

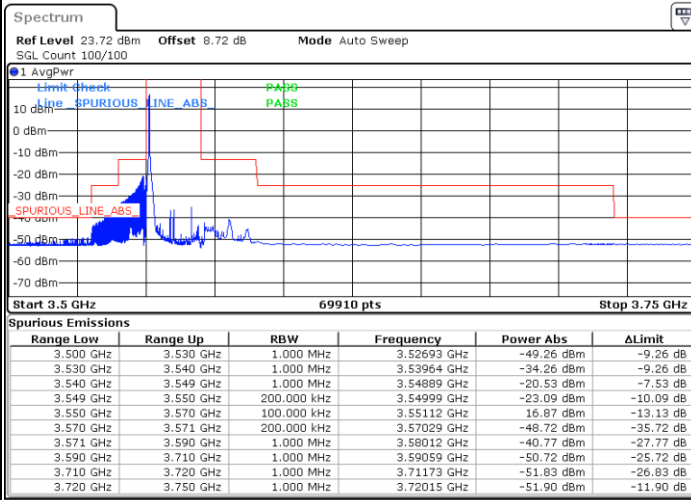


LTE Band 48 / 20MHz

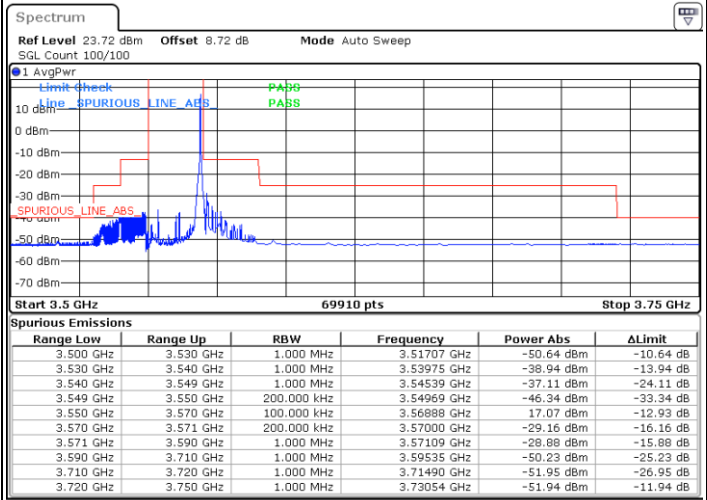
16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



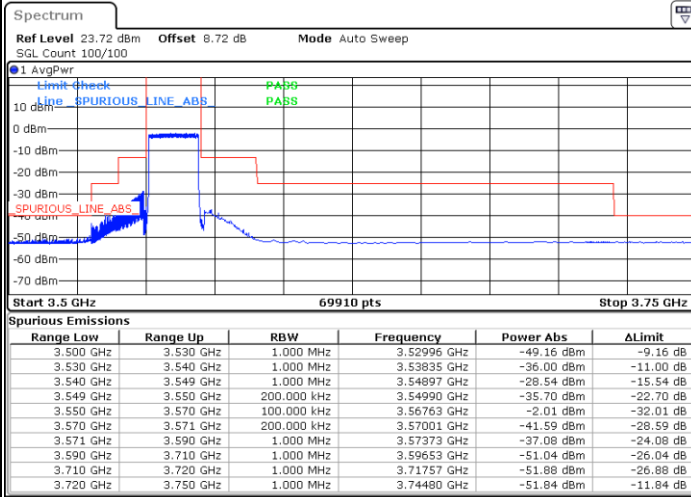
Date: 24.JUL.2024 00:59:59



Date: 24.JUL.2024 01:20:08

Lowest Channel / FullIRB

N/A



Date: 24.JUL.2024 01:31:52

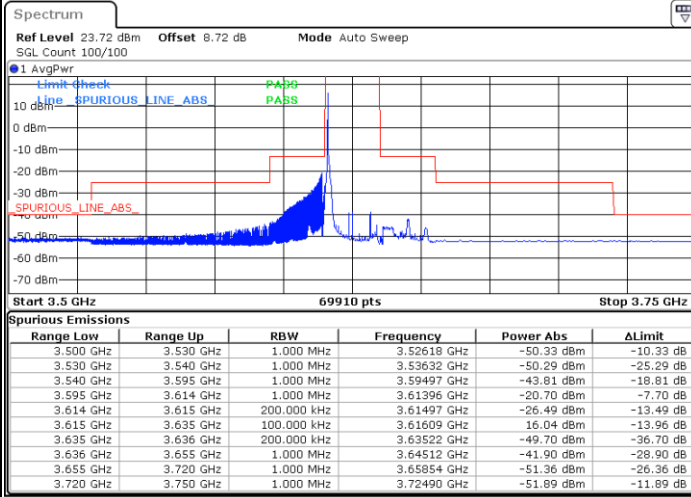


LTE Band 48 / 20MHz

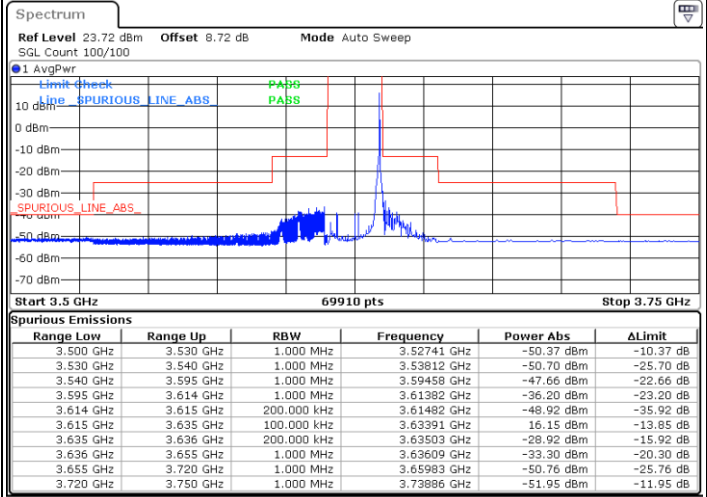
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



