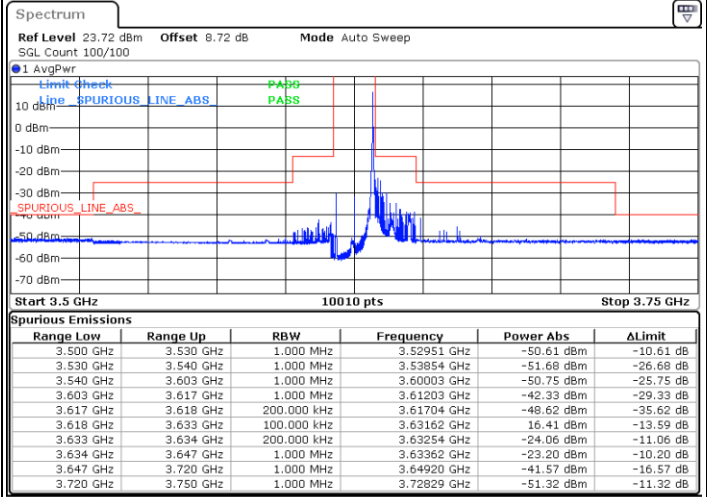
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



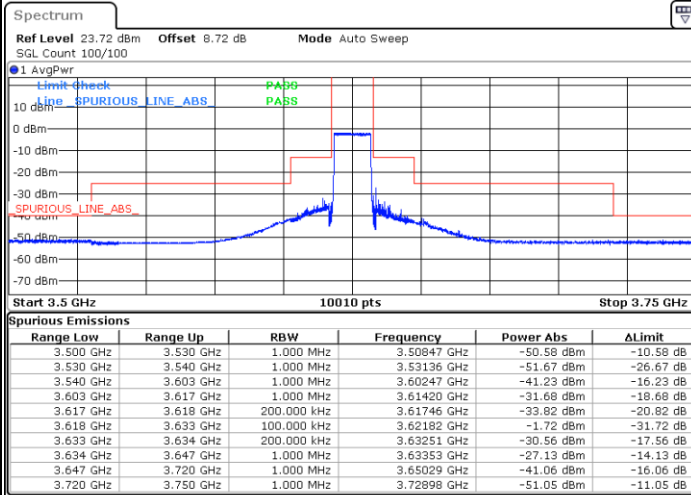
Date: 5.OCT.2024 16:09:03



Date: 5.OCT.2024 16:16:42

Middle Channel / Full

N/A



Date: 5.OCT.2024 16:24:21

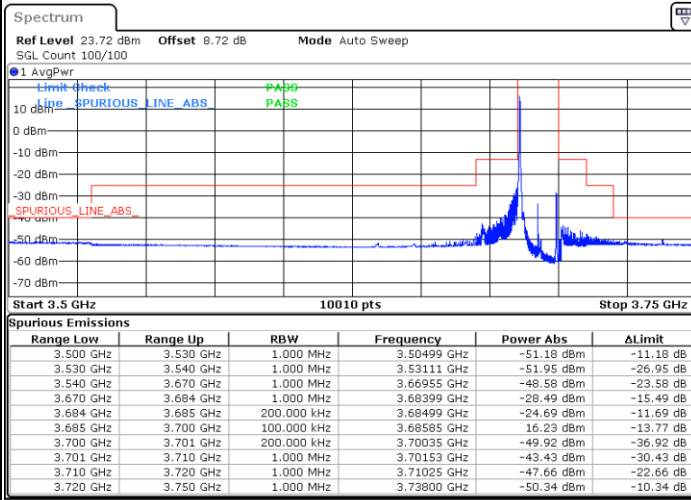


LTE Band 48 / 15MHz

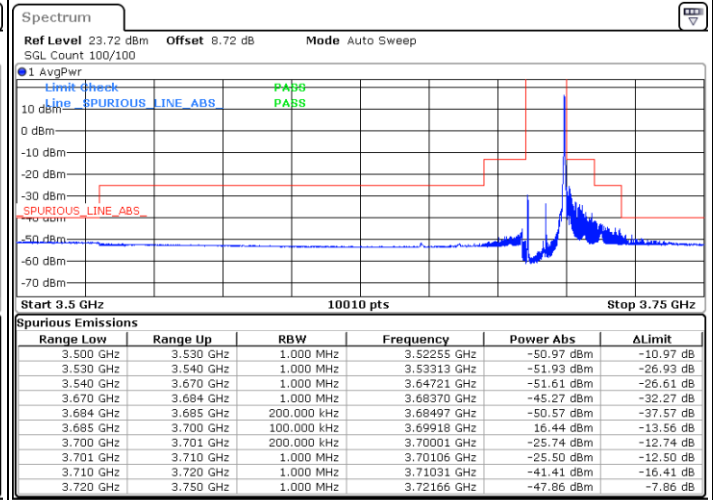
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



