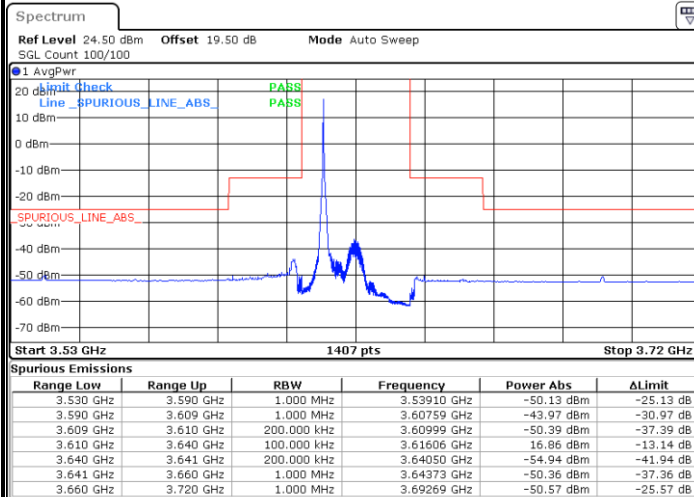




LTE Band 48 / 20MHz

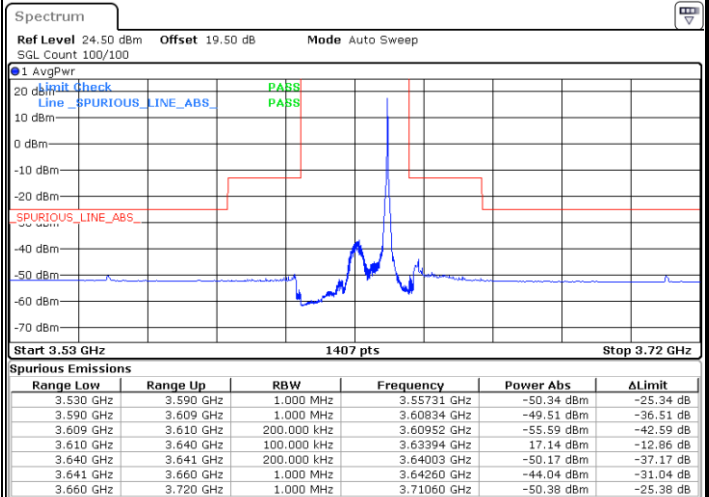
16QAM

Middle Channel / 1RB0



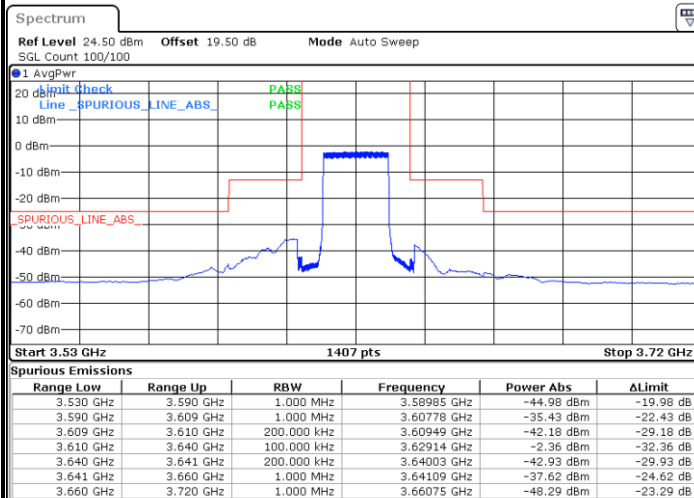
Date: 10.DEC.2025 15:19:11

Middle Channel / 1RBmax



Date: 10.DEC.2025 15:24:14

Middle Channel / FullRB



Date: 10.DEC.2025 15:14:14

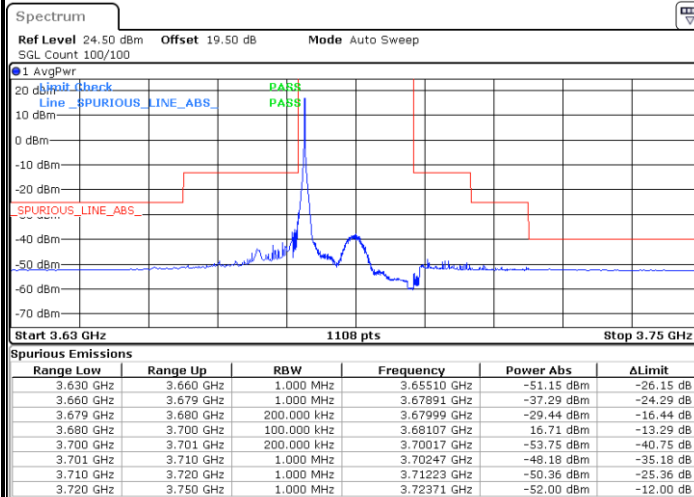
N/A



LTE Band 48 / 20MHz

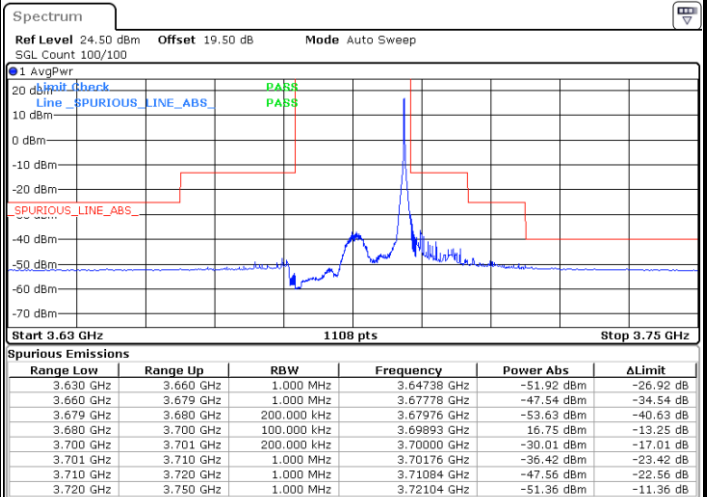
16QAM

Highest Channel / 1RB0



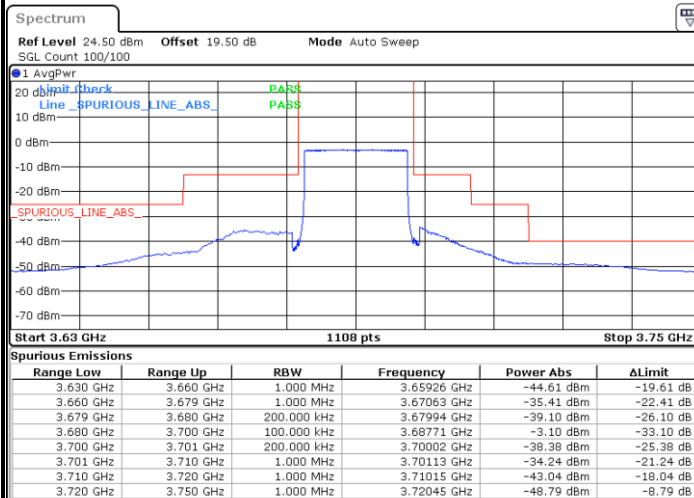
Date: 10.DEC.2025 15:46:44

Highest Channel / 1RBmax



Date: 10.DEC.2025 15:51:03

Highest Channel / FullRB



Date: 10.DEC.2025 15:42:38

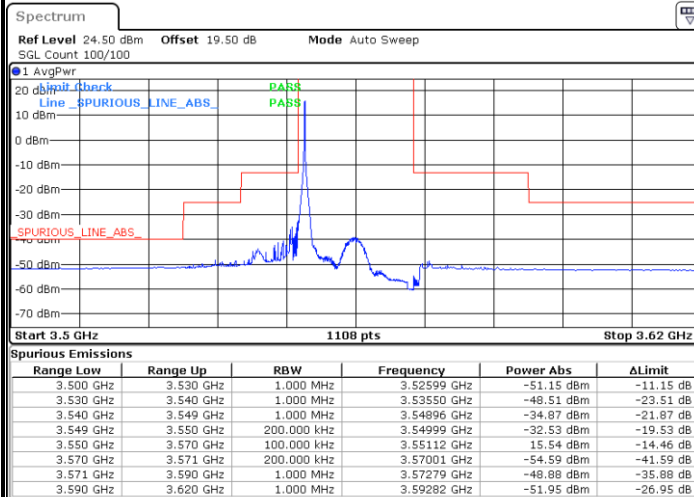
N/A



LTE Band 48 / 20MHz

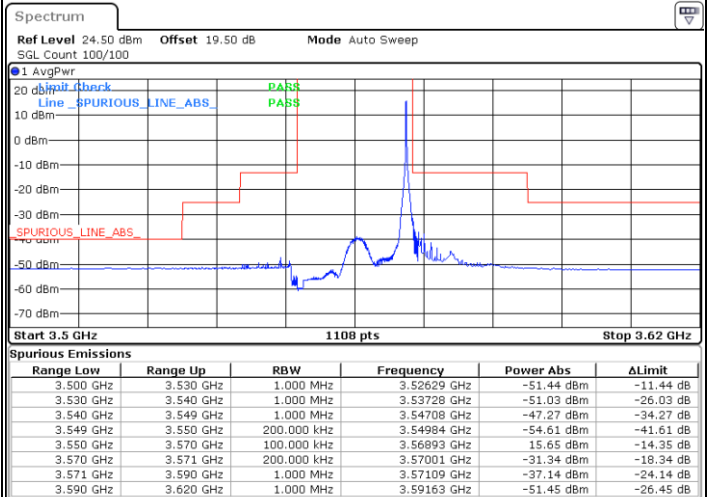
64QAM

Lowest Channel / 1RB0



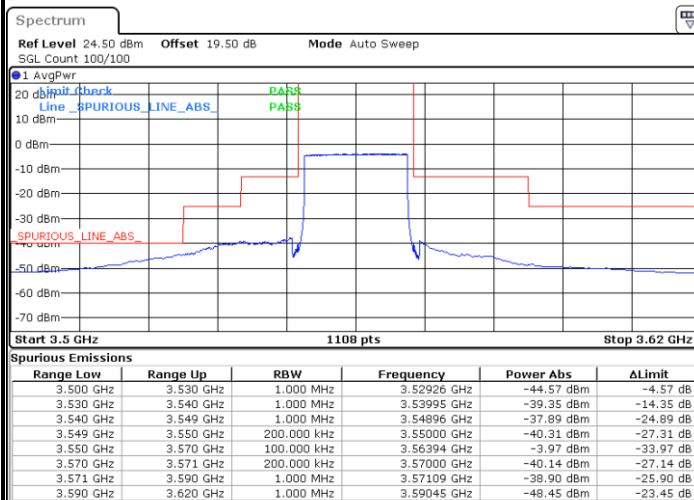
Date: 10.DEC.2025 15:33:55

Lowest Channel / 1RBmax



Date: 10.DEC.2025 15:27:52

Lowest Channel / FullIRB



Date: 10.DEC.2025 15:35:06

