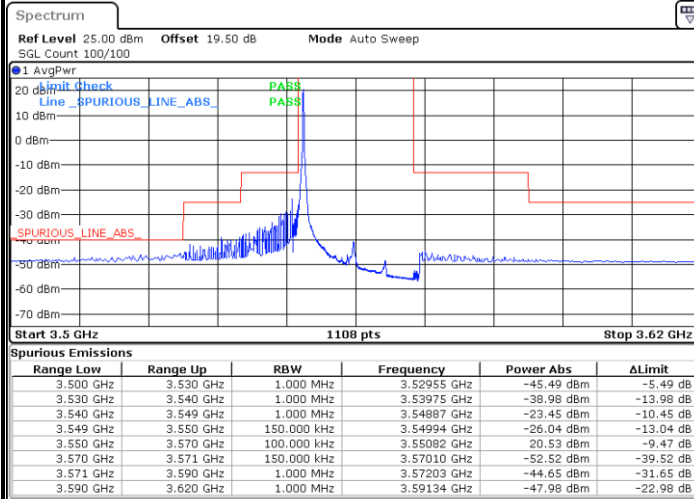




LTE Band 48 / 15MHz

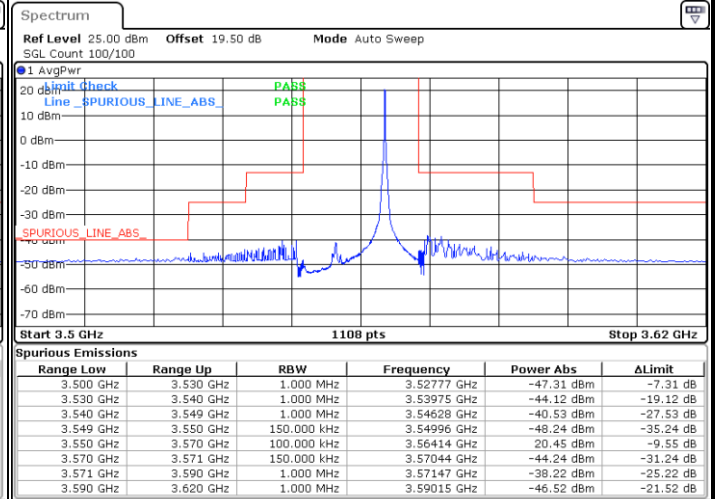
QPSK

Lowest Channel / 1RB0



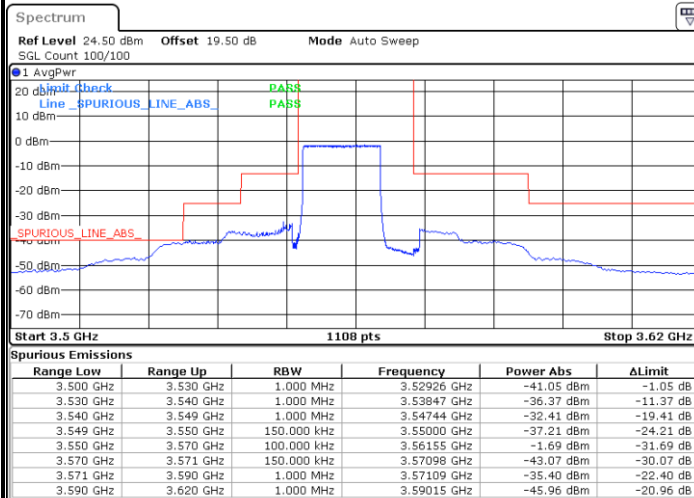
Date: 20 JUN 2024 18:31:32

Lowest Channel / 1RBmax



Date: 20 JUN 2024 18:32:55

Lowest Channel / FullIRB



Date: 14 JUN 2024 09:25:10

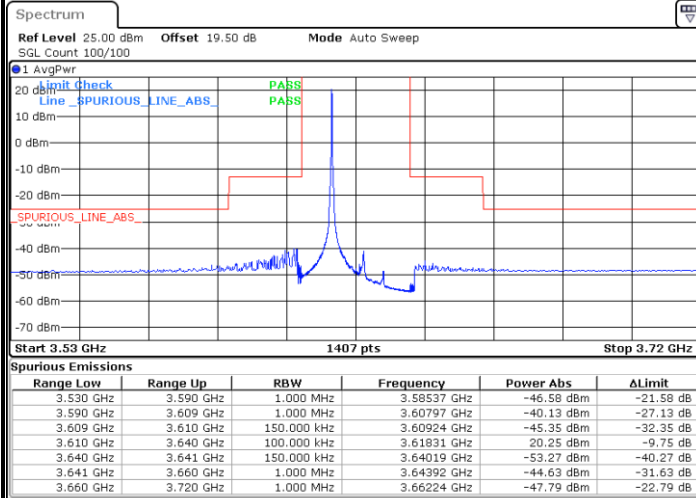
N/A



LTE Band 48 / 15MHz

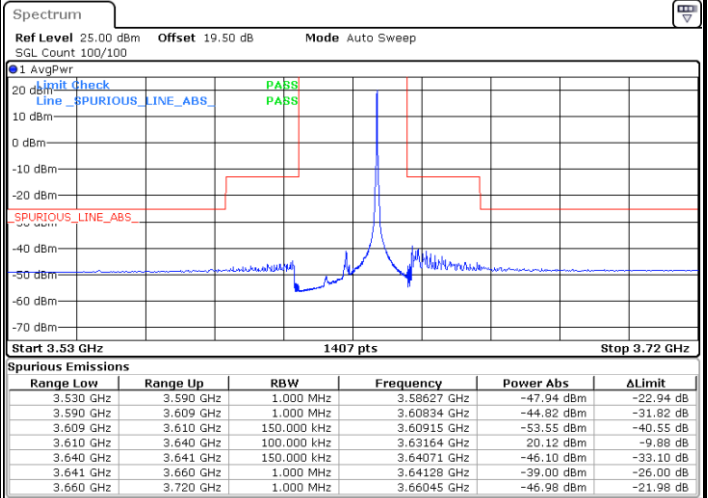
QPSK

Middle Channel / 1RB0



Date: 21 JUN 2024 09:11:22

Middle Channel / 1RBmax



Date: 21 JUN 2024 09:09:45

Middle Channel / FullRB



Date: 21 JUN 2024 09:01:40

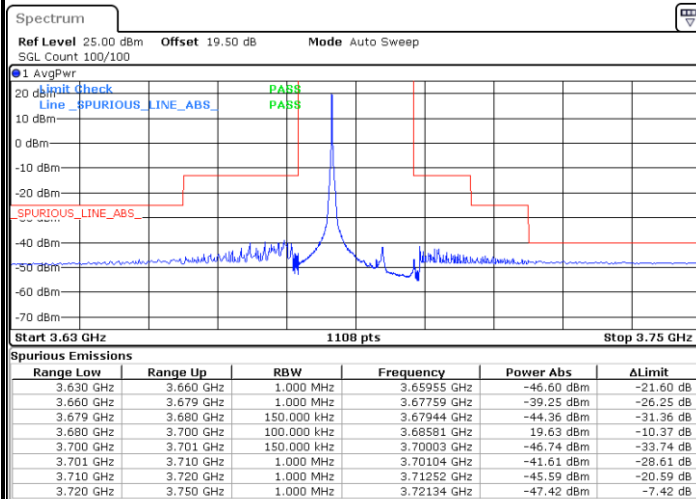
N/A



LTE Band 48 / 15MHz

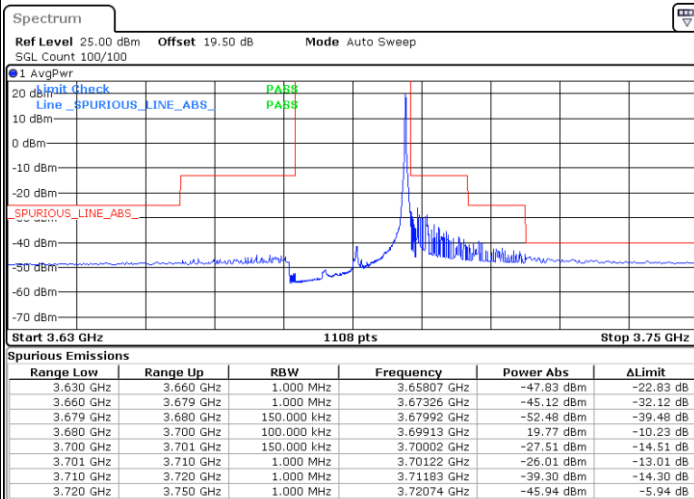
QPSK

Highest Channel / 1RB0



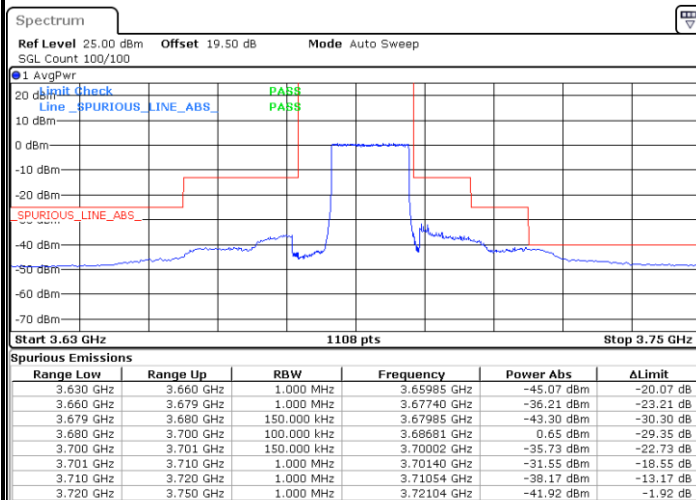
Date: 20 JUN 2024 19:18:53

Highest Channel / 1RBmax



Date: 20 JUN 2024 19:20:16

Highest Channel / FullRB



Date: 20 JUN 2024 19:27:09

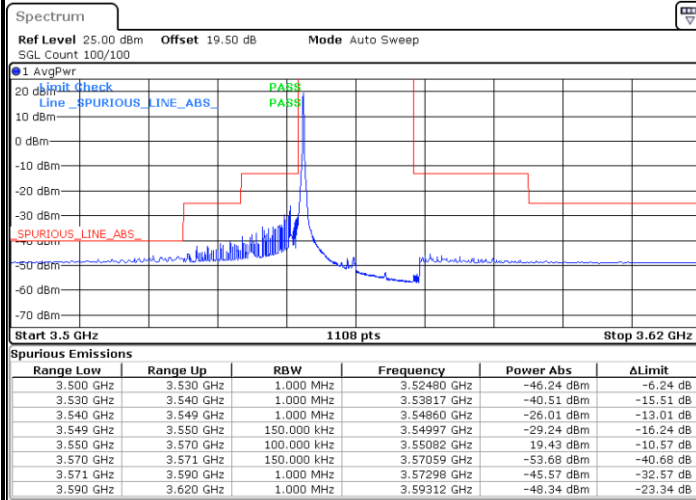
N/A



LTE Band 48 / 15MHz

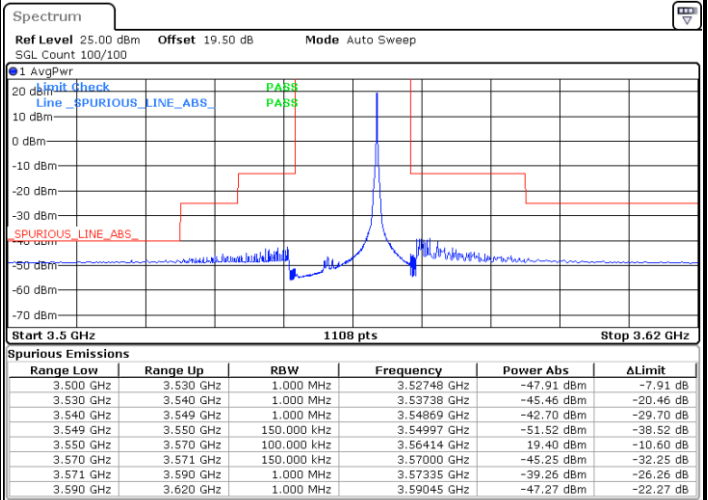
