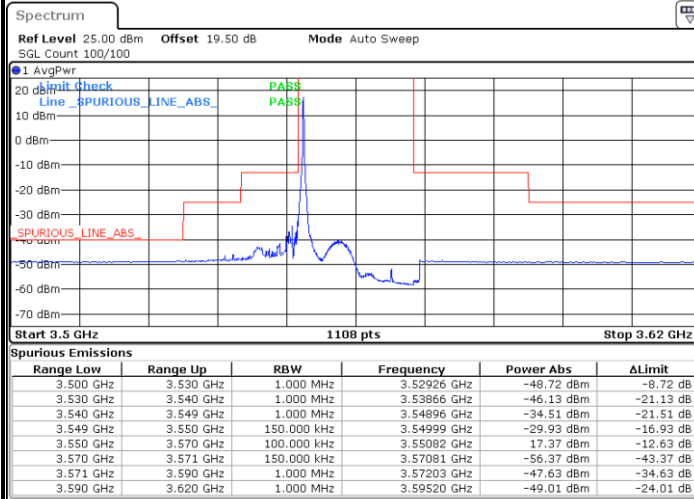




LTE Band 48 / 15MHz

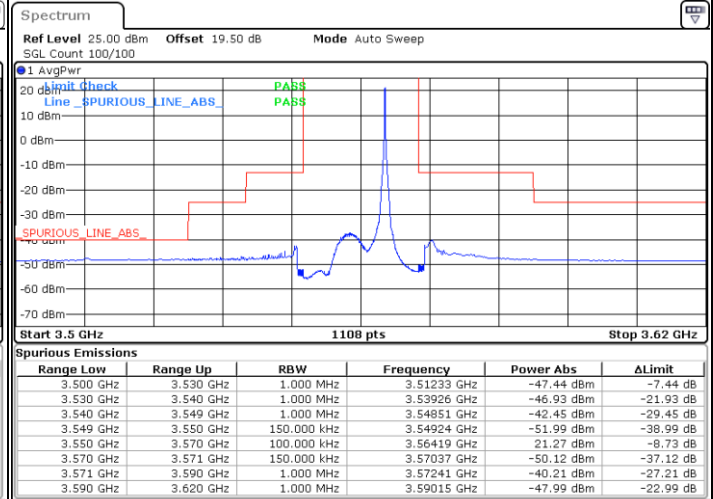
QPSK

Lowest Channel / 1RB0



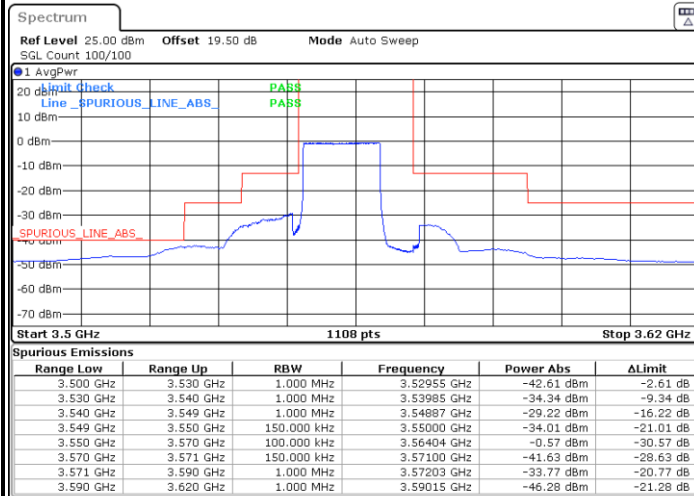
Date: 11.OCT.2025 15:09:03

Lowest Channel / 1RBmax



Date: 22.SEP.2025 15:10:01

Lowest Channel / FullIRB



Date: 7.NOV.2025 11:06:29

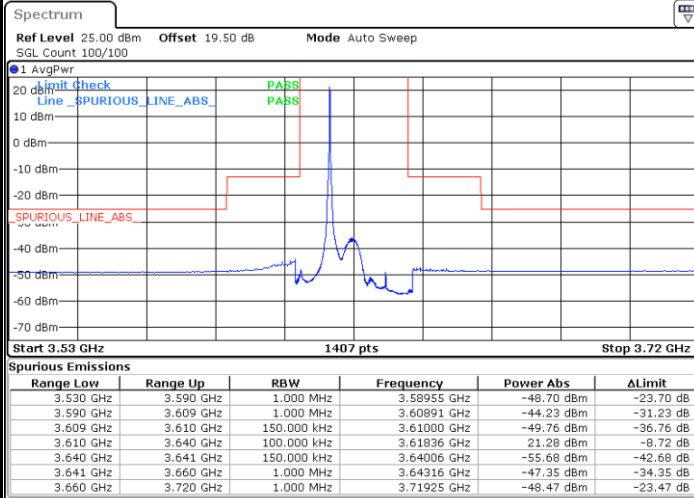
N/A



LTE Band 48 / 15MHz

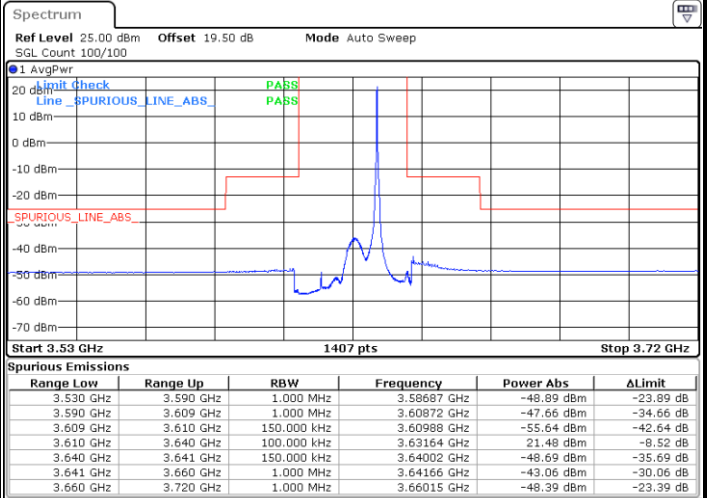
QPSK

Middle Channel / 1RB0



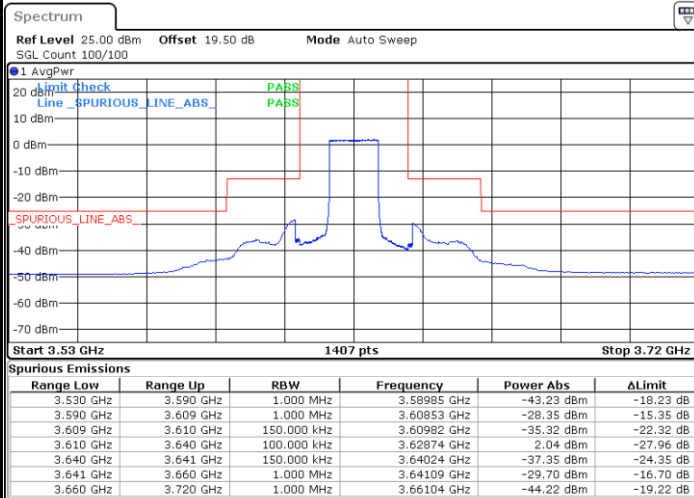
Date: 27 SEP 2025 10:30:52

Middle Channel / 1RBmax



Date: 27 SEP 2025 13:12:01

Middle Channel / FullRB



Date: 27 SEP 2025 10:32:39

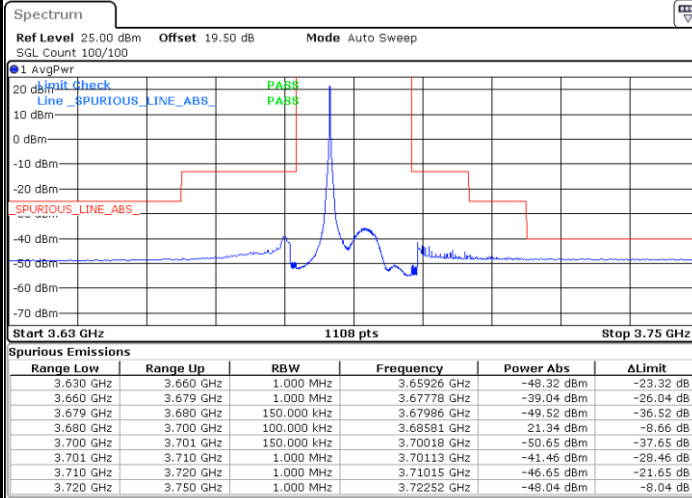
N/A



LTE Band 48 / 15MHz

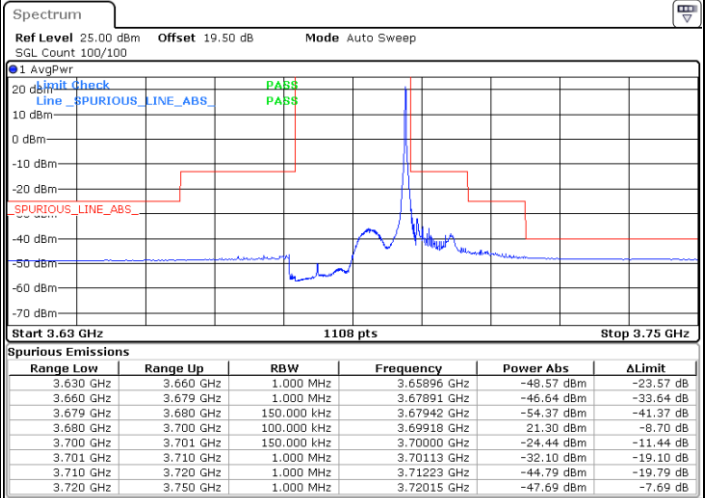
QPSK

Highest Channel / 1RB0



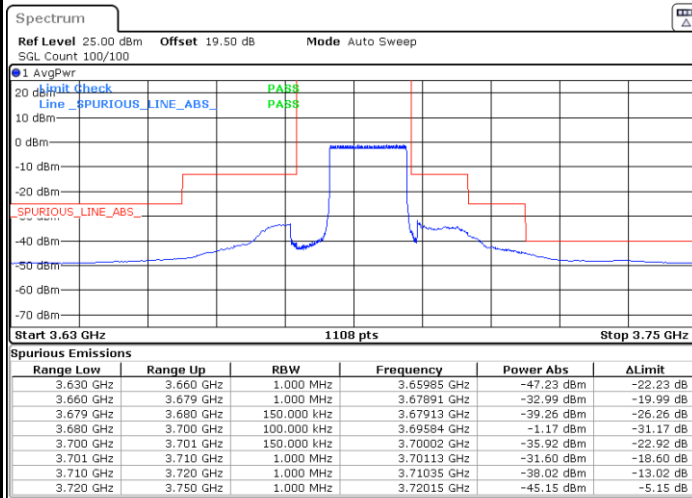
Date: 27 SEP 2025 09:39:11

Highest Channel / 1RBmax



Date: 27 SEP 2025 09:40:26

Highest Channel / FullRB



Date: 7 NOV 2025 11:09:44

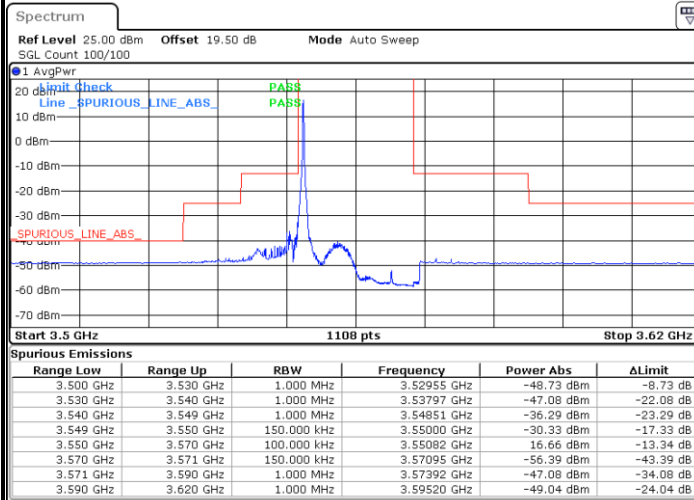
N/A



LTE Band 48 / 15MHz

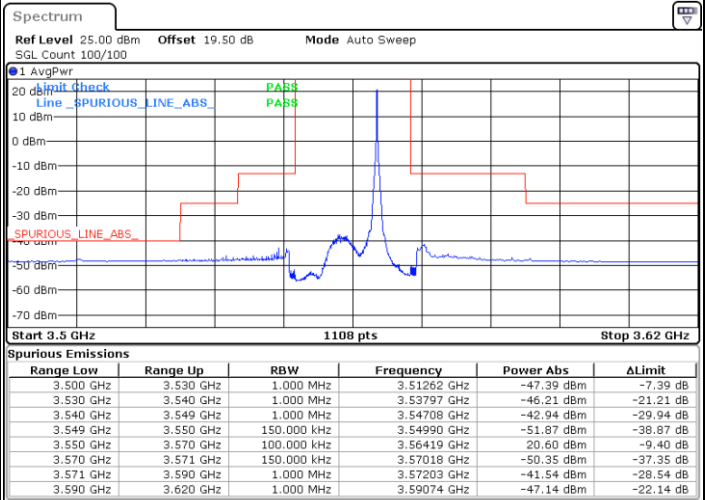
16QAM

Lowest Channel / 1RB0



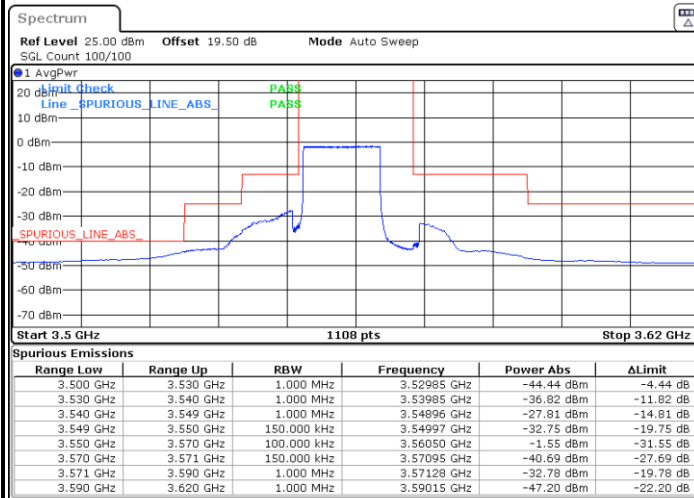
Date: 11.OCT.2025 15:10:29