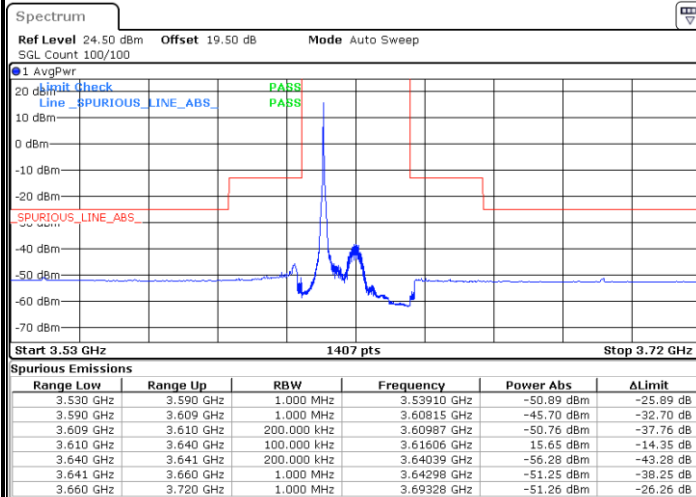
N/A



LTE Band 48 / 20MHz

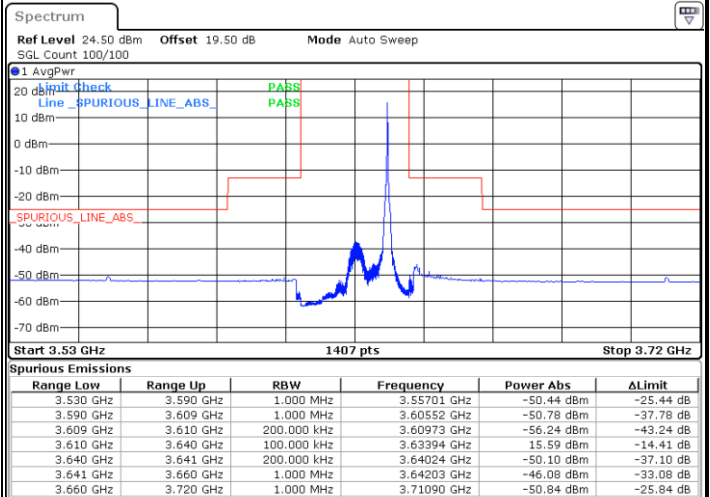
64QAM

Middle Channel / 1RB0



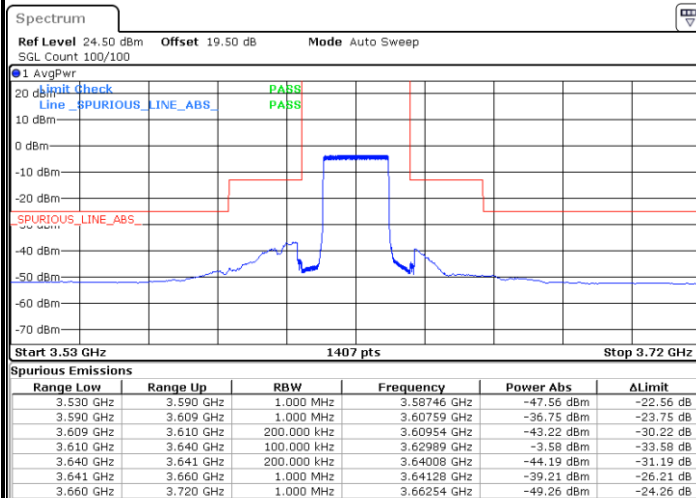
Date: 10.DEC.2025 15:17:22

Middle Channel / 1RBmax



Date: 10.DEC.2025 15:25:50

Middle Channel / FullRB



Date: 10.DEC.2025 15:15:43

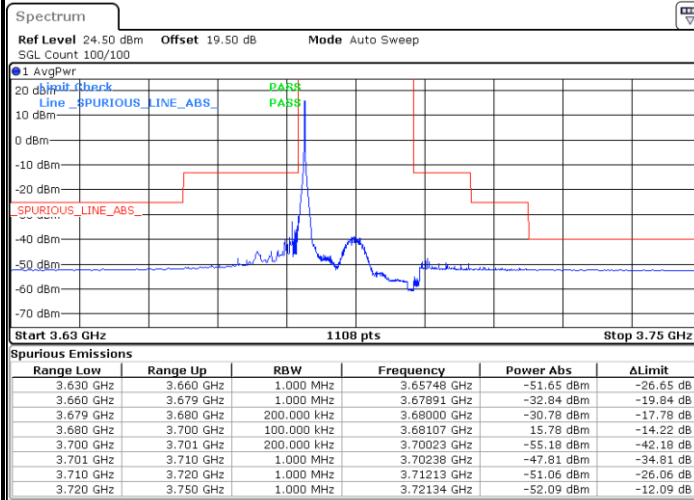
N/A



LTE Band 48 / 20MHz

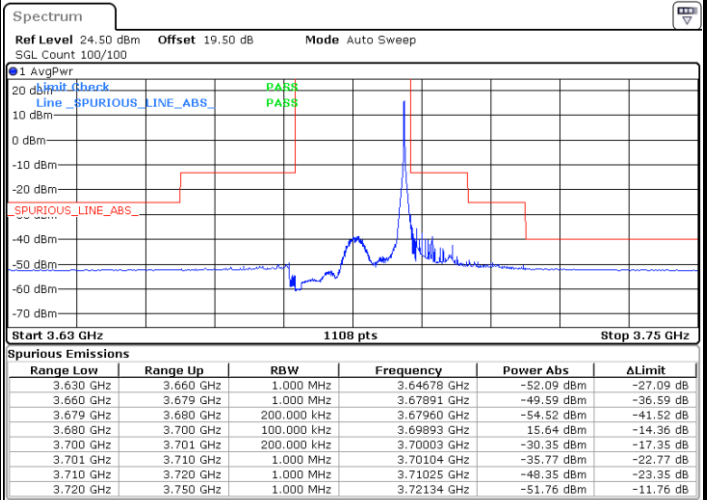
64QAM

Highest Channel / 1RB0



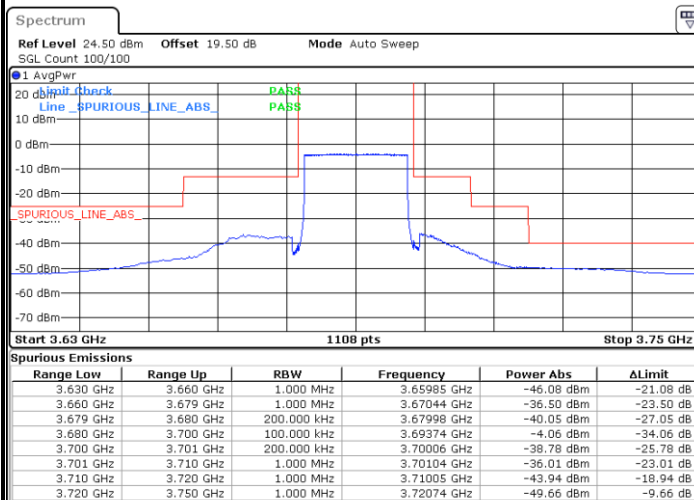
Date: 10.DEC.2025 15:45:34

Highest Channel / 1RBmax



Date: 10.DEC.2025 15:52:32

Highest Channel / FullRB



Date: 10.DEC.2025 15:43:54

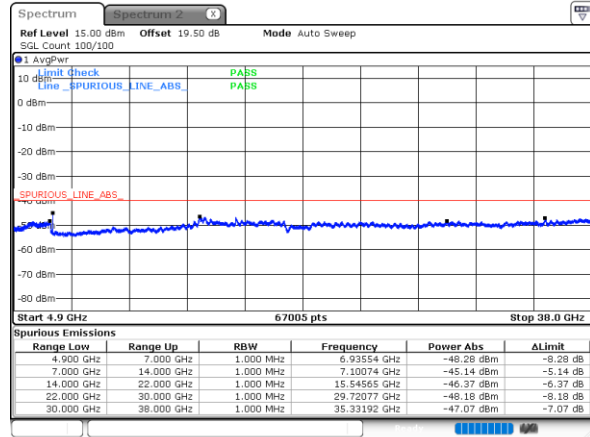
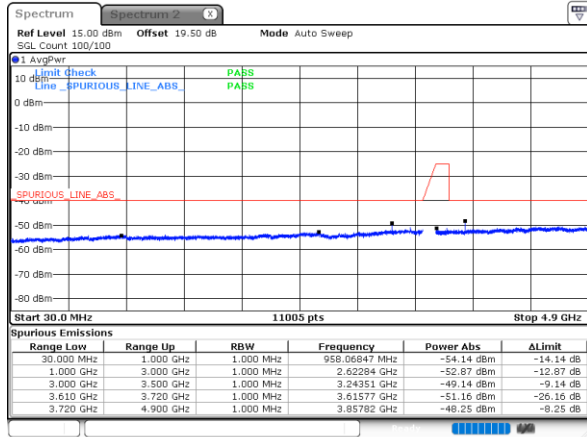
N/A



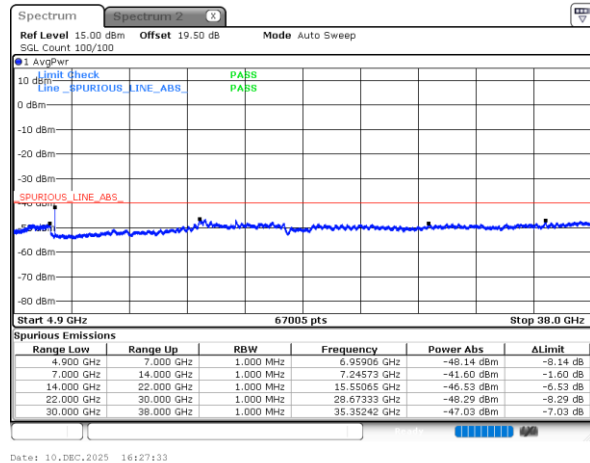
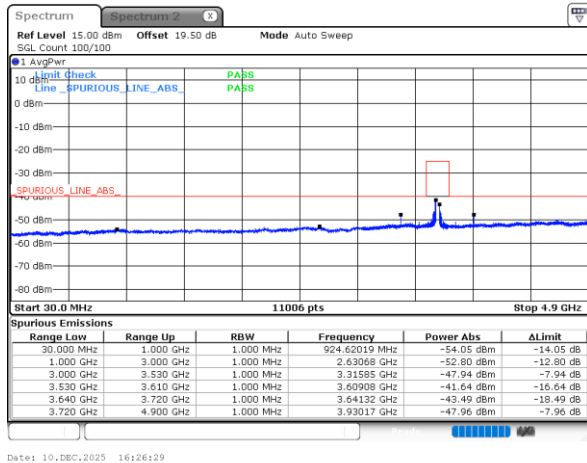
Conducted Spurious Emission

LTE Band 48 / 5MHz

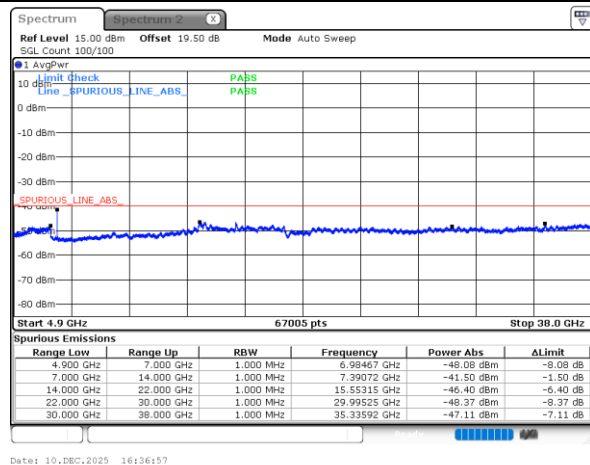
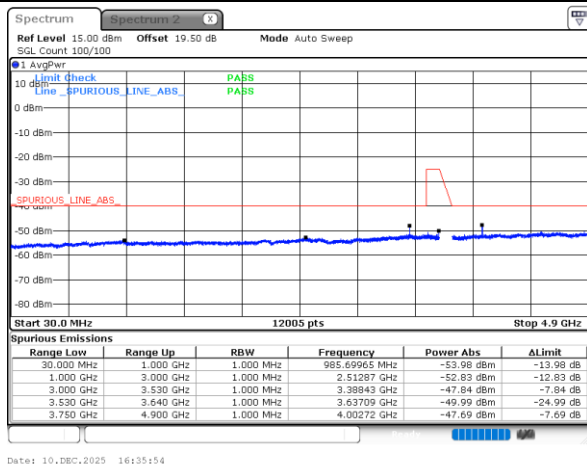
Lowest Channel / QPSK



