

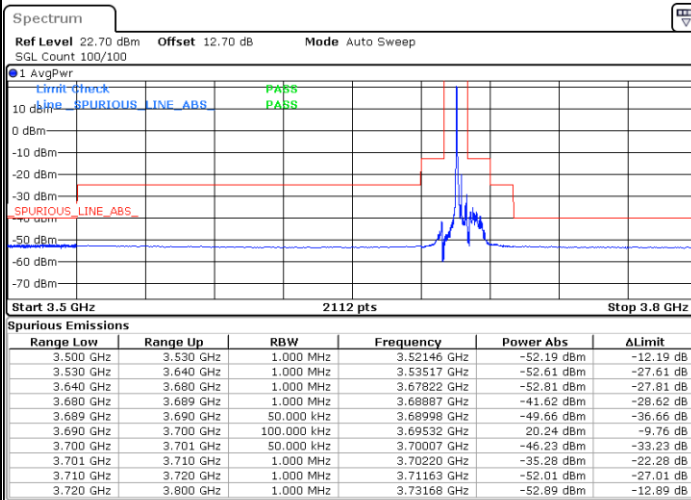


LTE Band 48 / 5MHz

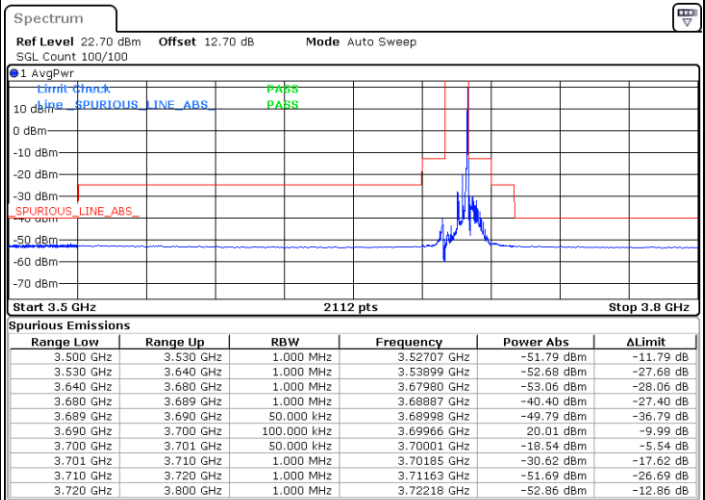
QPSK

Highest Channel / 1RB0

Highest Channel / 1RBmax



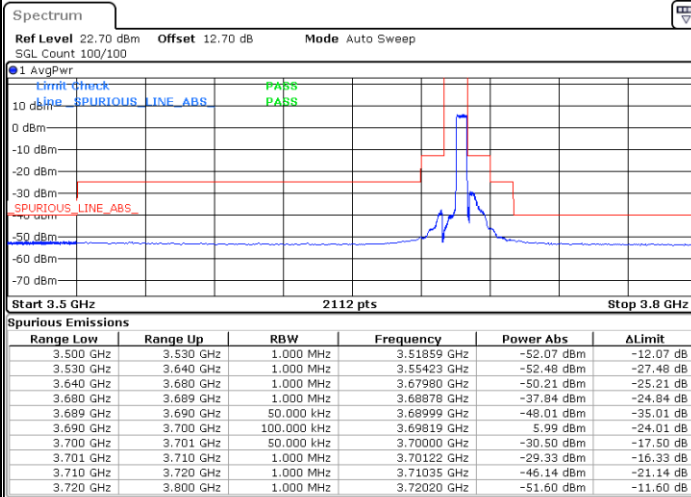
Date: 2.SEP.2026 15:35:35



Date: 2.SEP.2026 15:43:15

Highest Channel / FullIRB

N/A



Date: 2.SEP.2026 15:39:25

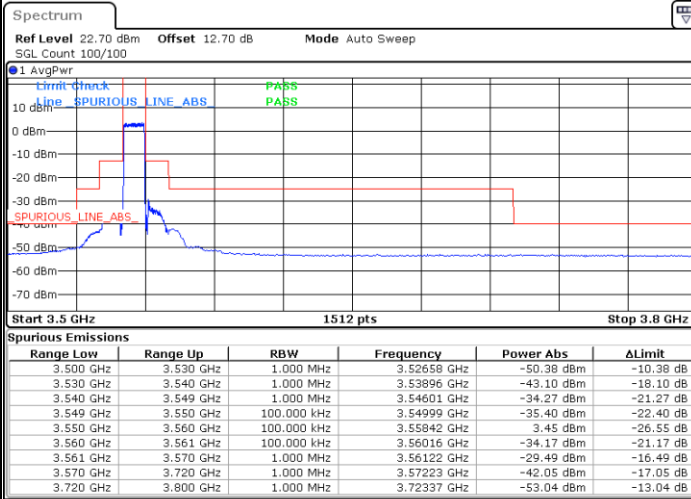


LTE Band 48 / 10MHz

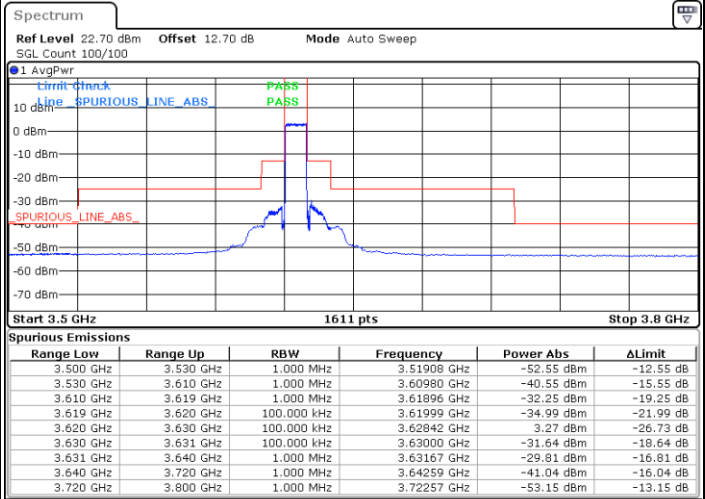
QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB



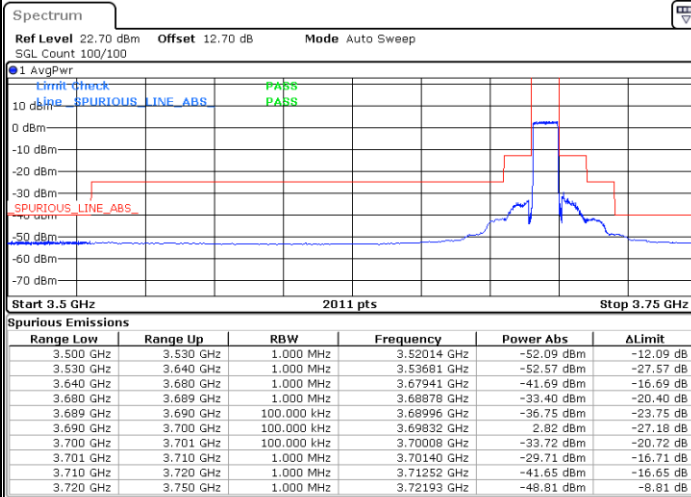
Date: 2.SEP.2026 15:44:30



Date: 2.SEP.2026 15:45:45

Highest Channel / FullIRB

N/A



Date: 2.SEP.2026 15:47:00

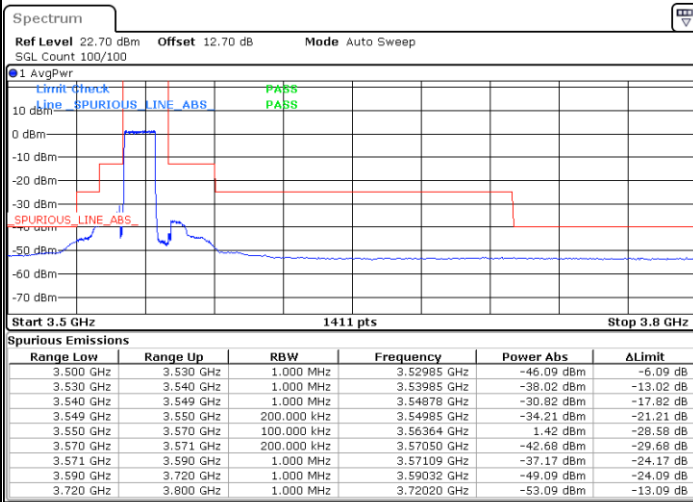


LTE Band 48 / 15MHz

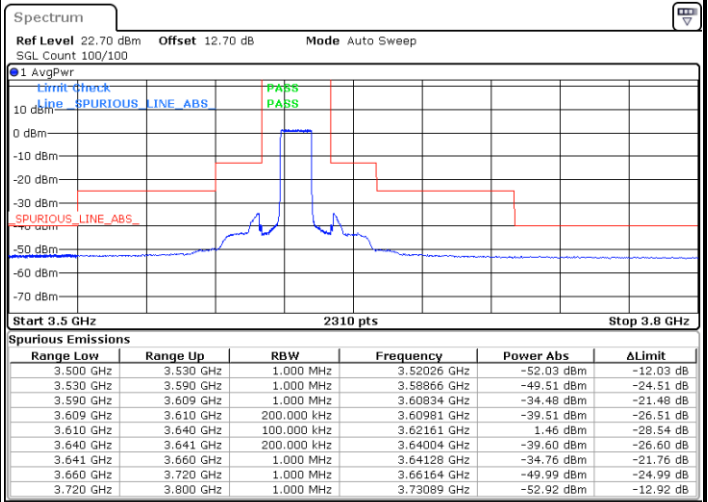
QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB



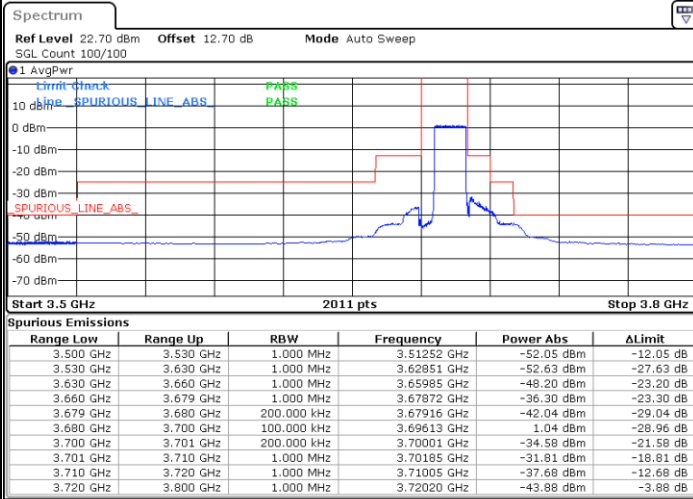
Date: 2.SEP.2026 15:48:16



Date: 2.SEP.2026 15:49:32

Highest Channel / FullIRB

N/A



Date: 2.SEP.2026 14:59:16

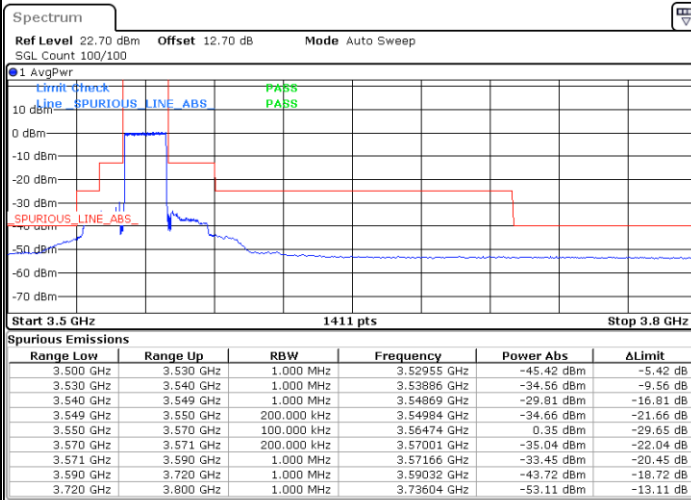


LTE Band 48 / 20MHz

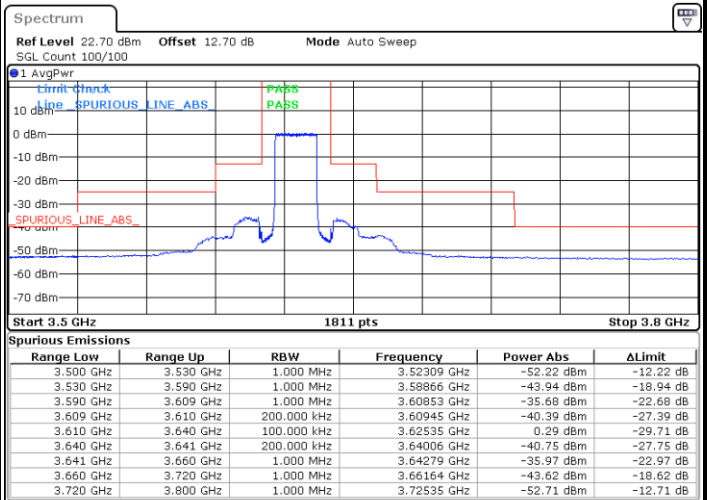
QPSK

Lowest Channel / FullIRB

Middle Channel / FullIRB



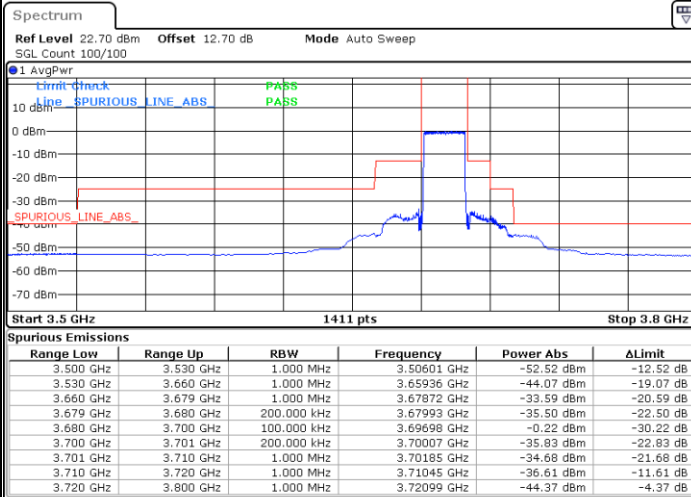
Date: 2.SEP.2026 15:52:04



Date: 2.SEP.2026 15:53:19

Highest Channel / FullIRB

N/A



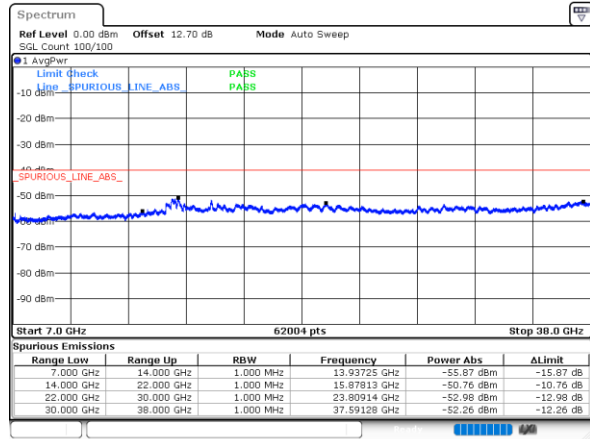
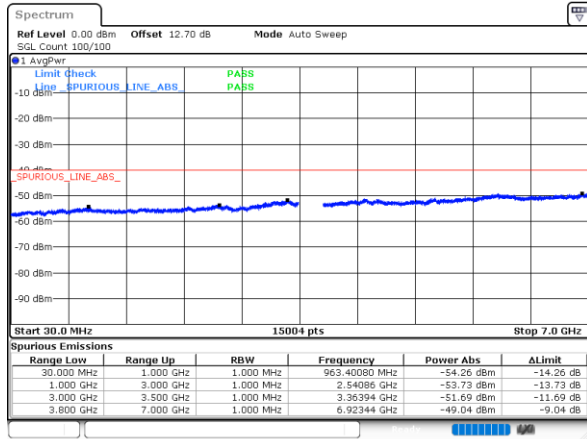
Date: 2.SEP.2026 15:54:35



