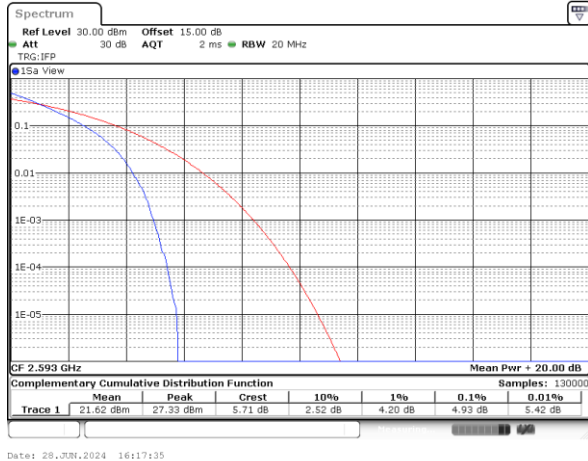




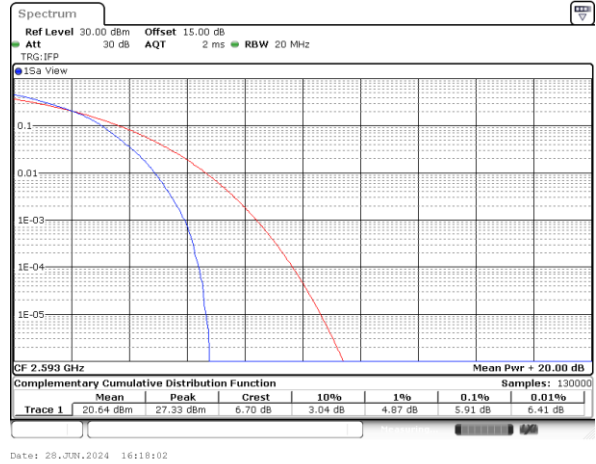
LTE Band 41 / 20MHz / QPSK

Middle Channel / Full RB



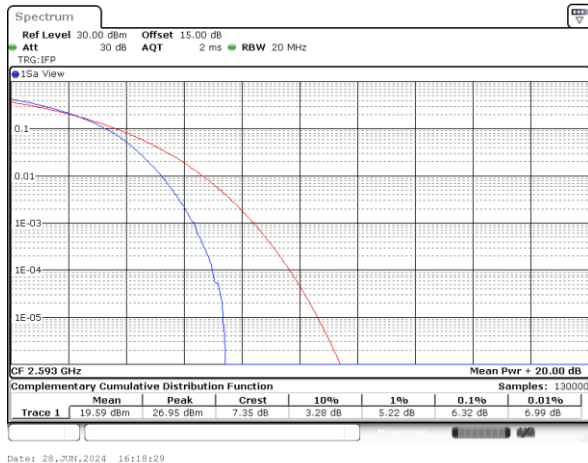
LTE Band 41 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB





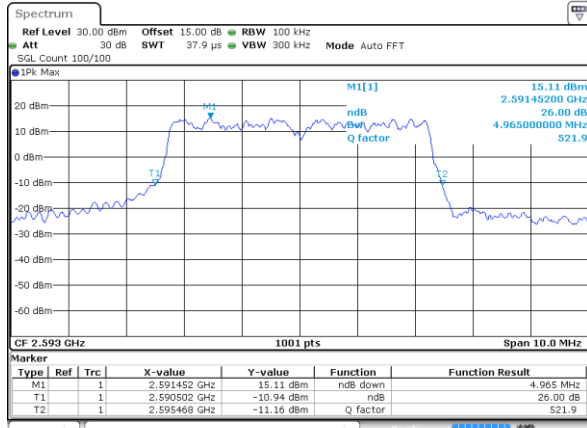
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH					4.97	4.83	9.73	9.79	14.30	14.63	18.82	18.66



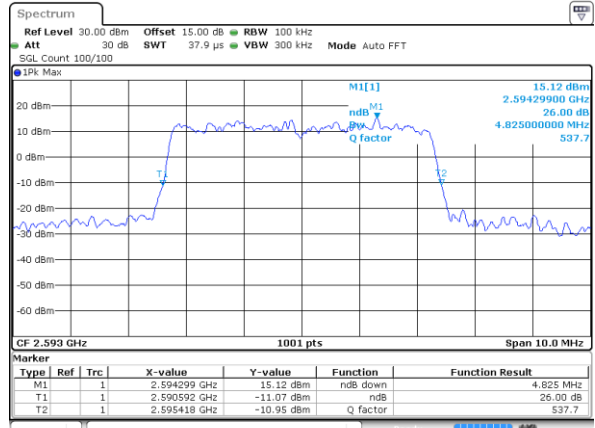
LTE Band 41

Middle Channel / 5MHz / QPSK



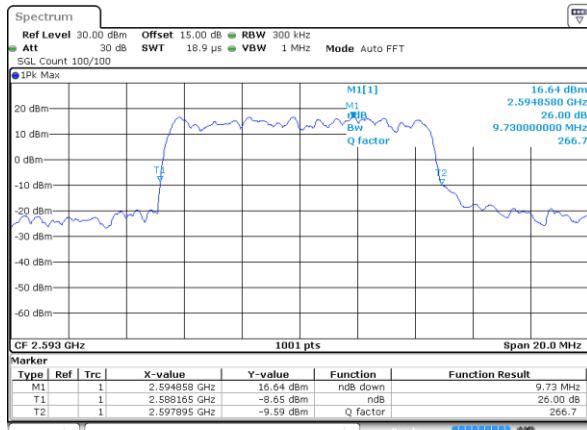
Date: 28 JUN 2024 14:09:45

Middle Channel / 5MHz / 16QAM



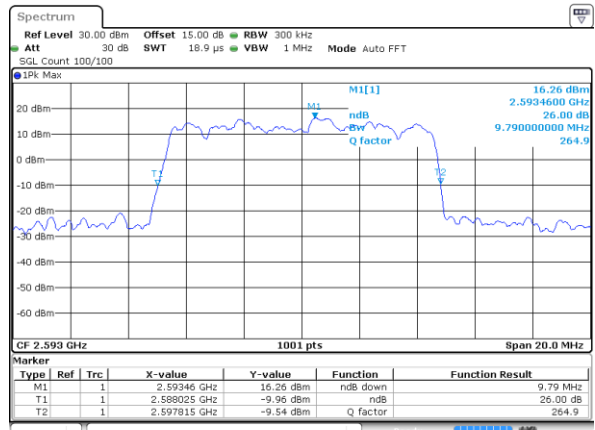
Date: 28 JUN 2024 14:10:24

Middle Channel / 10MHz / QPSK



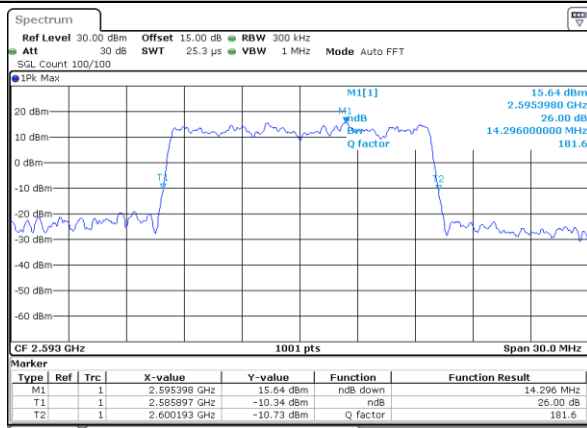
Date: 28 JUN 2024 14:27:11

Middle Channel / 10MHz / 16QAM



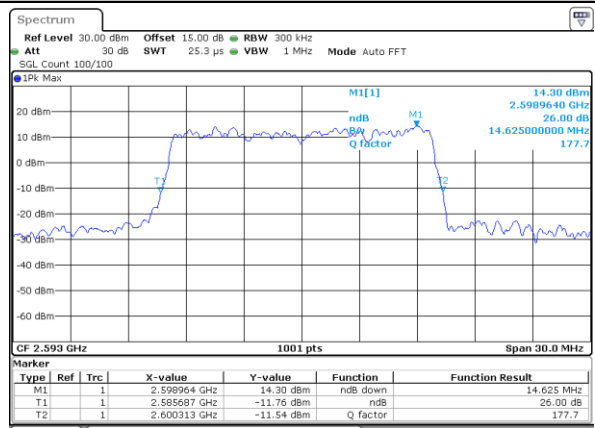
Date: 28 JUN 2024 14:27:51

Middle Channel / 15MHz / QPSK



Date: 28 JUN 2024 14:43:50

Middle Channel / 15MHz / 16QAM

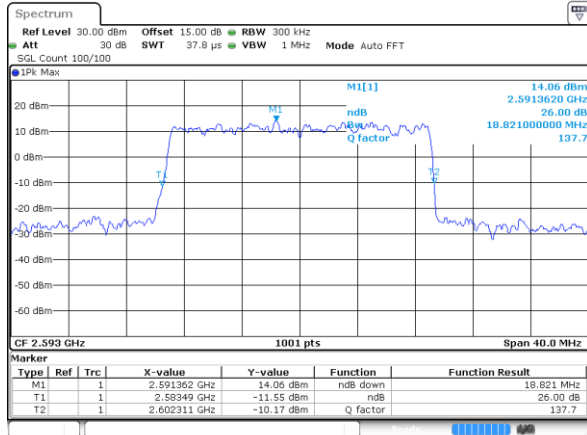


Date: 28 JUN 2024 14:44:29



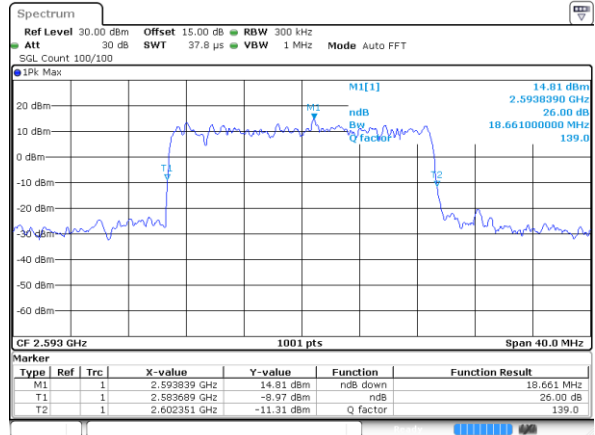
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 28 JUN 2024 15:01:19

Middle Channel / 20MHz / 16QAM



Date: 28 JUN 2024 15:01:58



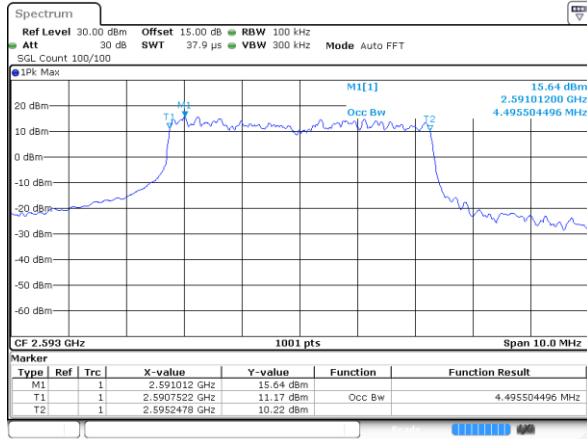
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH					4.50	4.49	9.11	8.99	13.46	13.43	17.98	17.78

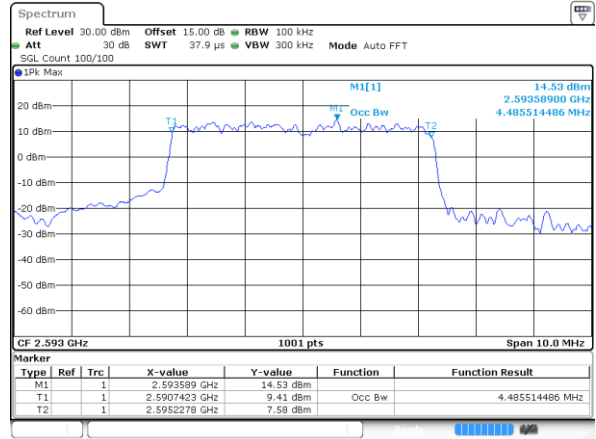


LTE Band 41

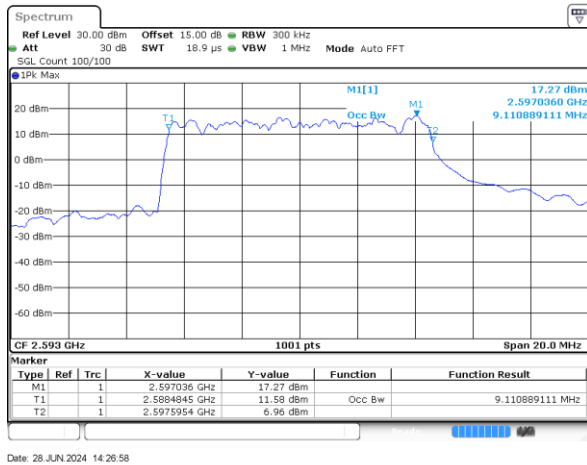
Middle Channel / 5MHz / QPSK



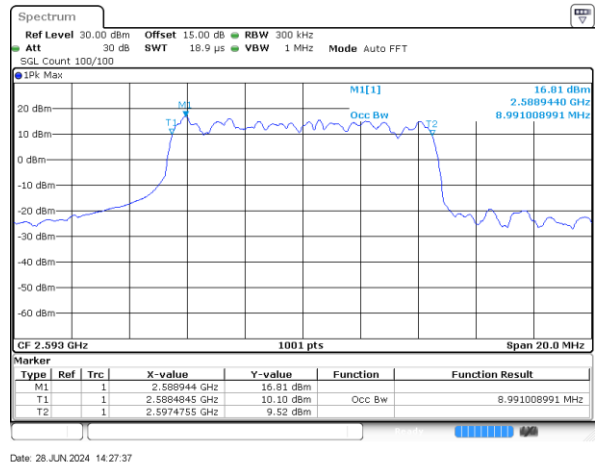
Middle Channel / 5MHz / 16QAM



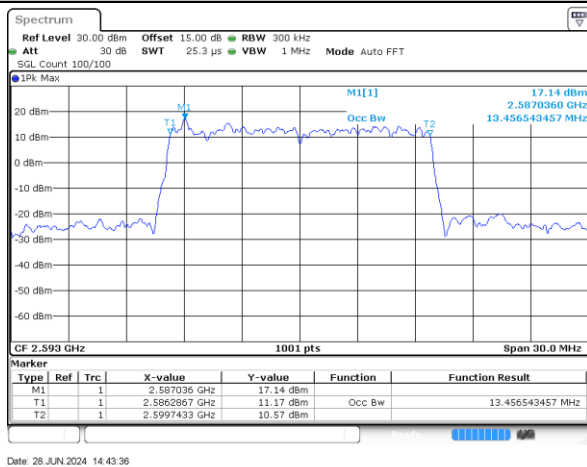
Middle Channel / 10MHz / QPSK



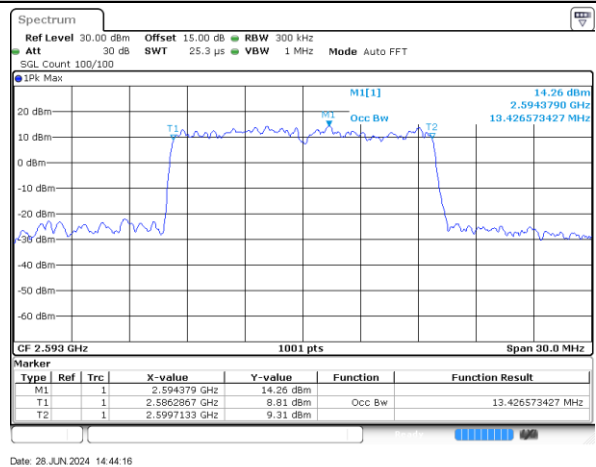
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