16QAM

Lowest Channel / 1RB0



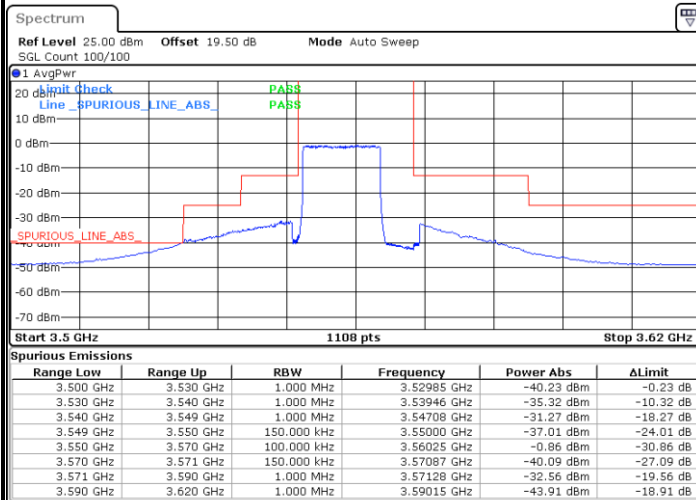
Date: 20 JUN 2024 18:30:10

Lowest Channel / 1RBmax



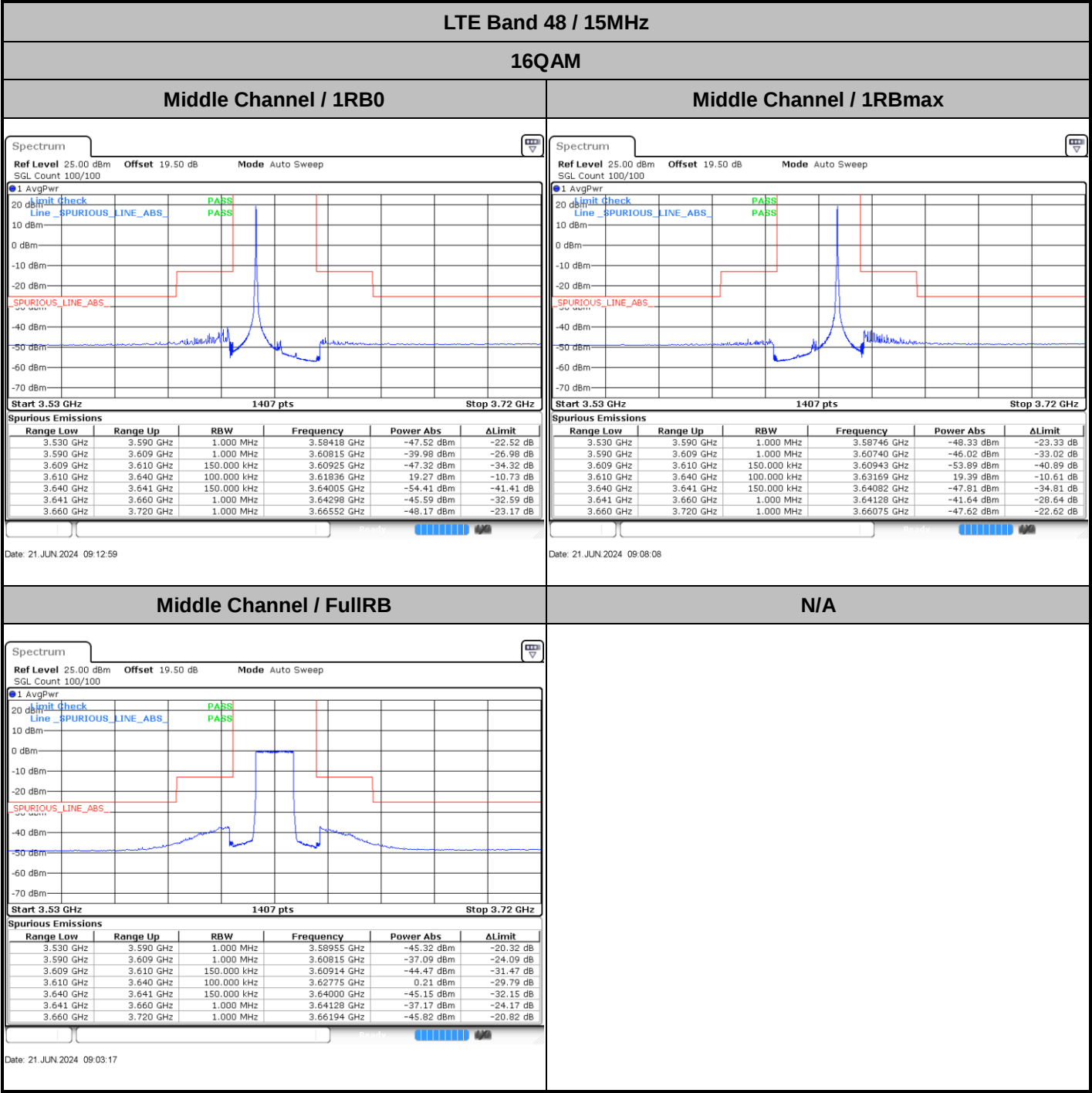
Date: 20 JUN 2024 18:34:18

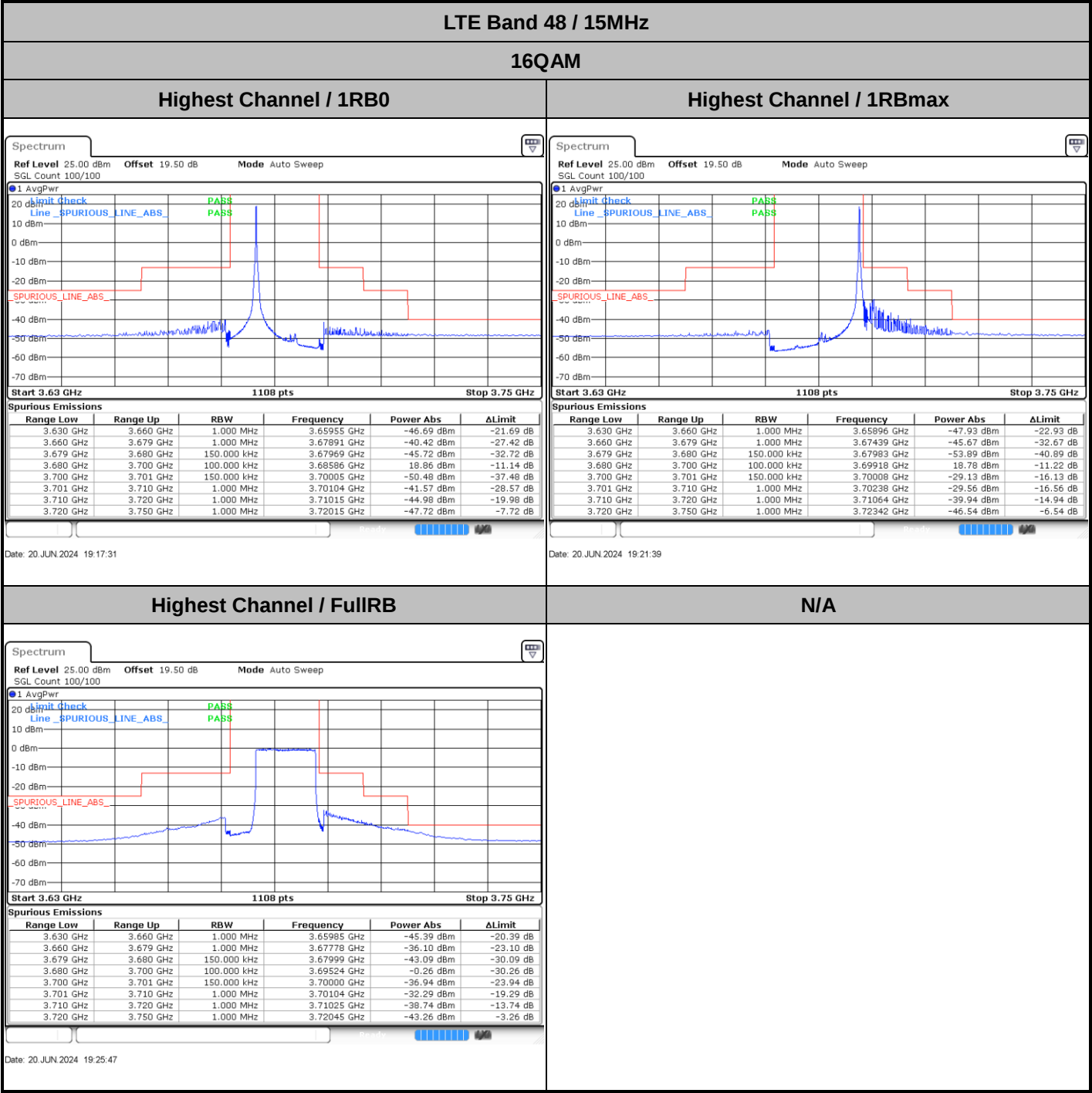
Lowest Channel / FullRB



Date: 21 JUN 2024 08:44:03

N/A



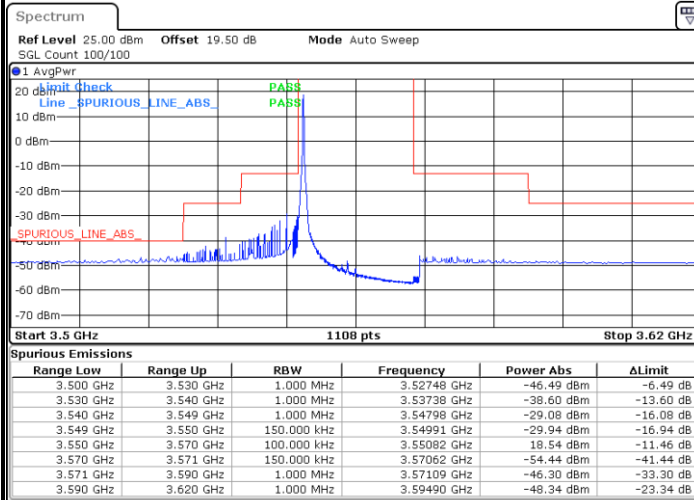




LTE Band 48 / 15MHz

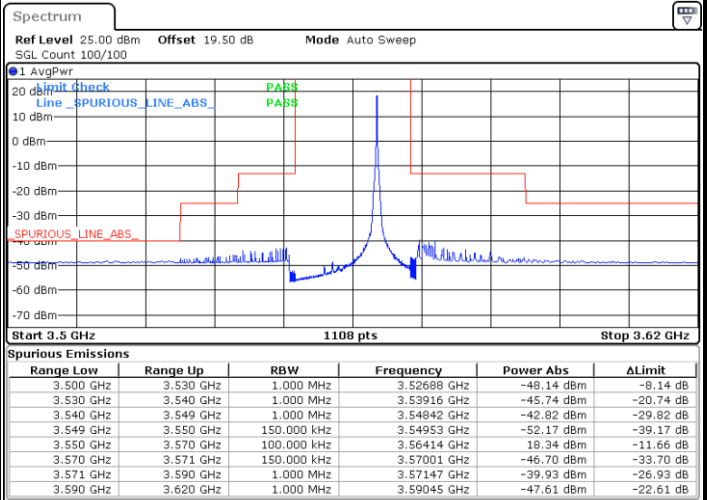
64QAM

Lowest Channel / 1RB0



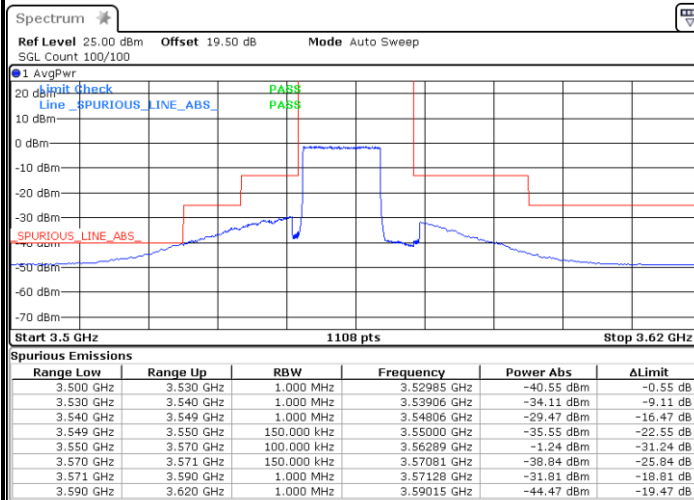
Date: 20 JUN 2024 18:28:47

Lowest Channel / 1RBmax



Date: 20 JUN 2024 18:35:41

Lowest Channel / FullRB



Date: 21 JUN 2024 08:51:37

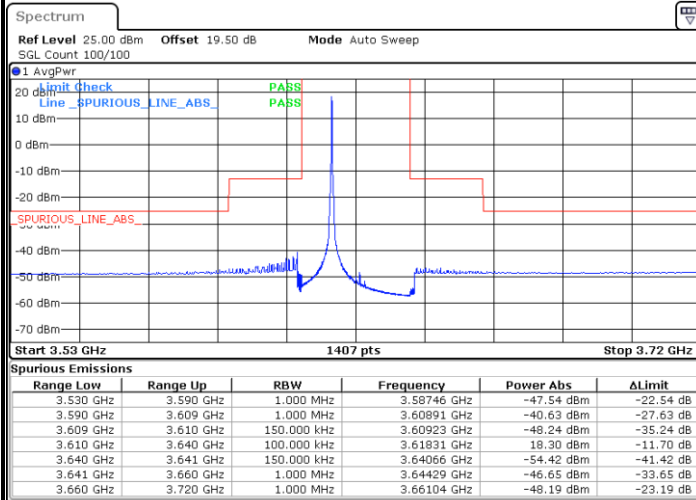
N/A



LTE Band 48 / 15MHz

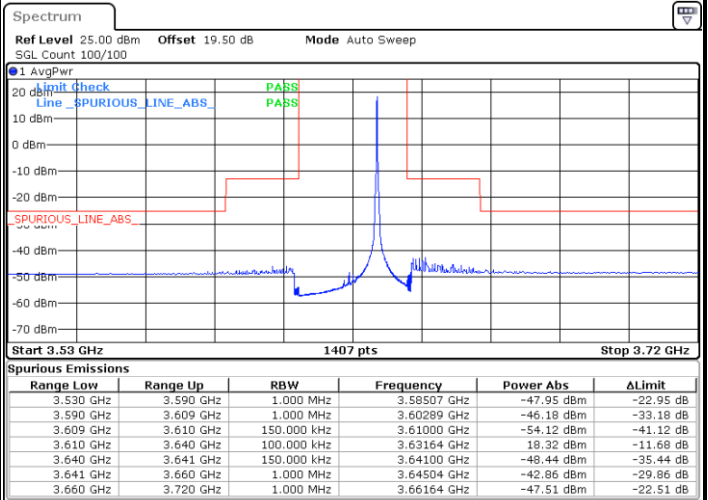
64QAM

Middle Channel / 1RB0



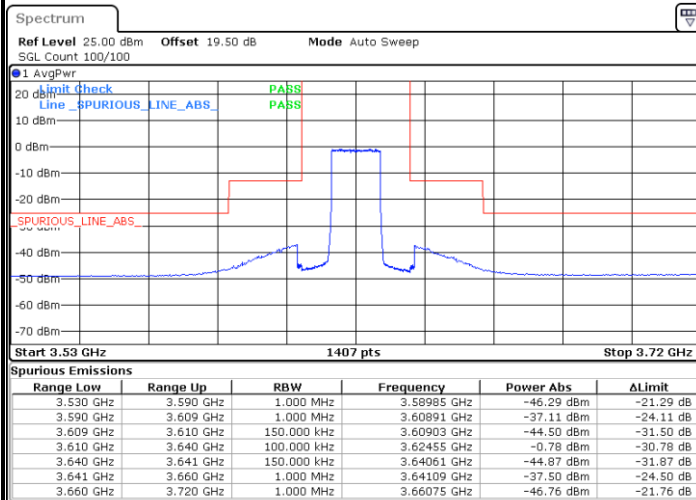
Date: 21 JUN 2024 09:14:37

Middle Channel / 1RBmax



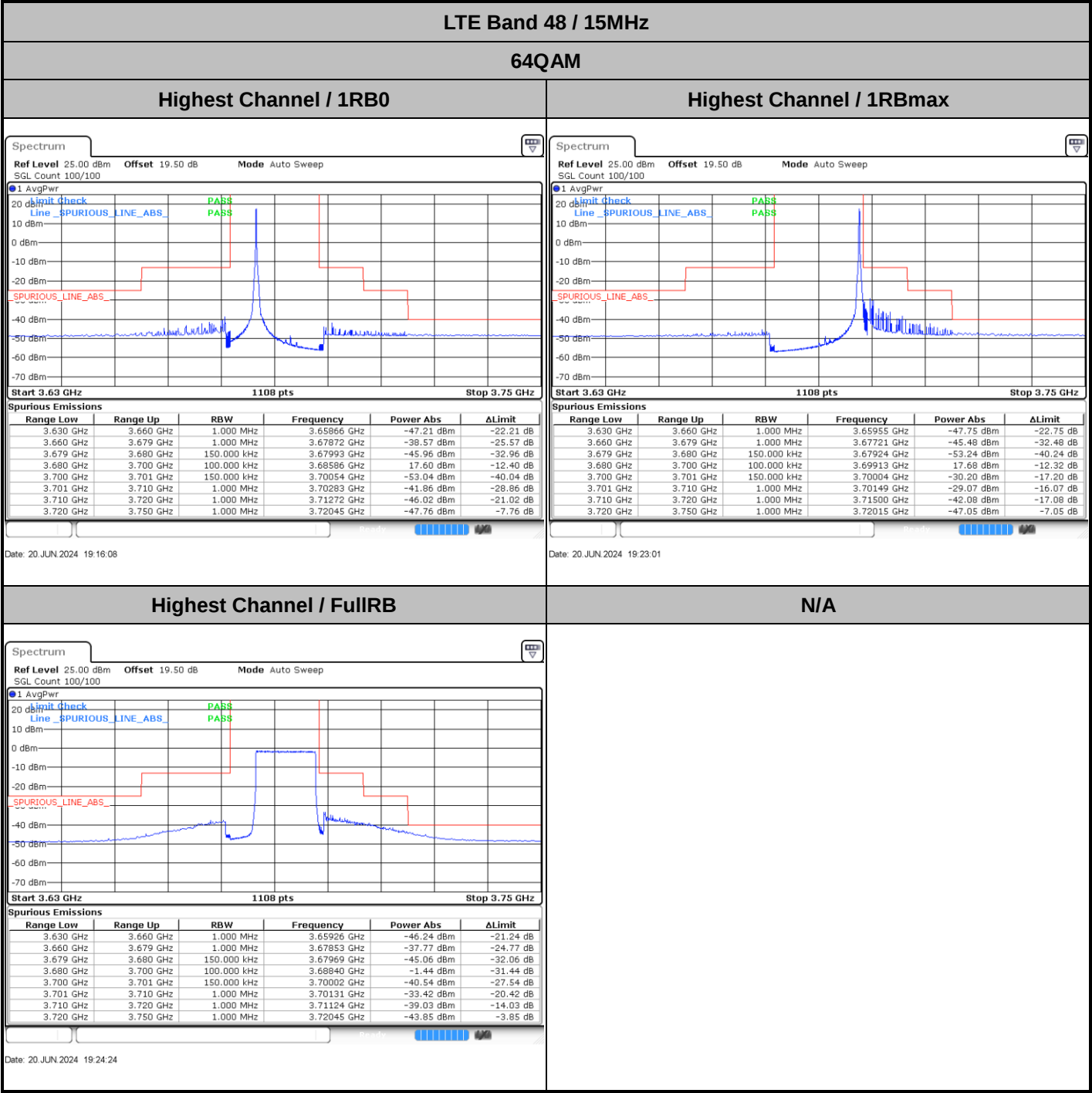
Date: 21 JUN 2024 09:06:31

Middle Channel / FullRB



Date: 21 JUN 2024 09:04:54

N/A

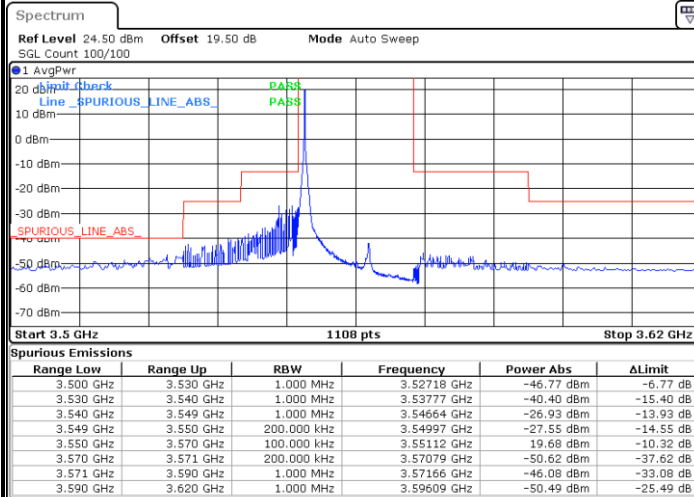