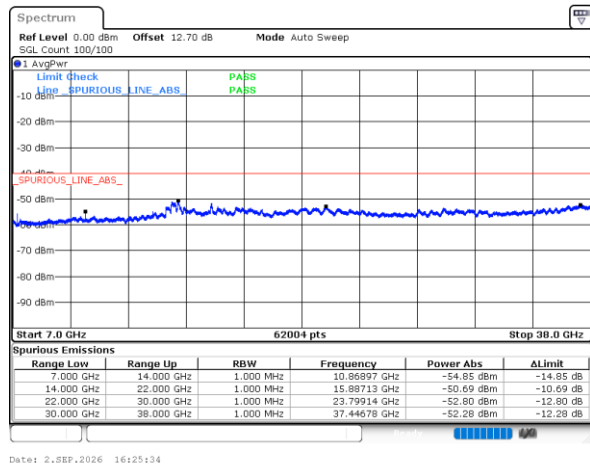
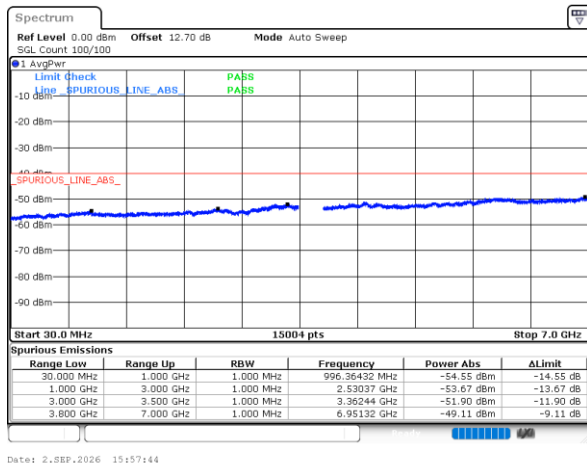
Conducted Spurious Emission

LTE Band 48 / 5MHz

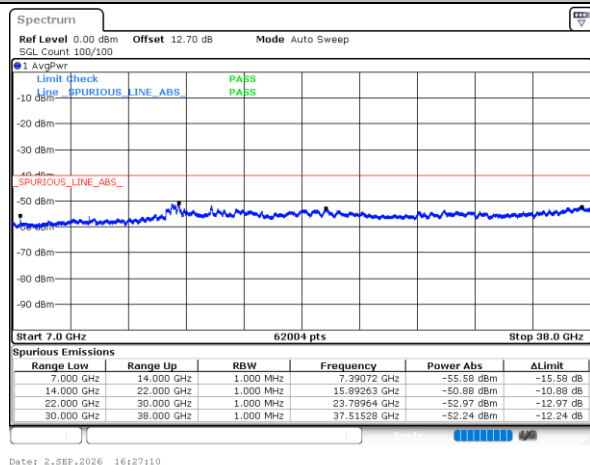
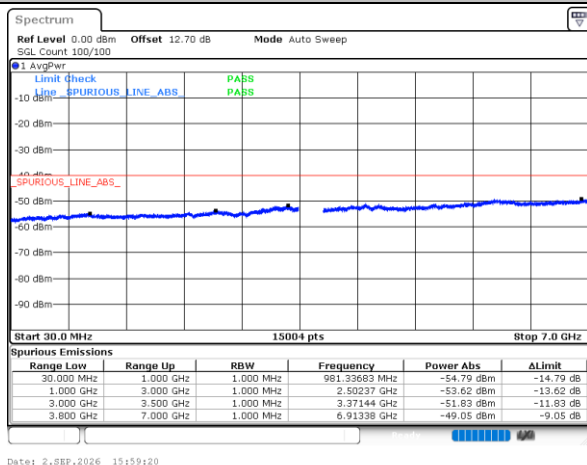
Lowest Channel / QPSK



Middle Channel / QPSK



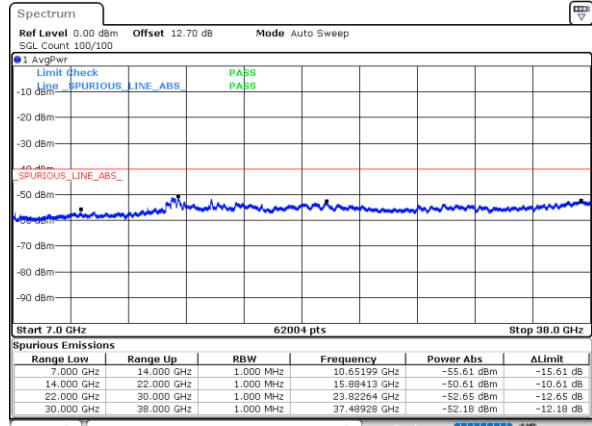
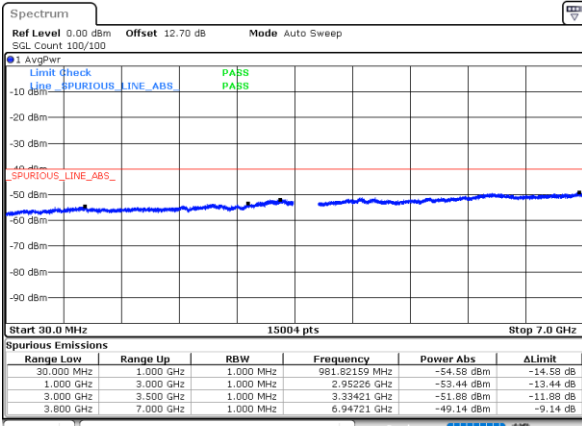
Highest Channel / QPSK



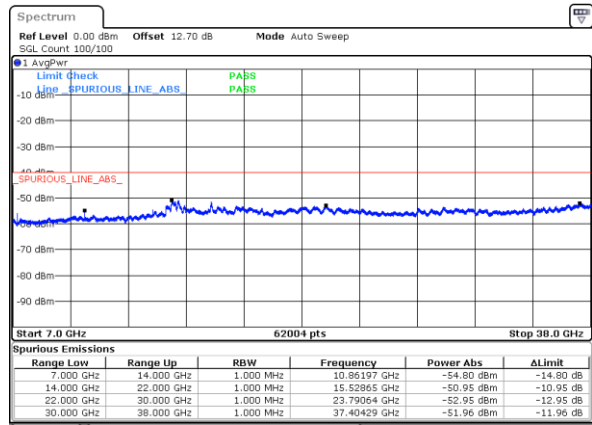
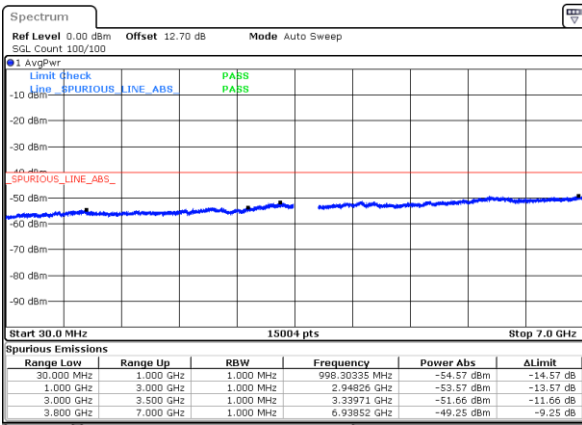


LTE Band 48 / 10MHz

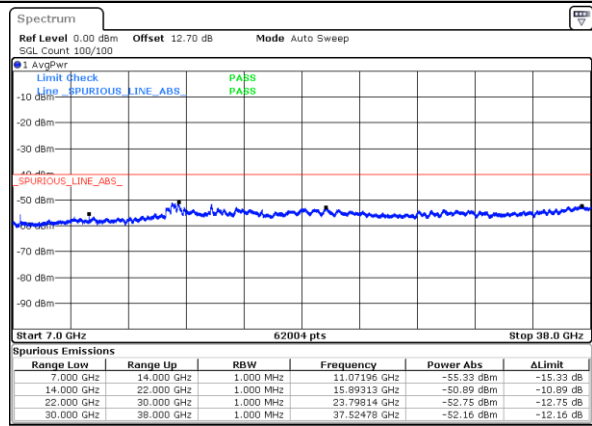
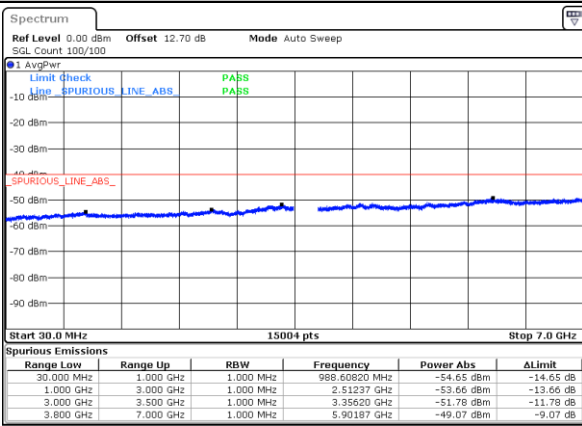
Lowest Channel / QPSK