Lowest Channel / 1RBmax



Date: 22.SEP.2025 15:11:14

Lowest Channel / FullIRB



Date: 7.NOV.2025 11:08:12

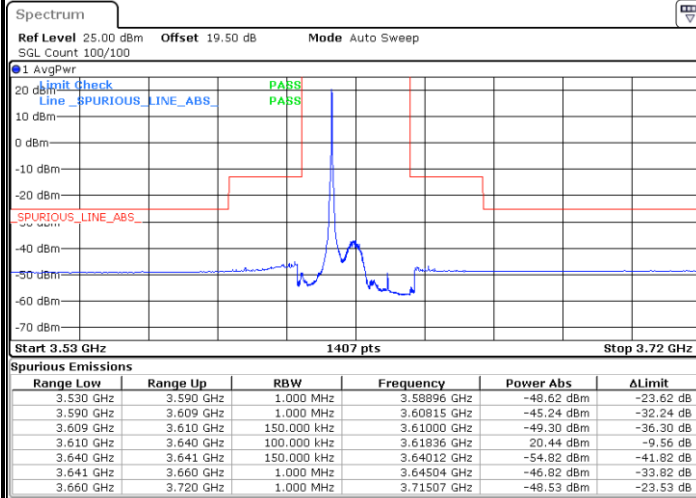
N/A



LTE Band 48 / 15MHz

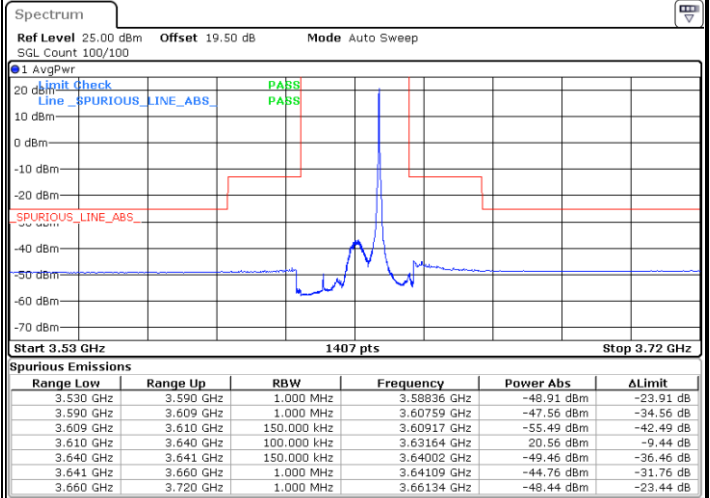
16QAM

Middle Channel / 1RB0



Date: 27 SEP 2025 13:13:35

Middle Channel / 1RBmax



Date: 27 SEP 2025 13:10:28

Middle Channel / FullRB



Date: 27 SEP 2025 10:34:13

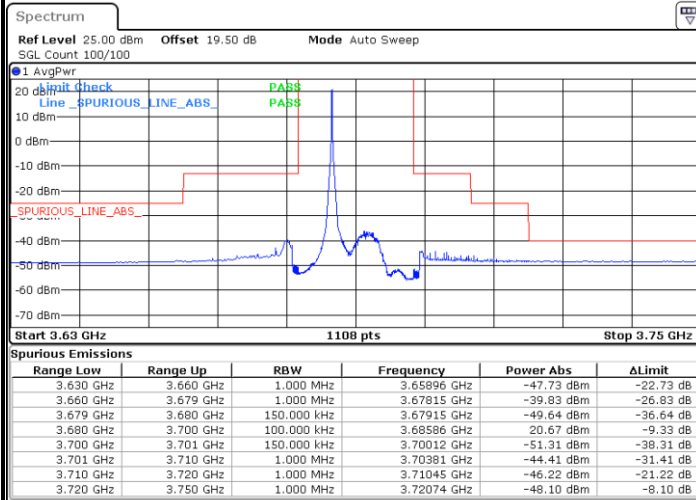
N/A



LTE Band 48 / 15MHz

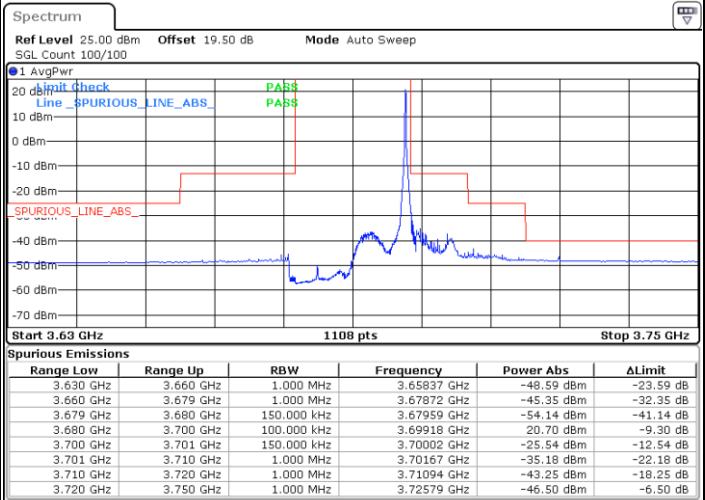
16QAM

Highest Channel / 1RB0



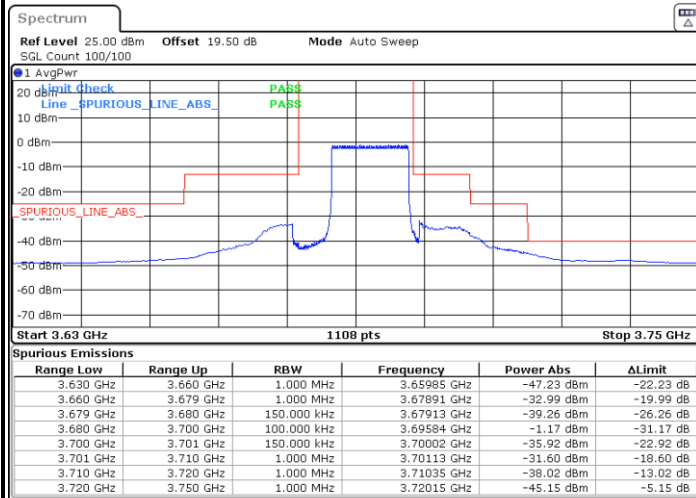
Date: 27 SEP 2025 09:37:56

Highest Channel / 1RBmax



Date: 27 SEP 2025 09:41:41

Highest Channel / FullRB



Date: 7 NOV 2025 11:09:44

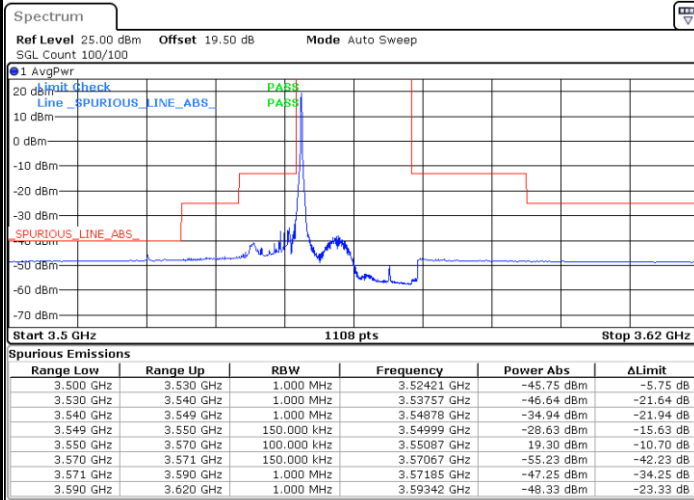
N/A



LTE Band 48 / 15MHz

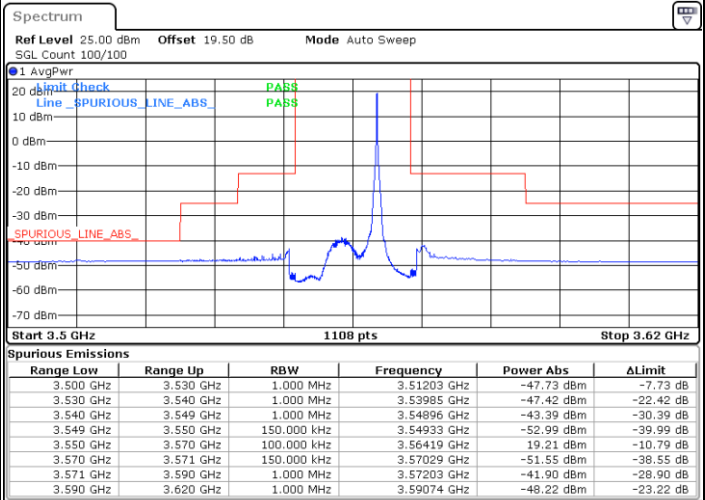
64QAM

Lowest Channel / 1RB0



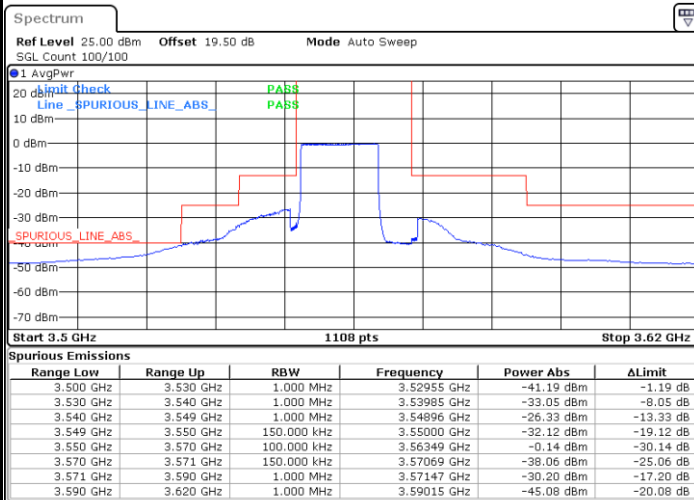
Date: 22.SEP.2025 15:06:22

Lowest Channel / 1RBmax



Date: 22.SEP.2025 15:12:28

Lowest Channel / FullIRB



Date: 22.SEP.2025 15:13:41

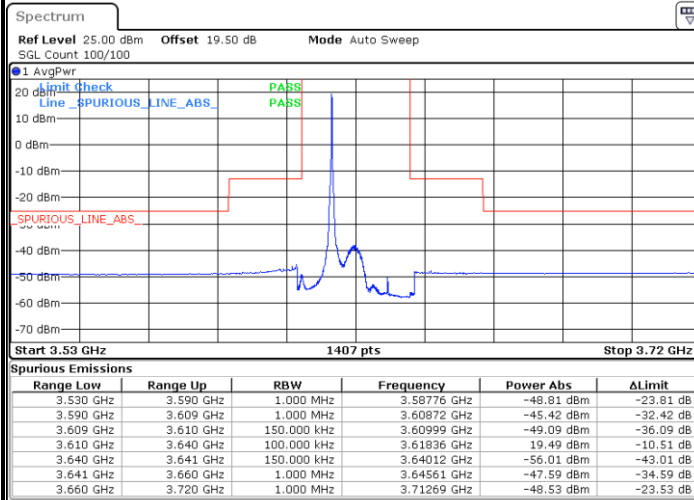
N/A



LTE Band 48 / 15MHz

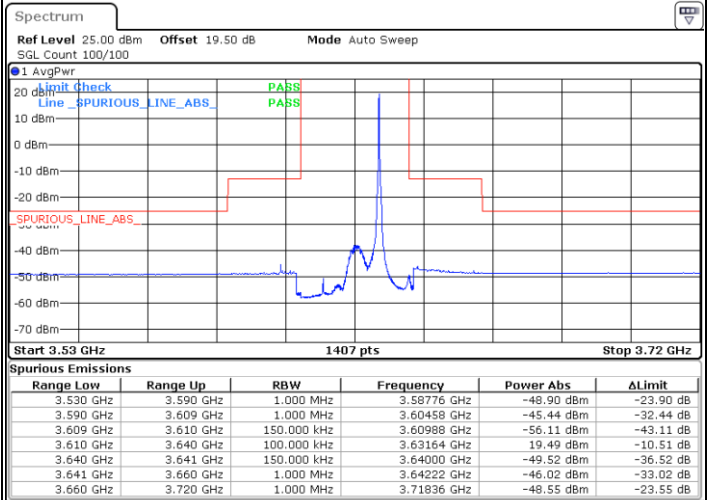
64QAM