LTE Band 48 / 20MHz

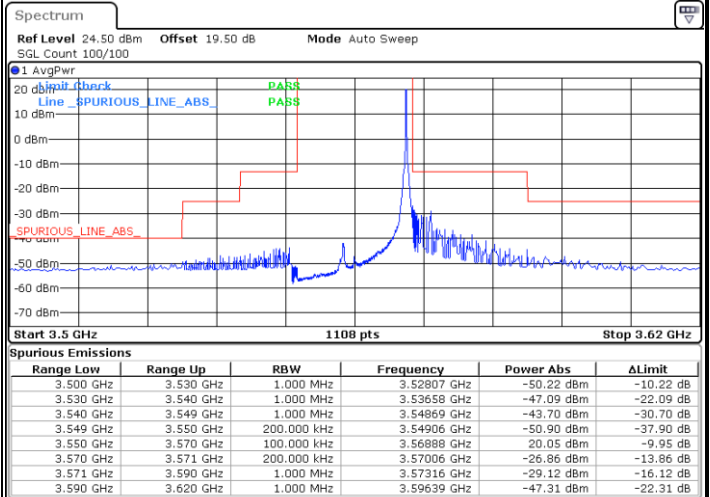
QPSK

Lowest Channel / 1RB0



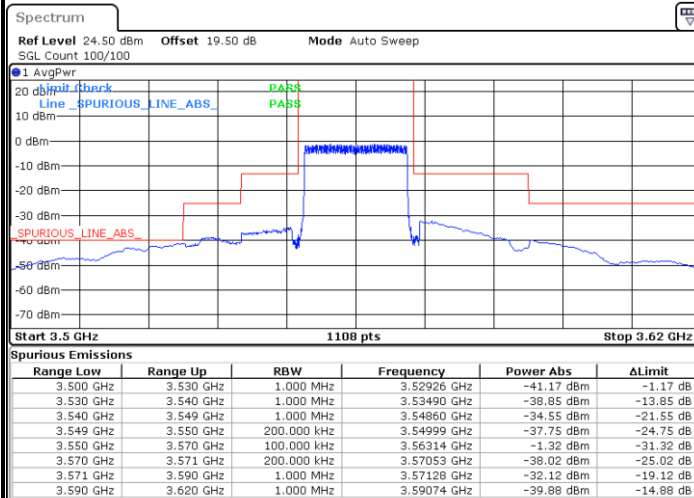
Date: 20 JUN 2024 19:38:05

Lowest Channel / 1RBmax



Date: 20 JUN 2024 19:45:01

Lowest Channel / FullIRB



Date: 20 JUN 2024 19:46:24

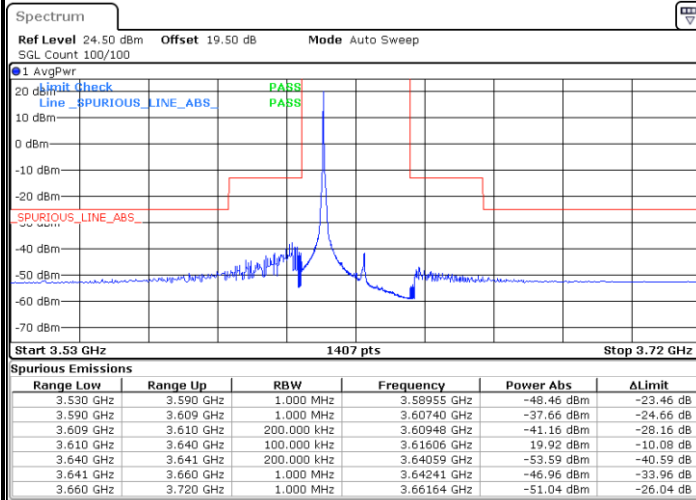
N/A



LTE Band 48 / 20MHz

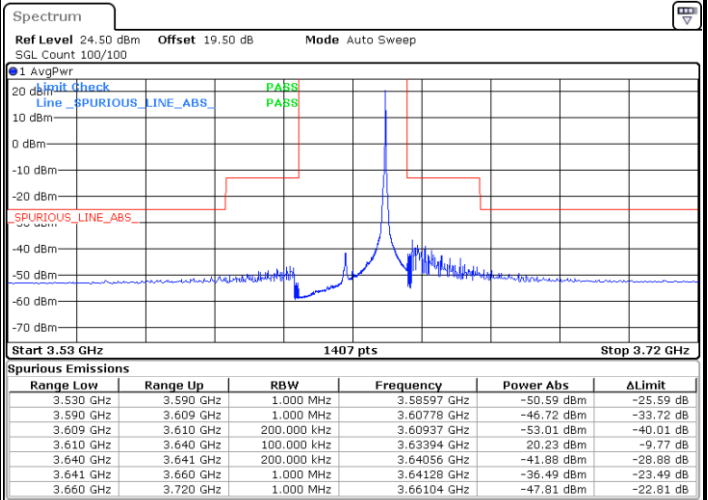
QPSK

Middle Channel / 1RB0



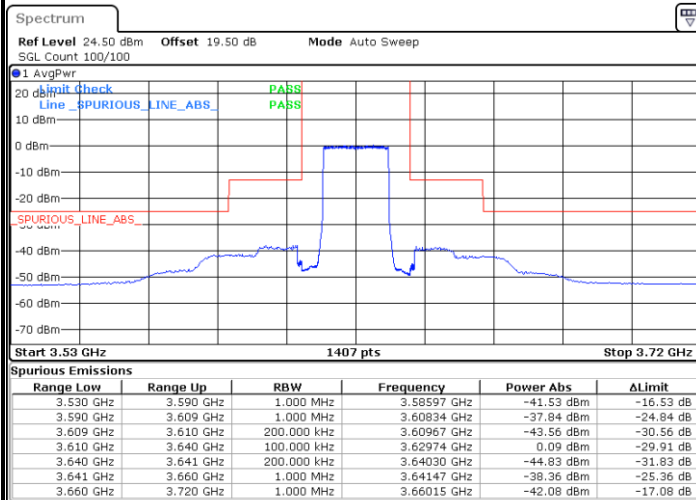
Date: 21 JUN 2024 09:39:39

Middle Channel / 1RBmax



Date: 21 JUN 2024 09:31:33

Middle Channel / FullRB



Date: 21 JUN 2024 09:29:56

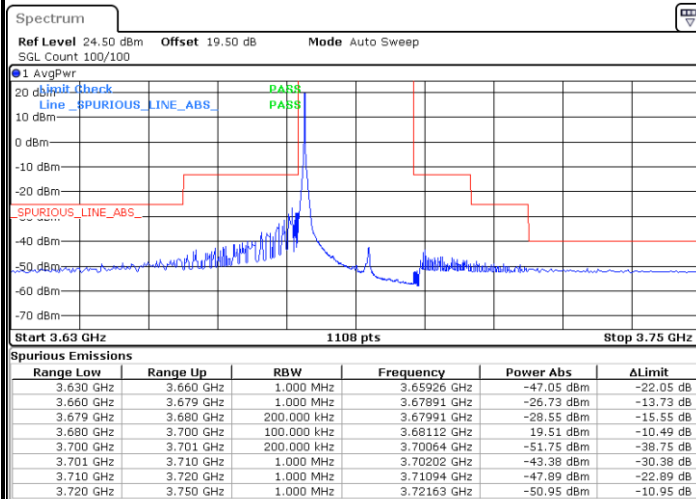
N/A



LTE Band 48 / 20MHz

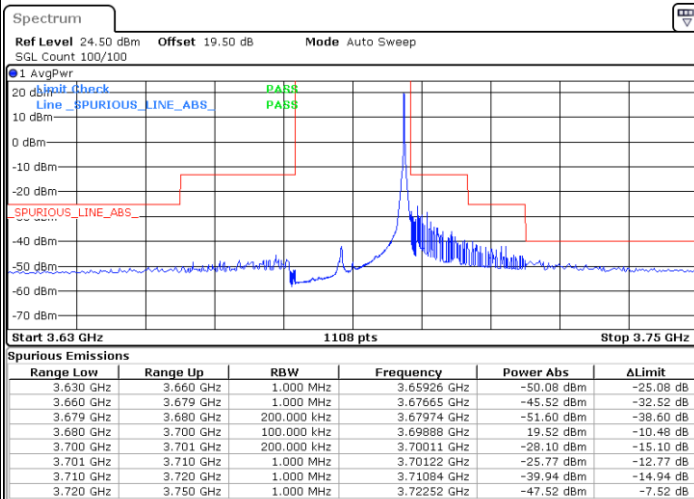
QPSK

Highest Channel / 1RB0



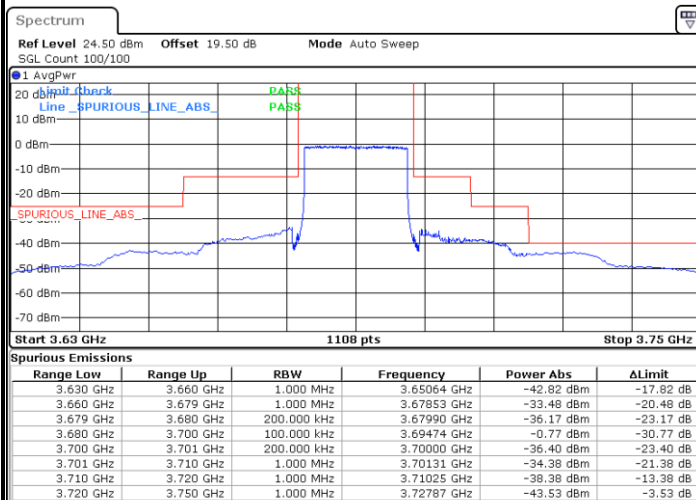
Date: 20 JUN 2024 20:25:07

Highest Channel / 1RBmax



Date: 20 JUN 2024 20:32:01

Highest Channel / FullRB



Date: 20 JUN 2024 20:33:23

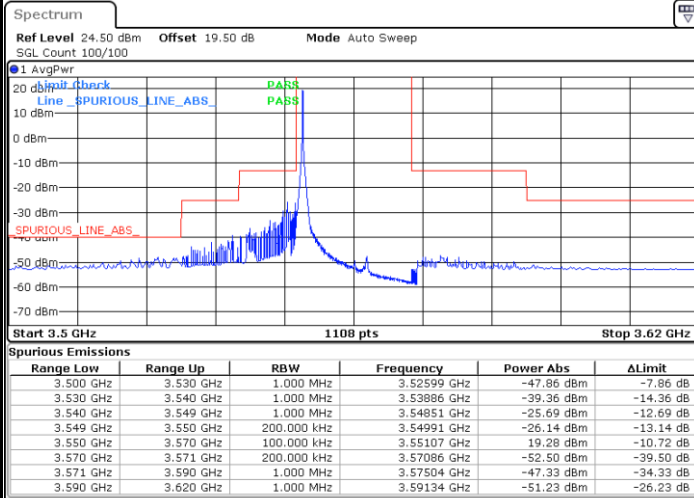
N/A



LTE Band 48 / 20MHz

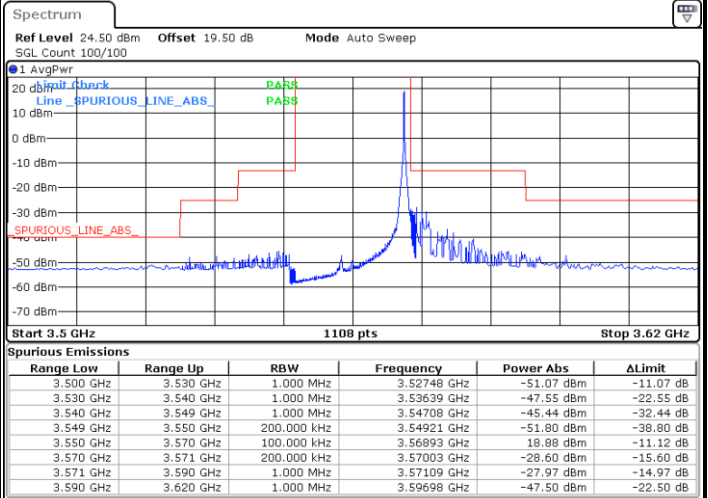
