

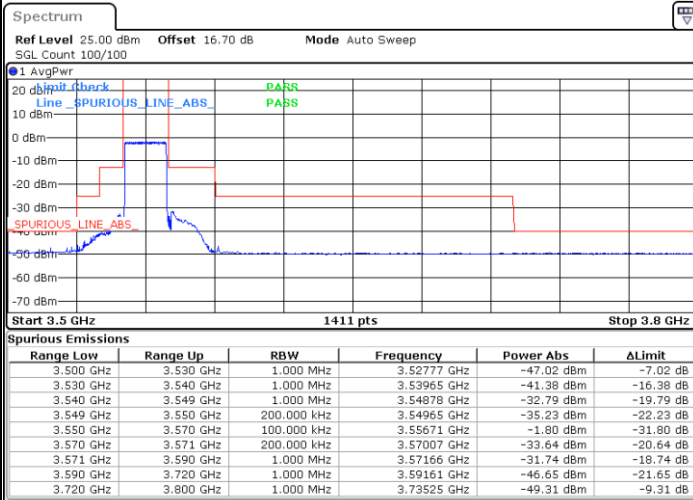


LTE Band 48 / 20MHz

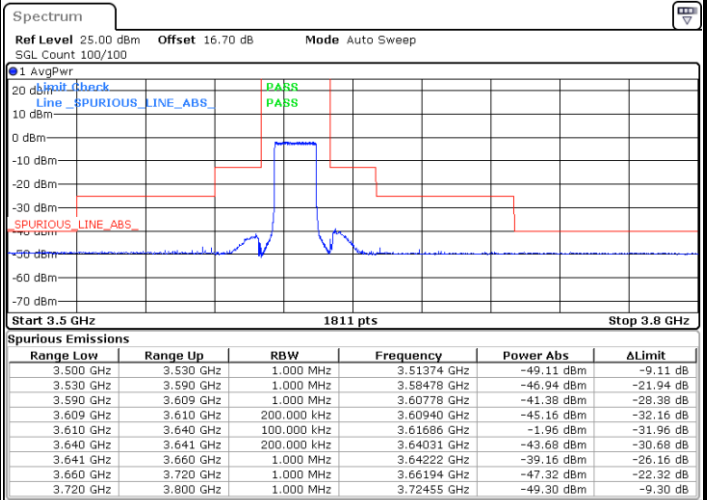
QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB



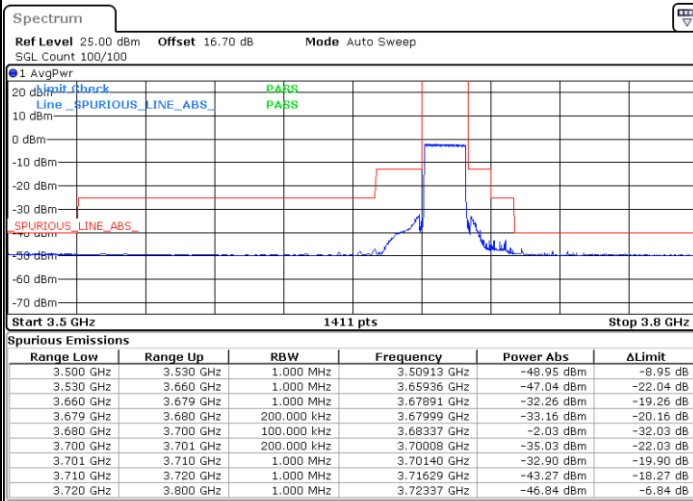
Date: 7.FEB.2025 17:19:32



Date: 7.FEB.2025 17:23:43

Highest Channel / FullIRB

N/A



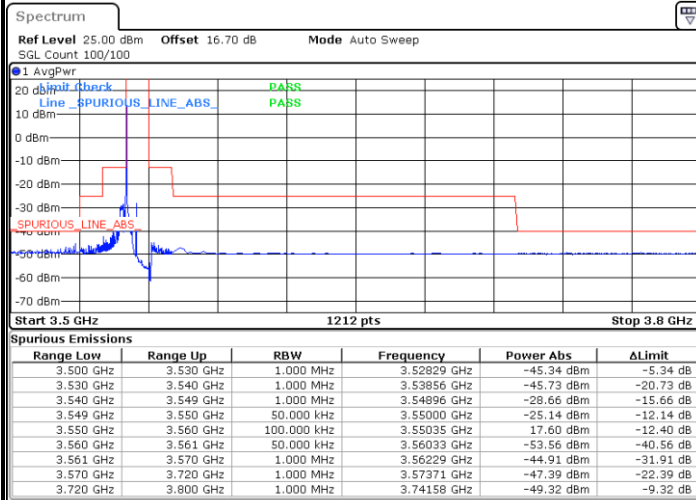
Date: 7.FEB.2025 17:27:52



LTE Band 48 / 5MHz

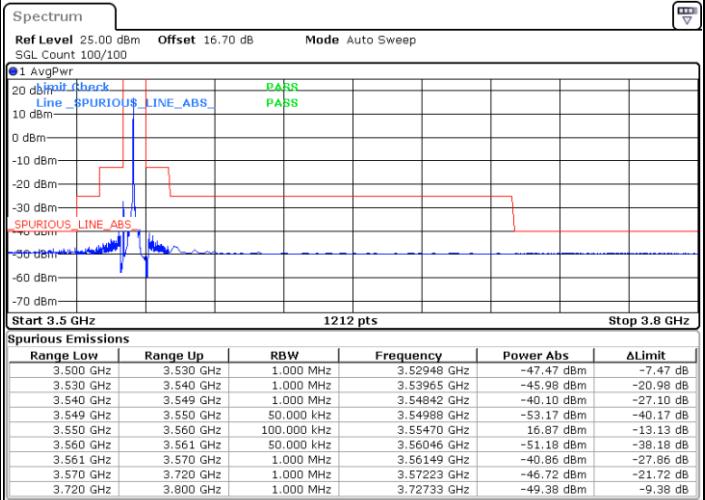
16QAM

Lowest Channel / 1RB0



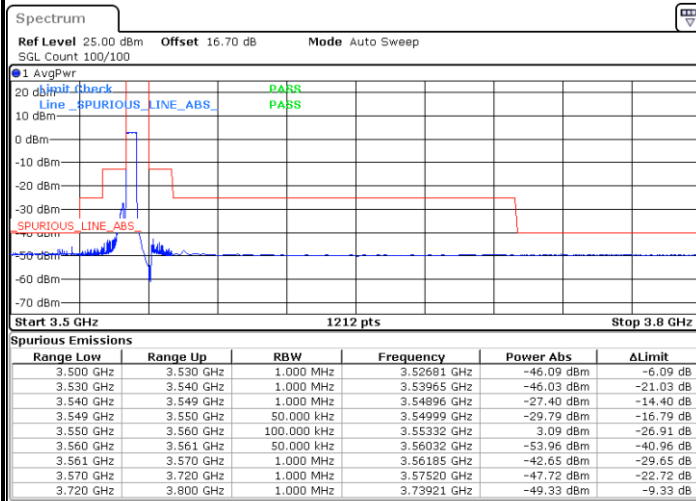
Date: 7.FEB.2025 16:17:48

Lowest Channel / 1RBmax



Date: 7.FEB.2025 16:42:52

Lowest Channel / FullIRB



Date: 7.FEB.2025 16:30:20

N/A

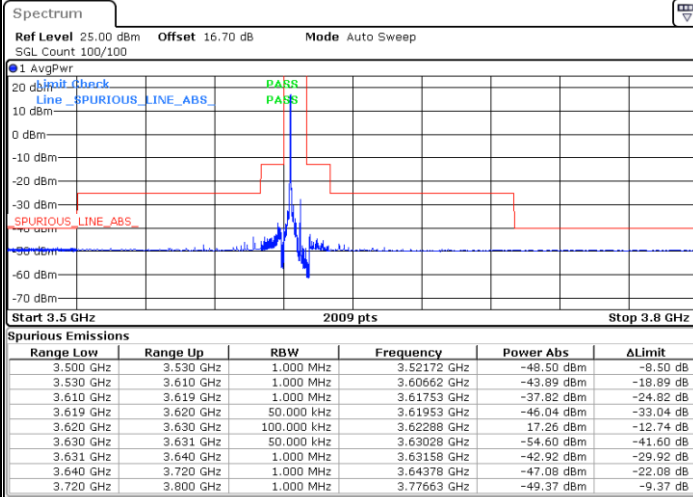


LTE Band 48 / 5MHz

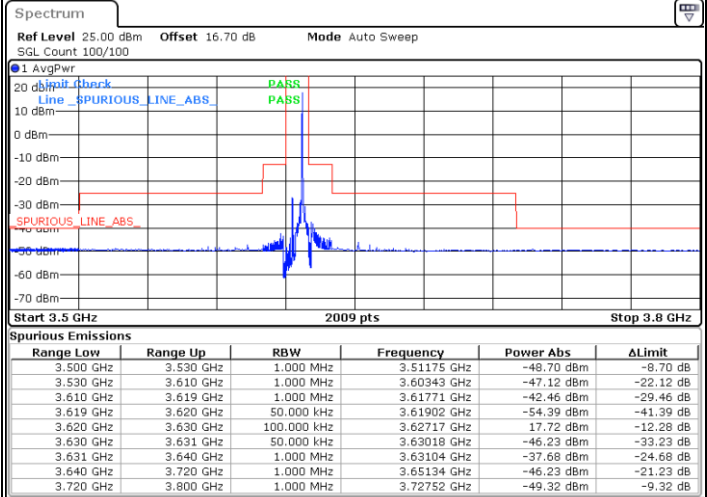
16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