Middle Channel / 1RB0



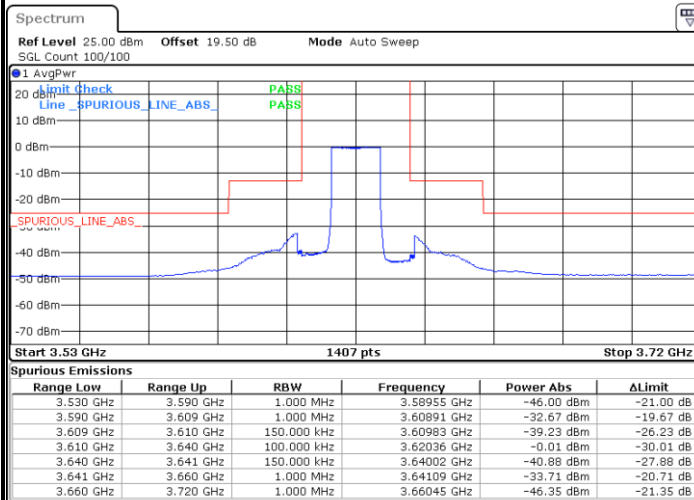
Date: 27 SEP 2025 13:15:08

Middle Channel / 1RBmax



Date: 27 SEP 2025 13:08:54

Middle Channel / FullRB



Date: 27 SEP 2025 13:07:20

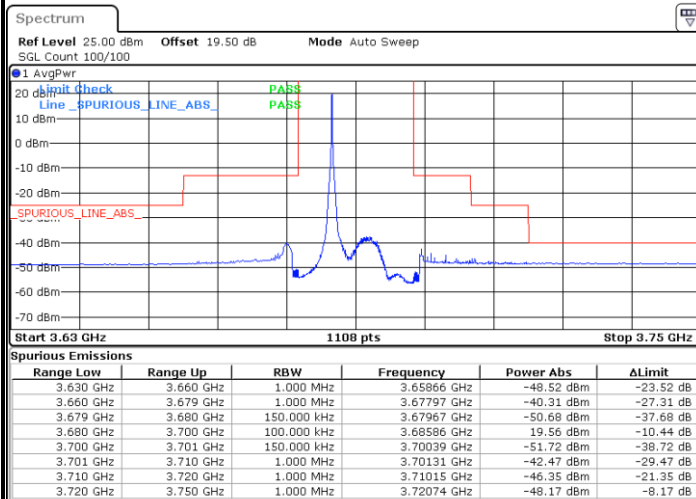
N/A



LTE Band 48 / 15MHz

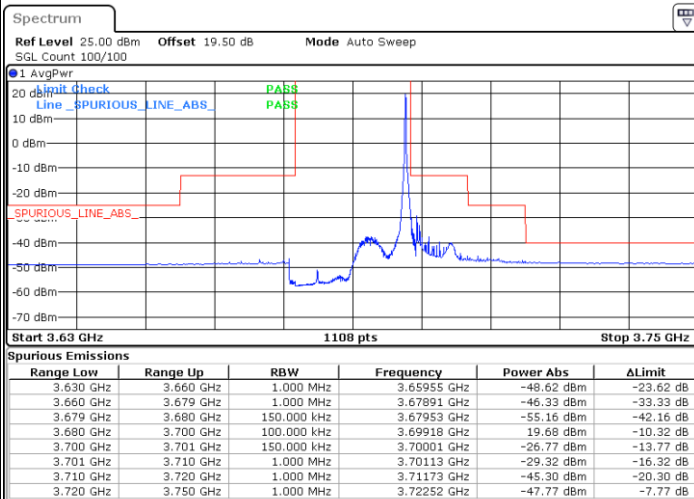
64QAM

Highest Channel / 1RB0



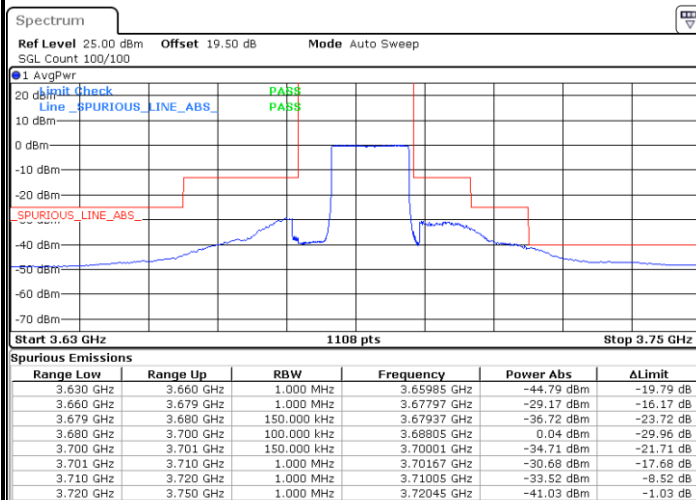
Date: 27 SEP 2025 09:36:41

Highest Channel / 1RBmax



Date: 27 SEP 2025 09:42:56

Highest Channel / FullRB



Date: 27 SEP 2025 09:44:11

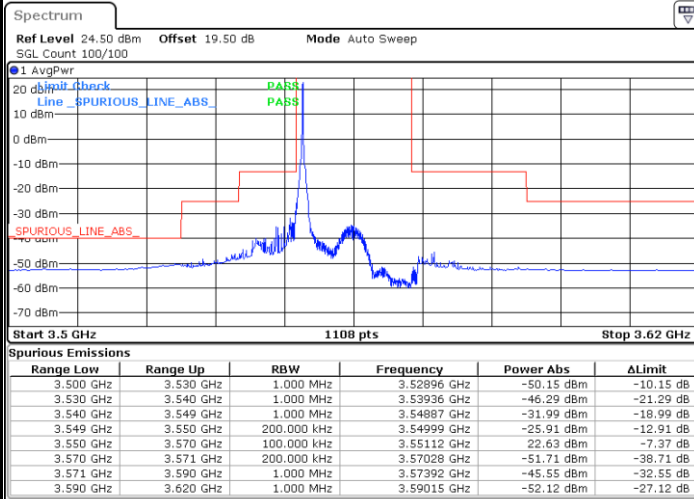
N/A



LTE Band 48 / 20MHz

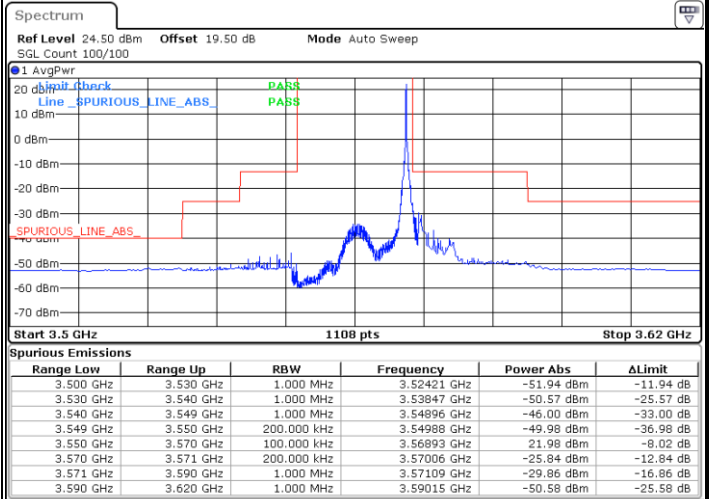
QPSK

Lowest Channel / 1RB0



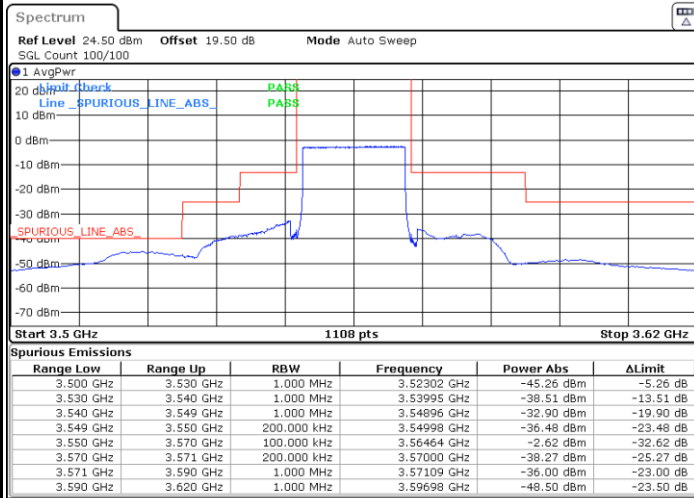
Date: 27 SEP 2025 09:48:38

Lowest Channel / 1RBmax



Date: 27 SEP 2025 09:54:55

Lowest Channel / FullIRB



Date: 7.NOV.2025 11:15:45

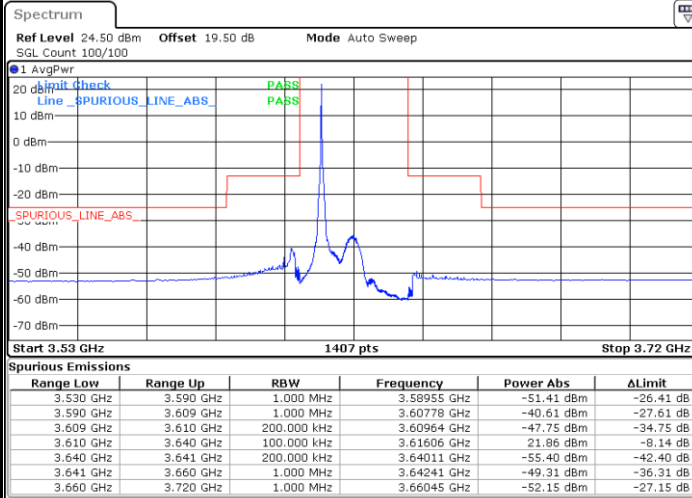
N/A



LTE Band 48 / 20MHz

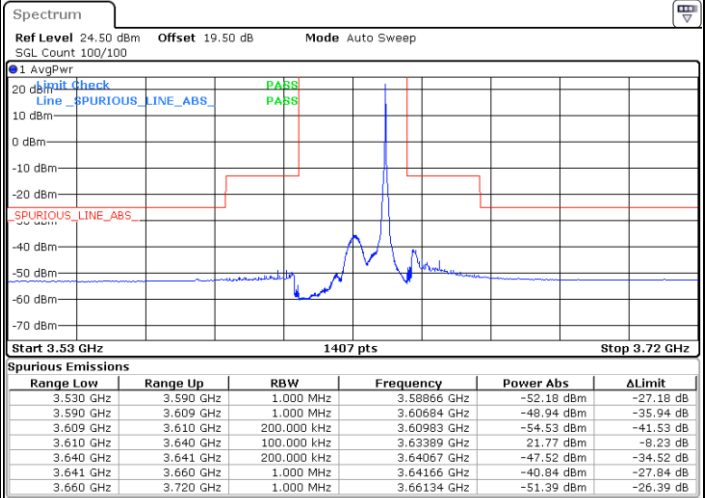
QPSK

Middle Channel / 1RB0



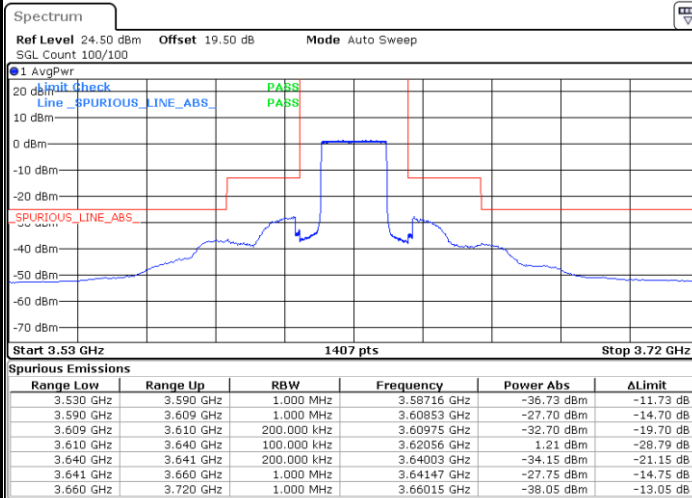
Date: 27 SEP 2025 16:17:37

Middle Channel / 1RBmax



Date: 27 SEP 2025 16:09:53

Middle Channel / FullRB



Date: 27 SEP 2025 16:08:19