16QAM

Lowest Channel / 1RB0



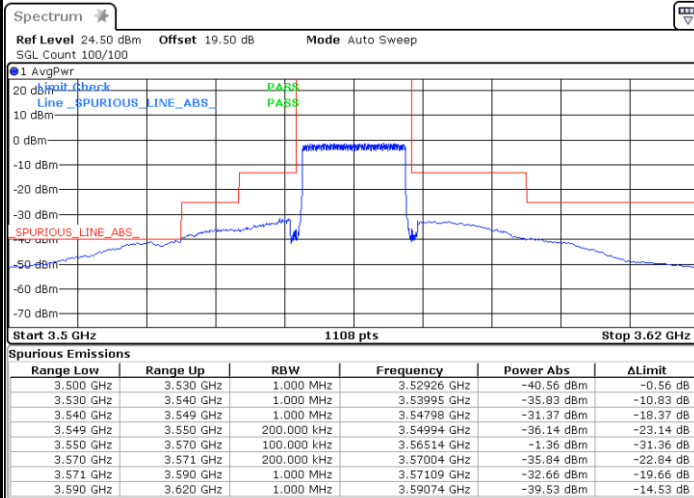
Date: 20 JUN 2024 19:39:28

Lowest Channel / 1RBmax



Date: 20 JUN 2024 19:43:37

Lowest Channel / FullIRB



Date: 21 JUN 2024 08:58:28

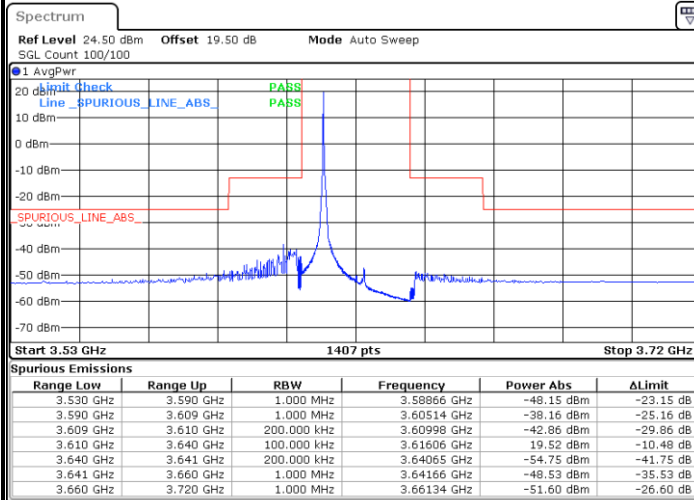
N/A



LTE Band 48 / 20MHz

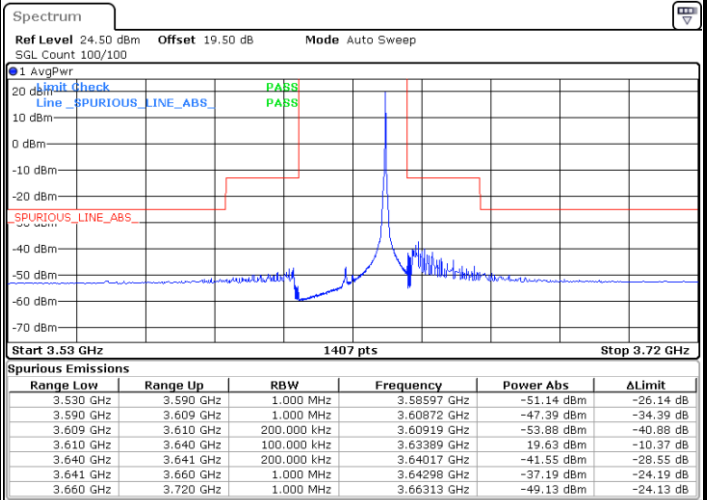
16QAM

Middle Channel / 1RB0



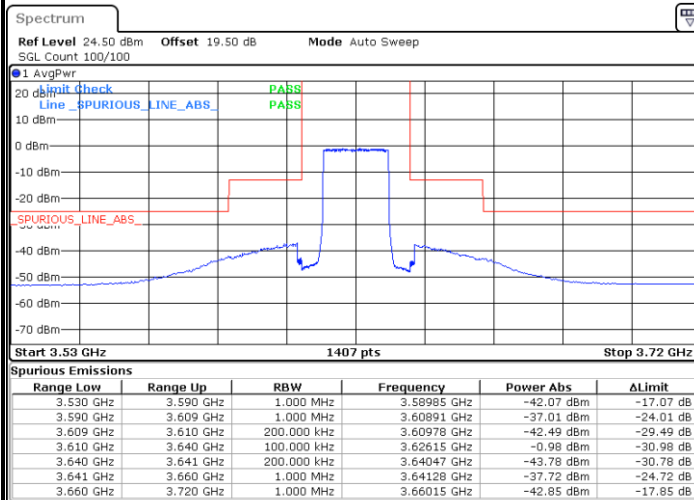
Date: 21 JUN 2024 09:38:02

Middle Channel / 1RBmax



Date: 21 JUN 2024 09:33:11

Middle Channel / FullRB



Date: 21 JUN 2024 09:28:19

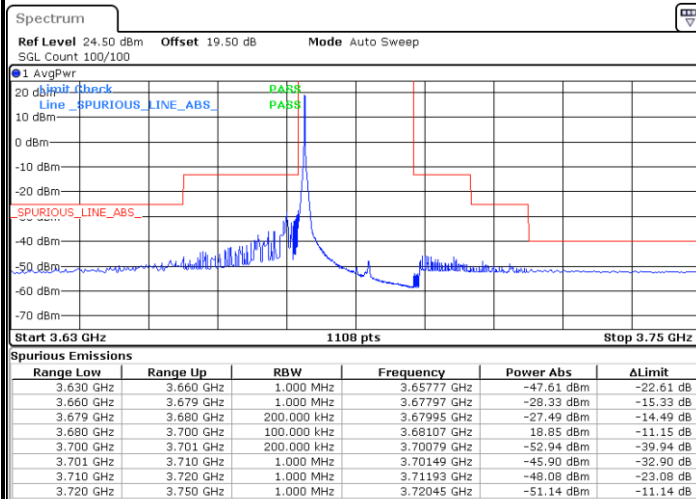
N/A



LTE Band 48 / 20MHz

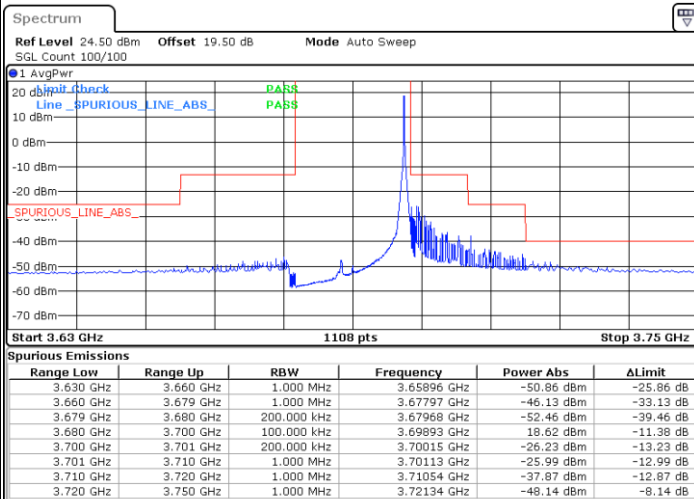
16QAM

Highest Channel / 1RB0



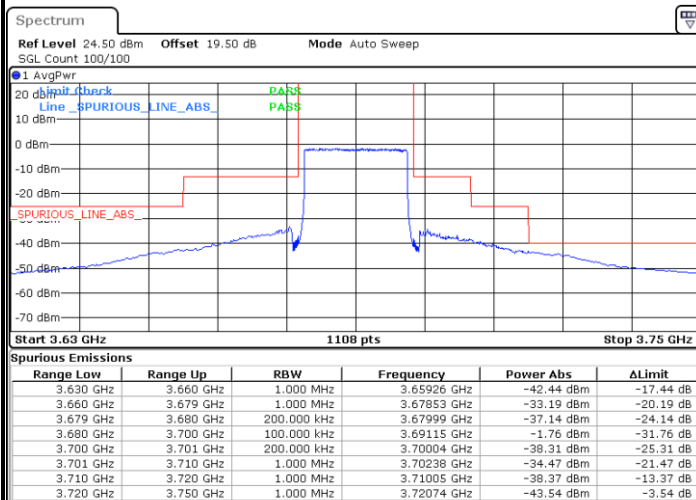
Date: 20 JUN 2024 20:26:30

Highest Channel / 1RBmax



Date: 20 JUN 2024 20:30:38

Highest Channel / FullRB



Date: 20 JUN 2024 20:34:46

N/A

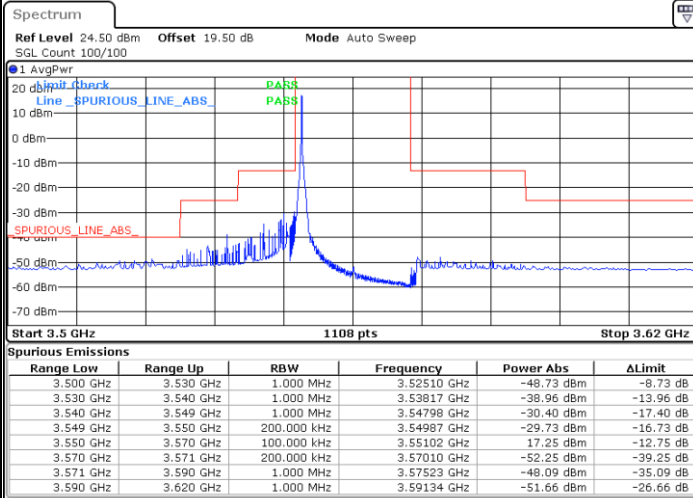


LTE Band 48 / 20MHz

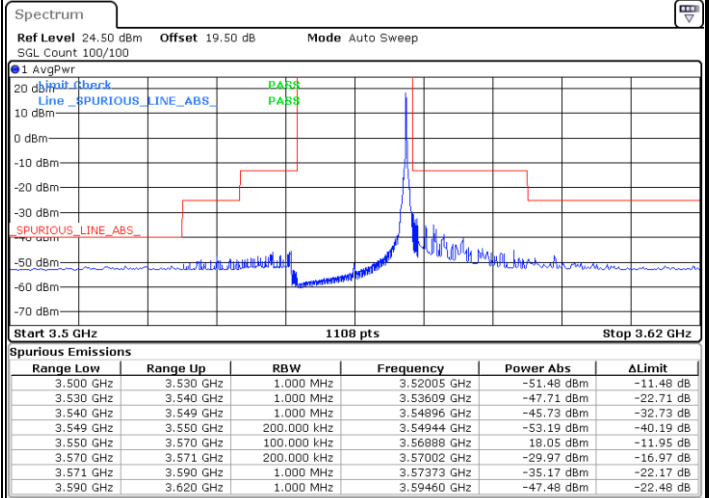
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