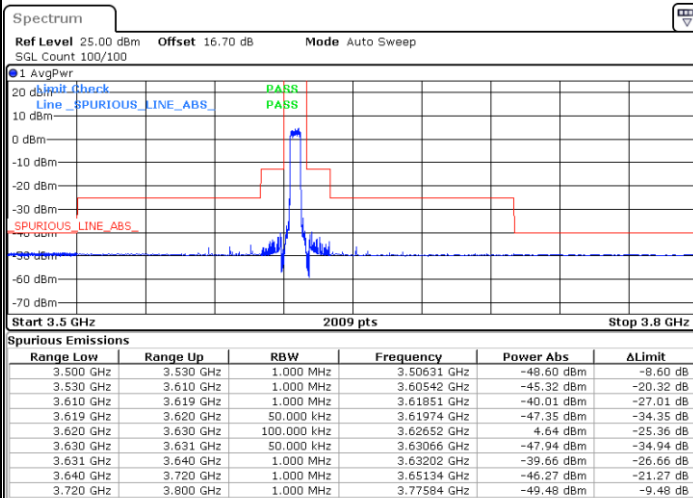
Date: 7.FEB.2025 16:21:58



Date: 7.FEB.2025 16:47:01

Middle Channel / FullRB

N/A



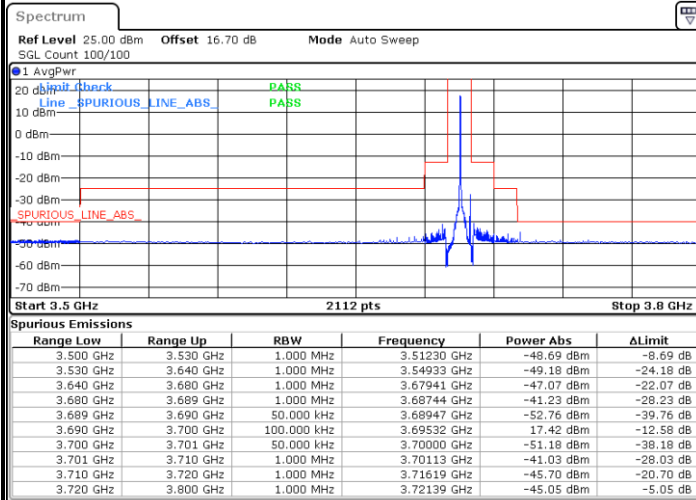
Date: 7.FEB.2025 16:34:30



LTE Band 48 / 5MHz

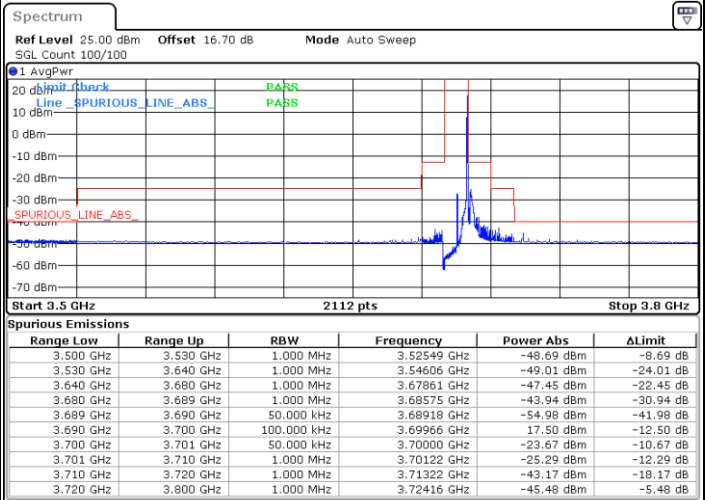
16QAM

Highest Channel / 1RB0



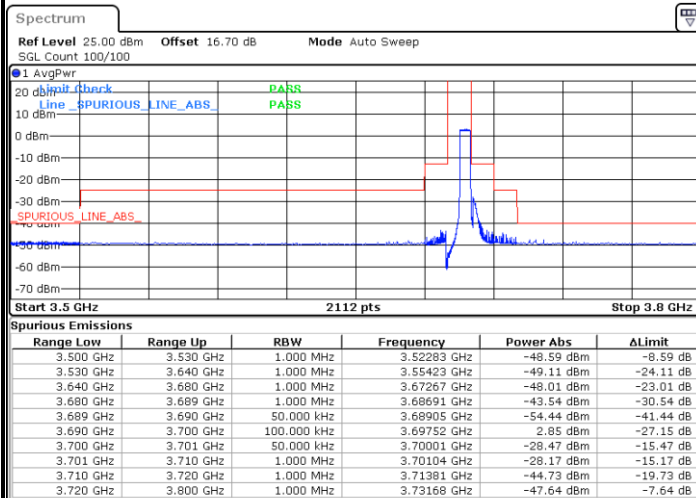
Date: 7.FEB.2025 16:26:07

Highest Channel / 1RBmax



Date: 7.FEB.2025 16:51:10

Highest Channel / FullIRB



Date: 7.FEB.2025 16:38:39

N/A

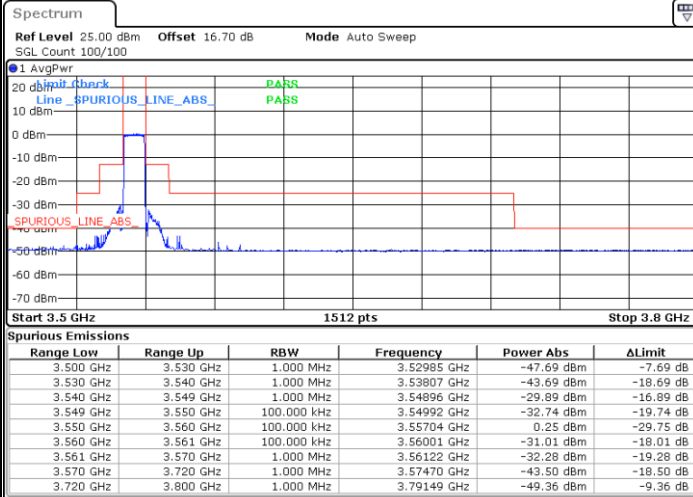


LTE Band 48 / 10MHz

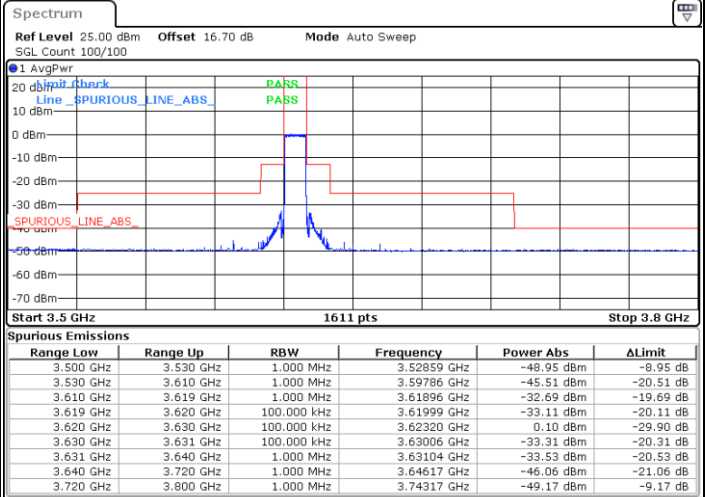
16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



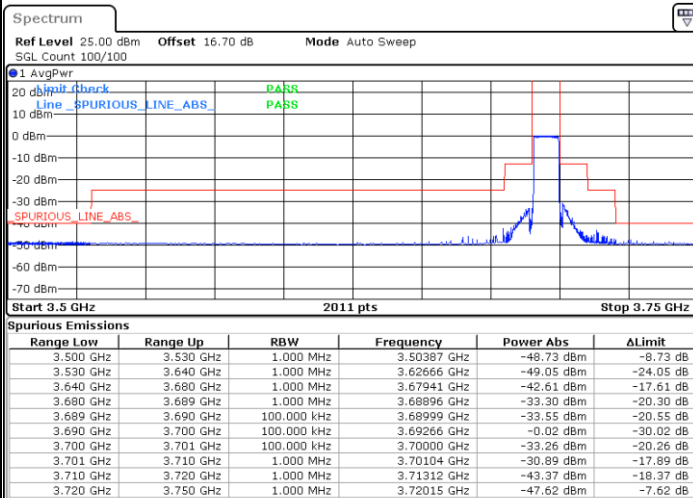
Date: 7.FEB.2025 16:55:26



Date: 7.FEB.2025 16:59:36

Highest Channel / FullIRB

N/A



Date: 7.FEB.2025 17:03:44

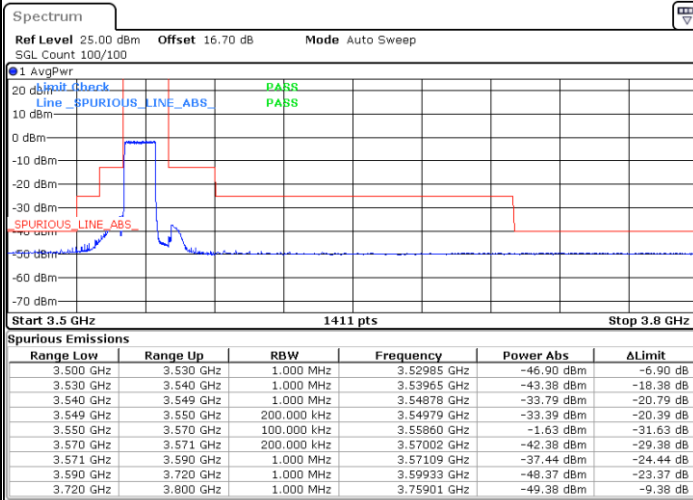


LTE Band 48 / 15MHz

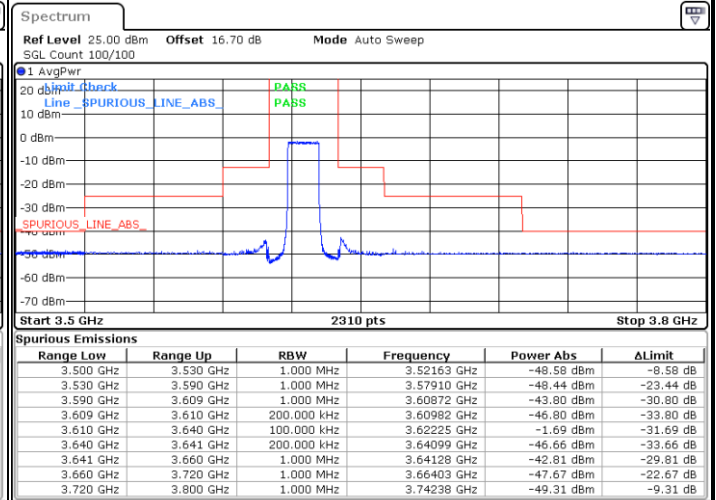
16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



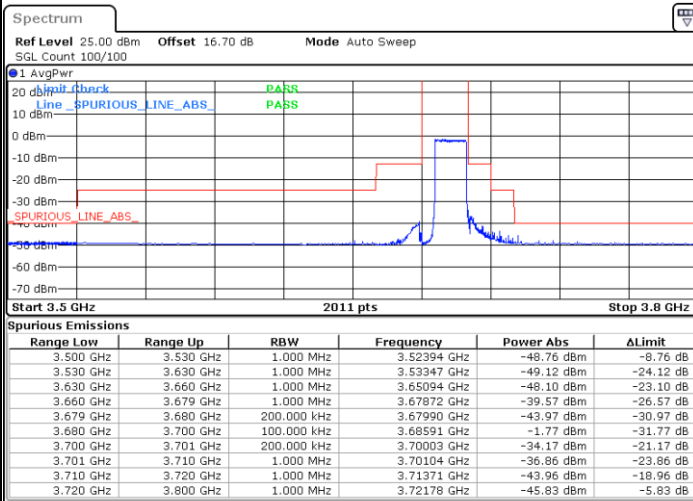
Date: 7.FEB.2025 17:08:00



Date: 7.FEB.2025 17:12:09

Highest Channel / FullIRB

N/A



Date: 7.FEB.2025 17:16:18

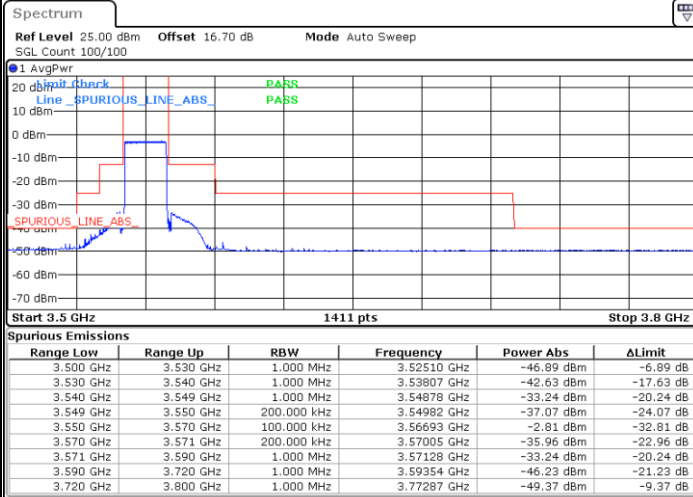


LTE Band 48 / 20MHz

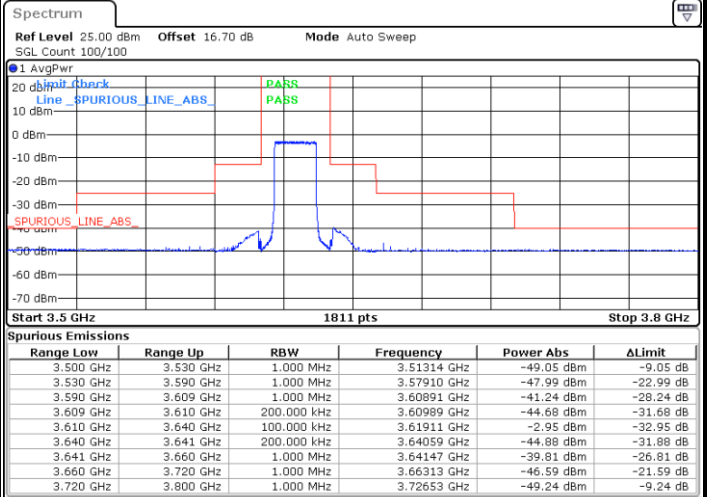
16QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