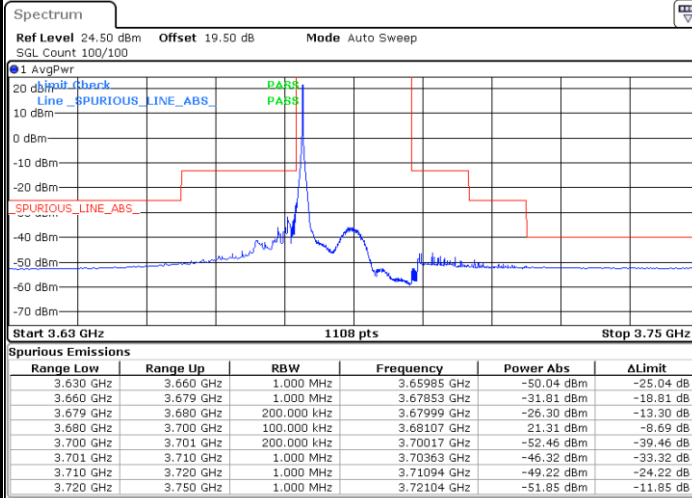
N/A



LTE Band 48 / 20MHz

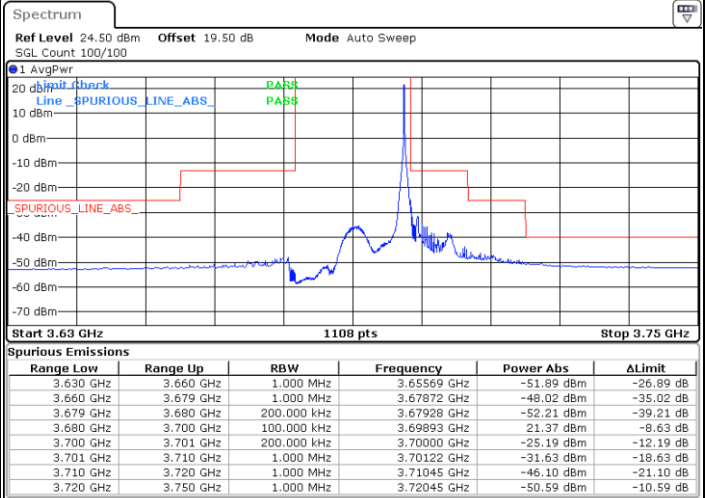
QPSK

Highest Channel / 1RB0



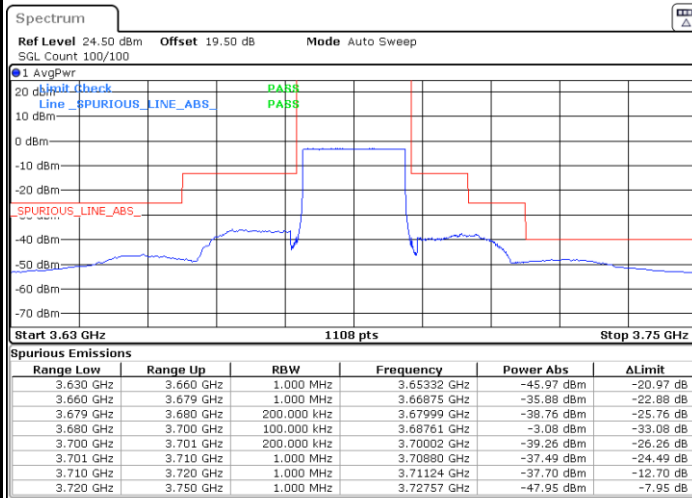
Date: 27 SEP 2025 09:59:57

Highest Channel / 1RBmax



Date: 27 SEP 2025 10:06:11

Highest Channel / FullRB



Date: 7 NOV 2025 11:20:48

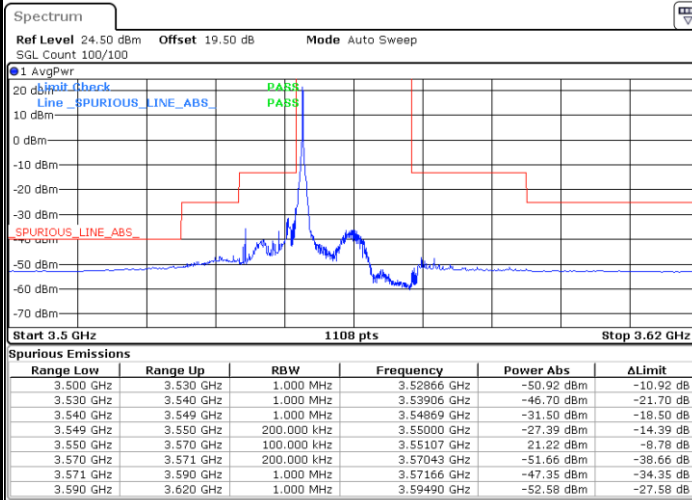
N/A



LTE Band 48 / 20MHz

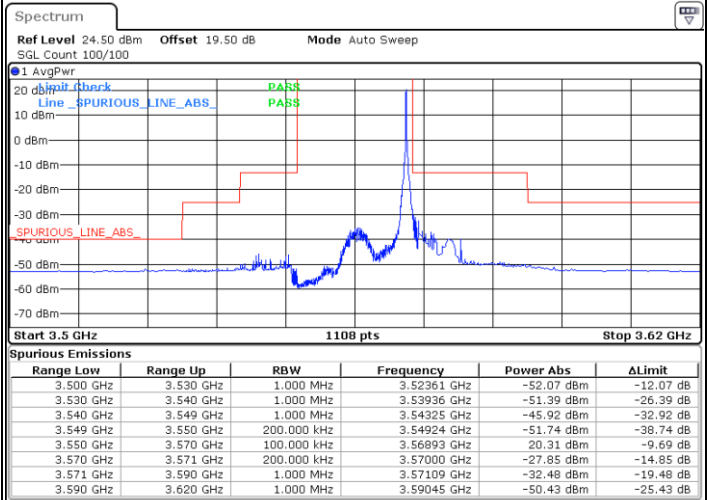
16QAM

Lowest Channel / 1RB0



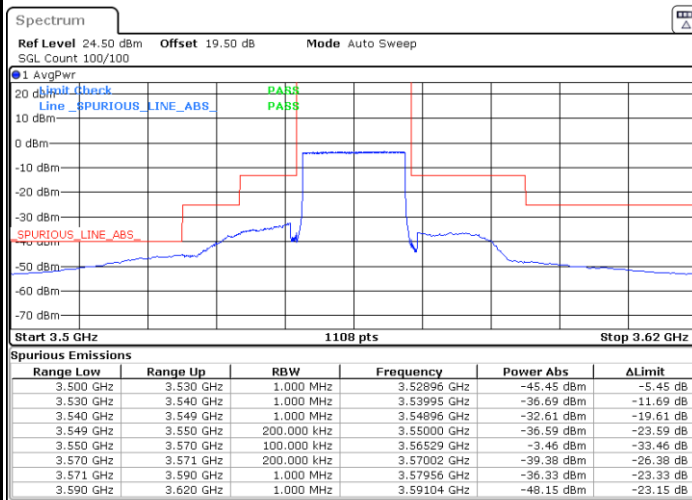
Date: 27 SEP 2025 09:49:54

Lowest Channel / 1RBmax



Date: 27 SEP 2025 09:53:40

Lowest Channel / FullIRB



Date: 7 NOV 2025 11:17:19

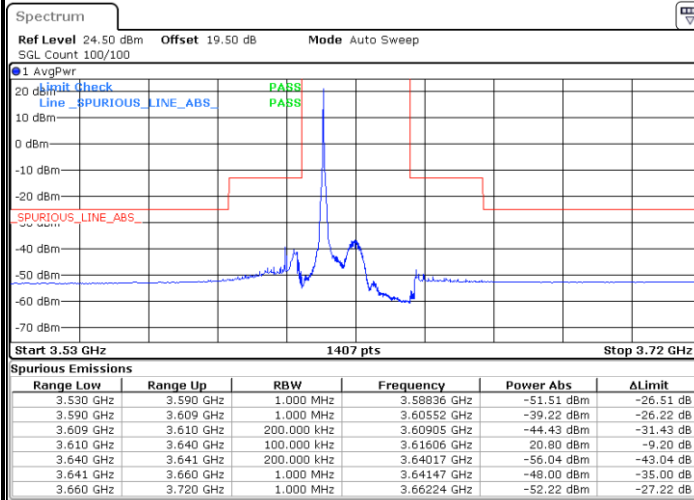
N/A



LTE Band 48 / 20MHz

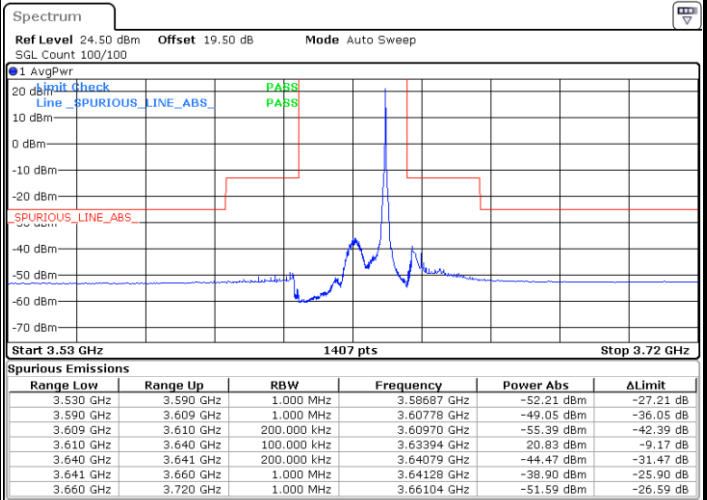
16QAM

Middle Channel / 1RB0



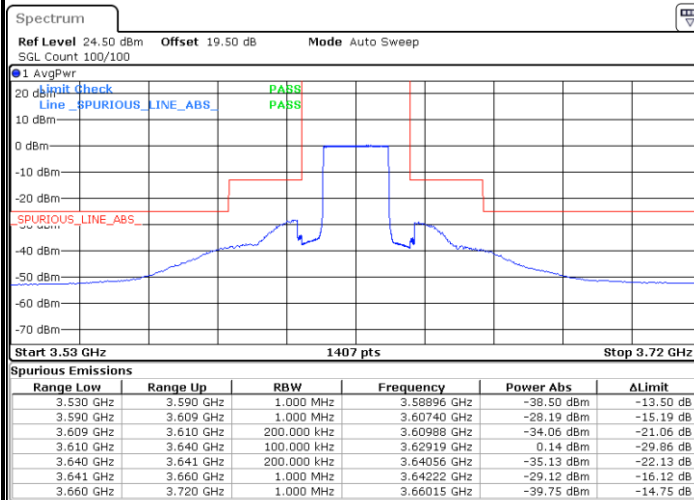
Date: 27 SEP 2025 16:16:04

Middle Channel / 1RBmax



Date: 27 SEP 2025 16:11:25

Middle Channel / FullRB



Date: 27 SEP 2025 16:06:46

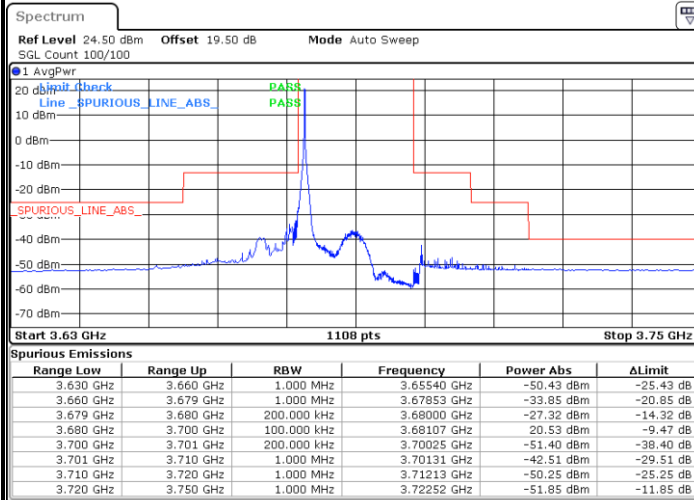
N/A



LTE Band 48 / 20MHz

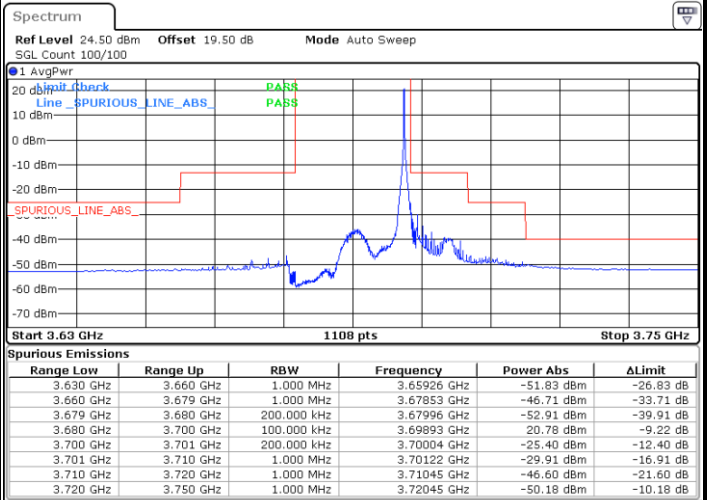
16QAM

Highest Channel / 1RB0



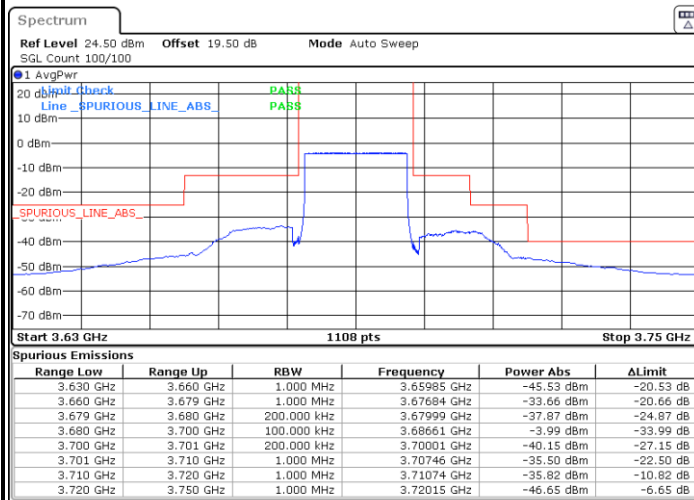
Date: 27 SEP 2025 10:01:12