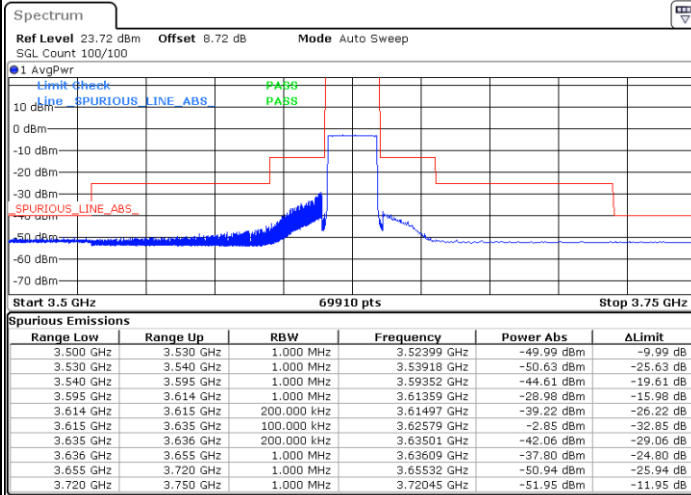
Date: 24.JUL.2024 01:43:35



Date: 24.JUL.2024 01:55:16

Middle Channel / Full

N/A



Date: 24.JUL.2024 02:06:58

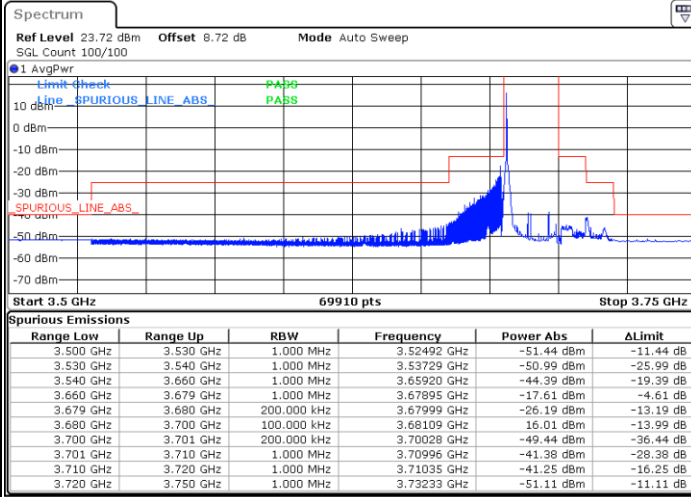


LTE Band 48 / 20MHz

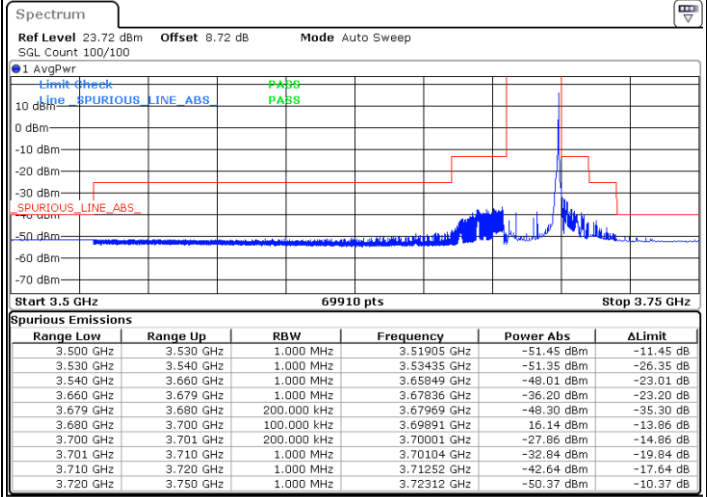
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



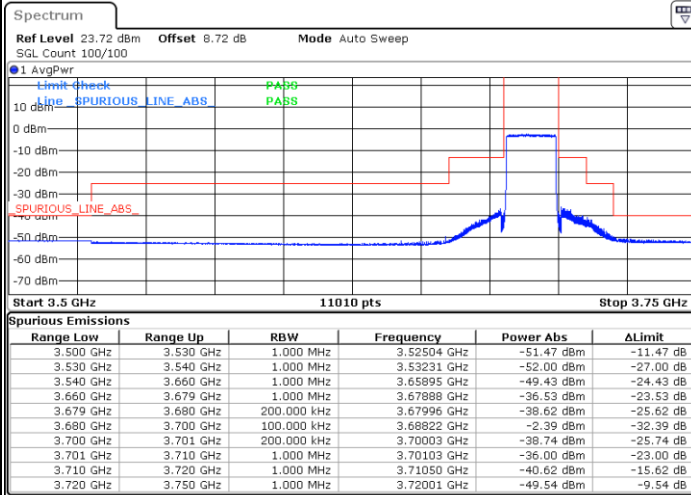
Date: 24.JUL.2024 02:18:47



Date: 24.JUL.2024 02:30:37

Highest Channel / FullIRB

N/A



Date: 24.JUL.2024 02:54:14

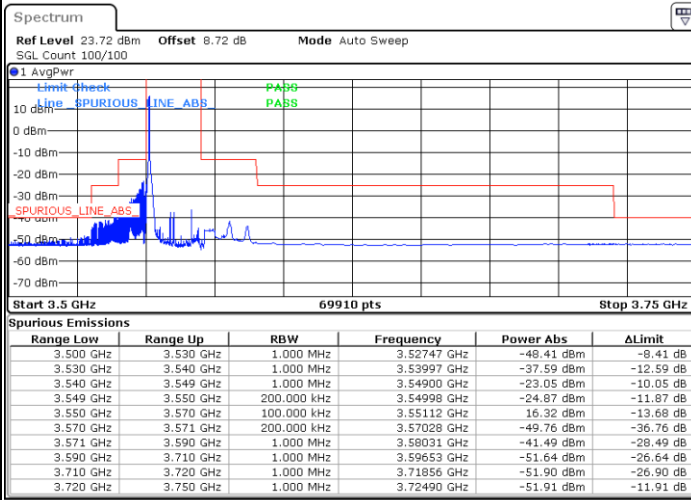


LTE Band 48 / 20MHz

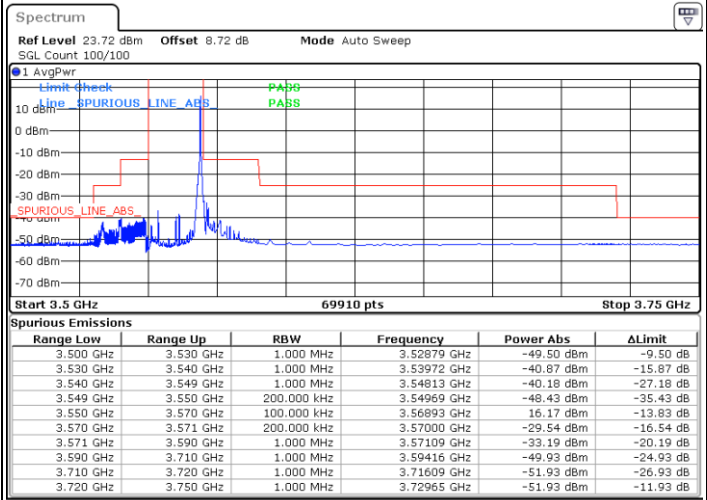
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