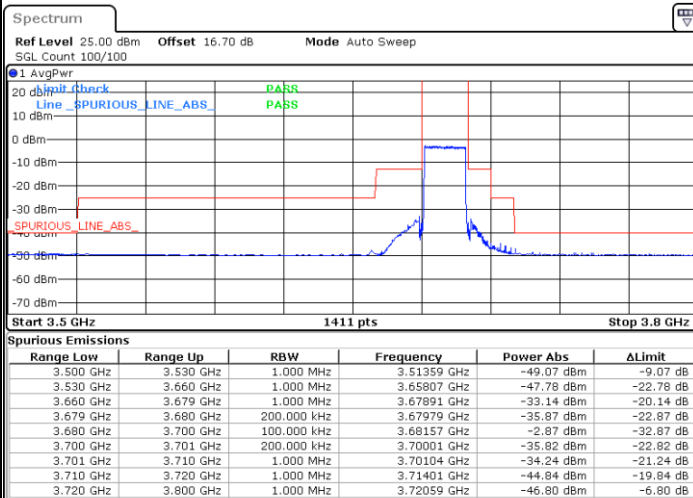
Date: 7.FEB.2025 17:20:35



Date: 7.FEB.2025 17:24:45

Highest Channel / FullIRB

N/A



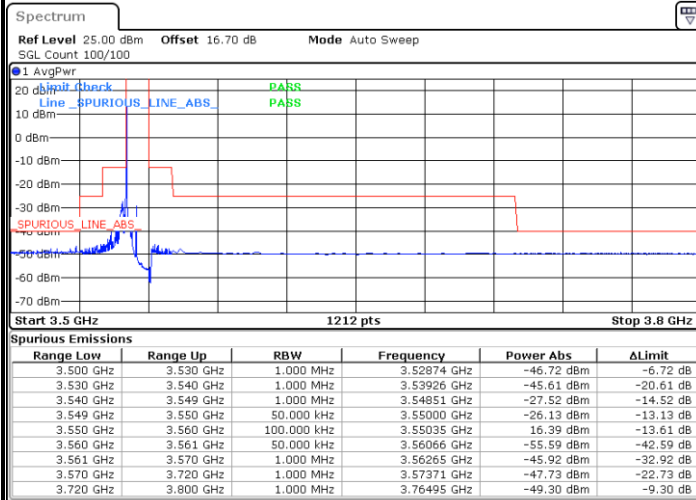
Date: 7.FEB.2025 17:28:54



LTE Band 48 / 5MHz

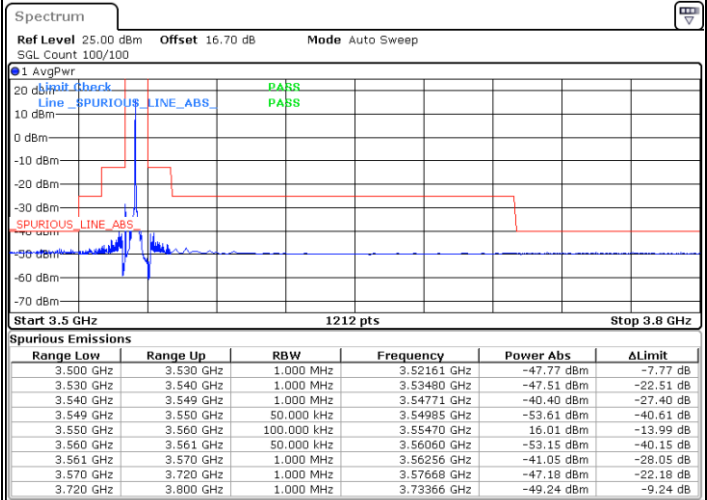
64QAM

Lowest Channel / 1RB0



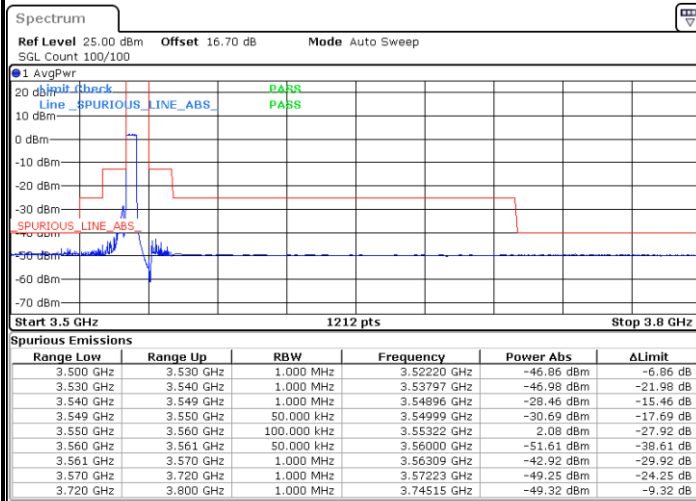
Date: 7.FEB.2025 16:18:51

Lowest Channel / 1RBmax



Date: 7.FEB.2025 16:43:55

Lowest Channel / FullIRB



Date: 7.FEB.2025 16:31:23

N/A

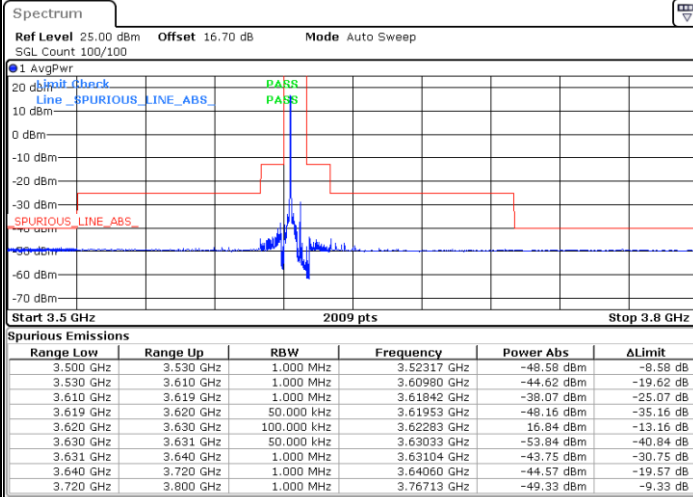


LTE Band 48 / 5MHz

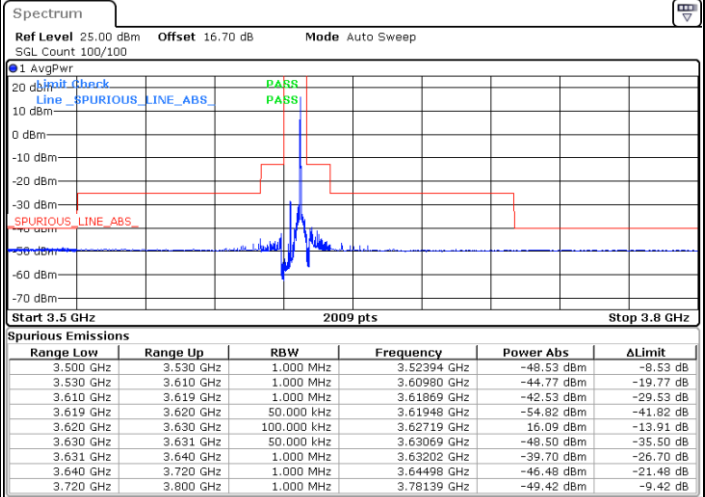
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



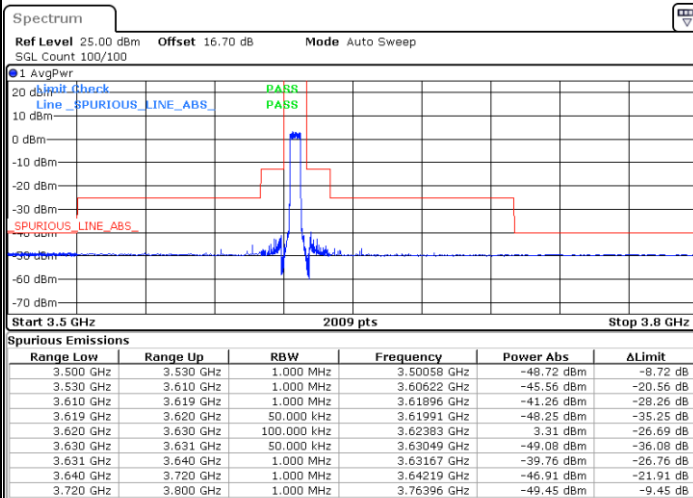
Date: 7.FEB.2025 16:23:00



Date: 7.FEB.2025 16:48:03

Middle Channel / FullRB

N/A



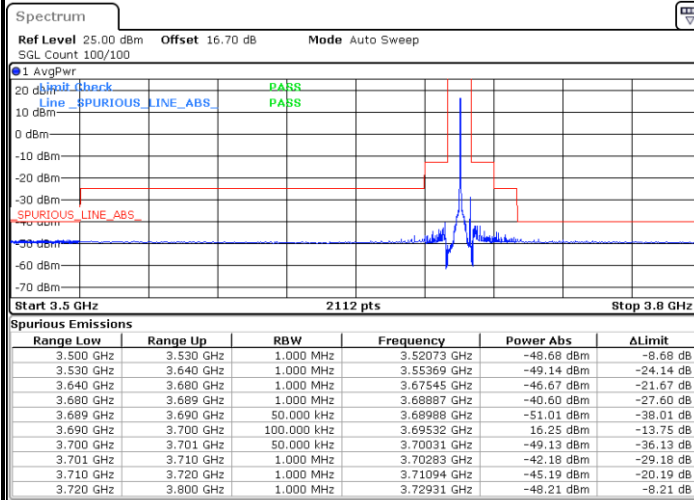
Date: 7.FEB.2025 16:35:32



LTE Band 48 / 5MHz

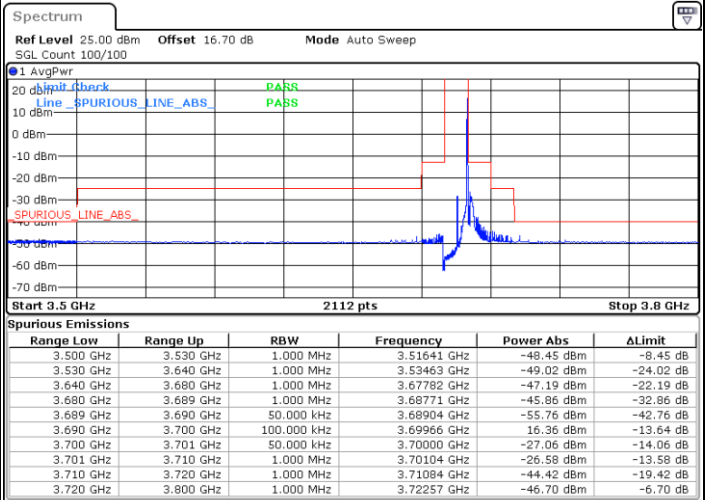
64QAM

Highest Channel / 1RB0



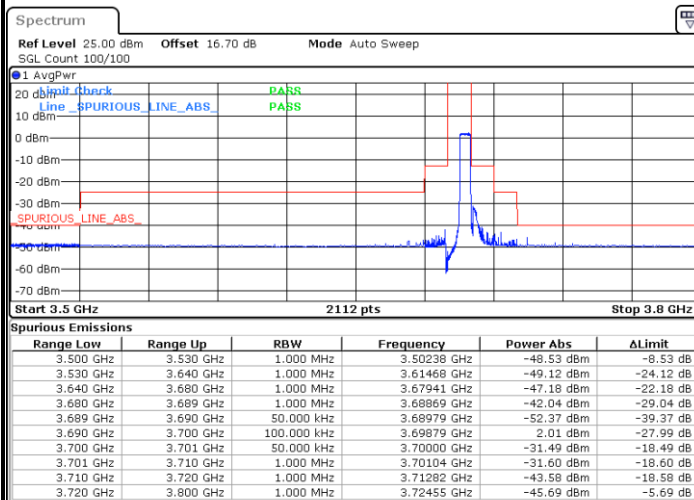
Date: 7.FEB.2025 16:27:09

Highest Channel / 1RBmax



Date: 7.FEB.2025 16:52:13

Highest Channel / FullIRB



Date: 7.FEB.2025 16:39:41

N/A

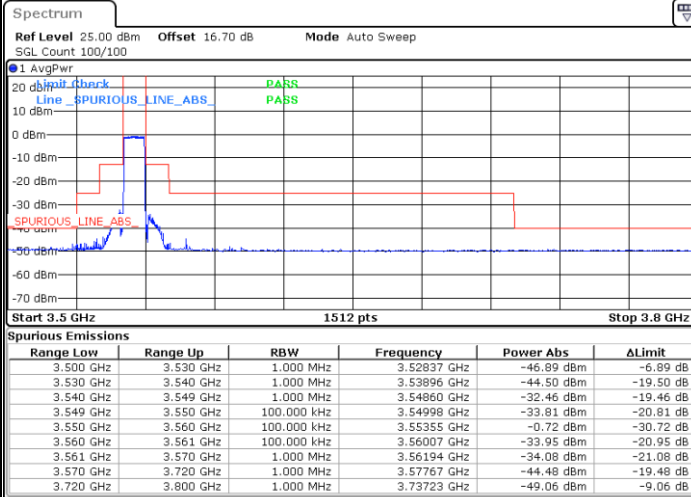


LTE Band 48 / 10MHz

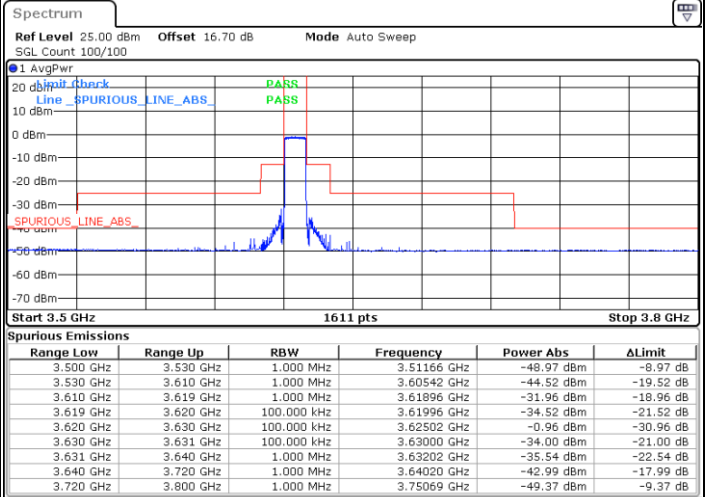
64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