Middle Channel / QPSK



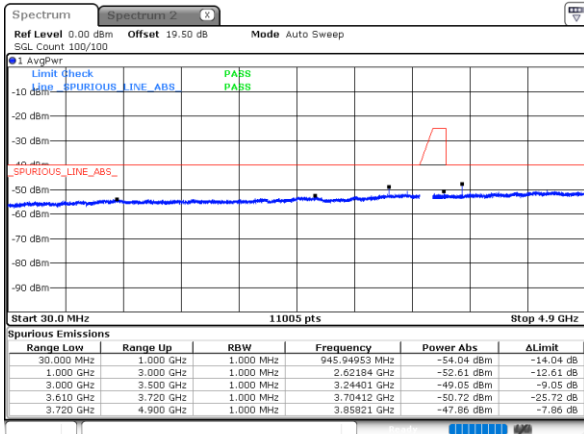
Highest Channel / QPSK



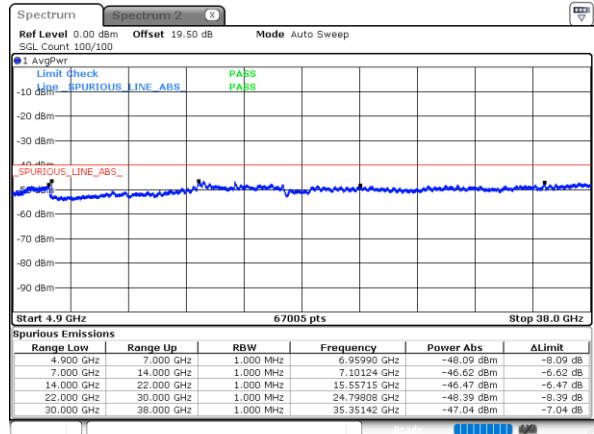


LTE Band 48 / 10MHz

Lowest Channel / QPSK

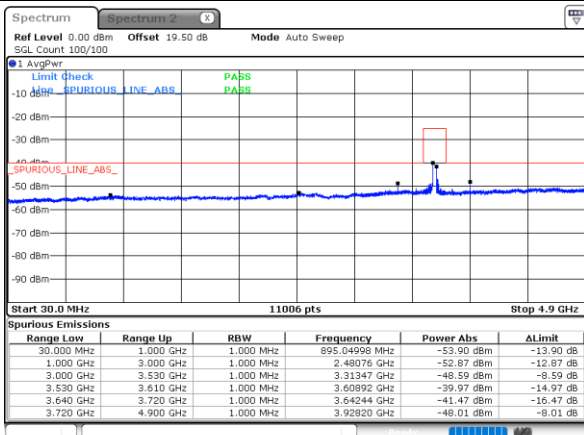


Date: 10, DEC, 2025 18:18:09

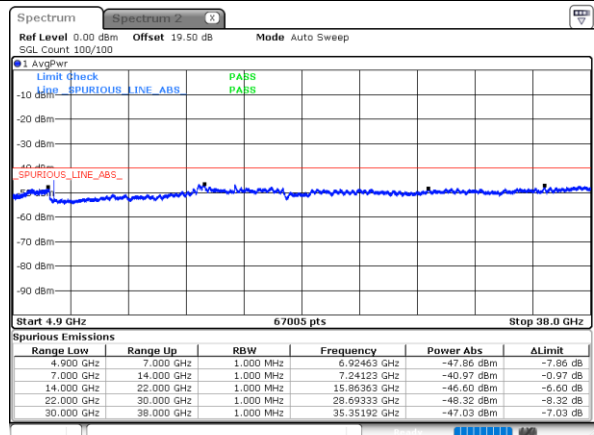


Date: 10, DEC, 2025 18:19:12

Middle Channel / QPSK

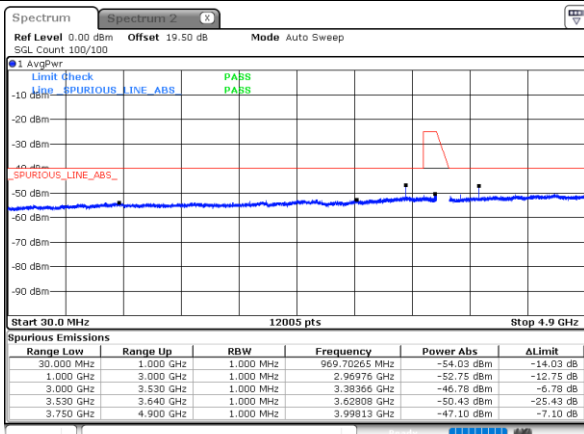


Date: 10, DEC, 2025 18:28:20

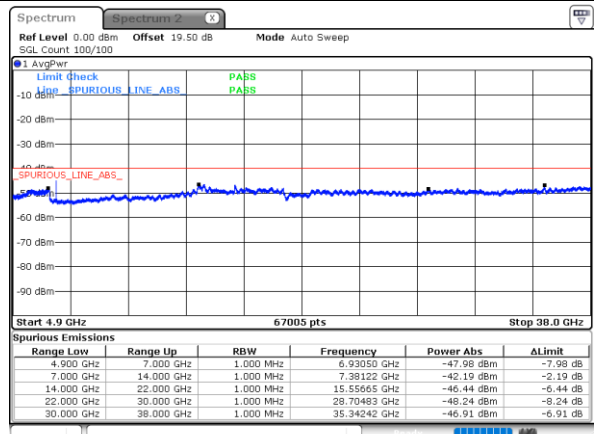


Date: 10, DEC, 2025 18:29:24

Highest Channel / QPSK



Date: 10, DEC, 2025 18:37:34

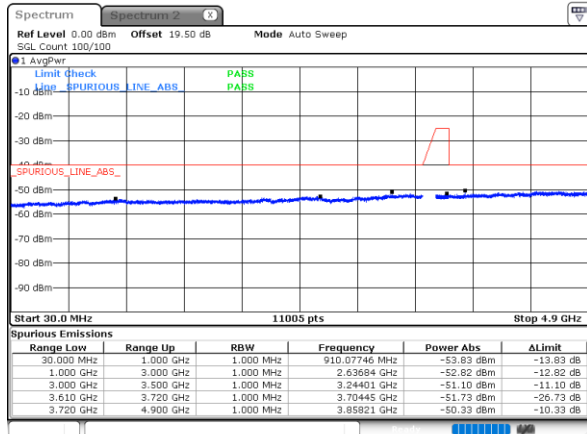


Date: 10, DEC, 2025 18:38:38

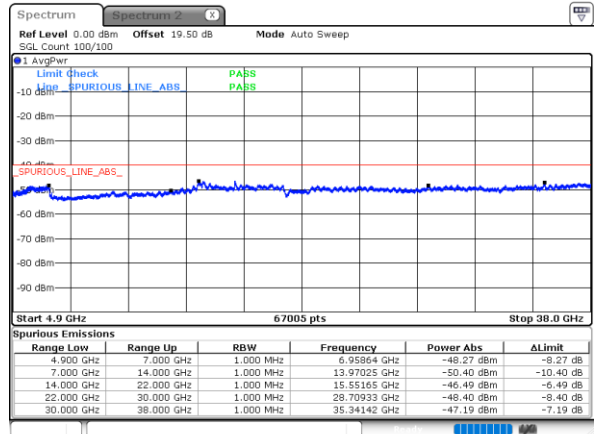


LTE Band 48 / 15MHz

Lowest Channel / QPSK

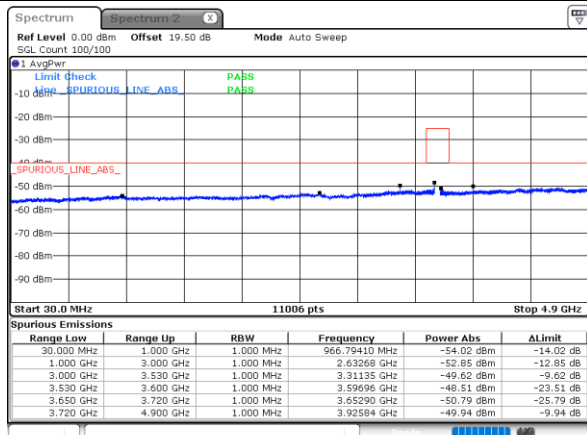


Date: 10.DEC.2025 17:26:15

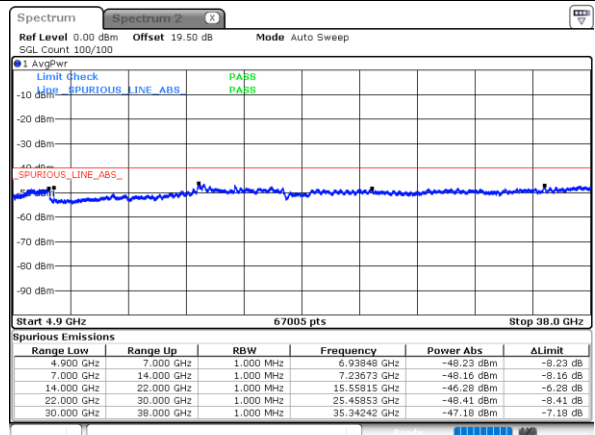


Date: 10.DEC.2025 17:27:18

Middle Channel / QPSK

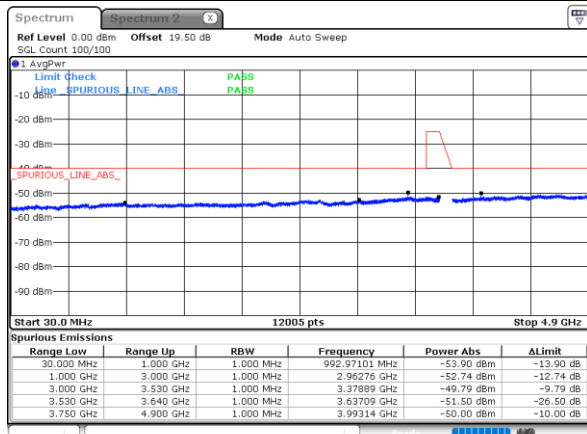


Date: 10.DEC.2025 17:36:32

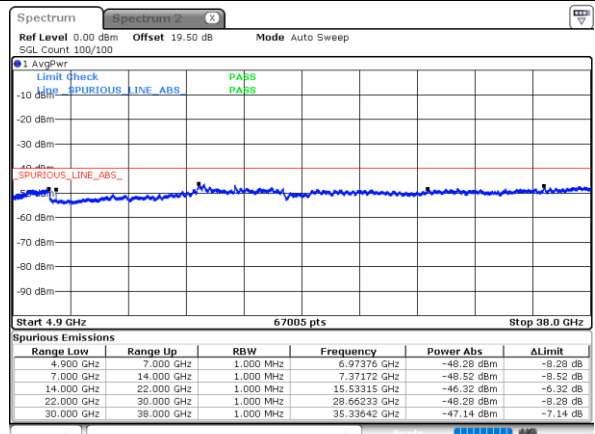


Date: 10.DEC.2025 17:37:36

Highest Channel / QPSK



Date: 10.DEC.2025 17:45:48

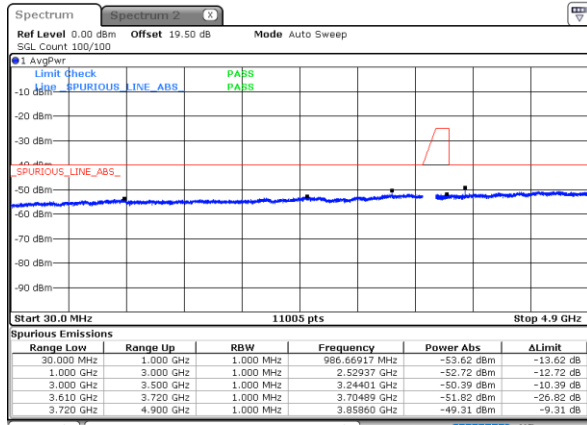


Date: 10.DEC.2025 17:46:52

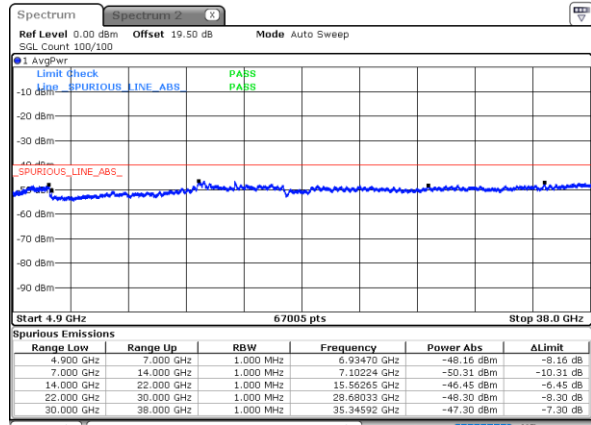


LTE Band 48 / 20MHz

Lowest Channel / QPSK

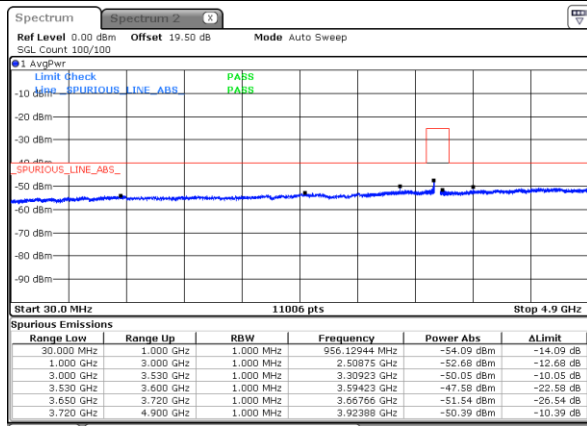


Date: 10, DEC, 2025 16:52:27

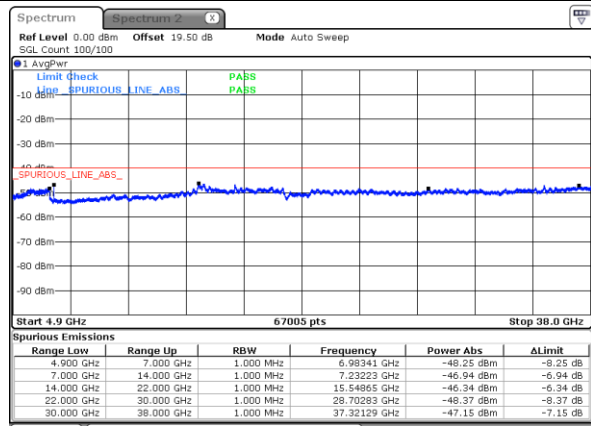


Date: 10, DEC, 2025 16:53:31

Middle Channel / QPSK

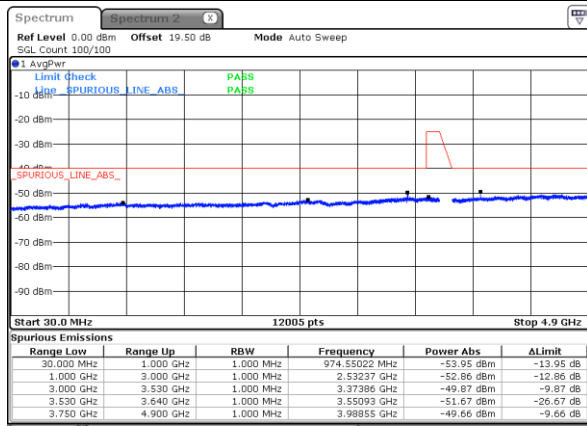


Date: 10, DEC, 2025 17:03:19

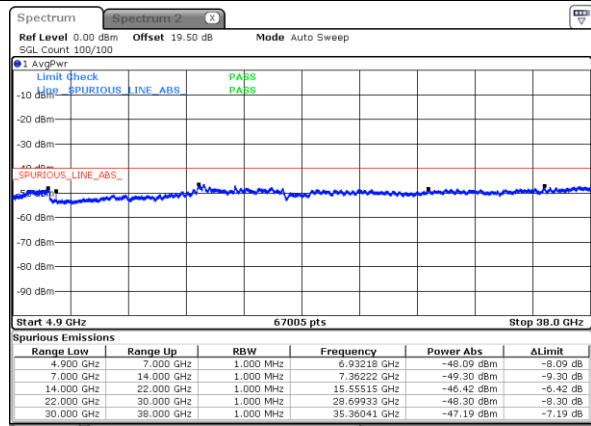


Date: 10, DEC, 2025 17:04:22

Highest Channel / QPSK



Date: 10, DEC, 2025 17:14:06



Date: 10, DEC, 2025 17:15:10

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	2.9	PASS
40	Normal Voltage	1.9	
30	Normal Voltage	2.4	
20(Ref.)	Normal Voltage	2.8	
10	Normal Voltage	2.7	
0	Normal Voltage	2.2	
-10	Normal Voltage	2.1	
-20	Normal Voltage	2.5	
-30	Normal Voltage	1.8	
20	Maximum Voltage	3.4	
20	Normal Voltage	2.8	
20	Battery End Point	3.3	

Note:

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

$$|\text{MAX}(\Delta f)| = 3.4\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	3550.232297	$\geq 3550 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	3699.737803	$\leq 3700 \text{ MHz}$	



LTE Band 48C

26dB Bandwidth

Mode	LTE Band 48C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.93	29.97	34.83	25.18
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.15	34.97	39.80	-

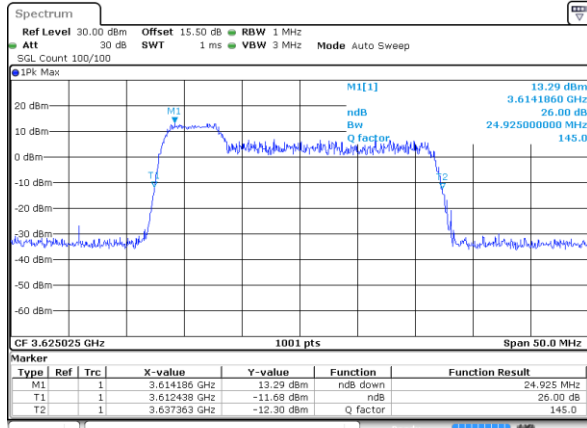
Mode	LTE Band 48C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.83	29.91	34.90	25.03
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	34.90	39.88	-