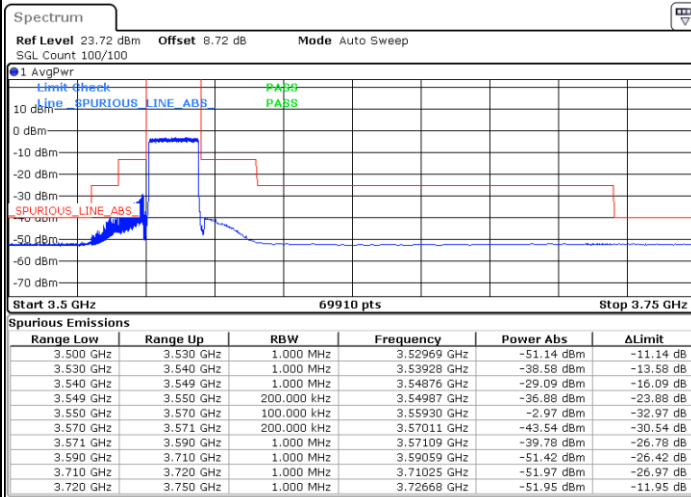
Date: 24.JUL.2024 01:02:55



Date: 24.JUL.2024 01:23:04

Lowest Channel / FullIRB

N/A



Date: 24.JUL.2024 01:34:48

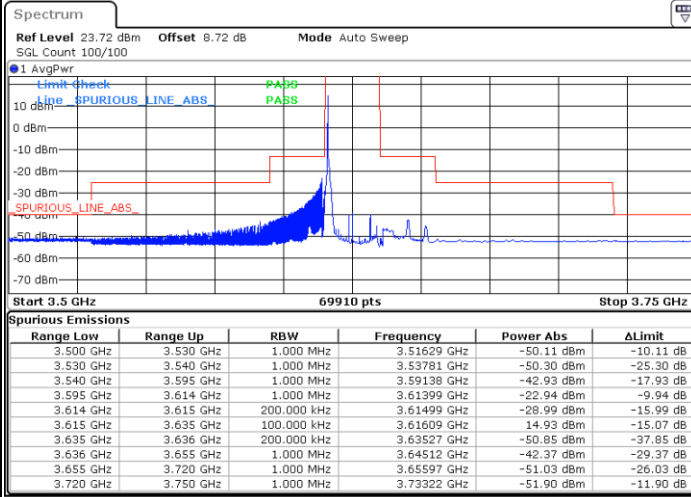


LTE Band 48 / 20MHz

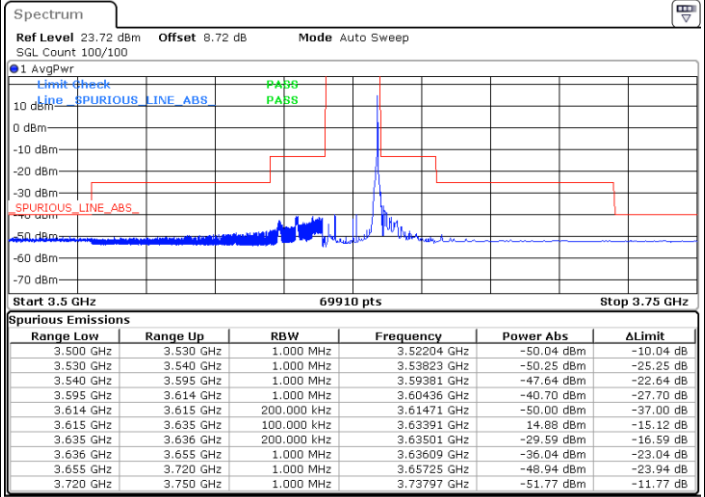
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