Middle Channel / QPSK



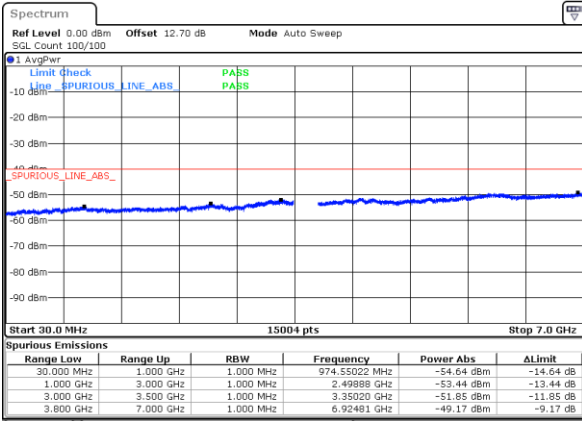
Highest Channel / QPSK



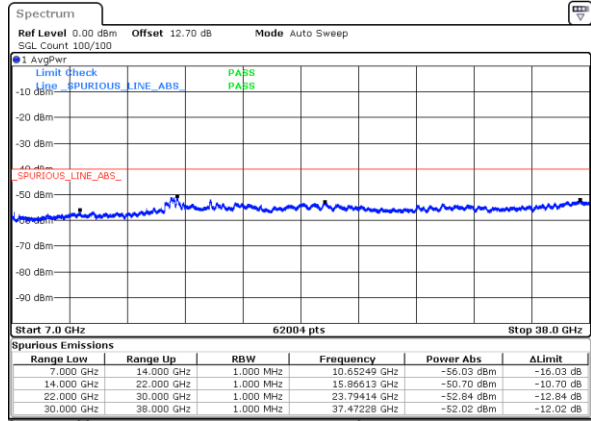


LTE Band 48 / 15MHz

Lowest Channel / QPSK

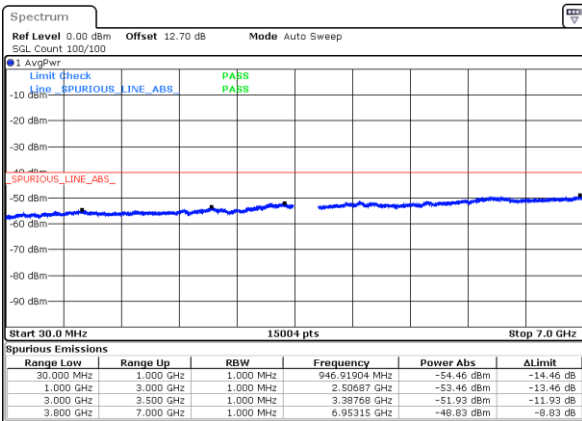


Date: 2.SEP.2026 16:05:43

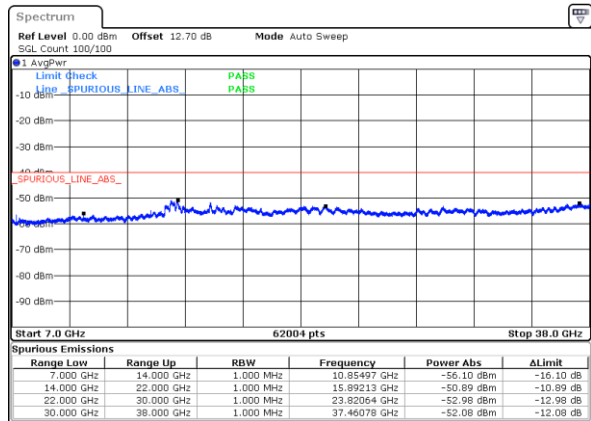


Date: 2.SEP.2026 16:33:45

Middle Channel / QPSK

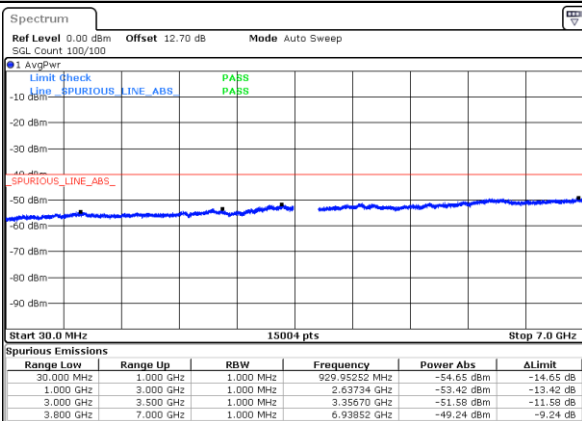


Date: 2.SEP.2026 16:07:18

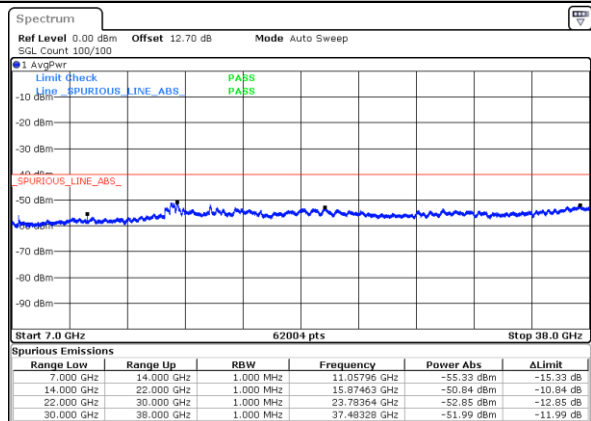


Date: 2.SEP.2026 16:35:20

Highest Channel / QPSK



Date: 2.SEP.2026 16:08:51

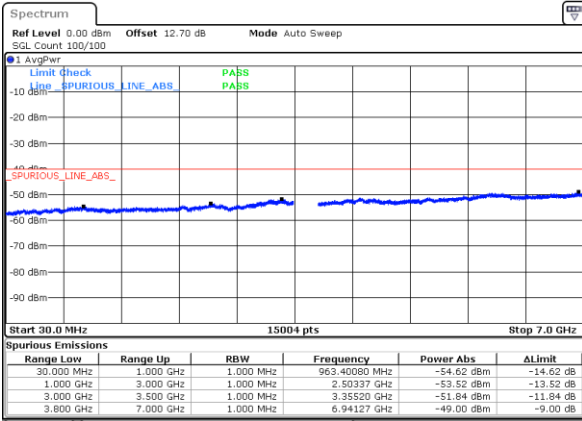


Date: 2.SEP.2026 16:36:58

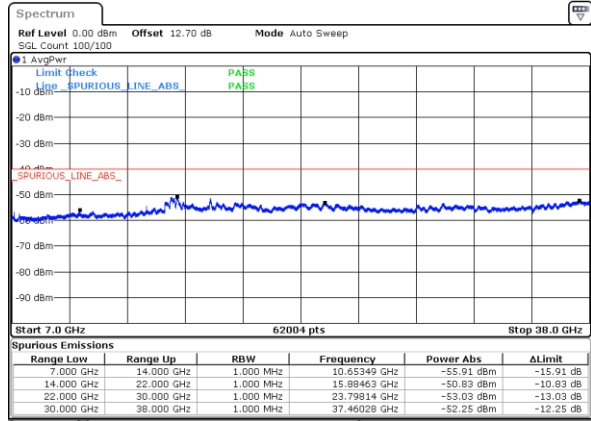


LTE Band 48 / 20MHz

Lowest Channel / QPSK

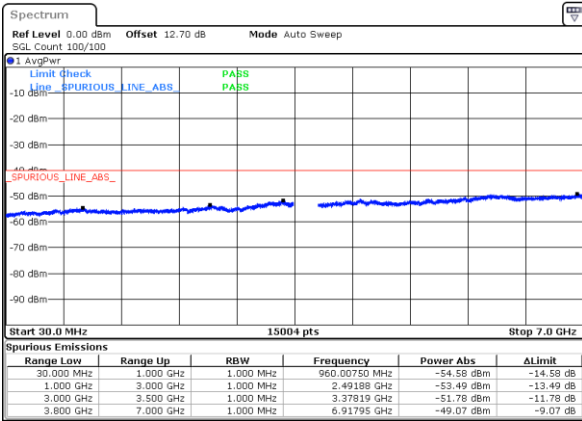


Date: 2.SEP.2026 16:10:27

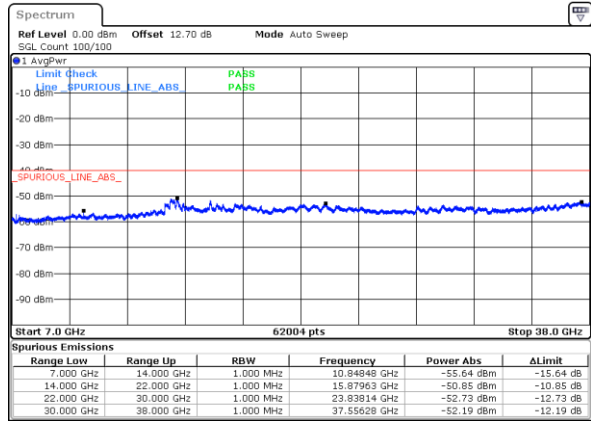


Date: 2.SEP.2026 16:13:37

Middle Channel / QPSK

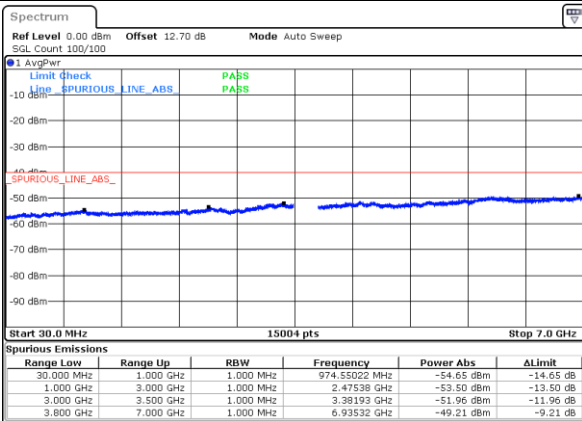


Date: 2.SEP.2026 16:12:03

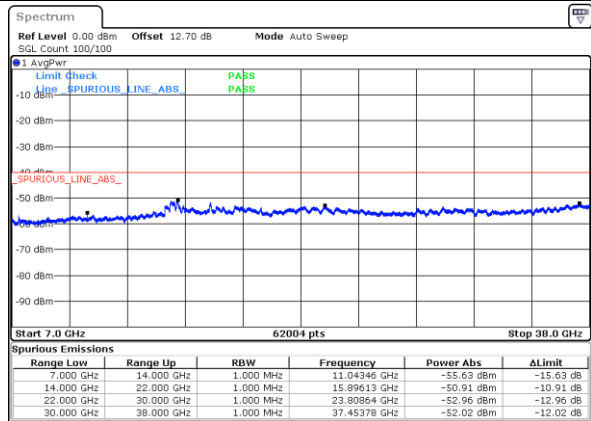


Date: 2.SEP.2026 16:41:13

Highest Channel / QPSK



Date: 2.SEP.2026 16:13:39



Date: 2.SEP.2026 16:41:48

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	0.0000	PASS
40	Normal Voltage	0.0034	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0015	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0004	

Note:

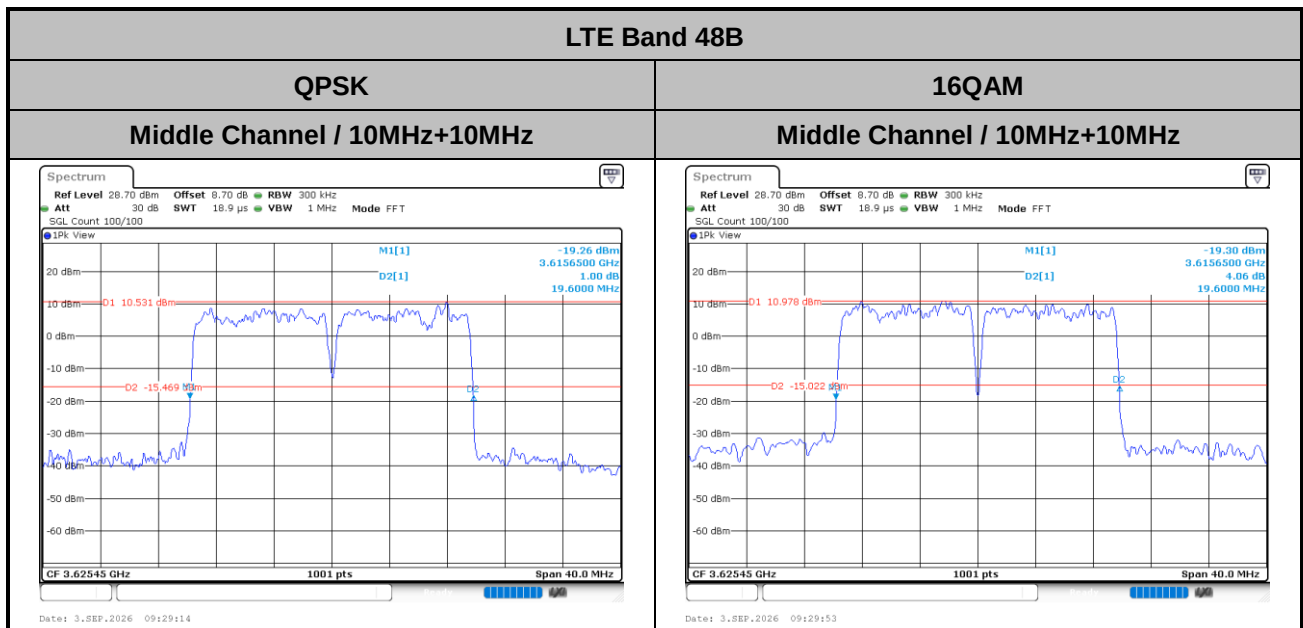
1. Normal Voltage = 3.92 V. ; Minimum Voltage = 3.5 V. ; Maximum Voltage = 4.53 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48B

26dB Bandwidth

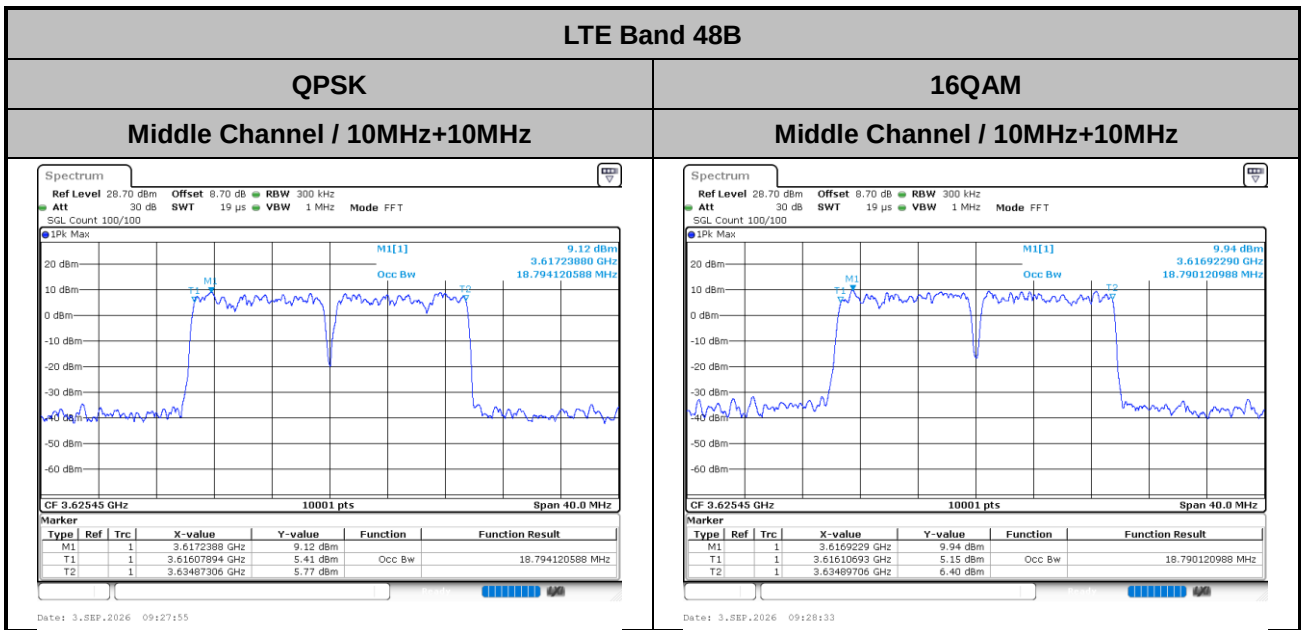
Mode	LTE Band 48B : 26dB BW(MHz)	
	10MHz+10MHz	
BW	QPSK	16QAM
Middle CH	19.60	19.60





Occupied Bandwidth

Mode	LTE Band 48B : 99%OBW(MHz)	
	10MHz+10MHz	
BW	QPSK	16QAM
Middle CH	18.79	18.79





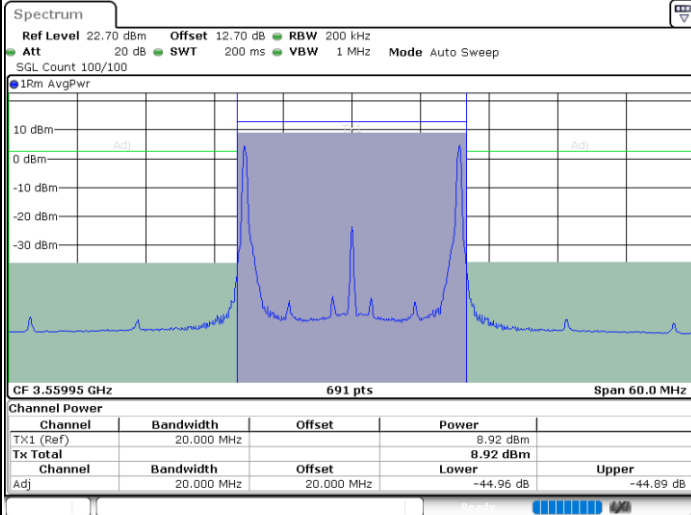
ACLR

LTE Band 48B / 10MHz+10MHz

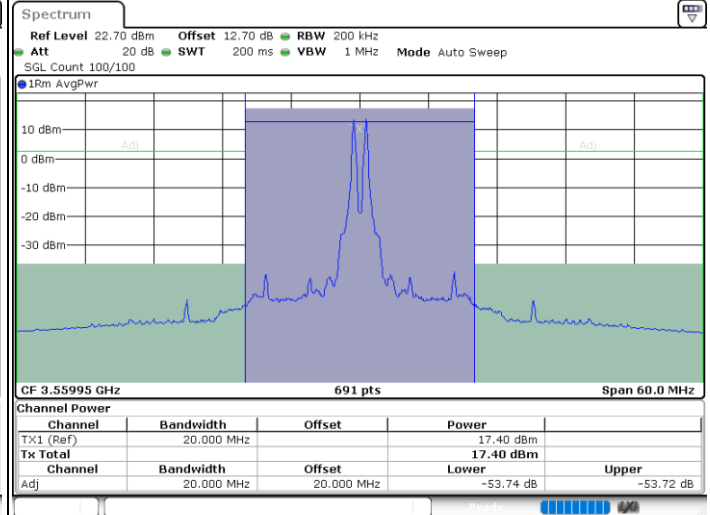
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



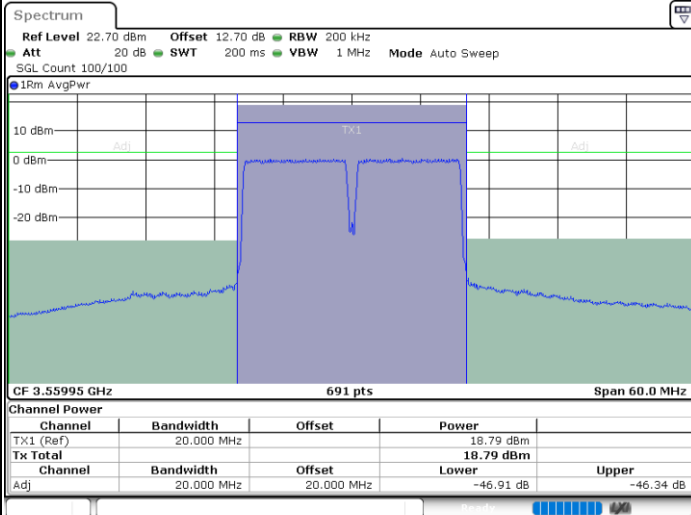
Date: 2.SEP.2026 17:29:23



Date: 2.SEP.2026 17:30:16

Lowest Channel / FullRB

N/A



Date: 2.SEP.2026 17:28:29

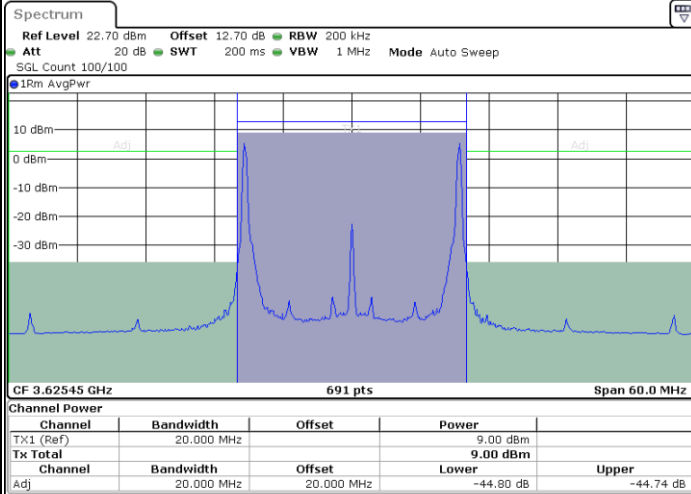


LTE Band 48B / 10MHz+10MHz

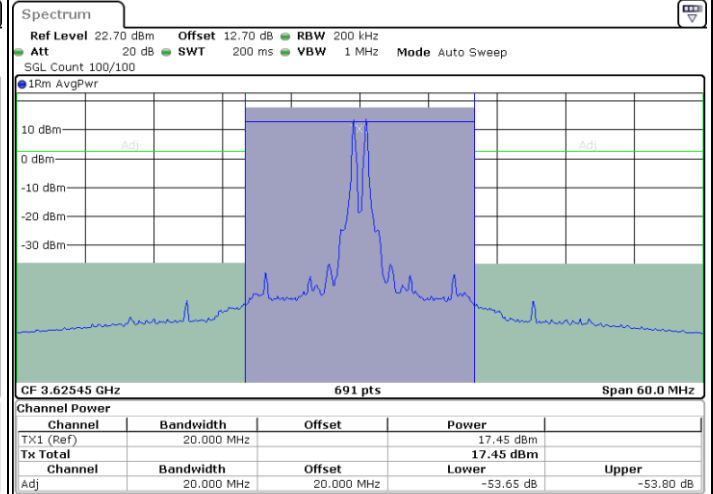
QPSK

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



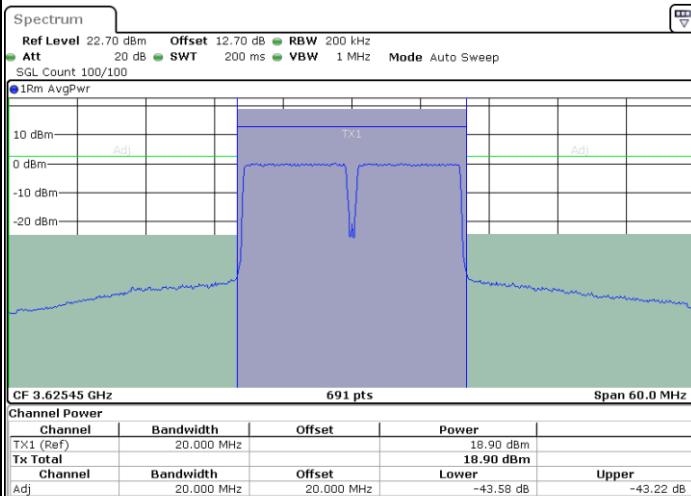
Date: 2.SEP.2026 17:32:07



Date: 2.SEP.2026 17:33:01

Middle Channel / FullRB

N/A



Date: 2.SEP.2026 17:31:13

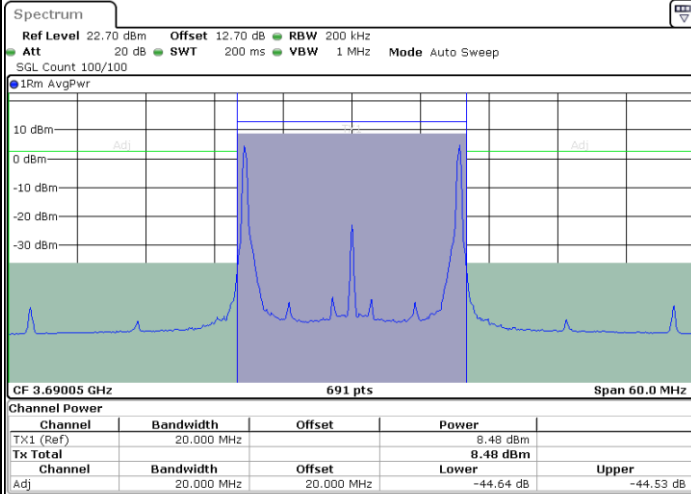


LTE Band 48B / 10MHz+10MHz

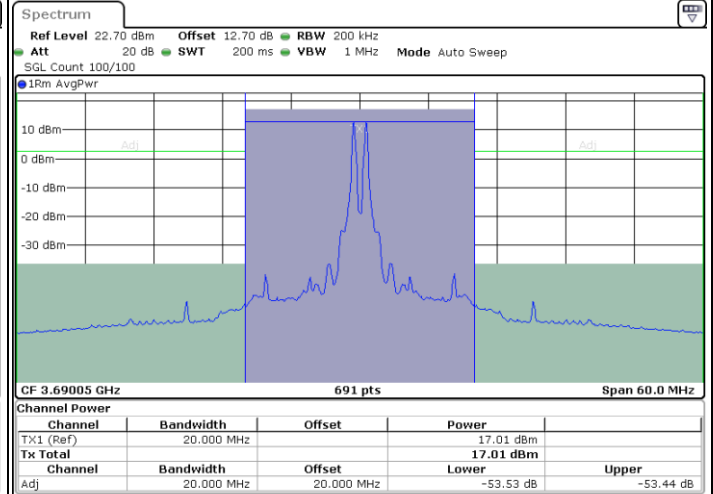
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



