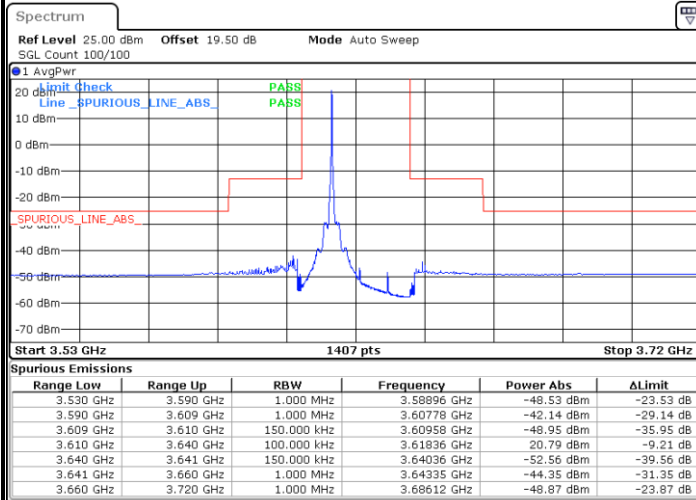




LTE Band 48 / 15MHz

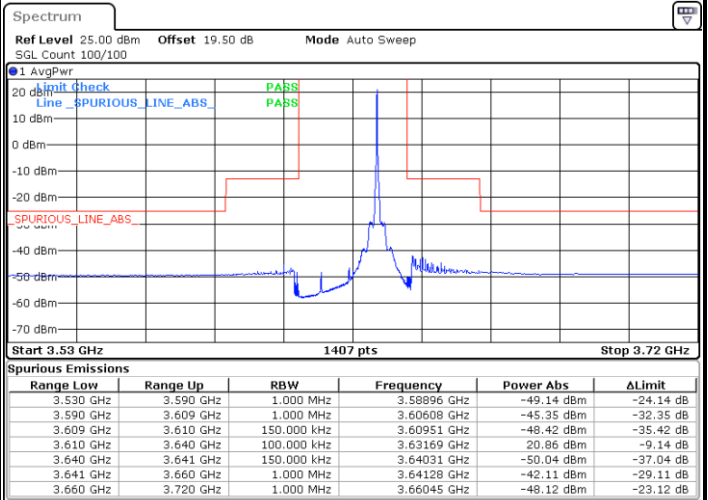
16QAM

Middle Channel / 1RB0



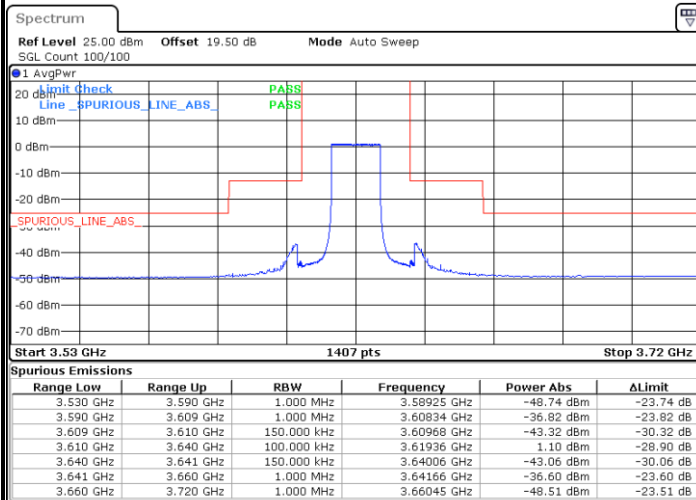
Date: 16 AUG 2024 19:14:02

Middle Channel / 1RBmax



Date: 16 AUG 2024 19:09:07

Middle Channel / FullRB



Date: 16 AUG 2024 19:04:13

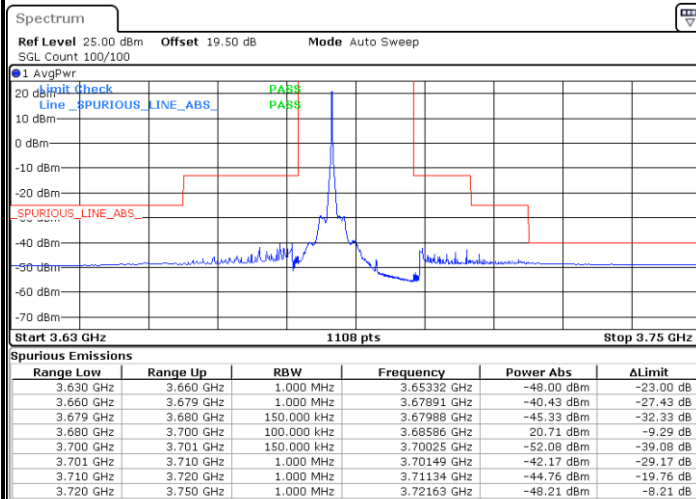
N/A



LTE Band 48 / 15MHz

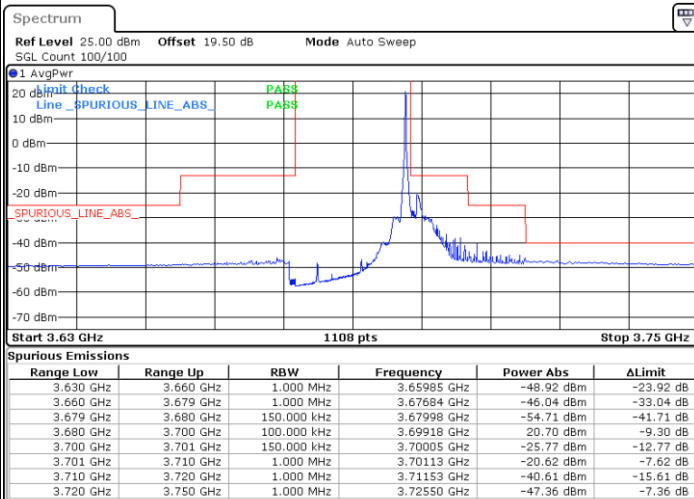
16QAM

Highest Channel / 1RB0



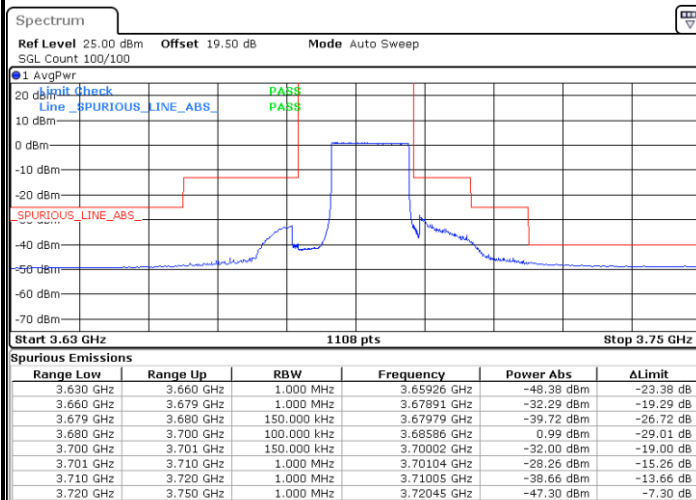
Date: 16 AUG 2024 17:27:08

Highest Channel / 1RBmax



Date: 16 AUG 2024 17:31:34

Highest Channel / FullRB



Date: 16 AUG 2024 17:36:00

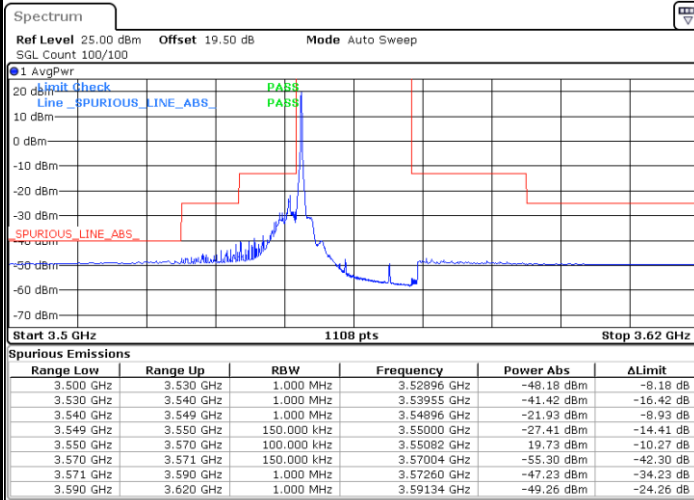
N/A



LTE Band 48 / 15MHz

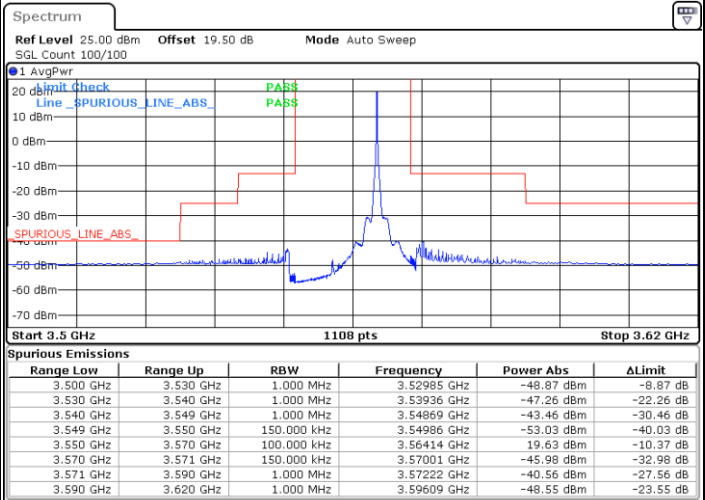
64QAM

Lowest Channel / 1RB0



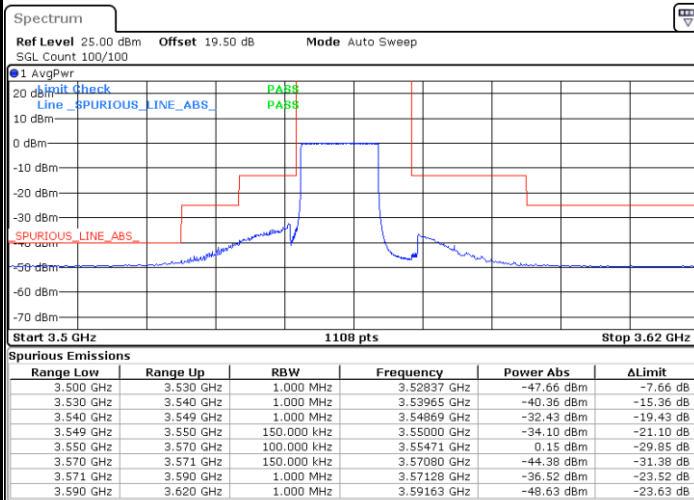
Date: 16 AUG 2024 16:57:46

Lowest Channel / 1RBmax



Date: 16 AUG 2024 17:05:09

Lowest Channel / FullIRB



Date: 16 AUG 2024 17:06:38

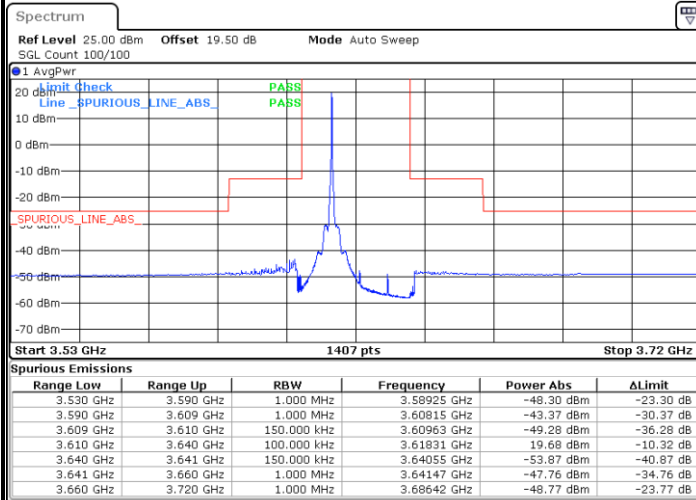
N/A



LTE Band 48 / 15MHz

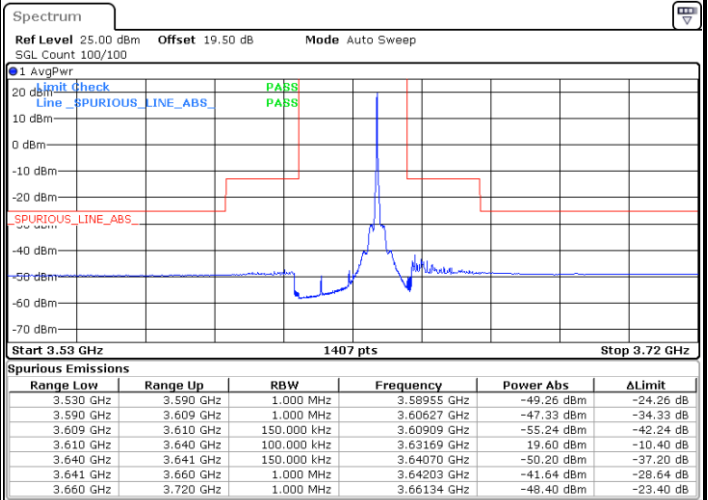
64QAM

Middle Channel / 1RB0



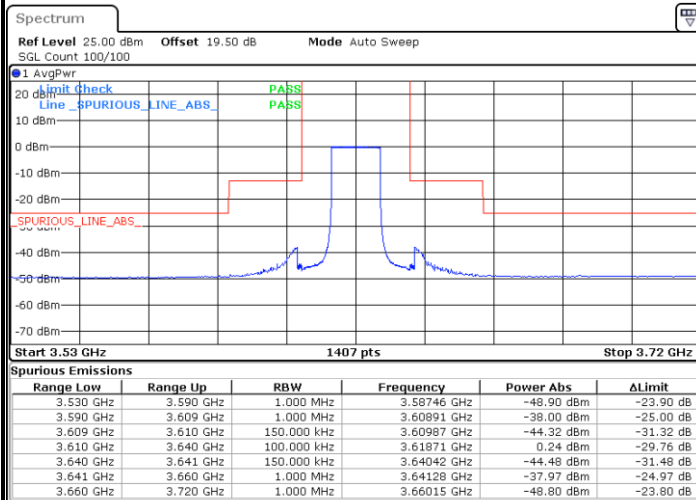