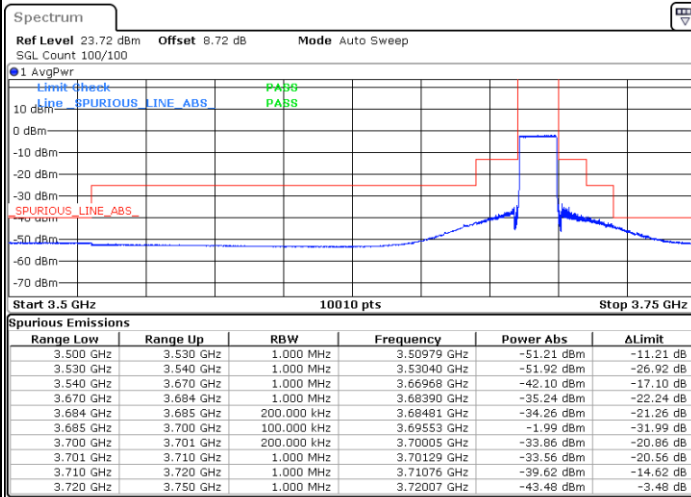
Date: 5.OCT.2024 16:32:04



Date: 5.OCT.2024 16:39:46

Highest Channel / FullIRB

N/A



Date: 5.OCT.2024 16:47:28

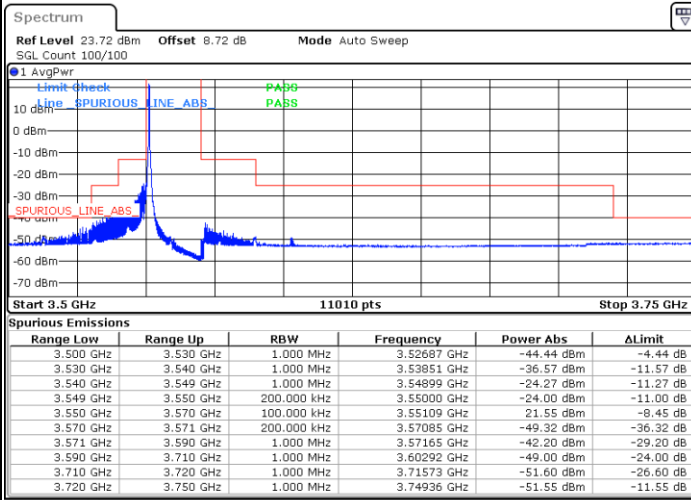


LTE Band 48 / 20MHz

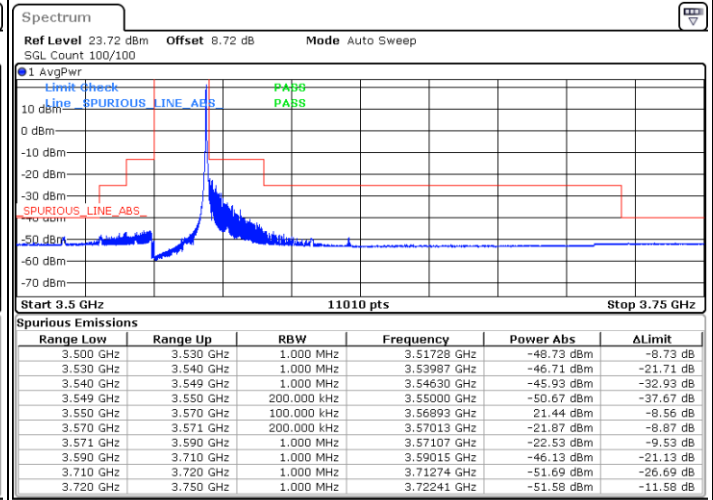
QPSK

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



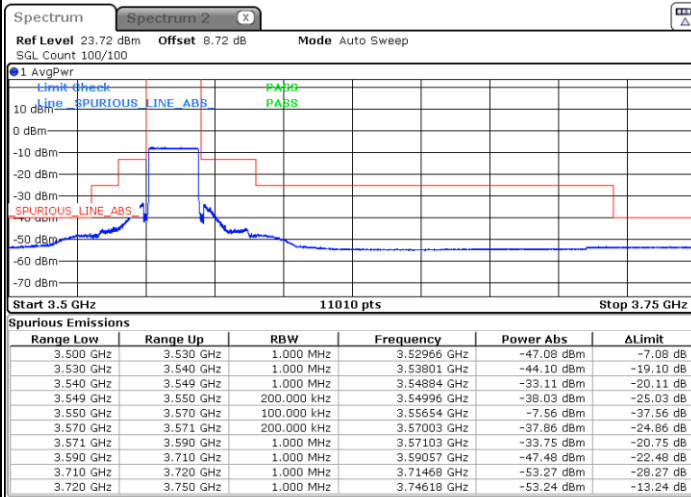
Date: 5.OCT.2024 16:50:07



Date: 5.OCT.2024 16:57:49

Lowest Channel / FullRB

N/A



Date: 9.OCT.2024 07:01:28

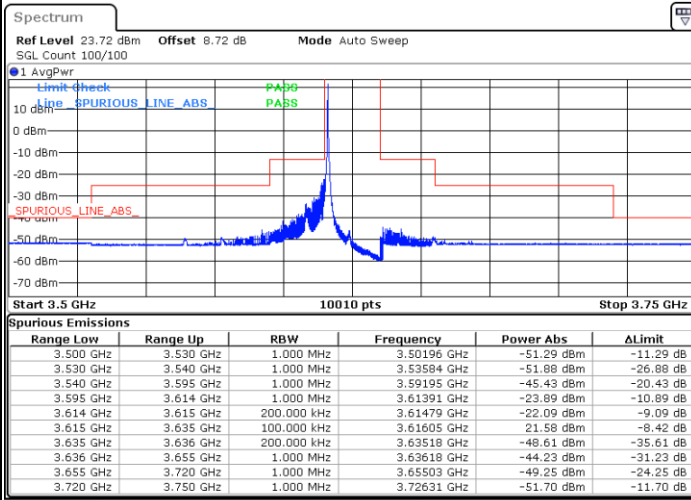


LTE Band 48 / 20MHz

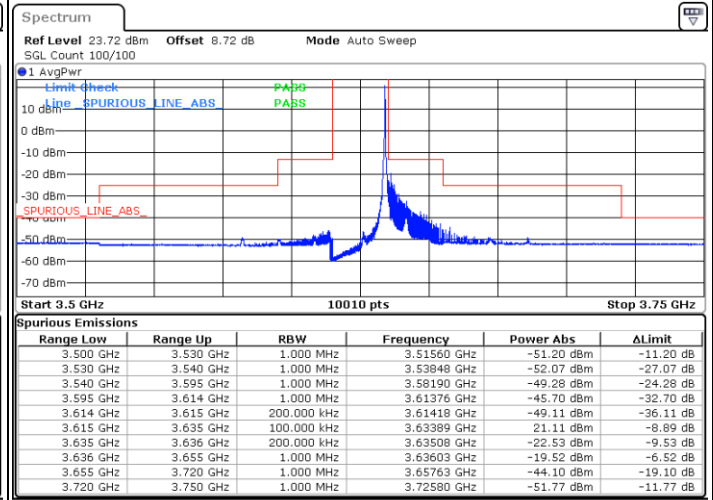
QPSK

Middle Channel / 1RB0

Middle Channel / 1RBmax



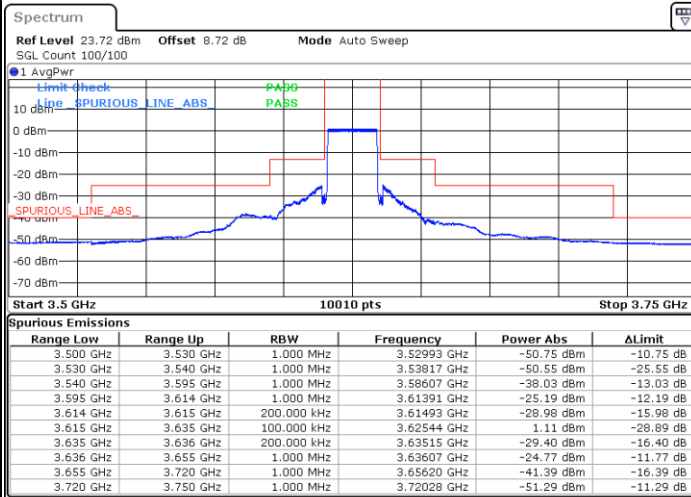
Date: 5.OCT.2024 17:13:13



Date: 5.OCT.2024 17:20:53

Middle Channel / Full

N/A



Date: 5.OCT.2024 17:28:32

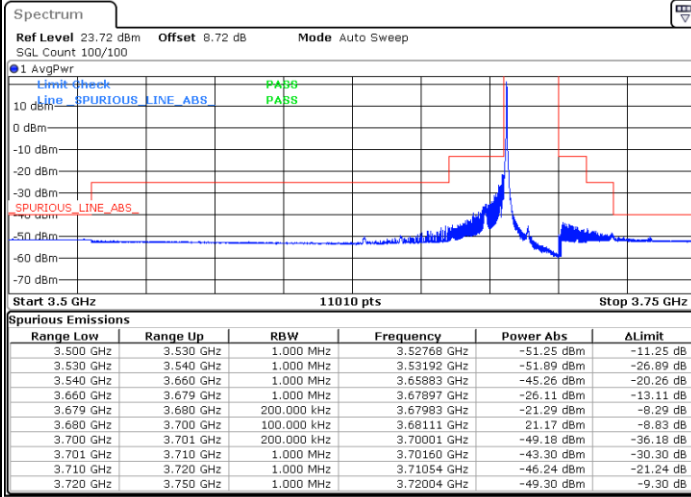


LTE Band 48 / 20MHz

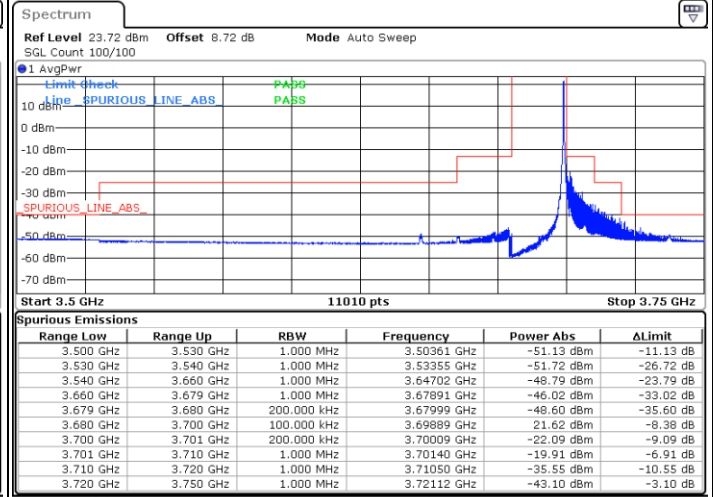
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