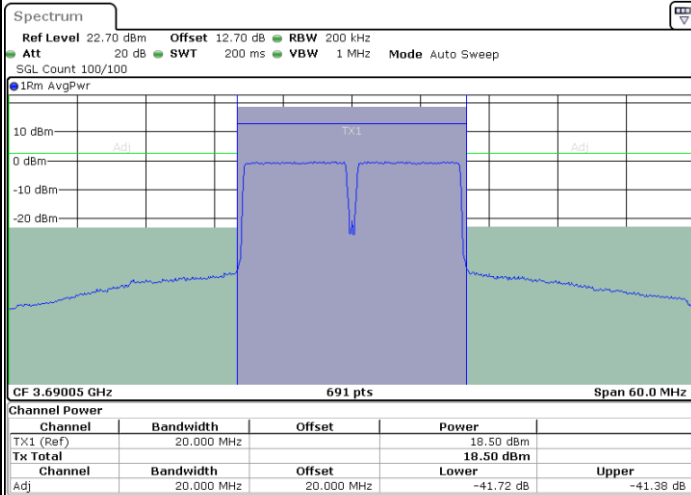
Date: 2.SEP.2026 17:34:54



Date: 2.SEP.2026 17:35:47

Highest Channel / FullIRB

N/A



Date: 2.SEP.2026 17:33:59

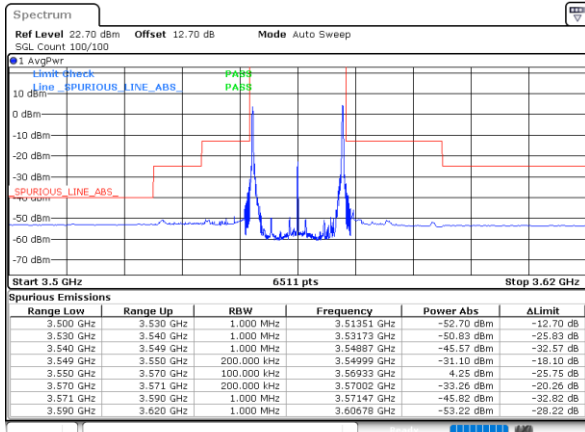


Conducted Band Edge

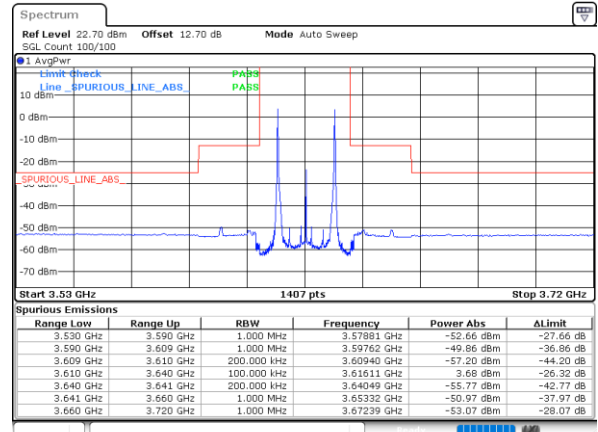
LTE Band 48B / 10MHz+10MHz

QPSK

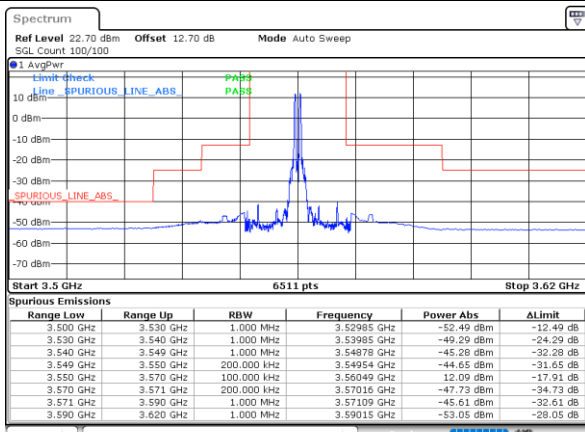
Lowest Band Edge / 1RB0 and 1RB49



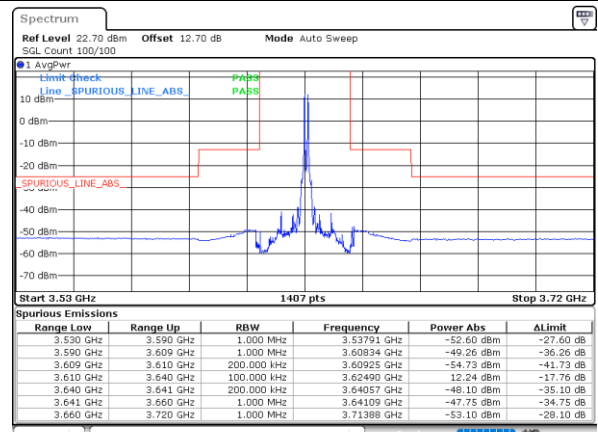
Middle Band Edge / 1RB0 and 1RB49



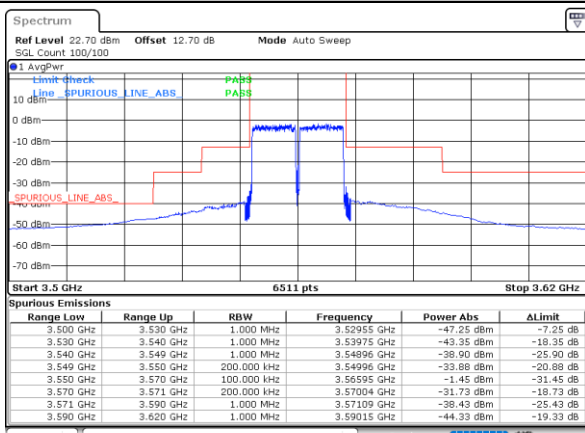
Lowest Band Edge / 1RB49 and 1RB0



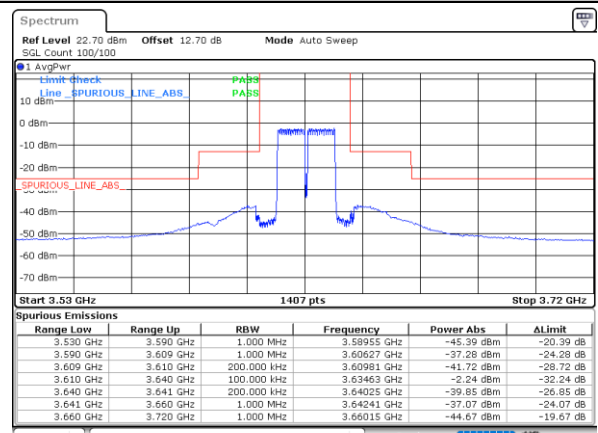
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