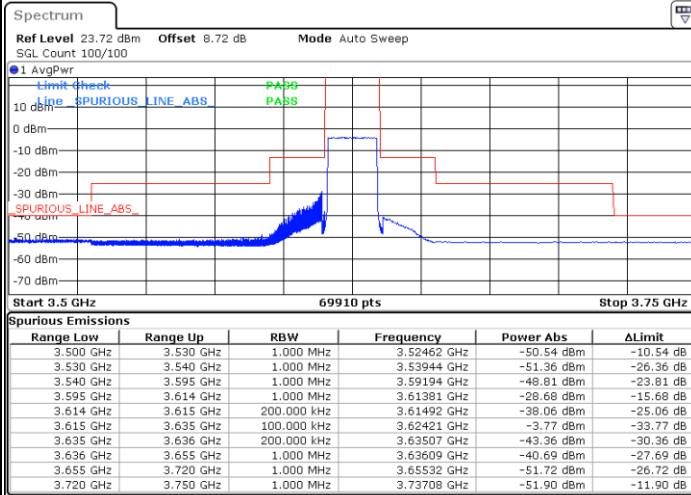
Date: 24.JUL.2024 01:46:30



Date: 24.JUL.2024 01:58:12

Middle Channel / Full

N/A



Date: 24.JUL.2024 02:09:53

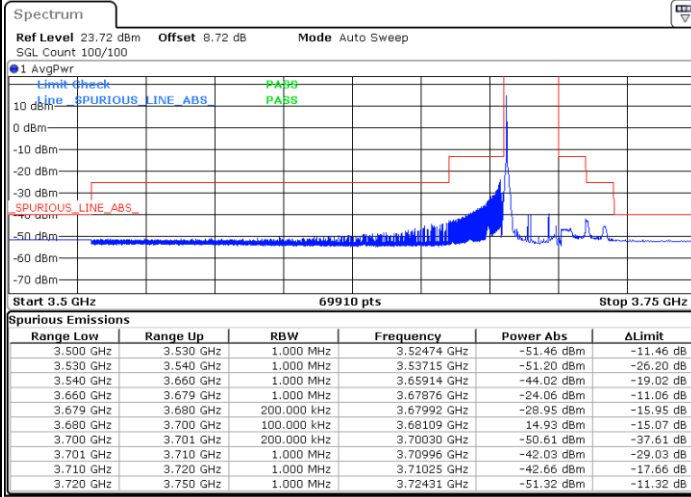


LTE Band 48 / 20MHz

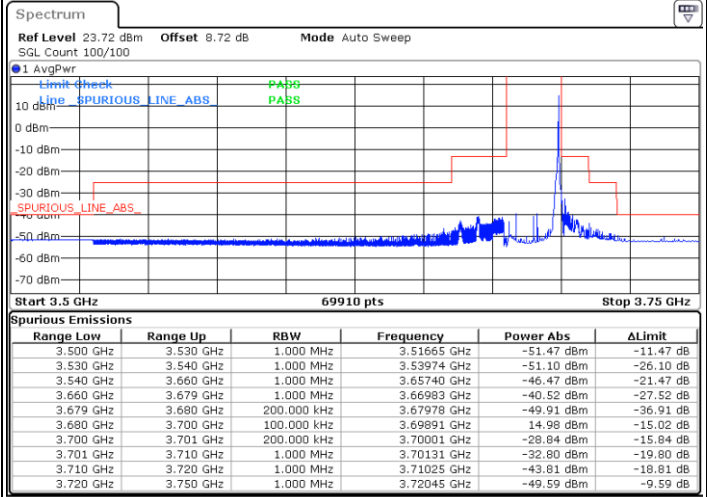
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



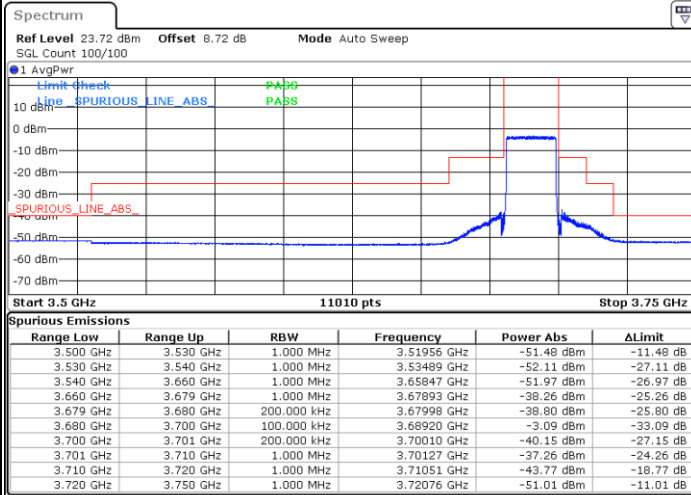
Date: 24.JUL.2024 02:21:42



Date: 24.JUL.2024 02:33:33

Highest Channel / FullIRB

N/A



Date: 24.JUL.2024 02:56:00

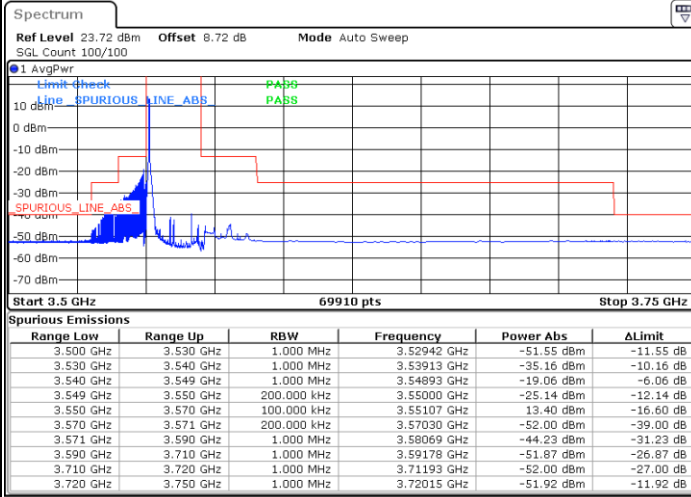


LTE Band 48 / 20MHz

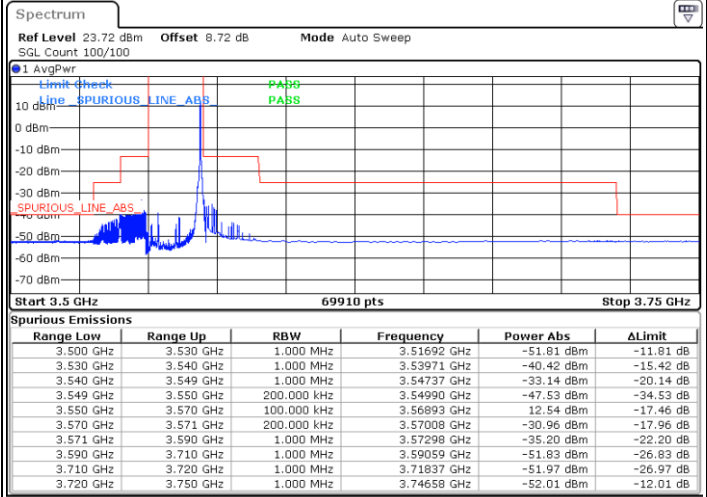
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