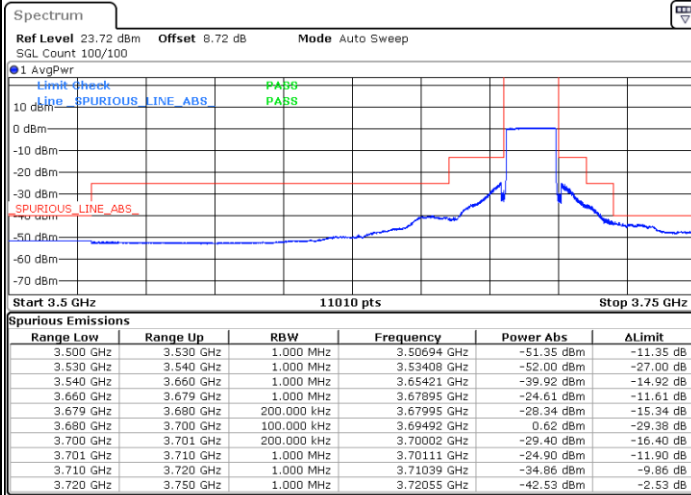
Date: 5.OCT.2024 17:36:12



Date: 5.OCT.2024 17:43:55

Highest Channel / FullIRB

N/A



Date: 5.OCT.2024 17:51:37

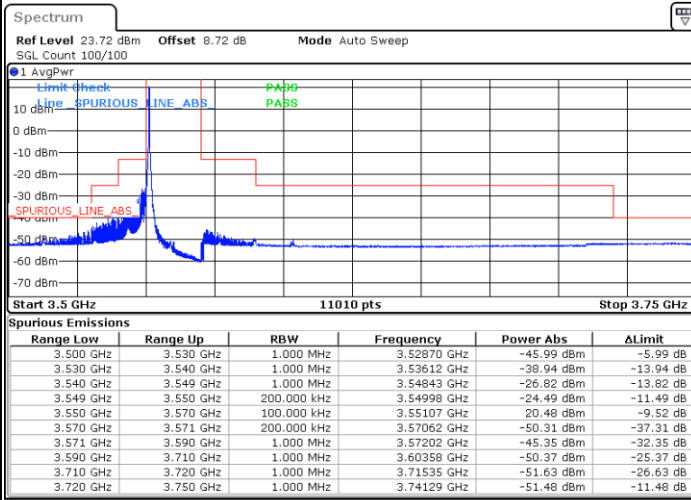


LTE Band 48 / 20MHz

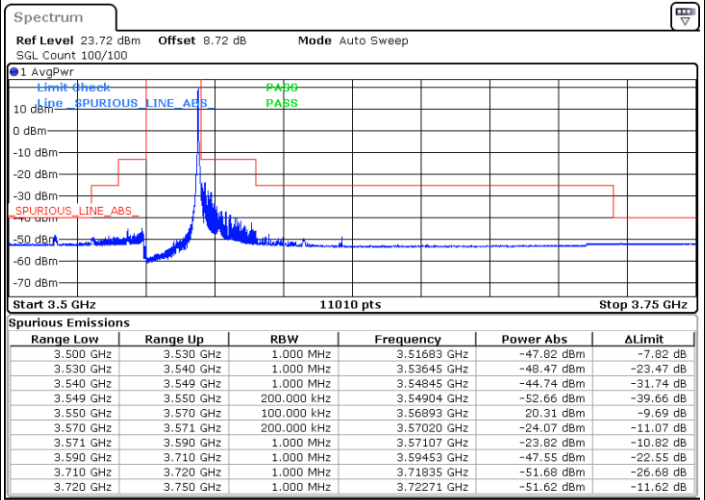
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



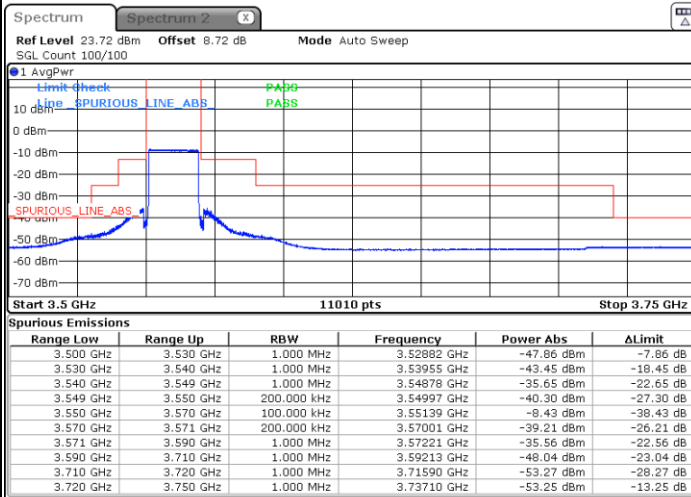
Date: 5.OCT.2024 16:52:02



Date: 5.OCT.2024 16:59:45

Lowest Channel / FullRB

N/A



Date: 9.OCT.2024 07:03:08

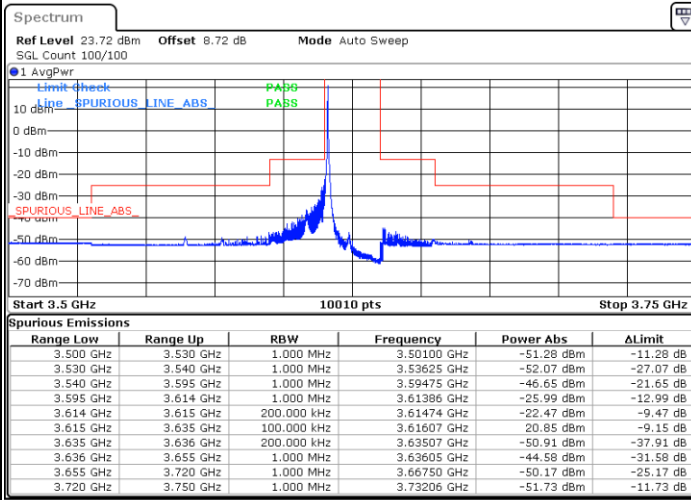


LTE Band 48 / 20MHz

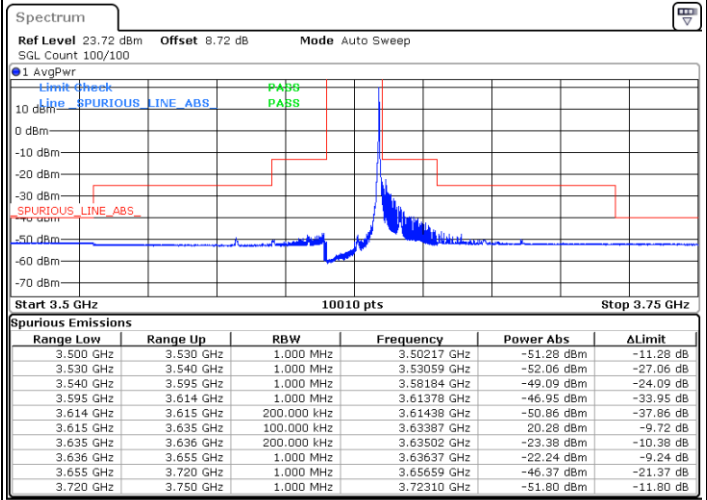
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