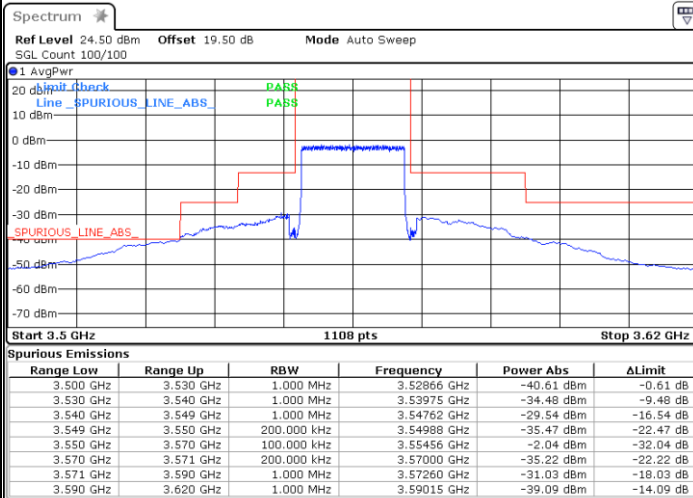
Date: 20 JUN 2024 19:40:51



Date: 20 JUN 2024 19:42:14

Lowest Channel / FullIRB

N/A



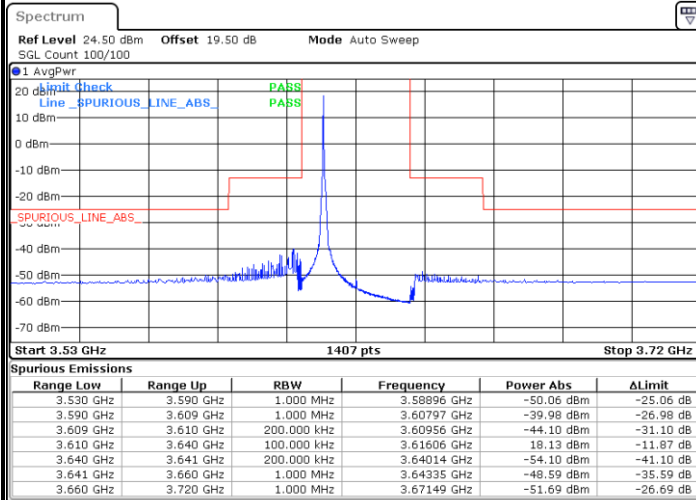
Date: 20 JUN 2024 15:53:40



LTE Band 48 / 20MHz

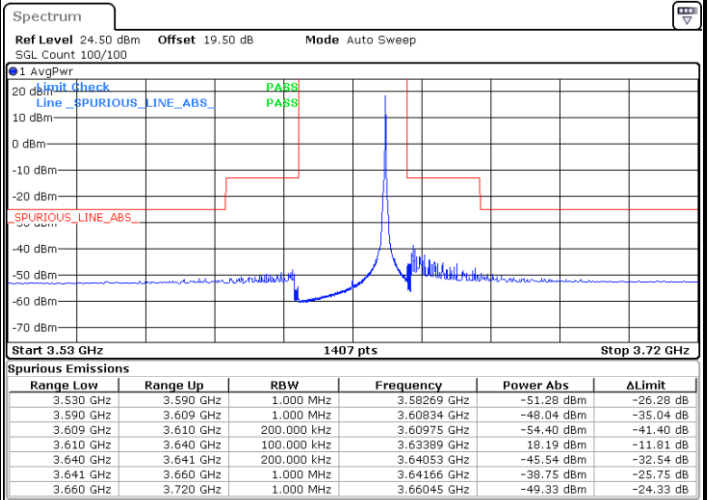
64QAM

Middle Channel / 1RB0



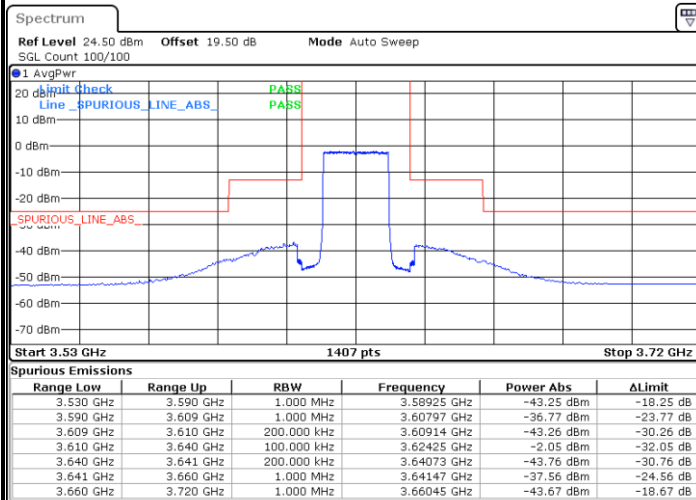
Date: 21 JUN 2024 09:36:25

Middle Channel / 1RBmax



Date: 21 JUN 2024 09:34:48

Middle Channel / FullRB



Date: 21 JUN 2024 09:26:42

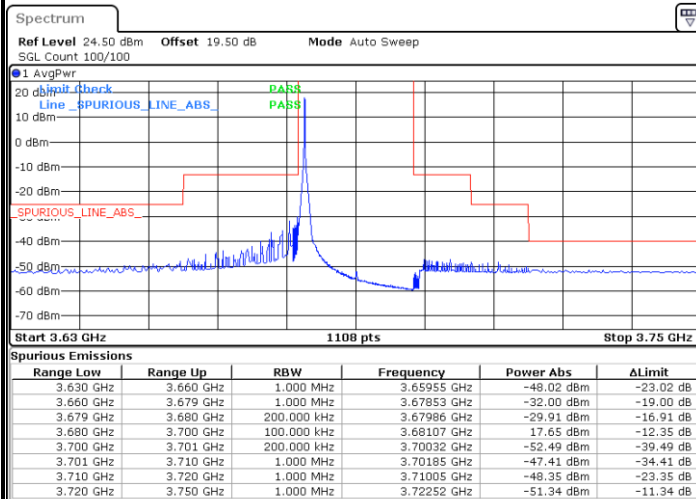
N/A



LTE Band 48 / 20MHz

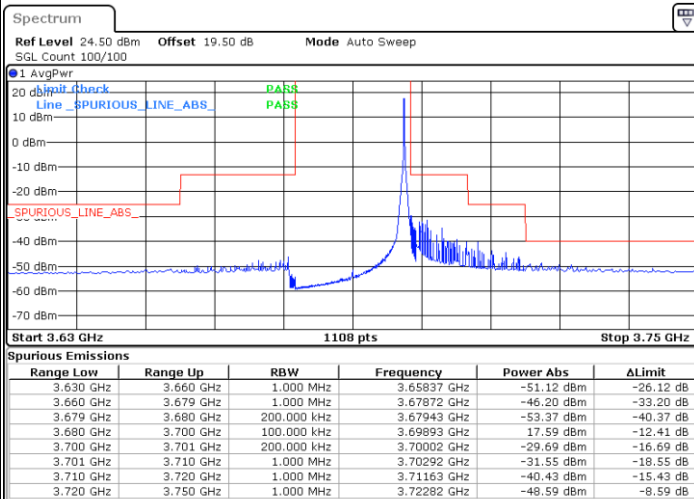
64QAM

Highest Channel / 1RB0



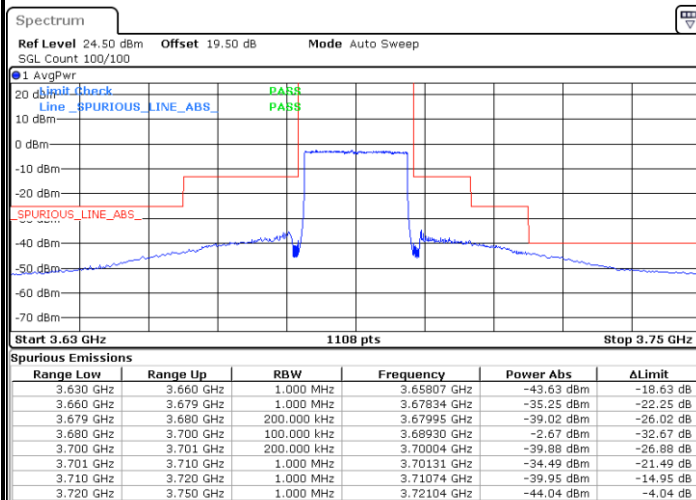
Date: 20 JUN 2024 20:27:53

Highest Channel / 1RBmax



Date: 20 JUN 2024 20:29:15

Highest Channel / FullRB



Date: 20 JUN 2024 20:36:08

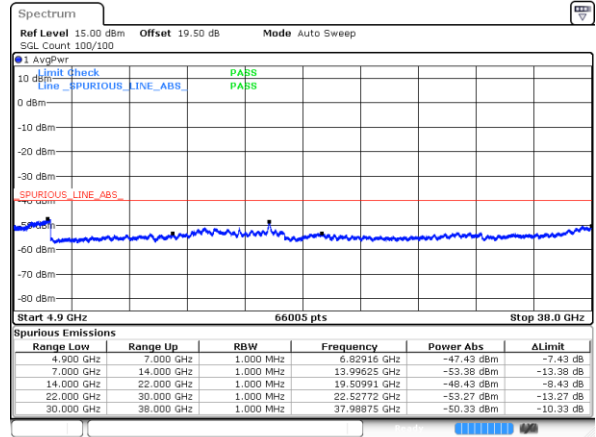
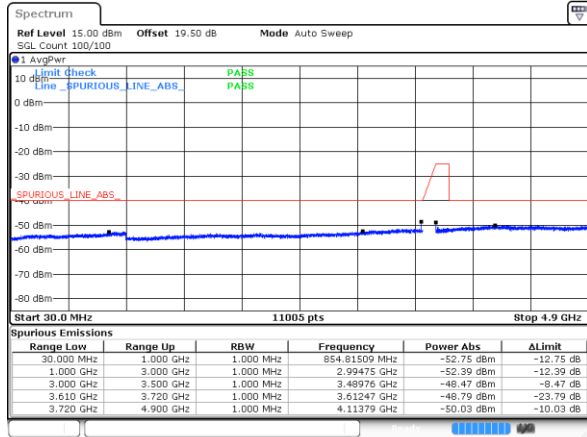
N/A



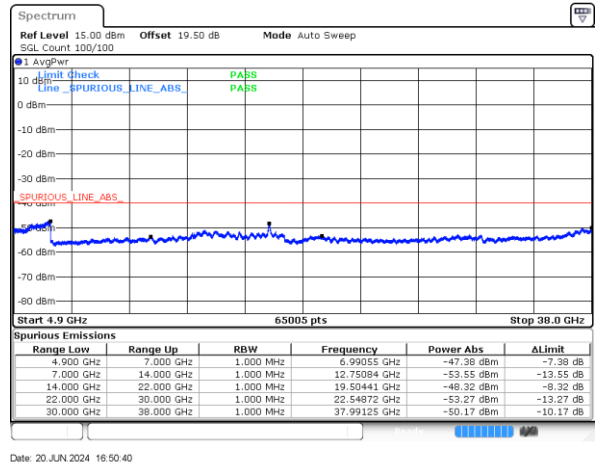
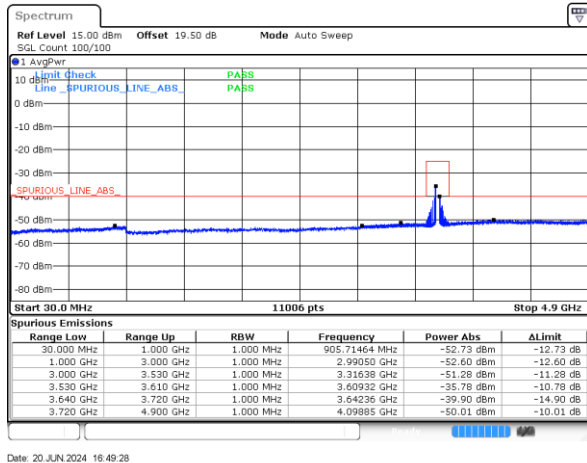
Conducted Spurious Emission