Highest Channel / 1RBmax



Date: 27 SEP 2025 10:04:56

Highest Channel / FullRB



Date: 7 NOV 2025 11:23:18

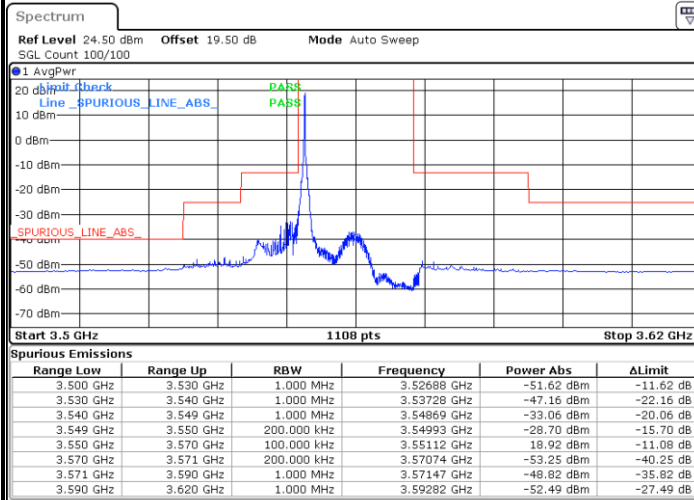
N/A



LTE Band 48 / 20MHz

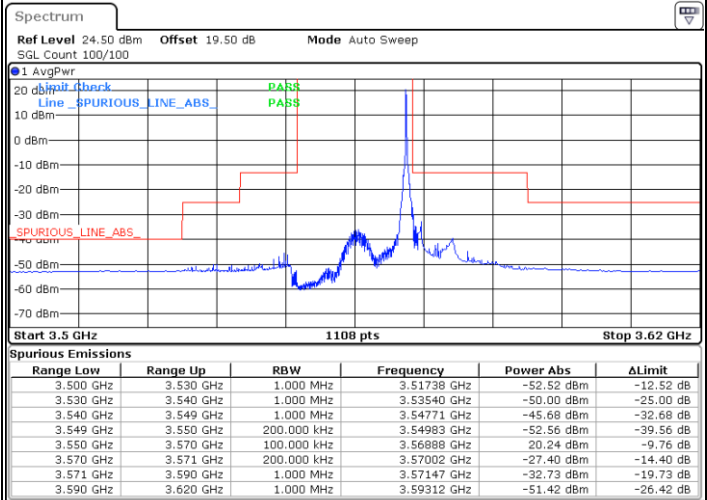
64QAM

Lowest Channel / 1RB0



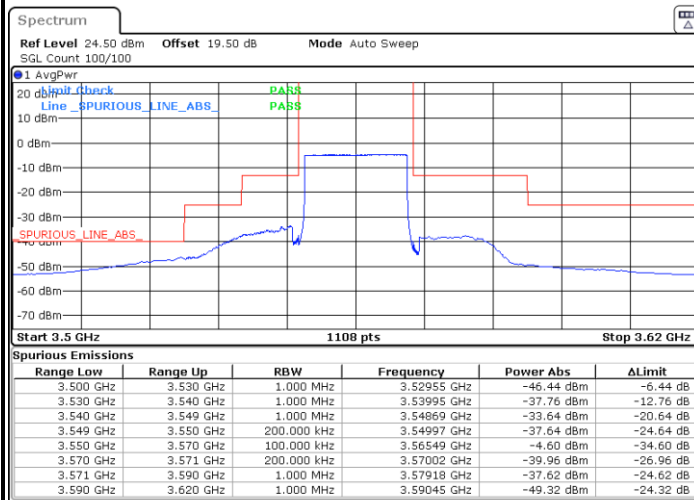
Date: 27 SEP 2025 09:51:09

Lowest Channel / 1RBmax



Date: 27 SEP 2025 09:52:24

Lowest Channel / FullIRB



Date: 7 NOV 2025 11:18:58

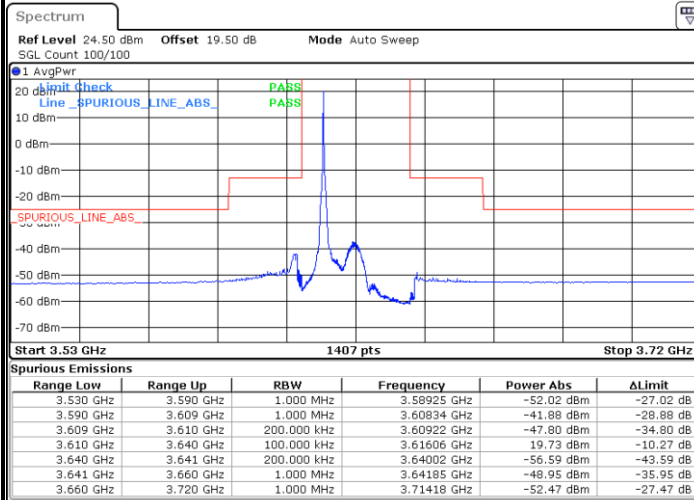
N/A



LTE Band 48 / 20MHz

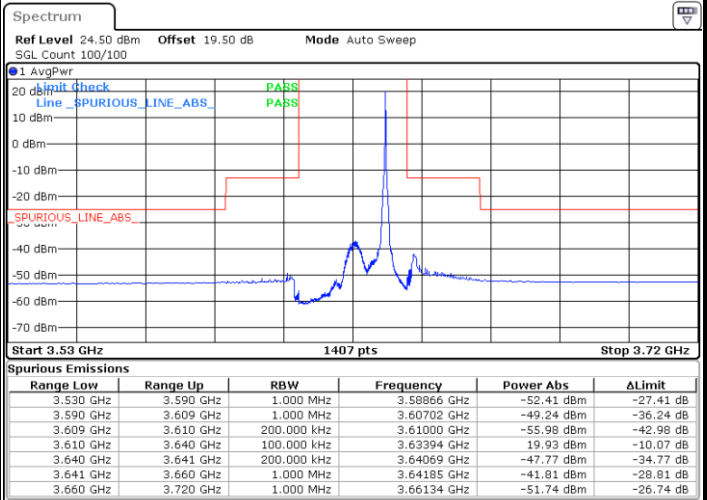
64QAM

Middle Channel / 1RB0



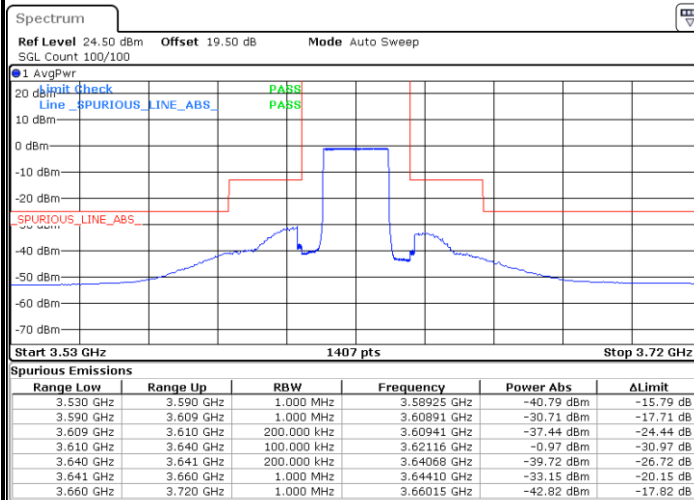
Date: 27 SEP 2025 16:14:31

Middle Channel / 1RBmax



Date: 27 SEP 2025 16:12:58

Middle Channel / FullRB



Date: 27 SEP 2025 16:05:13

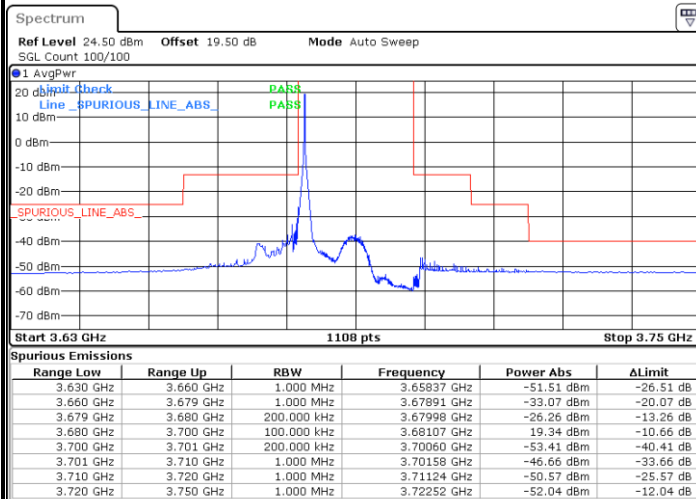
N/A



LTE Band 48 / 20MHz

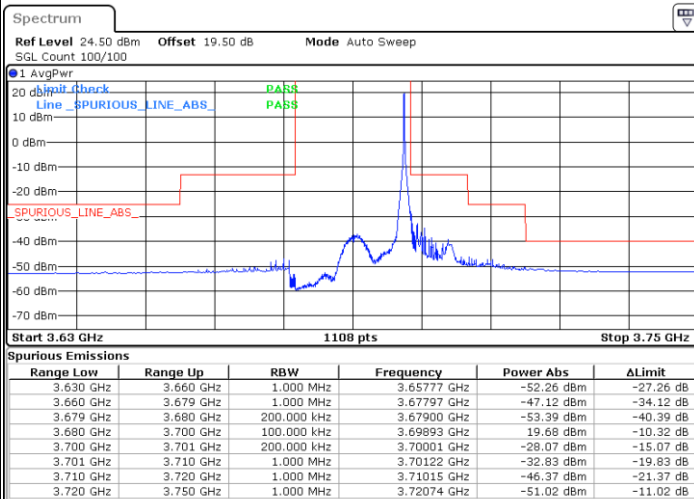
64QAM

Highest Channel / 1RB0



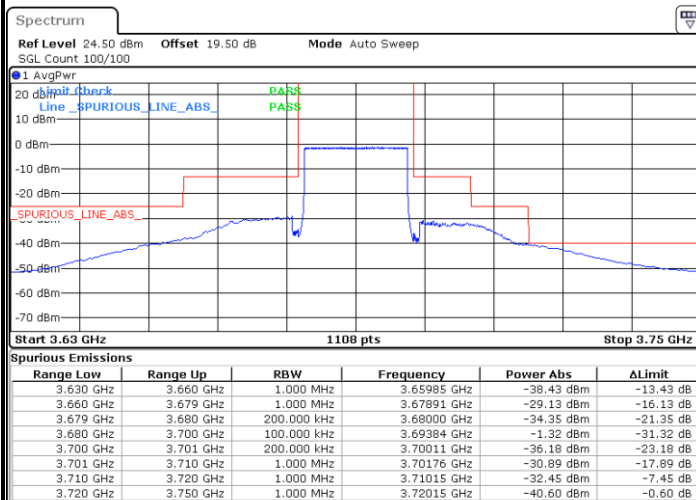
Date: 27 SEP 2025 10:02:27

Highest Channel / 1RBmax



Date: 27 SEP 2025 10:03:41

Highest Channel / FullRB



Date: 27 SEP 2025 10:09:57

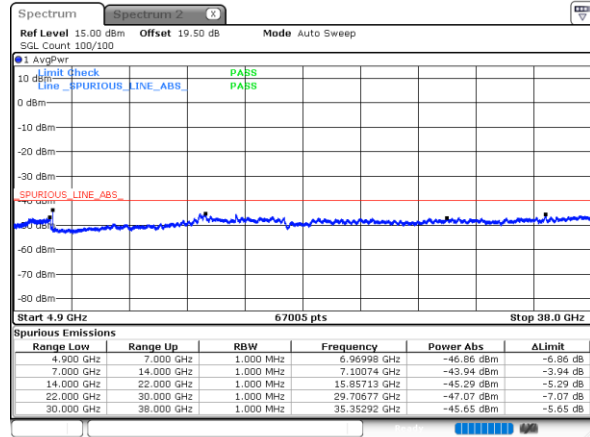
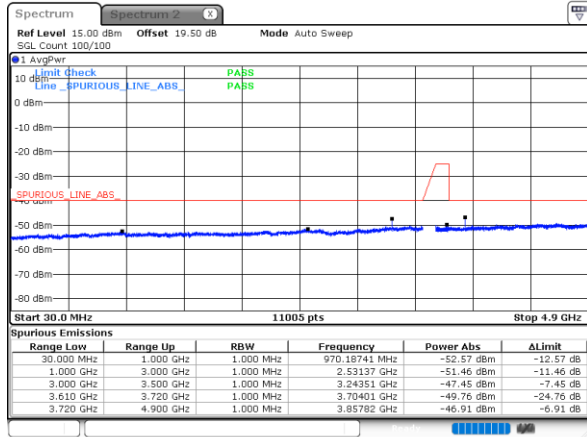
N/A