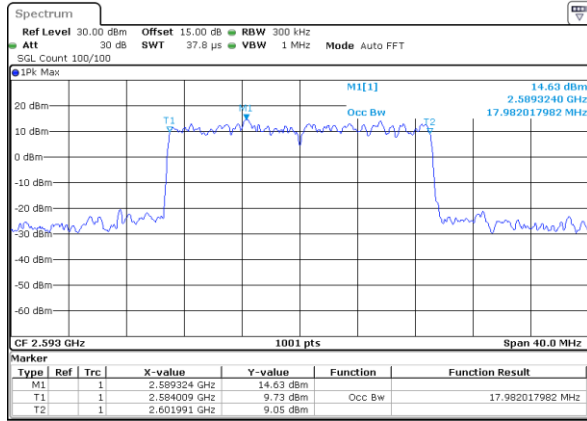
Middle Channel / 15MHz / 16QAM





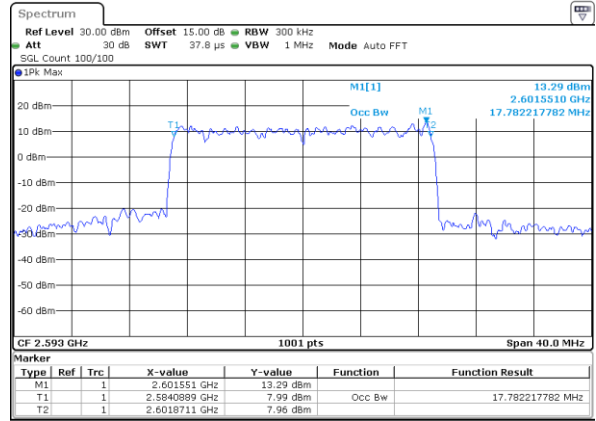
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 28 JUN 2024 15:01:05

Middle Channel / 20MHz / 16QAM



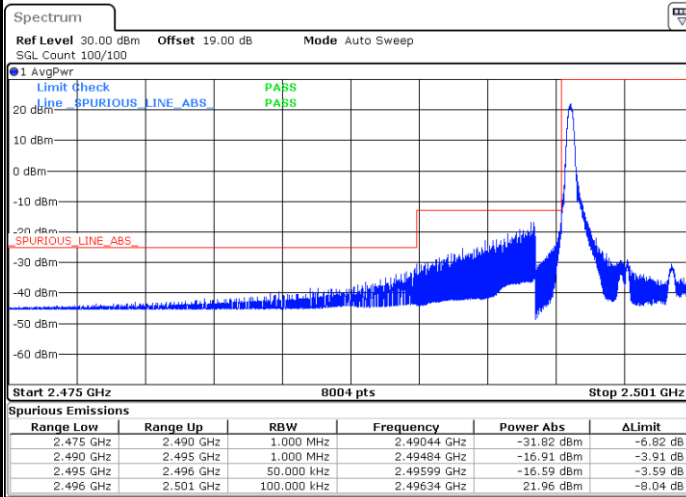
Date: 28 JUN 2024 15:01:44



Conducted Band Edge

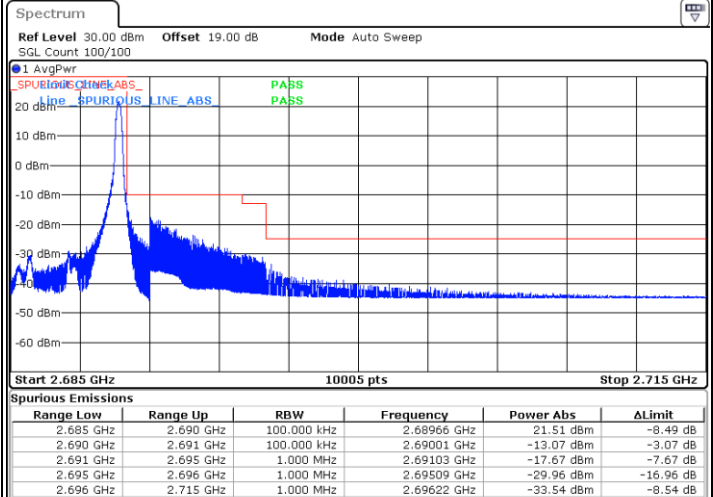
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



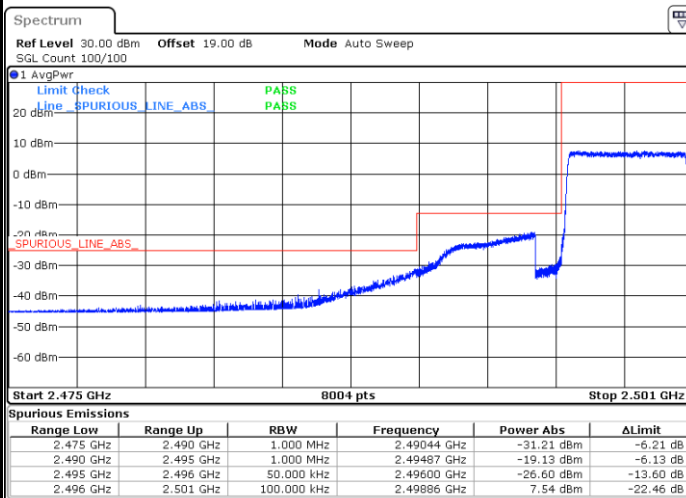
Date: 28 JUN 2024 14:02:04

Highest Band Edge / 1 RB



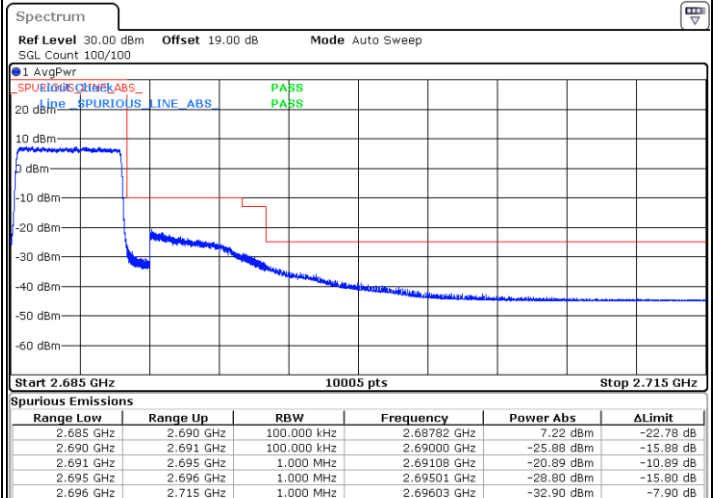
Date: 28 JUN 2024 15:36:40

Lowest Band Edge / Full RB



Date: 28 JUN 2024 14:06:45

Highest Band Edge / Full RB

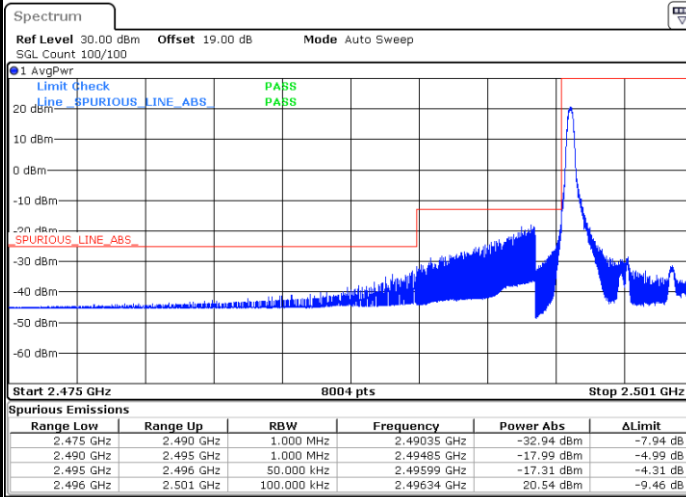


Date: 28 JUN 2024 14:16:44



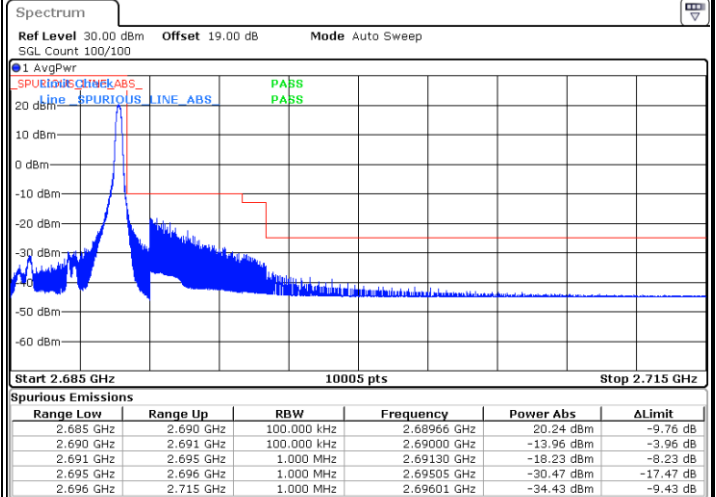
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



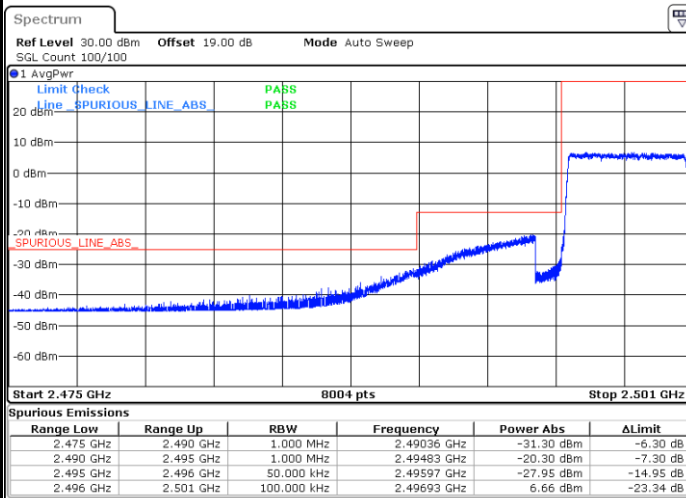
Date: 26 JUN 2024 14:03:00

Highest Band Edge / 1 RB



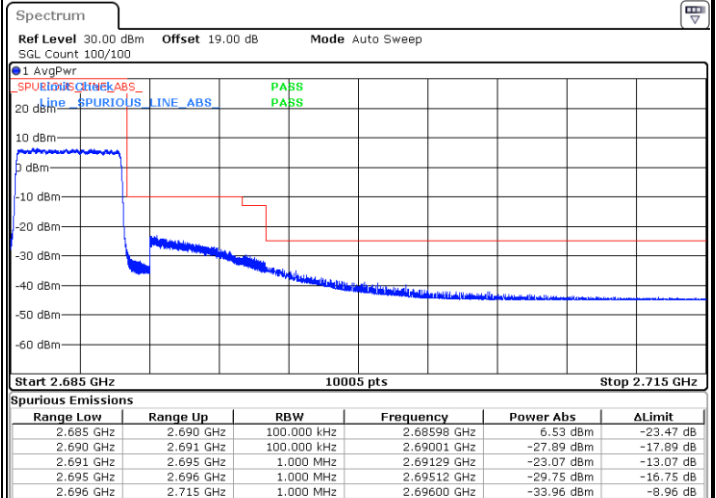
Date: 28 JUN 2024 14:12:30

Lowest Band Edge / Full RB



Date: 26 JUN 2024 14:05:49

Highest Band Edge / Full RB

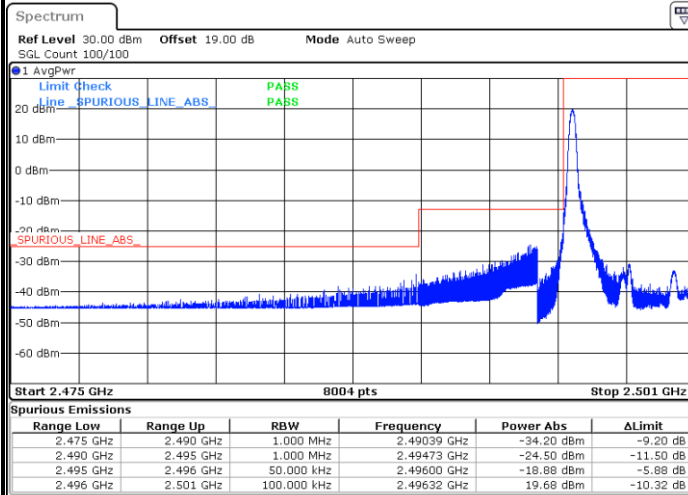


Date: 28 JUN 2024 14:15:41



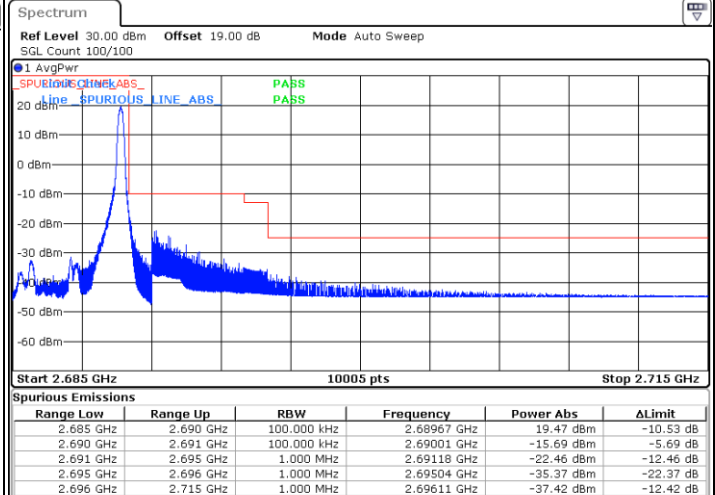
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