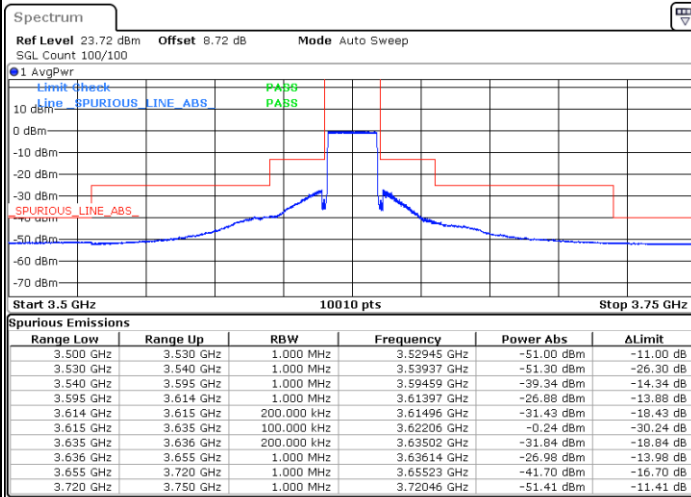
Date: 5.OCT.2024 17:15:08



Date: 5.OCT.2024 17:22:48

Middle Channel / Full

N/A



Date: 5.OCT.2024 17:30:27

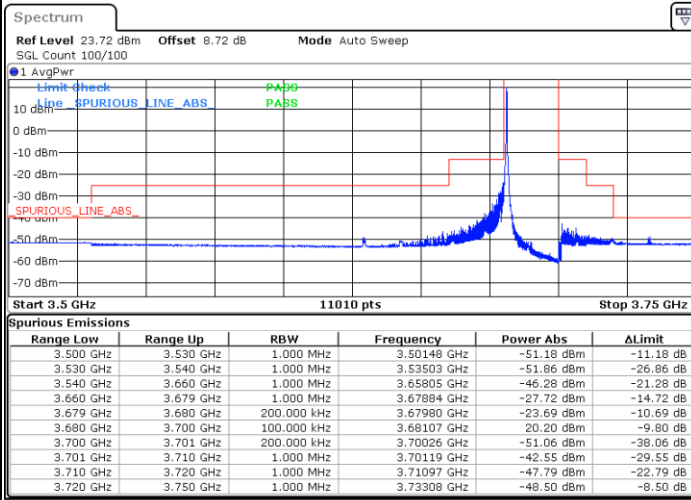


LTE Band 48 / 20MHz

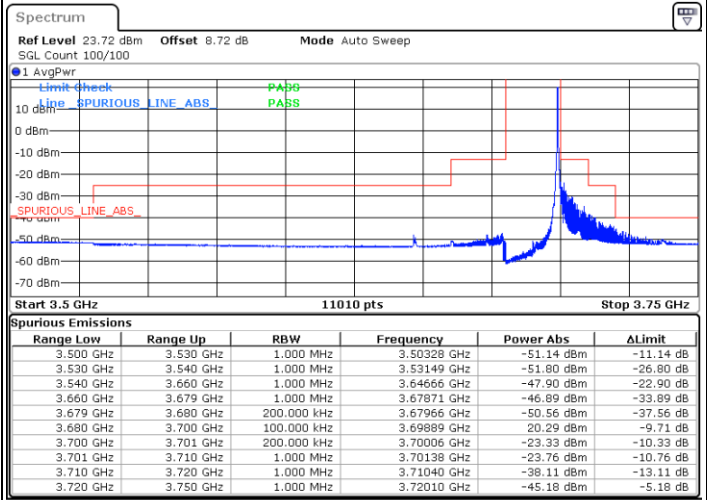
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



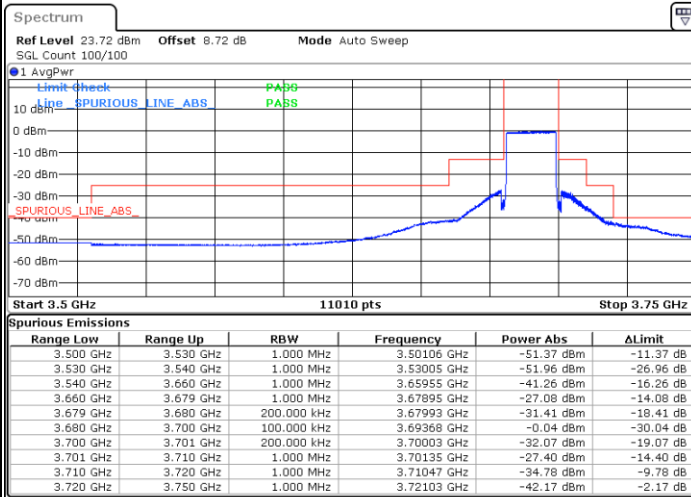
Date: 5.OCT.2024 17:38:08



Date: 5.OCT.2024 17:45:50

Highest Channel / FullIRB

N/A



Date: 5.OCT.2024 17:53:33

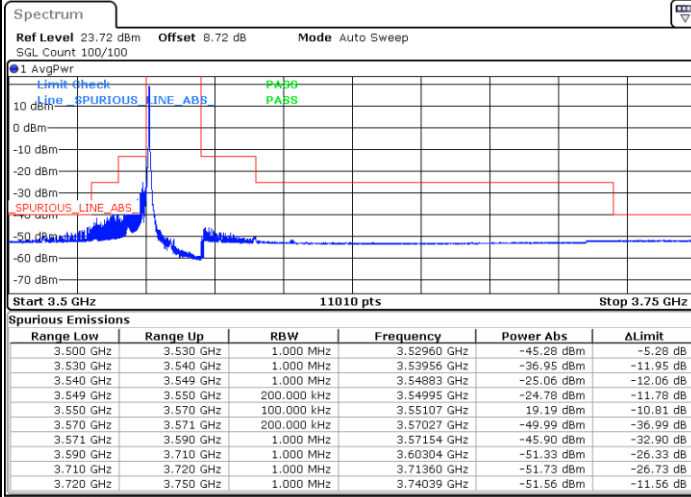


LTE Band 48 / 20MHz

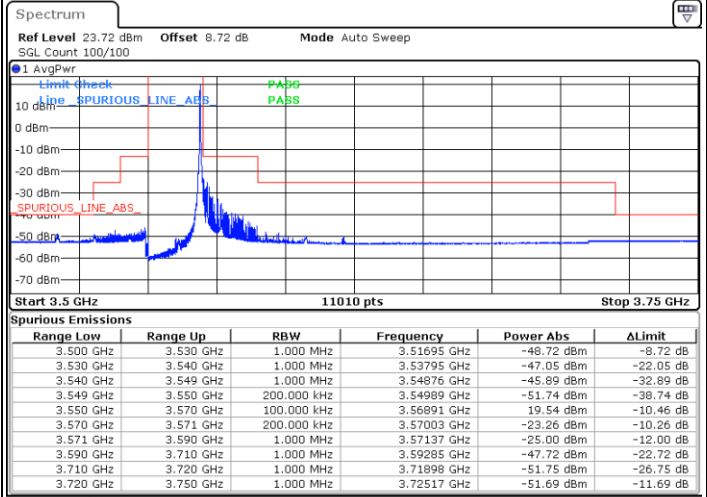
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



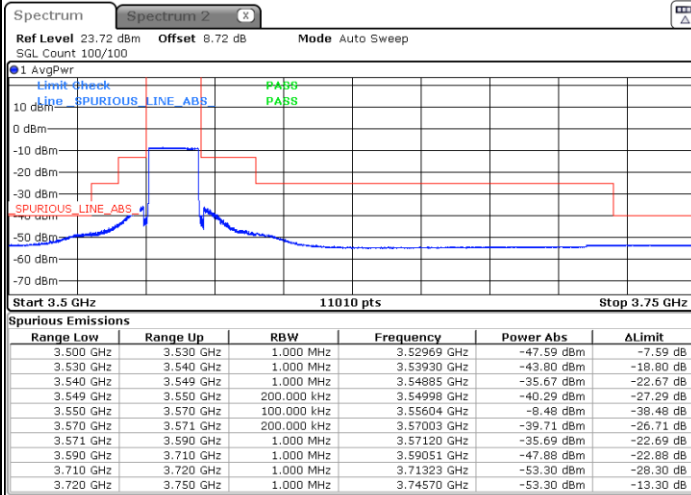
Date: 5.OCT.2024 16:53:58



Date: 5.OCT.2024 17:01:40

Lowest Channel / FullRB

N/A



Date: 9.OCT.2024 07:04:50

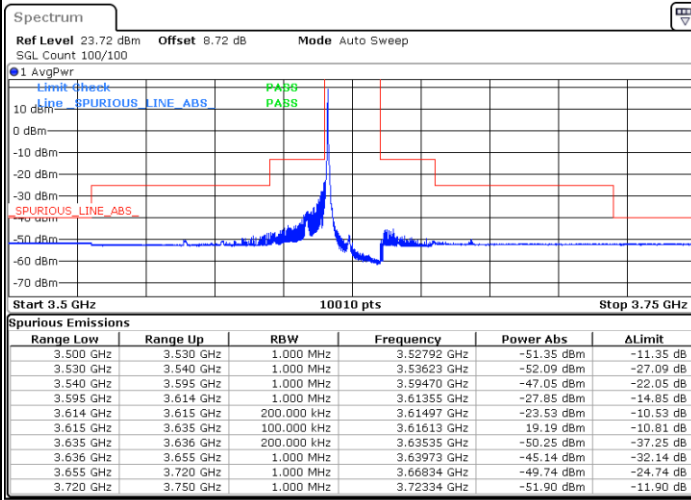


LTE Band 48 / 20MHz

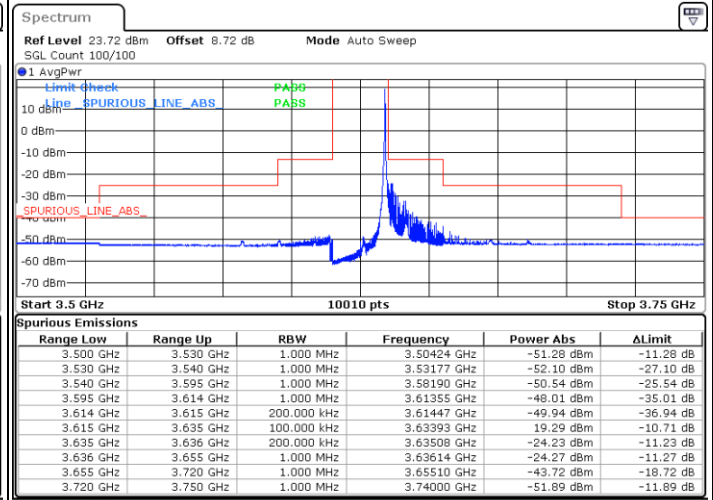
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