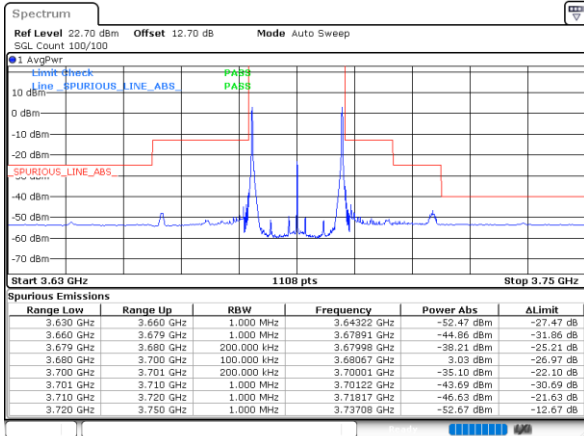


LTE Band 48B / 10MHz+10MHz

QPSK

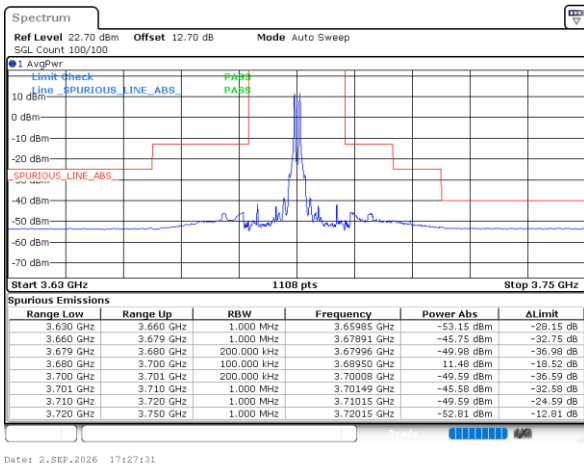
Highest Band Edge / 1RB0 and 1RB49

N/A



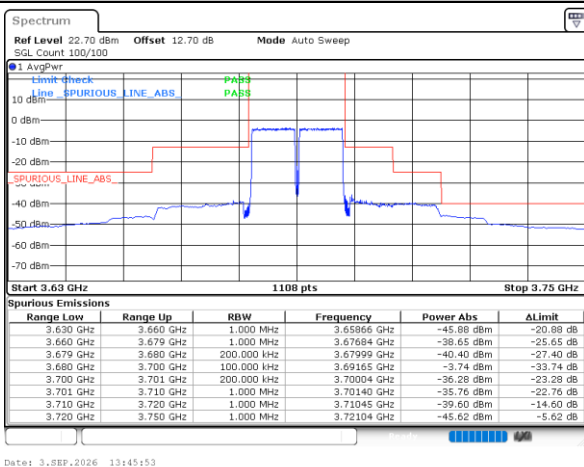
Highest Band Edge / 1RB49 and 1RB0

N/A



Highest Band Edge / Full RB

N/A





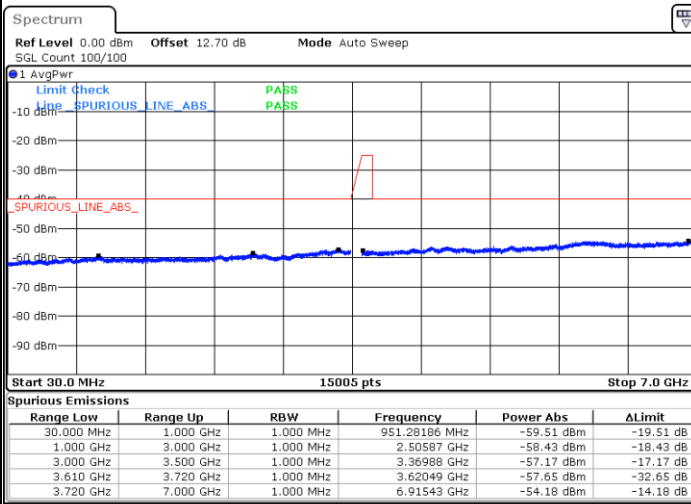
Conducted Spurious Emission

LTE Band 48B / 10MHz+10MHz

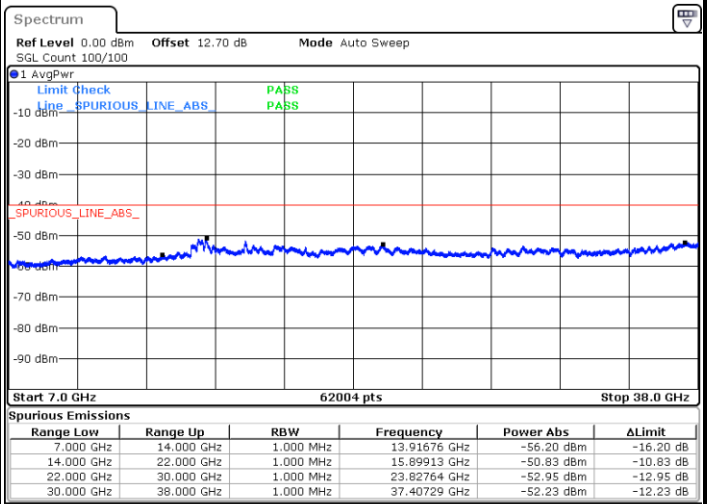
QPSK

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



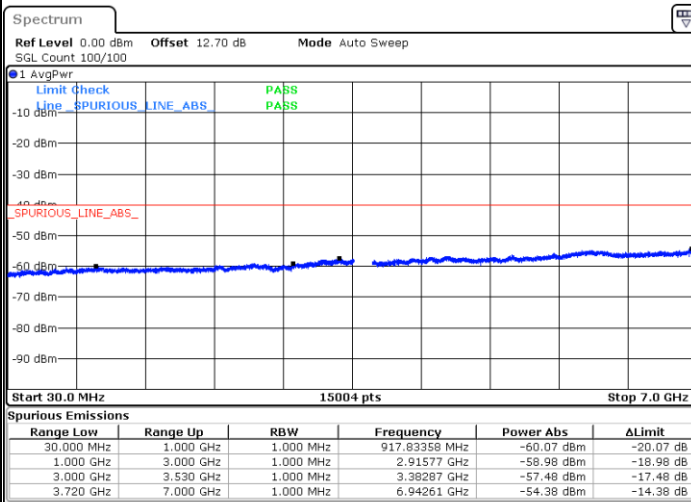
Date: 2.SEP.2026 17:39:05



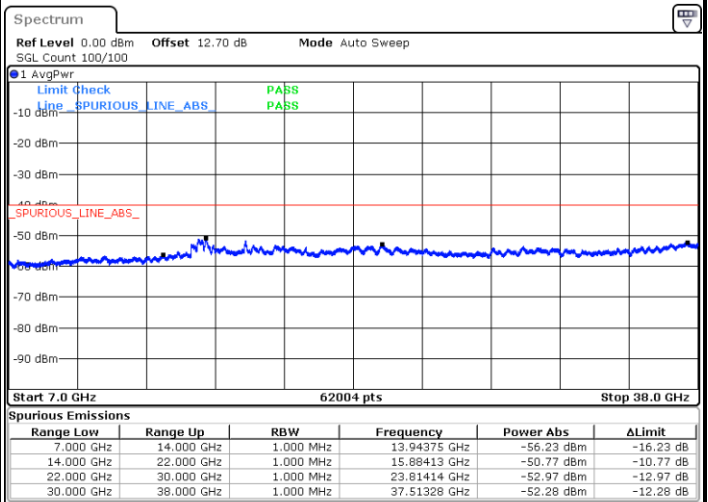
Date: 2.SEP.2026 16:58:52

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



Date: 3.SEP.2026 09:22:07



Date: 2.SEP.2026 17:00:33

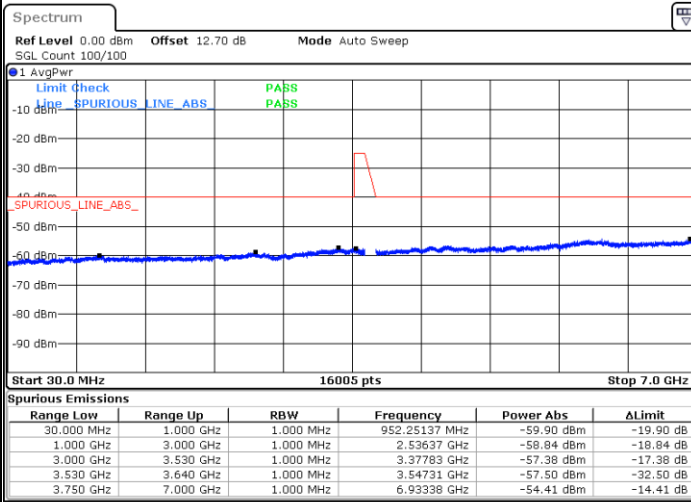


LTE Band 48B / 10MHz+10MHz

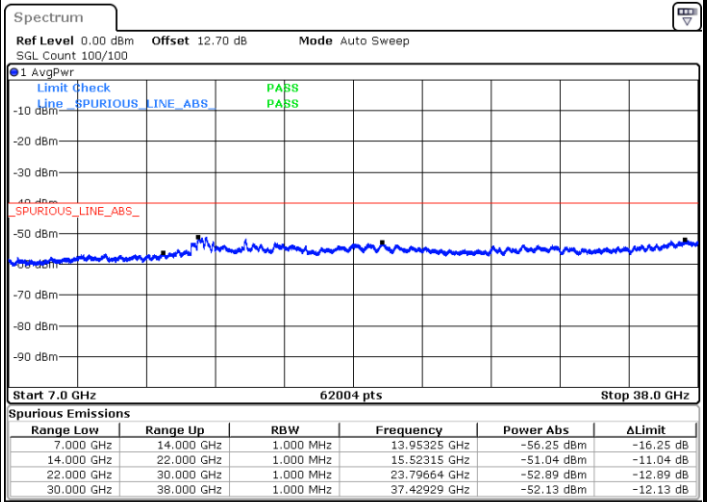
QPSK

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



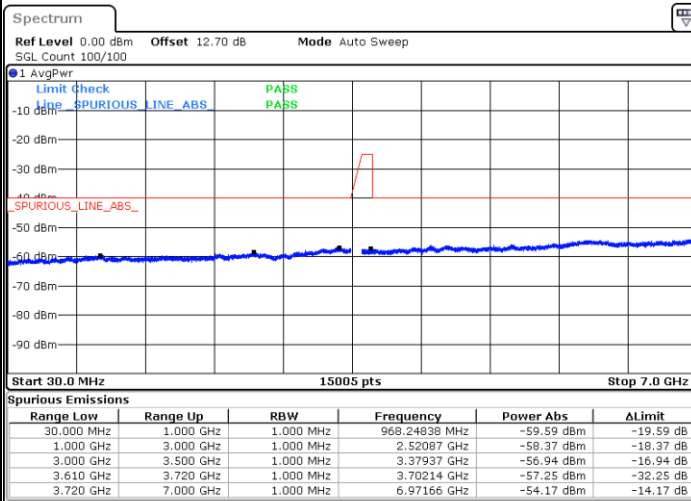
Date: 3.SEP.2026 09:27:07



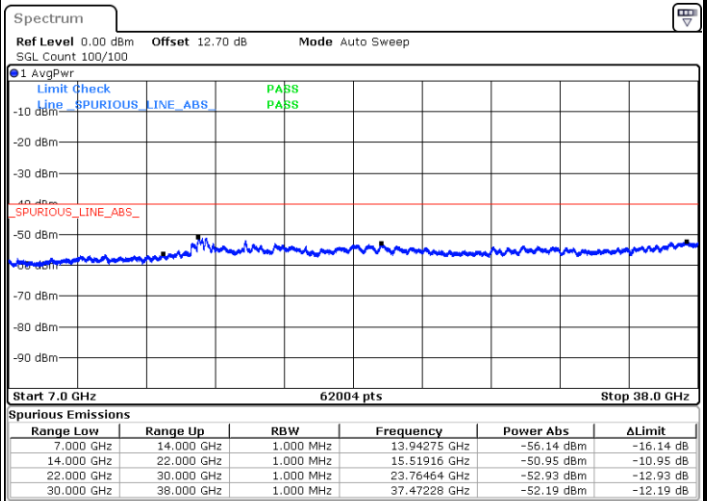
Date: 2.SEP.2026 17:05:35

Lowest Channel / 1RB0 and 1RB49

Lowest Channel / 1RB49 and 1RB0



Date: 2.SEP.2026 17:37:26



Date: 2.SEP.2026 16:57:14

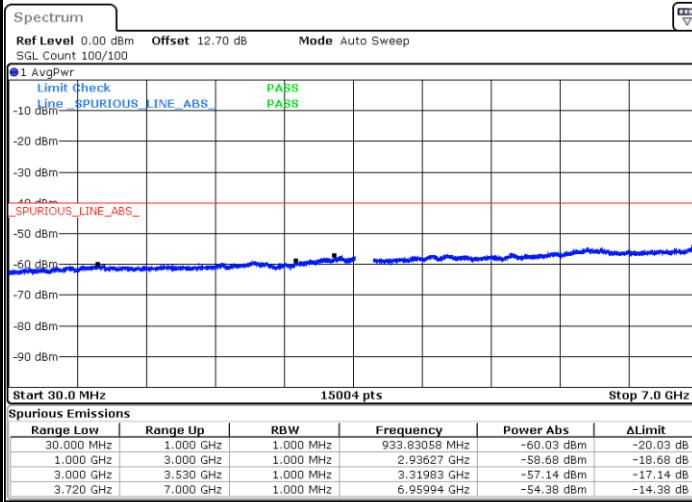


LTE Band 48B / 10MHz+10MHz

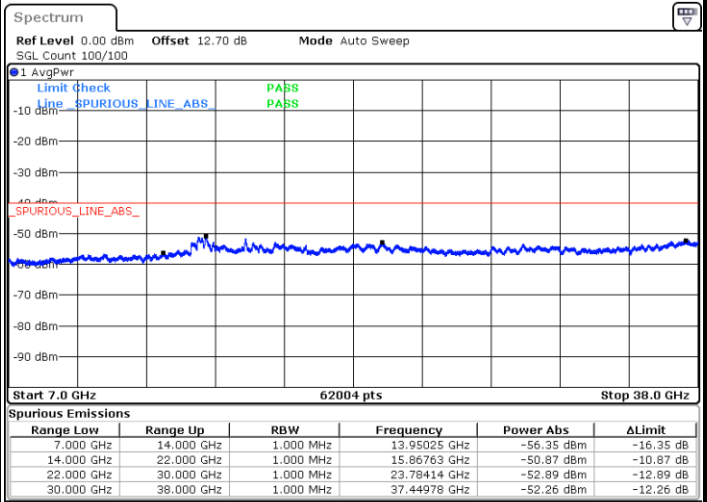
QPSK

Middle Channel / 1RB0 and 1RB49

Middle Channel / 1RB49 and 1RB0



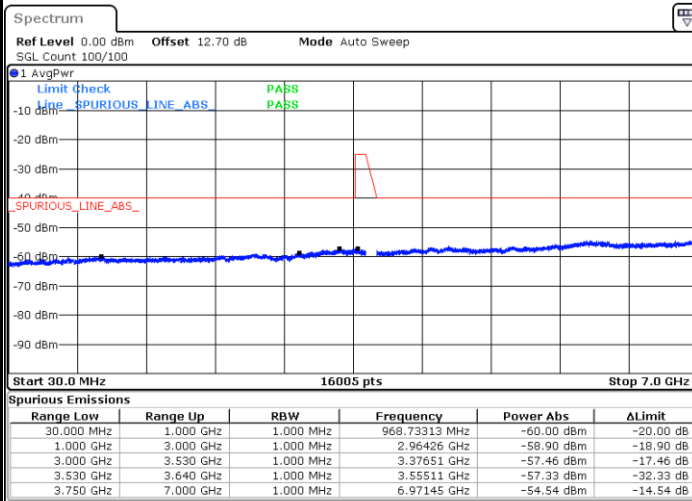
Date: 3.SEP.2026 09:23:46



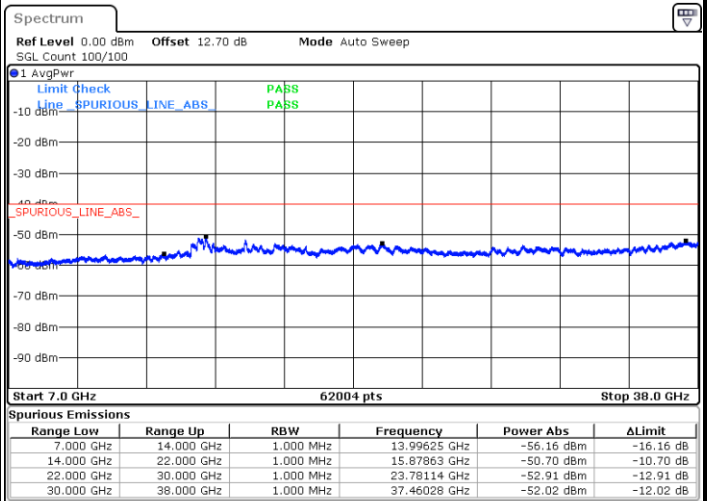
Date: 2.SEP.2026 17:02:13

Highest Channel / 1RB0 and 1RB49

Highest Channel / 1RB49 and 1RB0



Date: 3.SEP.2026 09:25:28



Date: 2.SEP.2026 17:03:55



LTE Band 48C

26dB Bandwidth

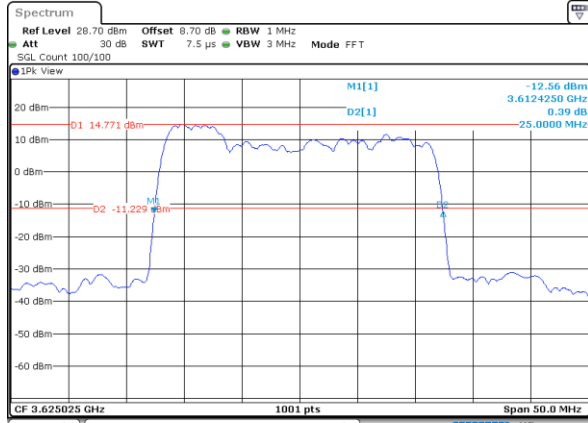
Mode	LTE Band 48C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	25.00	30.72	35.07	24.95
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.18	35.14	40.00	-
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	25.00	30.18	35.00	25.05
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.24	35.07	39.92	-



LTE Band 48C

QPSK

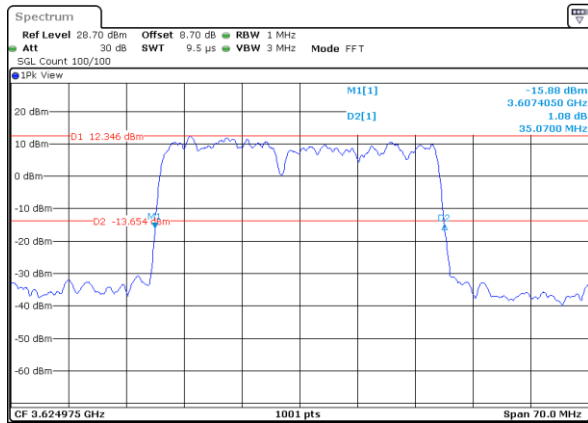
Middle Channel / 5MHz+20MHz



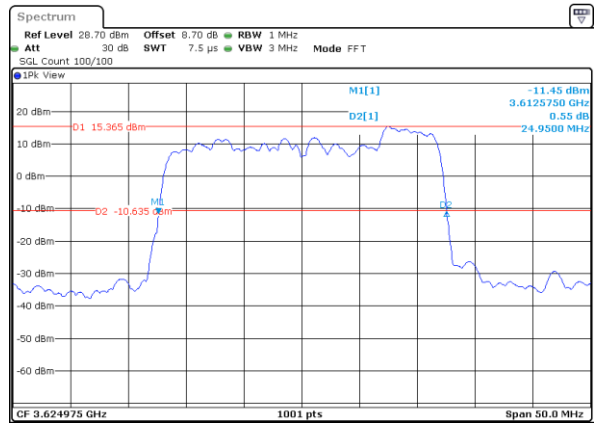
Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+5MHz

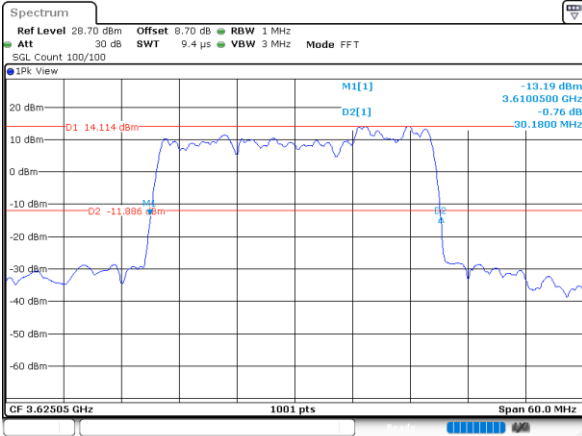




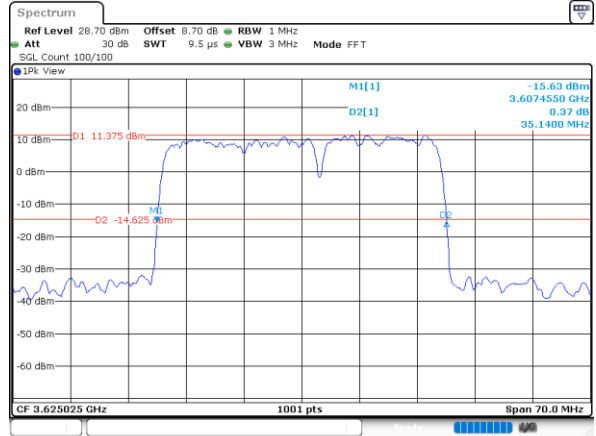
LTE Band 48C

QPSK

Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



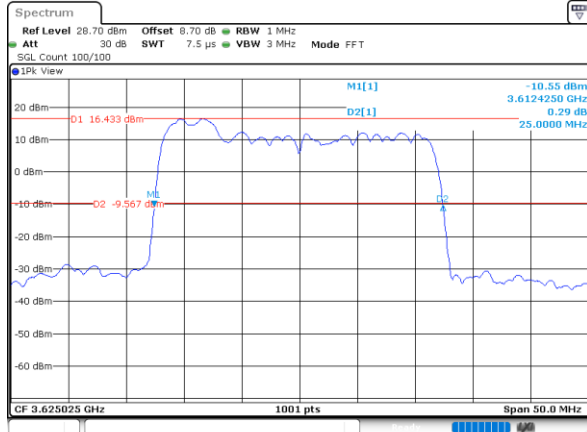
N/A



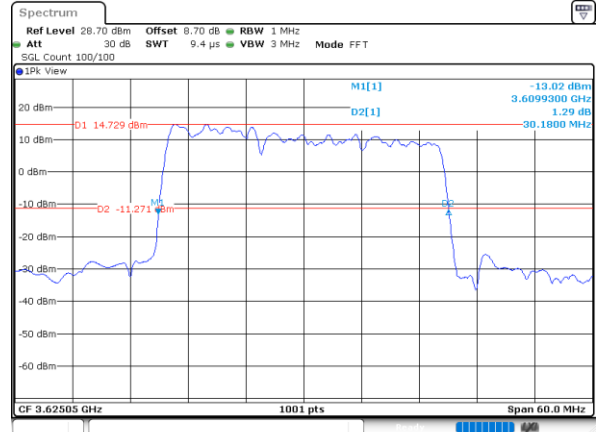
LTE Band 48C

16QAM

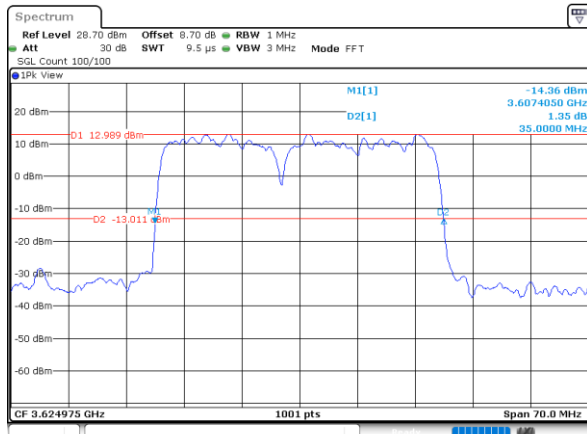
Middle Channel / 5MHz+20MHz



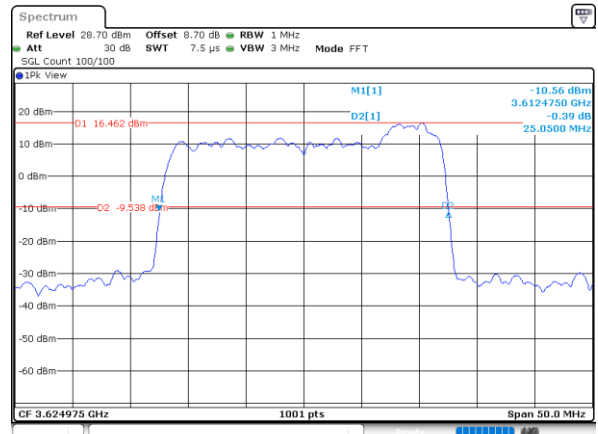
Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+5MHz