LTE Band 48 / 5MHz

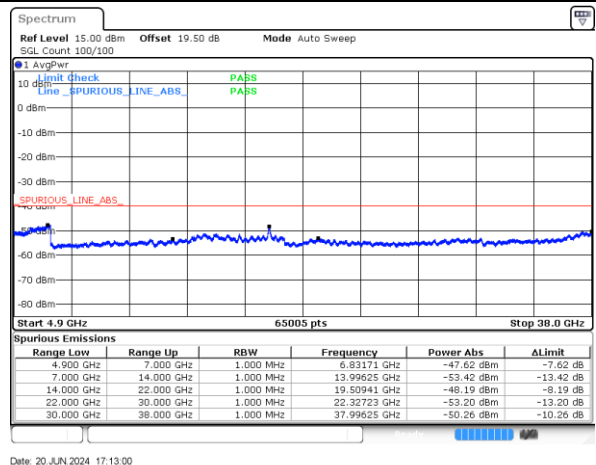
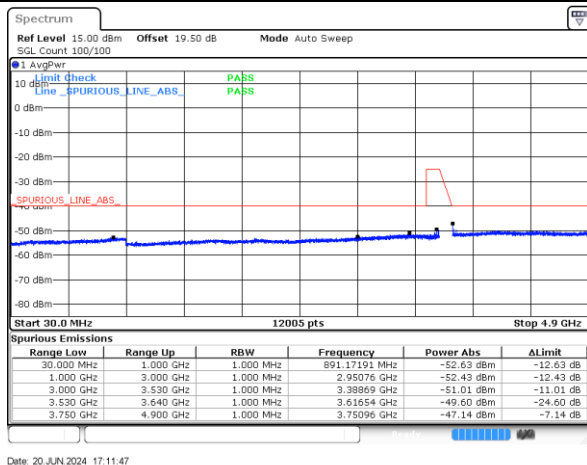
Lowest Channel / QPSK