Date: 16 AUG 2024 19:15:40

Middle Channel / 1RBmax



Date: 16 AUG 2024 19:07:29

Middle Channel / FullRB



Date: 16 AUG 2024 19:05:51

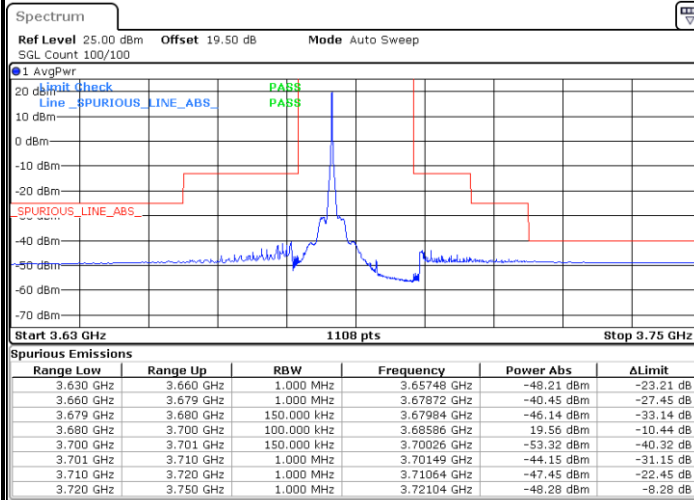
N/A



LTE Band 48 / 15MHz

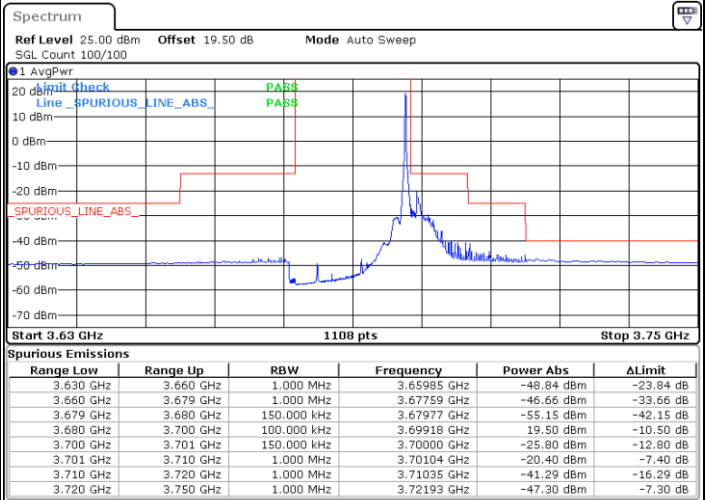
64QAM

Highest Channel / 1RB0



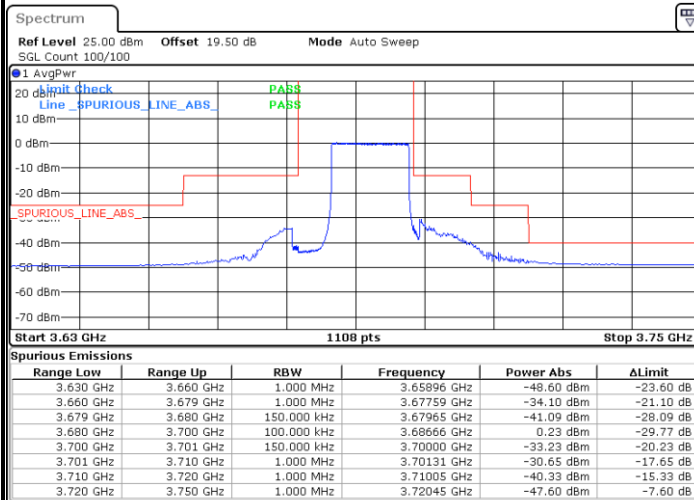
Date: 16 AUG 2024 17:25:39

Highest Channel / 1RBmax



Date: 16 AUG 2024 17:33:02

Highest Channel / FullRB



Date: 16 AUG 2024 17:34:31

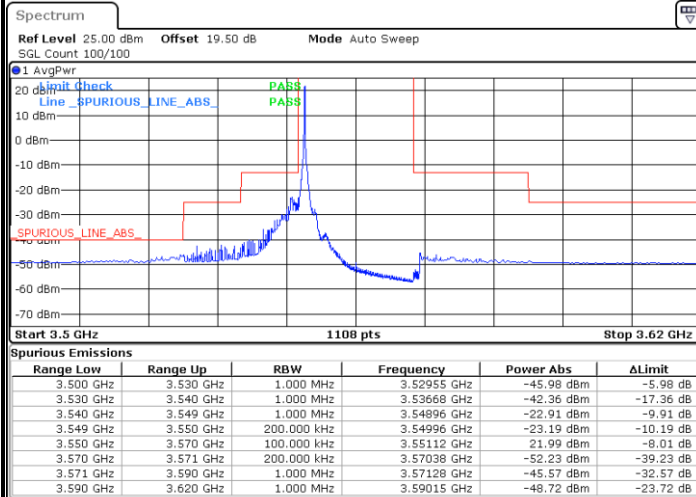
N/A



LTE Band 48 / 20MHz

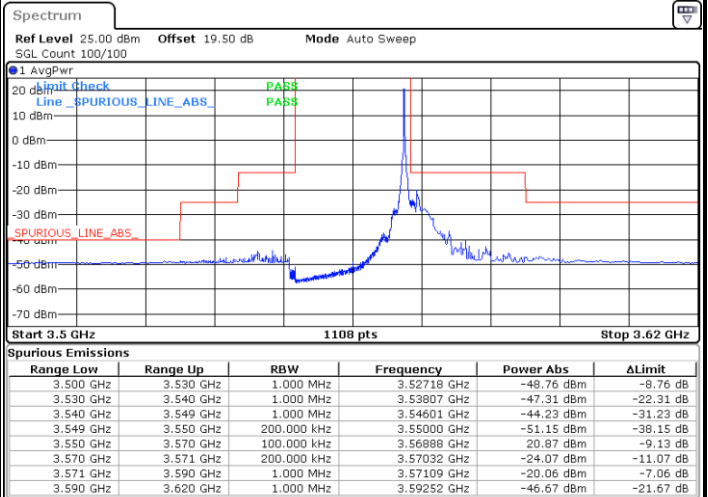
QPSK

Lowest Channel / 1RB0



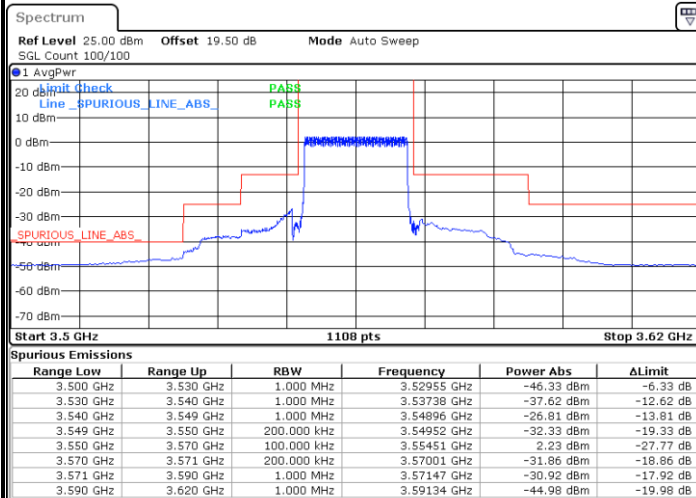
Date: 16 AUG 2024 17:54:35

Lowest Channel / 1RBmax



Date: 16 AUG 2024 18:02:50

Lowest Channel / FullIRB



Date: 16 AUG 2024 18:04:29

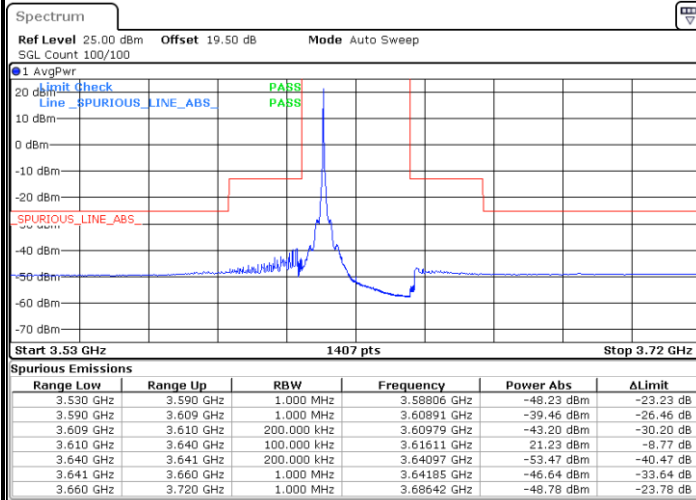
N/A



LTE Band 48 / 20MHz

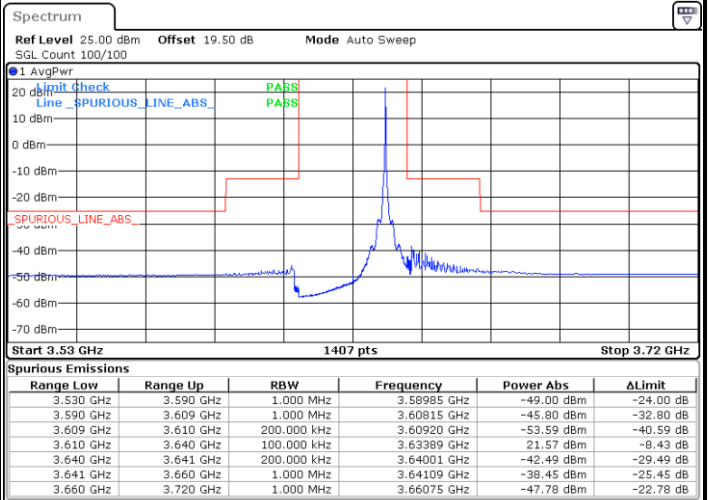
QPSK

Middle Channel / 1RB0



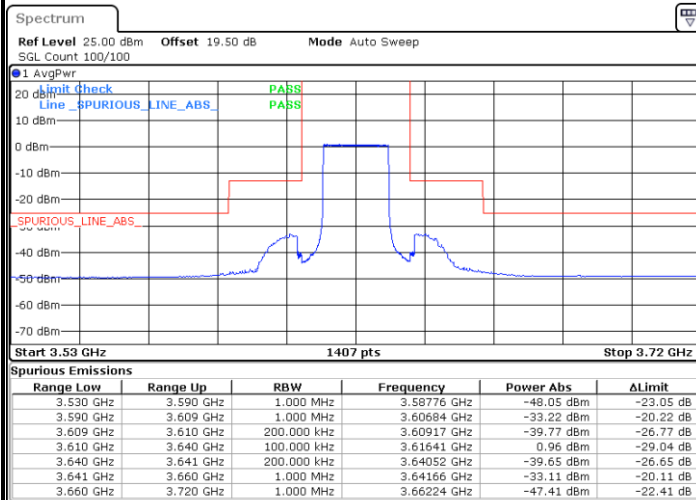
Date: 16 AUG 2024 18:29:26

Middle Channel / 1RBmax



Date: 16 AUG 2024 18:21:15

Middle Channel / FullRB



Date: 16 AUG 2024 18:19:37

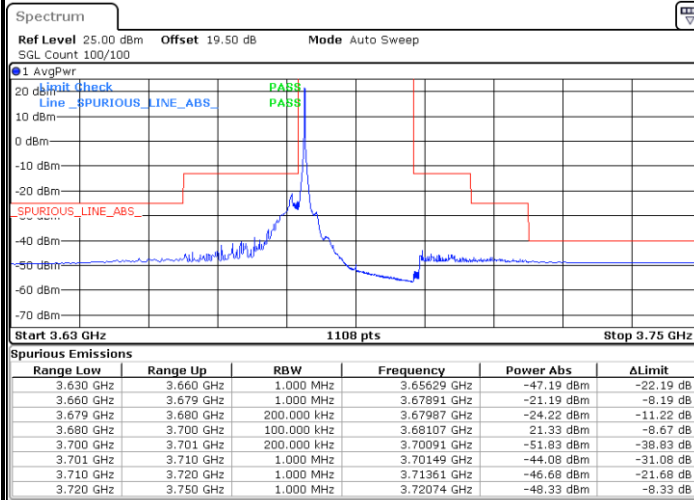
N/A