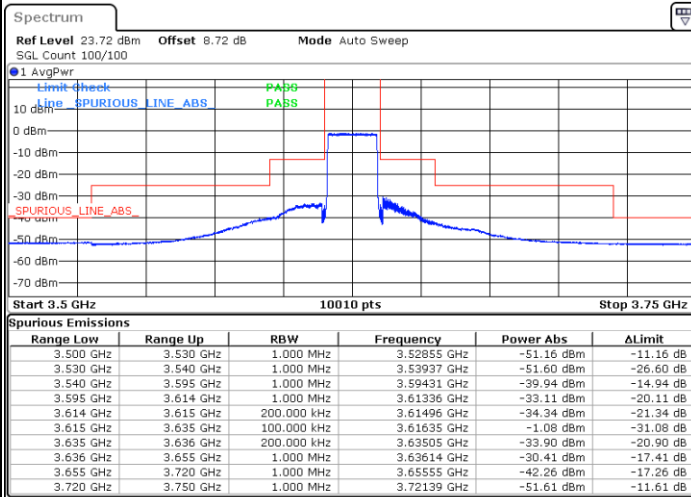
Date: 5.OCT.2024 17:17:03



Date: 5.OCT.2024 17:24:43

Middle Channel / Full

N/A



Date: 5.OCT.2024 17:32:22

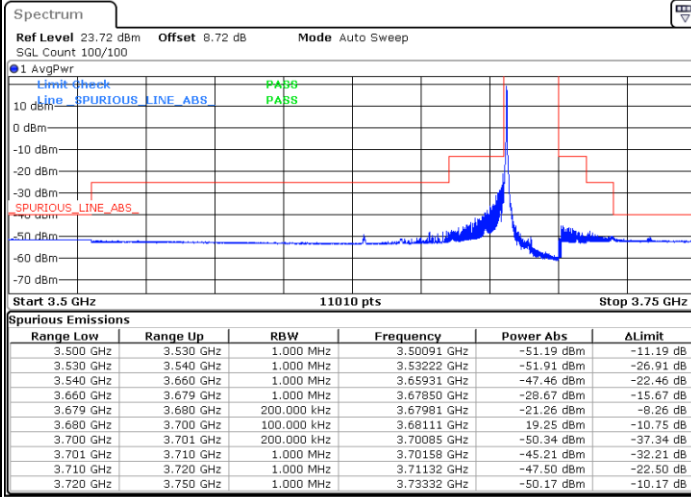


LTE Band 48 / 20MHz

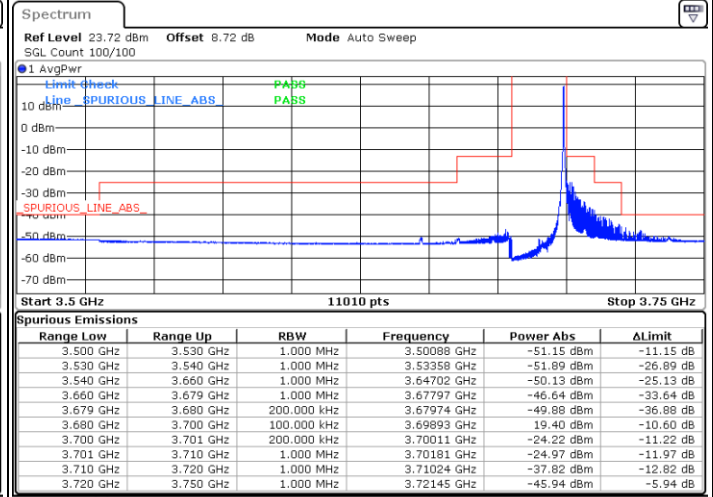
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



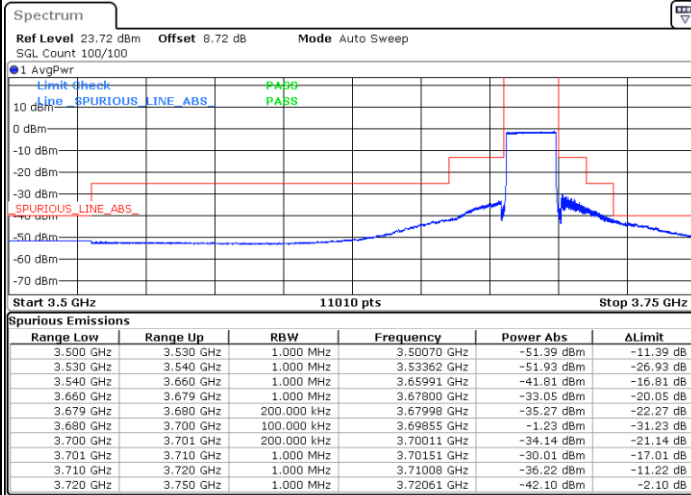
Date: 5.OCT.2024 17:40:04



Date: 5.OCT.2024 17:47:46

Highest Channel / FullIRB

N/A



Date: 5.OCT.2024 17:55:28

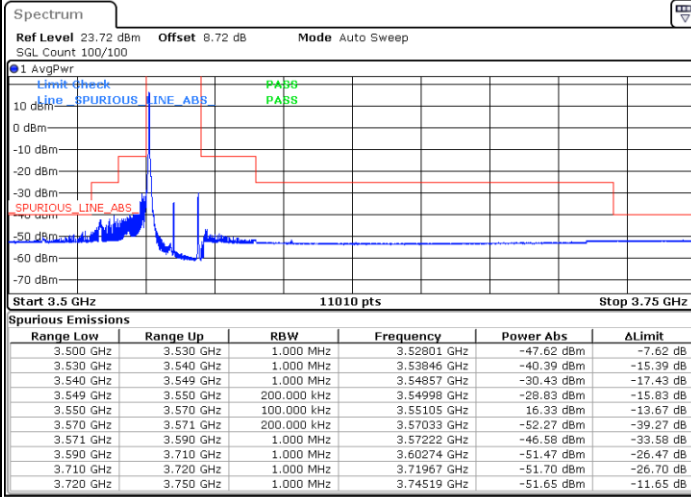


LTE Band 48 / 20MHz

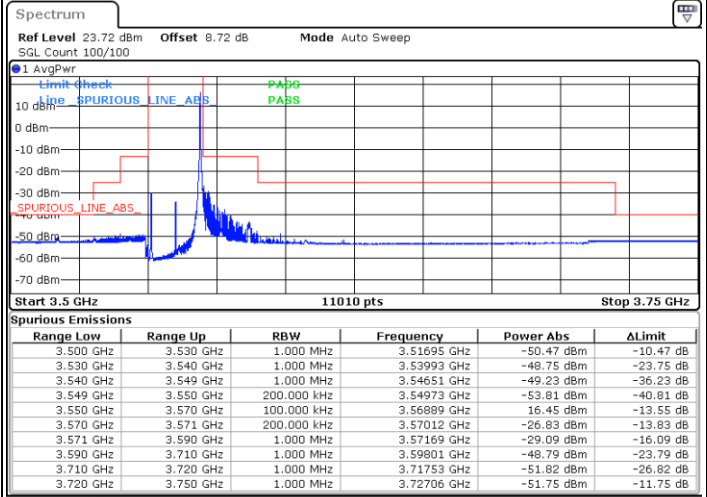
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