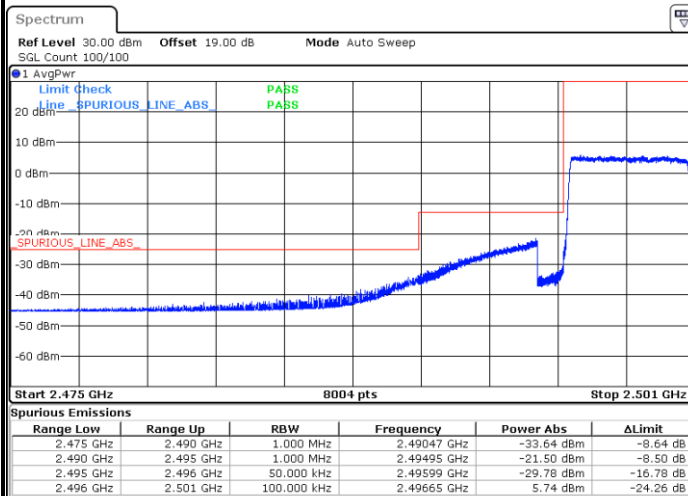
Date: 28 JUN 2024 14:03:56

Highest Band Edge / 1 RB



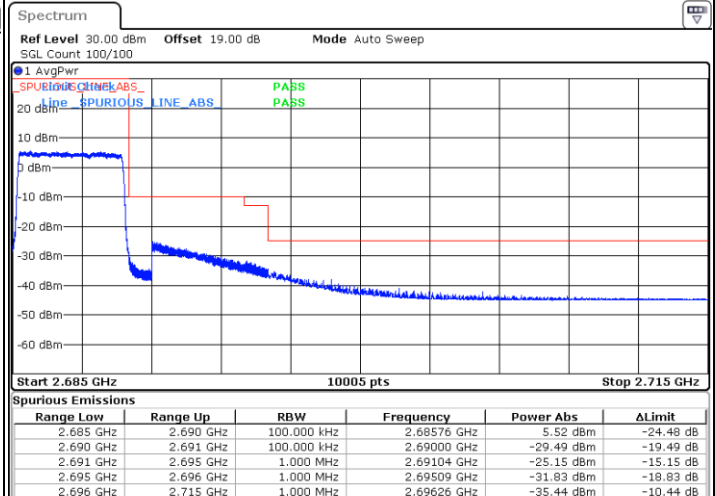
Date: 28 JUN 2024 14:13:34

Lowest Band Edge / Full RB



Date: 28 JUN 2024 14:04:52

Highest Band Edge / Full RB

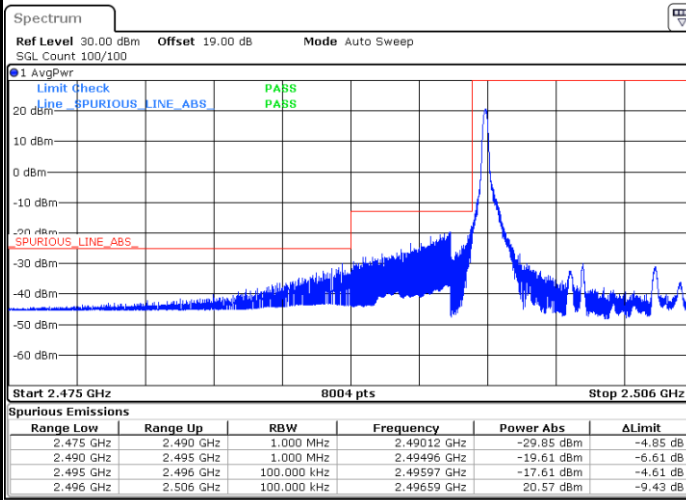


Date: 28 JUN 2024 14:14:37

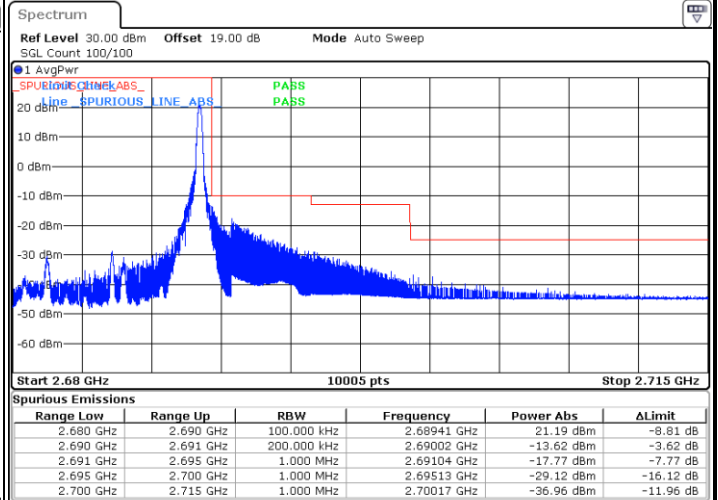


LTE Band 41 / 10MHz / QPSK

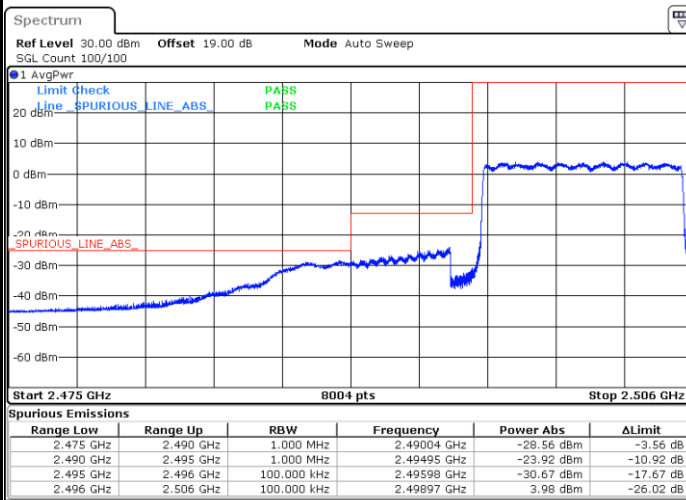
Lowest Band Edge / 1 RB



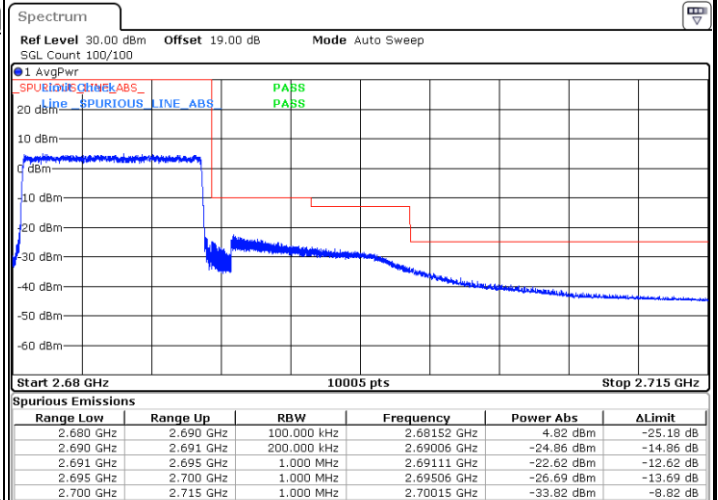
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



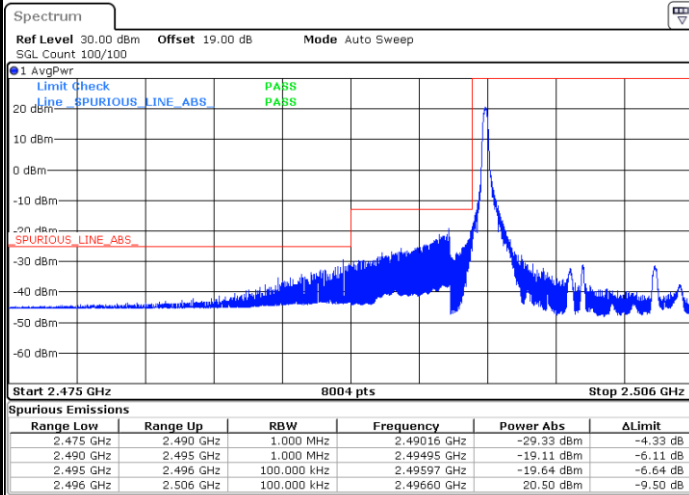
Highest Band Edge / Full RB





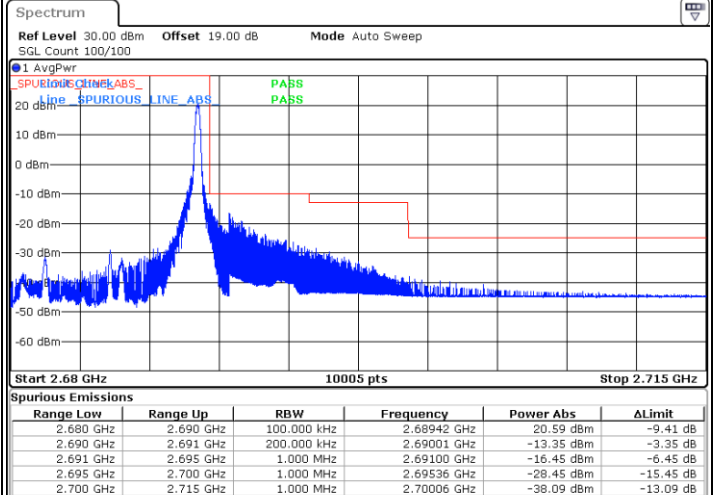
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



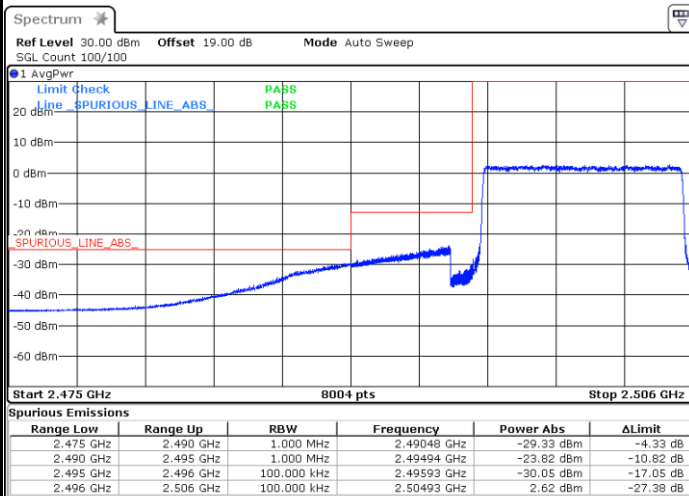
Date: 26 JUN 2024 14:20:29

Highest Band Edge / 1 RB



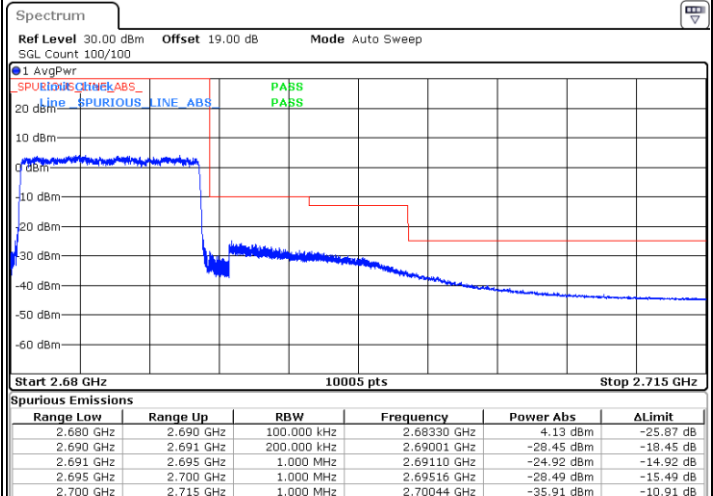
Date: 28 JUN 2024 15:34:01

Lowest Band Edge / Full RB



Date: 26 JUN 2024 15:59:09

Highest Band Edge / Full RB

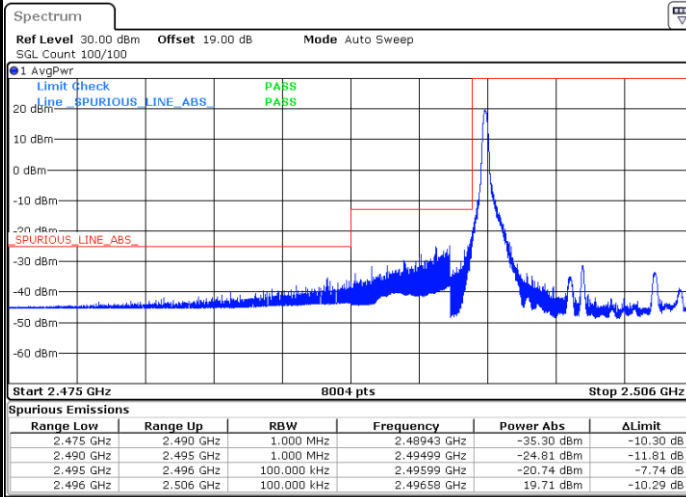


Date: 28 JUN 2024 14:32:28



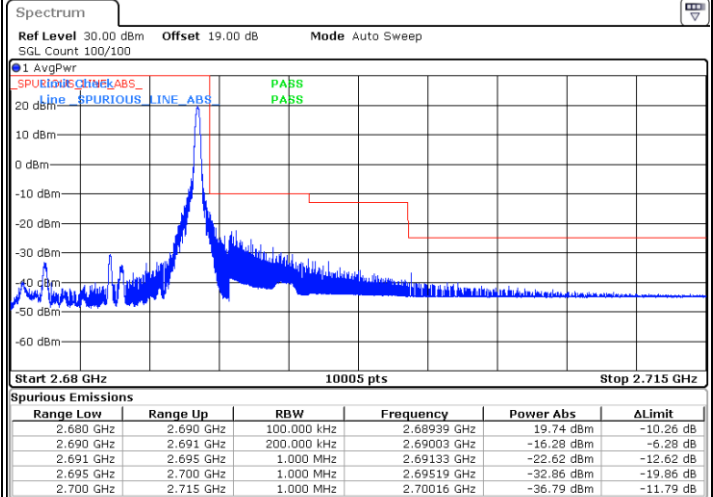
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