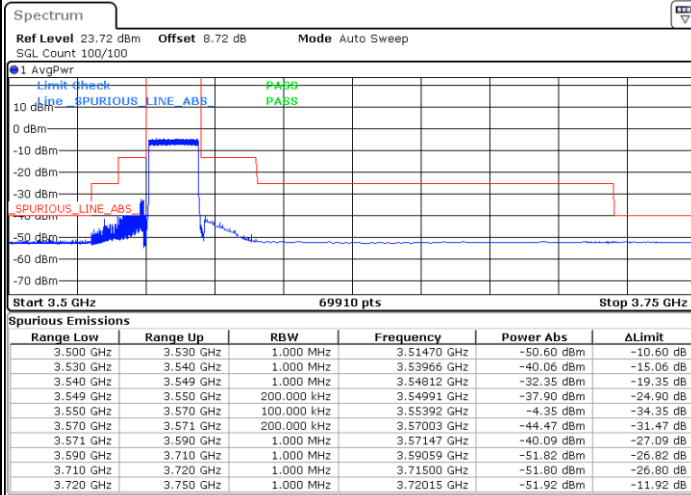
Date: 24.JUL.2024 01:05:51



Date: 24.JUL.2024 01:26:00

Lowest Channel / FullIRB

N/A



Date: 24.JUL.2024 01:37:44

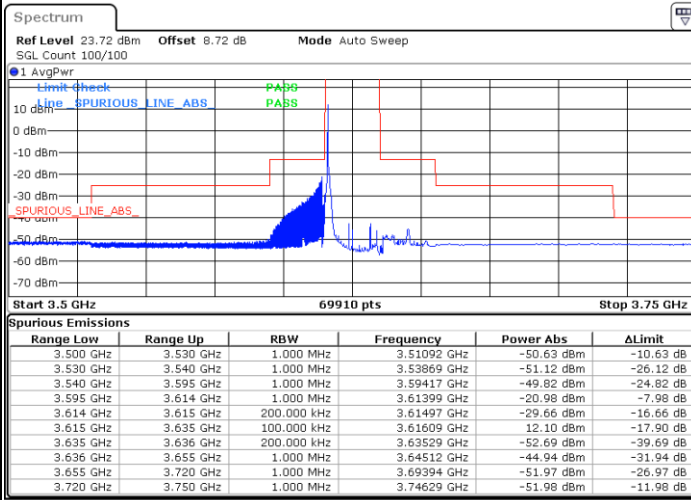


LTE Band 48 / 20MHz

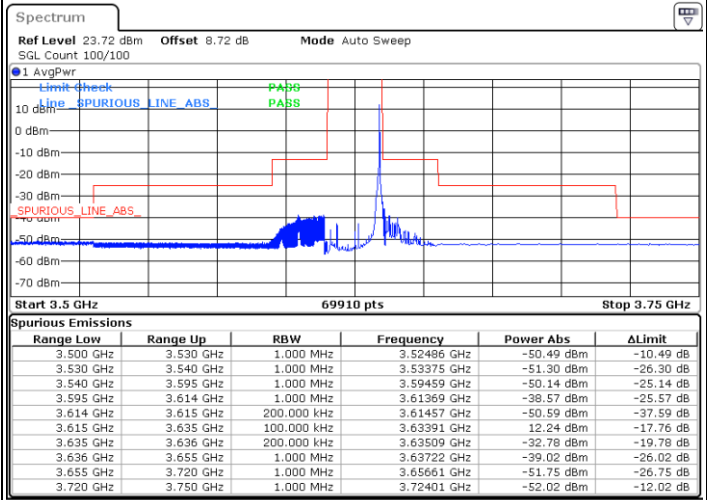
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



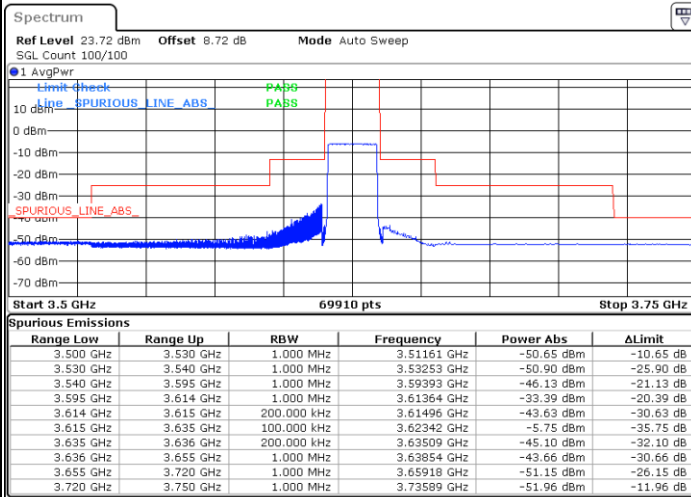
Date: 24.JUL.2024 01:49:26



Date: 24.JUL.2024 02:01:07

Middle Channel / Full

N/A



Date: 24.JUL.2024 02:12:48

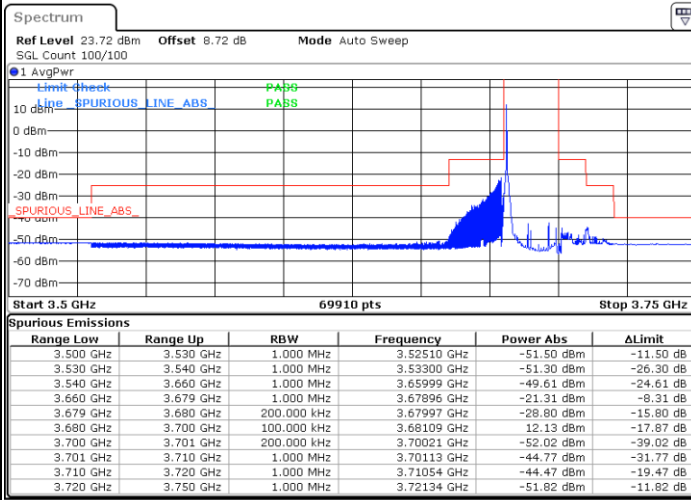


LTE Band 48 / 20MHz

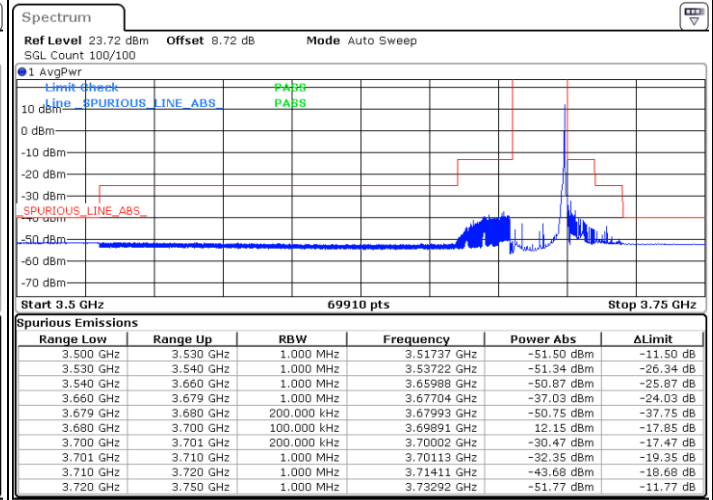
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