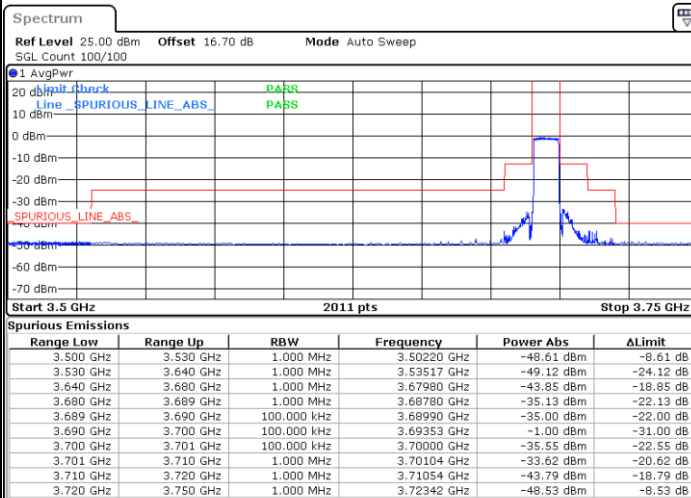
Date: 7.FEB.2025 16:56:29



Date: 7.FEB.2025 17:00:38

Highest Channel / FullIRB

N/A



Date: 7.FEB.2025 17:04:47

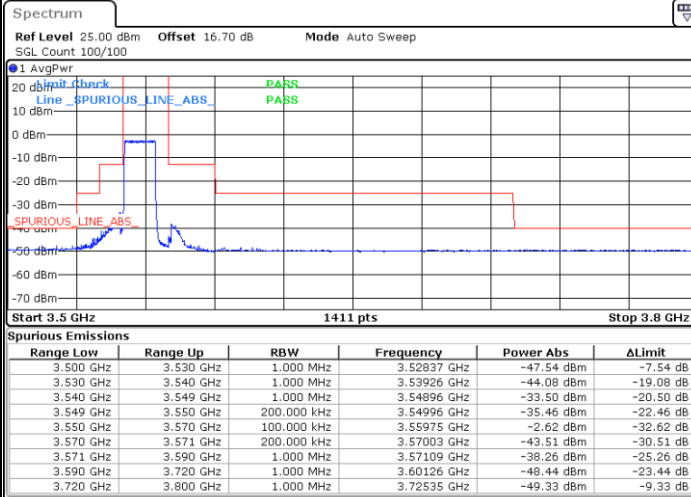


LTE Band 48 / 15MHz

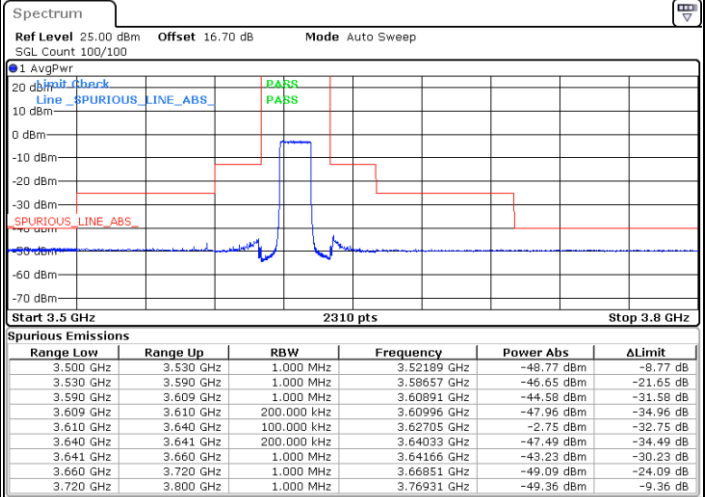
64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



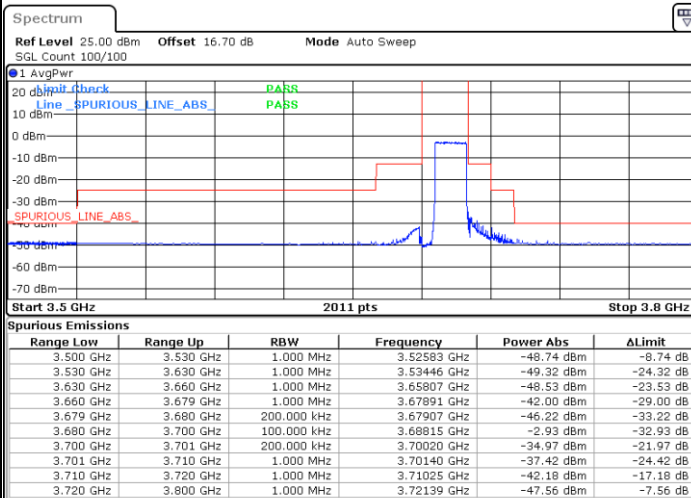
Date: 7.FEB.2025 17:09:03



Date: 7.FEB.2025 17:13:11

Highest Channel / FullIRB

N/A



Date: 7.FEB.2025 17:17:21

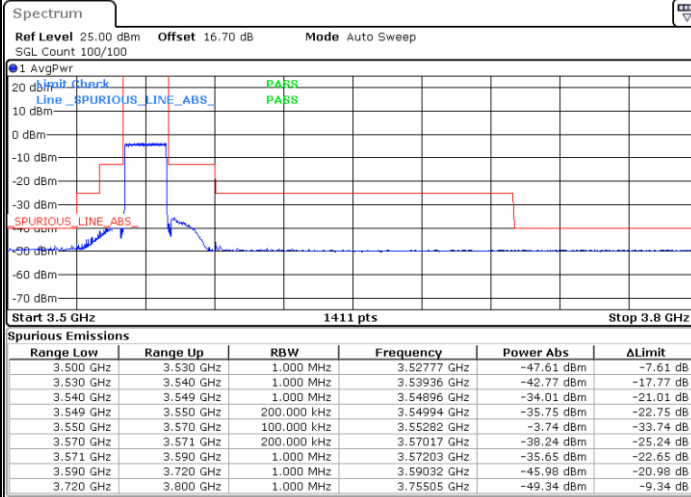


LTE Band 48 / 20MHz

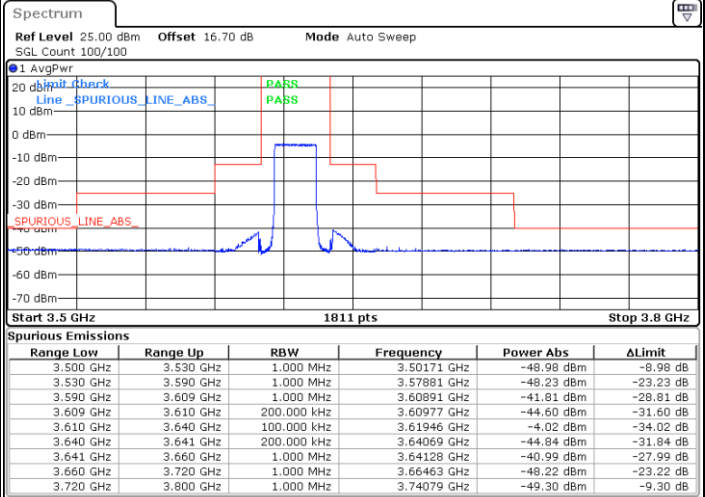
64QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