LTE Band 48 / 20MHz

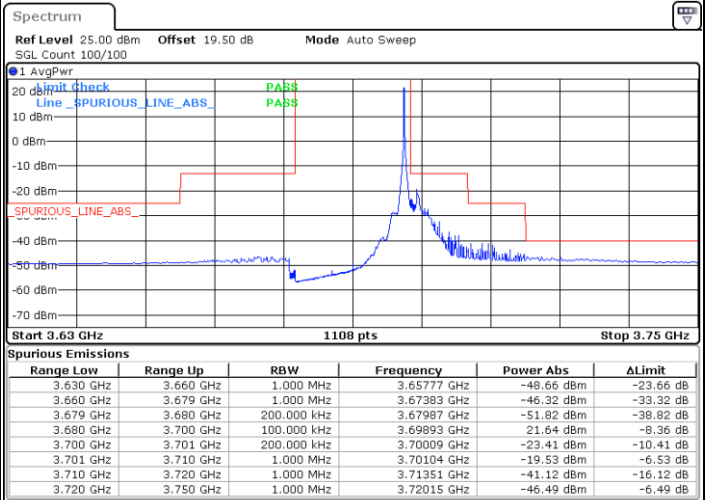
QPSK

Highest Channel / 1RB0



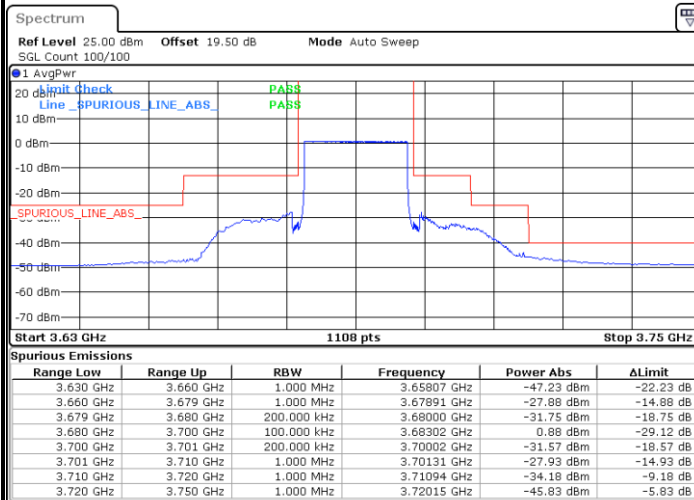
Date: 16 AUG 2024 18:39:30

Highest Channel / 1RBmax



Date: 16 AUG 2024 18:47:43

Highest Channel / FullRB



Date: 16 AUG 2024 18:49:22

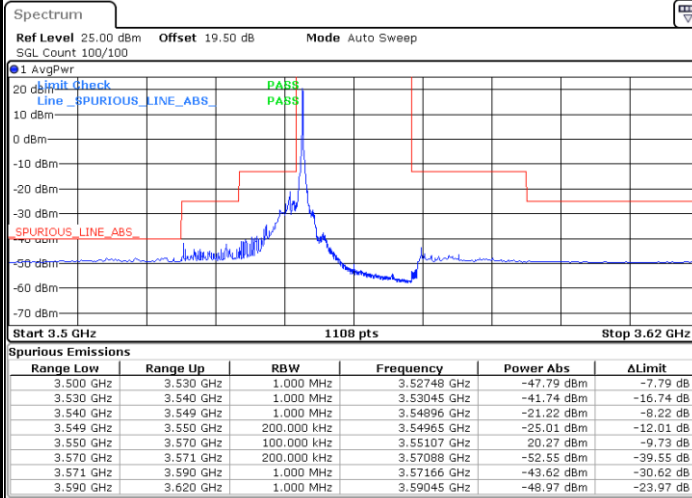
N/A



LTE Band 48 / 20MHz

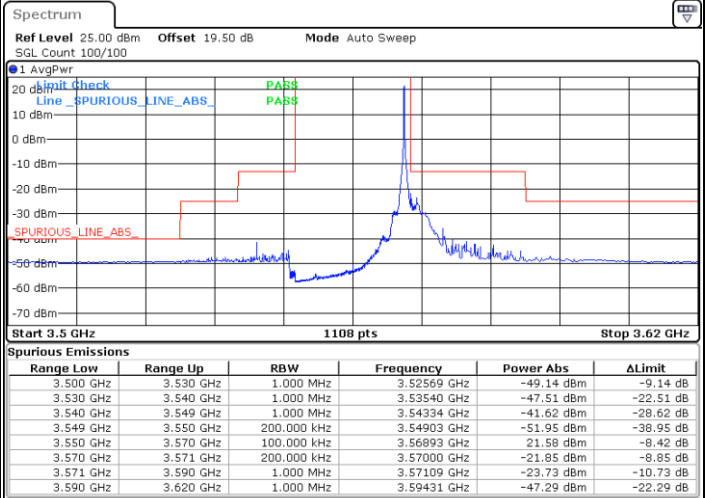
16QAM

Lowest Channel / 1RB0



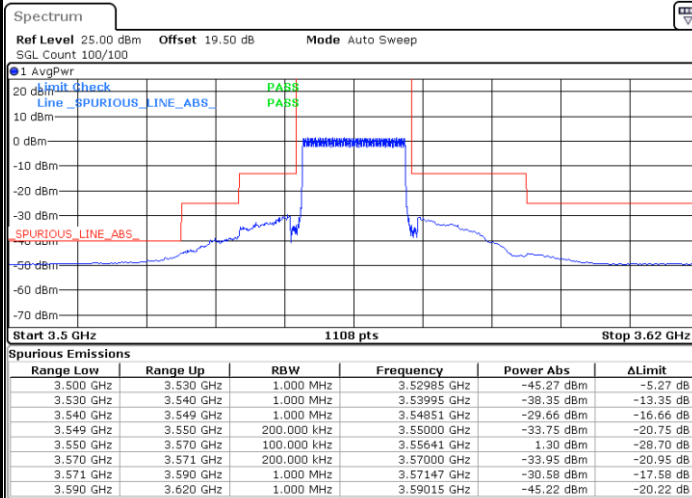
Date: 16 AUG 2024 17:56:14

Lowest Channel / 1RBmax



Date: 16 AUG 2024 18:01:11

Lowest Channel / FullIRB



Date: 16 AUG 2024 18:06:08

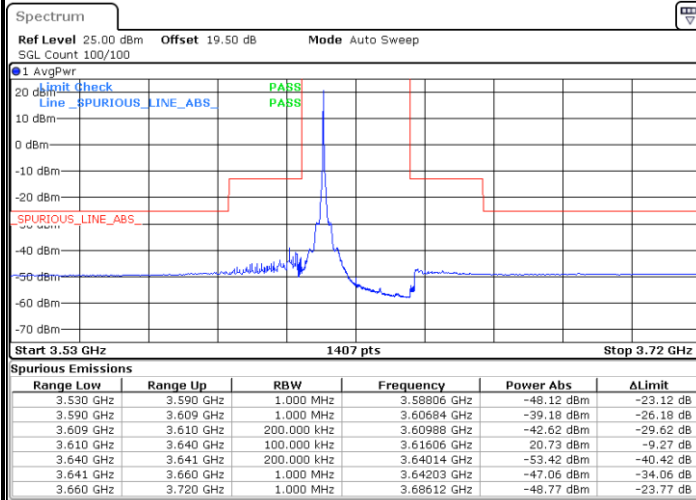
N/A



LTE Band 48 / 20MHz

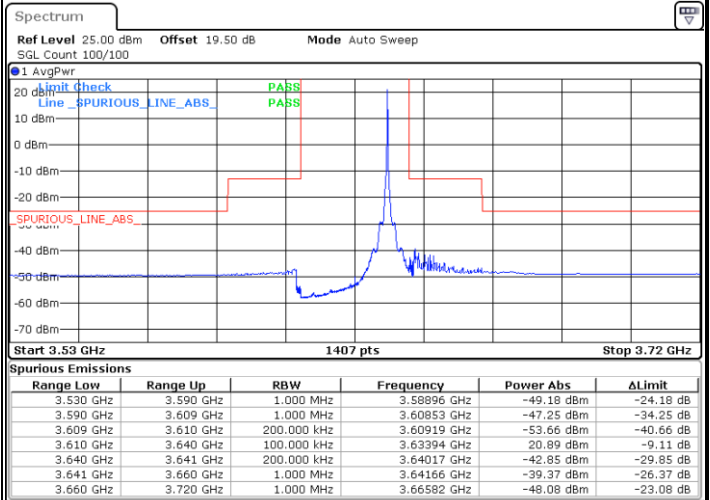
16QAM

Middle Channel / 1RB0



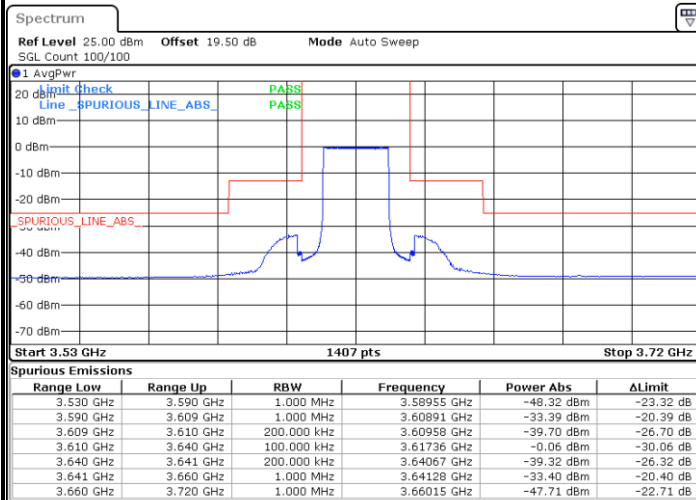
Date: 16 AUG 2024 18:27:48

Middle Channel / 1RBmax



Date: 16 AUG 2024 18:22:53

Middle Channel / FullRB



Date: 16 AUG 2024 18:17:59

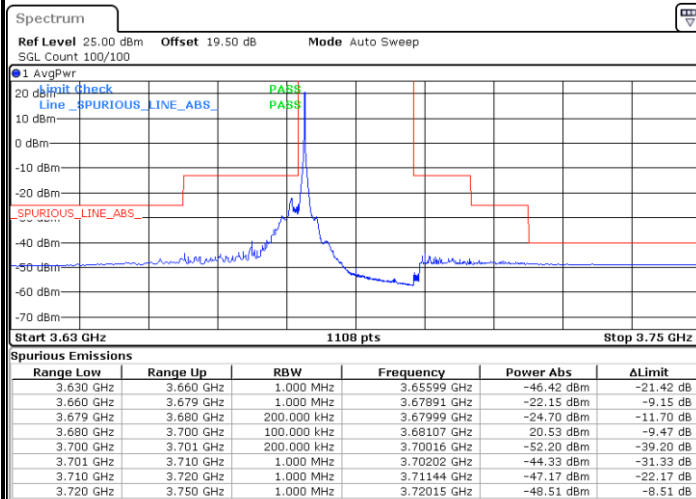
N/A



LTE Band 48 / 20MHz

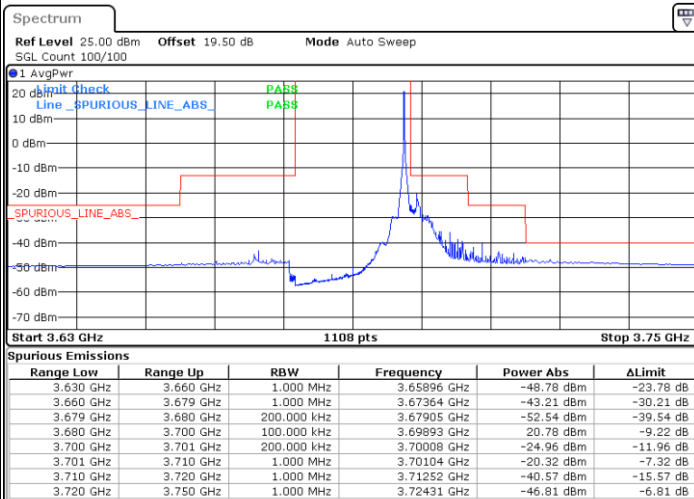
16QAM

Highest Channel / 1RB0



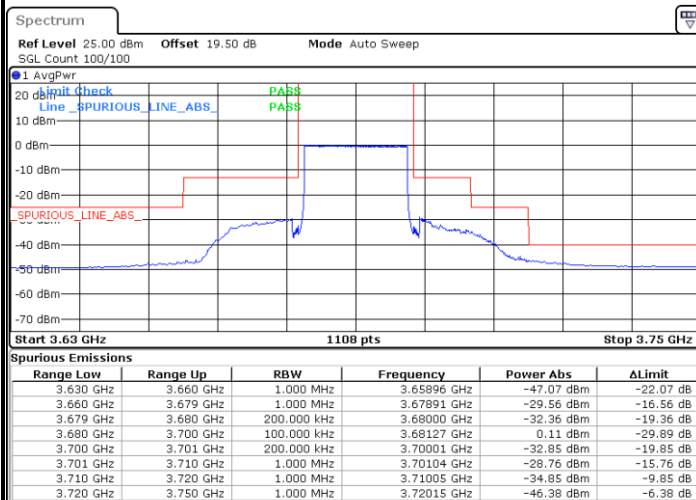
Date: 16 AUG 2024 18:41:09

Highest Channel / 1RBmax