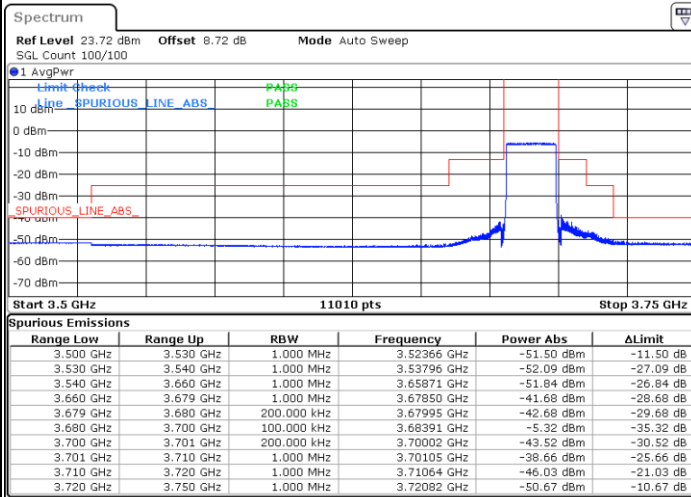
Date: 24.JUL.2024 02:24:38



Date: 24.JUL.2024 02:36:29

Highest Channel / FullIRB

N/A



Date: 24.JUL.2024 02:57:46



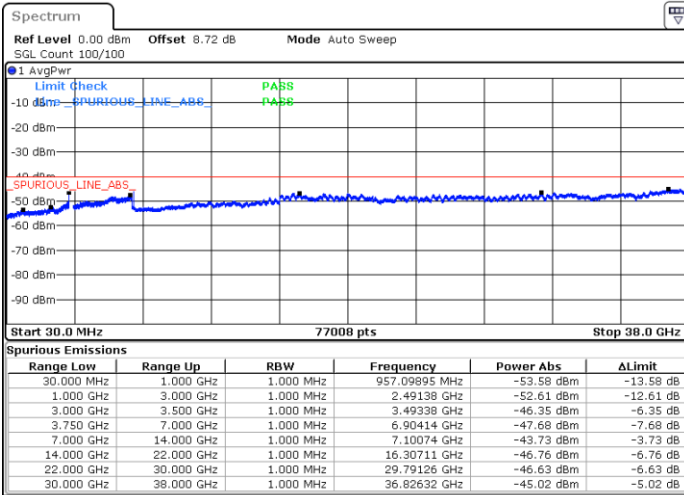
Conducted Spurious Emission

LTE Band 48 / 5MHz

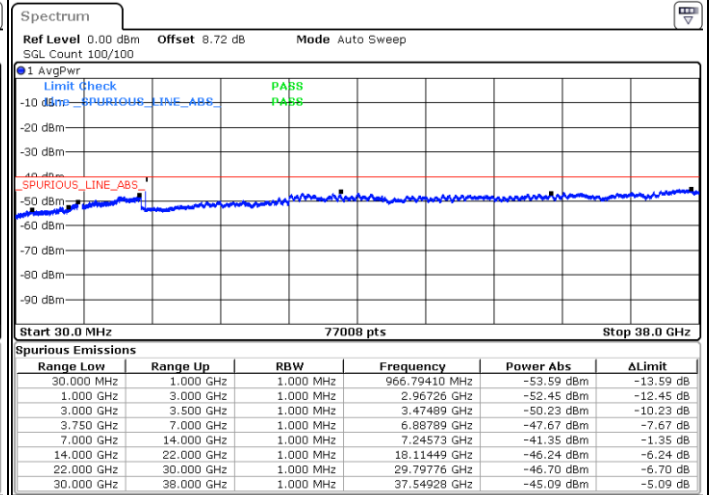
QPSK / 1RB0

Lowest Channel

Middle Channel

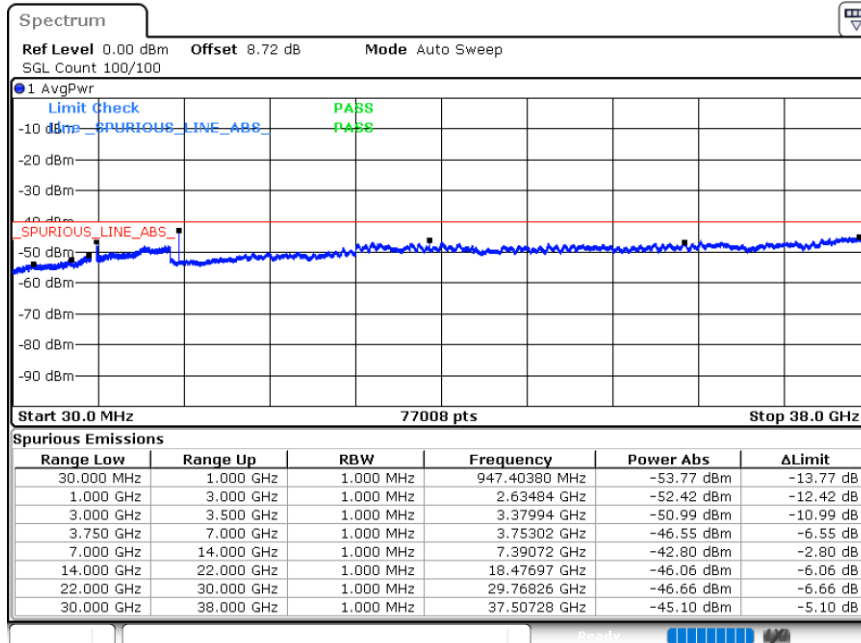