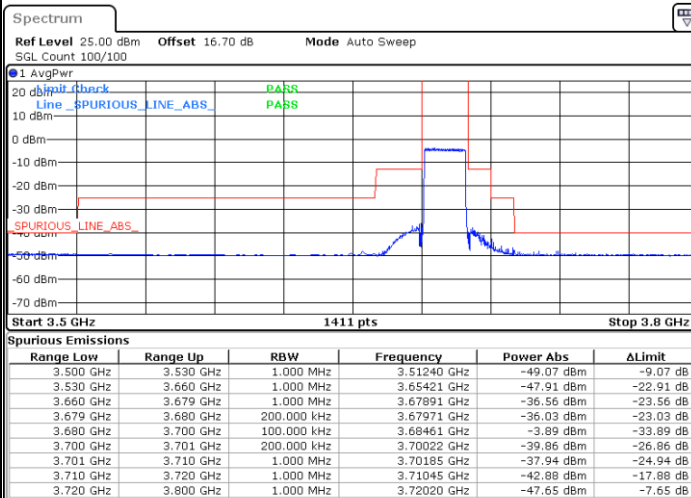
Date: 7.FEB.2025 17:21:38



Date: 7.FEB.2025 17:25:47

Highest Channel / FullIRB

N/A



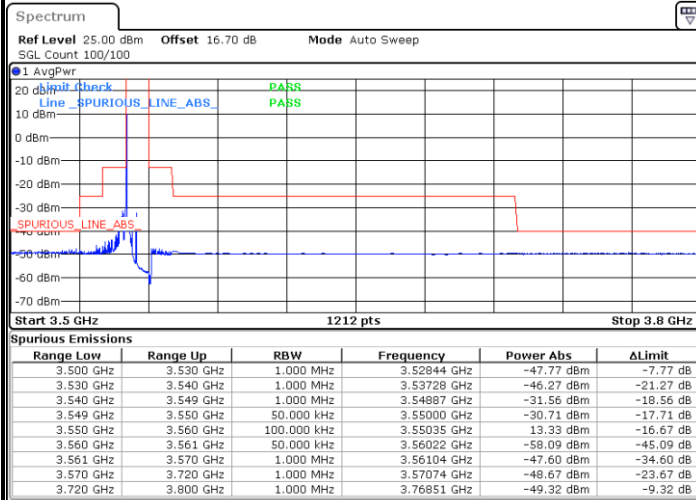
Date: 7.FEB.2025 17:29:57



LTE Band 48 / 5MHz

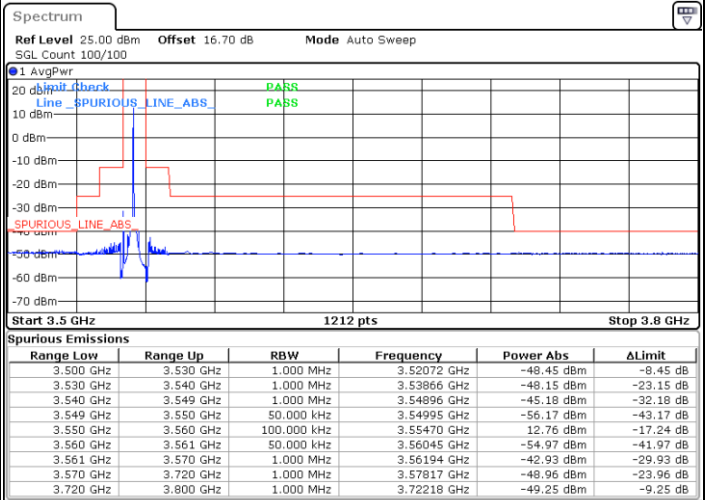
256QAM

Lowest Channel / 1RB0



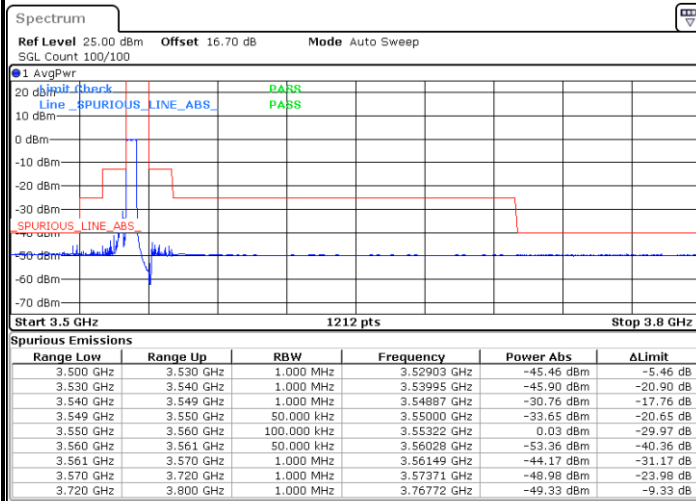
Date: 7.FEB.2025 16:19:54

Lowest Channel / 1RBmax



Date: 7.FEB.2025 16:44:57

Lowest Channel / FullIRB



Date: 7.FEB.2025 16:32:25

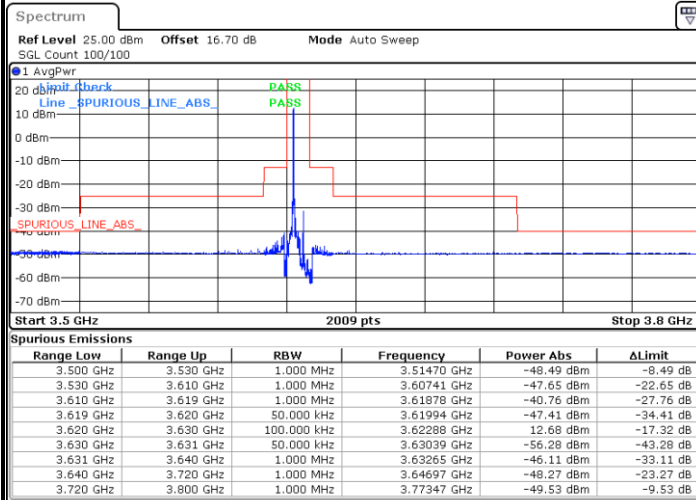
N/A



LTE Band 48 / 5MHz

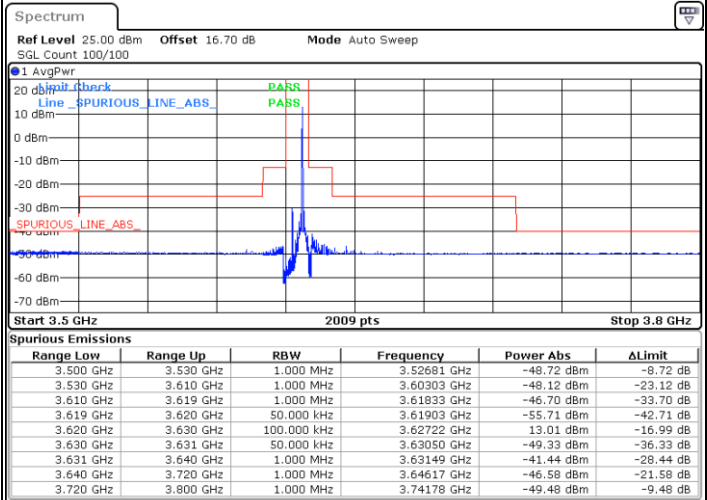
256QAM

Middle Channel / 1RB0



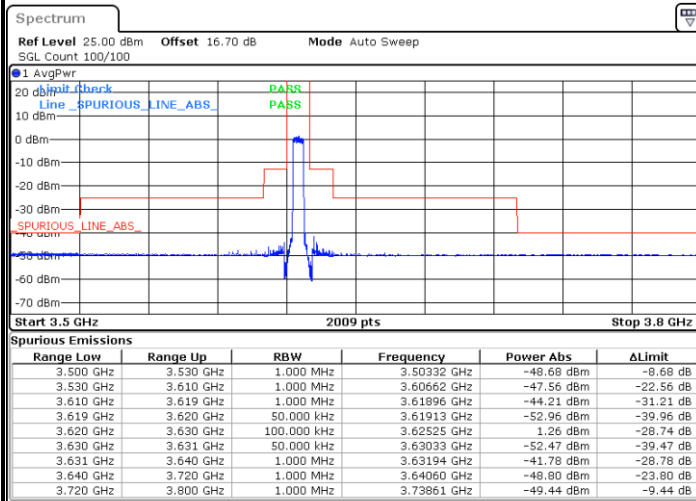
Date: 7.FEB.2025 16:24:02

Middle Channel / 1RBmax



Date: 7.FEB.2025 16:49:05

Middle Channel / FullRB



Date: 7.FEB.2025 16:36:34

N/A

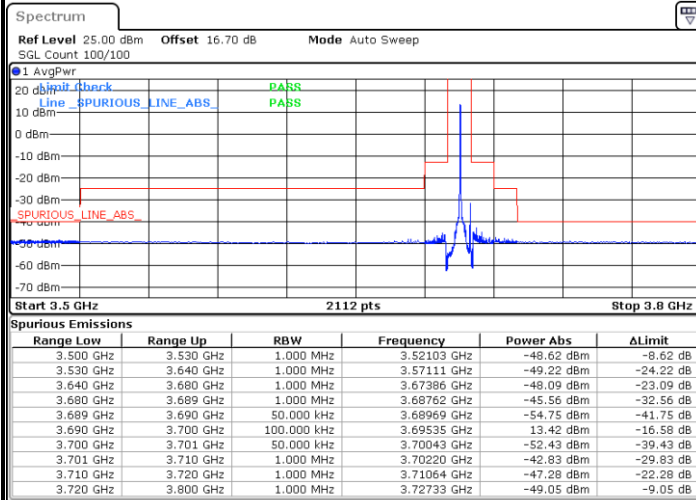


LTE Band 48 / 5MHz

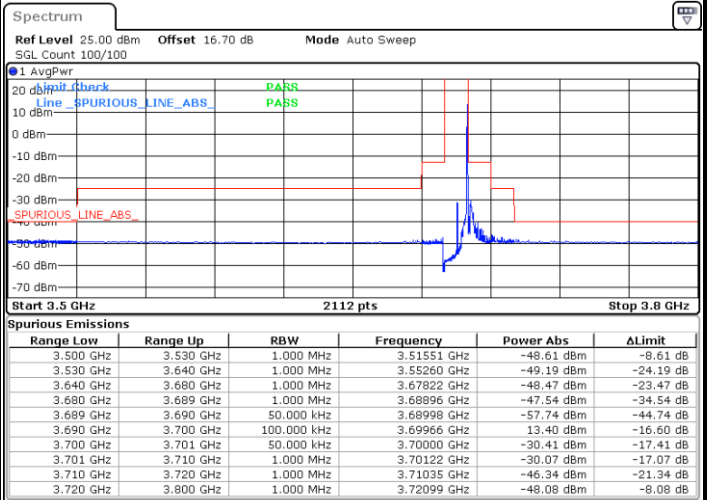
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



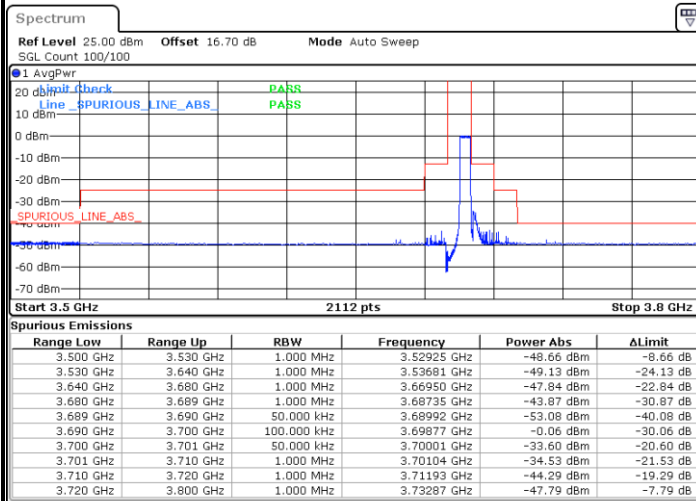
Date: 7.FEB.2025 16:28:12



Date: 7.FEB.2025 16:53:16

Highest Channel / FullIRB

N/A



Date: 7.FEB.2025 16:40:44

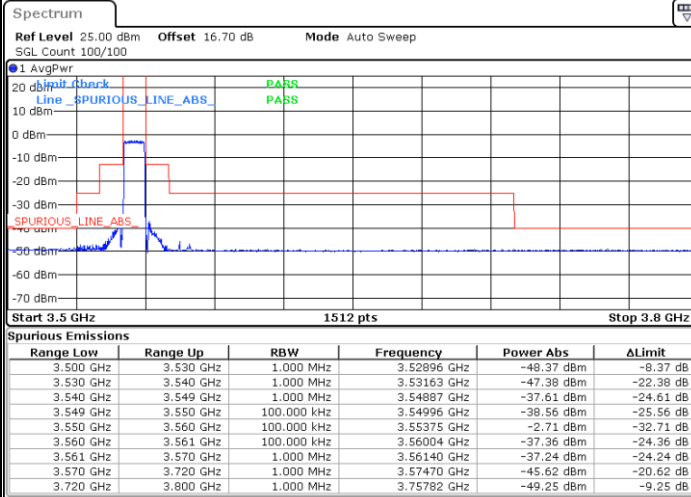


LTE Band 48 / 10MHz

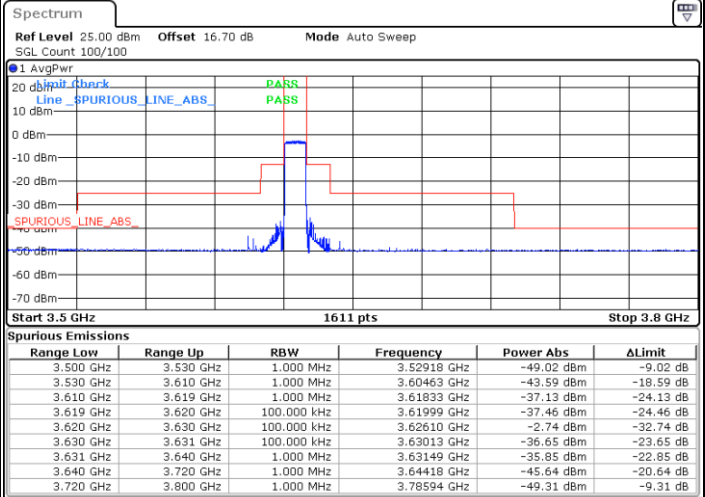
256QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



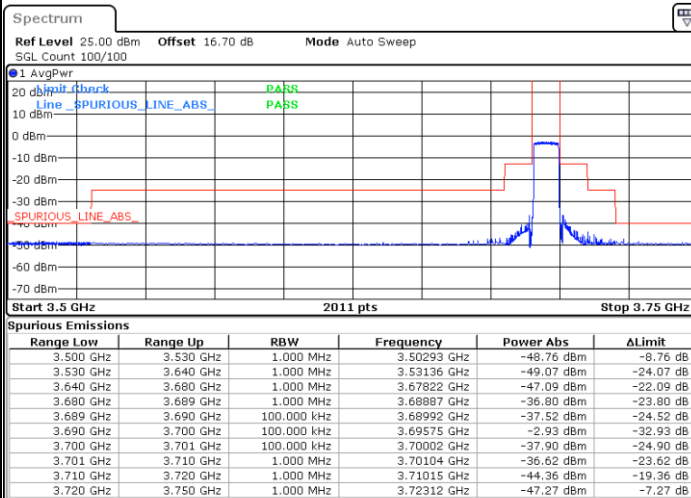
Date: 7.FEB.2025 16:57:31



Date: 7.FEB.2025 17:01:40

Highest Channel / FullIRB

N/A



Date: 7.FEB.2025 17:05:50

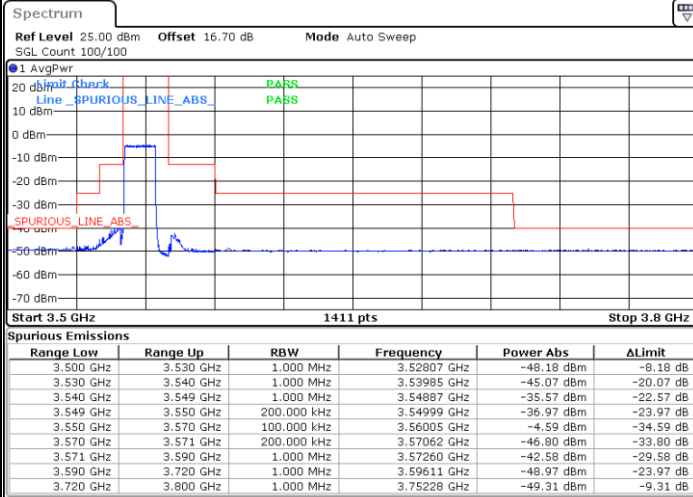


LTE Band 48 / 15MHz

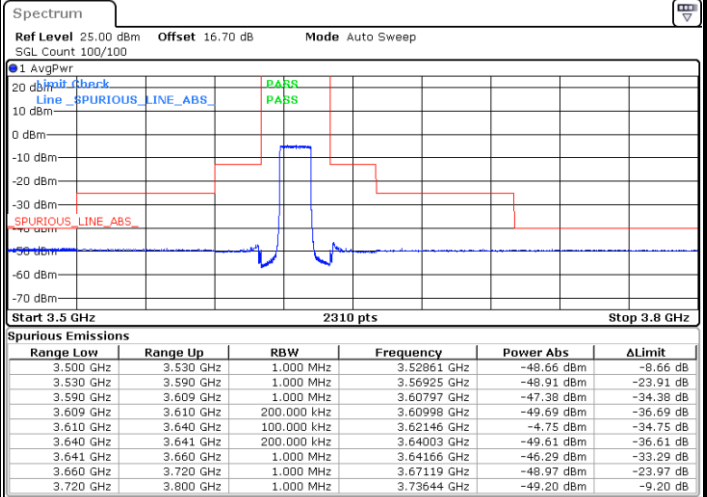
256QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