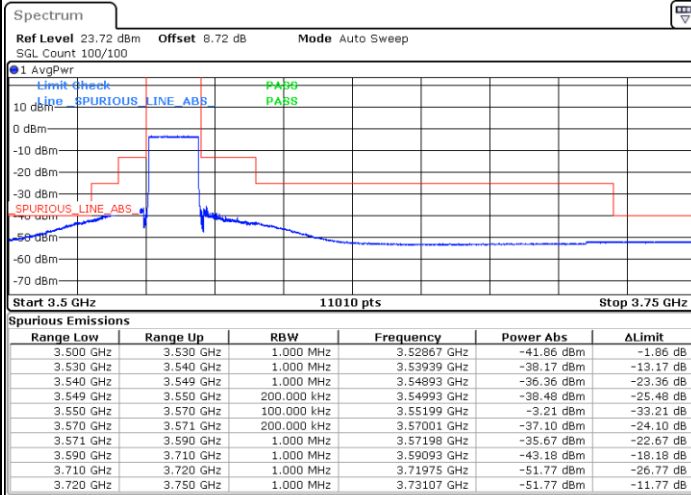
Date: 5.OCT.2024 16:55:53



Date: 5.OCT.2024 17:03:36

Lowest Channel / FullRB

N/A



Date: 5.OCT.2024 17:11:18

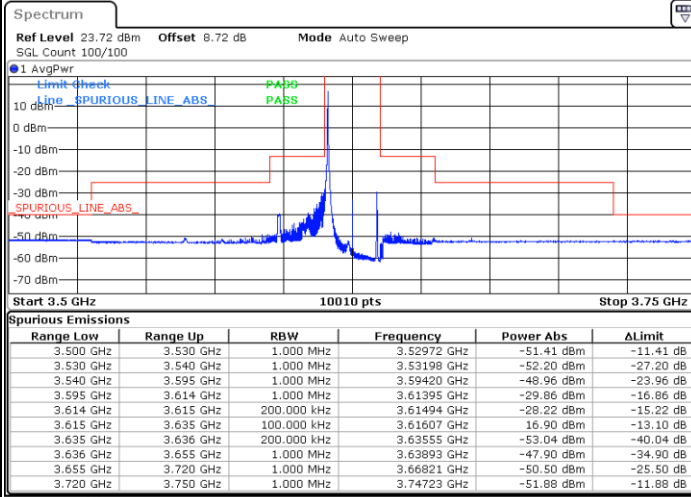


LTE Band 48 / 20MHz

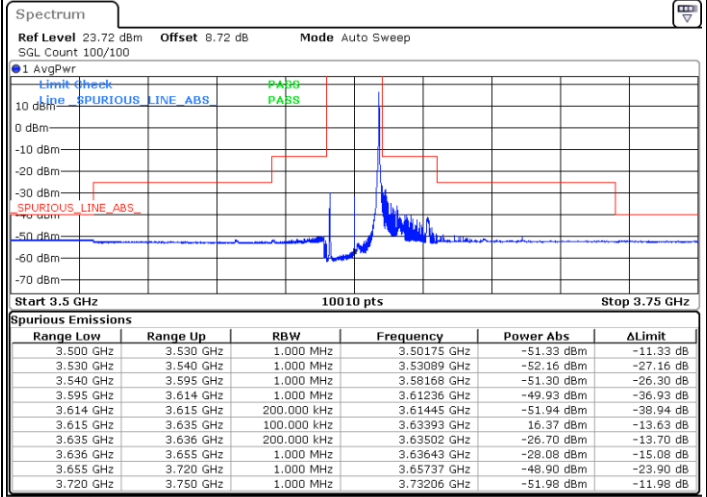
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



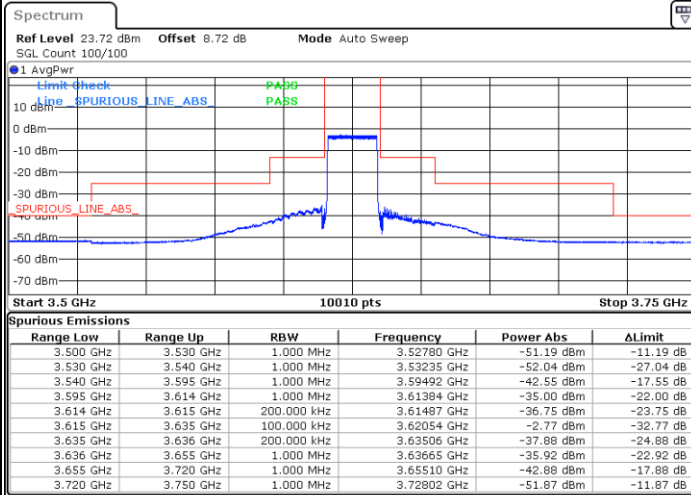
Date: 5.OCT.2024 17:18:58



Date: 5.OCT.2024 17:26:37

Middle Channel / Full

N/A



Date: 5.OCT.2024 17:34:17

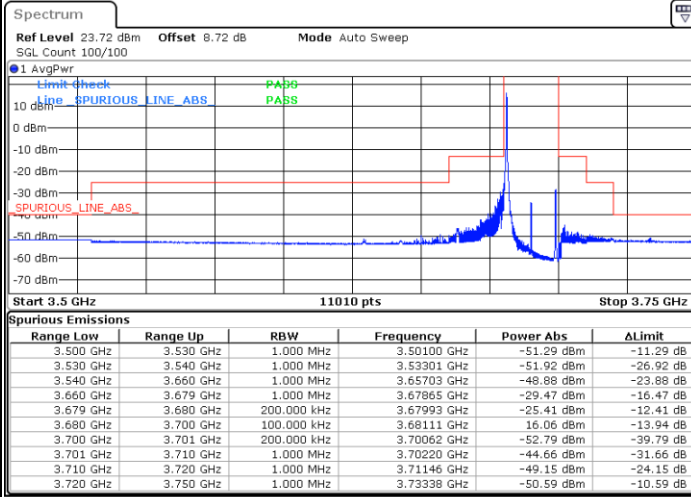


LTE Band 48 / 20MHz

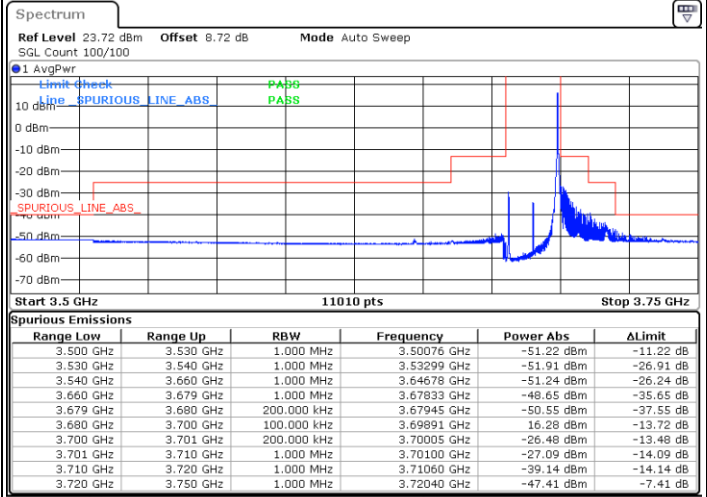
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