LTE Band 48C

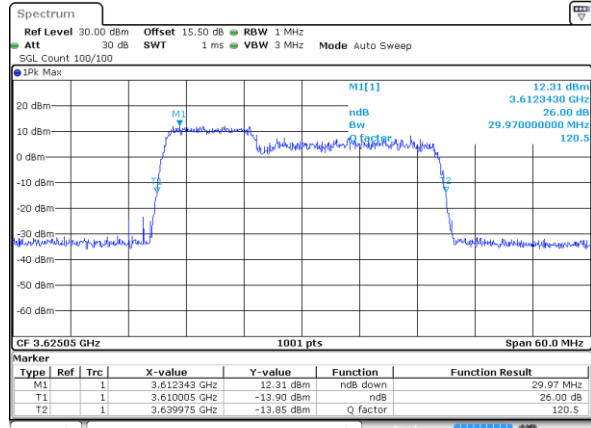
QPSK

Middle Channel / 5MHz+20MHz



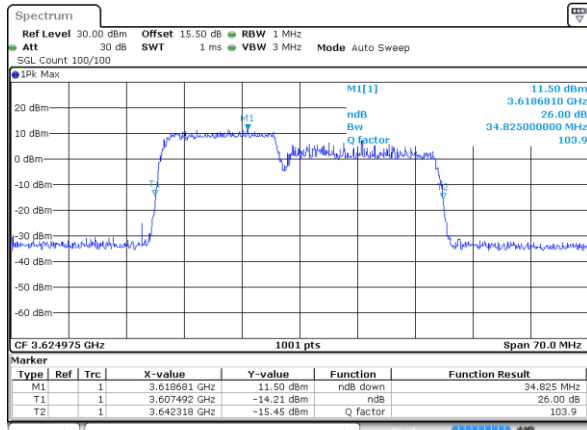
Date: 13.OCT.2025 13:18:56

Middle Channel / 10MHz+20MHz



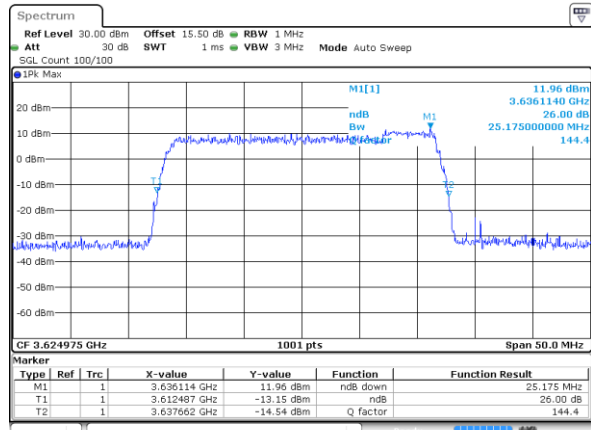
Date: 14.OCT.2025 17:30:26

Middle Channel / 15MHz+20MHz



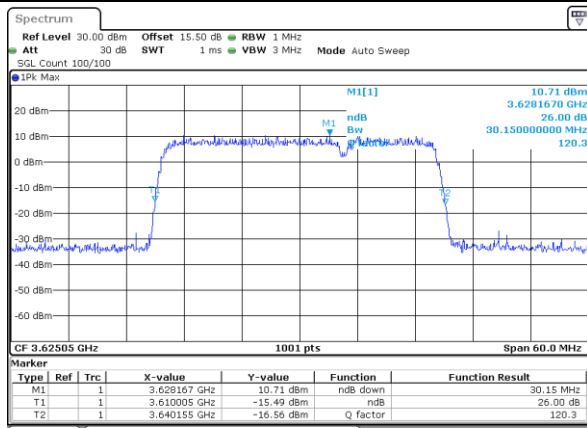
Date: 14.OCT.2025 18:58:05

Middle Channel / 20MHz+5MHz



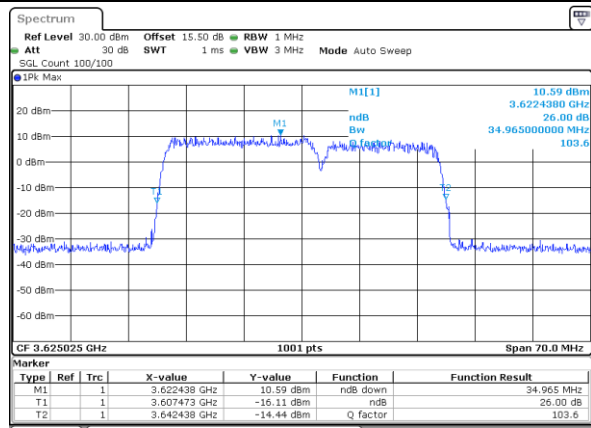
Date: 13.OCT.2025 14:43:02

Middle Channel / 20MHz+10MHz

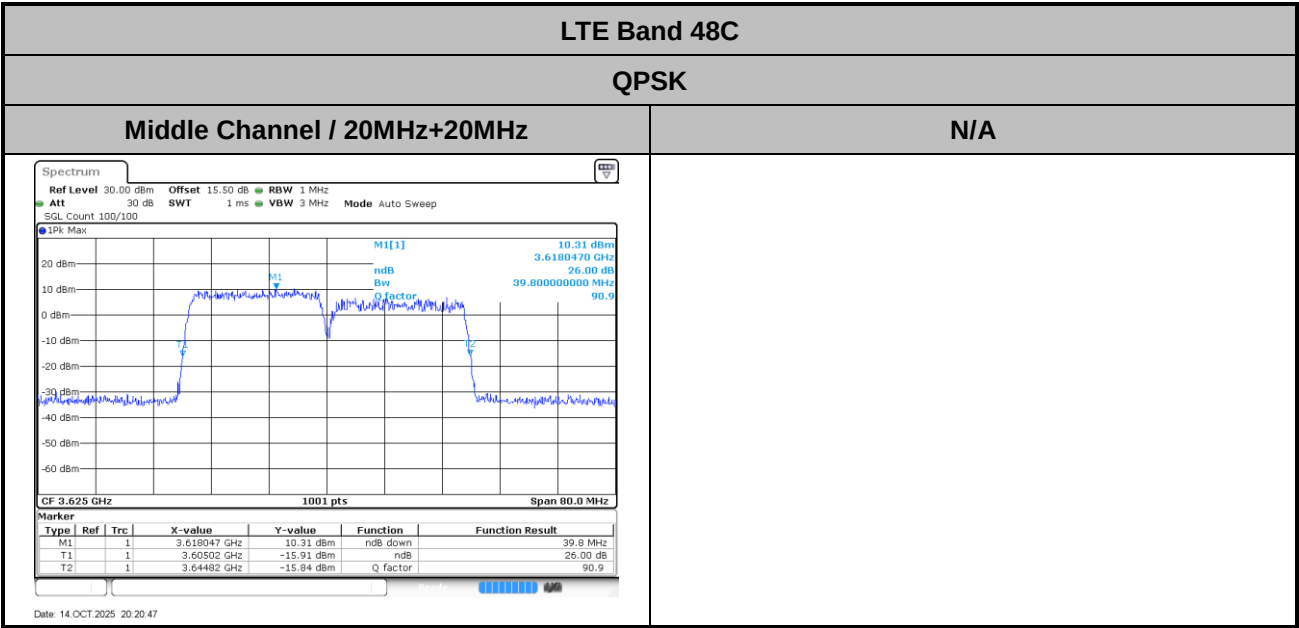


Date: 14.OCT.2025 18:07:46

Middle Channel / 20MHz+15MHz



Date: 14.OCT.2025 19:43:15

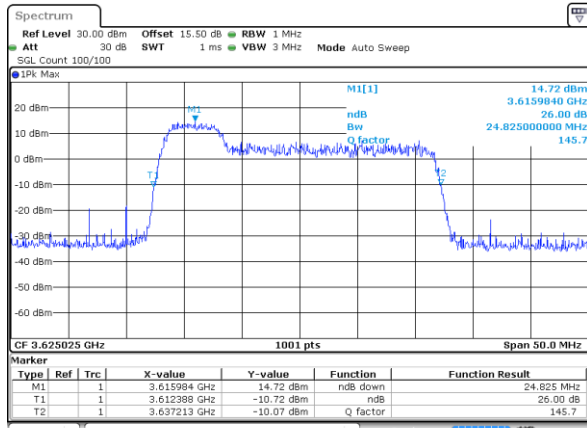




LTE Band 48C

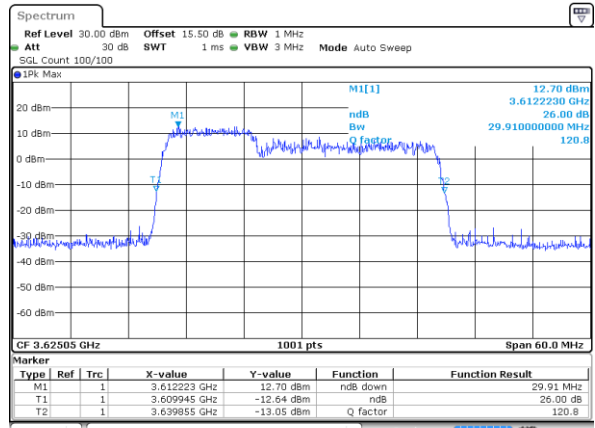
16QAM

Middle Channel / 5MHz+20MHz



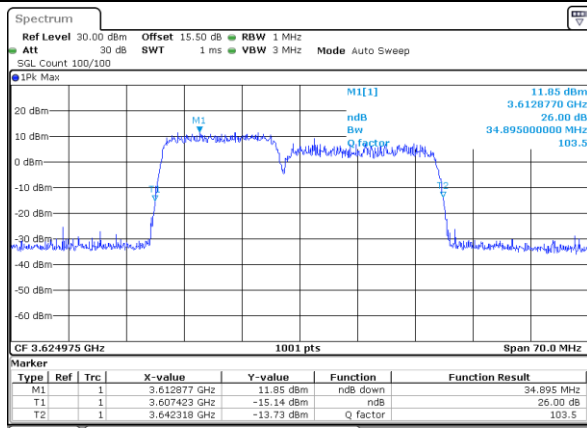
Date: 13.OCT.2025 13:19:26

Middle Channel / 10MHz+20MHz



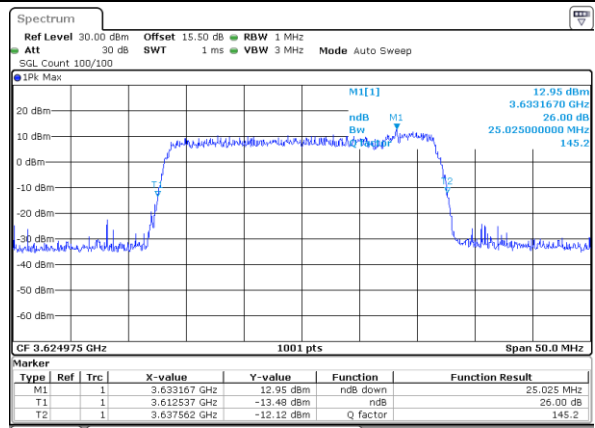
Date: 14.OCT.2025 17:31:02

Middle Channel / 15MHz+20MHz



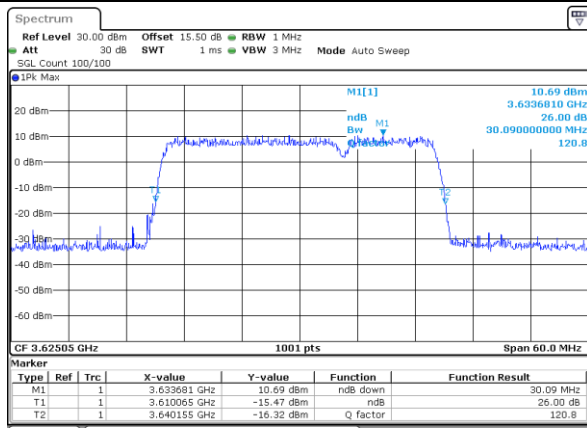
Date: 14.OCT.2025 18:58:46

Middle Channel / 20MHz+5MHz



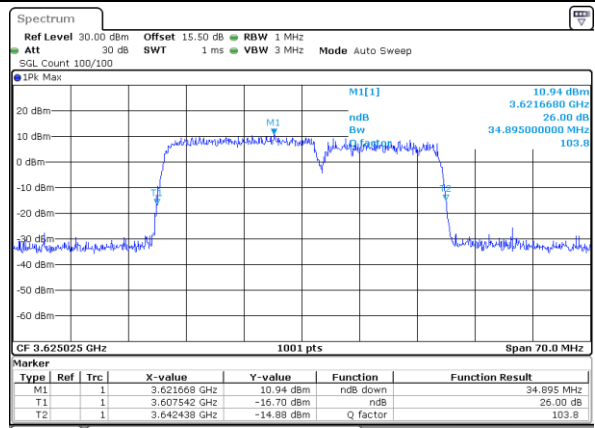
Date: 13.OCT.2025 14:43:31

Middle Channel / 20MHz+10MHz

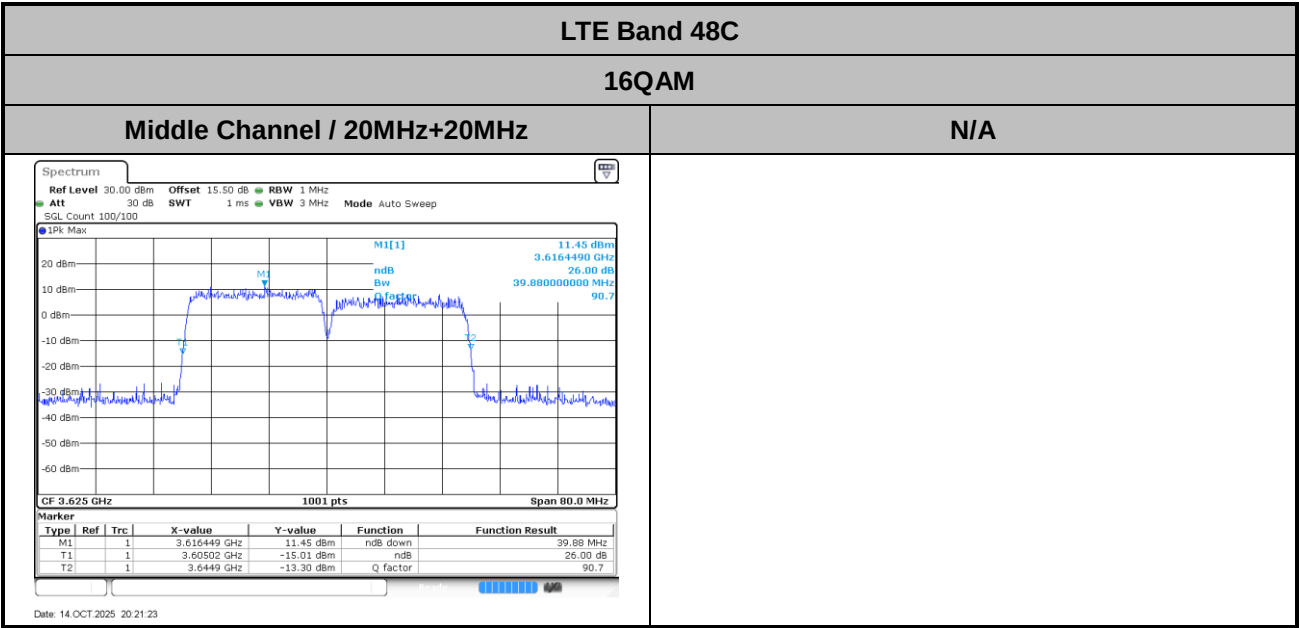


Date: 14.OCT.2025 18:08:31

Middle Channel / 20MHz+15MHz



Date: 14.OCT.2025 19:46:51



**Occupied Bandwidth**

Mode	LTE Band 48C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.28	28.05	32.87	23.38
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.80	37.64	-

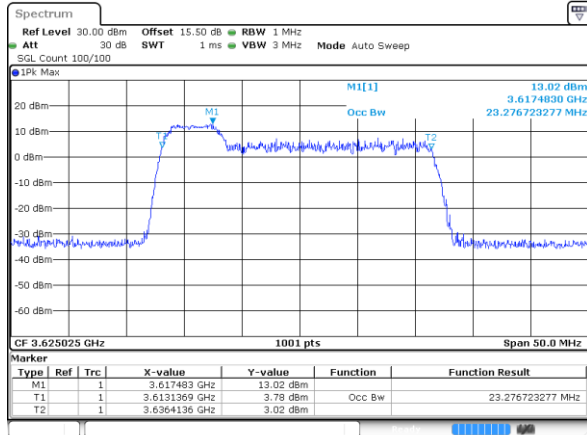
Mode	LTE Band 48C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.23	27.99	32.87	23.33
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.87	37.64	-