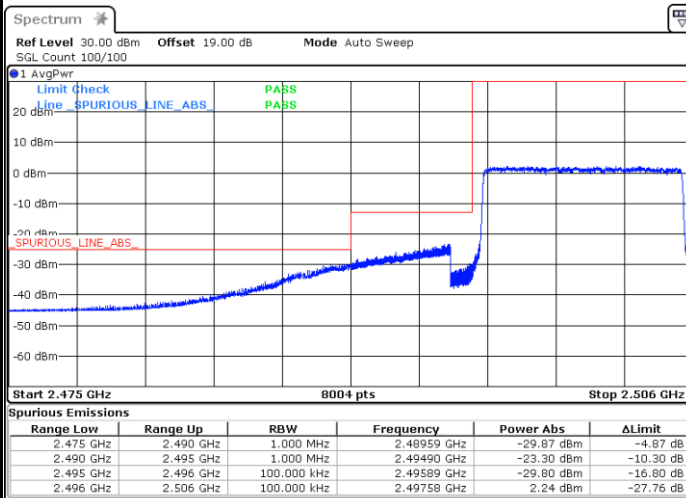
Date: 26 JUN 2024 14:21:25

Highest Band Edge / 1 RB



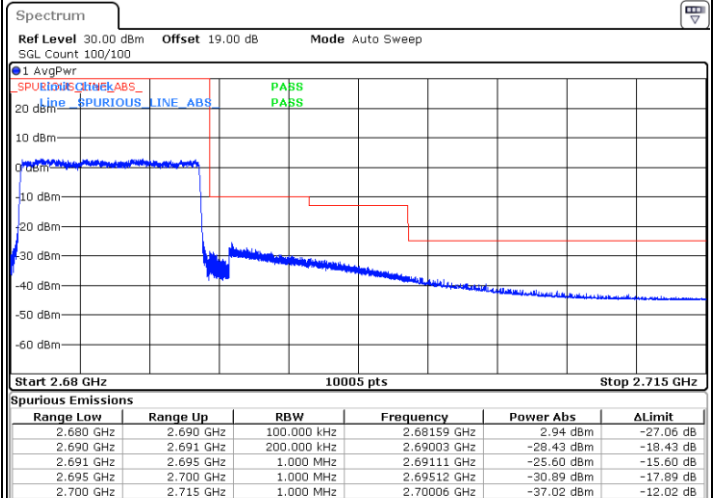
Date: 28 JUN 2024 14:30:37

Lowest Band Edge / Full RB



Date: 26 JUN 2024 16:04:24

Highest Band Edge / Full RB

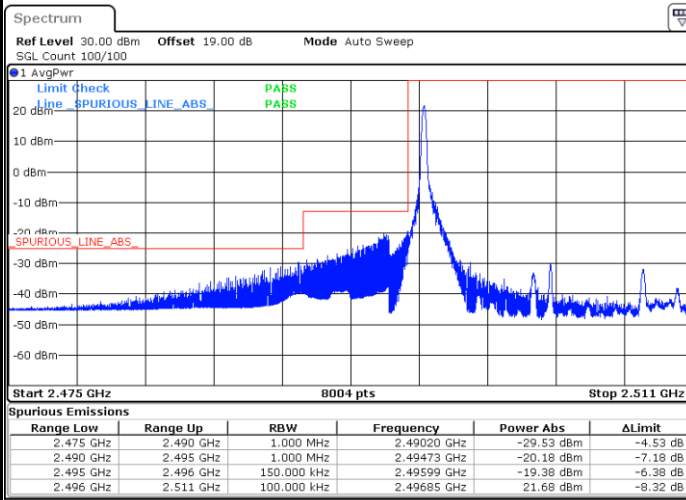


Date: 28 JUN 2024 14:31:32

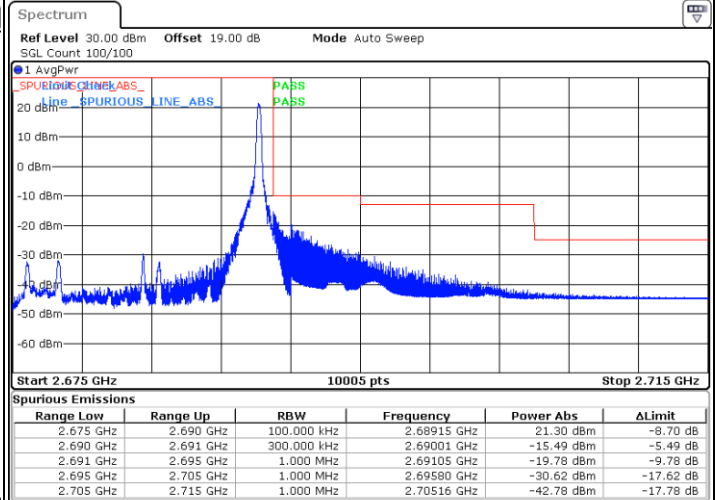


LTE Band 41 / 15MHz / QPSK

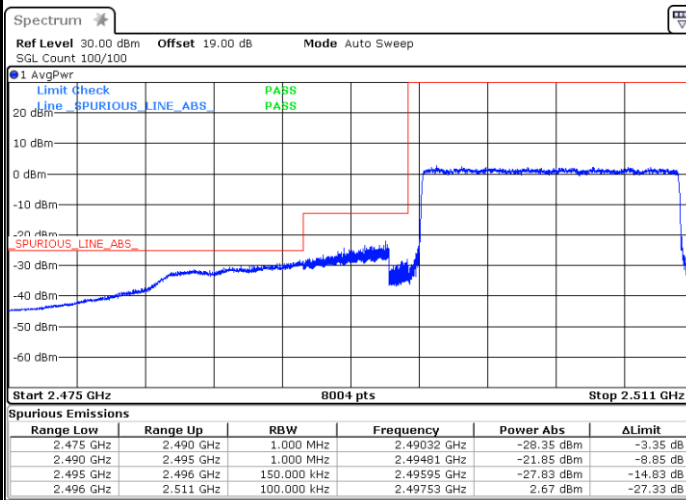
Lowest Band Edge / 1 RB



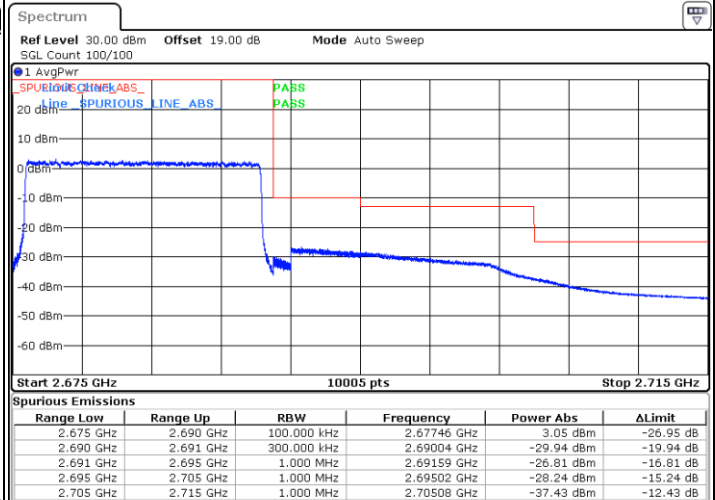
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



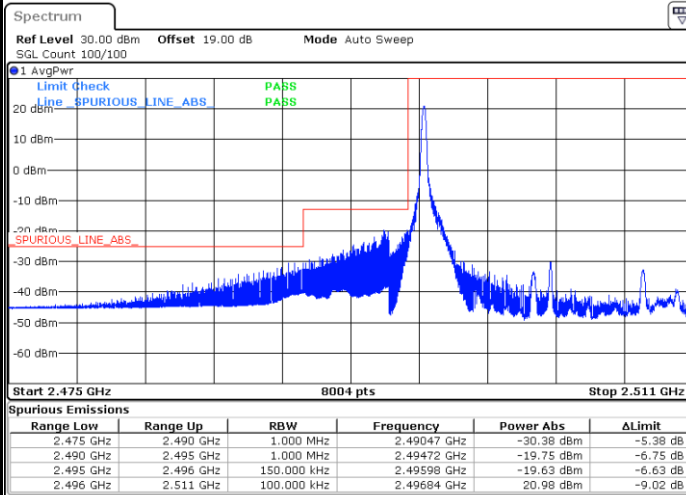
Highest Band Edge / Full RB





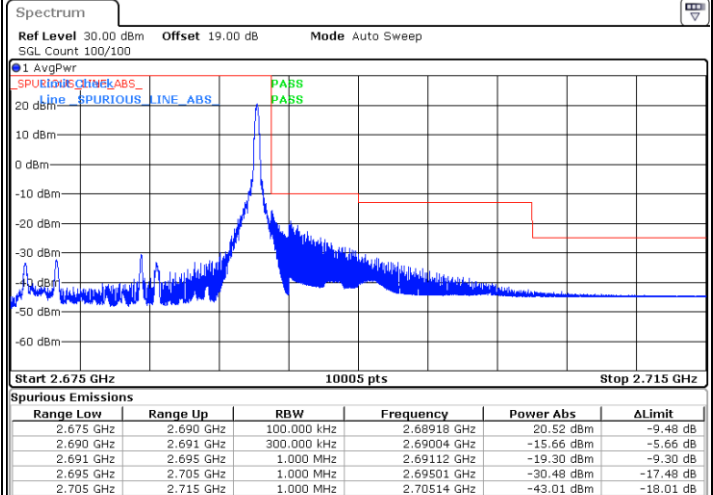
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



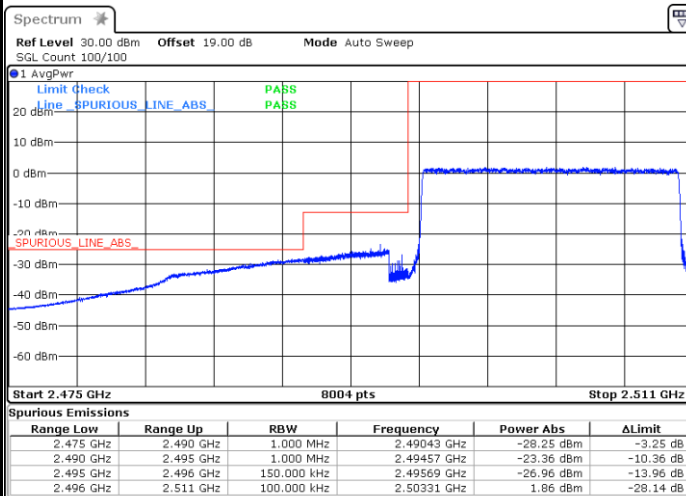
Date: 26 JUN 2024 14:37:08

Highest Band Edge / 1 RB



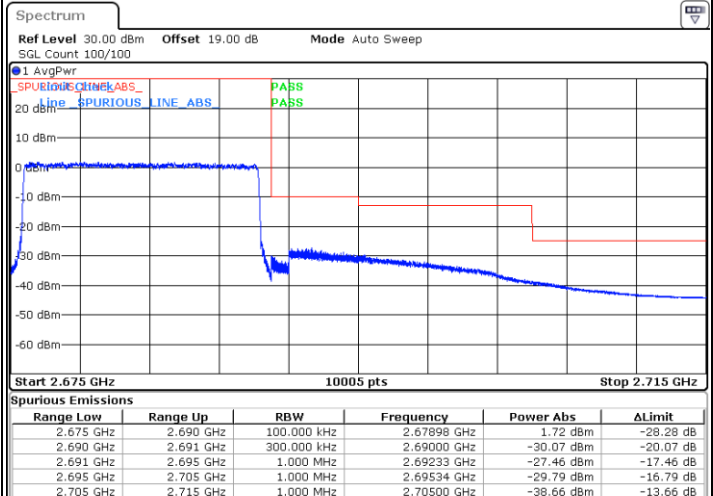
Date: 28 JUN 2024 14:46:20

Lowest Band Edge / Full RB



Date: 26 JUN 2024 15:24:10

Highest Band Edge / Full RB

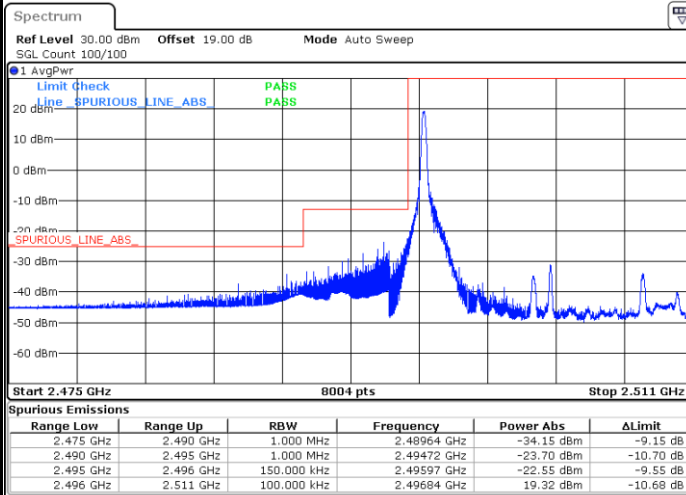


Date: 28 JUN 2024 14:49:07



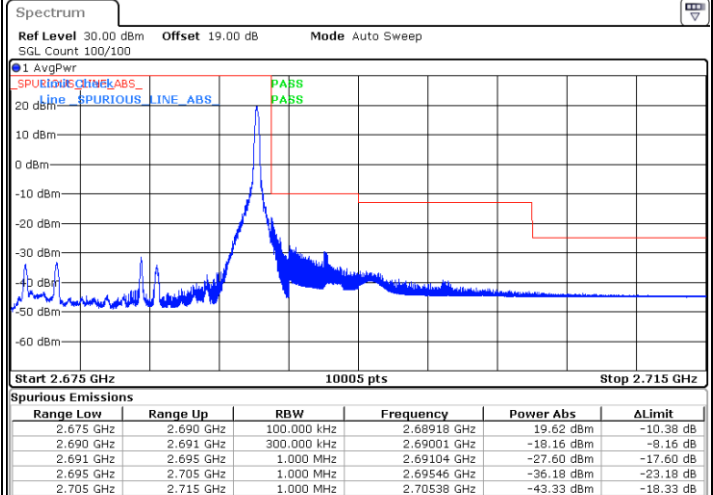
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