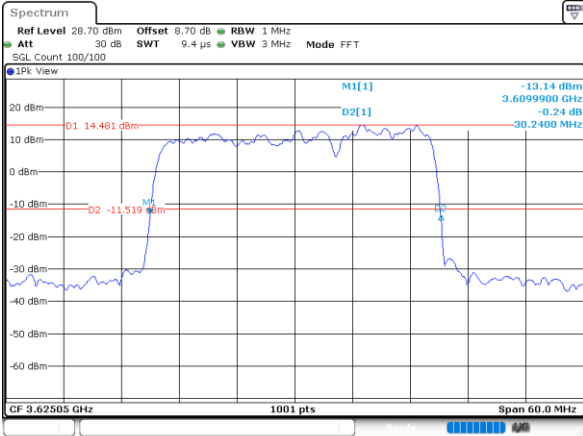




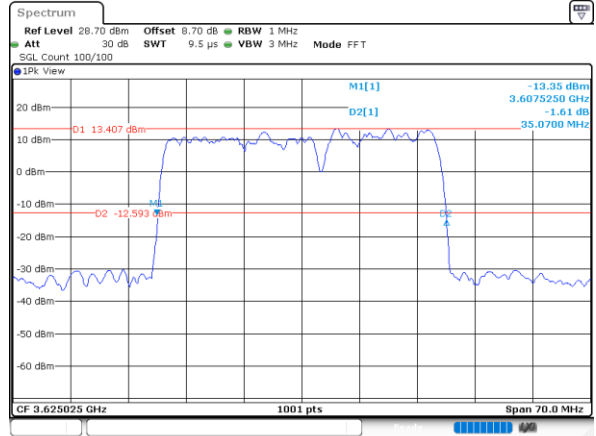
LTE Band 48C

16QAM

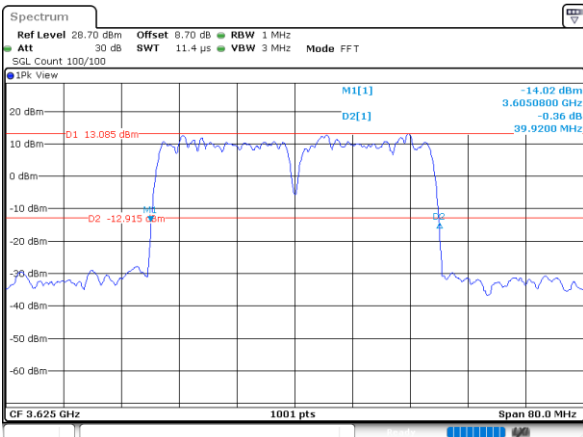
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



N/A

**Occupied Bandwidth**

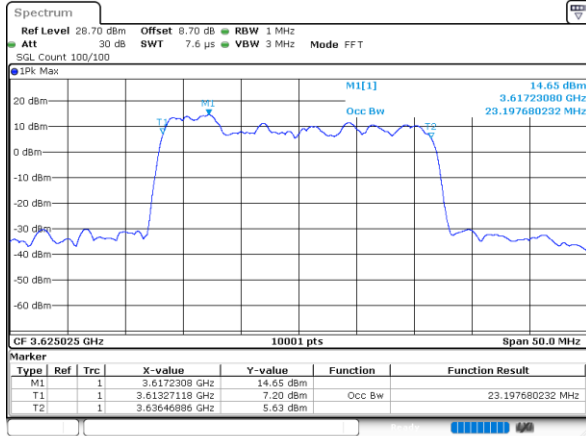
Mode	LTE Band 48C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.19	28.16	33.08	23.41
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.95	32.98	37.53	-
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.22	28.04	32.77	23.26
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.01	33.08	37.52	-