Middle Channel / QPSK



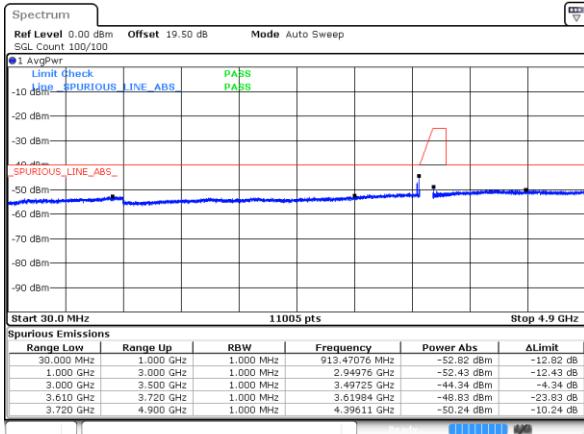
Highest Channel / QPSK



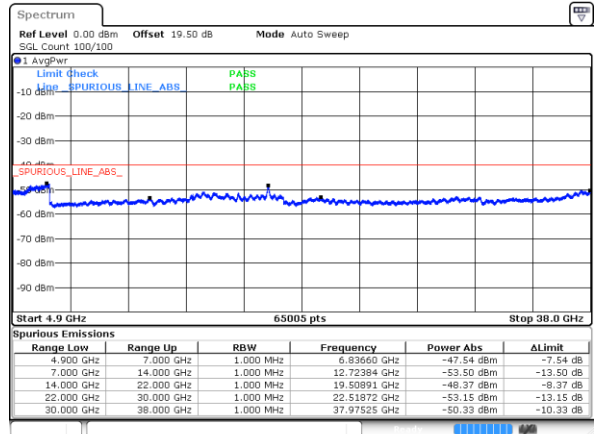


LTE Band 48 / 10MHz

Lowest Channel / QPSK

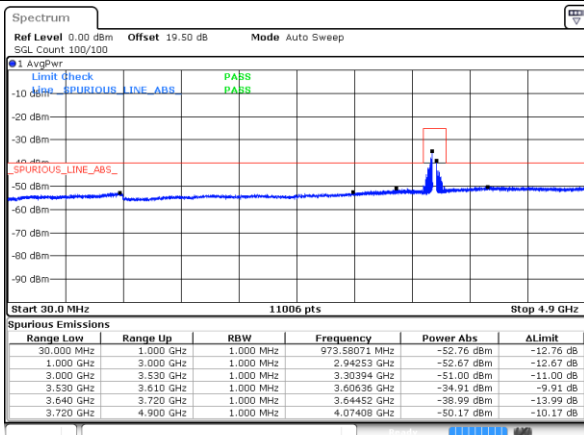


Date: 20 JUN 2024 17:33:49

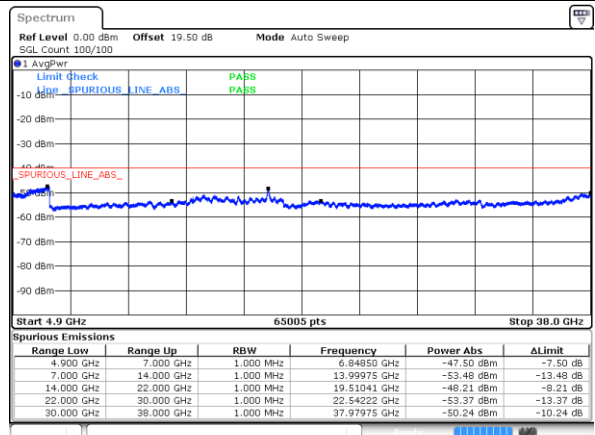


Date: 20 JUN 2024 17:35:01

Middle Channel / QPSK

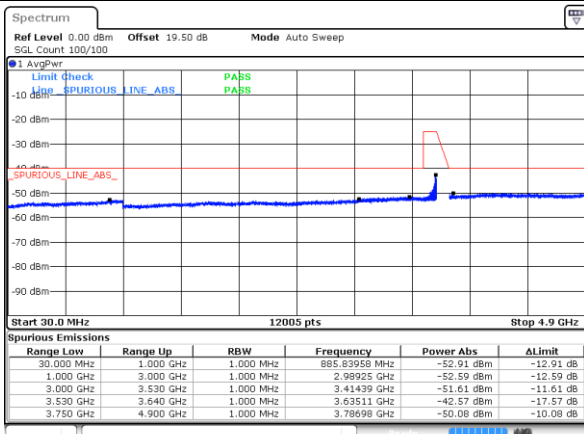


Date: 20 JUN 2024 17:57:06

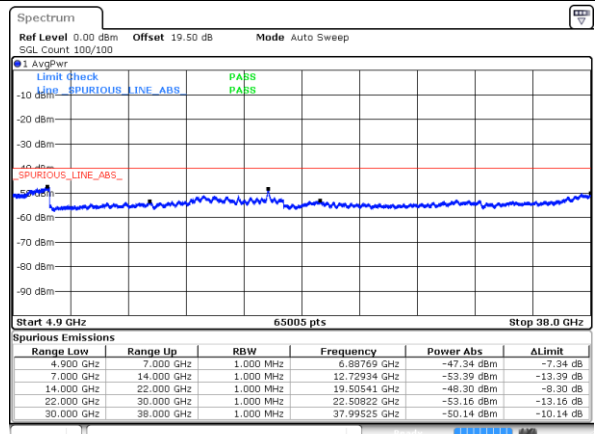


Date: 20 JUN 2024 17:58:18

Highest Channel / QPSK



Date: 20 JUN 2024 18:19:12

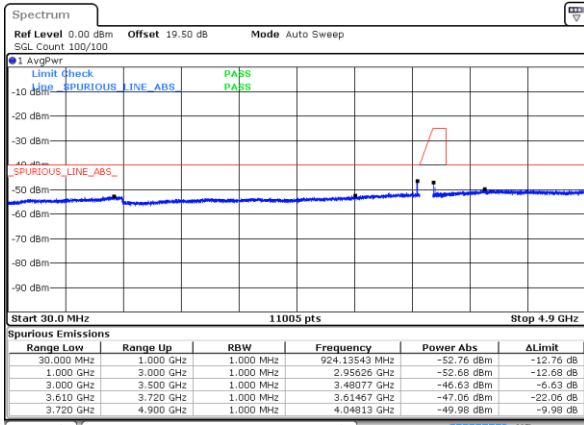


Date: 20 JUN 2024 18:20:25

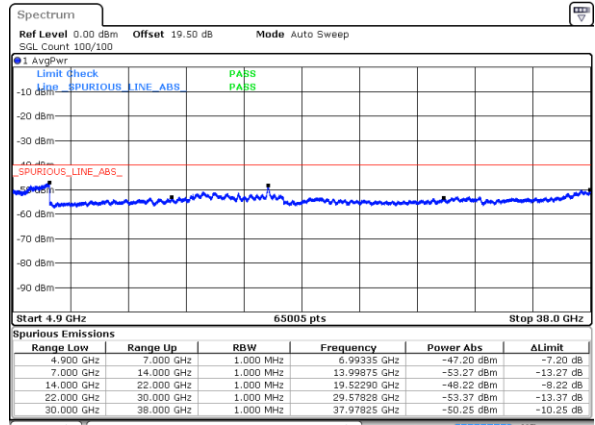


LTE Band 48 / 15MHz

Lowest Channel / QPSK

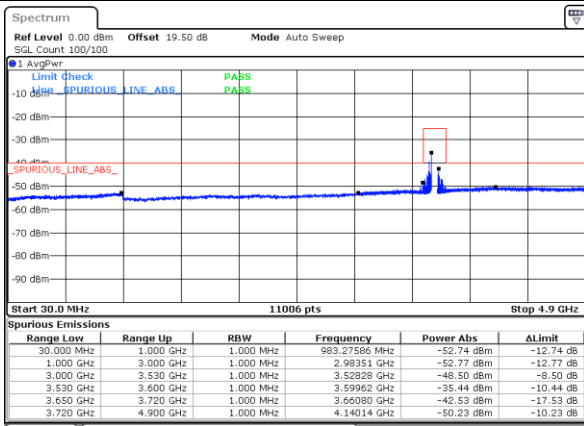


Date: 20 JUN 2024 18:41:16

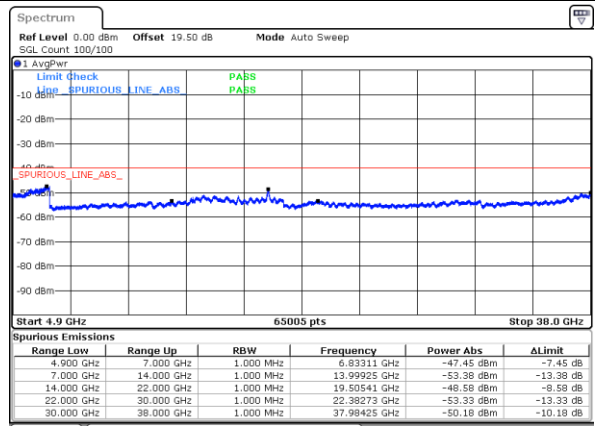


Date: 20 JUN 2024 18:42:29

Middle Channel / QPSK

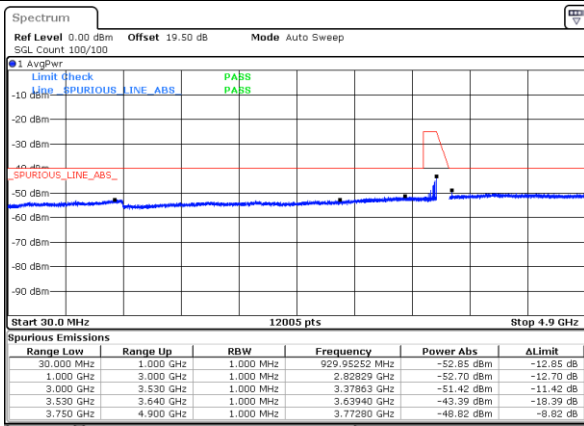


Date: 20 JUN 2024 19:06:30

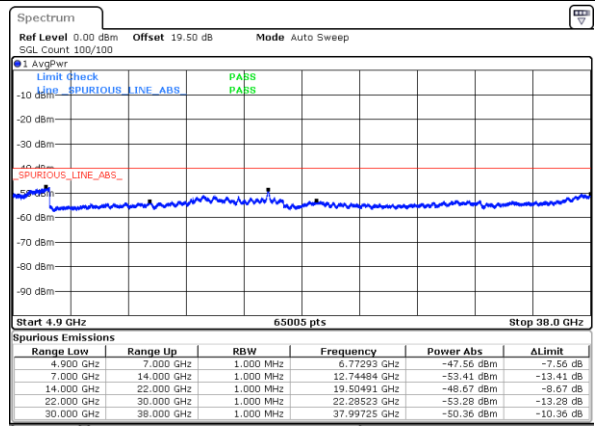


Date: 20 JUN 2024 19:07:42

Highest Channel / QPSK



Date: 20 JUN 2024 19:28:37

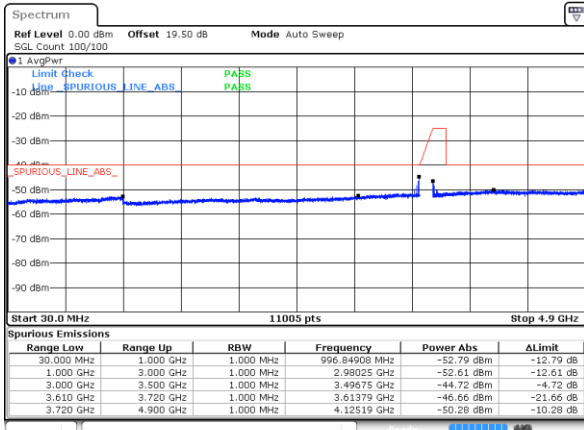


Date: 20 JUN 2024 19:29:50

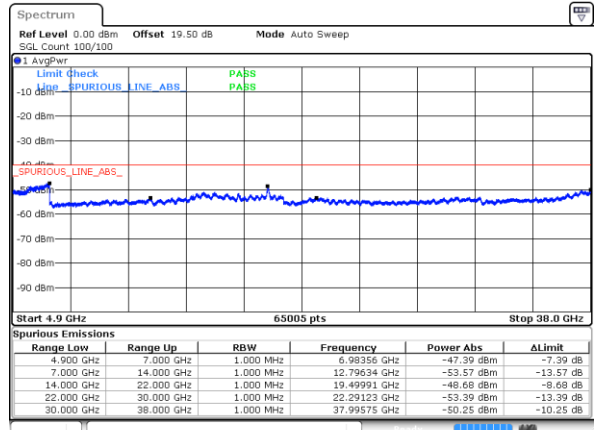


LTE Band 48 / 20MHz

Lowest Channel / QPSK

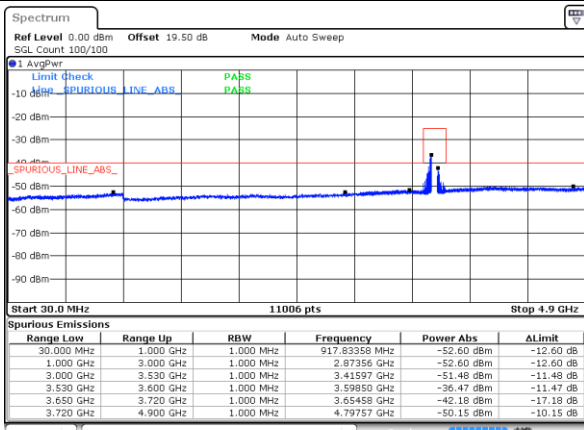


Date: 20 JUN 2024 19:49:14

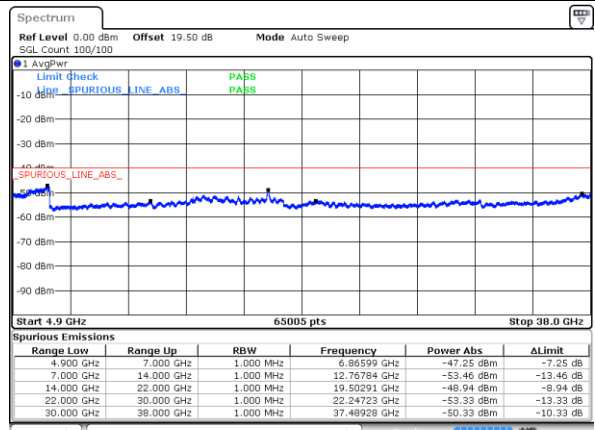


Date: 20 JUN 2024 19:50:27

Middle Channel / QPSK

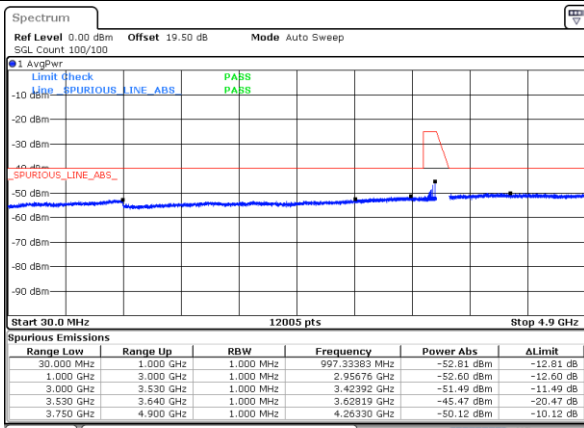


Date: 20 JUN 2024 20:14:15

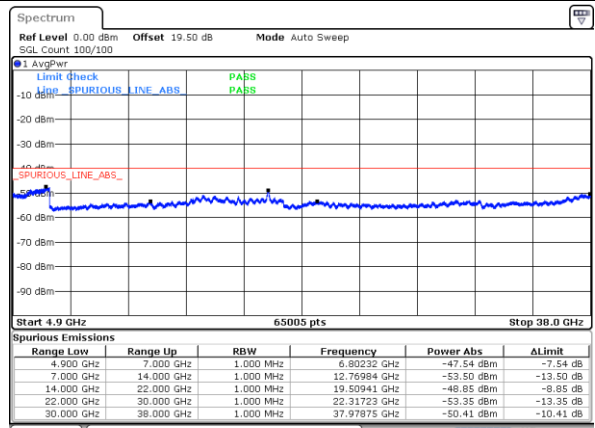


Date: 20 JUN 2024 20:15:28

Highest Channel / QPSK



Date: 20 JUN 2024 20:37:36



Date: 20 JUN 2024 20:38:49

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	0.0003	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0004	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 3.81 V. ; Battery End Point = 3.5 V. ; Maximum Voltage = 4.41 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	25.03	30.03	34.97	25.18
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.27	34.97	39.88	-

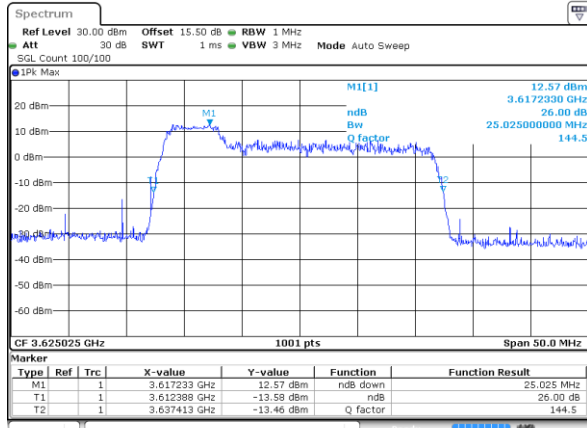
Mode	LTE Band 48C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.98	29.85	35.04	25.08
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	34.90	39.88	-