Date: 16 AUG 2024 18:46:05

Highest Channel / FullRB



Date: 16 AUG 2024 18:51:00

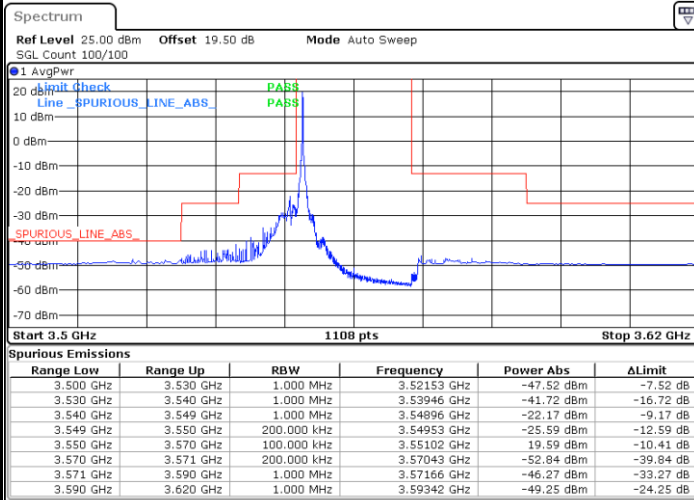
N/A



LTE Band 48 / 20MHz

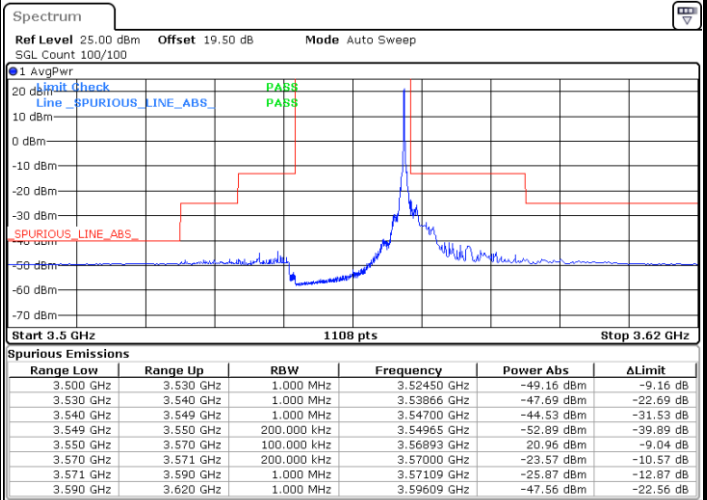
64QAM

Lowest Channel / 1RB0



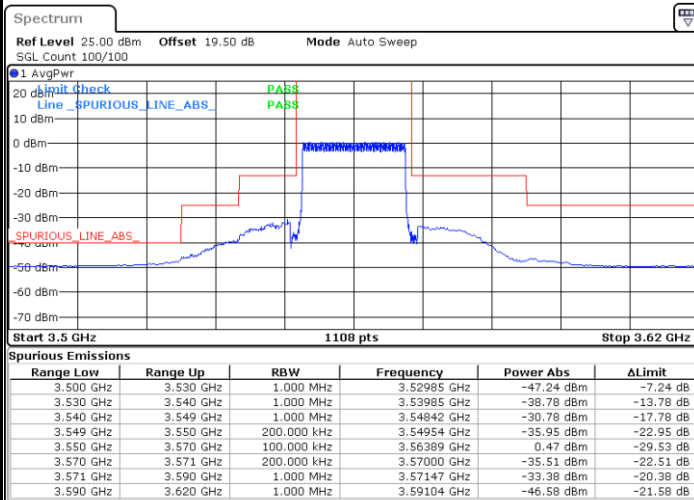
Date: 16 AUG 2024 17:57:53

Lowest Channel / 1RBmax



Date: 16 AUG 2024 17:59:32

Lowest Channel / FullIRB



Date: 16 AUG 2024 18:07:47

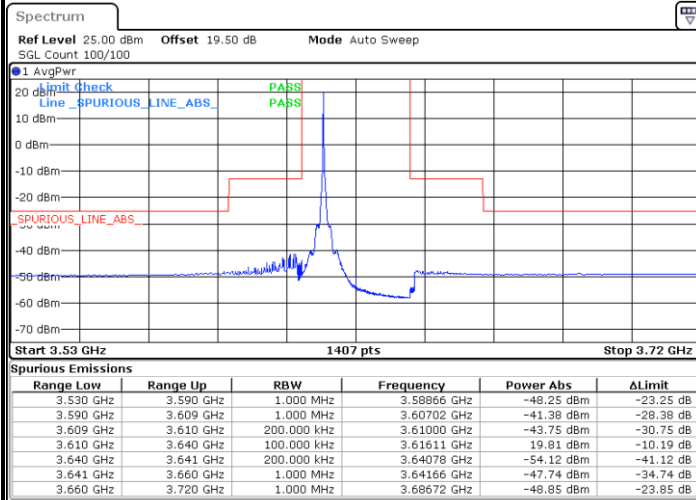
N/A



LTE Band 48 / 20MHz

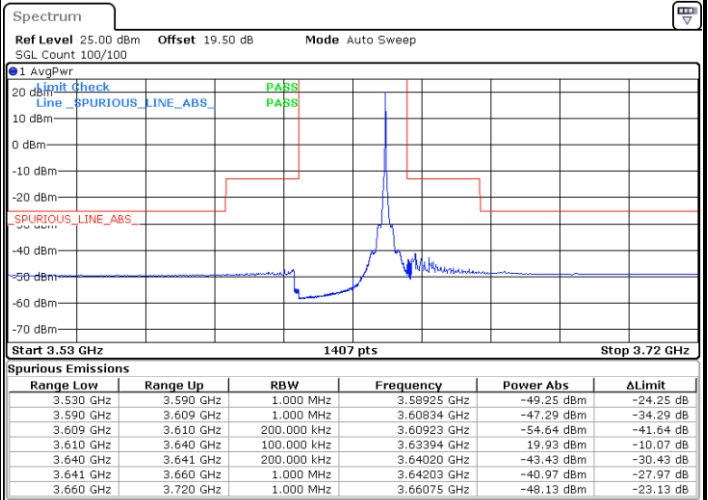
64QAM

Middle Channel / 1RB0



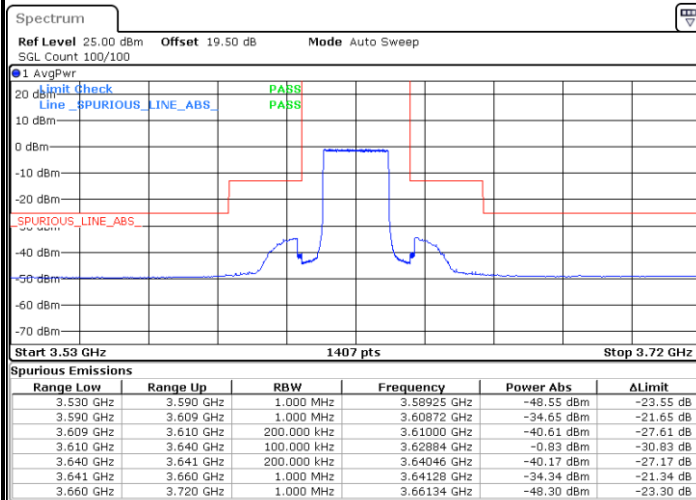
Date: 16 AUG 2024 18:26:09

Middle Channel / 1RBmax



Date: 16 AUG 2024 18:24:31

Middle Channel / FullRB



Date: 16 AUG 2024 18:16:21

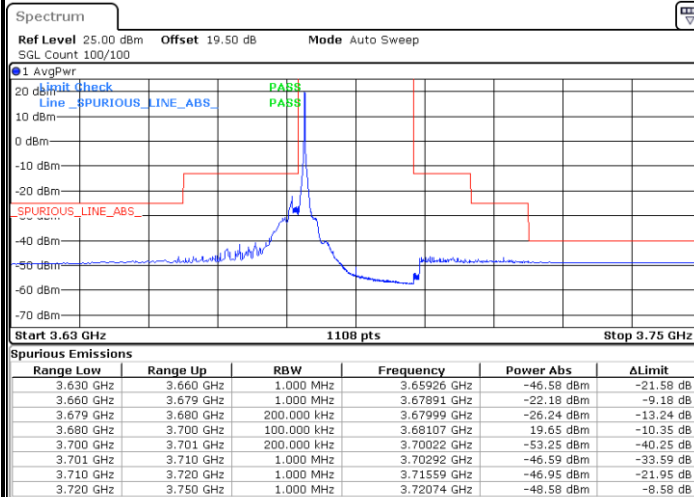
N/A



LTE Band 48 / 20MHz

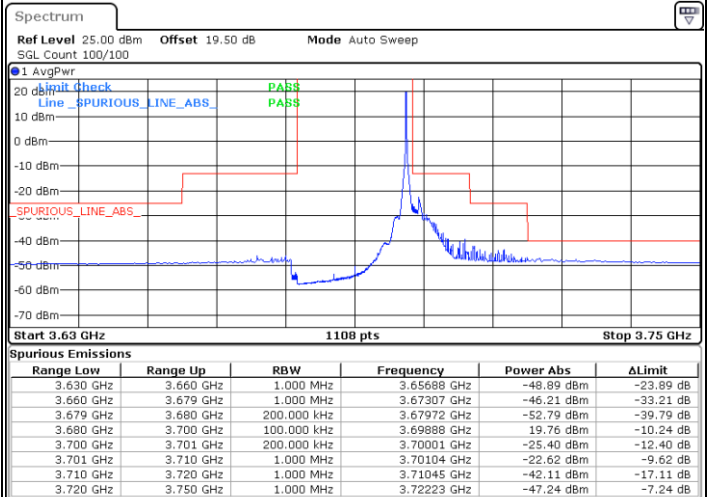
64QAM

Highest Channel / 1RB0



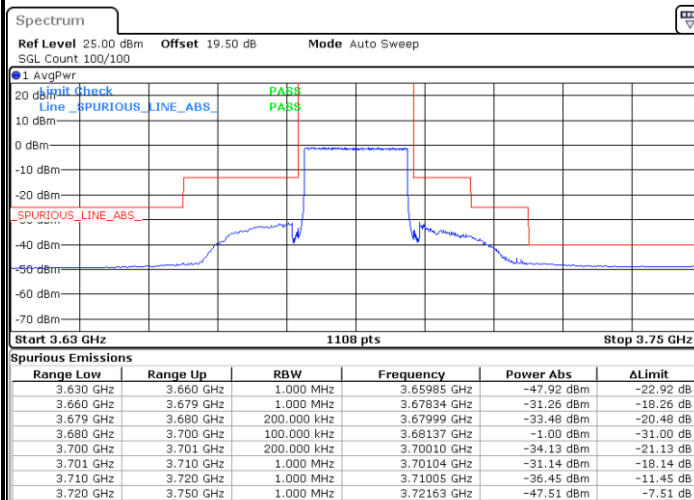
Date: 16 AUG 2024 16:42:47

Highest Channel / 1RBmax



Date: 16 AUG 2024 18:44:26

Highest Channel / FullRB



Date: 16 AUG 2024 18:52:39

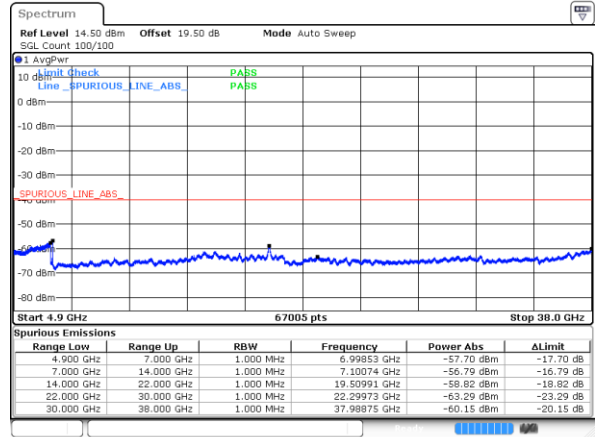
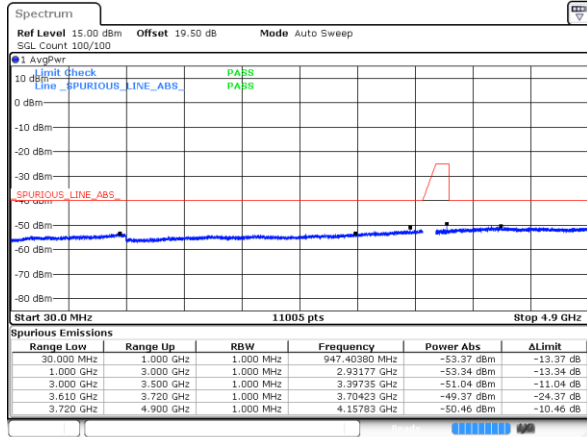
N/A