LTE Band 48C

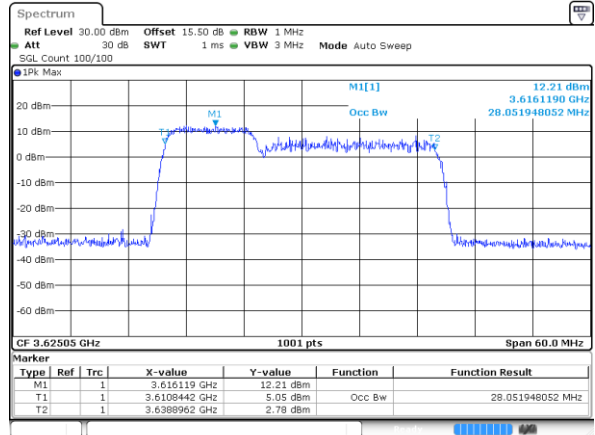
QPSK

Middle Channel / 5MHz+20MHz



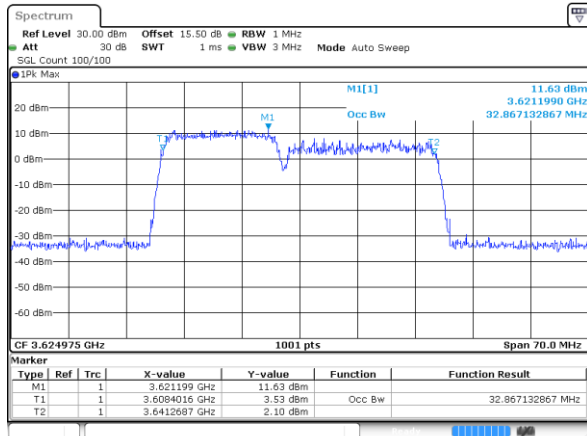
Date: 13.OCT.2025 13:18:27

Middle Channel / 10MHz+20MHz



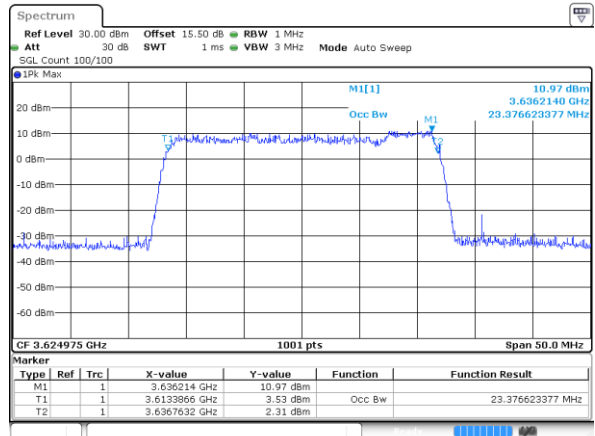
Date: 14.OCT.2025 17:29:50

Middle Channel / 15MHz+20MHz



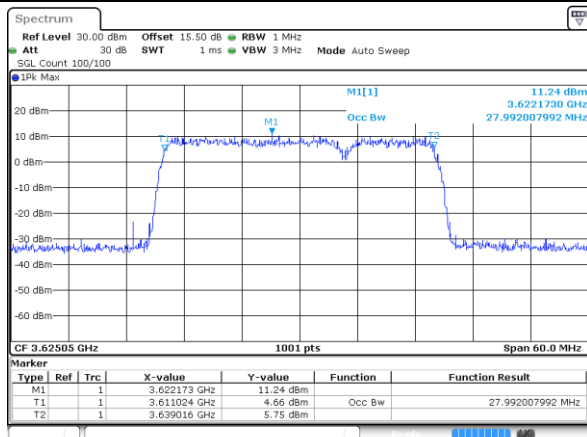
Date: 14.OCT.2025 18:57:24

Middle Channel / 20MHz+5MHz



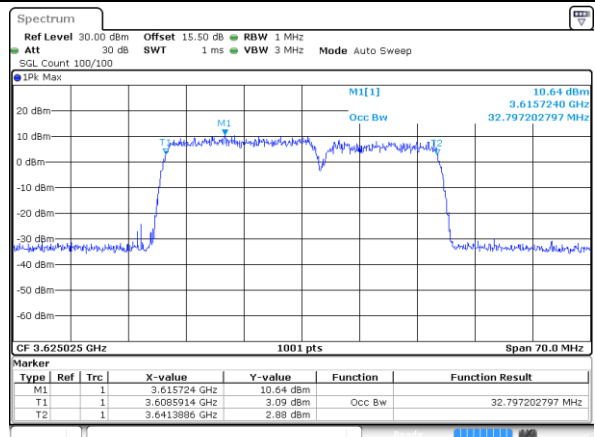
Date: 13.OCT.2025 14:42:31

Middle Channel / 20MHz+10MHz

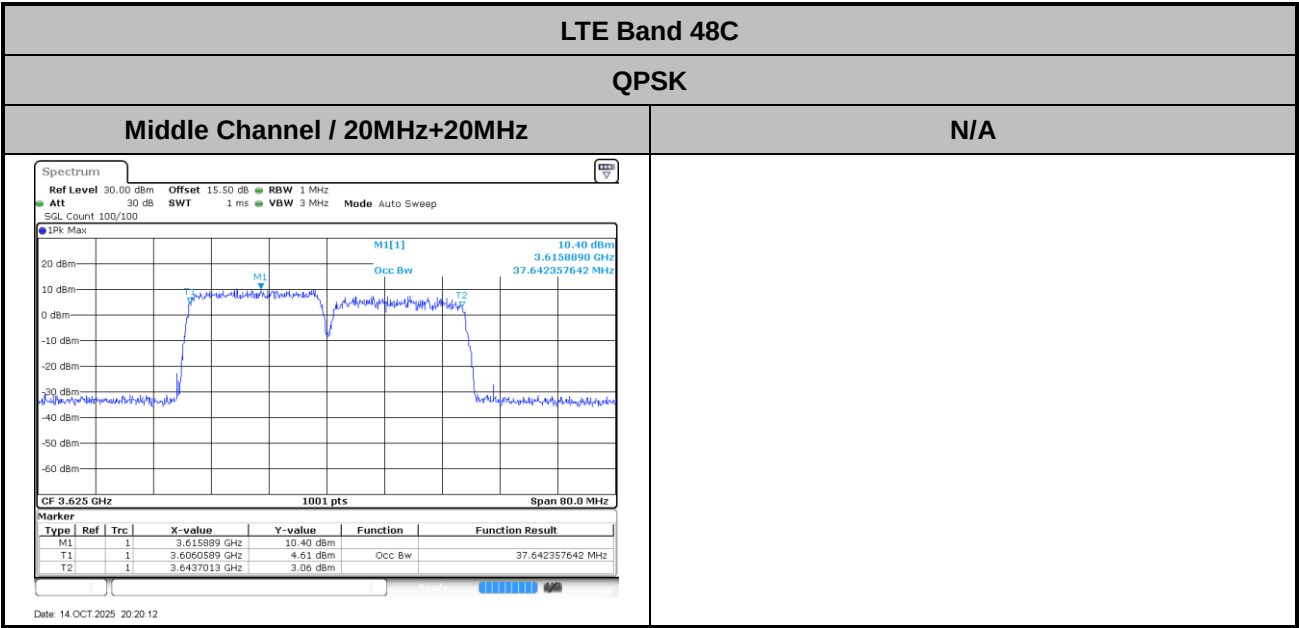


Date: 14.OCT.2025 18:07:11

Middle Channel / 20MHz+15MHz



Date: 14.OCT.2025 19:45:34

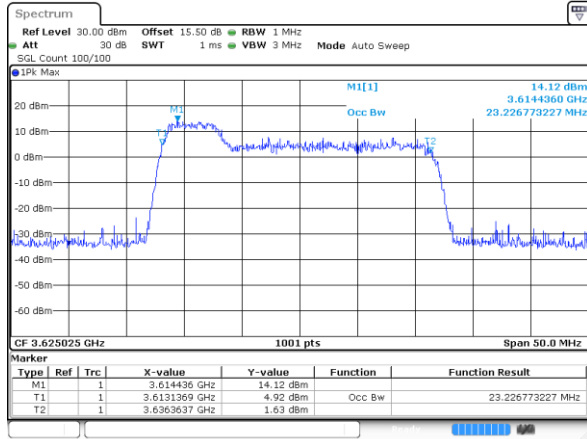




LTE Band 48C

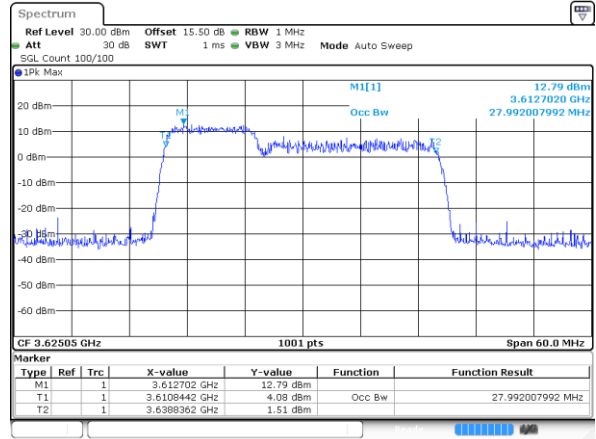
16QAM

Middle Channel / 5MHz+20MHz



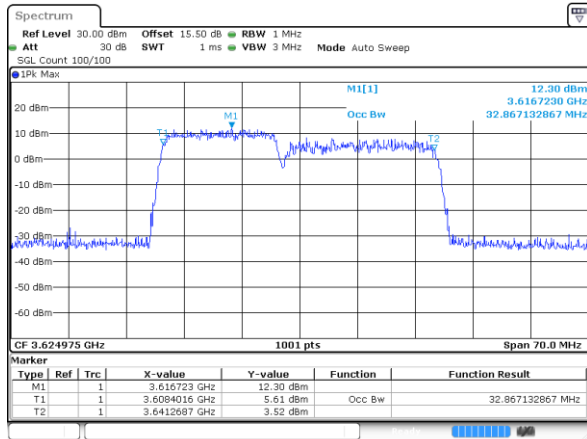
Date: 13.OCT.2025 13:19:55

Middle Channel / 10MHz+20MHz



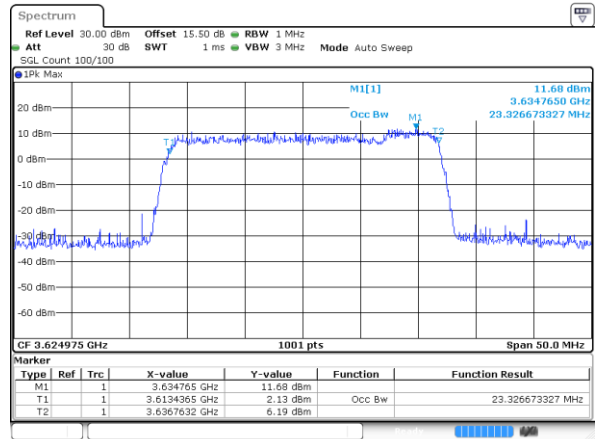
Date: 14.OCT.2025 17:31:38

Middle Channel / 15MHz+20MHz



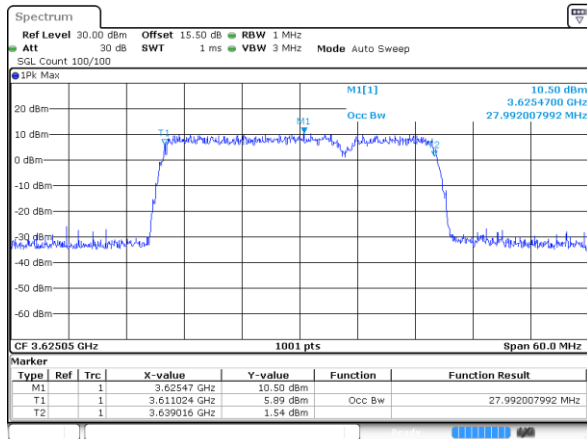
Date: 14.OCT.2025 18:59:22

Middle Channel / 20MHz+5MHz



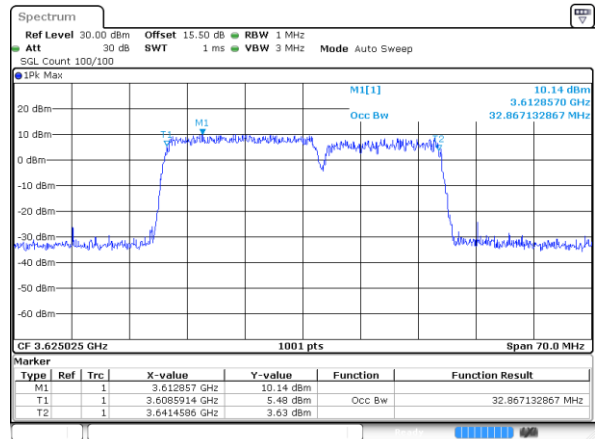
Date: 13.OCT.2025 14:44:04

Middle Channel / 20MHz+10MHz



Date: 14.OCT.2025 18:09:12

Middle Channel / 20MHz+15MHz



Date: 14.OCT.2025 19:47:32

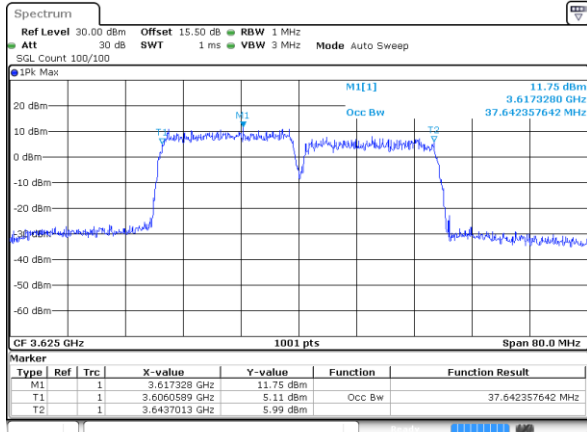


LTE Band 48C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 14.OCT.2025 20:21:54



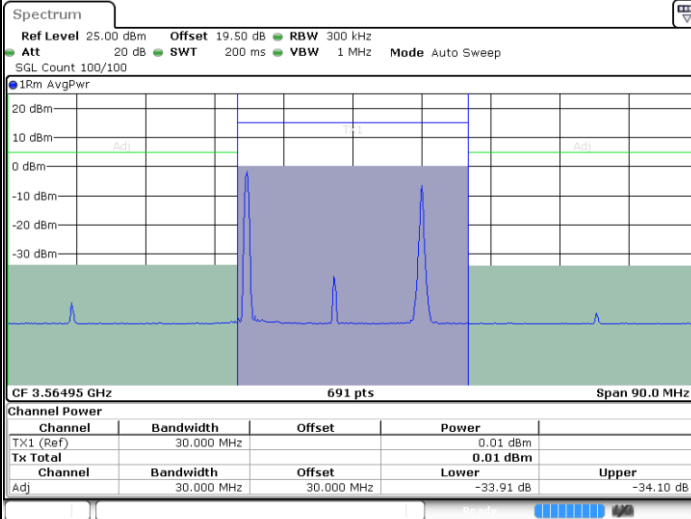
ACLR

LTE Band 48C / 5MHz+20MHz

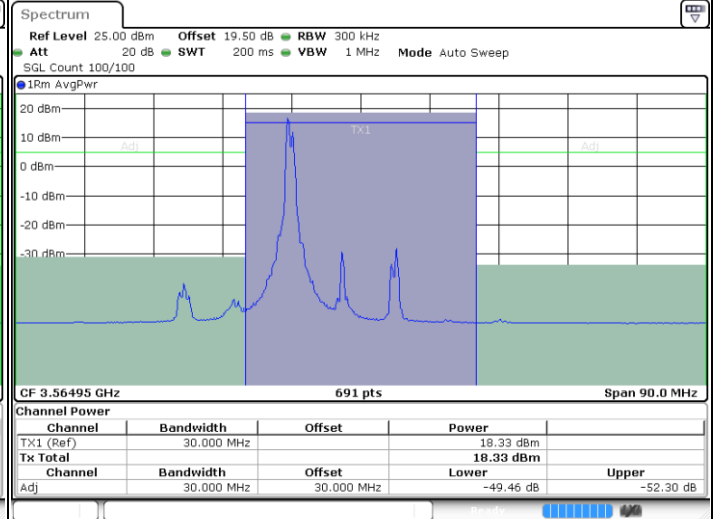
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0



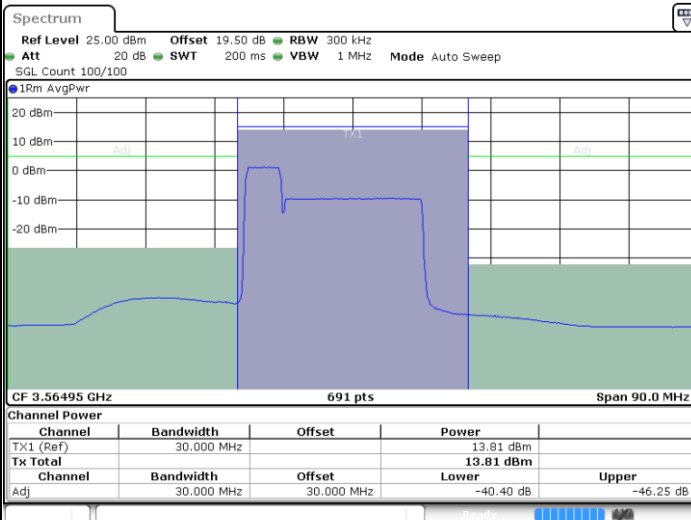
Date: 13.OCT.2025 13:37:48



Date: 13.OCT.2025 13:38:36

Lowest Channel / FullIRB

N/A



Date: 13.OCT.2025 13:33:47

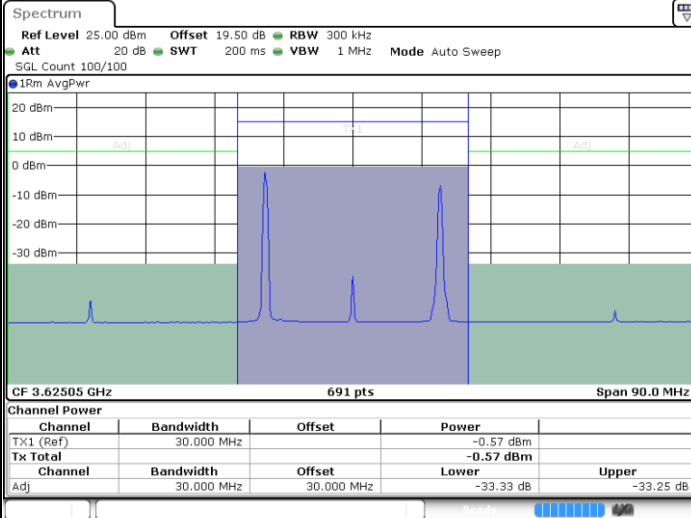


LTE Band 48C / 5MHz+20MHz

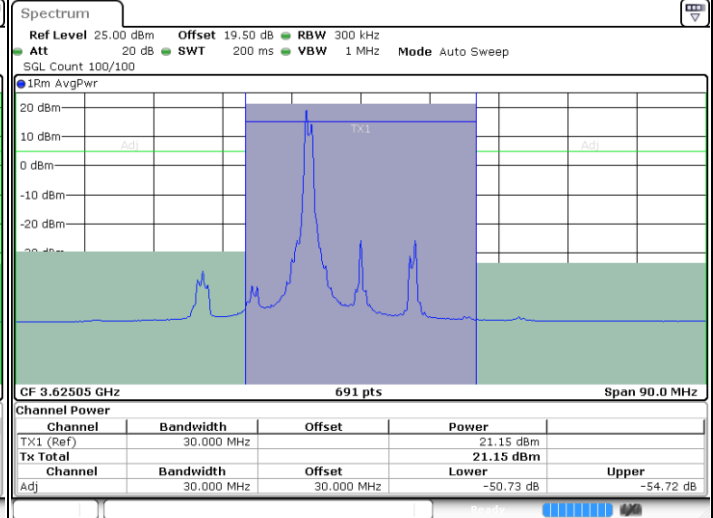
QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