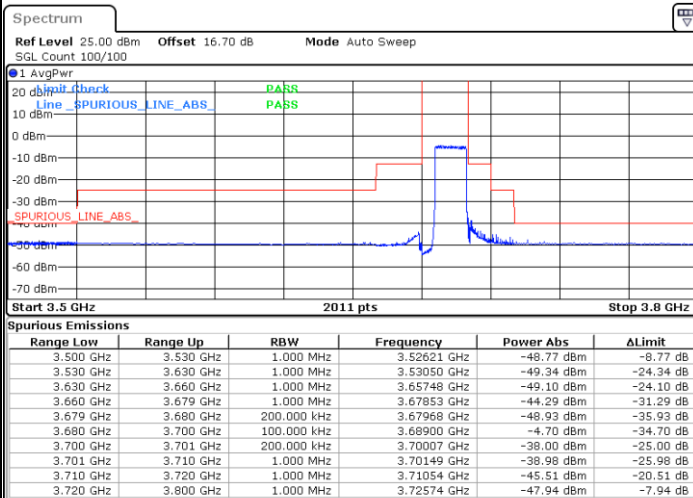
Date: 7.FEB.2025 17:10:05



Date: 7.FEB.2025 17:14:14

Highest Channel / FullIRB

N/A



Date: 7.FEB.2025 17:18:24

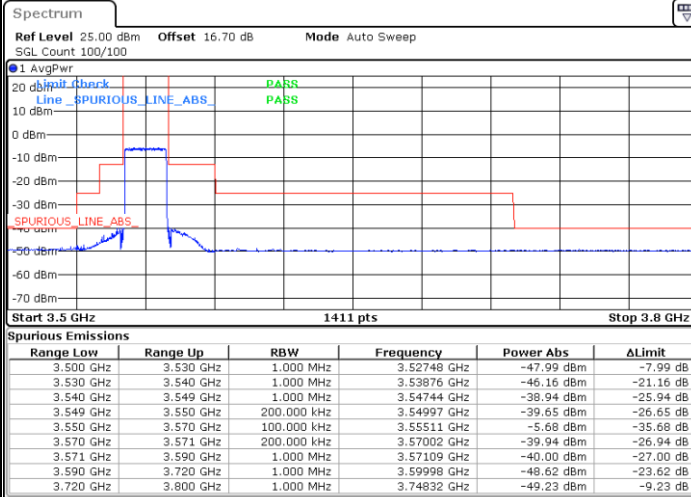


LTE Band 48 / 20MHz

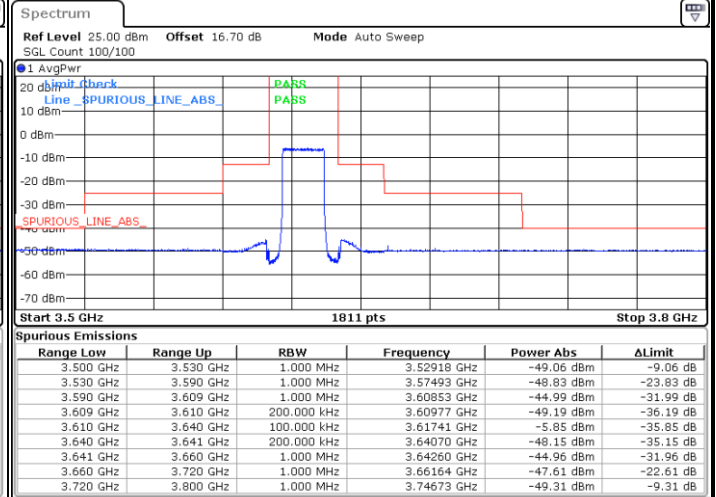
256QAM

Lowest Channel / FullIRB

Middle Channel / FullIRB



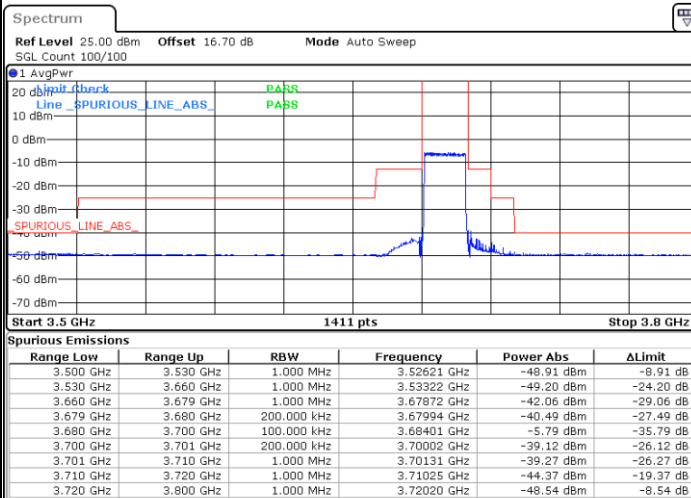
Date: 7.FEB.2025 17:22:41



Date: 7.FEB.2025 17:26:49

Highest Channel / FullIRB

N/A



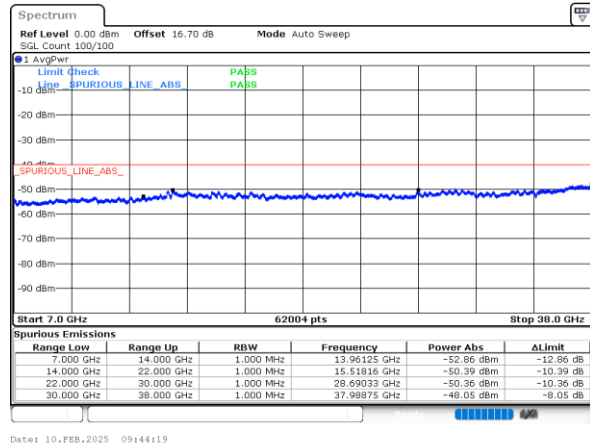
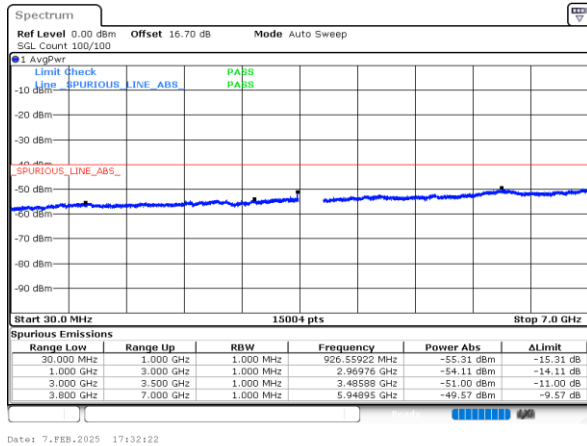
Date: 7.FEB.2025 17:30:59



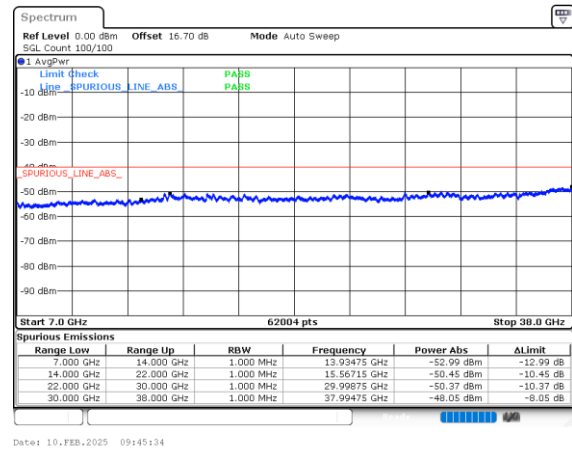
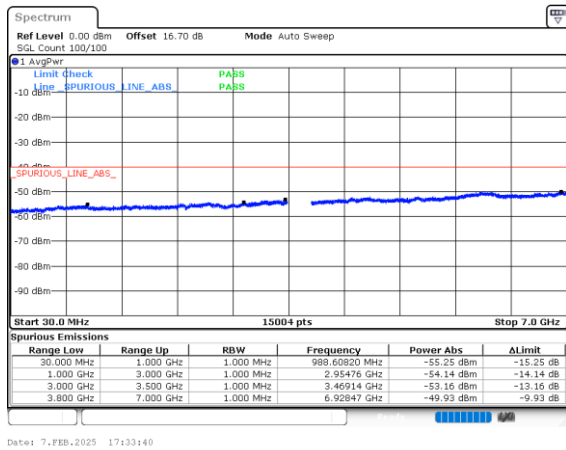
Conducted Spurious Emission

LTE Band 48 / 5MHz

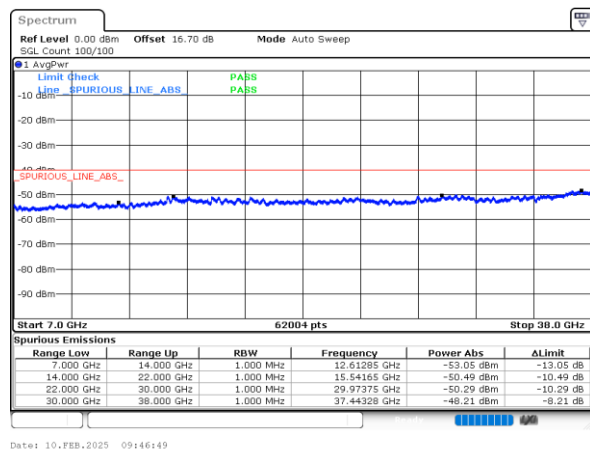
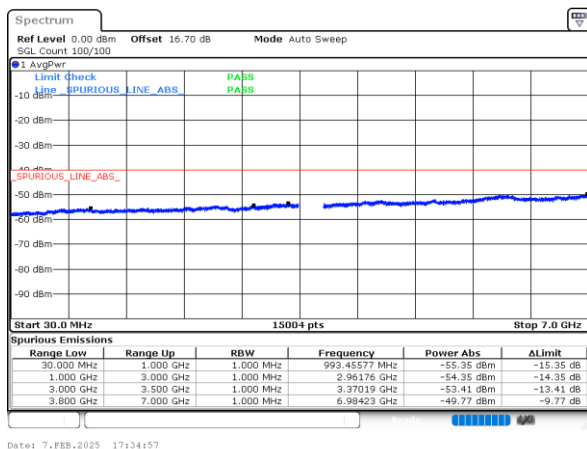
Lowest Channel / QPSK



Middle Channel / QPSK



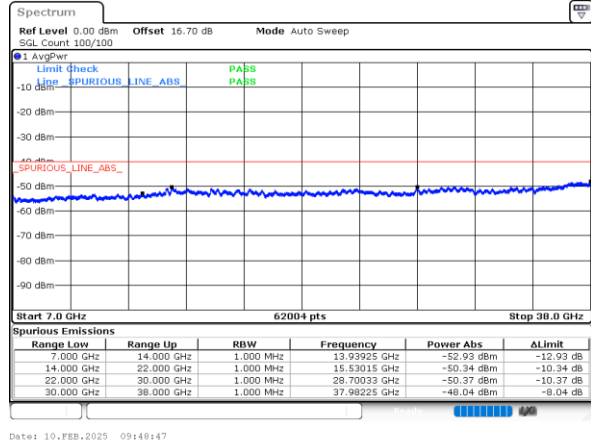
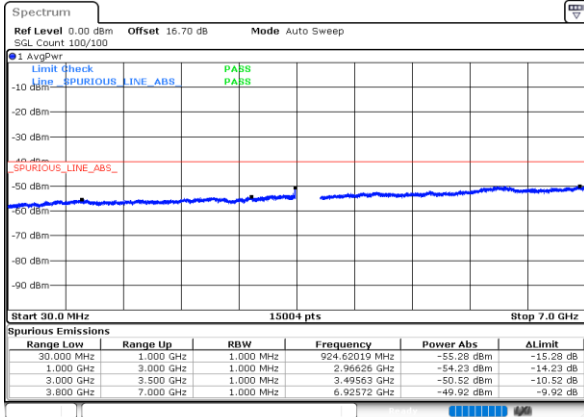
Highest Channel / QPSK