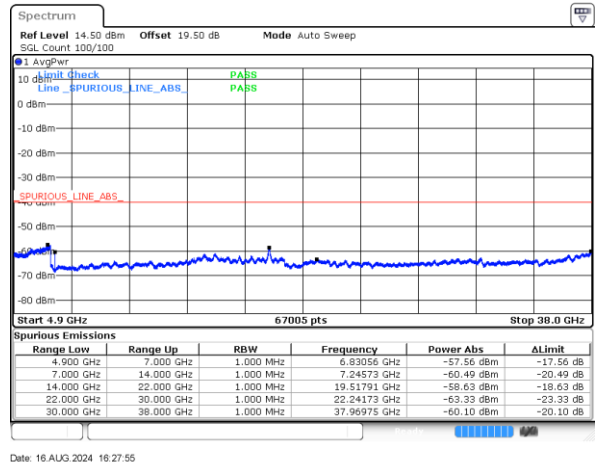
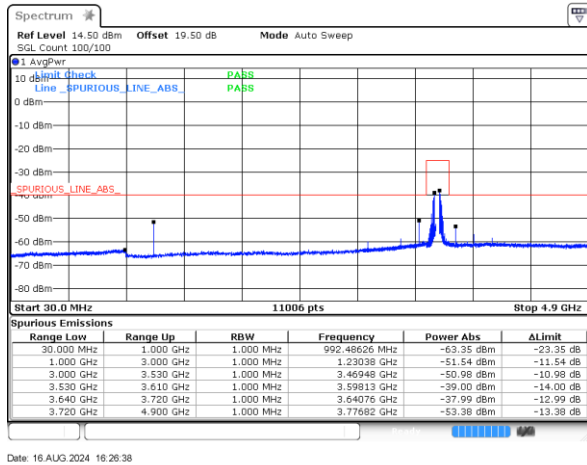
Conducted Spurious Emission

LTE Band 48 / 5MHz

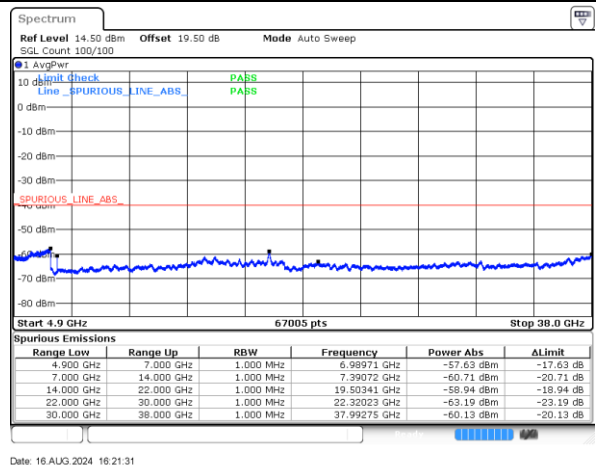
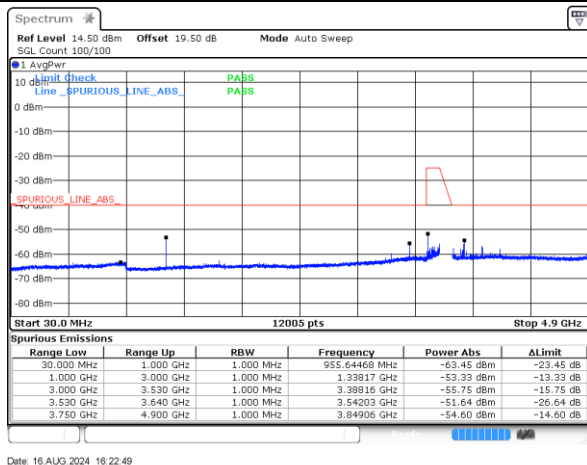
Lowest Channel / QPSK