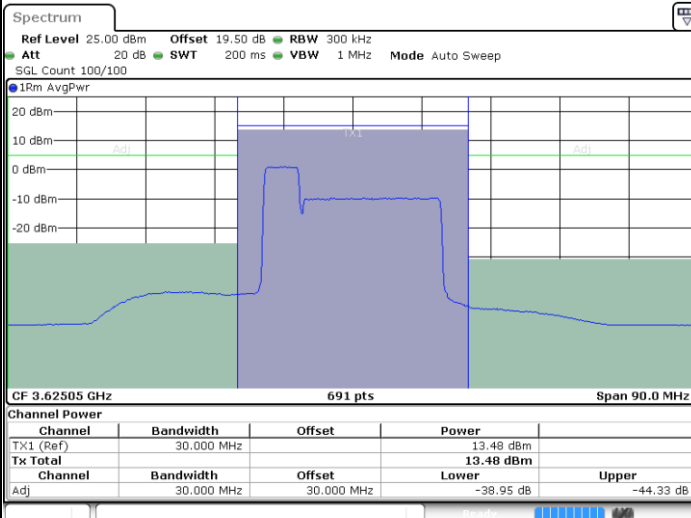
Date: 13.OCT.2025 13:27:49



Date: 13.OCT.2025 13:28:37

Middle Channel / FullRB

N/A



Date: 13.OCT.2025 13:23:29

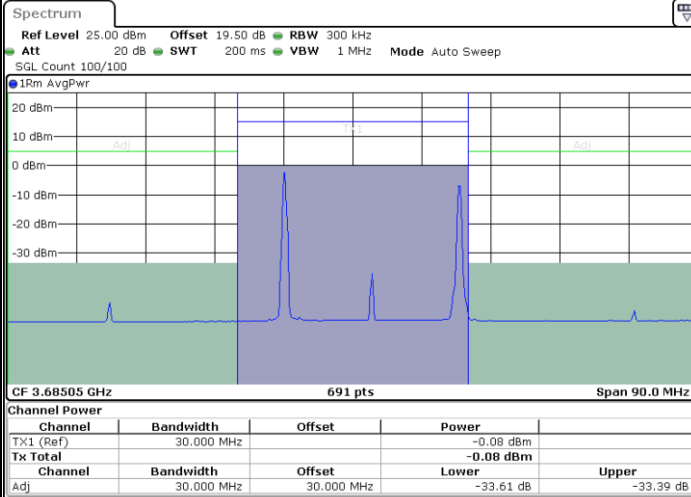


LTE Band 48C / 5MHz+20MHz

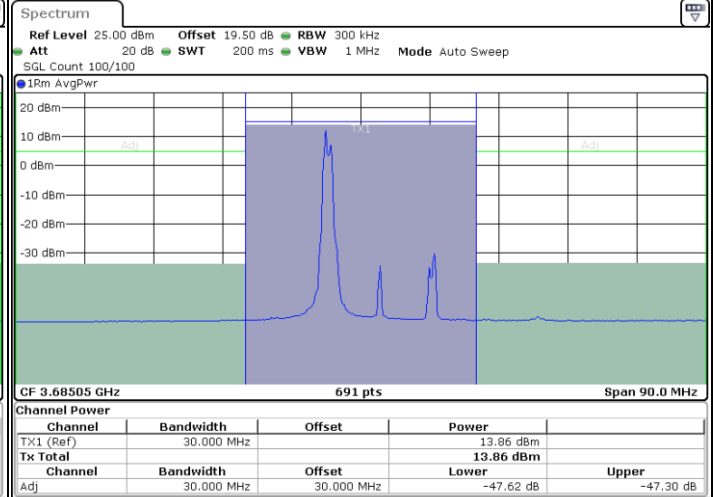
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



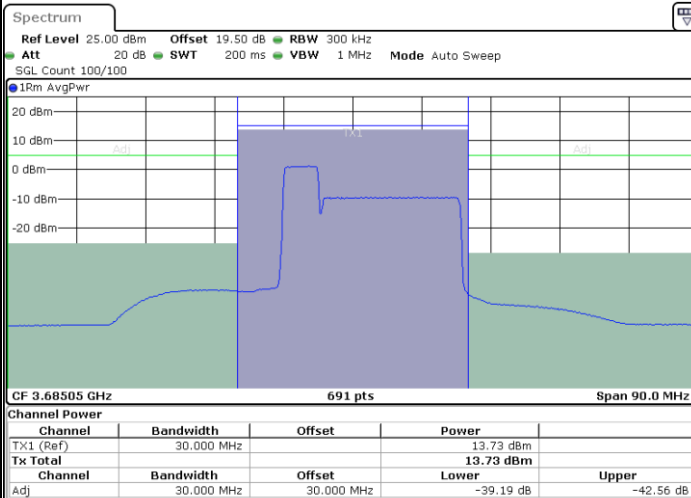
Date: 14.OCT.2025 17:12:05



Date: 14.OCT.2025 17:20:33

Highest Channel / FullRB

N/A



Date: 13.OCT.2025 13:43:46

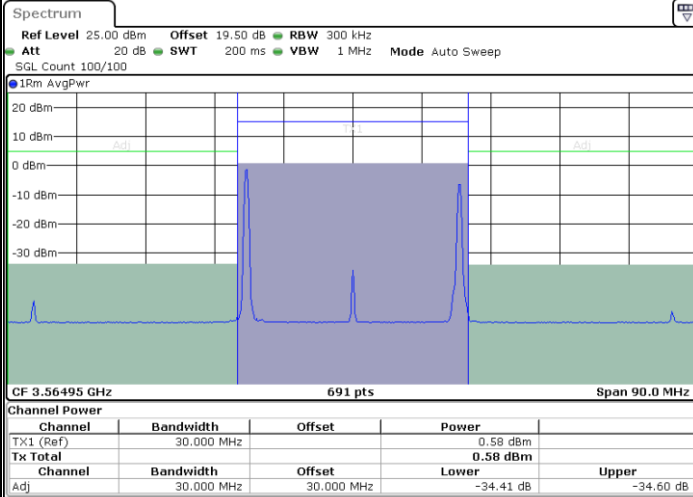


LTE Band 48C / 10MHz+20MHz

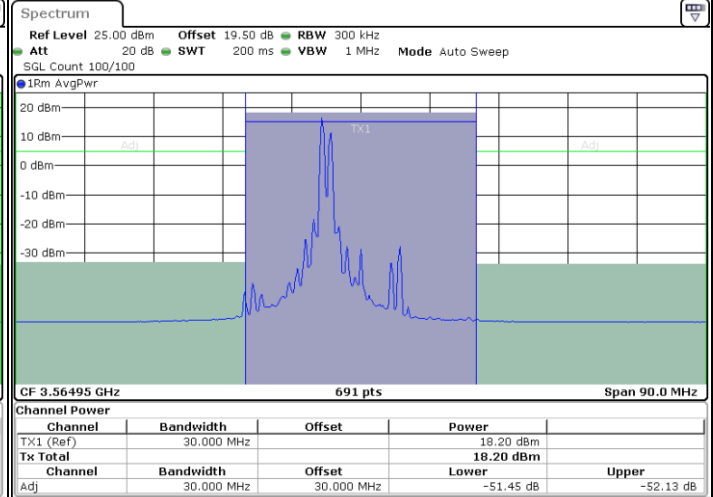
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



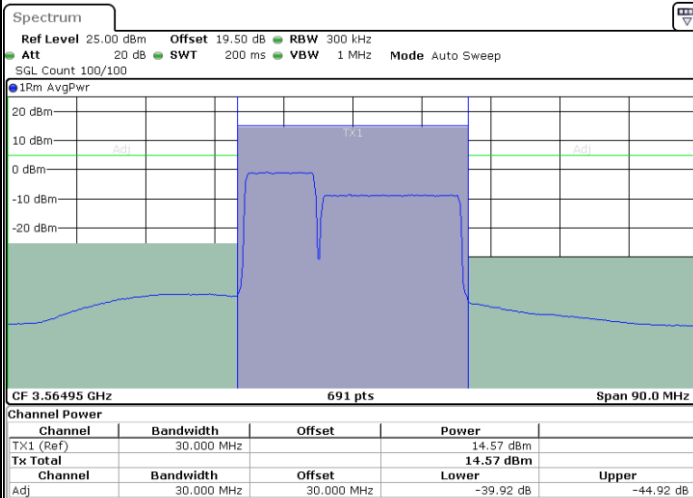
Date: 14.OCT.2025 17:51:43



Date: 14.OCT.2025 17:52:38

Lowest Channel / FullIRB

N/A



Date: 14.OCT.2025 17:46:57

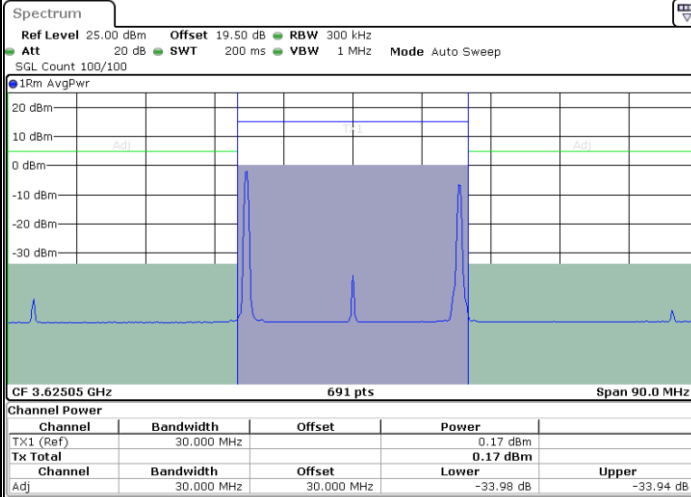


LTE Band 48C / 10MHz+20MHz

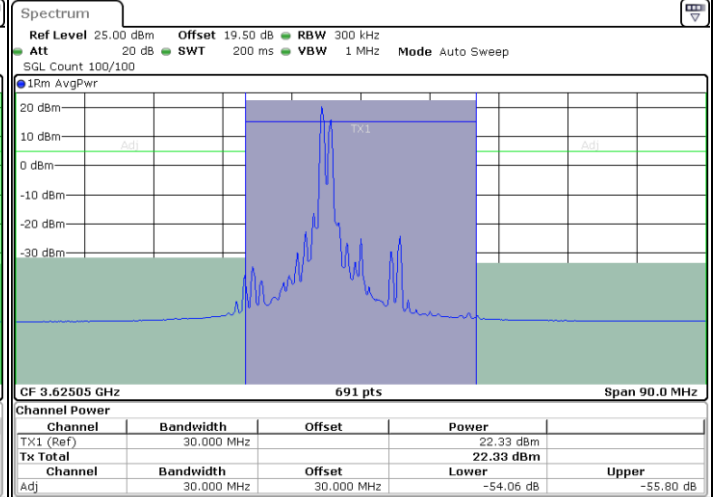
QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



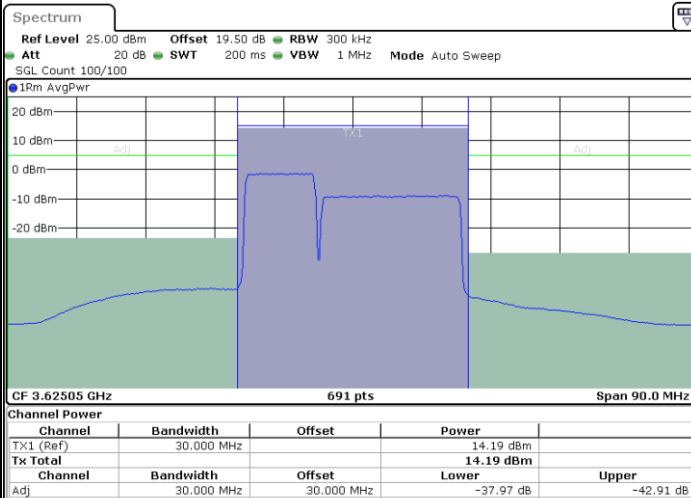
Date: 14.OCT.2025 17:40:08



Date: 14.OCT.2025 17:41:04

Middle Channel / FullRB

N/A



Date: 14.OCT.2025 17:35:32

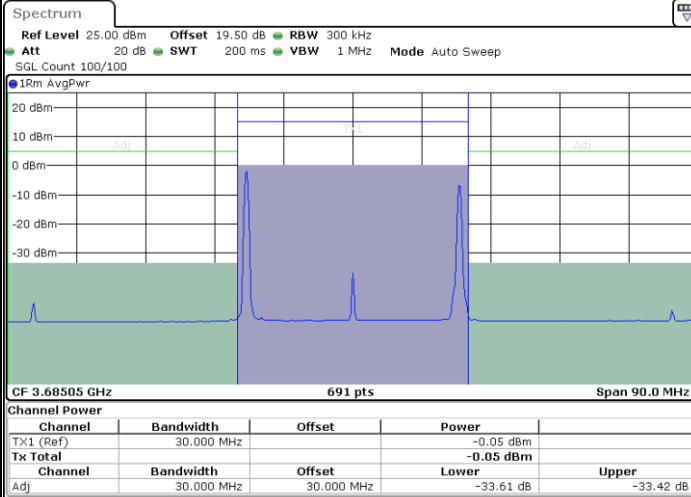


LTE Band 48C / 10MHz+20MHz

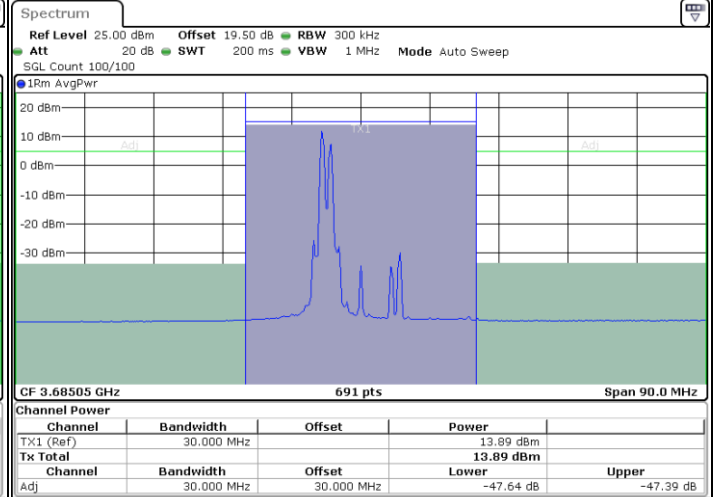
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