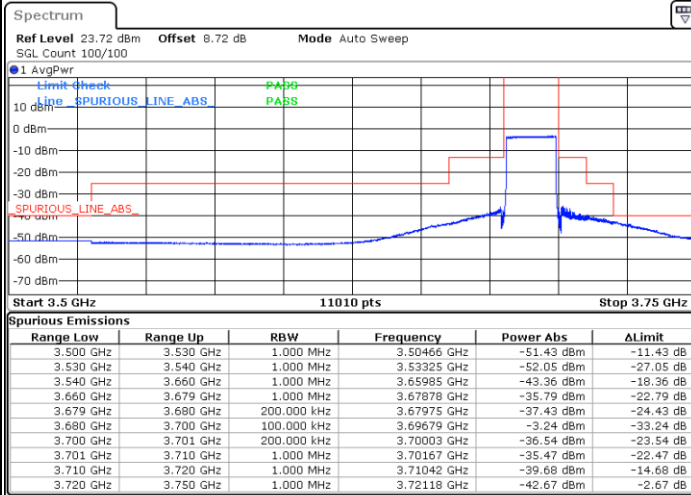
Date: 5.OCT.2024 17:41:59



Date: 5.OCT.2024 17:49:42

Highest Channel / FullIRB

N/A



Date: 5.OCT.2024 17:57:24



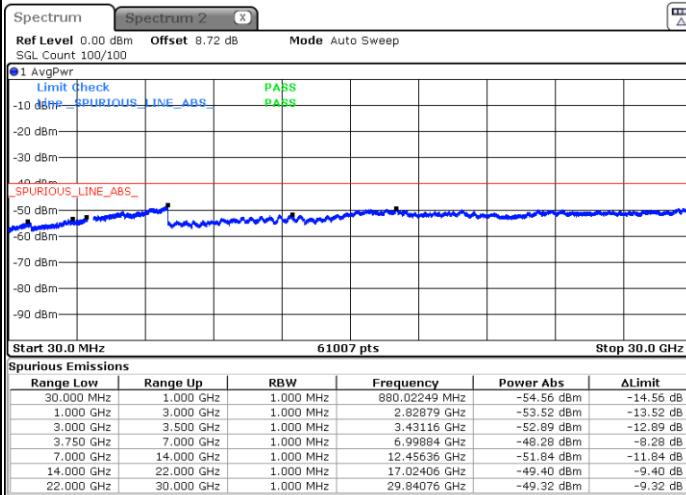
Conducted Spurious Emission

LTE Band 48 / 5MHz

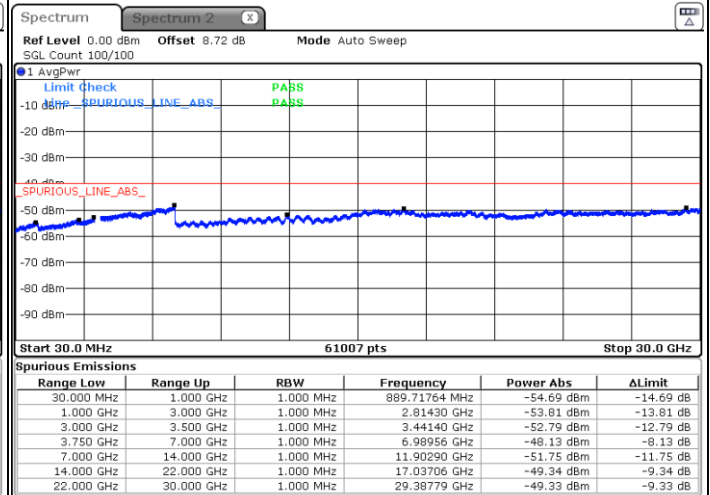
QPSK / 1RB0

Lowest Channel

Middle Channel

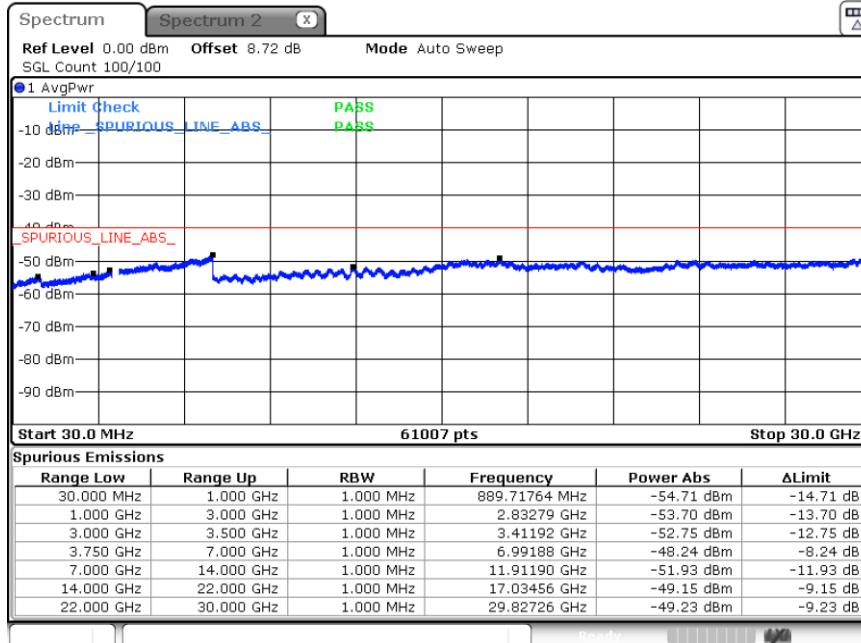


Date: 23.OCT.2024 13:47:20



Date: 23.OCT.2024 13:49:22

Highest Channel



Date: 23.OCT.2024 13:51:24

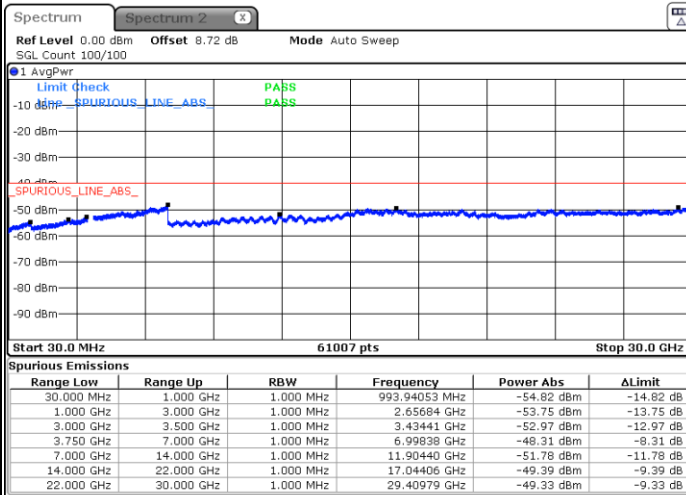


LTE Band 48 / 10MHz

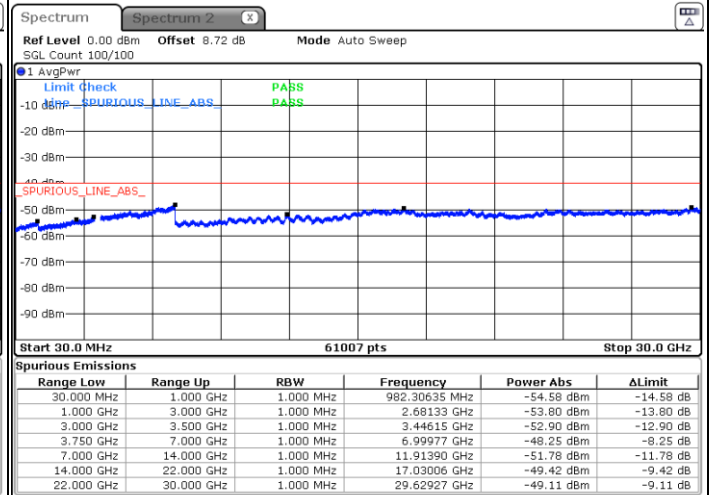
QPSK / 1RB0

Lowest Channel

Middle Channel

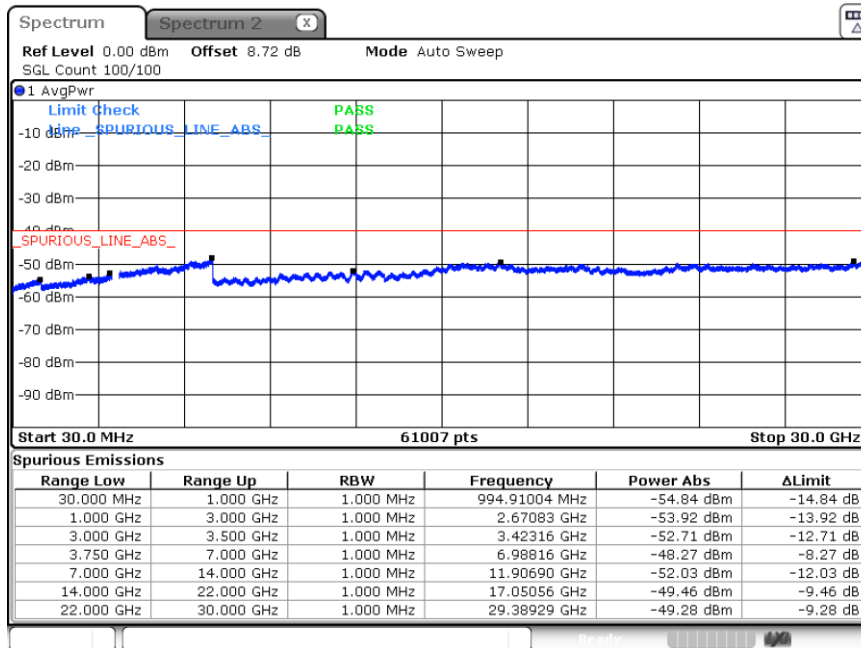


Date: 23.OCT.2024 13:53:27



Date: 23.OCT.2024 13:55:29

Highest Channel



Date: 23.OCT.2024 13:57:31

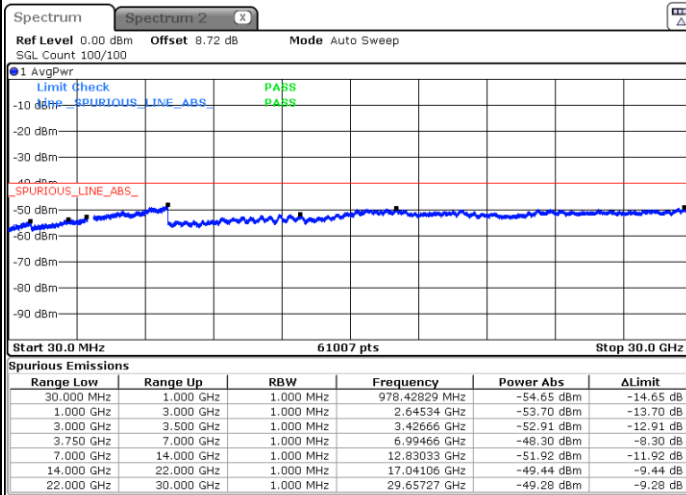


LTE Band 48 / 15MHz

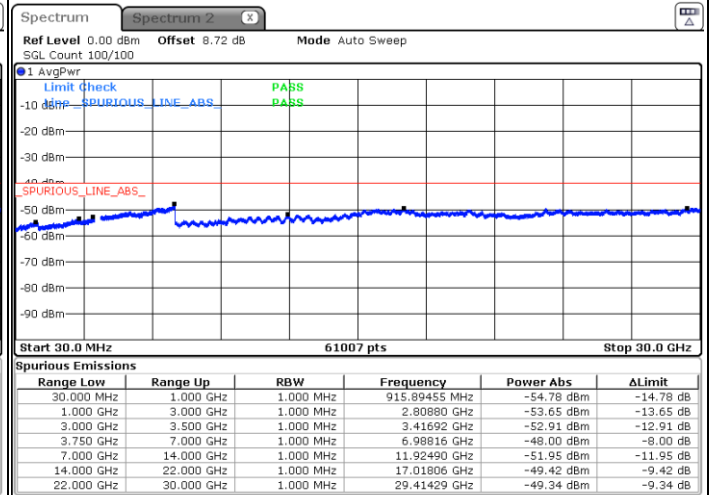
QPSK / 1RB0

Lowest Channel

Middle Channel

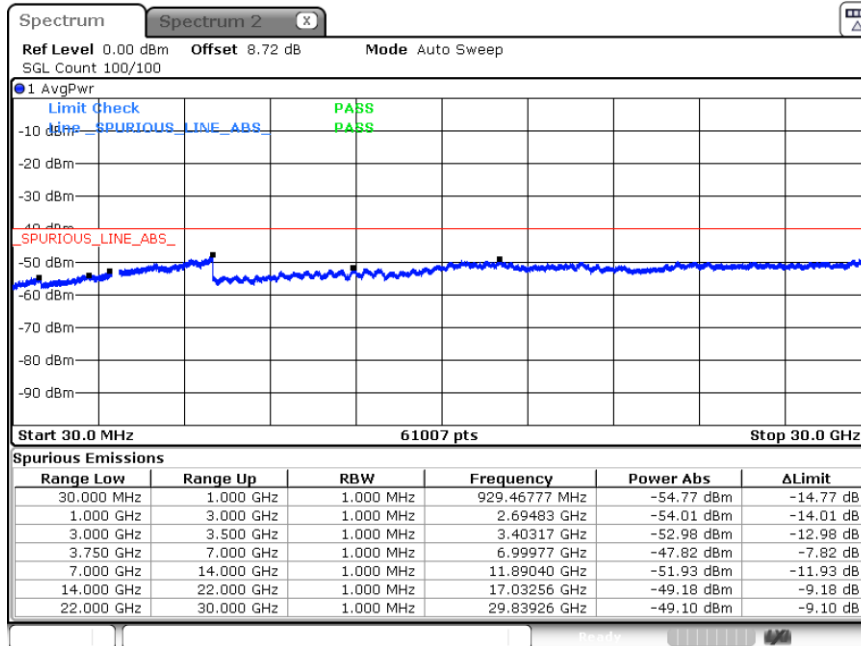


Date: 23.OCT.2024 13:59:34



Date: 23.OCT.2024 14:01:37

Highest Channel



Date: 23.OCT.2024 14:03:39

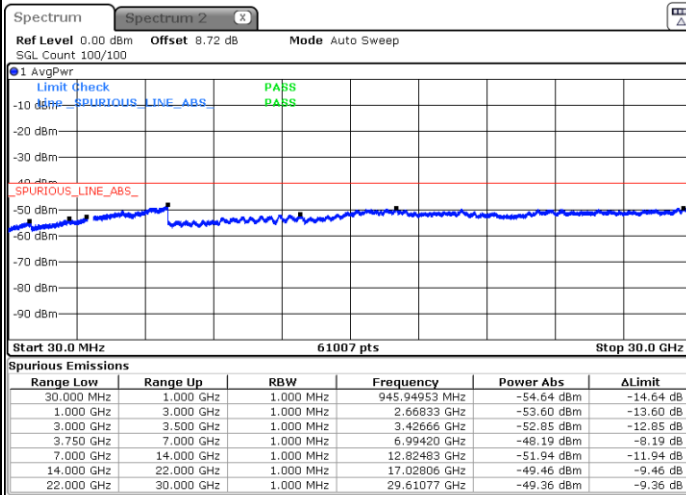


LTE Band 48 / 20MHz