Middle Channel / QPSK



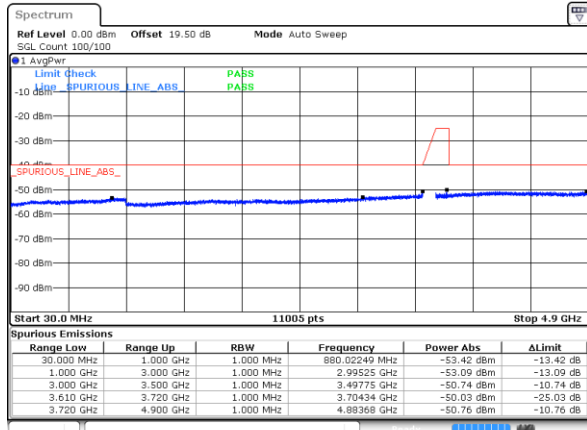
Highest Channel / QPSK



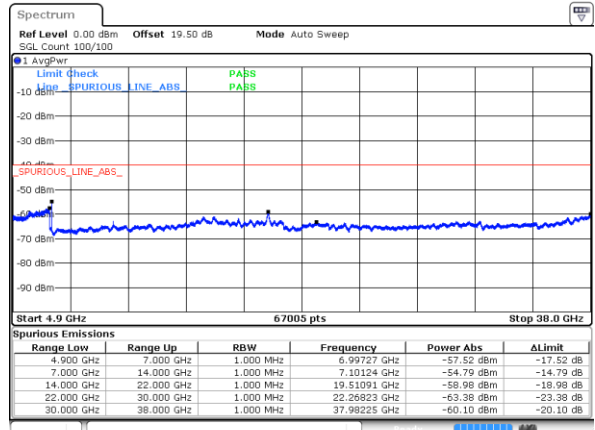


LTE Band 48 / 10MHz

Lowest Channel / QPSK

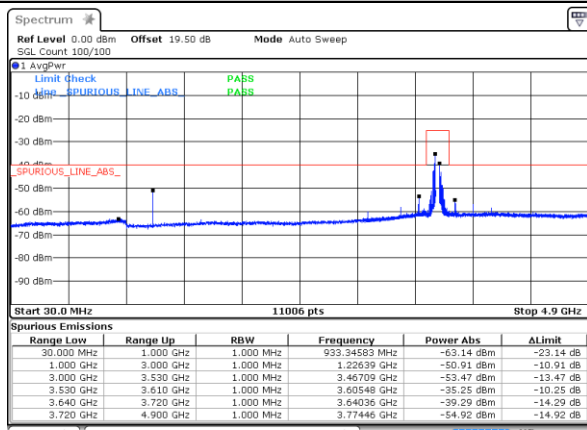


Date: 10 AUG 2024 01:52:13

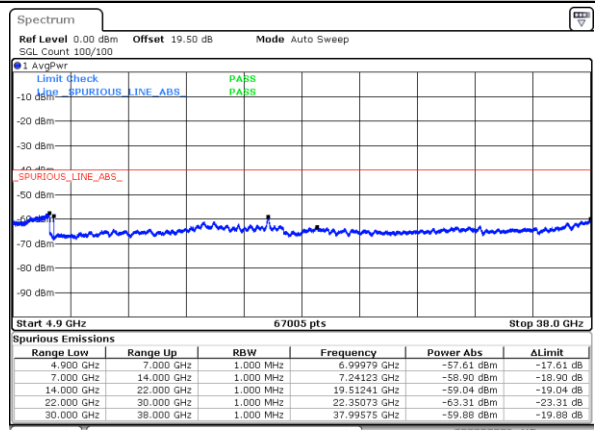


Date: 16 AUG 2024 16:42:56

Middle Channel / QPSK

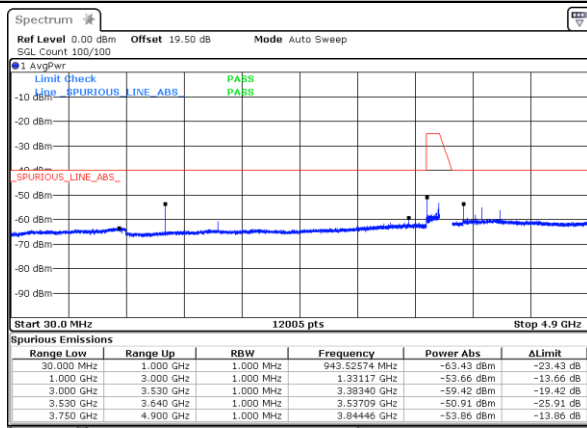


Date: 16 AUG 2024 16:47:14

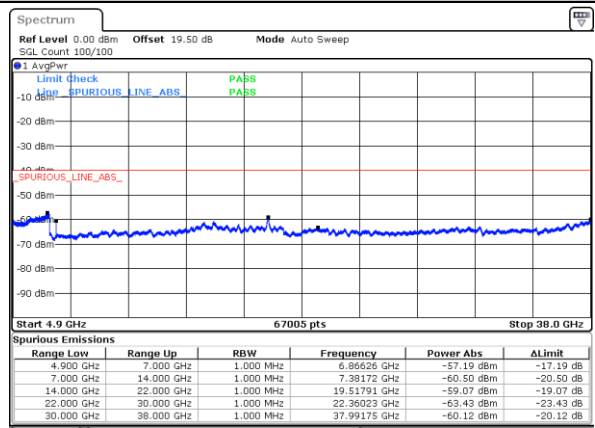


Date: 16 AUG 2024 16:48:40

Highest Channel / QPSK



Date: 16 AUG 2024 16:51:51

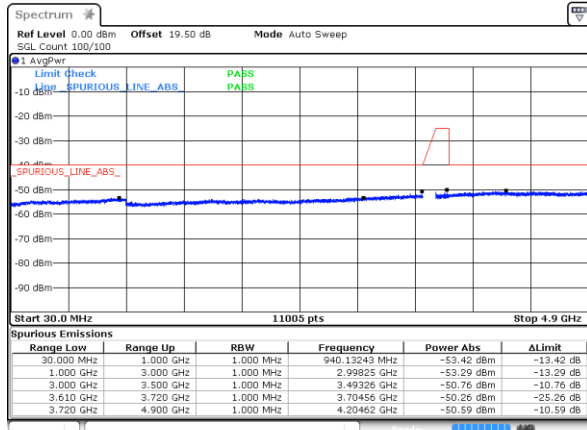


Date: 16 AUG 2024 16:50:51

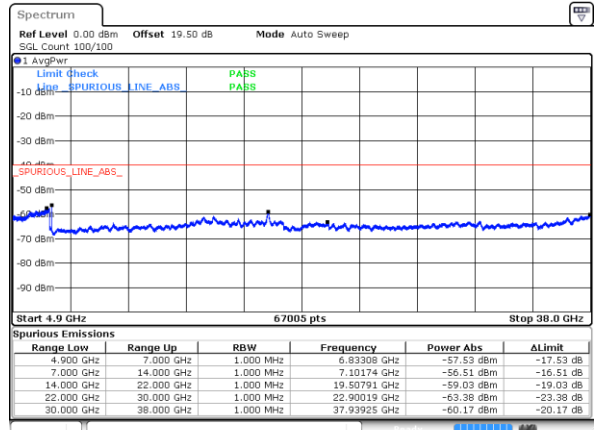


LTE Band 48 / 15MHz

Lowest Channel / QPSK

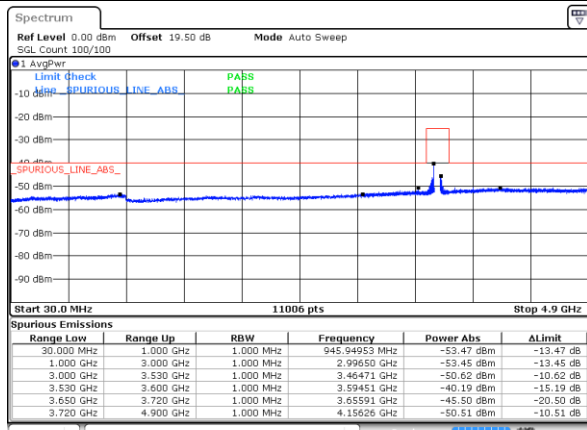


Date: 16 AUG 2024 20:14:48

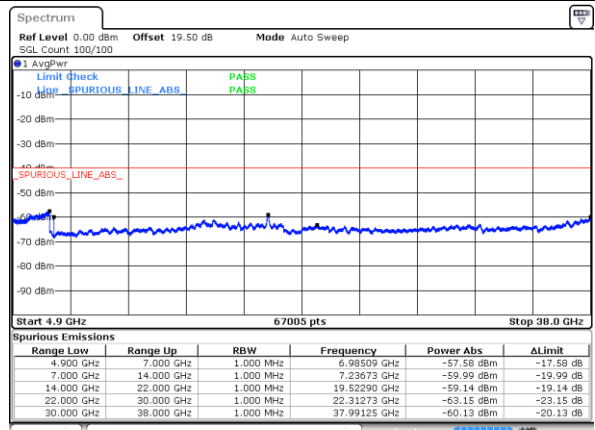


Date: 16 AUG 2024 20:16:28

Middle Channel / QPSK

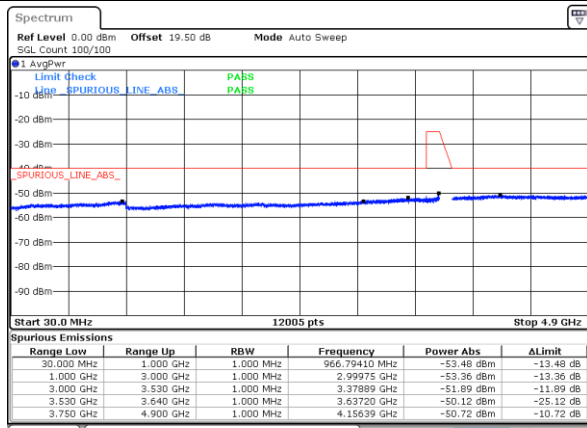


Date: 16 AUG 2024 19:48:38

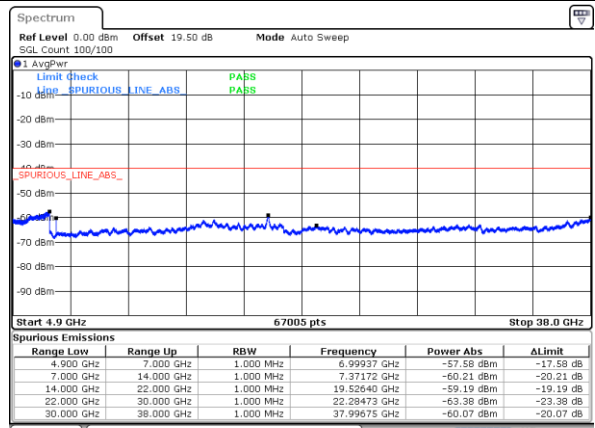


Date: 16 AUG 2024 20:17:46

Highest Channel / QPSK



Date: 16 AUG 2024 19:49:51

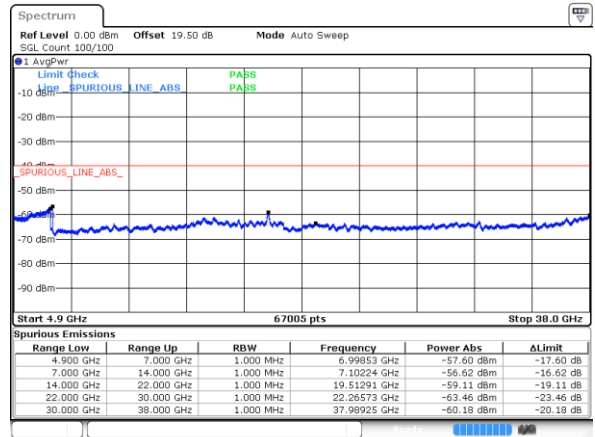
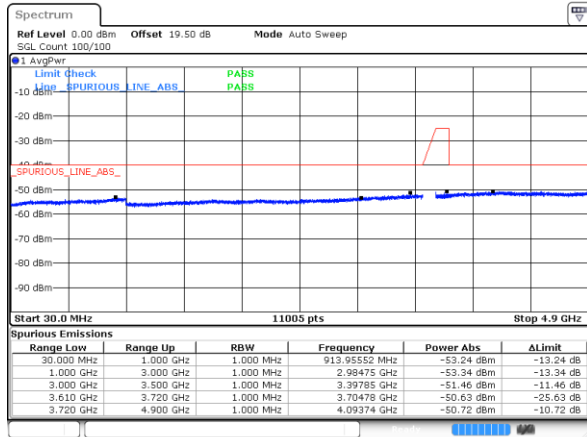


Date: 16 AUG 2024 20:19:06

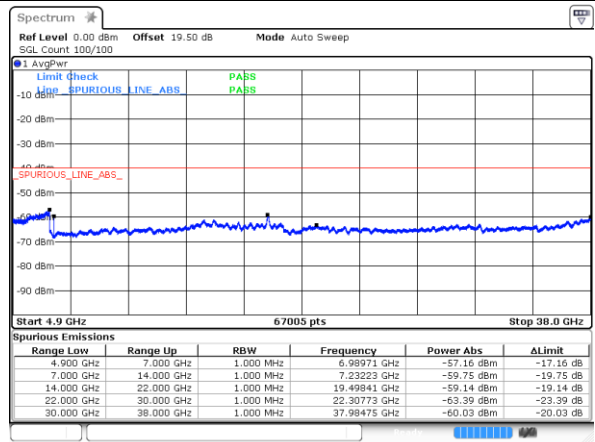
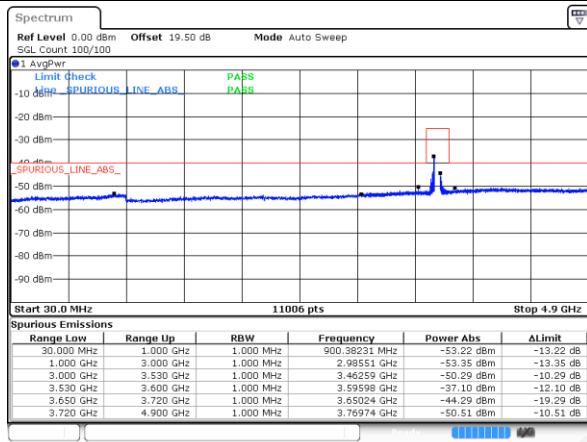


LTE Band 48 / 20MHz

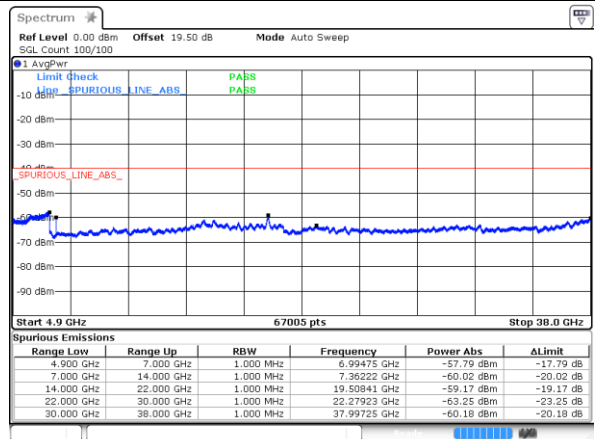
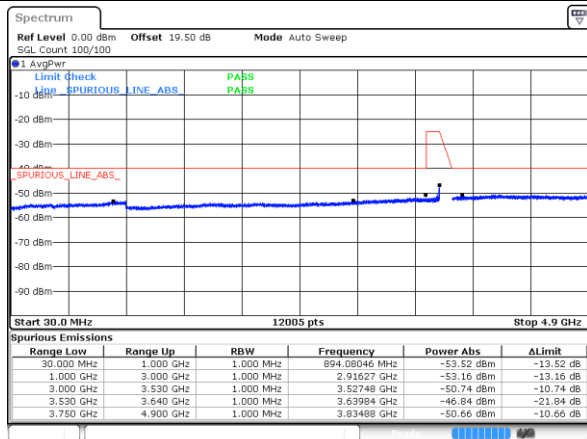
Lowest Channel / QPSK



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	0.0006	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 3.8 V. ; Minimum Voltage = 3.3 V. ; Maximum Voltage = 4.4 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	25.28	29.79	35.04	24.93
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.97	35.11	40.04	-

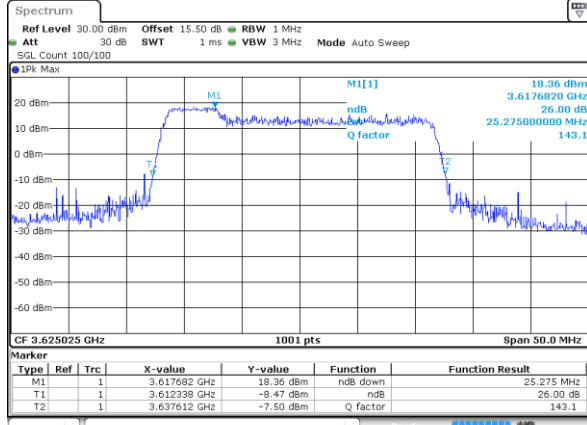
Mode	LTE Band 48C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	24.98	29.85	34.97	24.93
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.97	34.97	39.88	-