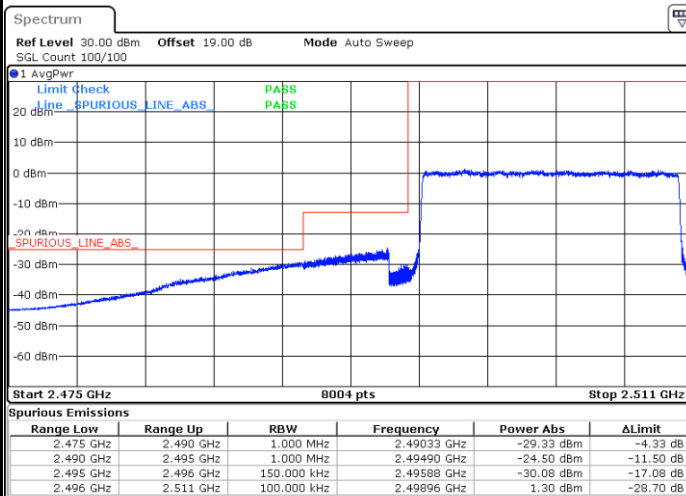
Date: 26 JUN 2024 14:38:03

Highest Band Edge / 1 RB



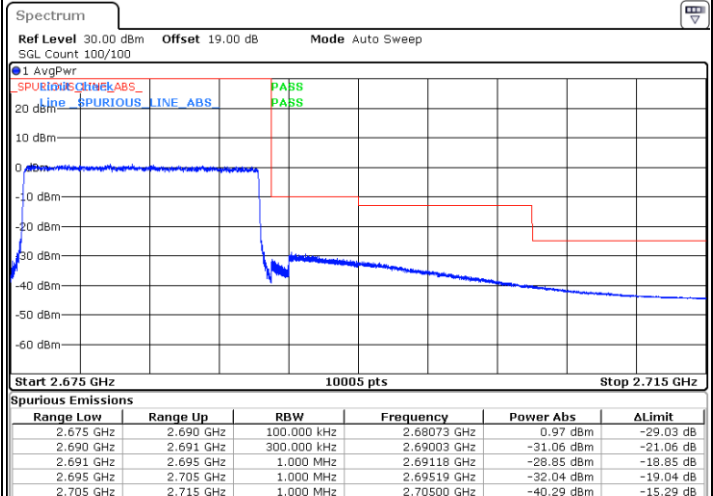
Date: 28 JUN 2024 14:47:15

Lowest Band Edge / Full RB



Date: 26 JUN 2024 14:38:59

Highest Band Edge / Full RB

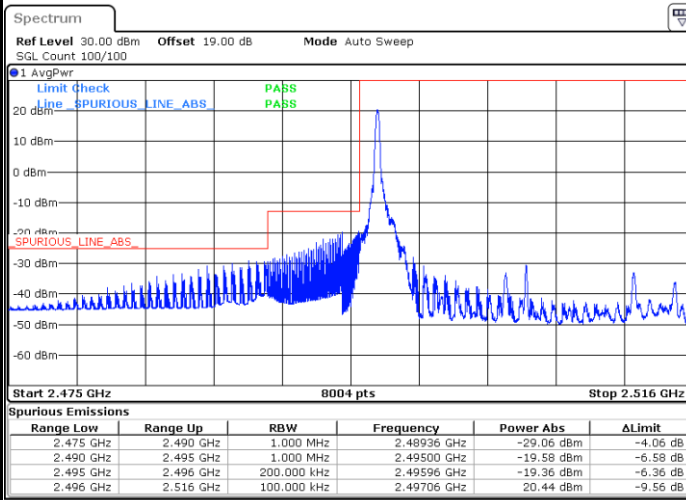


Date: 28 JUN 2024 14:48:11

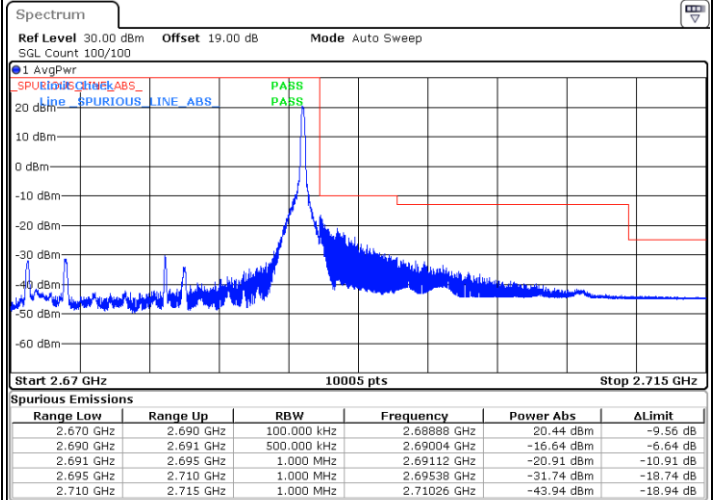


LTE Band 41 / 20MHz / QPSK

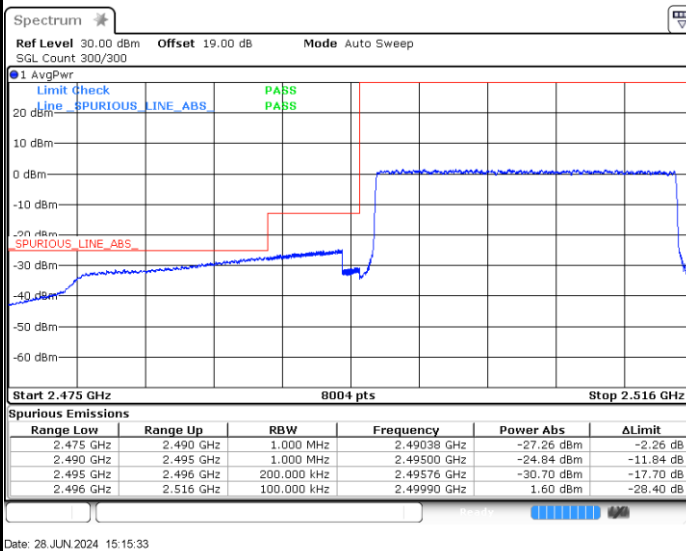
Lowest Band Edge / 1 RB



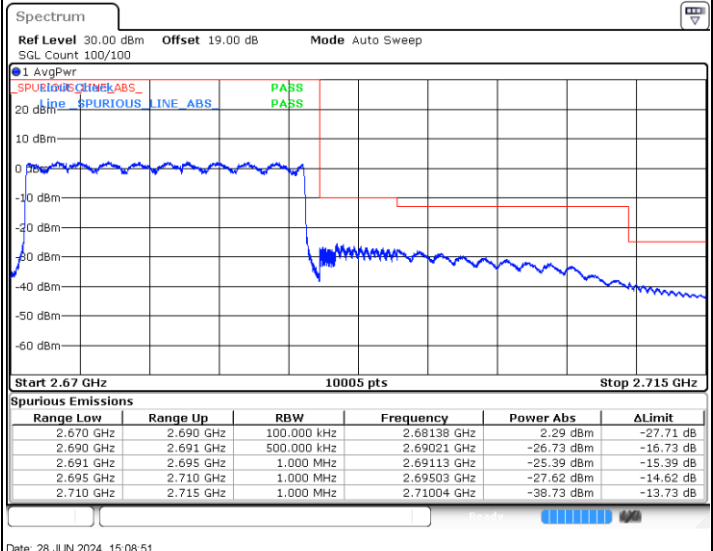
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



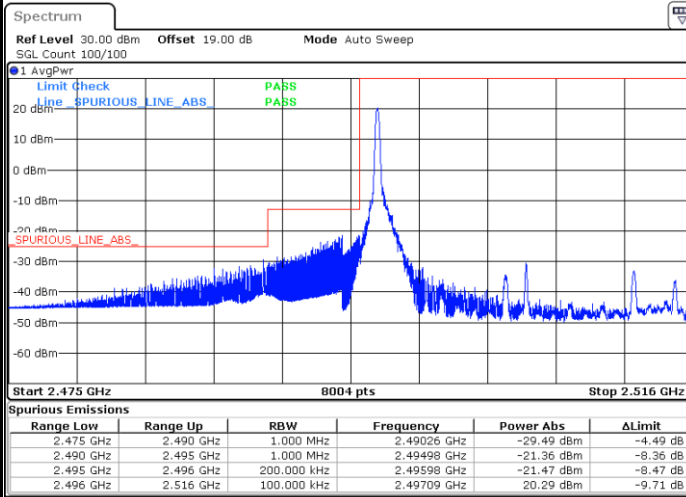
Highest Band Edge / Full RB





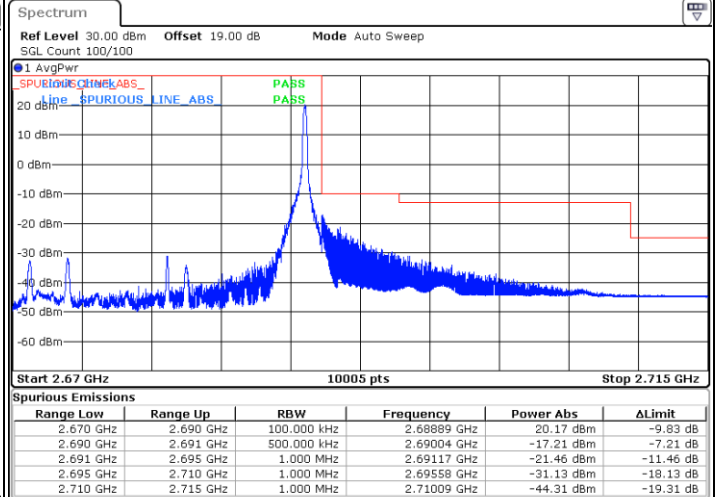
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



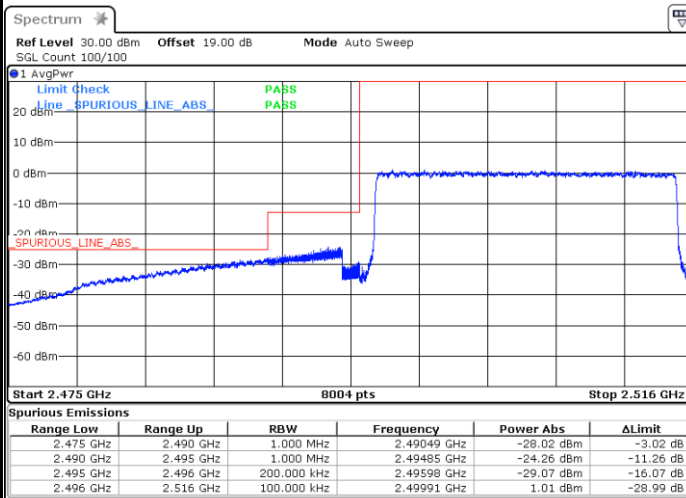
Date: 26 JUN 2024 14:54:37

Highest Band Edge / 1 RB



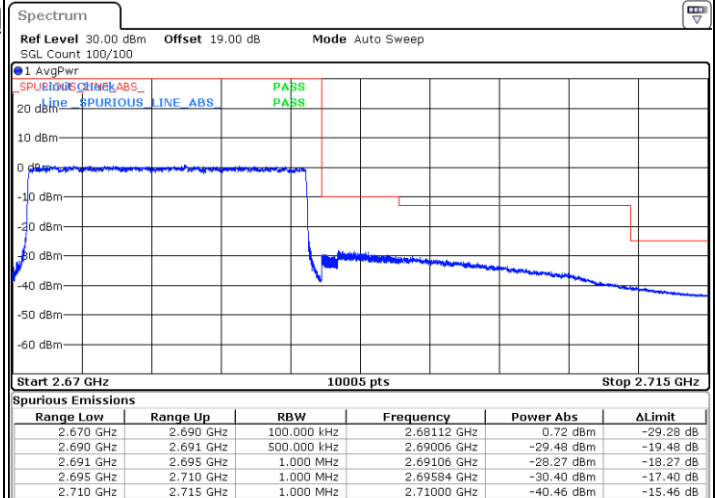
Date: 28 JUN 2024 15:05:08

Lowest Band Edge / Full RB



Date: 26 JUN 2024 15:13:13

Highest Band Edge / Full RB

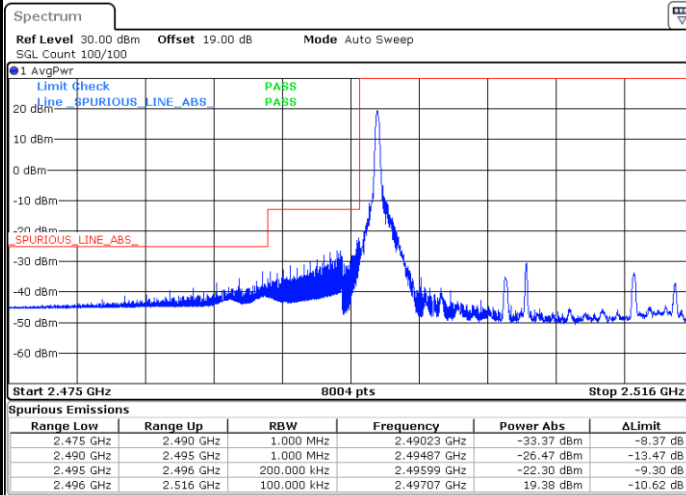


Date: 28 JUN 2024 15:07:55



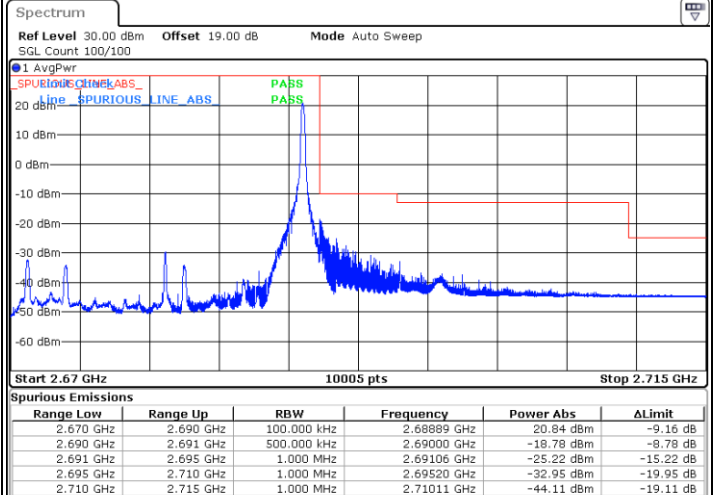
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