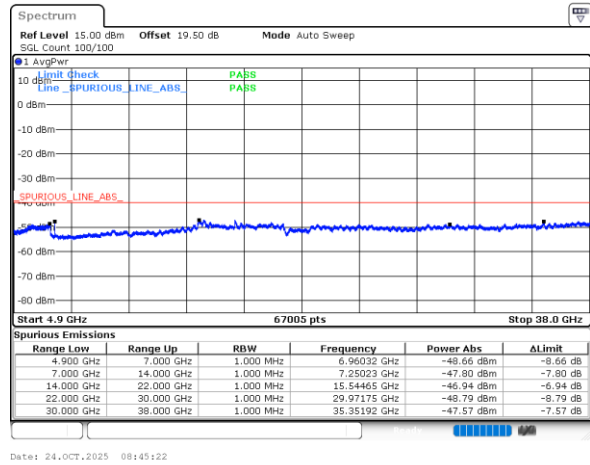
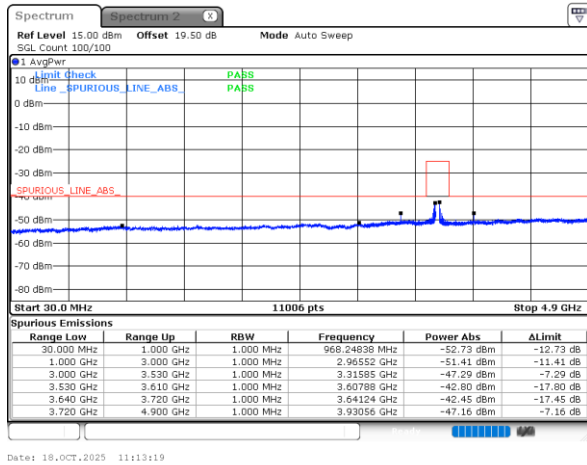
Conducted Spurious Emission

LTE Band 48 / 5MHz

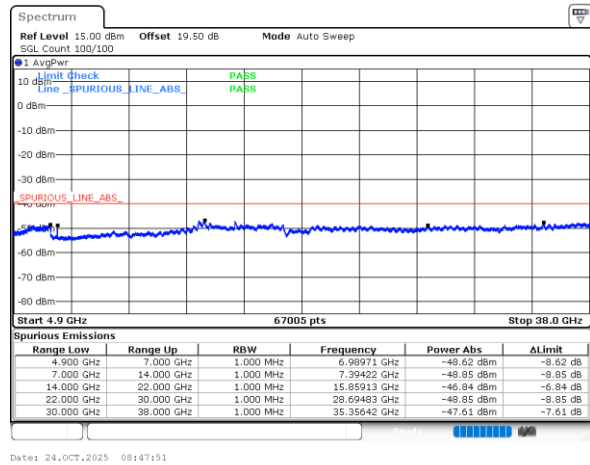
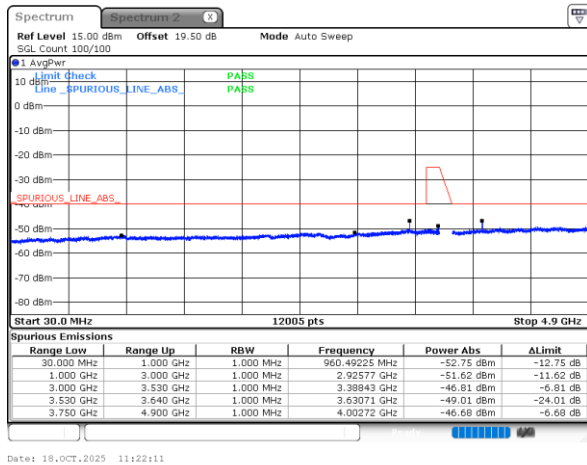
Lowest Channel / QPSK