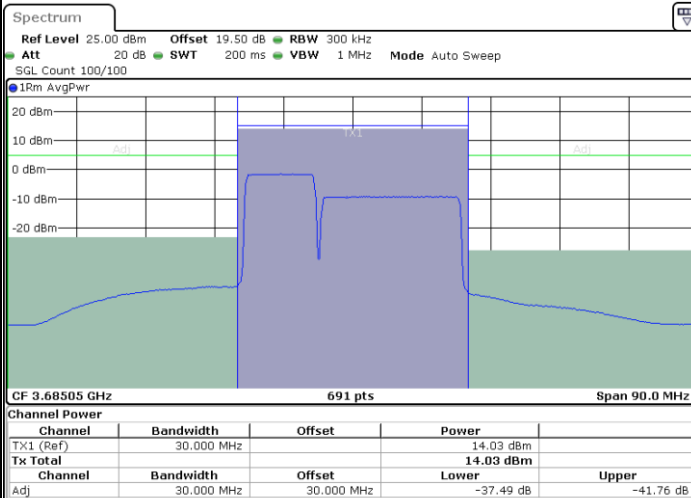
Date: 14.OCT.2025 18:03:26



Date: 14.OCT.2025 18:04:24

Highest Channel / FullRB

N/A



Date: 14.OCT.2025 17:58:34

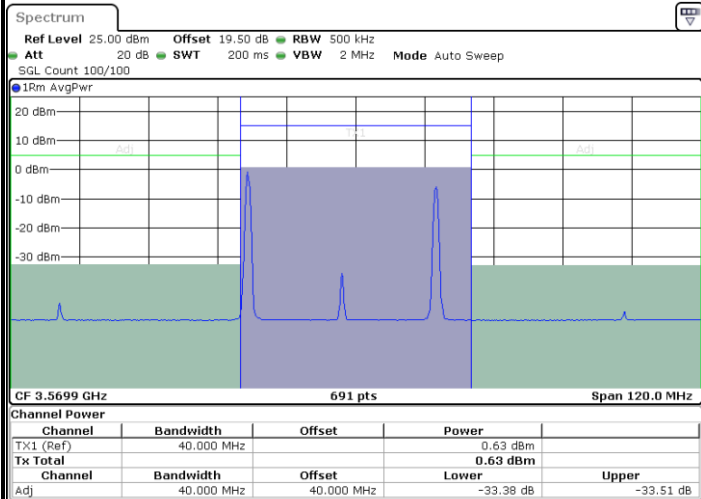


LTE Band 48C / 15MHz+20MHz

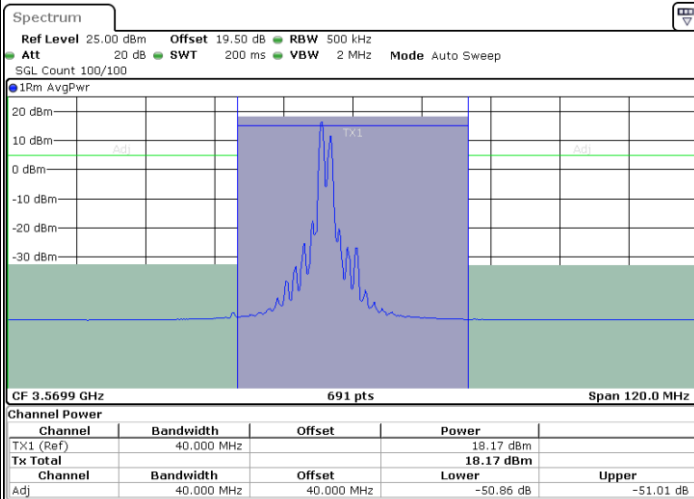
QPSK

Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



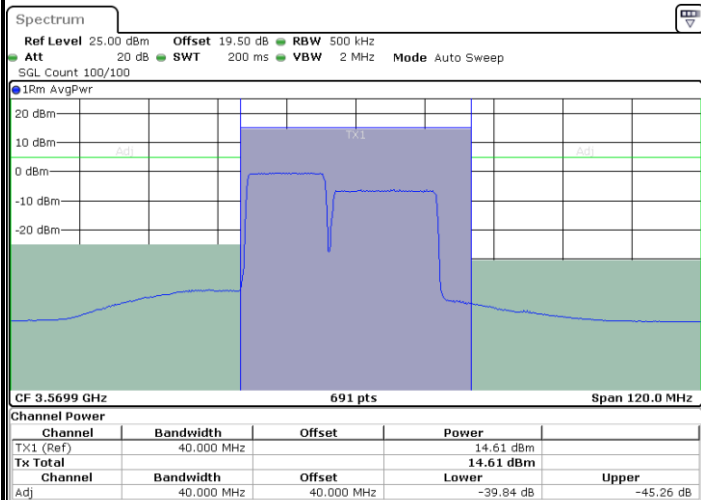
Date: 14.OCT.2025 19:20:12



Date: 14.OCT.2025 19:21:07

Lowest Channel / FullIRB

N/A



Date: 14.OCT.2025 19:15:19

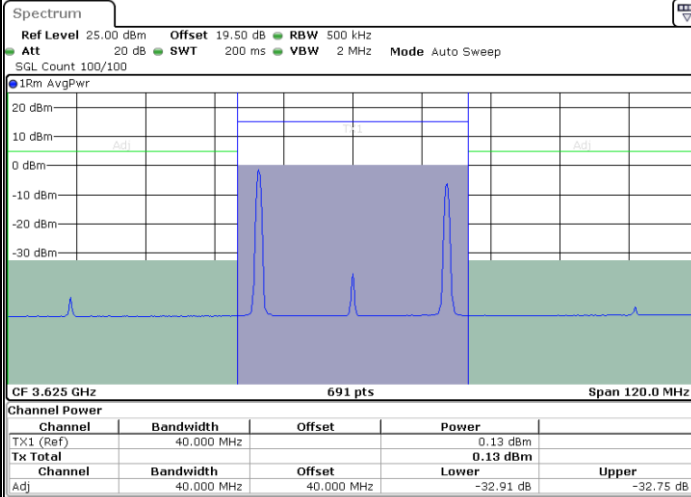


LTE Band 48C / 15MHz+20MHz

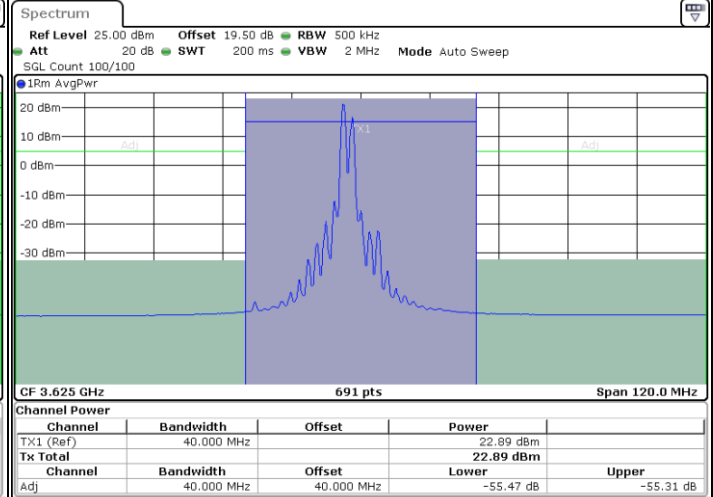
QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