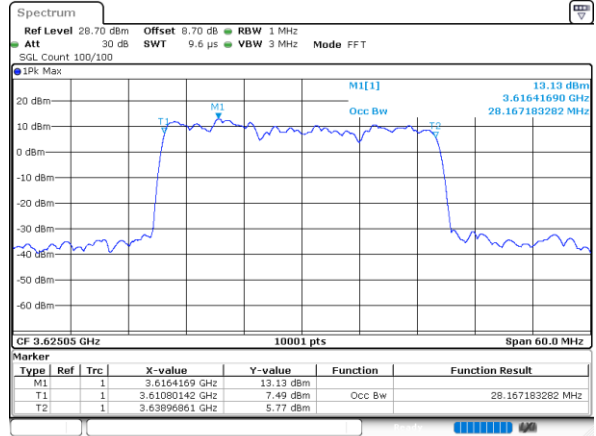
LTE Band 48C

QPSK

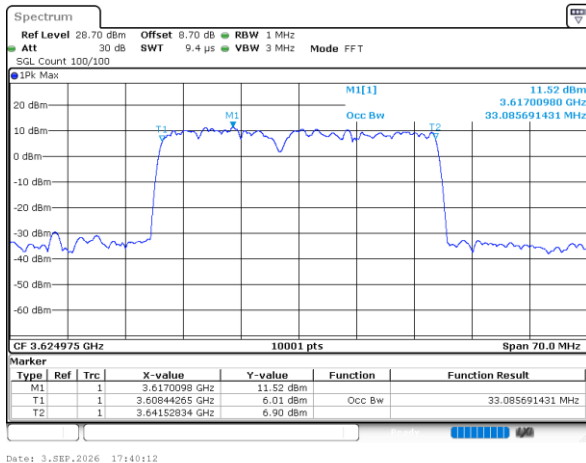
Middle Channel / 5MHz+20MHz



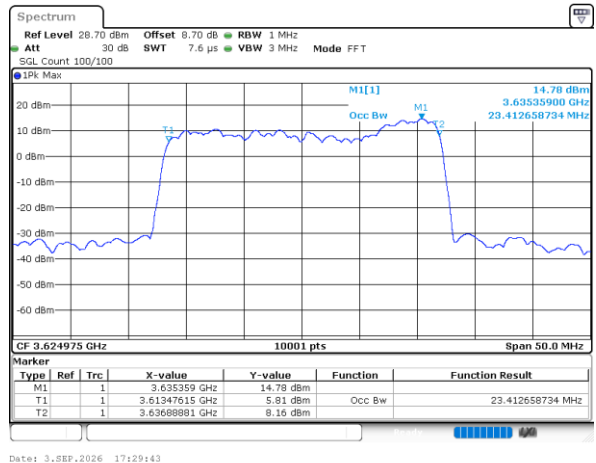
Middle Channel / 10MHz+20MHz



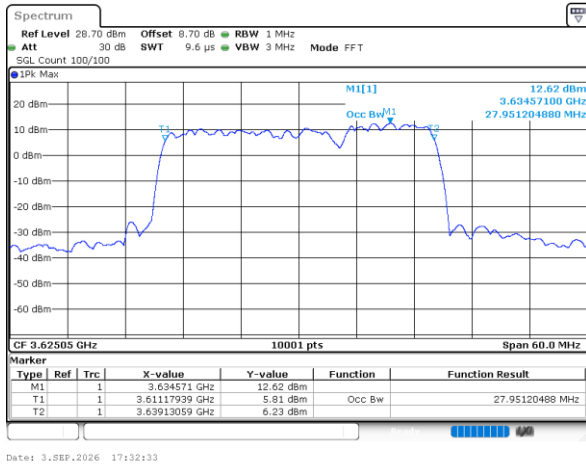
Middle Channel / 15MHz+20MHz



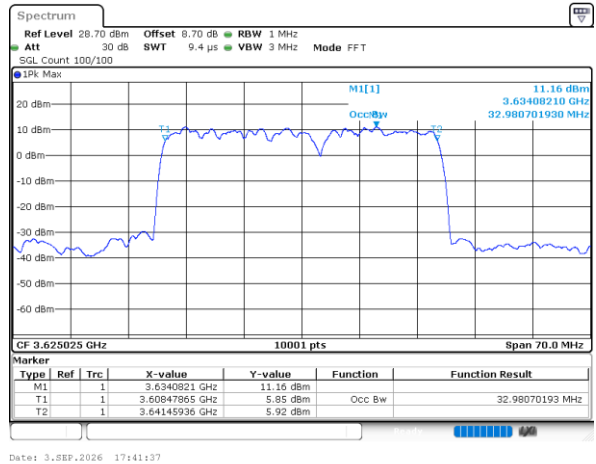
Middle Channel / 20MHz+5MHz

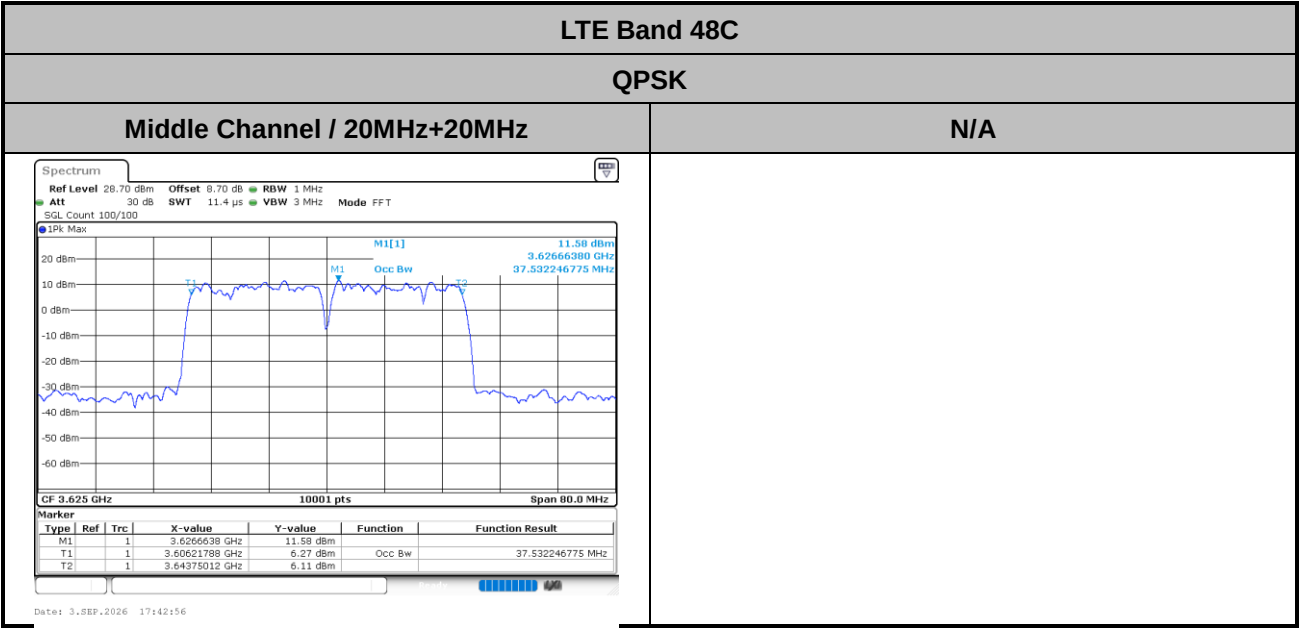


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



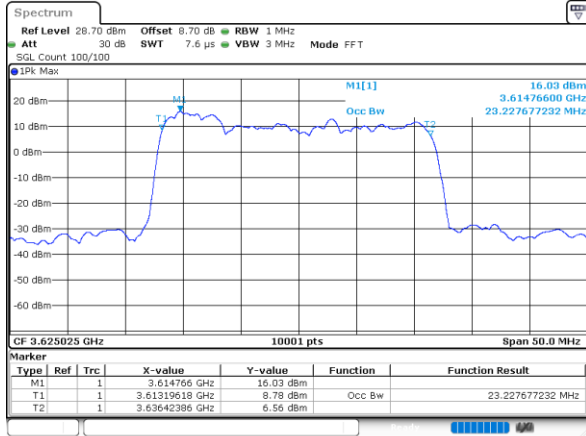




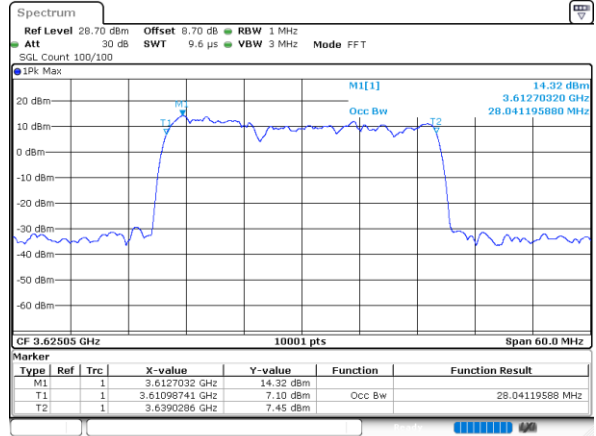
LTE Band 48C

16QAM

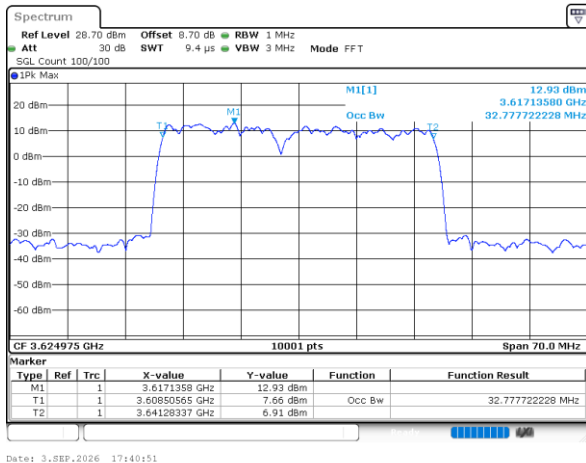
Middle Channel / 5MHz+20MHz



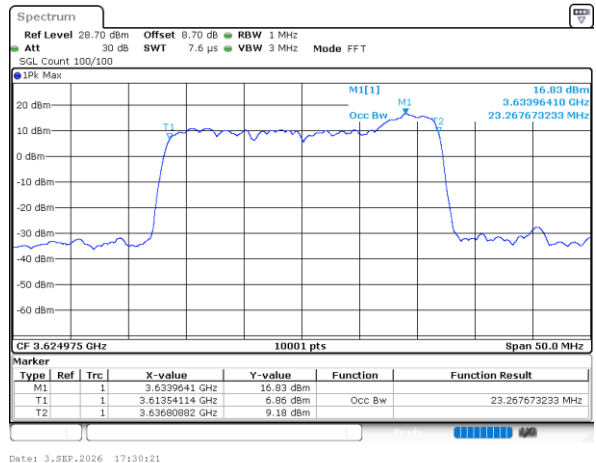
Middle Channel / 10MHz+20MHz



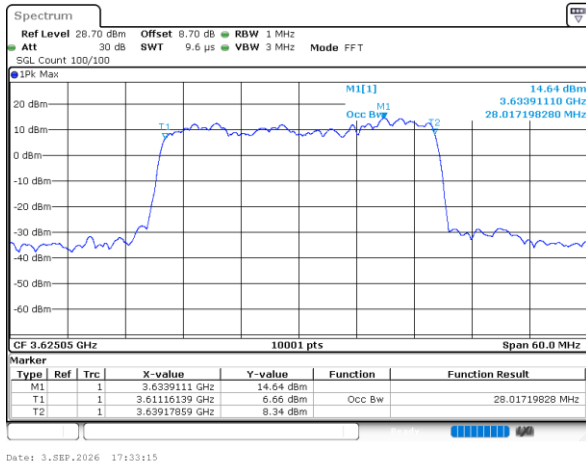
Middle Channel / 15MHz+20MHz



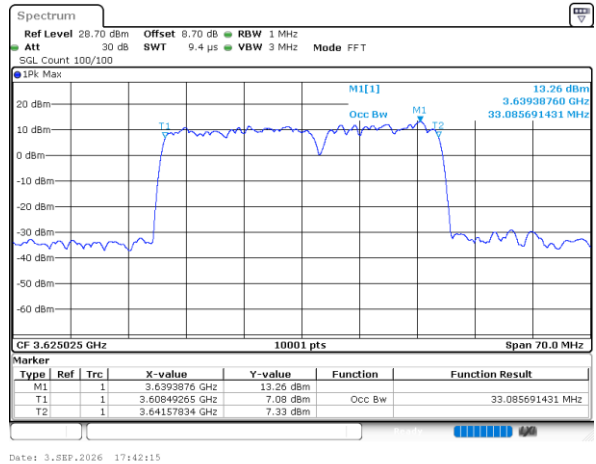
Middle Channel / 20MHz+5MHz

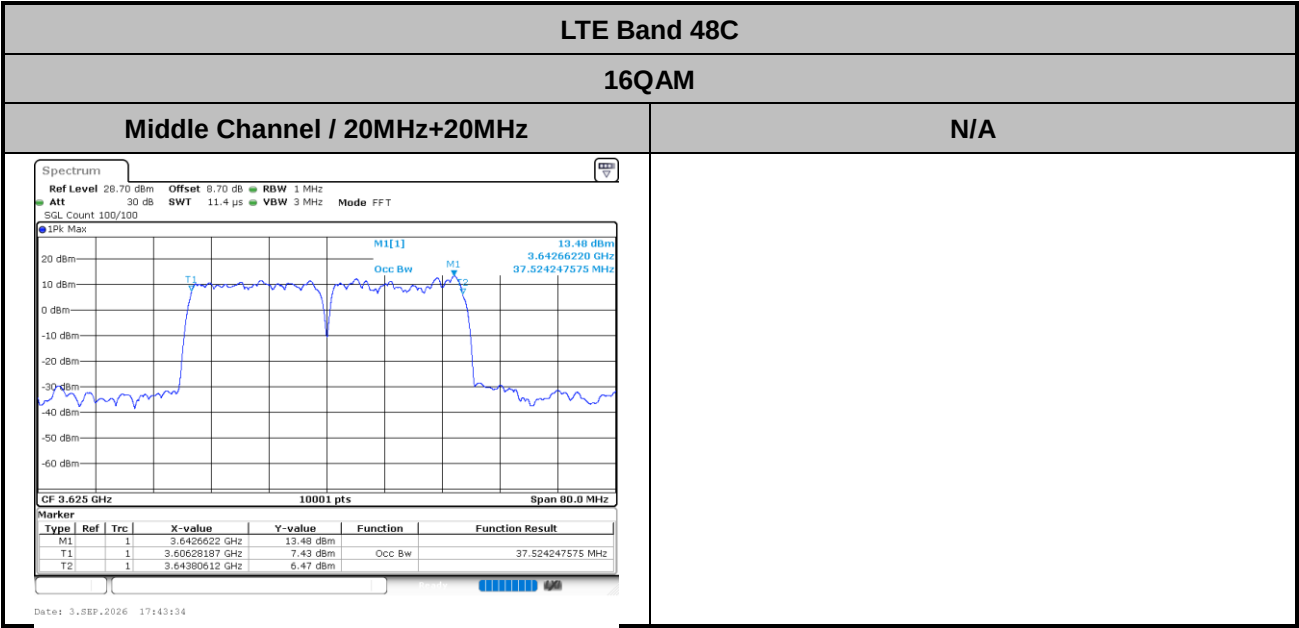


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz







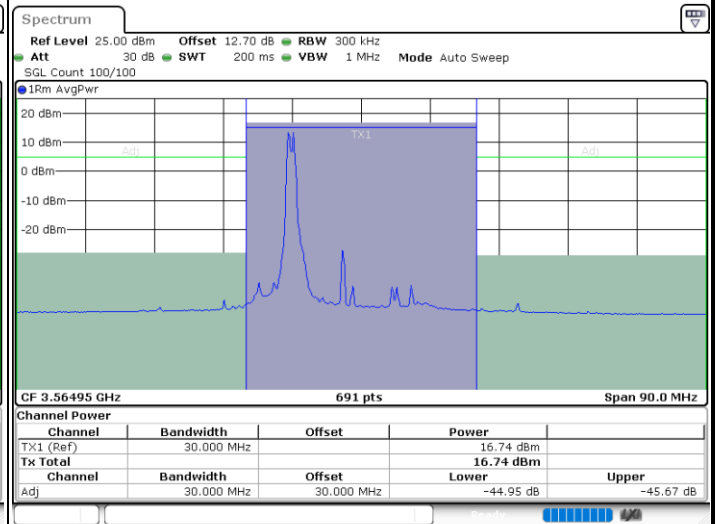
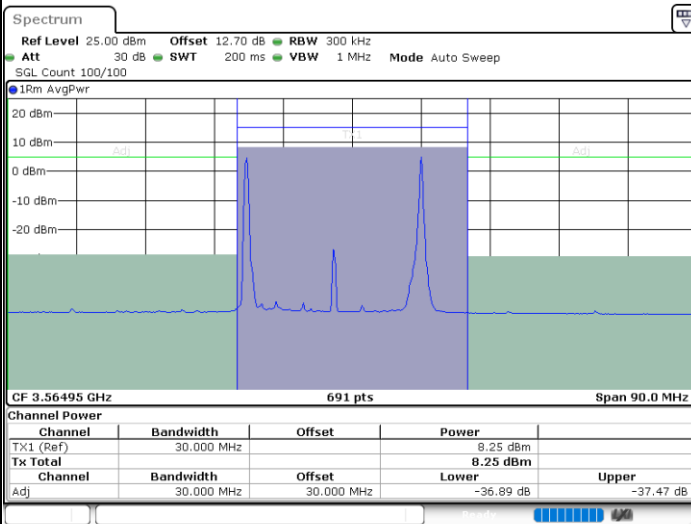
ACLR

LTE Band 48C / 5MHz+20MHz

QPSK

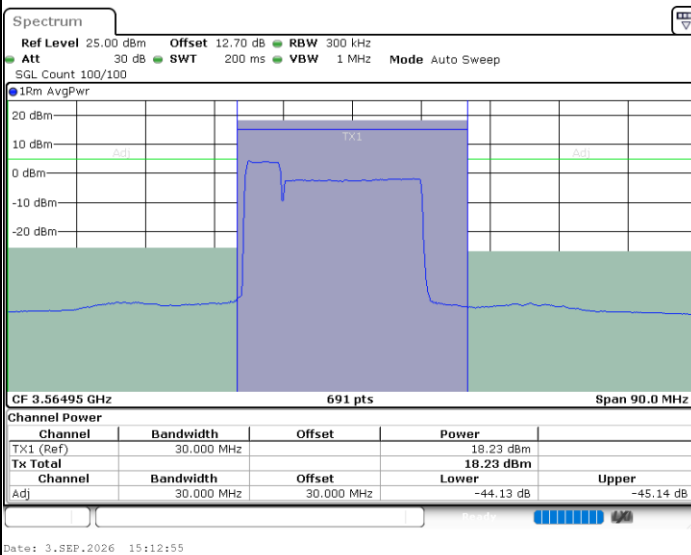
Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB24 and 1RB0



Lowest Channel / FullRB

N/A



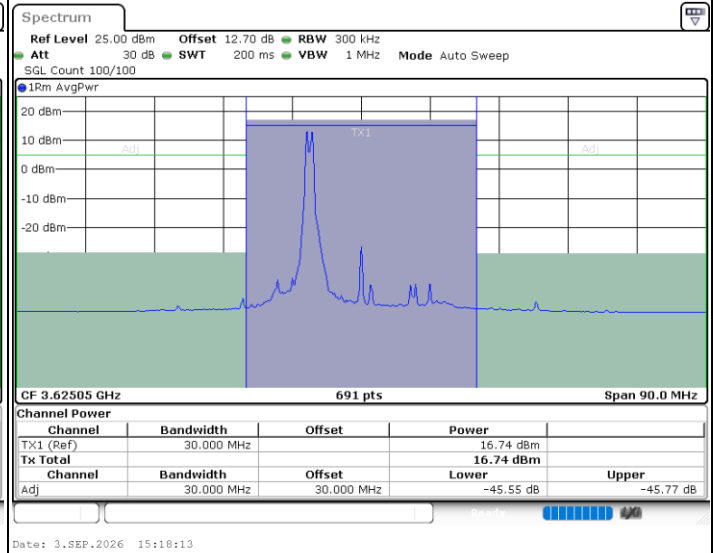
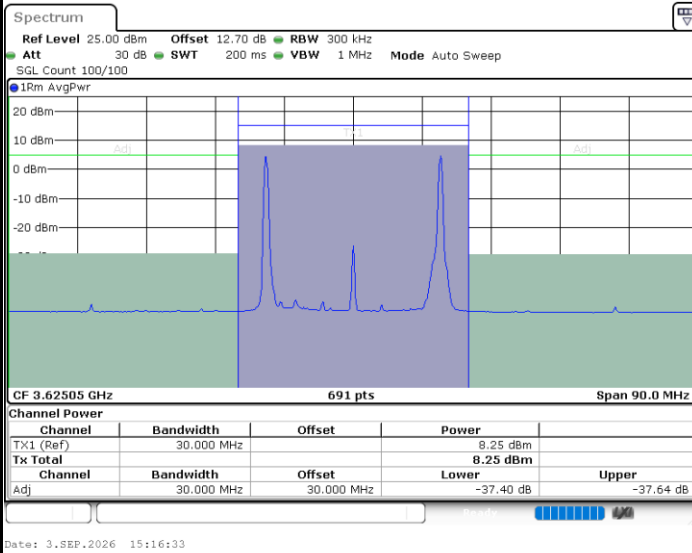


LTE Band 48C / 5MHz+20MHz

QPSK

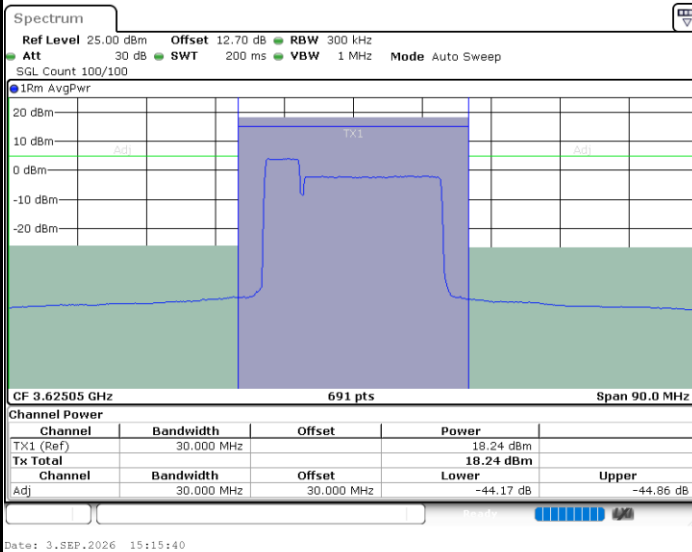
Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB24 and 1RB0



Middle Channel / FullRB

N/A



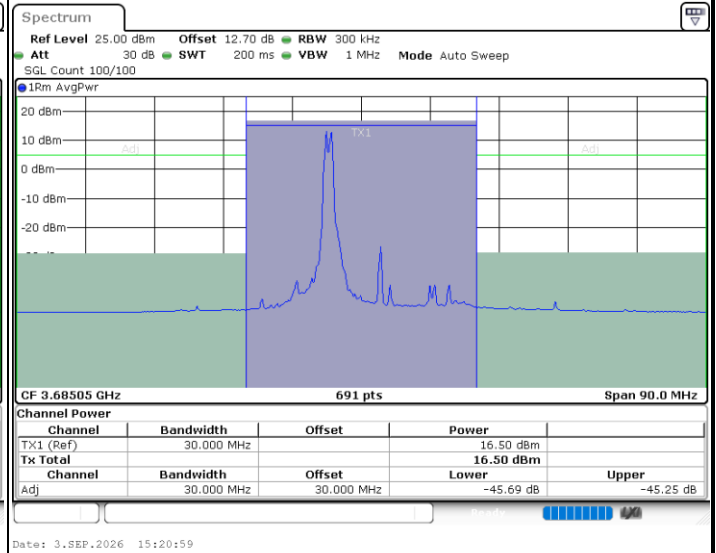
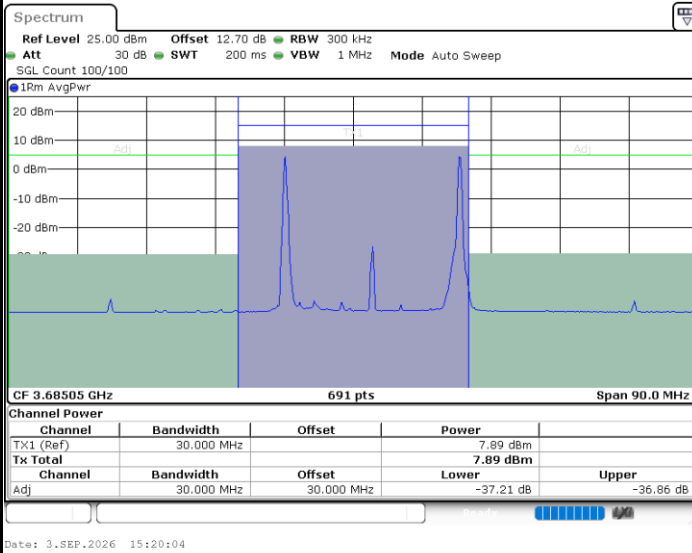


LTE Band 48C / 5MHz+20MHz

QPSK

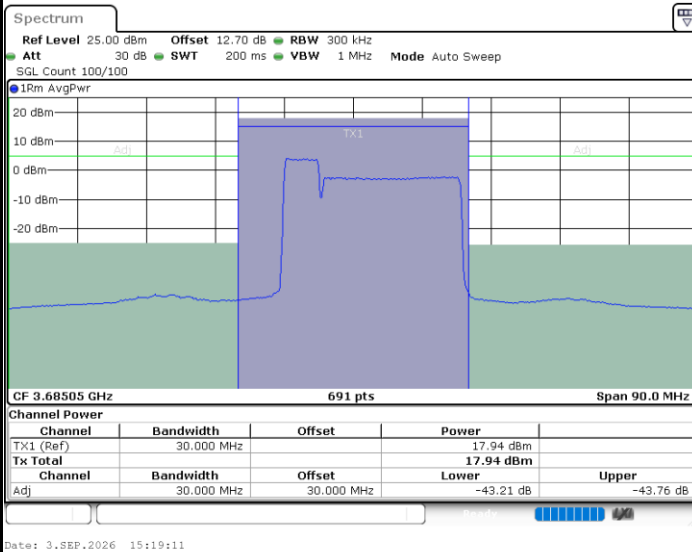
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB24 and 1RB0



Highest Channel / FullIRB

N/A



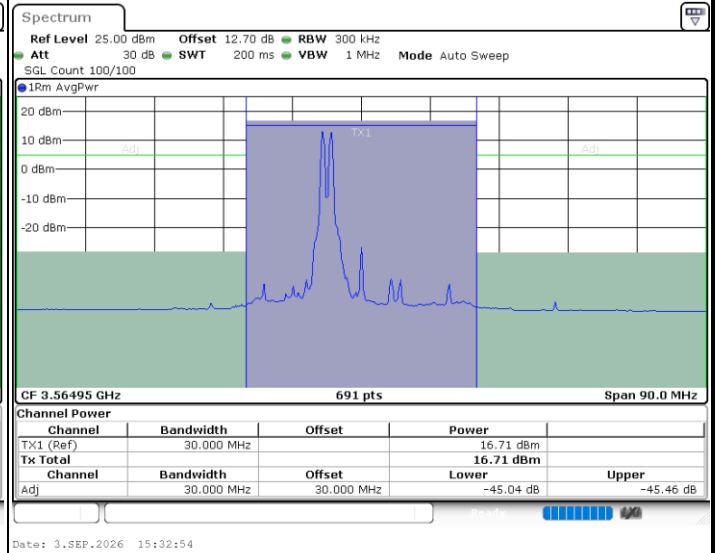
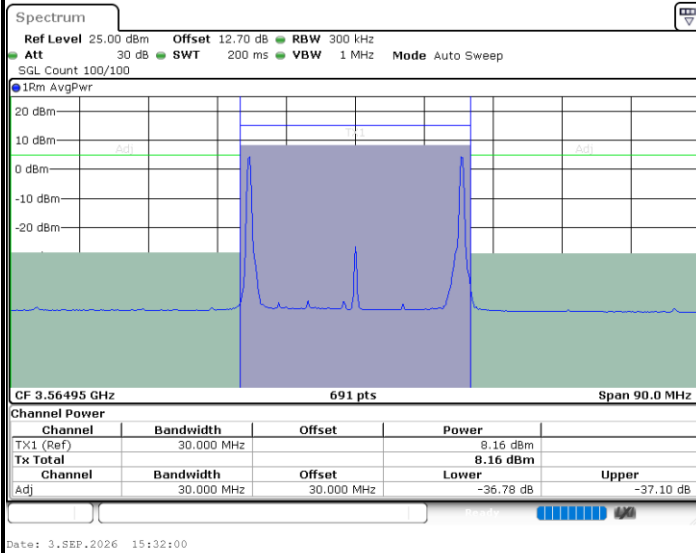