Date: 23.JUL.2024 18:14:16



Date: 23.JUL.2024 22:32:21

Highest Channel



Date: 23.JUL.2024 19:08:00

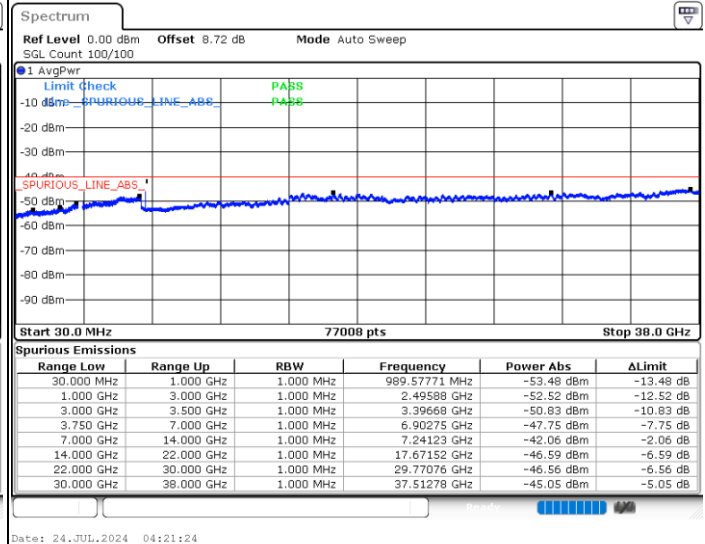
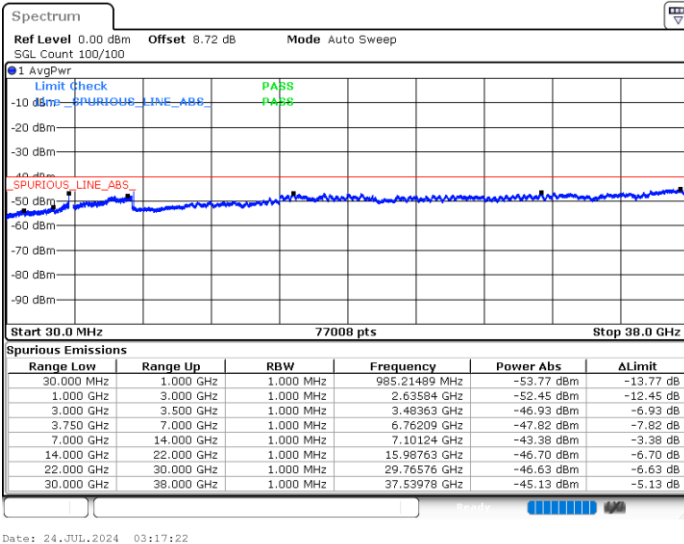


LTE Band 48 / 10MHz

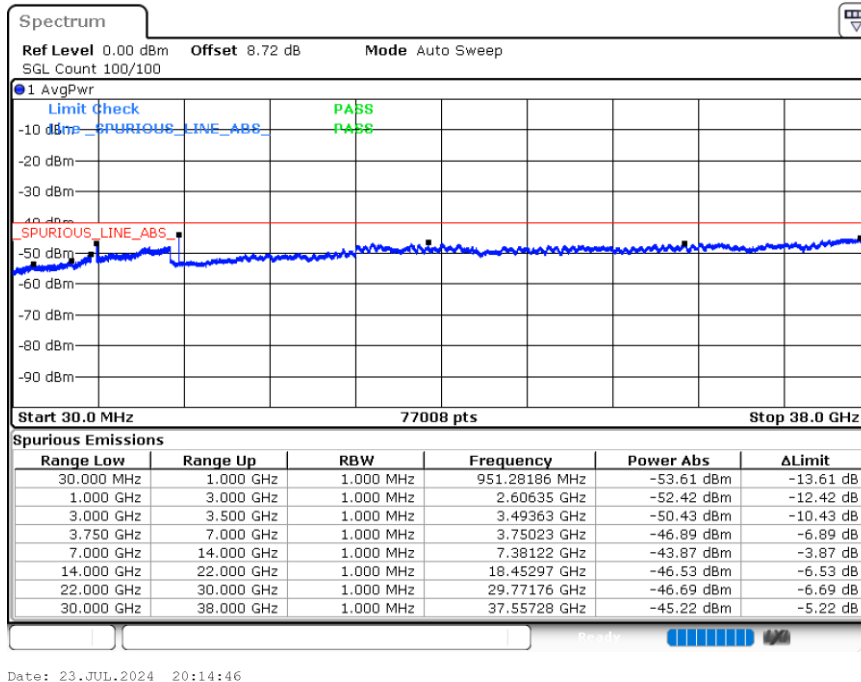
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



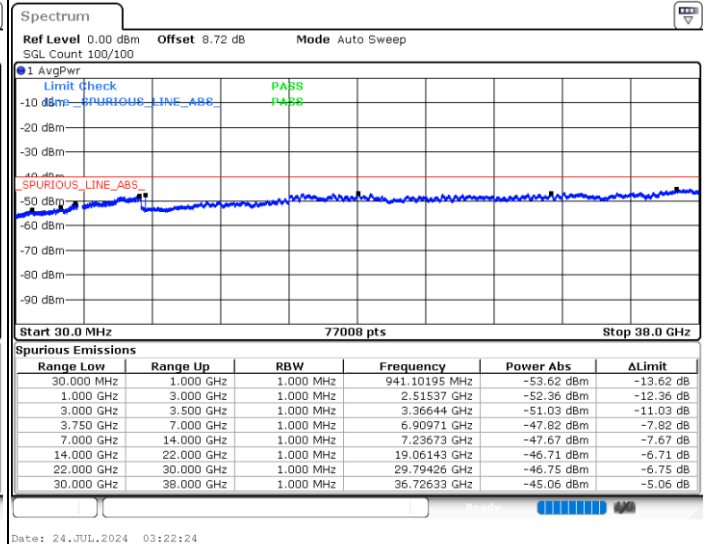
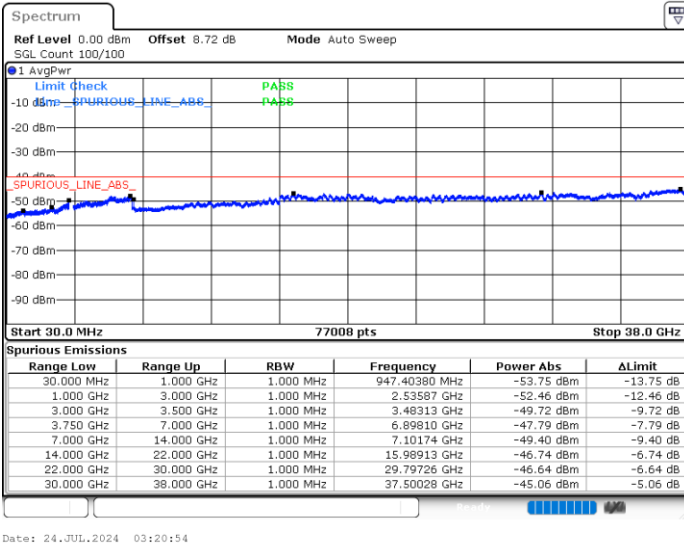