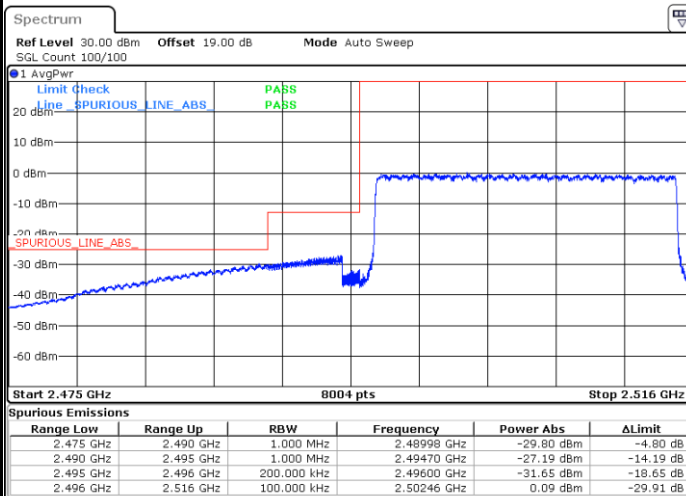
Date: 26 JUN 2024 14:55:33

Highest Band Edge / 1 RB



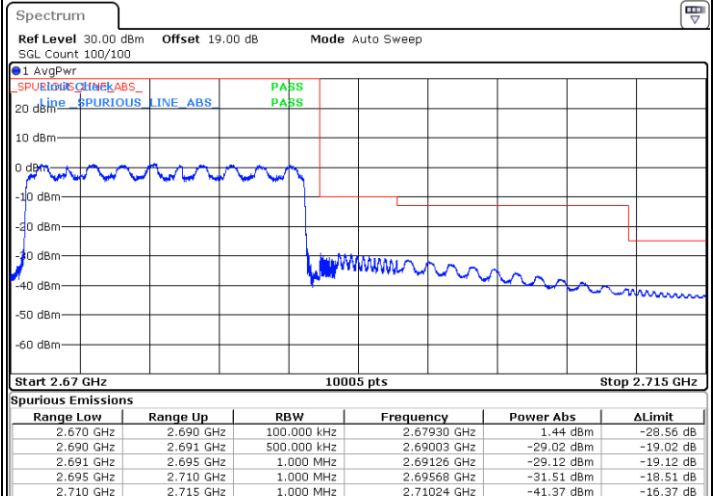
Date: 28 JUN 2024 15:06:04

Lowest Band Edge / Full RB



Date: 26 JUN 2024 14:56:28

Highest Band Edge / Full RB



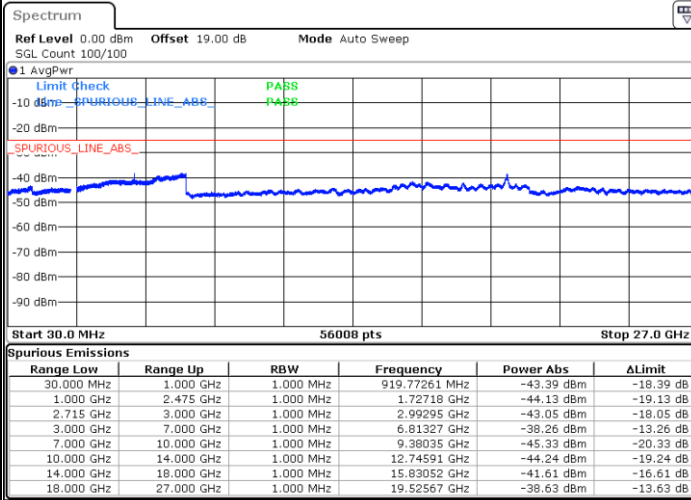
Date: 28 JUN 2024 15:07:00



Conducted Spurious Emission

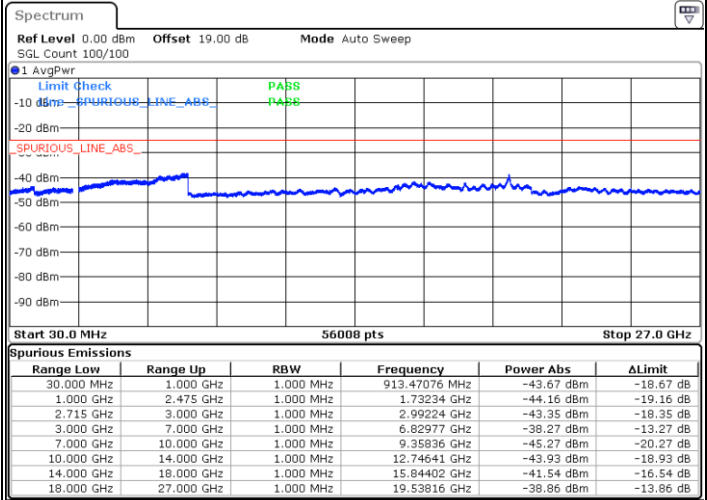
LTE Band 41 / 5MHz

Lowest Channel / QPSK



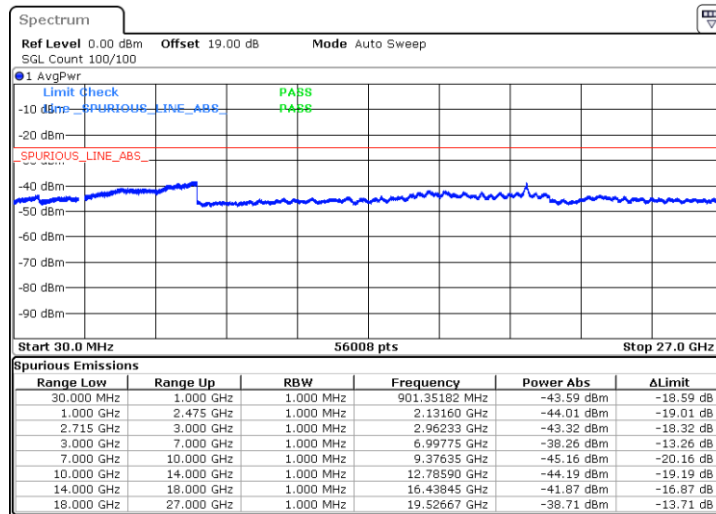
Date: 28 JUN 2024 14:07:55

Middle Channel / QPSK



Date: 28 JUN 2024 14:09:04

Highest Channel / QPSK

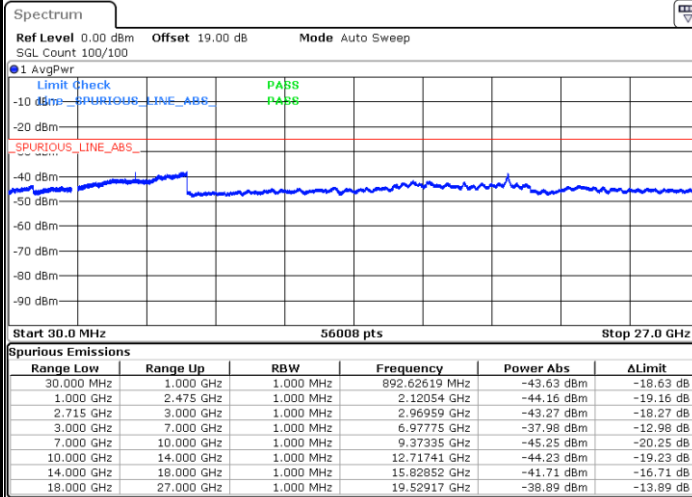


Date: 28 JUN 2024 14:17:54



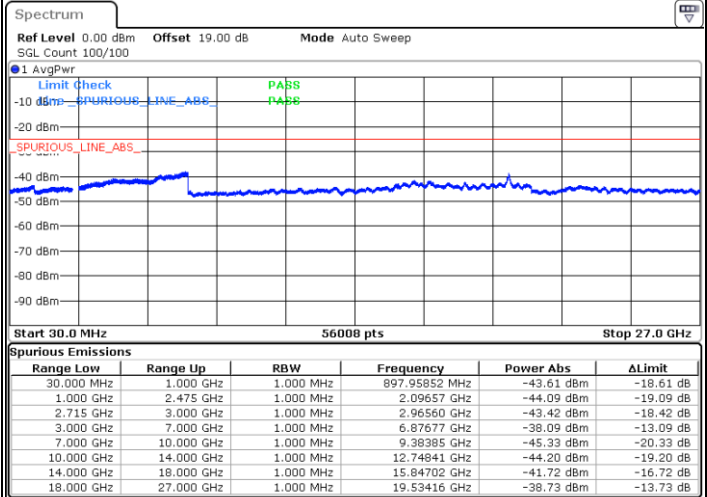
LTE Band 41 / 10MHz

Lowest Channel / QPSK



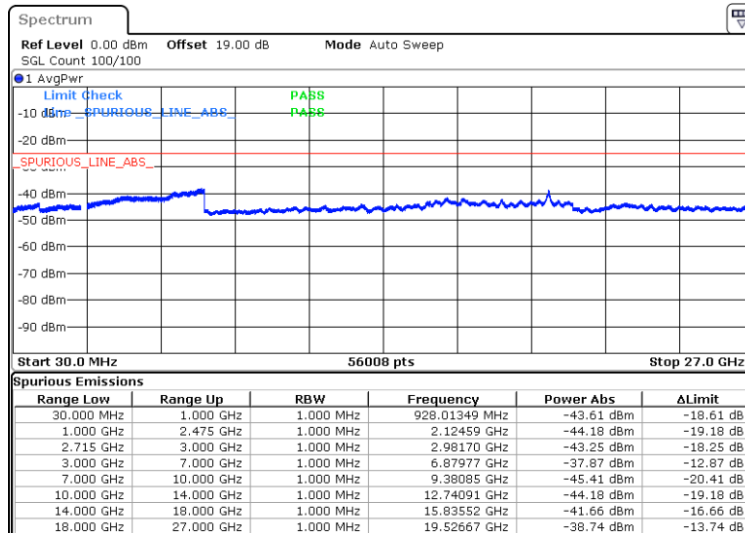
Date: 28 JUN 2024 14:25:22

Middle Channel / QPSK



Date: 28 JUN 2024 14:26:32

Highest Channel / QPSK

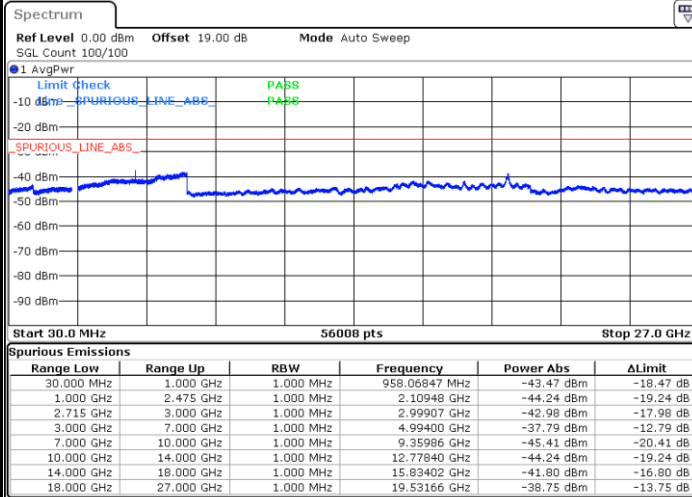


Date: 28 JUN 2024 14:34:33



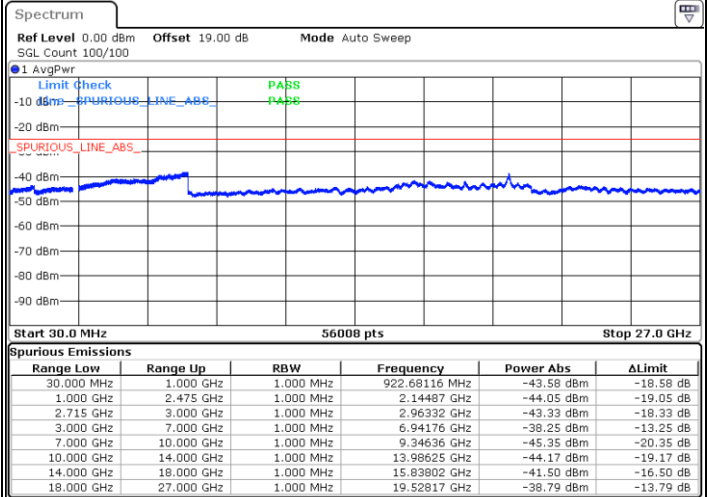
LTE Band 41 / 15MHz

Lowest Channel / QPSK



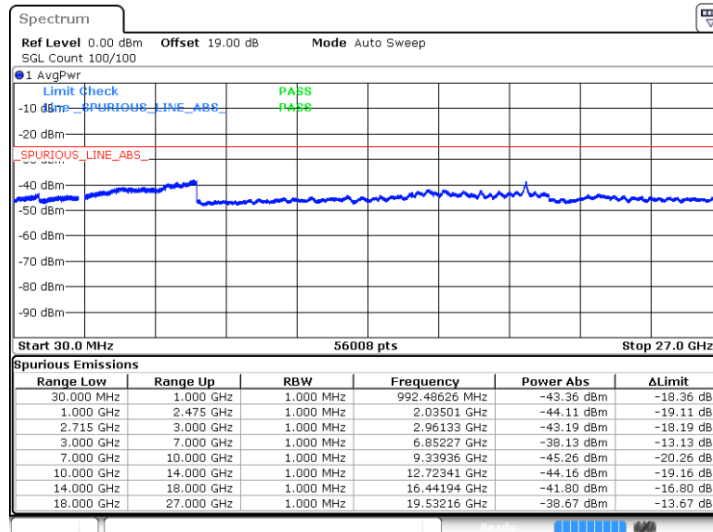
Date: 28 JUN 2024 14:42:01

Middle Channel / QPSK



Date: 28 JUN 2024 14:43:10

Highest Channel / QPSK

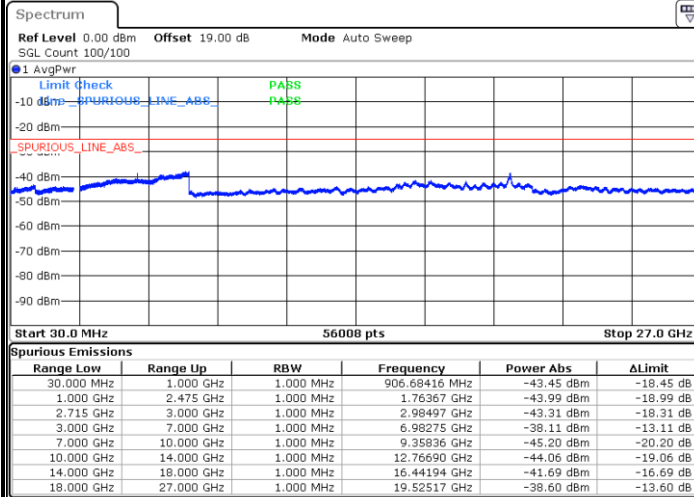


Date: 28 JUN 2024 14:51:12



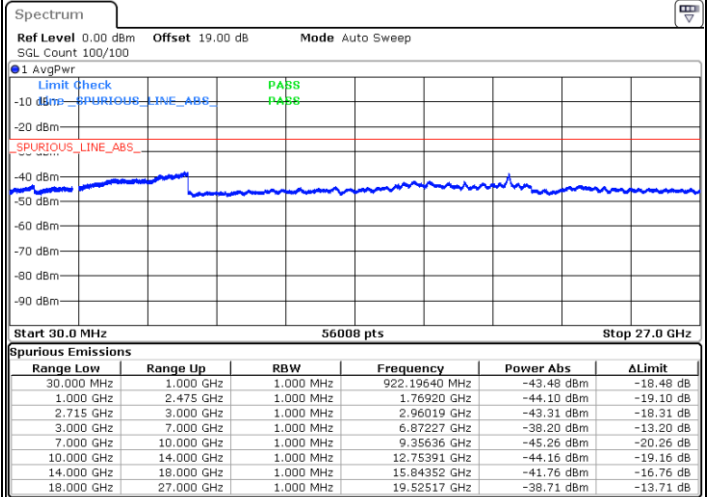
LTE Band 41 / 20MHz

Lowest Channel / QPSK



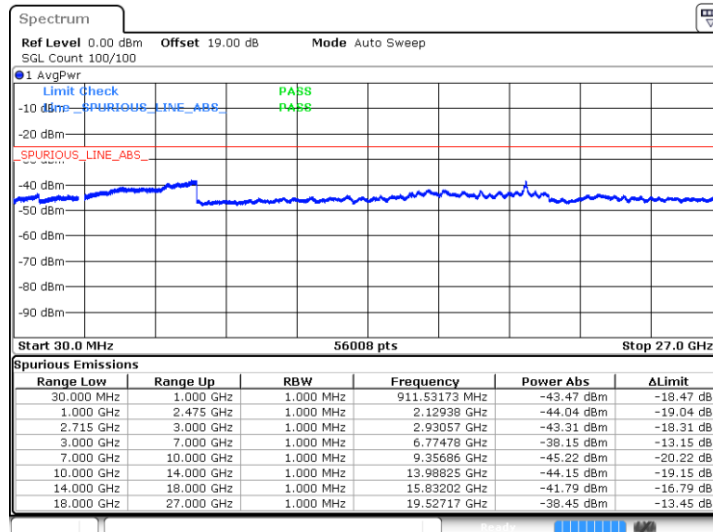
Date: 28 JUN 2024 14:59:30

Middle Channel / QPSK



Date: 28 JUN 2024 15:00:39

Highest Channel / QPSK



Date: 28 JUN 2024 15:10:01

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0059	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0063	
-30	Normal Voltage	0.0060	
20	Maximum Voltage	0.0066	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.21	25.67	30.87	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.21	35.18	40.28	

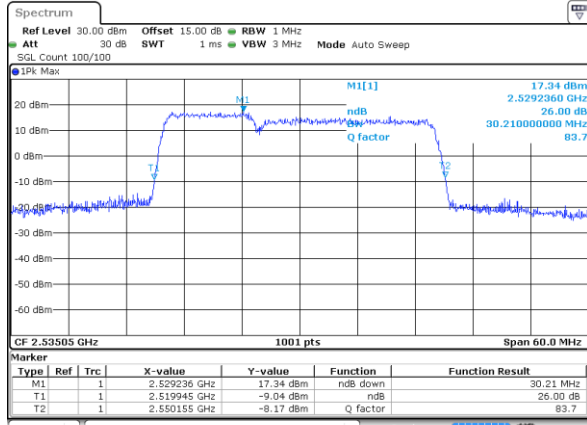
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.15	25.57	30.87	35.25
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	35.04	40.12	