Middle Channel / QPSK



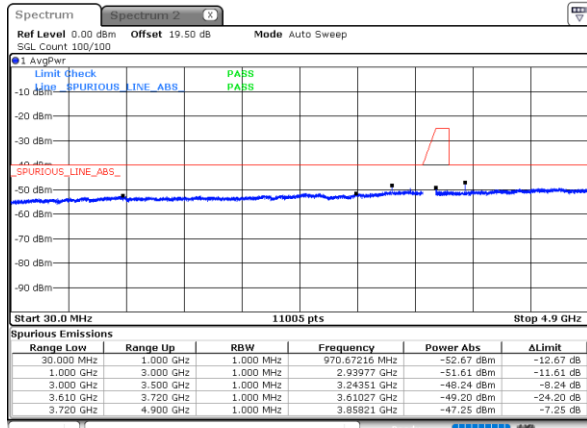
Highest Channel / QPSK



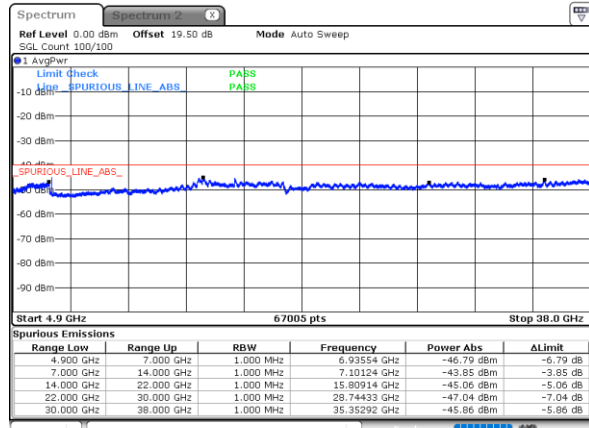


LTE Band 48 / 10MHz

Lowest Channel / QPSK

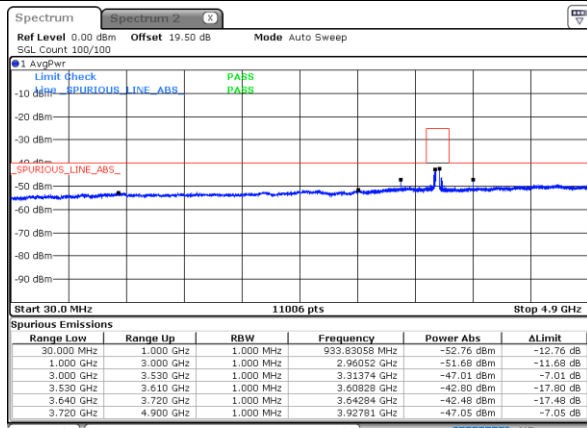


Date: 18.OCT.2025 11:32:00

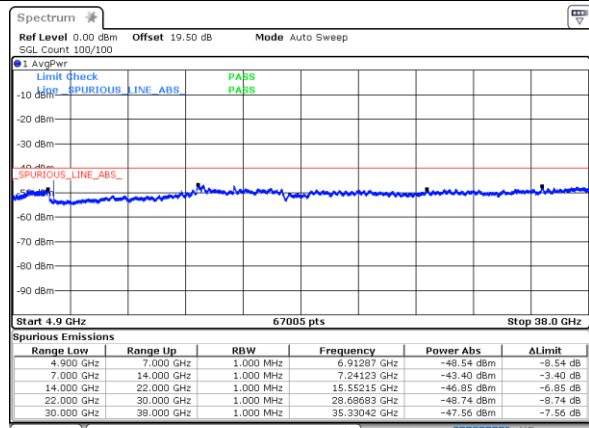


Date: 18.OCT.2025 11:33:03

Middle Channel / QPSK

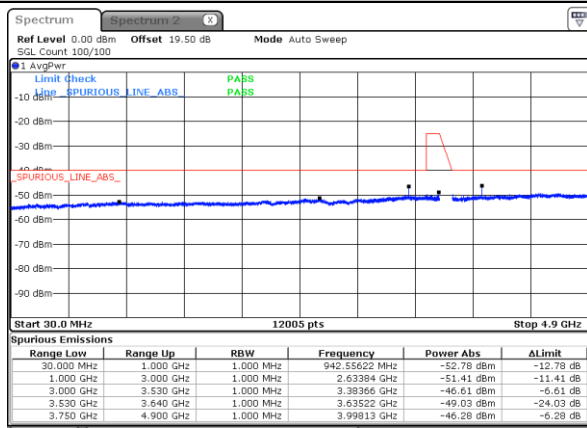


Date: 18.OCT.2025 11:42:09

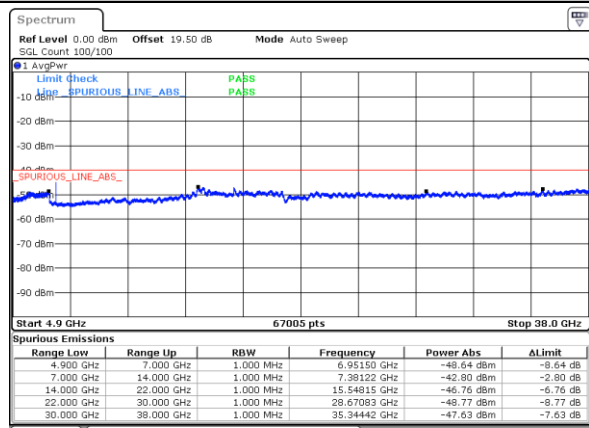


Date: 24.OCT.2025 09:18:18

Highest Channel / QPSK



Date: 18.OCT.2025 11:51:21

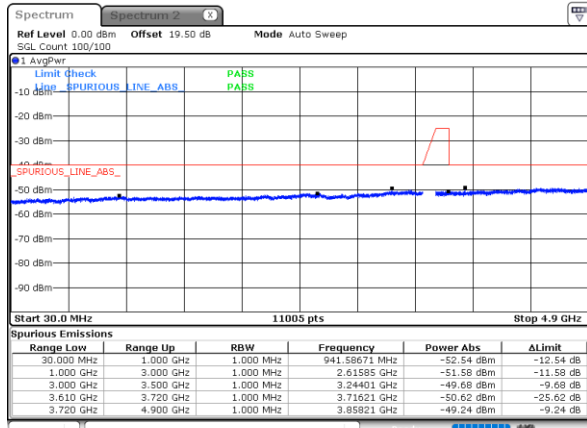


Date: 24.OCT.2025 09:19:53

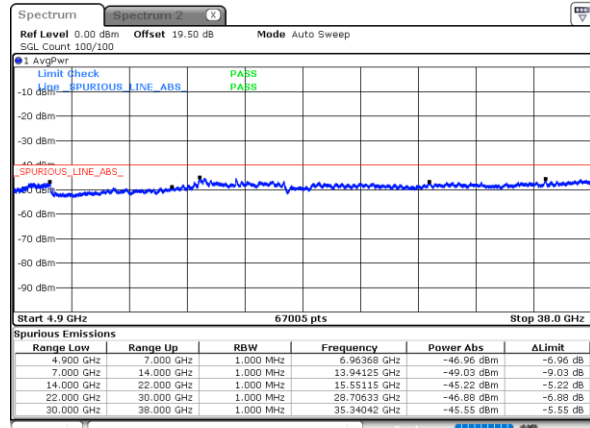


LTE Band 48 / 15MHz

Lowest Channel / QPSK

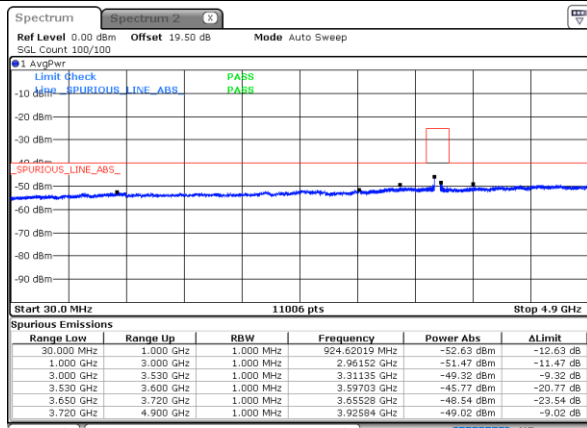


Date: 18.OCT.2025 12:01:13

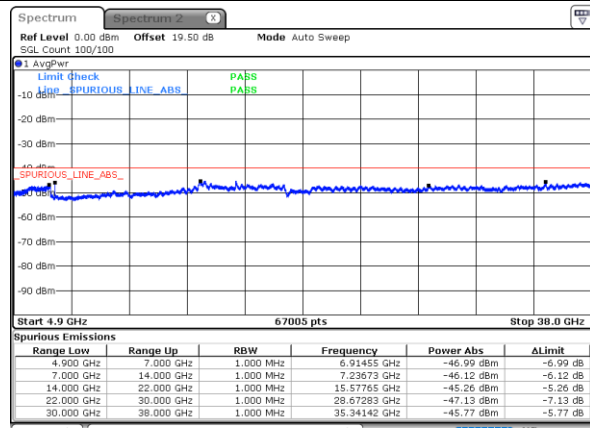


Date: 18.OCT.2025 12:02:16

Middle Channel / QPSK

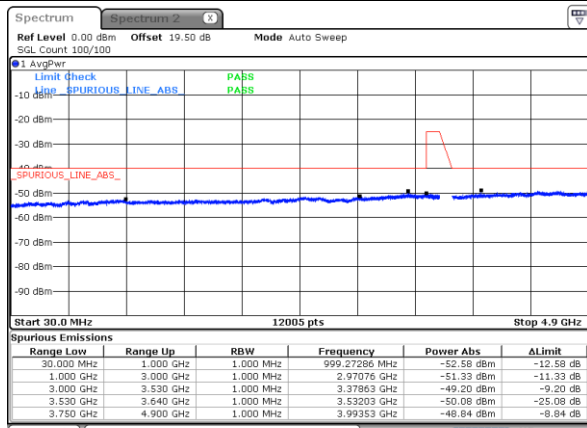


Date: 18.OCT.2025 12:11:23

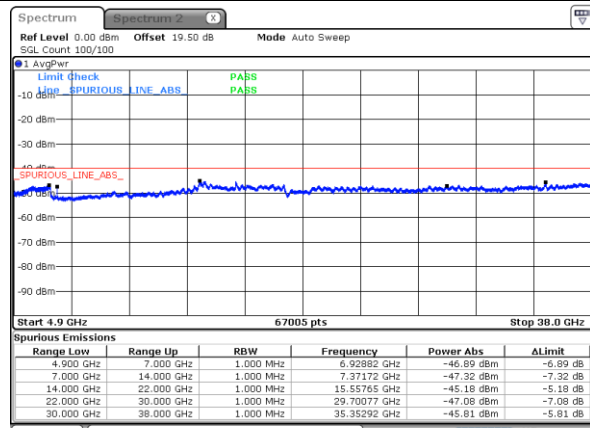


Date: 18.OCT.2025 12:12:26

Highest Channel / QPSK



Date: 18.OCT.2025 12:20:37

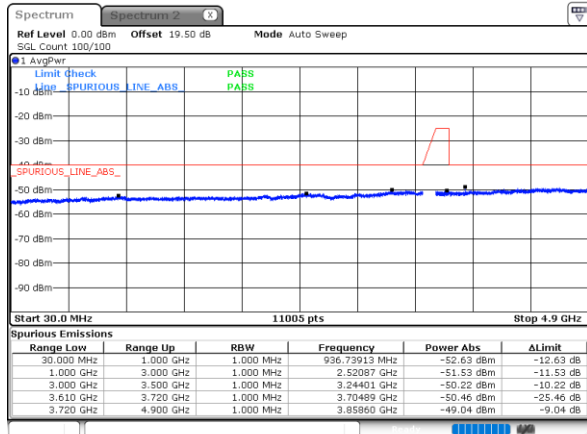


Date: 18.OCT.2025 12:21:40

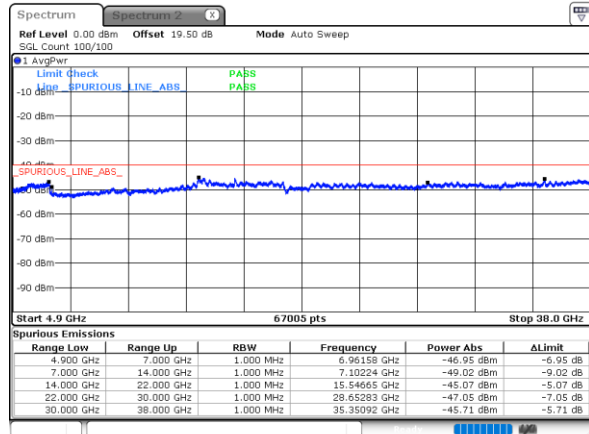


LTE Band 48 / 20MHz

Lowest Channel / QPSK

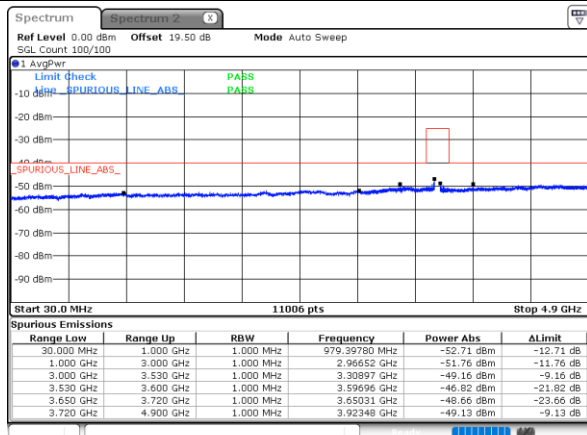


Date: 18.OCT.2025 12:30:09

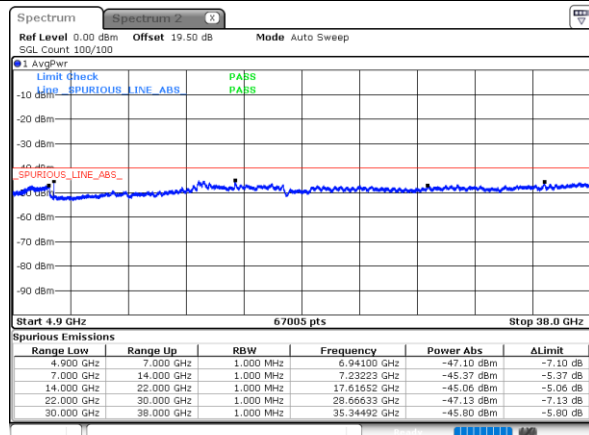


Date: 18.OCT.2025 12:31:12

Middle Channel / QPSK

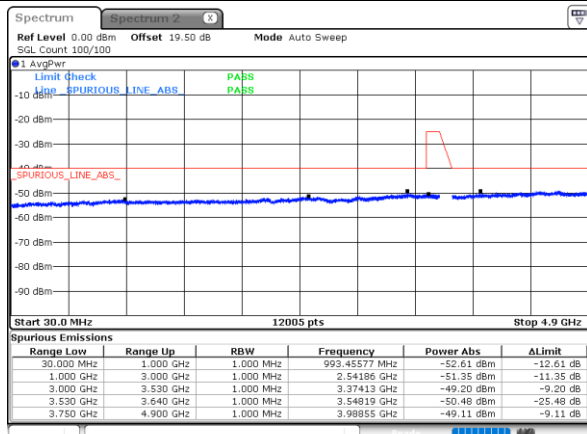


Date: 18.OCT.2025 12:40:22

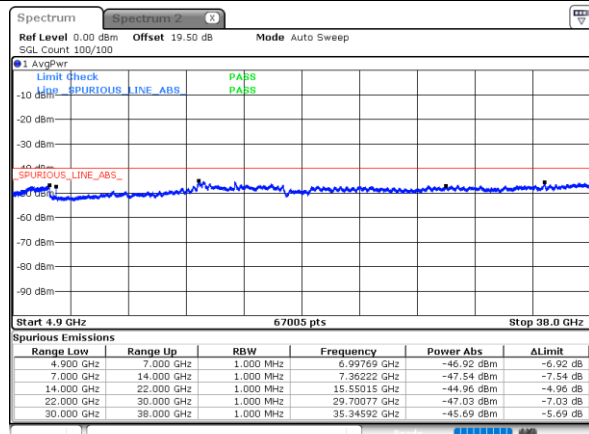


Date: 18.OCT.2025 12:41:26

Highest Channel / QPSK



Date: 18.OCT.2025 12:50:30



Date: 18.OCT.2025 12:51:33

Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	4.5	PASS
40	Normal Voltage	4.9	
30	Normal Voltage	3.8	
20(Ref.)	Normal Voltage	5.4	
10	Normal Voltage	4.2	
0	Normal Voltage	4.6	
-10	Normal Voltage	5.1	
-20	Normal Voltage	5.0	
-30	Normal Voltage	4.6	
20	Maximum Voltage	4.7	
20	Normal Voltage	5.4	
20	Battery End Point	3.9	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (ACLRP) = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$$|\text{MAX}(\Delta f)| = 5.4\text{Hz}$$

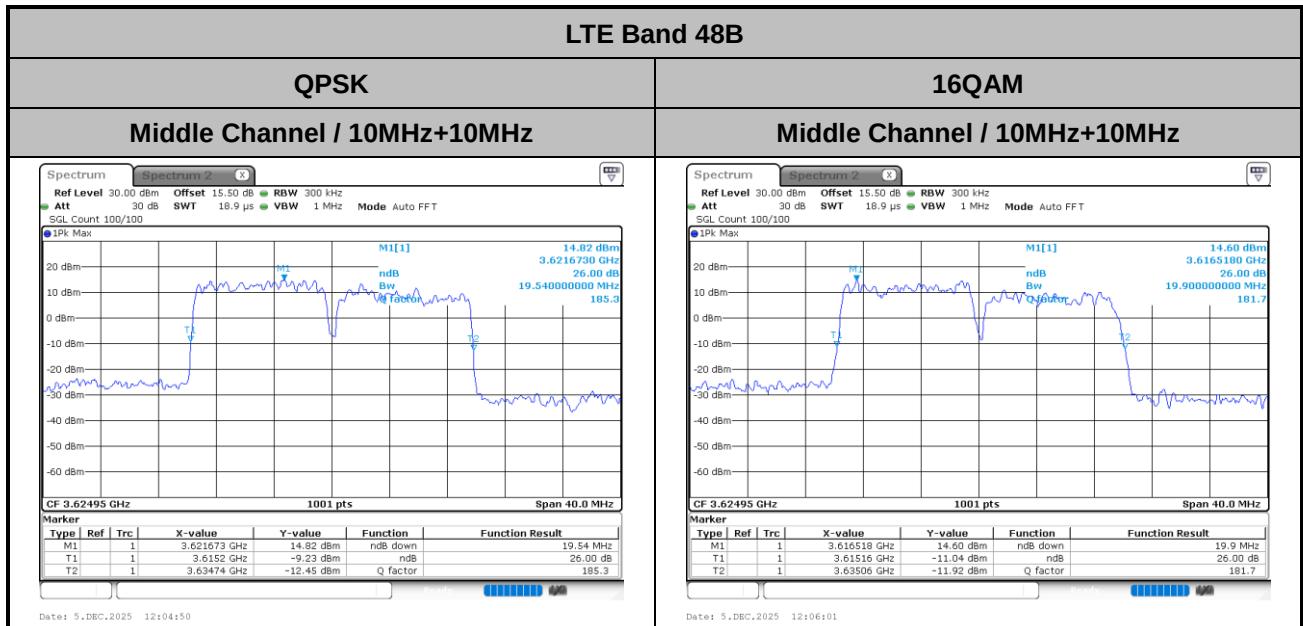
Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	3550.252195	$\geq 3550 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	3699.757705	$\leq 3700 \text{ MHz}$	