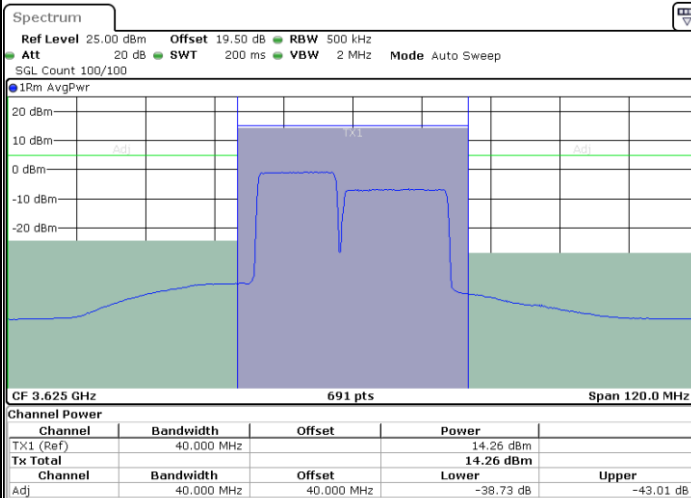
Date: 14.OCT.2025 19:08:19



Date: 14.OCT.2025 19:09:13

Middle Channel / FullRB

N/A



Date: 14.OCT.2025 19:03:21

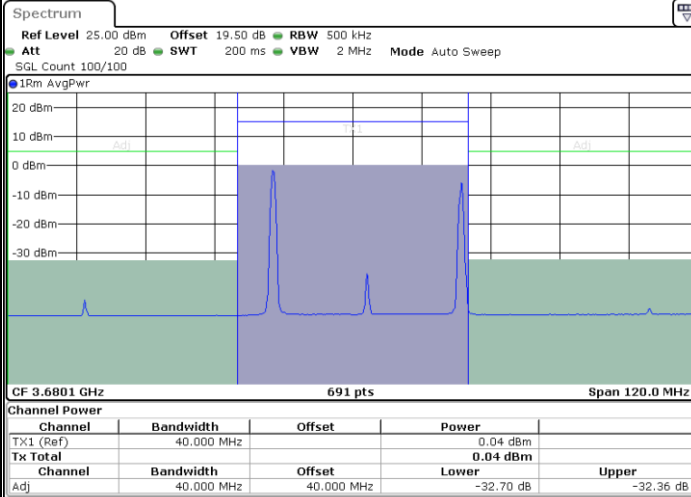


LTE Band 48C / 15MHz+20MHz

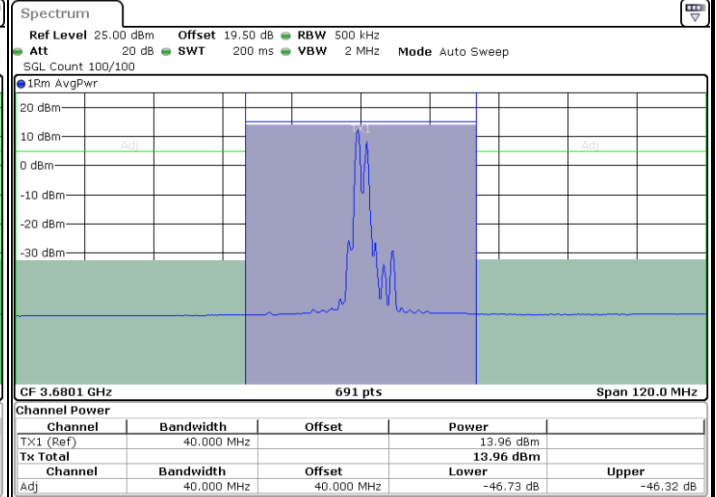
QPSK

Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB74 and 1RB0



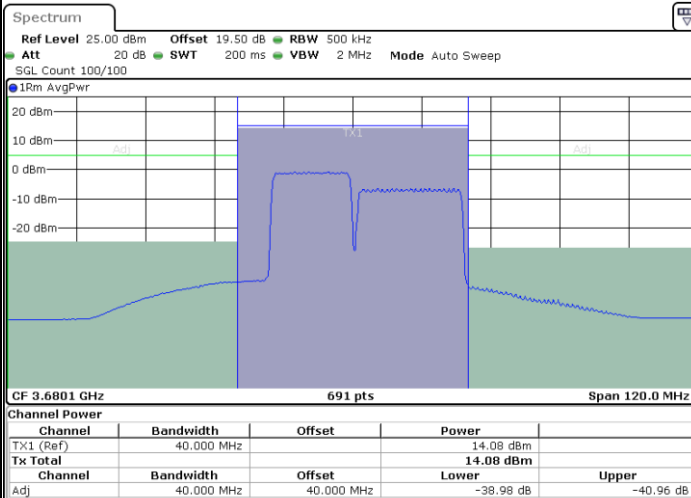
Date: 14.OCT.2025 19:41:58



Date: 14.OCT.2025 19:42:53

Highest Channel / FullRB

N/A



Date: 14.OCT.2025 19:27:03

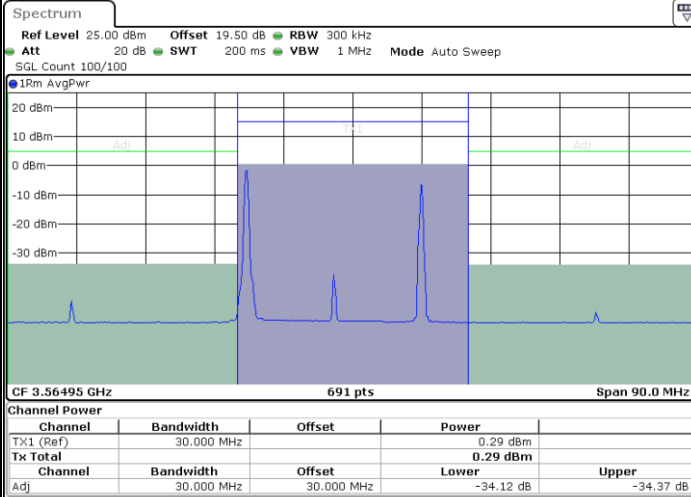


LTE Band 48C / 20MHz+5MHz

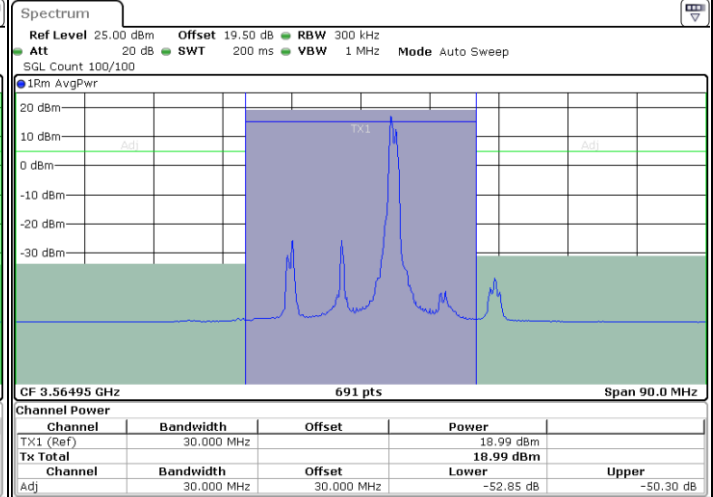
QPSK

Lowest Channel / 1RB0 and 1RB24

Lowest Channel / 1RB99 and 1RB0



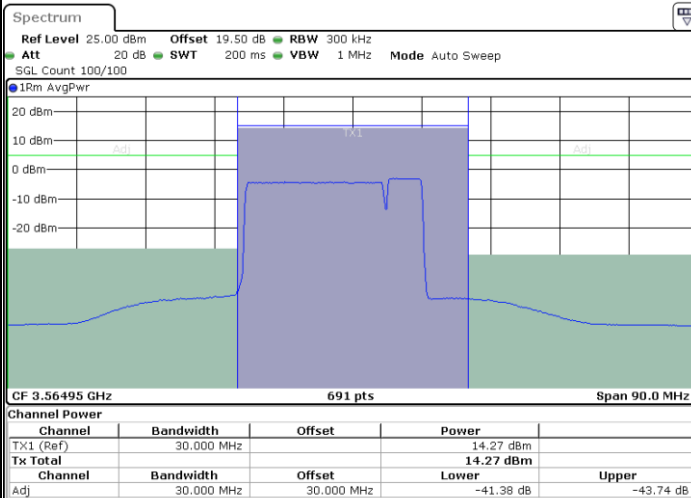
Date: 13.OCT.2025 15:28:29



Date: 13.OCT.2025 15:29:17

Lowest Channel / FullIRB

N/A



Date: 13.OCT.2025 14:56:16

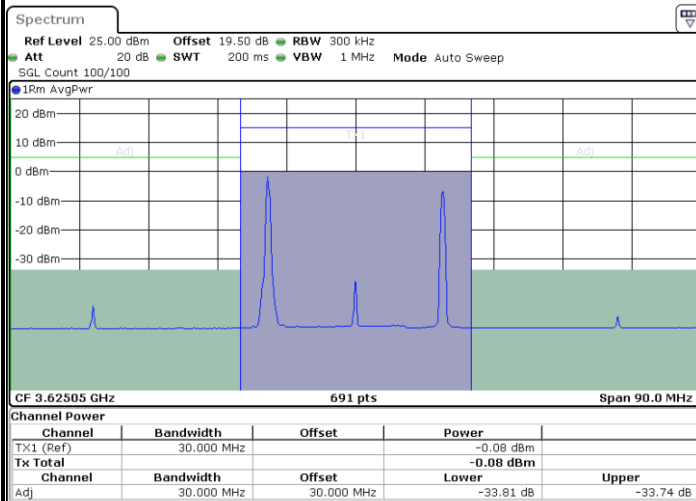


LTE Band 48C / 20MHz+5MHz

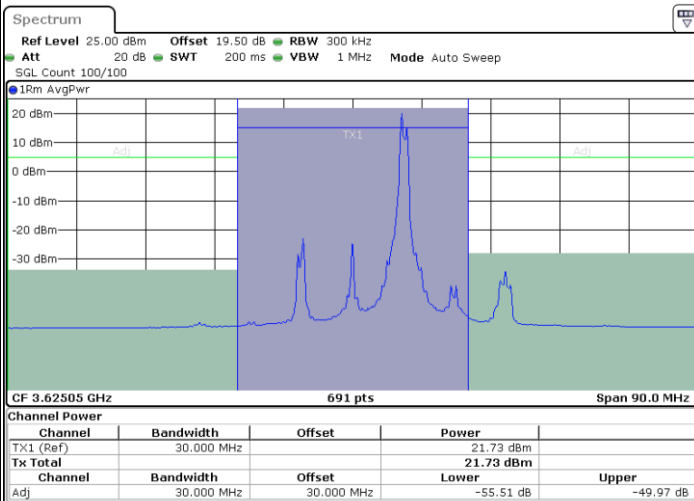
QPSK

Middle Channel / 1RB0 and 1RB24

Middle Channel / 1RB99 and 1RB0



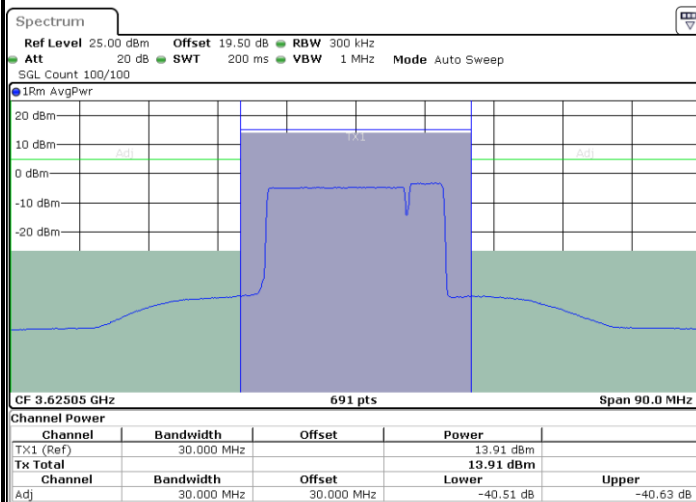
Date: 13.OCT.2025 14:51:38



Date: 13.OCT.2025 14:52:26

Middle Channel / FullRB

N/A



Date: 13.OCT.2025 14:47:38

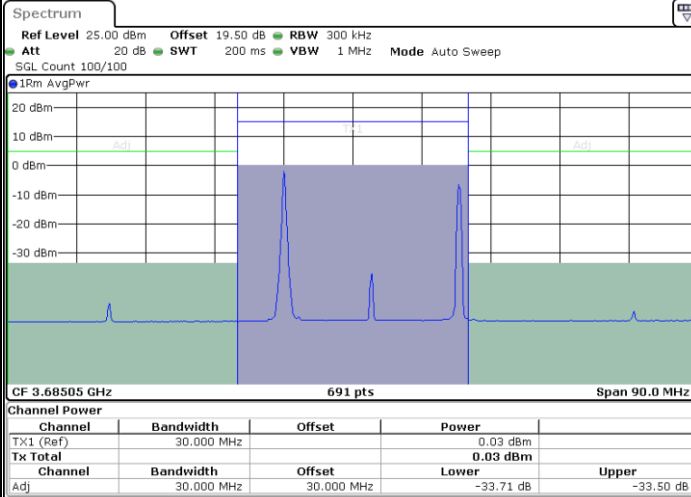


LTE Band 48C / 20MHz+5MHz

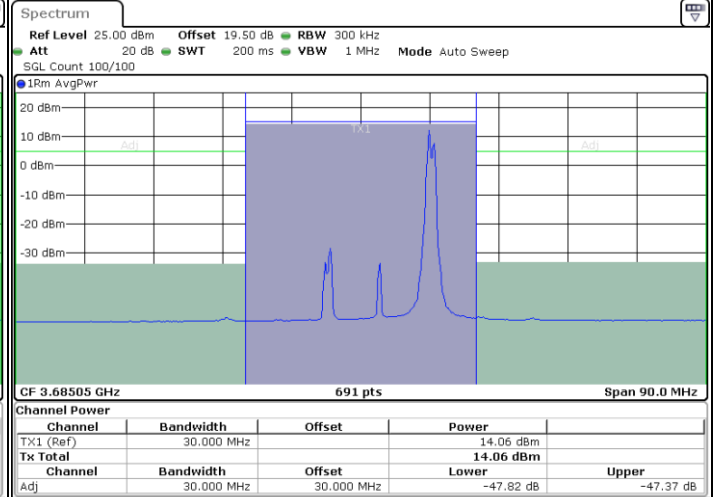
QPSK

Highest Channel / 1RB0 and 1RB24

Highest Channel / 1RB99 and 1RB0



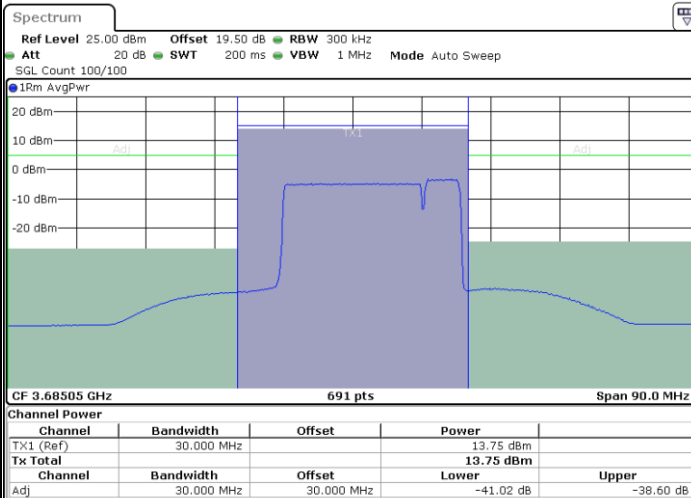
Date: 15.OCT.2025 08:47:33



Date: 15.OCT.2025 08:43:33

Highest Channel / FullRB

N/A



Date: 13.OCT.2025 15:33:02

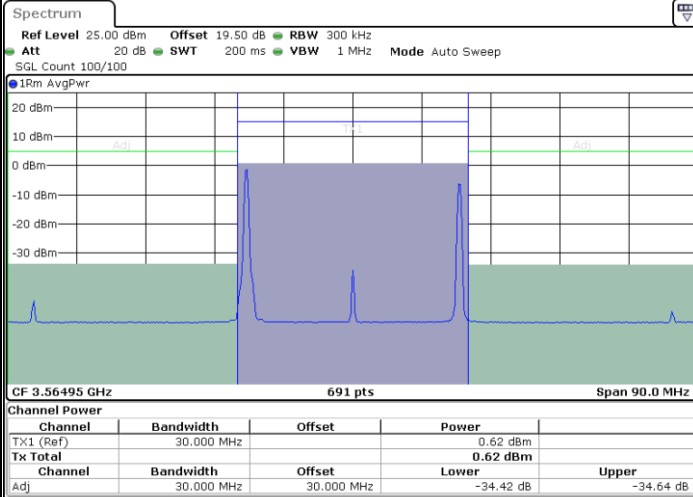


LTE Band 48C / 20MHz+10MHz

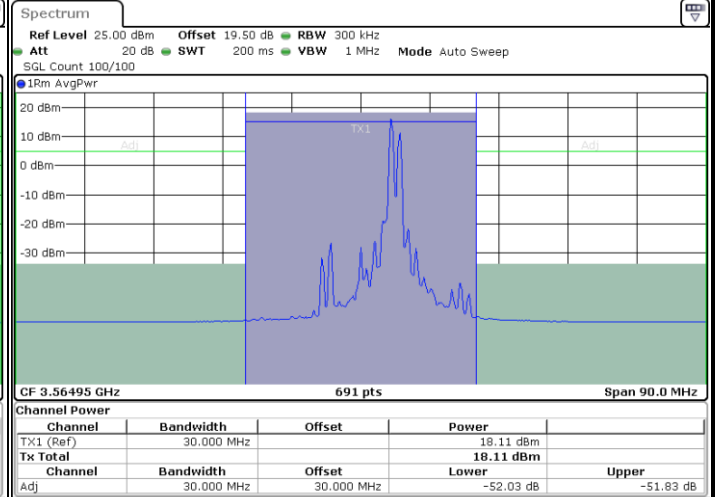
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB99 and 1RB0



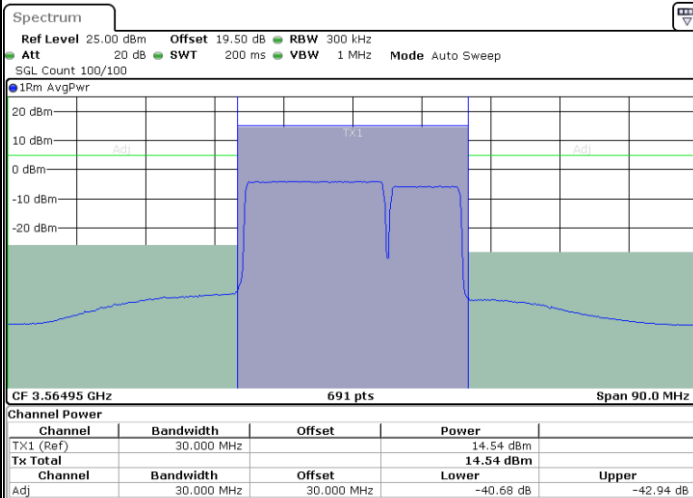
Date: 14.OCT.2025 18:29:43



Date: 14.OCT.2025 18:30:38

Lowest Channel / FullIRB

N/A



Date: 14.OCT.2025 18:24:53

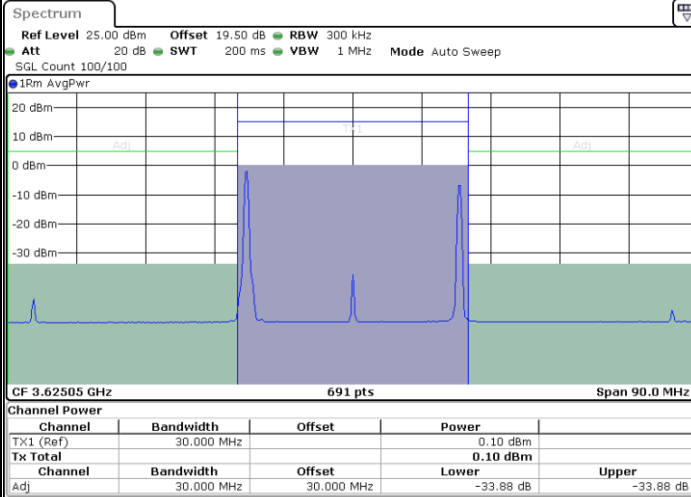


LTE Band 48C / 20MHz+10MHz

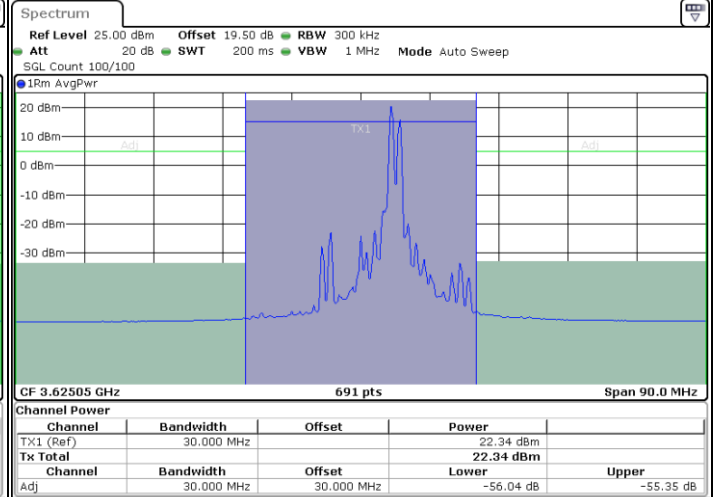
QPSK

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB99 and 1RB0



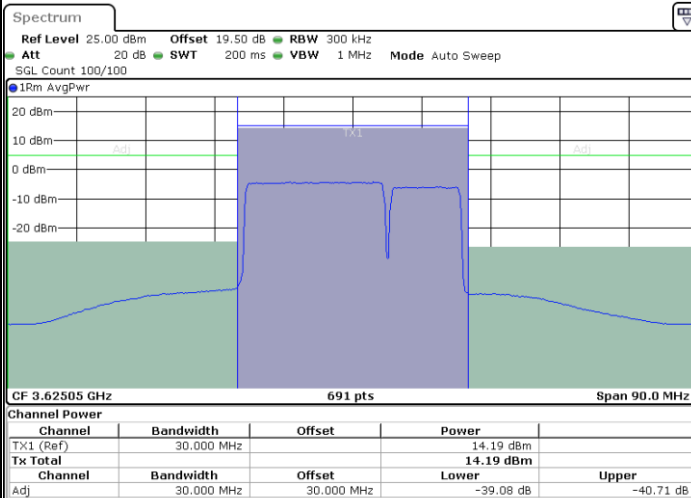
Date: 14.OCT.2025 18:17:55



Date: 14.OCT.2025 18:18:50

Middle Channel / FullRB

N/A



Date: 14.OCT.2025 18:13:06