LTE Band 7C

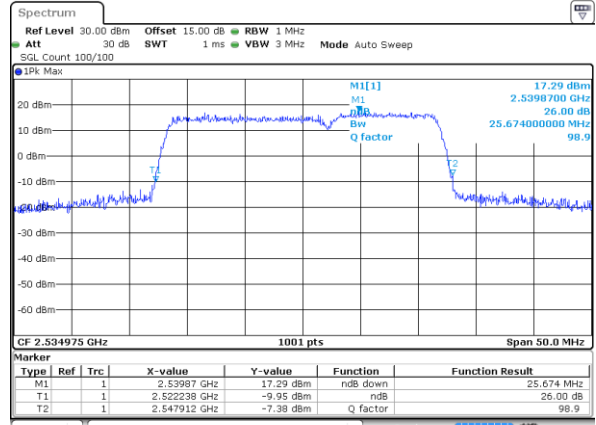
QPSK

Middle Channel / 10MHz+20MHz



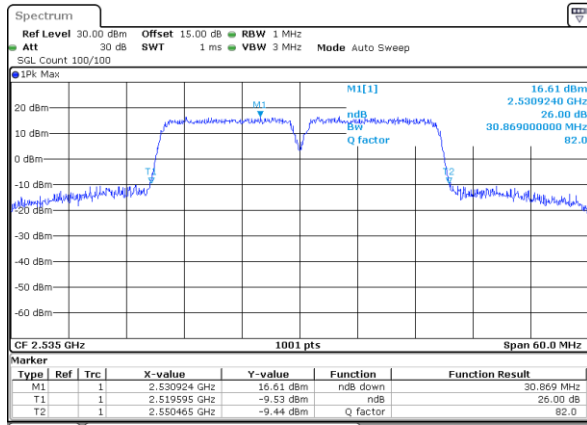
Date: 5 JUL 2024 10:19:09

Middle Channel / 15MHz+10MHz



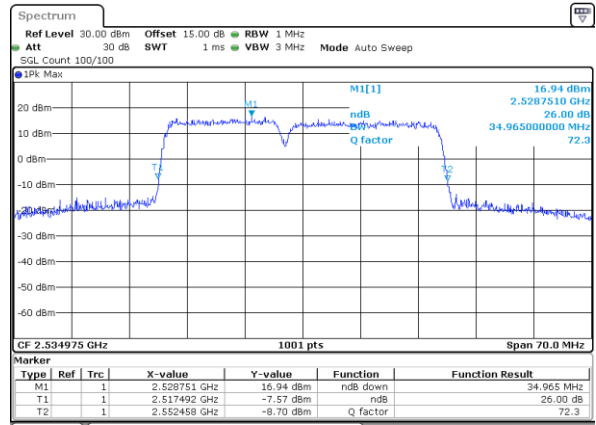
Date: 8 JUL 2024 09:17:35

Middle Channel / 15MHz+15MHz



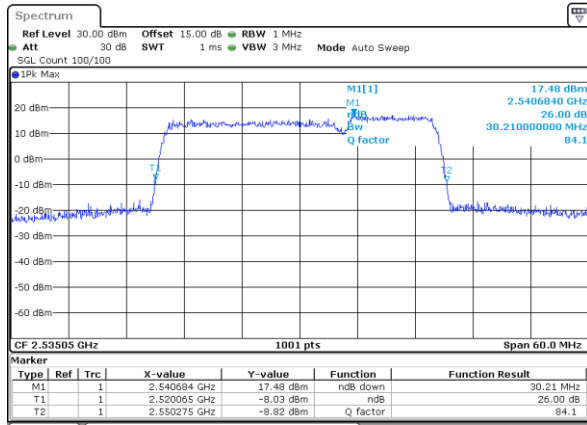
Date: 5 JUL 2024 13:24:27

Middle Channel / 15MHz+20MHz



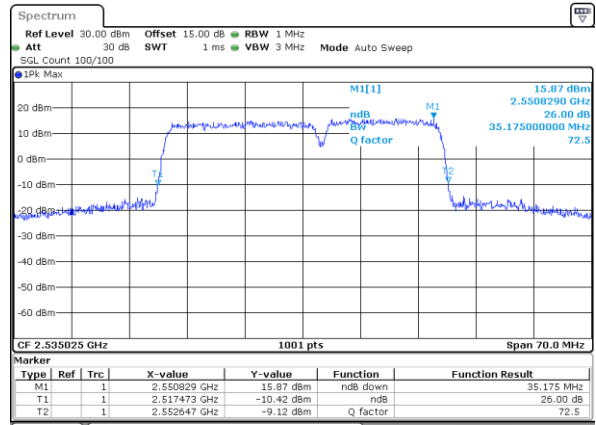
Date: 8 JUL 2024 09:46:47

Middle Channel / 20MHz+10MHz

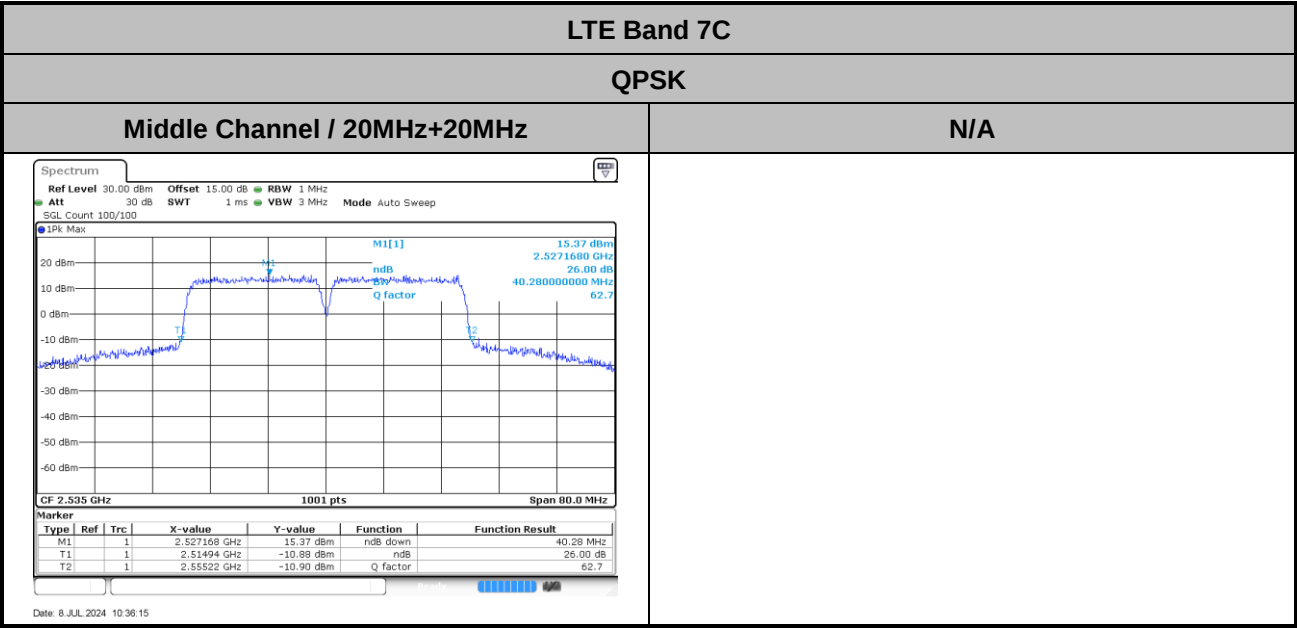


Date: 5 JUL 2024 11:19:24

Middle Channel / 20MHz+15MHz



Date: 8 JUL 2024 10:13:32

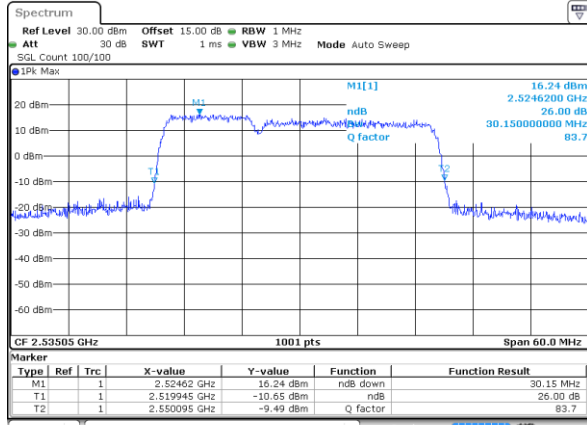




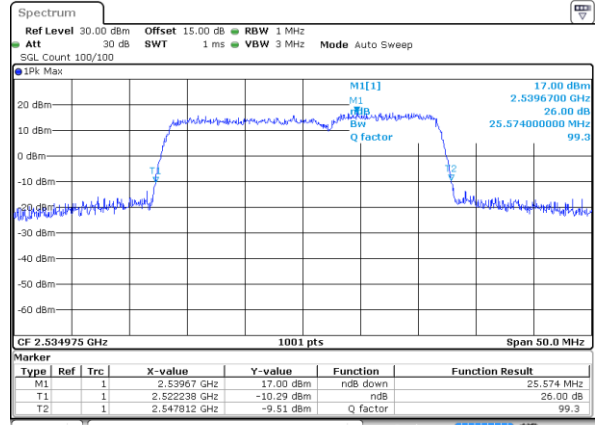
LTE Band 7C

16QAM

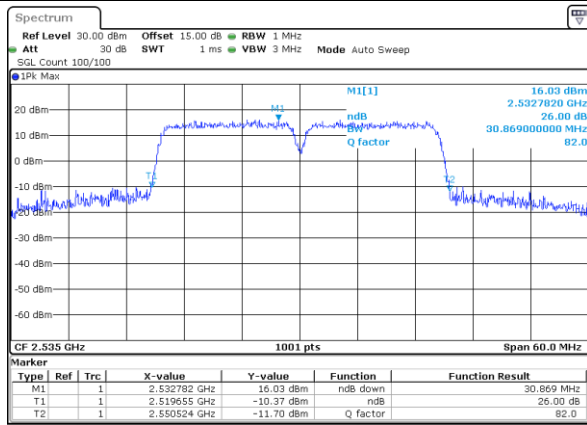
Middle Channel / 10MHz+20MHz



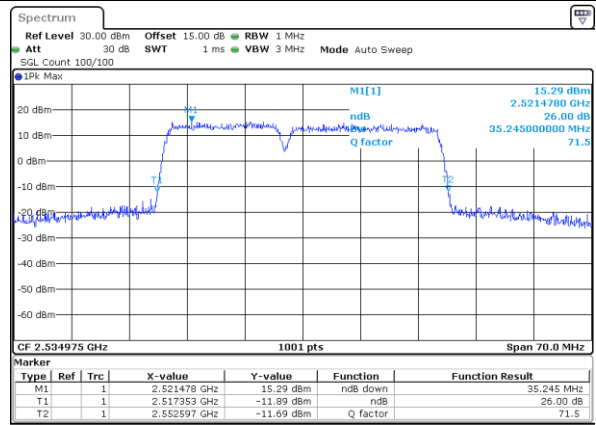
Middle Channel / 15MHz+10MHz



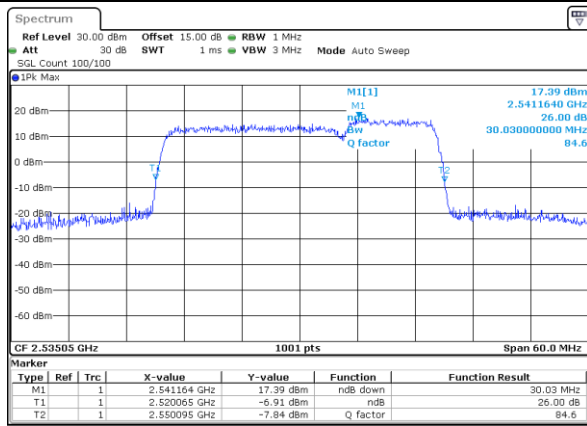
Middle Channel / 15MHz+15MHz



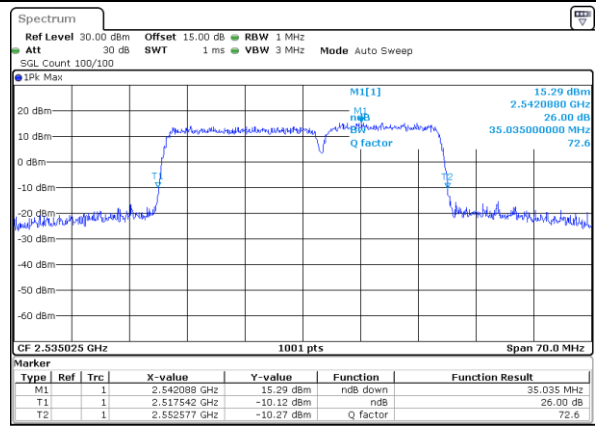
Middle Channel / 15MHz+20MHz

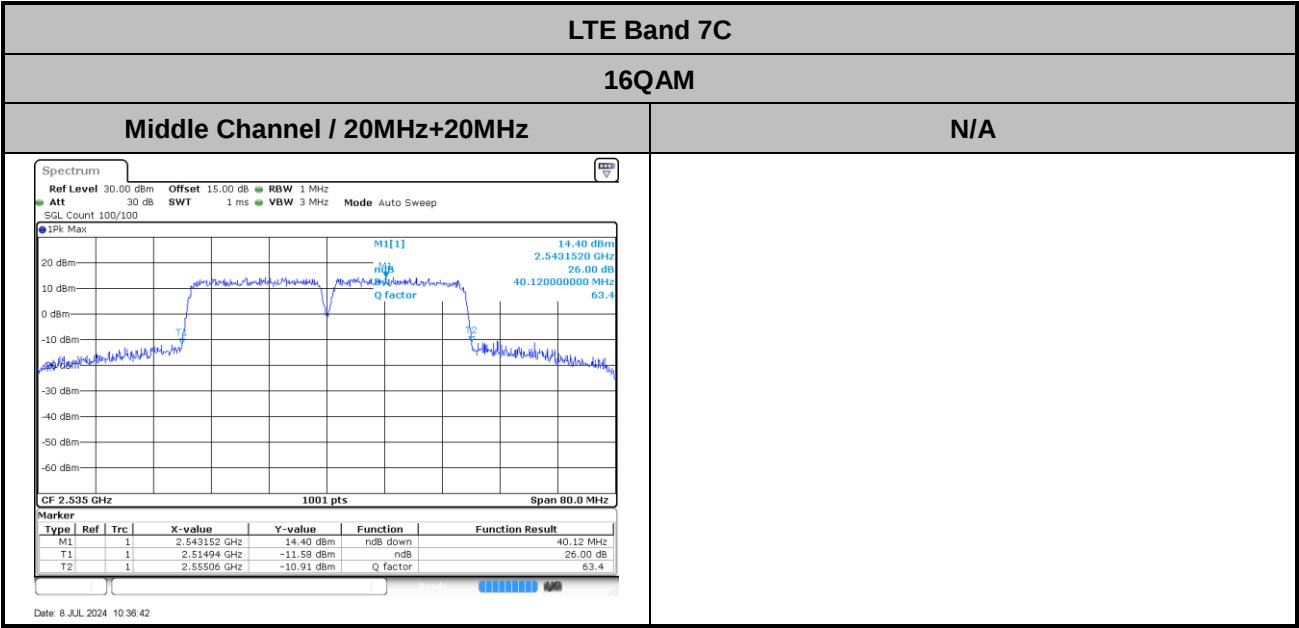