LTE Band 48C

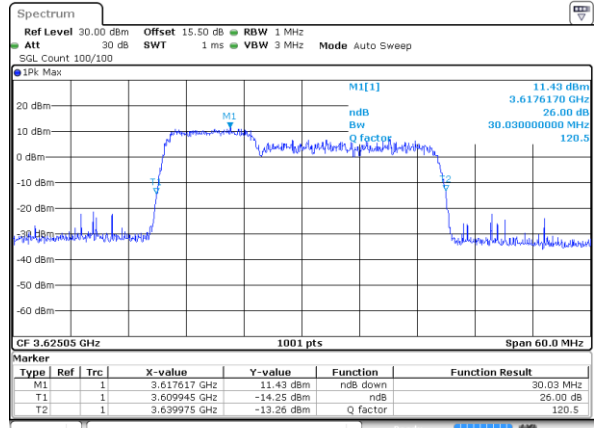
QPSK

Middle Channel / 5MHz+20MHz



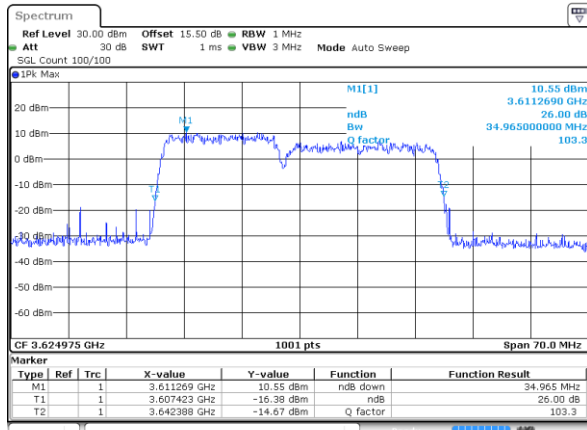
Date: 17 JUN 2024 10:38:20

Middle Channel / 10MHz+20MHz



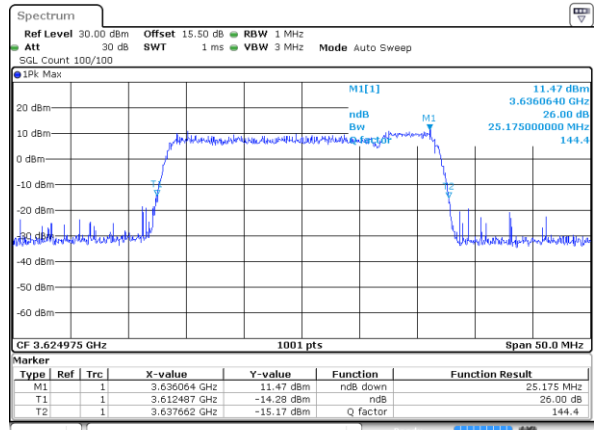
Date: 17 JUN 2024 11:42:01

Middle Channel / 15MHz+20MHz



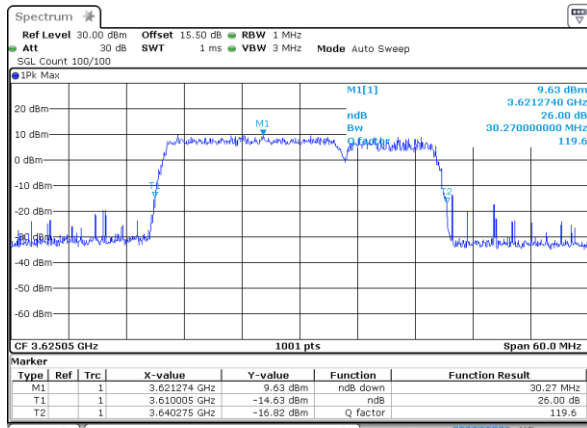
Date: 17 JUN 2024 12:43:41

Middle Channel / 20MHz+5MHz



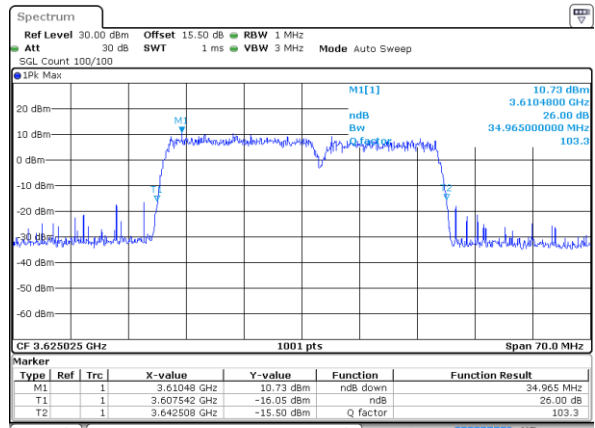
Date: 14 JUN 2024 17:44:47

Middle Channel / 20MHz+10MHz

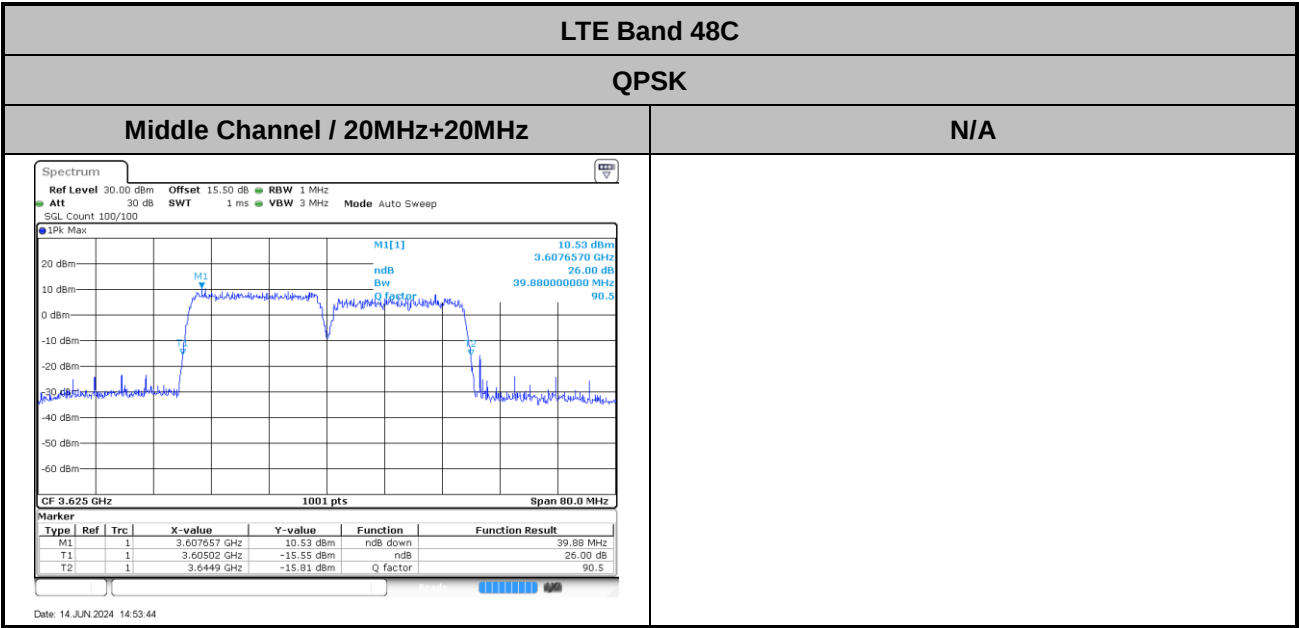


Date: 14 JUN 2024 16:15:08

Middle Channel / 20MHz+15MHz



Date: 14 JUN 2024 13:07:50

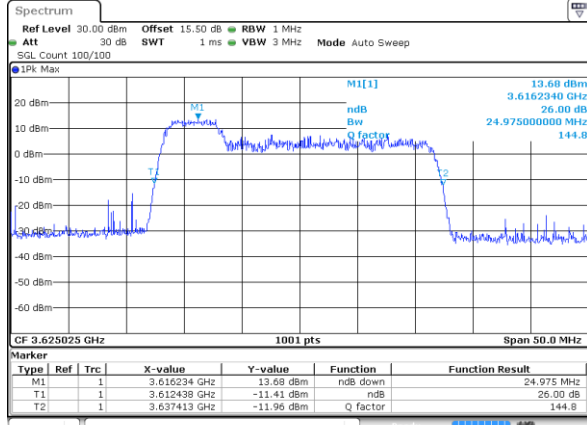




LTE Band 48C

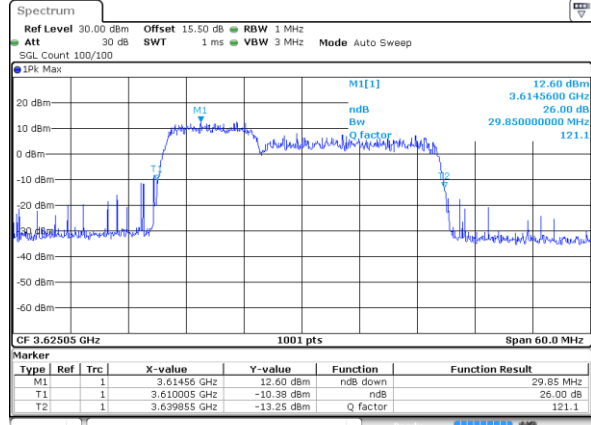
16QAM

Middle Channel / 5MHz+20MHz



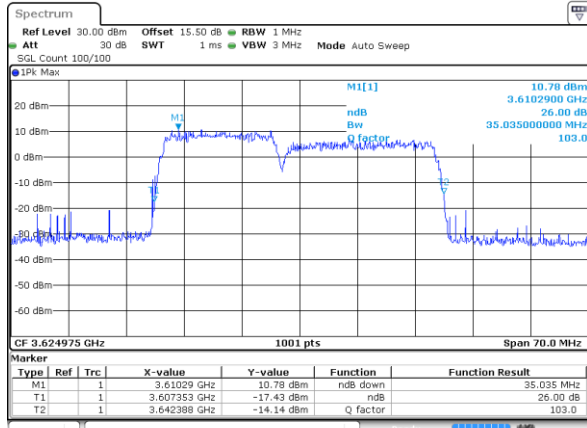
Date: 17 JUN 2024 10:38:52

Middle Channel / 10MHz+20MHz



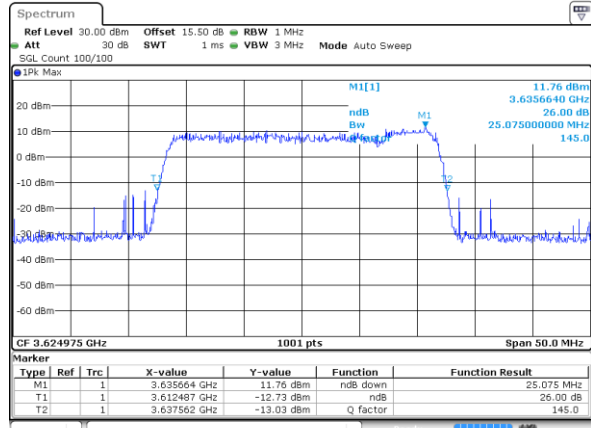
Date: 17 JUN 2024 11:42:33

Middle Channel / 15MHz+20MHz



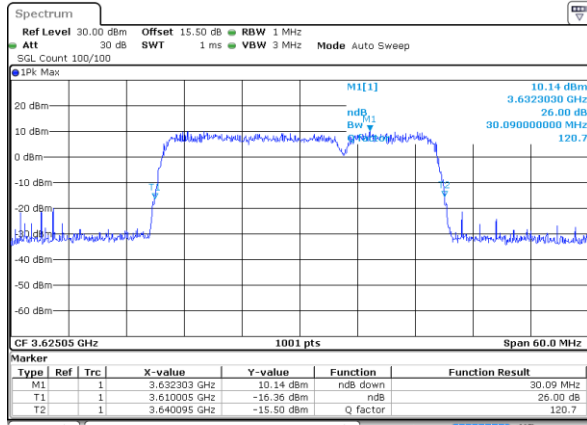
Date: 17 JUN 2024 12:44:13

Middle Channel / 20MHz+5MHz



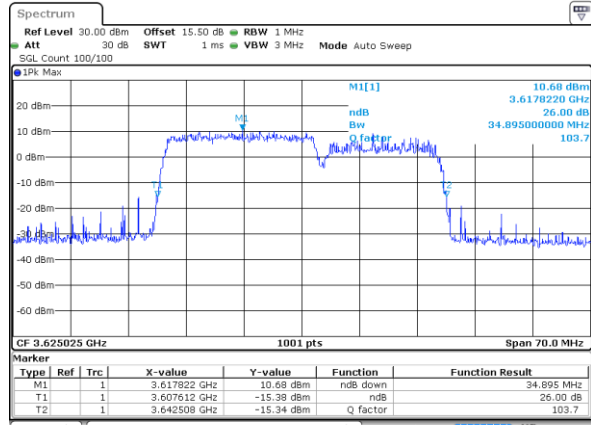
Date: 14 JUN 2024 17:45:19

Middle Channel / 20MHz+10MHz

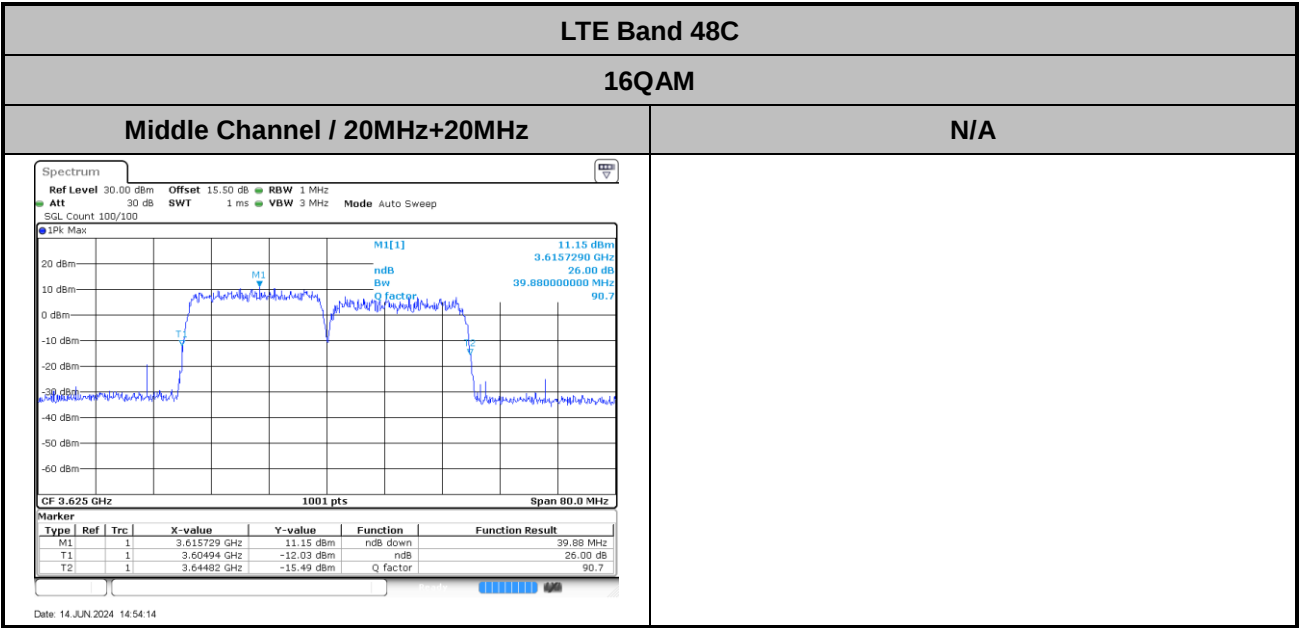


Date: 14 JUN 2024 16:15:40

Middle Channel / 20MHz+15MHz



Date: 14 JUN 2024 13:08:19



Occupied Bandwidth

Mode	LTE Band 48C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.38	27.93	32.73	23.33
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	32.80	37.72	-

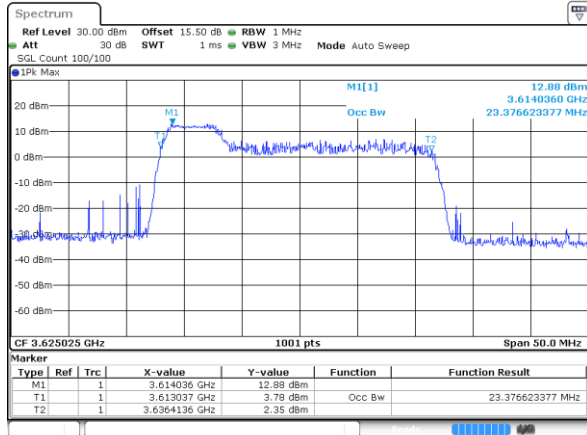
Mode	LTE Band 48C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.18	27.99	32.80	23.33
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	32.73	37.64	-



LTE Band 48C

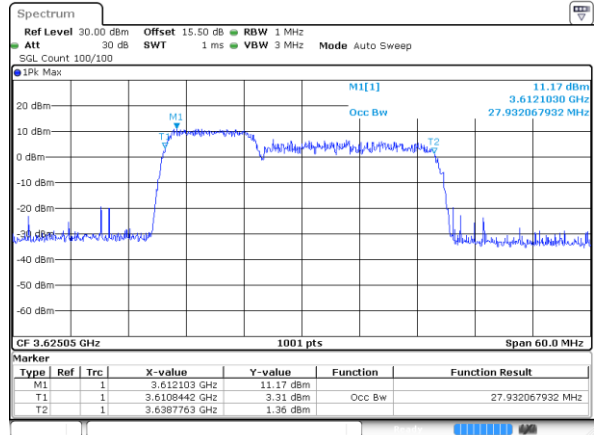
QPSK

Middle Channel / 5MHz+20MHz



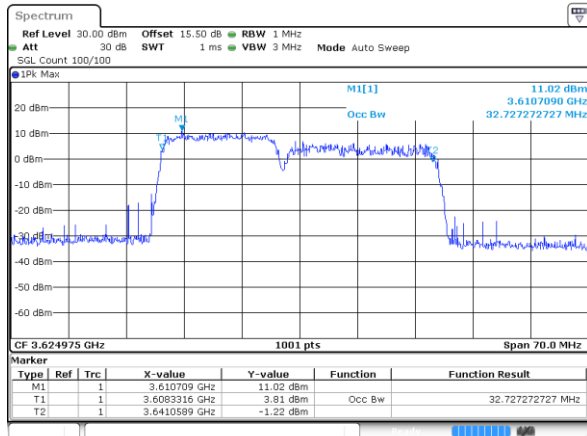
Date: 17 JUN 2024 14:01:29

Middle Channel / 10MHz+20MHz



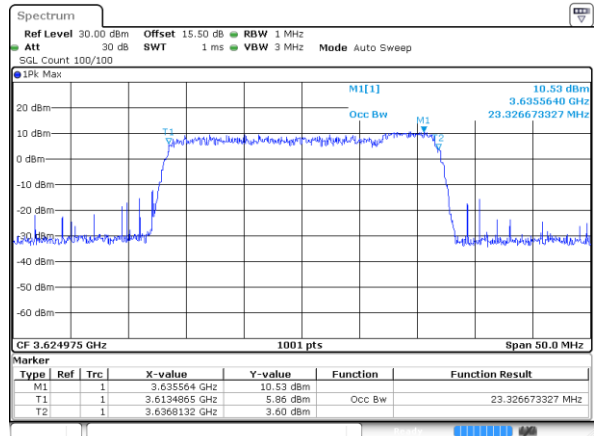
Date: 17 JUN 2024 11:40:58

Middle Channel / 15MHz+20MHz



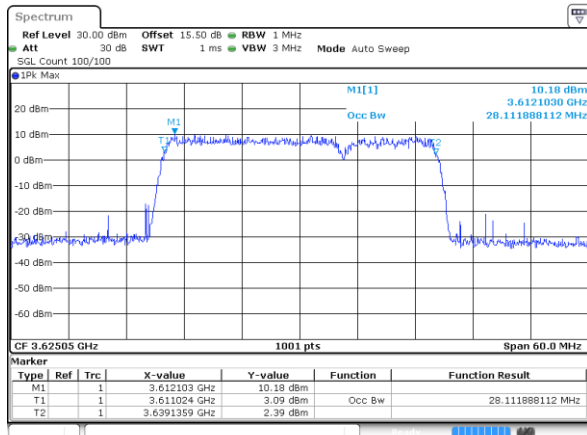
Date: 17 JUN 2024 12:43:10

Middle Channel / 20MHz+5MHz



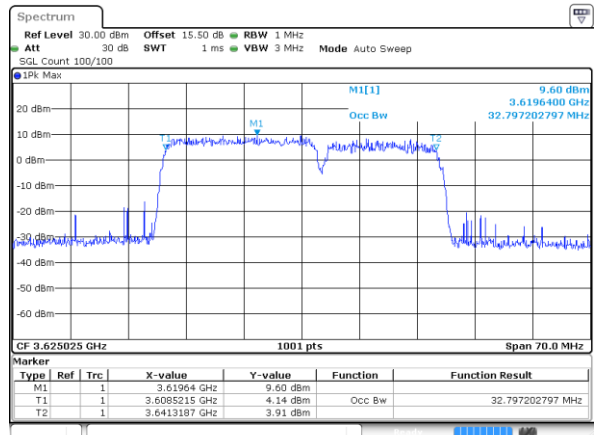
Date: 14 JUN 2024 17:44:16

Middle Channel / 20MHz+10MHz



Date: 14 JUN 2024 16:14:37

Middle Channel / 20MHz+15MHz



Date: 14 JUN 2024 13:07:20