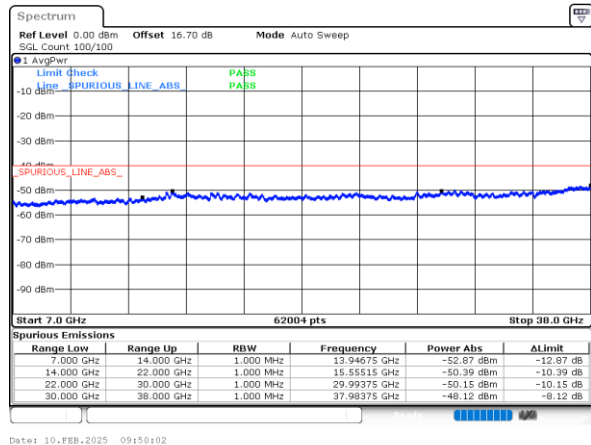
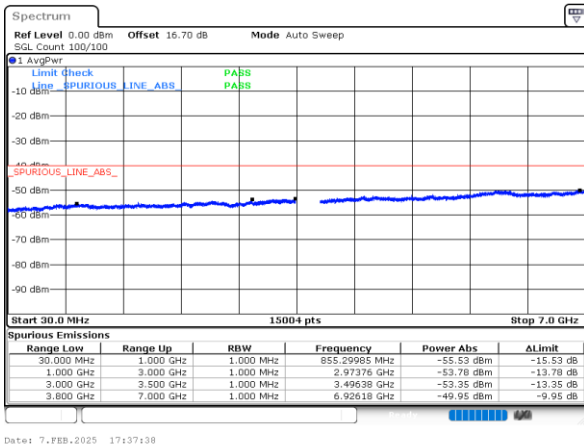


LTE Band 48 / 10MHz

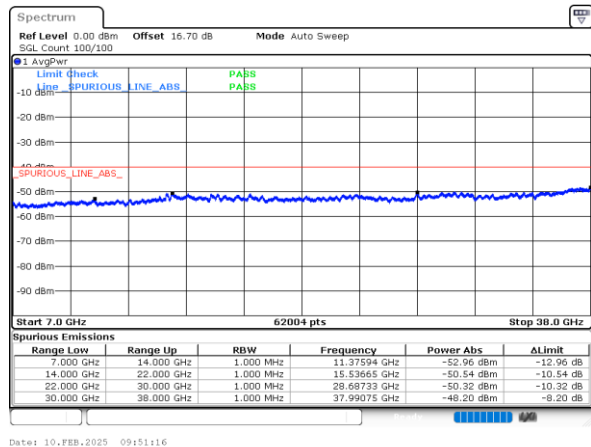
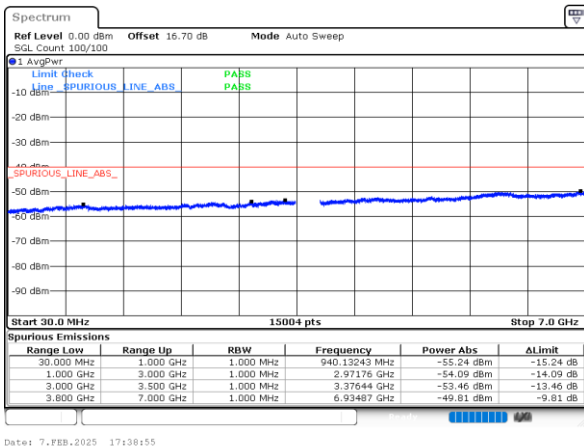
Lowest Channel / QPSK



Middle Channel / QPSK



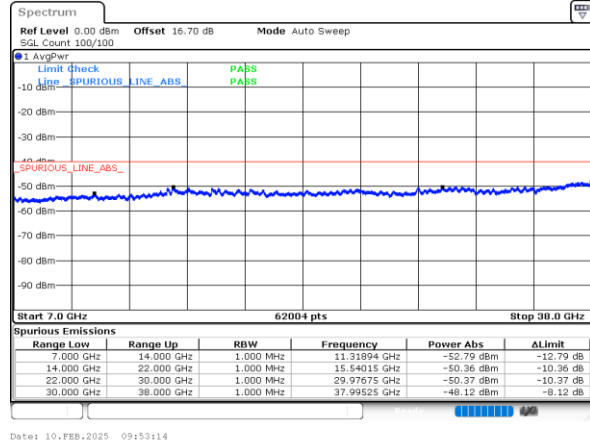
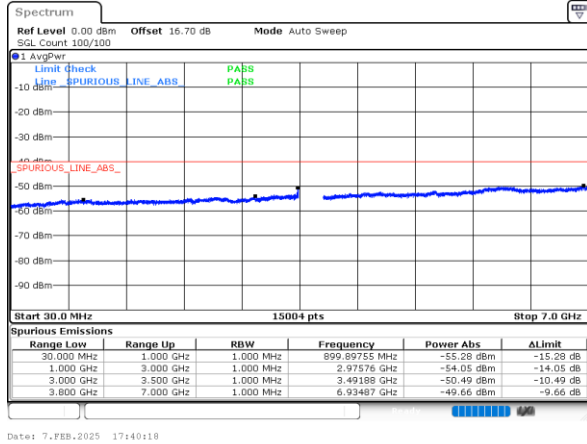
Highest Channel / QPSK



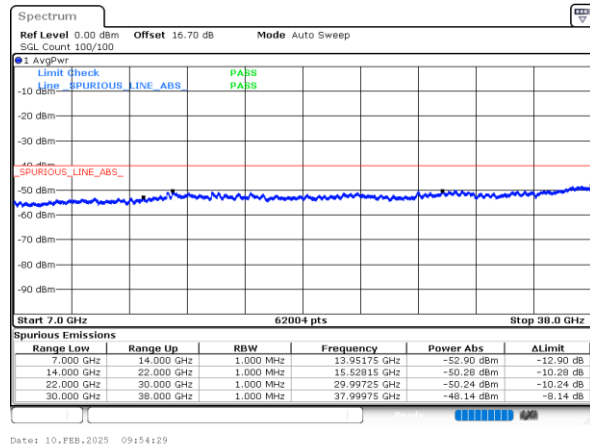
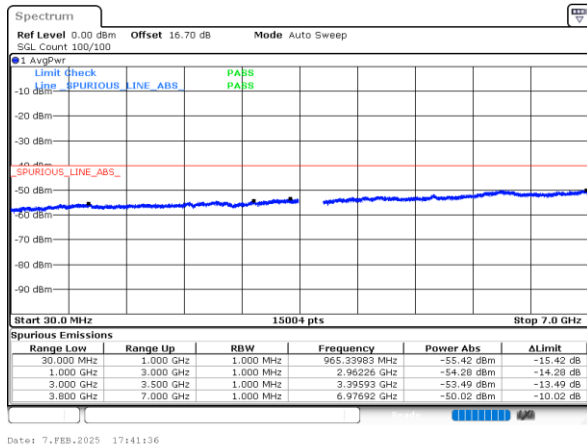


LTE Band 48 / 15MHz

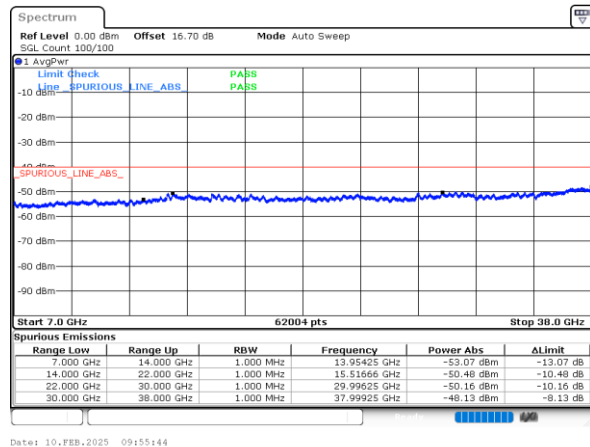
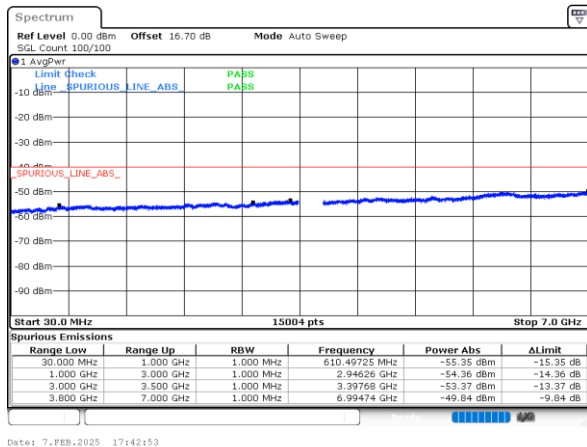
Lowest Channel / QPSK



Middle Channel / QPSK



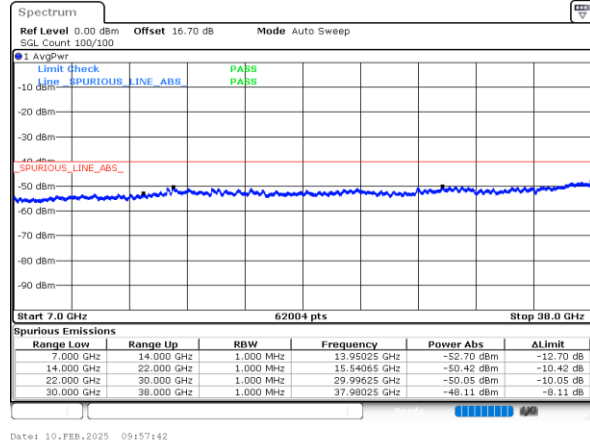
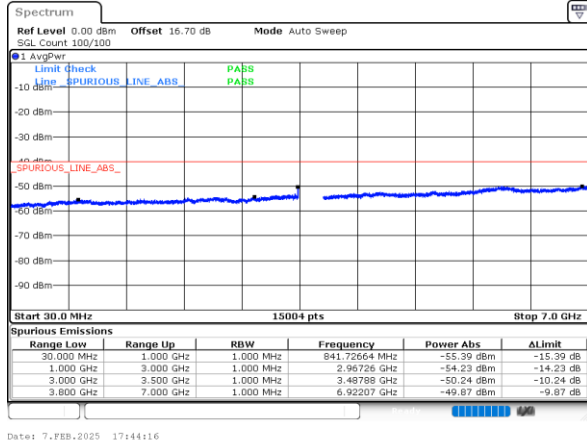
Highest Channel / QPSK



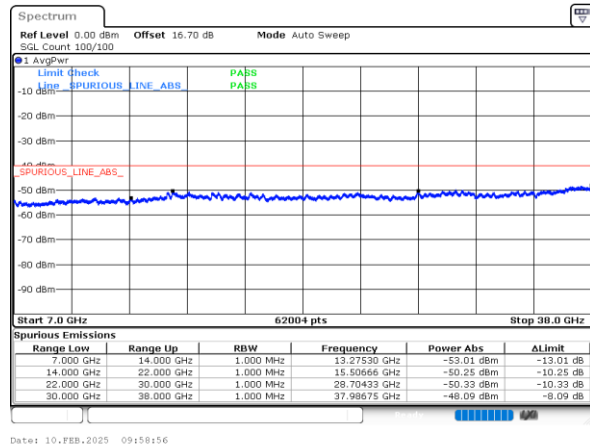
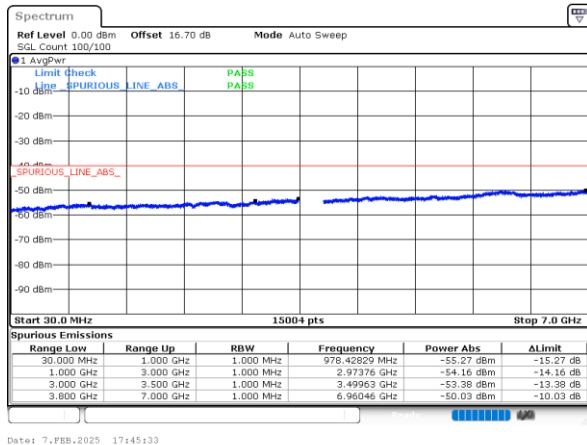


LTE Band 48 / 20MHz

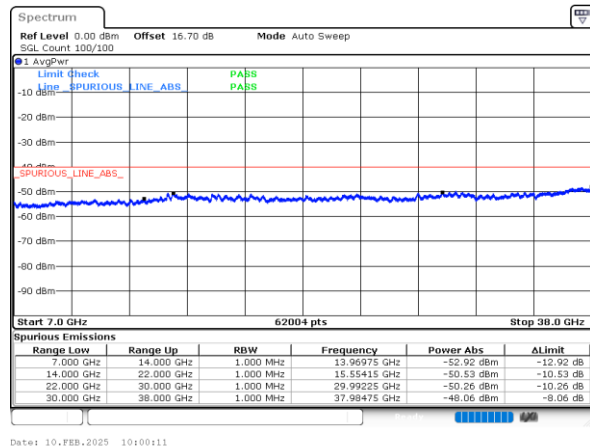
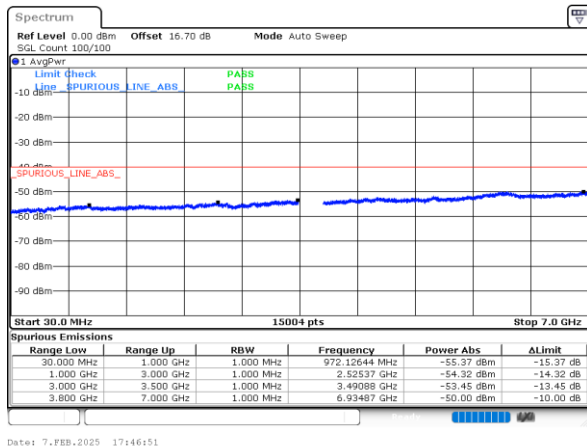
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK



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	0.0002	PASS
40	Normal Voltage	0.0024	
30	Normal Voltage	0.0024	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0009	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

LTE Band 48C

26dB Bandwidth

Mode	LTE Band 48C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.67	29.97	34.96	24.77
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.96	39.79	-

Mode	LTE Band 48C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.87	29.91	35.03	24.92
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.08	35.31	39.79	-

Mode	LTE Band 48C : 26dB BW(MHz)			
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.87	29.96	34.75	24.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.96	34.75	39.88	-

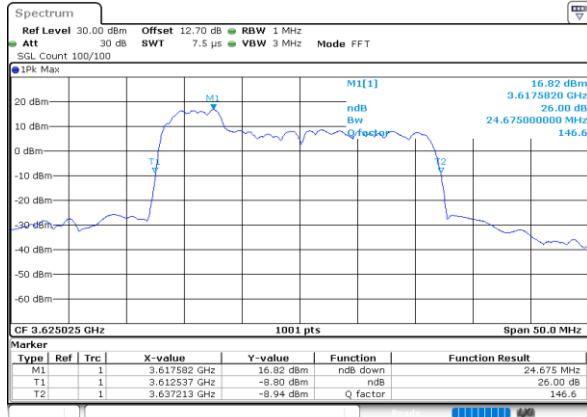
Mode	LTE Band 48C : 26dB BW(MHz)			
256QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.82	29.96	34.89	24.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.96	34.89	39.79	-



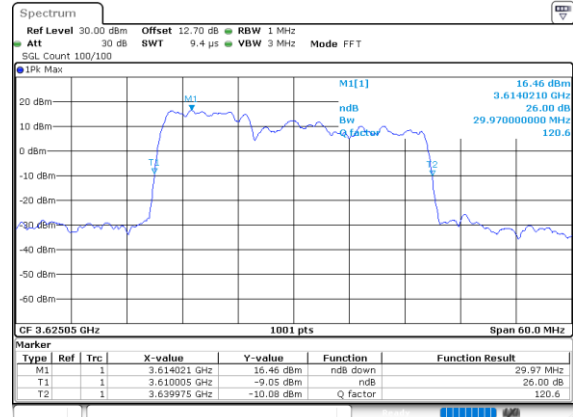
LTE Band 48C

QPSK

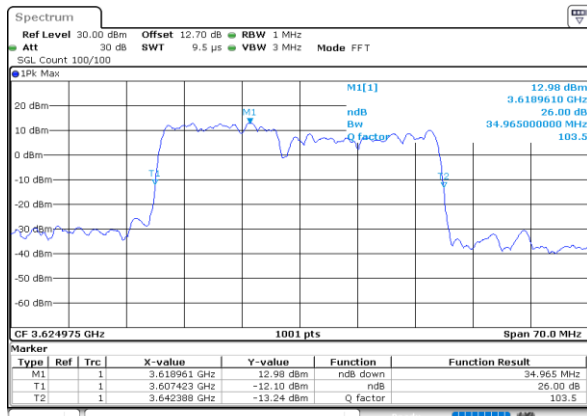
Middle Channel / 5MHz+20MHz



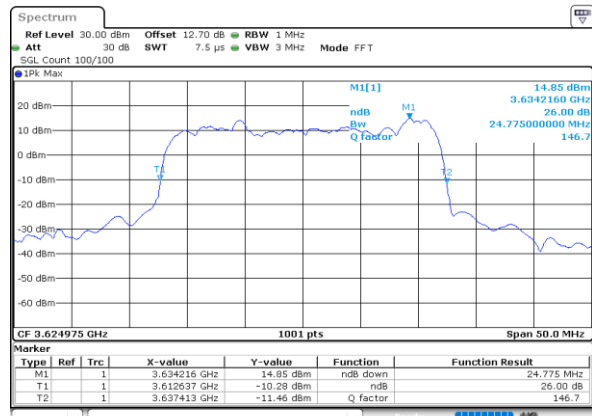
Middle Channel / 10MHz+20MHz



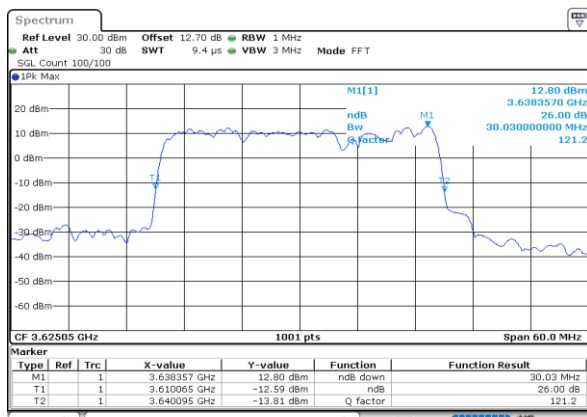
Middle Channel / 15MHz+20MHz



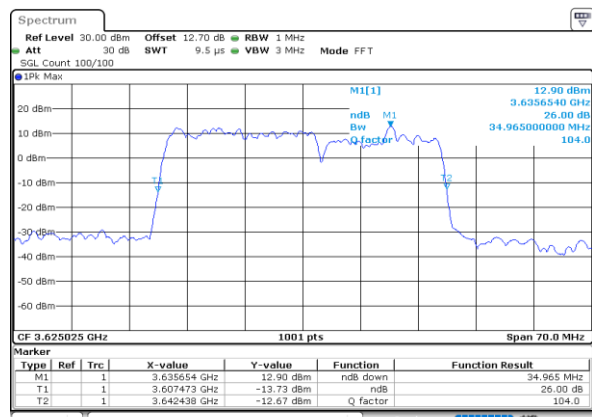
Middle Channel / 20MHz+5MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



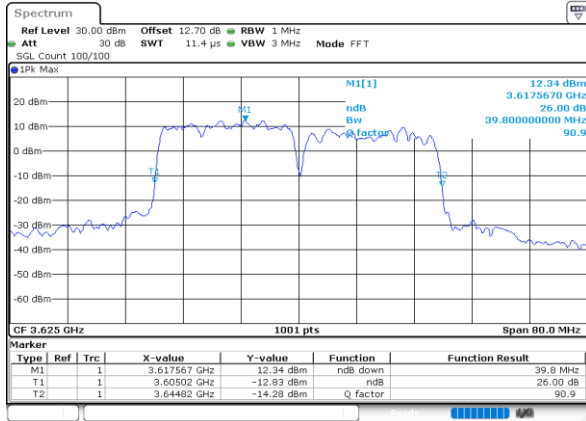


LTE Band 48C

QPSK

Middle Channel / 20MHz+20MHz

N/A

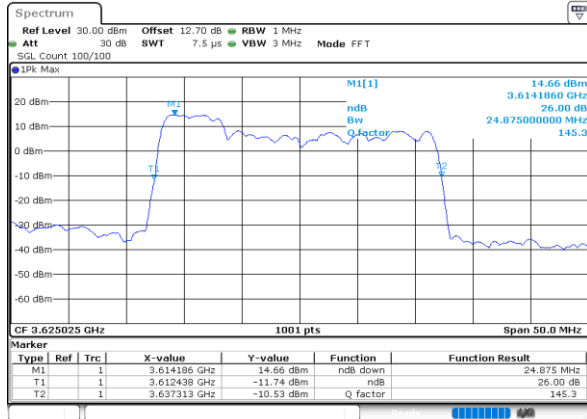




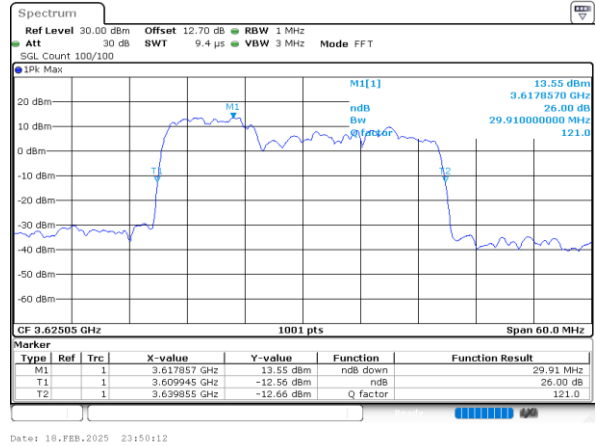
LTE Band 48C

16QAM

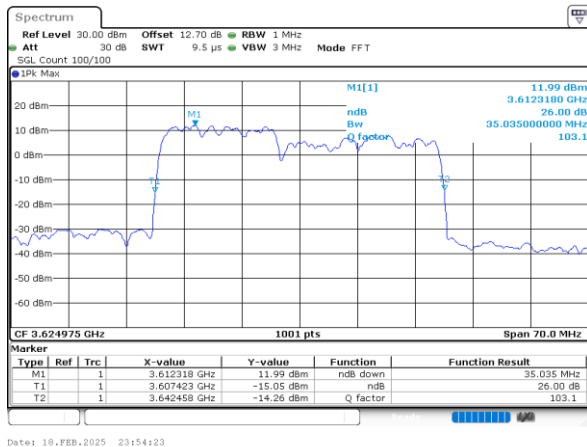
Middle Channel / 5MHz+20MHz



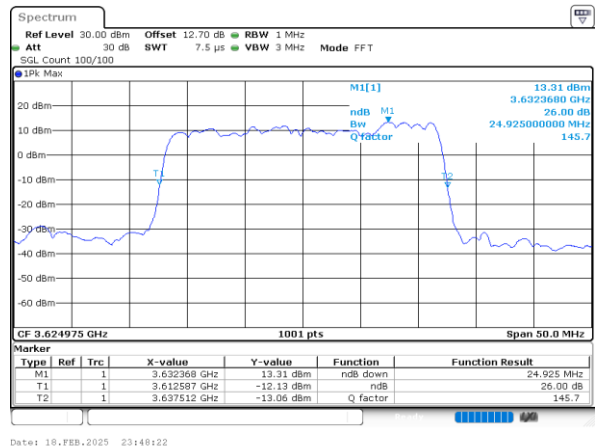
Middle Channel / 10MHz+20MHz



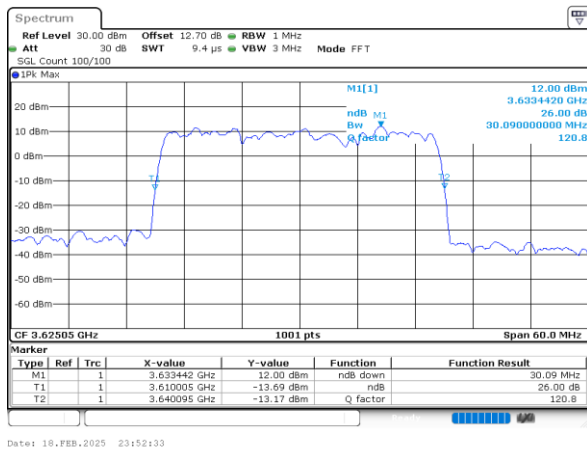
Middle Channel / 15MHz+20MHz



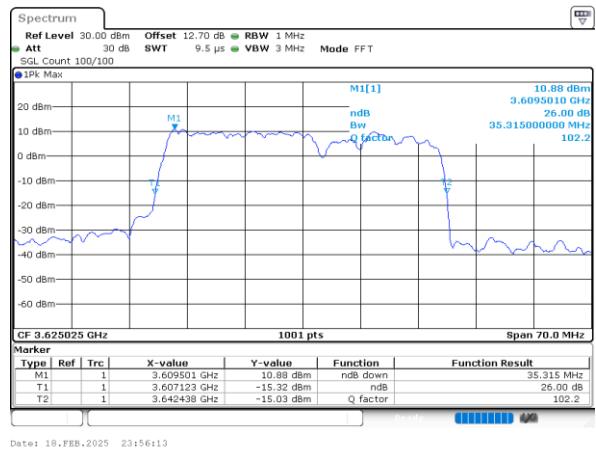
Middle Channel / 20MHz+5MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz





LTE Band 48C

16QAM

Middle Channel / 20MHz+20MHz

N/A