LTE Band 48B

26dB Bandwidth

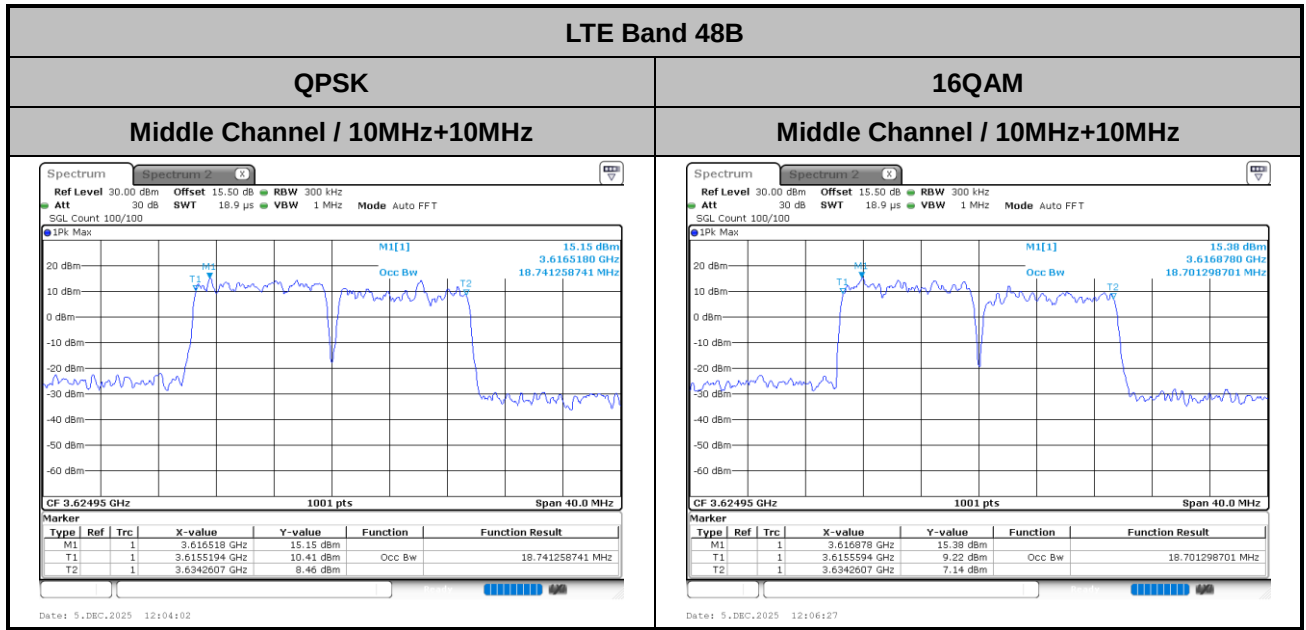
Mode	LTE Band 48B : 26dB BW(MHz)	
	10MHz+10MHz	
BW	QPSK	16QAM
Middle CH	19.54	19.90





Occupied Bandwidth

Mode	LTE Band 48B : 99%OBW(MHz)	
	10MHz+10MHz	
BW	QPSK	16QAM
Middle CH	18.74	18.70





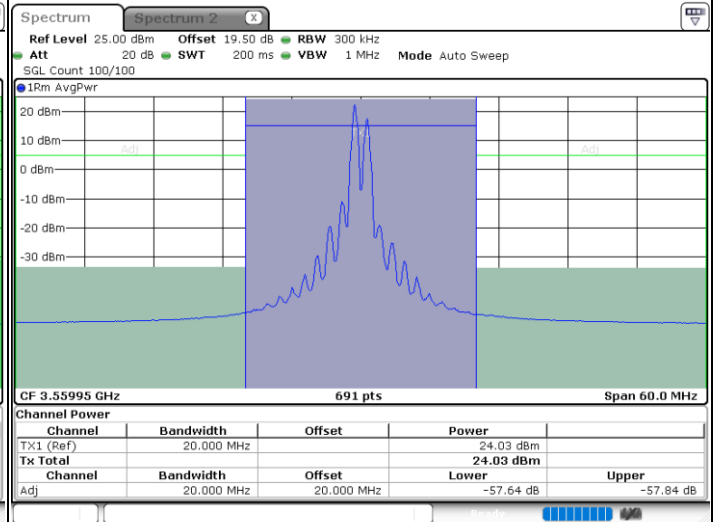
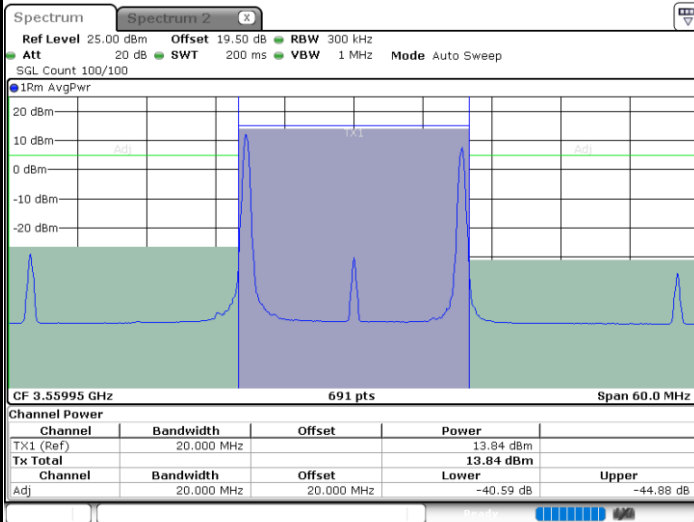
ACLR

LTE Band 48B / 10MHz+10MHz

QPSK

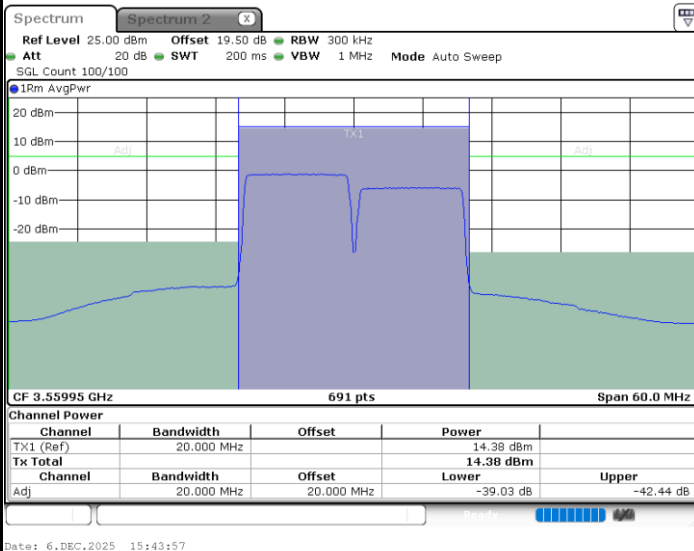
Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



Lowest Channel / FullRB

N/A



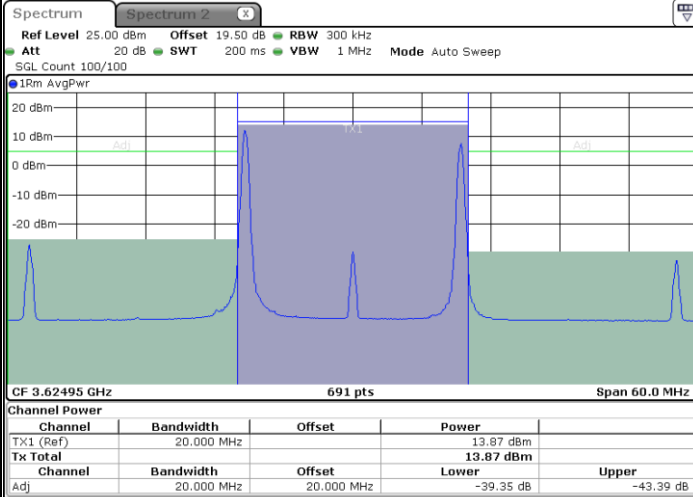


LTE Band 48B / 10MHz+10MHz

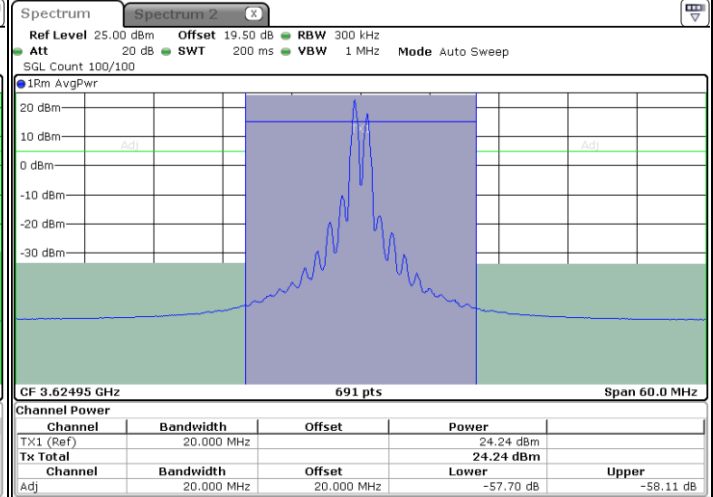
QPSK

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



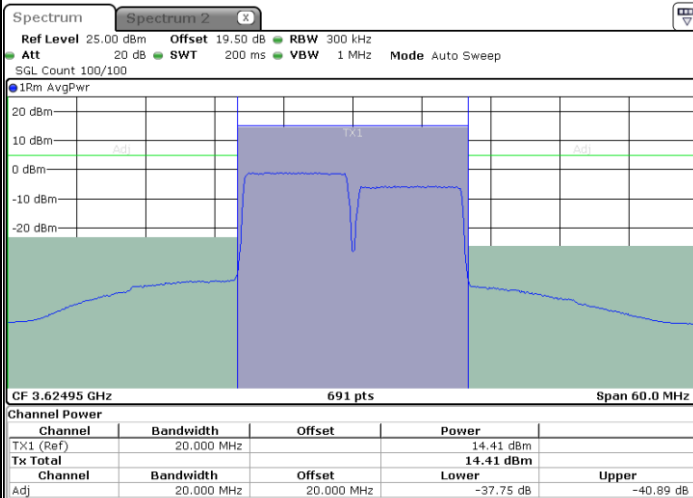
Date: 5, DEC. 2025 12:12:04



Date: 5, DEC. 2025 12:12:49

Middle Channel / FullRB

N/A



Date: 6, DEC. 2025 15:38:05

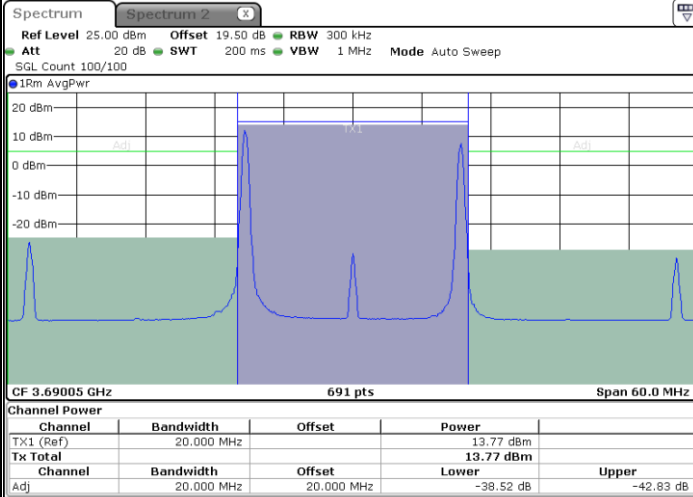


LTE Band 48B / 10MHz+10MHz

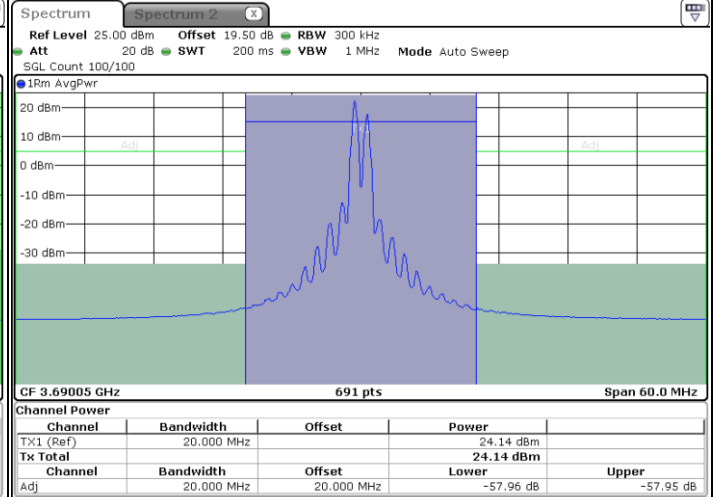
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



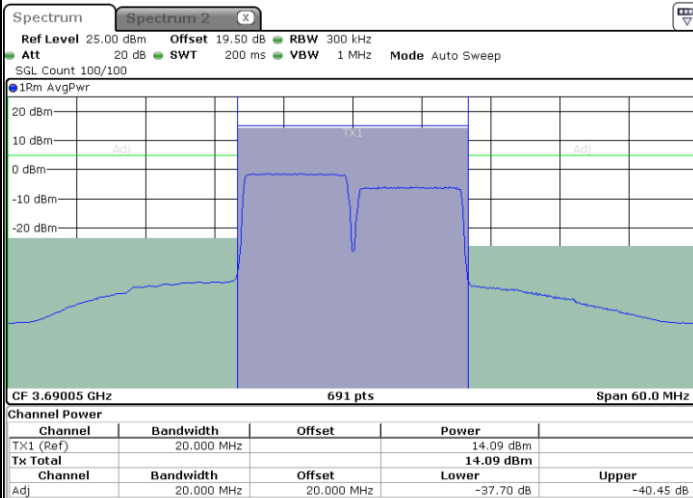
Date: 5, DEC. 2025 12:40:03



Date: 5, DEC. 2025 12:40:47

Highest Channel / FullRB

N/A



Date: 6, DEC. 2025 15:49:49