LTE Band 48C / 10MHz+20MHz

QPSK

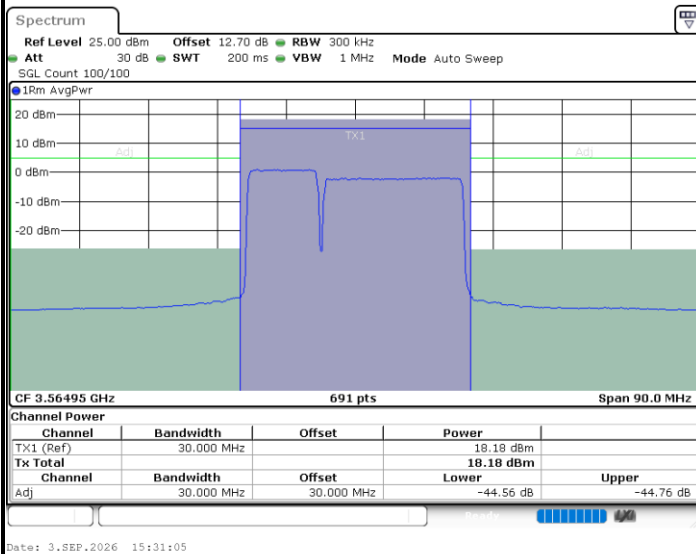
Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB49 and 1RB0



Lowest Channel / FullRB

N/A



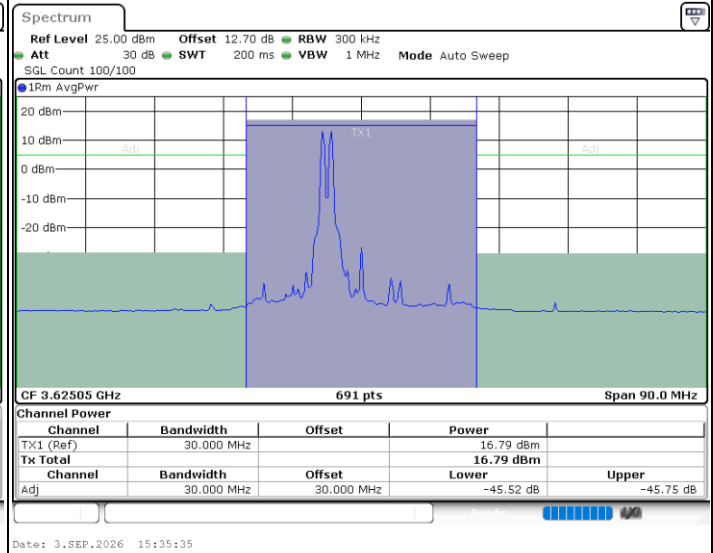
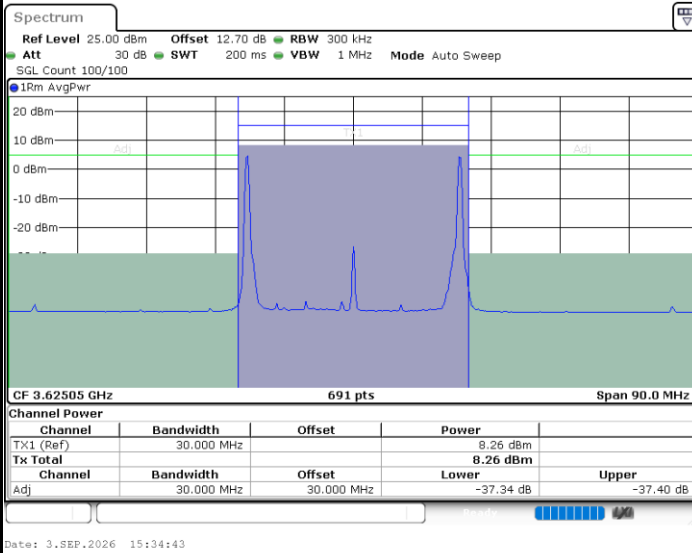


LTE Band 48C / 10MHz+20MHz

QPSK

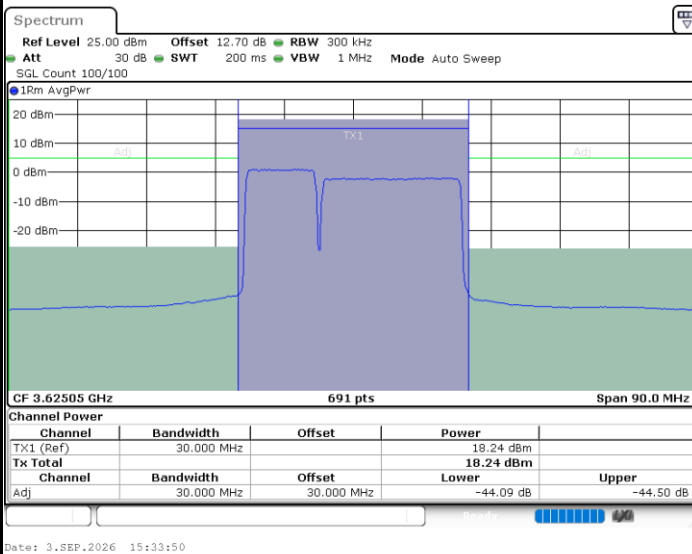
Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB49 and 1RB0



Middle Channel / FullRB

N/A



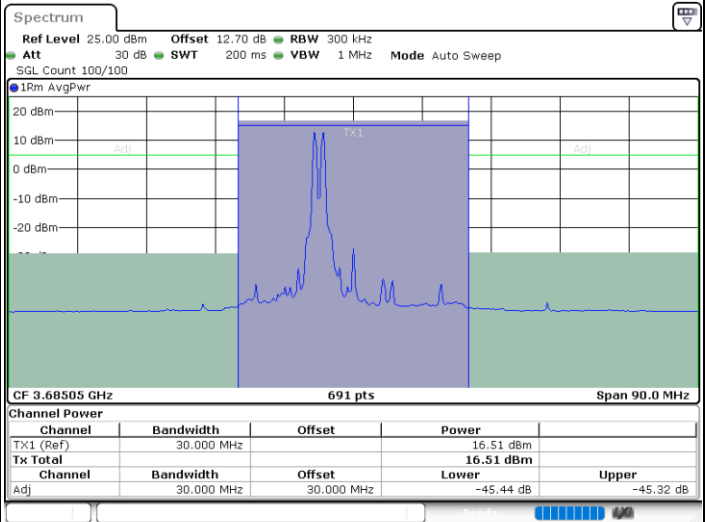
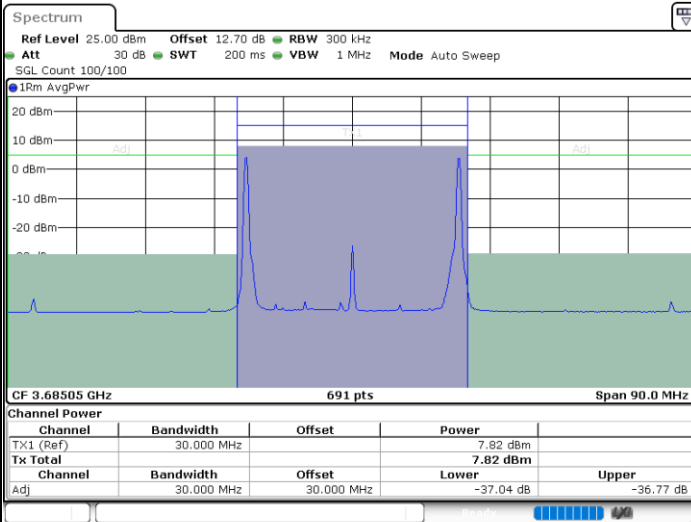


LTE Band 48C / 10MHz+20MHz

QPSK

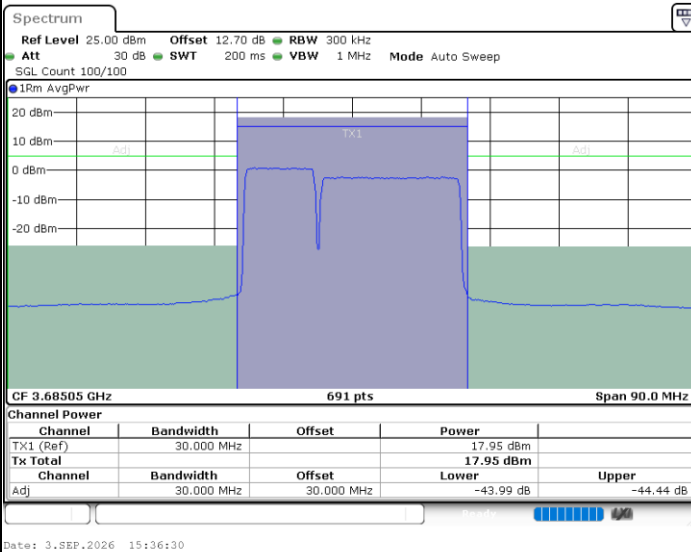
Highest Channel / 1RB0 and 1RB99

Highest Channel / 1RB49 and 1RB0



Highest Channel / FullIRB

N/A



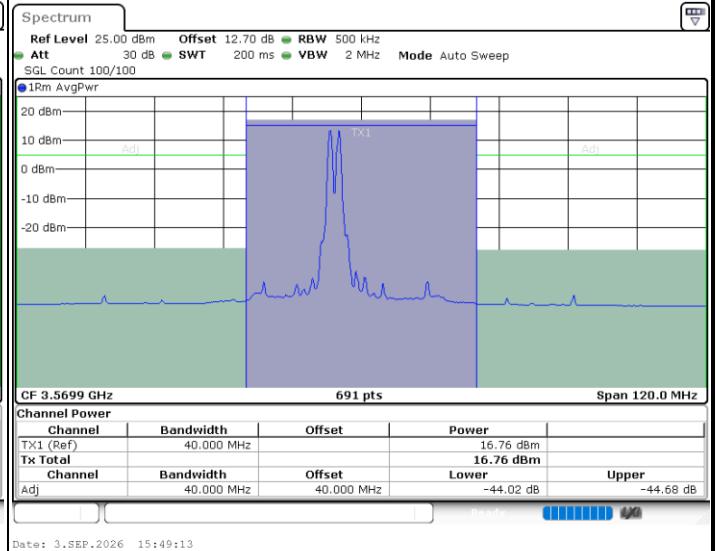
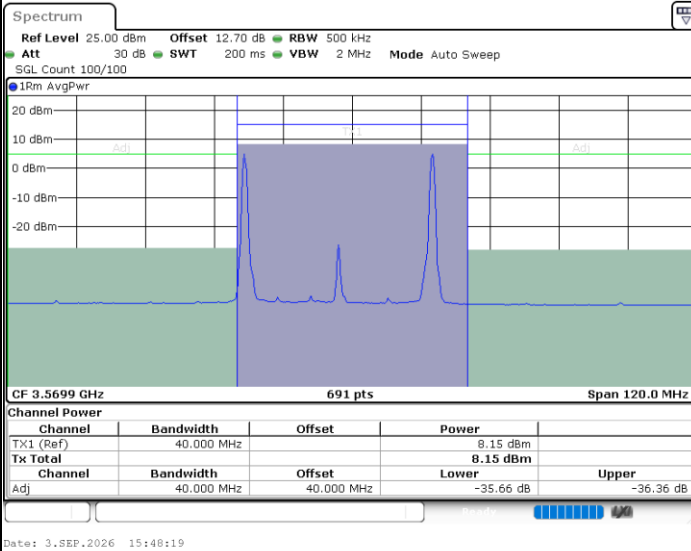


LTE Band 48C / 15MHz+20MHz

QPSK

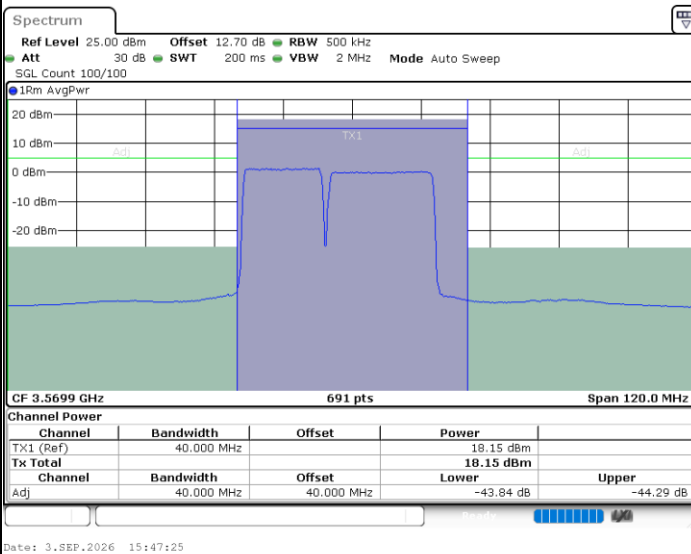
Lowest Channel / 1RB0 and 1RB99

Lowest Channel / 1RB74 and 1RB0



Lowest Channel / FullRB

N/A



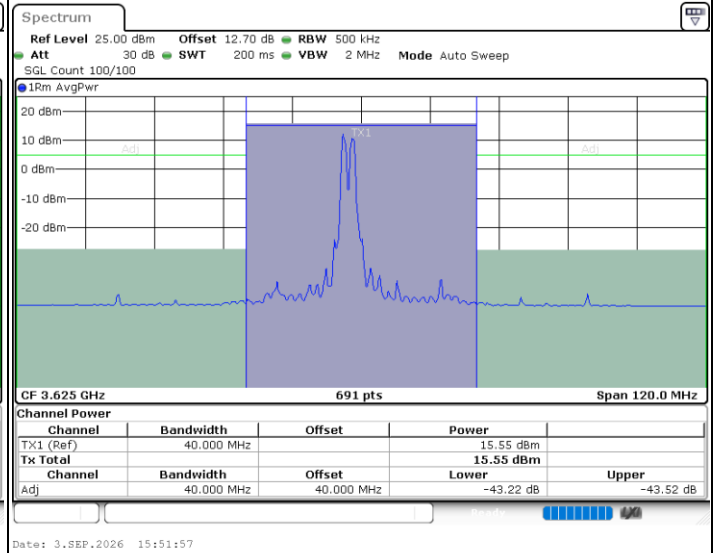
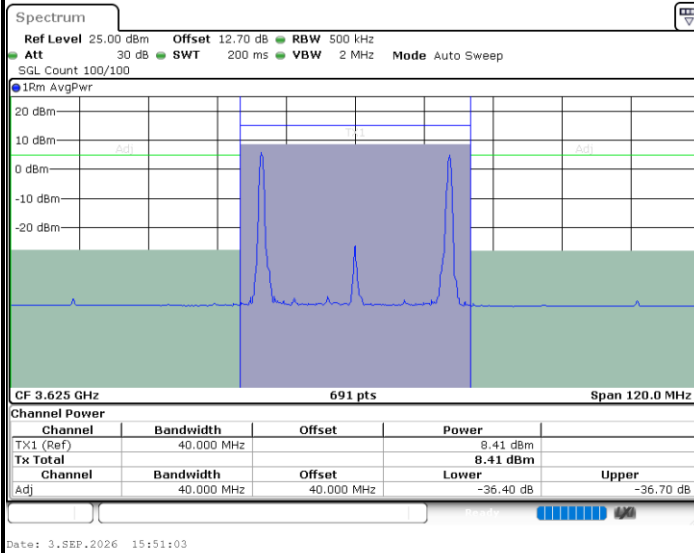


LTE Band 48C / 15MHz+20MHz

QPSK

Middle Channel / 1RB0 and 1RB99

Middle Channel / 1RB74 and 1RB0



Middle Channel / FullRB

N/A