LTE Band 48C

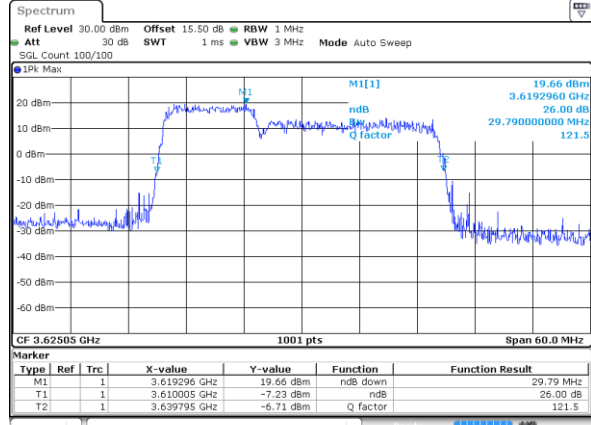
QPSK

Middle Channel / 5MHz+20MHz



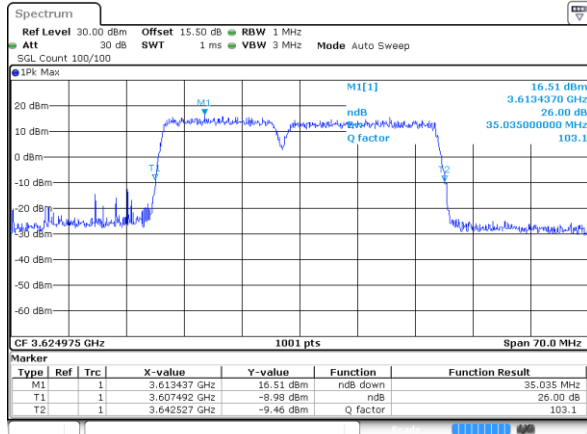
Date: 16 AUG 2024 20:30:37

Middle Channel / 10MHz+20MHz



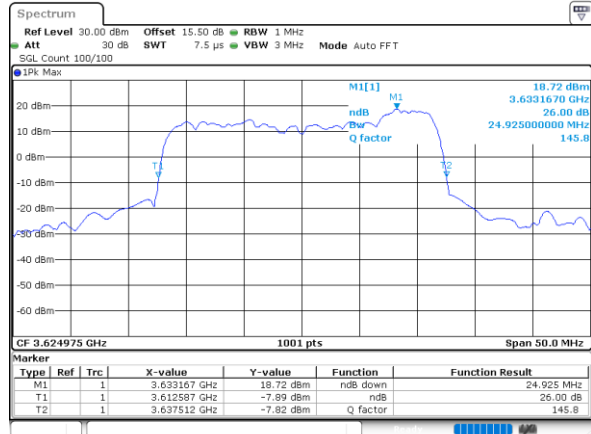
Date: 16 AUG 2024 22:36:18

Middle Channel / 15MHz+20MHz



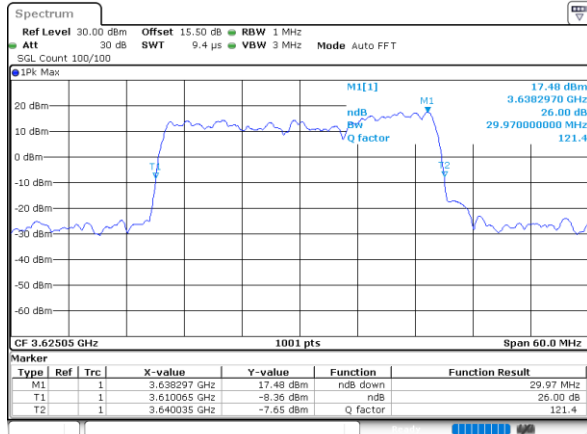
Date: 17 AUG 2024 01:25:59

Middle Channel / 20MHz+5MHz



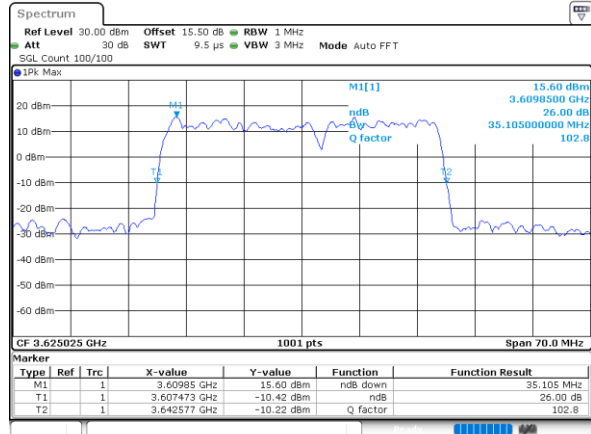
Date: 17 AUG 2024 18:21:00

Middle Channel / 20MHz+10MHz

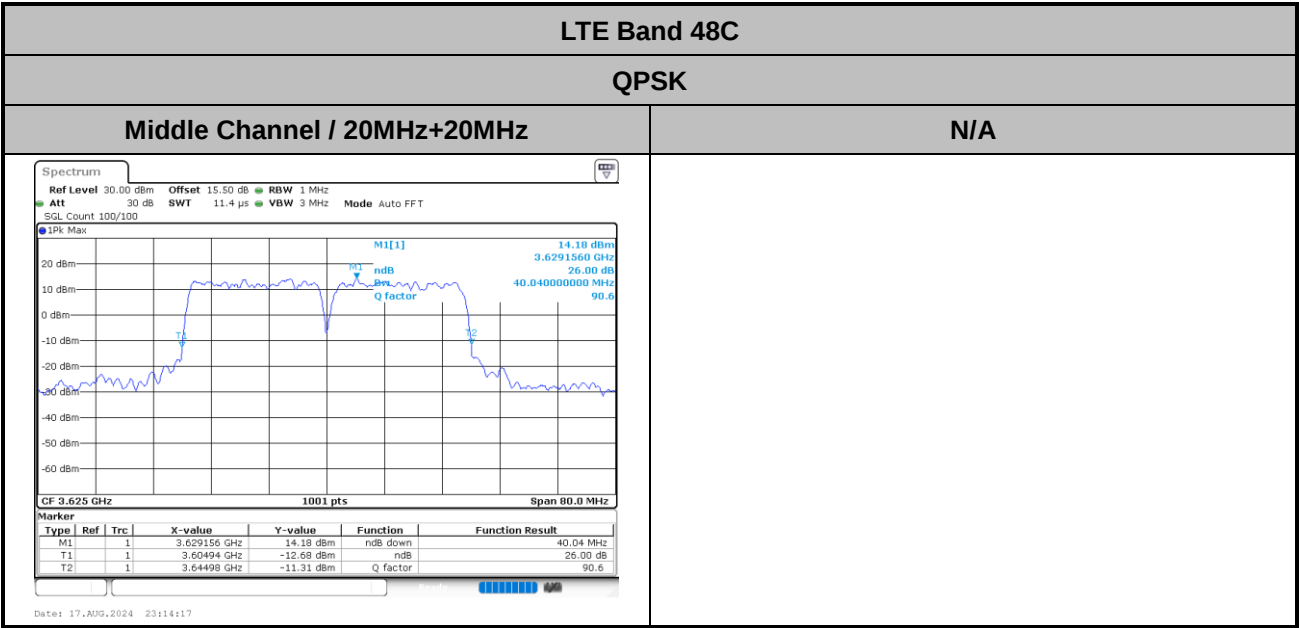


Date: 17 AUG 2024 20:10:00

Middle Channel / 20MHz+15MHz



Date: 17 AUG 2024 21:45:26

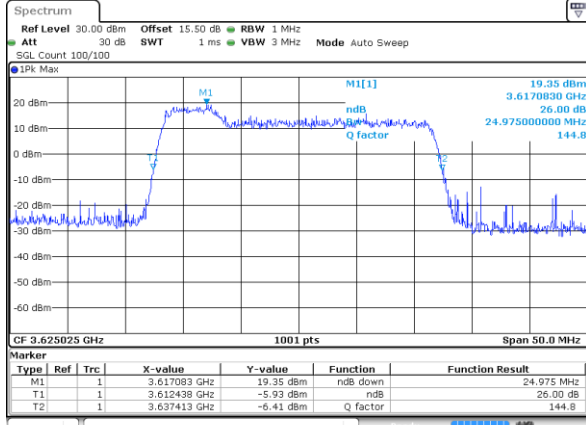




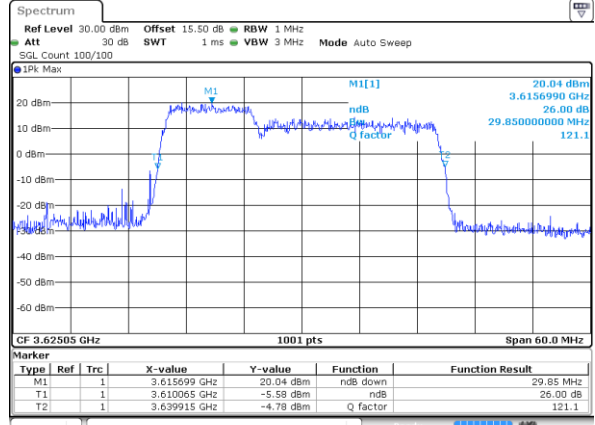
LTE Band 48C

16QAM

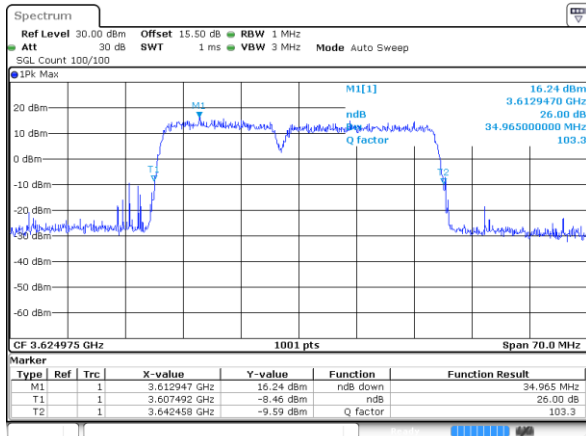
Middle Channel / 5MHz+20MHz



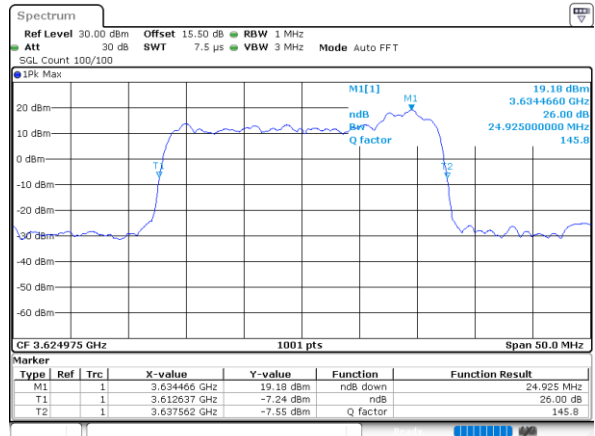
Middle Channel / 10MHz+20MHz



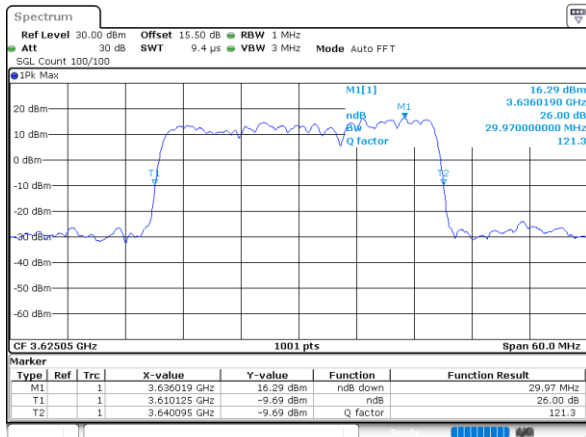
Middle Channel / 15MHz+20MHz



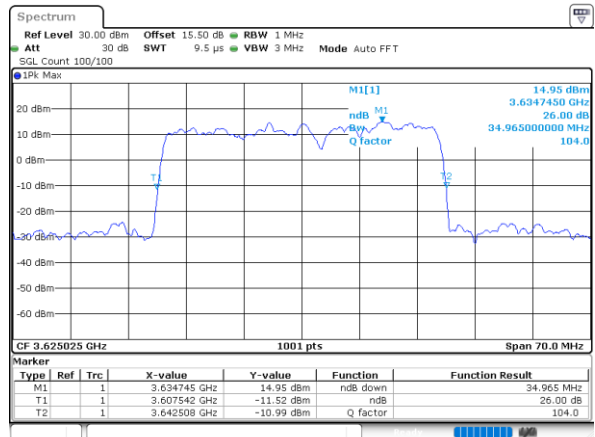
Middle Channel / 20MHz+5MHz

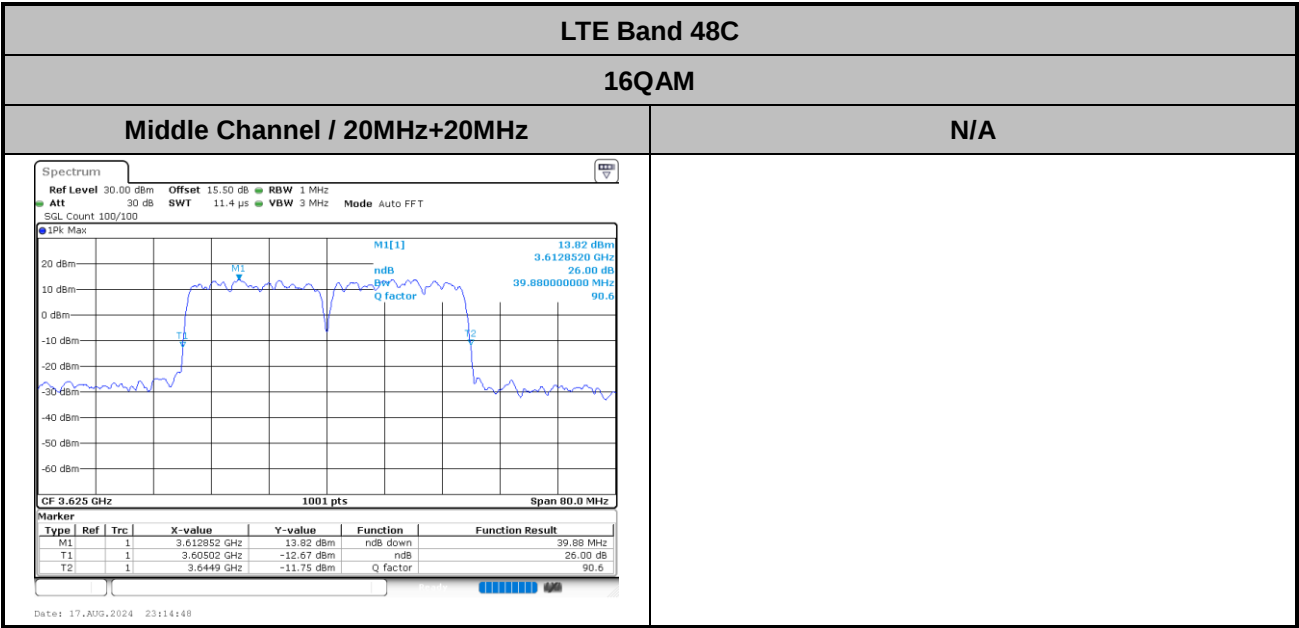


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz





Occupied Bandwidth

Mode	LTE Band 48C : 99%OBW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.43	27.99	32.94	23.38
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.87	37.88	-

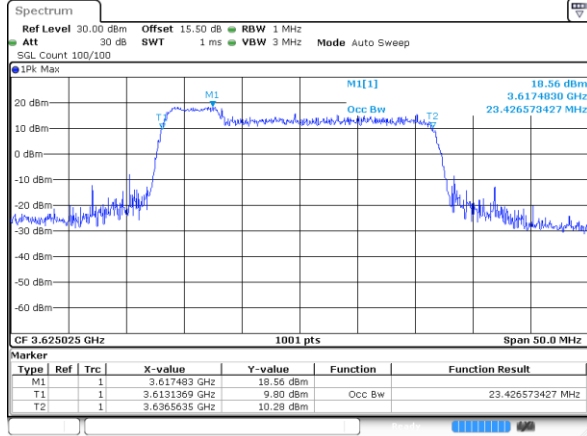
Mode	LTE Band 48C : 99%OBW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Middle CH	23.43	28.05	33.01	23.28
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.23	32.80	37.72	-