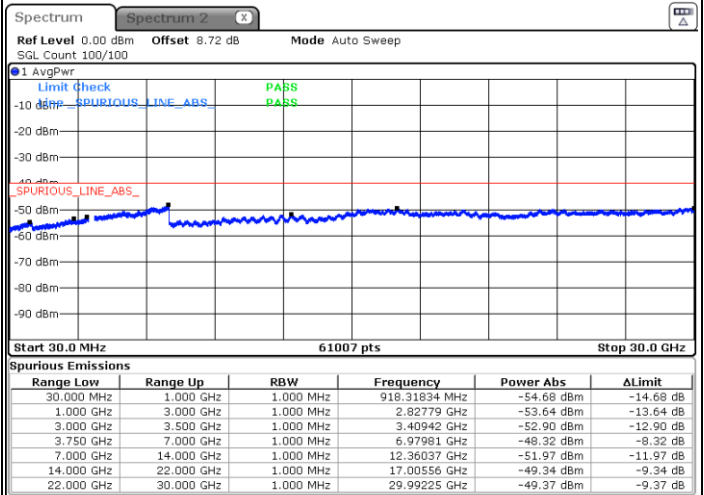
QPSK / 1RB0

Lowest Channel

Middle Channel

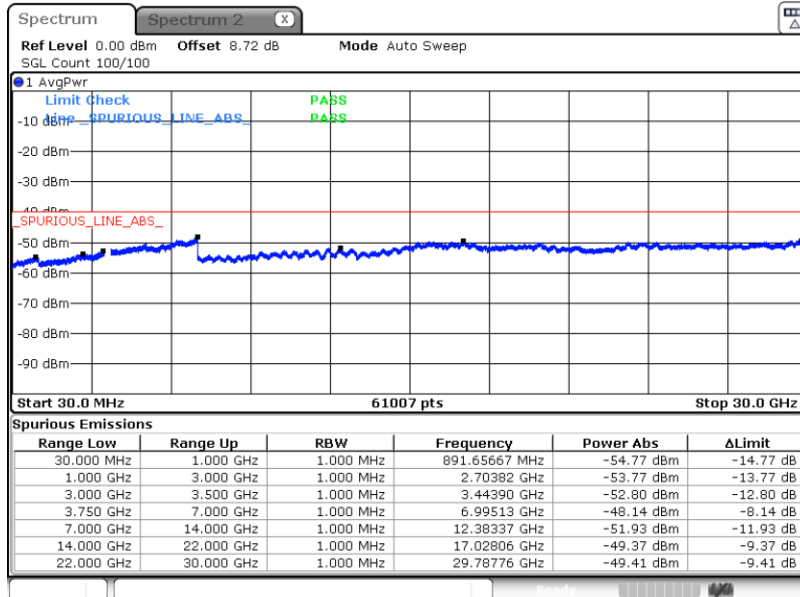


Date: 23.OCT.2024 14:05:41



Date: 23.OCT.2024 14:07:44

Highest Channel



Date: 23.OCT.2024 14:09:46

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	0.0039	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0055	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0048	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0061	
20	Battery End Point	0.0009	

Note:

1. Normal Voltage =3.77 V. ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.2 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 :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

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.1								
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	7236	-61.12	-40	-21.12	-72.58	2.84	14.30	H
	10848.27	-60.74	-40	-20.74	-70.68	3.49	13.43	H
	14464.36	-55.08	-40	-15.08	-65.32	3.85	14.09	H
	7236	-61.88	-40	-21.88	-73.34	2.84	14.30	V
	10848.27	-60.64	-40	-20.64	-70.58	3.49	13.43	V
	14464.36	-59.35	-40	-19.35	-69.59	3.85	14.09	V

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