LTE Band 48 / 15MHz

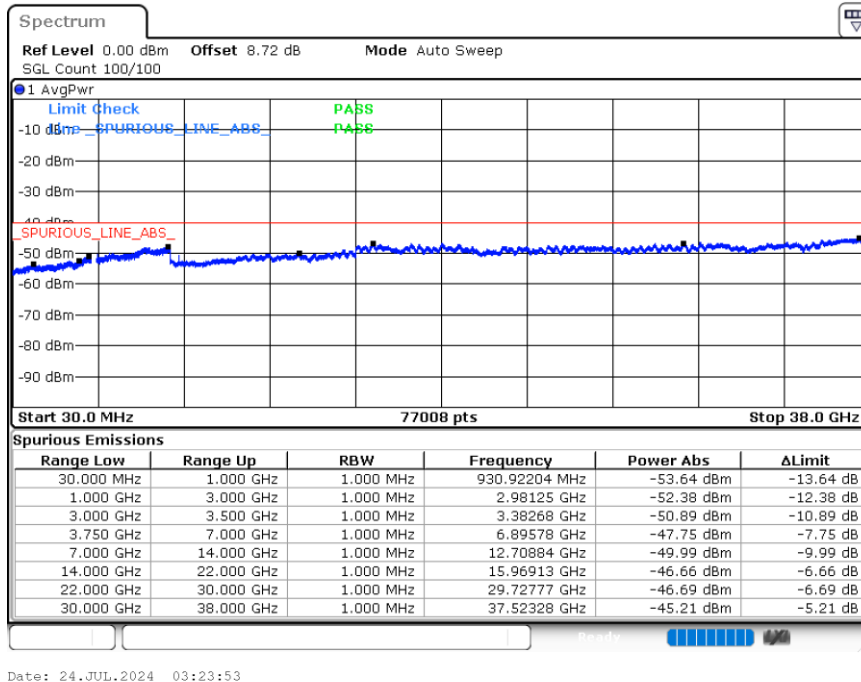
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



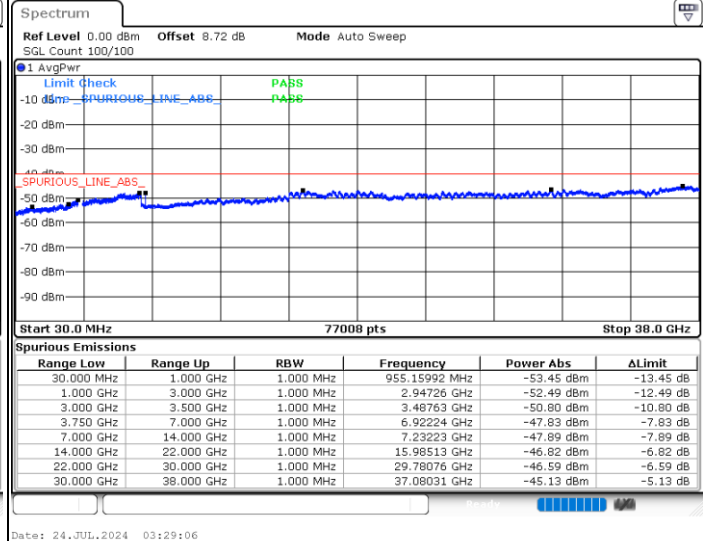
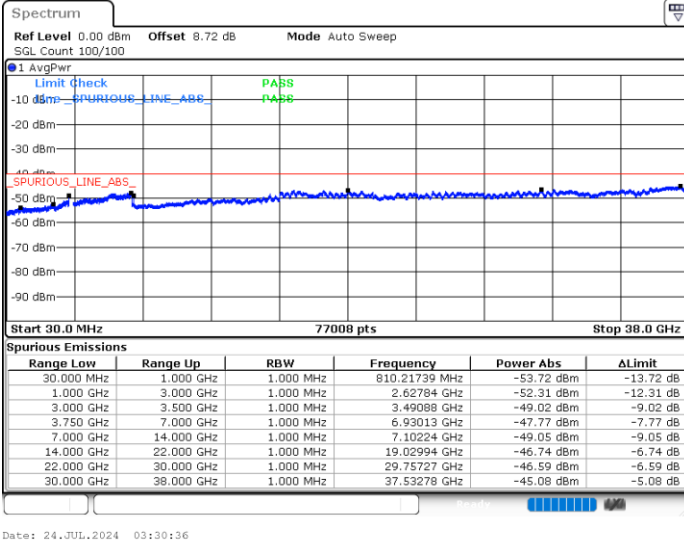


LTE Band 48 / 20MHz

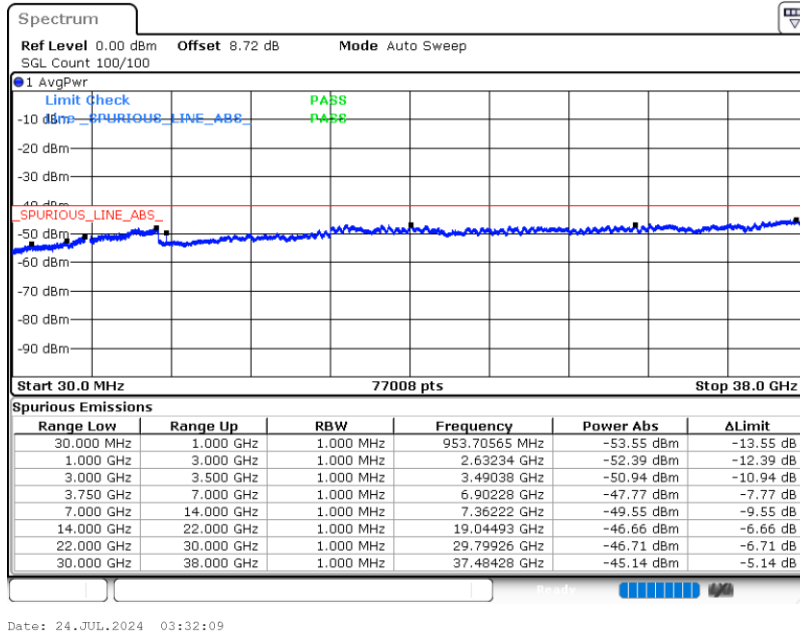
QPSK / 1RB0

Lowest Channel

Middle Channel



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	0.0018	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0049	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.3 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.3								
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	-47.27	-40	-7.27	-58.73	2.84	14.30	H
	10850	-50.64	-40	-10.64	-60.58	3.49	13.43	H
	14469	-52.29	-40	-12.29	-62.53	3.85	14.09	H
	7231	-51.38	-40	-11.38	-62.84	2.84	14.30	V
	10850	-57.62	-40	-17.62	-67.56	3.49	13.43	V
	14469	-58.30	-40	-18.30	-68.54	3.85	14.09	V

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