LTE Band 48C

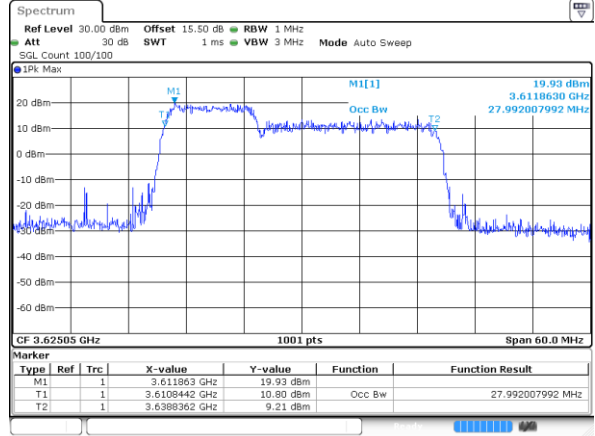
QPSK

Middle Channel / 5MHz+20MHz



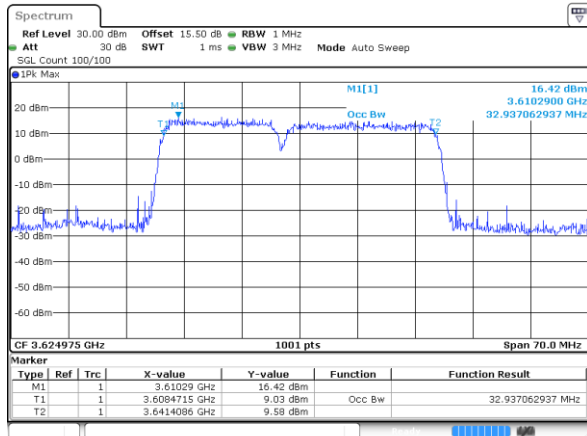
Date: 16 AUG 2024 20:30:01

Middle Channel / 10MHz+20MHz



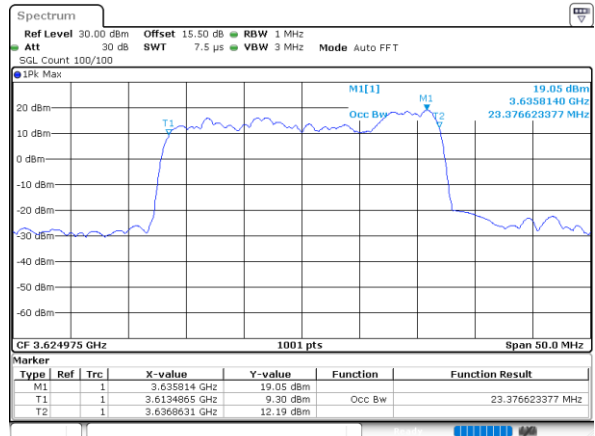
Date: 16 AUG 2024 22:35:42

Middle Channel / 15MHz+20MHz



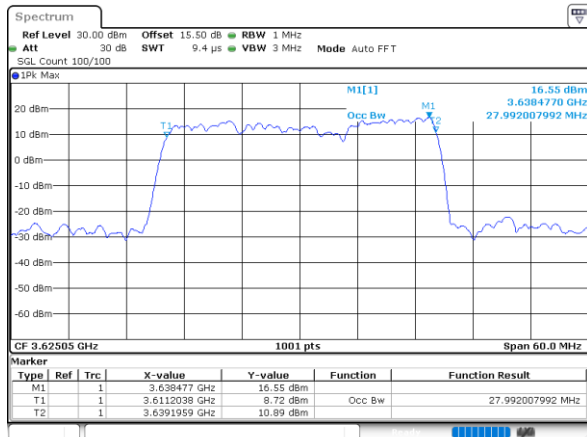
Date: 17 AUG 2024 01:25:23

Middle Channel / 20MHz+5MHz



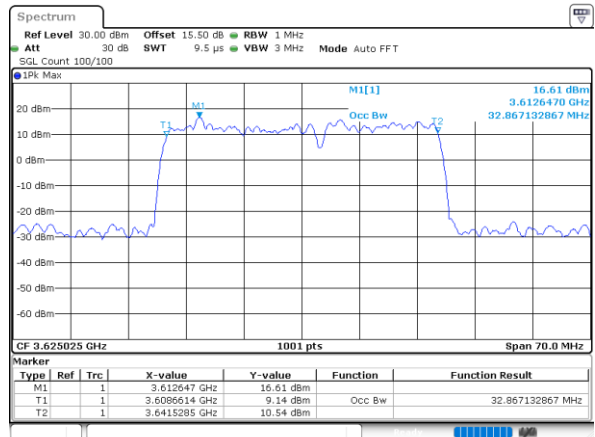
Date: 17 AUG 2024 18:20:25

Middle Channel / 20MHz+10MHz

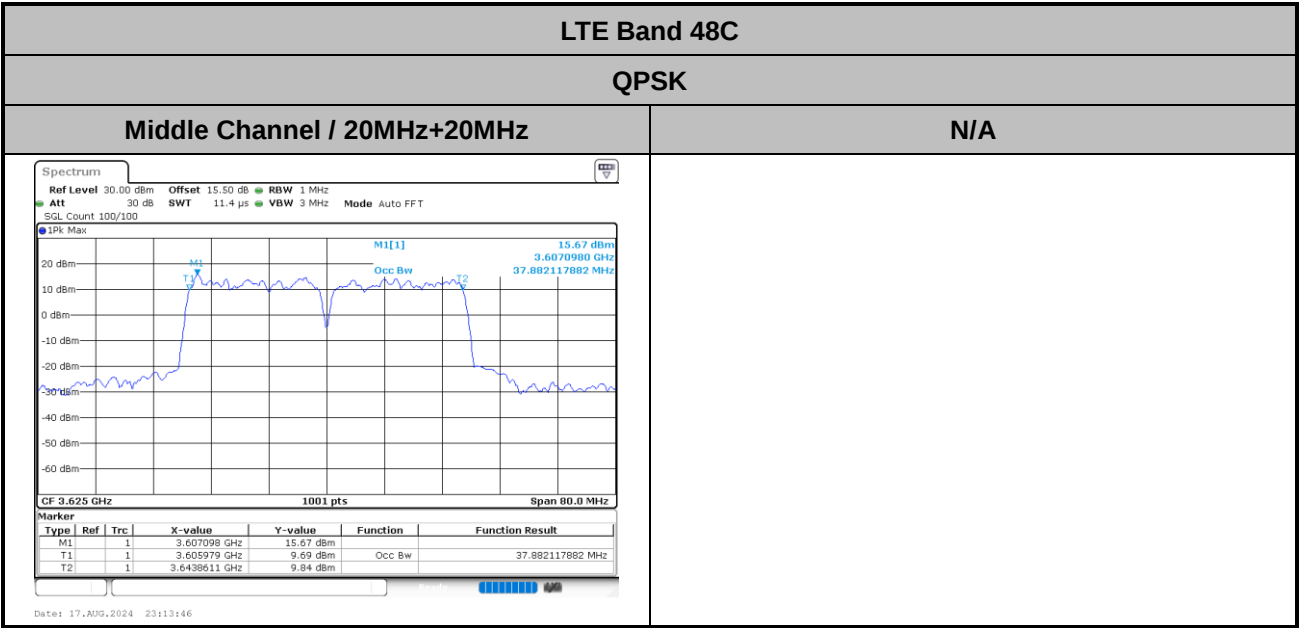


Date: 17 AUG 2024 20:09:24

Middle Channel / 20MHz+15MHz



Date: 17 AUG 2024 21:44:50

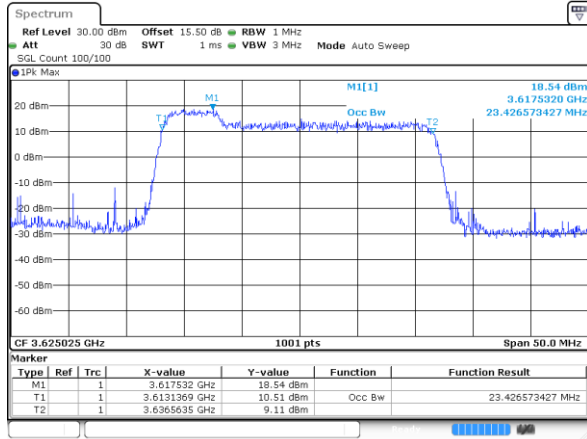




LTE Band 48C

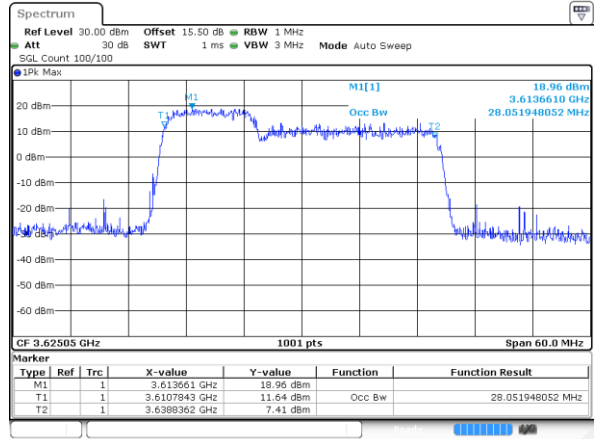
16QAM

Middle Channel / 5MHz+20MHz



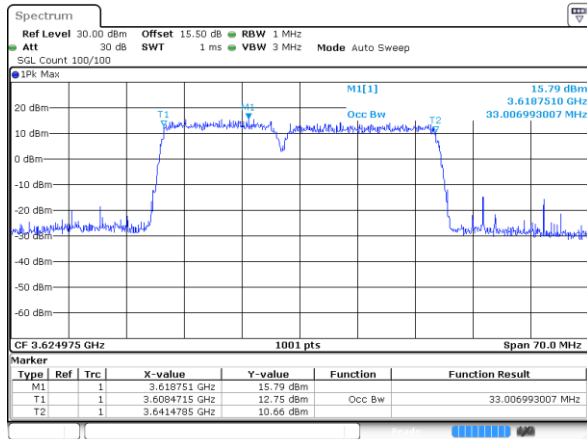
Date: 16 AUG 2024 20:31:49

Middle Channel / 10MHz+20MHz



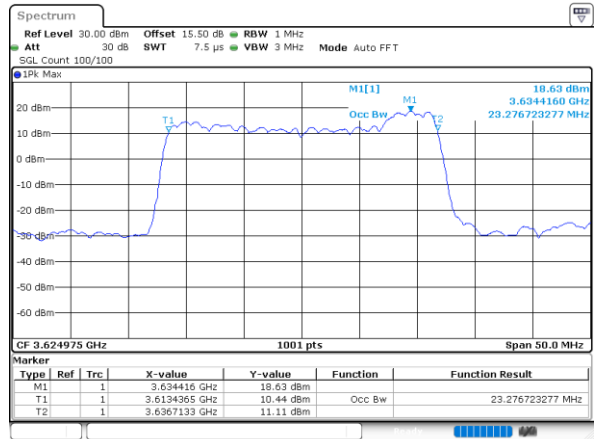
Date: 16 AUG 2024 22:37:30

Middle Channel / 15MHz+20MHz



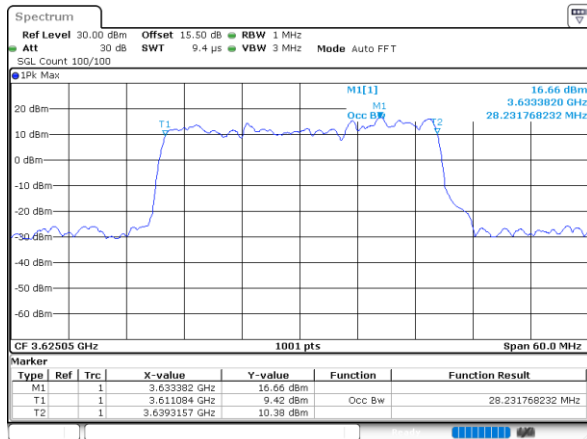
Date: 17 AUG 2024 01:27:11

Middle Channel / 20MHz+5MHz



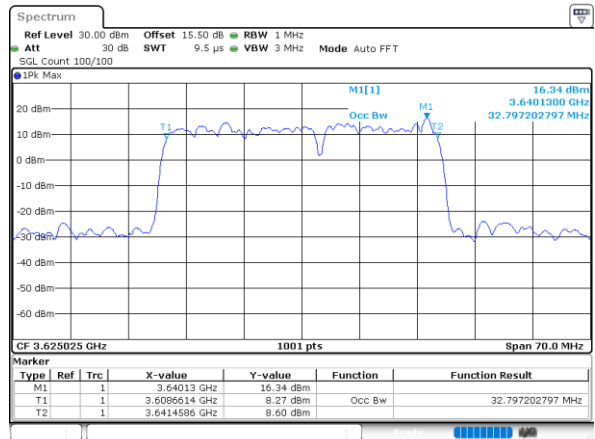
Date: 17 AUG 2024 18:22:12

Middle Channel / 20MHz+10MHz

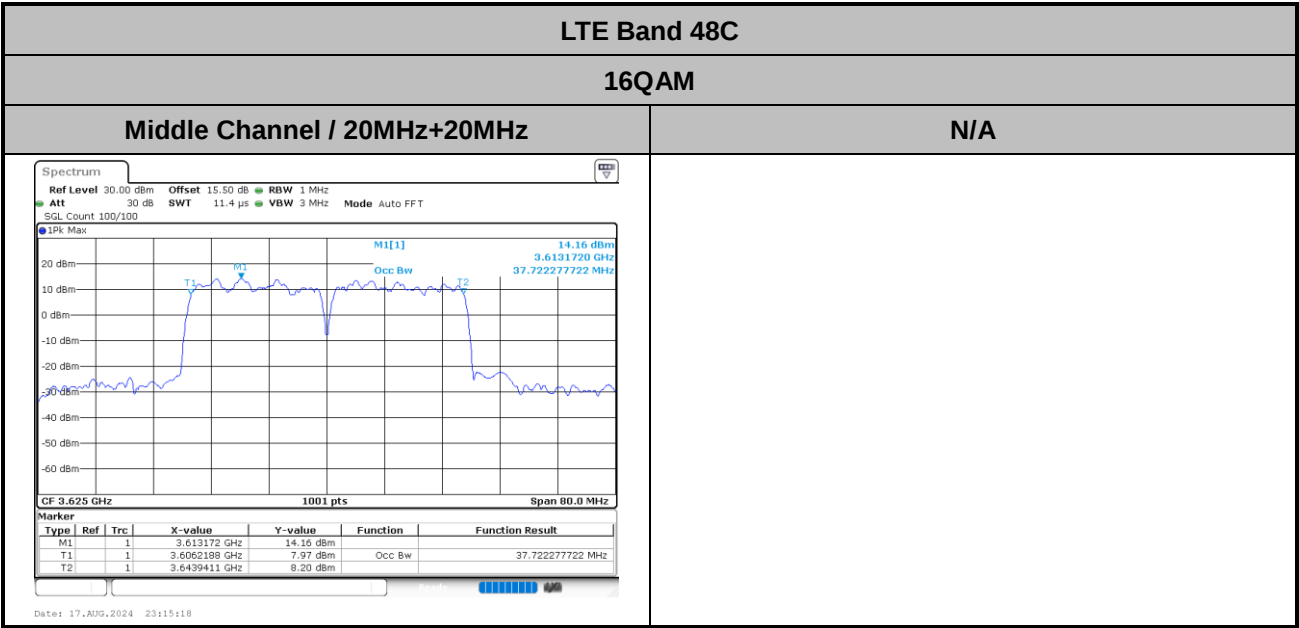


Date: 17 AUG 2024 20:11:12

Middle Channel / 20MHz+15MHz



Date: 17 AUG 2024 21:46:37





ACLR