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz





**Occupied Bandwidth**

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.11	23.58	28.77	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.94	37.80	

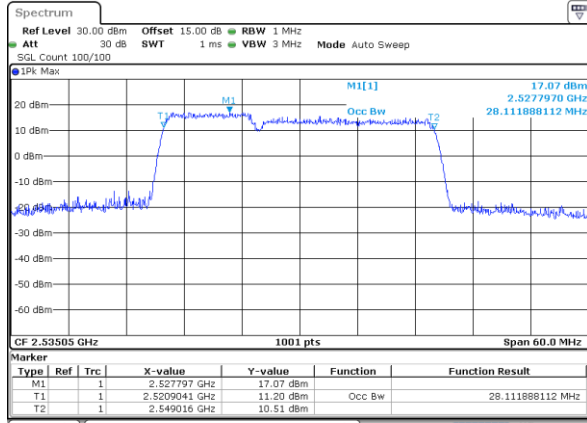
Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.17	23.58	28.71	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.94	37.72	



LTE Band 7C

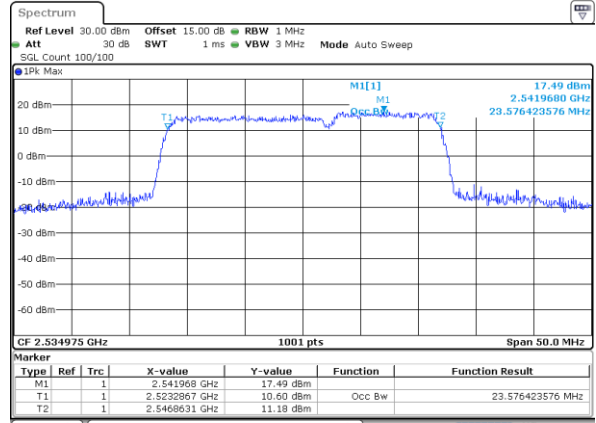
QPSK

Middle Channel / 10MHz+20MHz



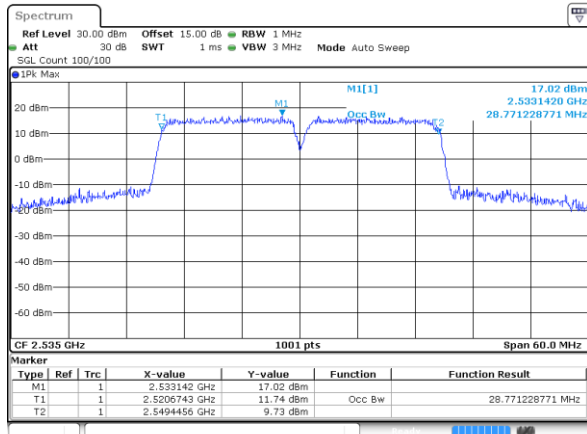
Date: 5 JUL 2024 10:18:37

Middle Channel / 15MHz+10MHz



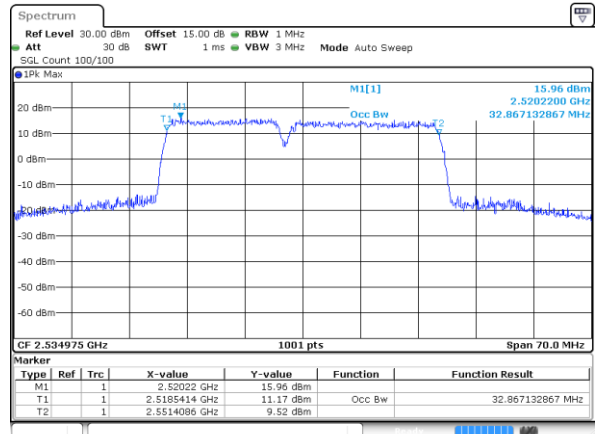
Date: 8 JUL 2024 09:17:06

Middle Channel / 15MHz+15MHz



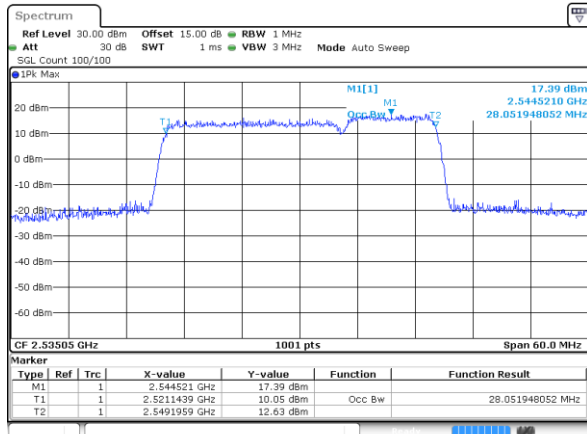
Date: 5 JUL 2024 14:30:41

Middle Channel / 15MHz+20MHz



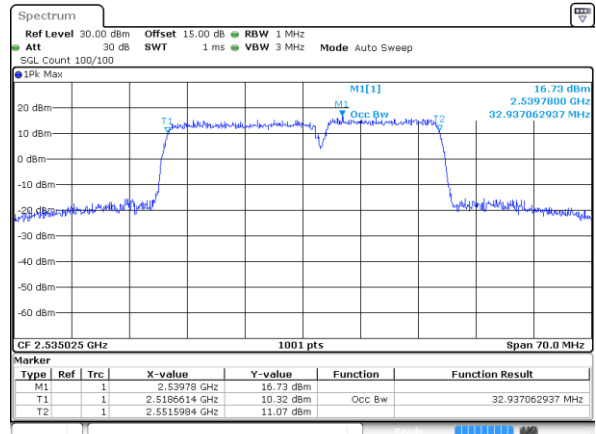
Date: 8 JUL 2024 09:46:18

Middle Channel / 20MHz+10MHz



Date: 5 JUL 2024 11:18:53

Middle Channel / 20MHz+15MHz



Date: 8 JUL 2024 10:13:03

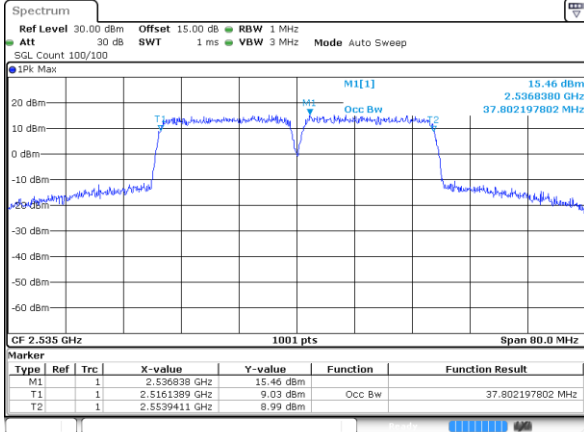


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

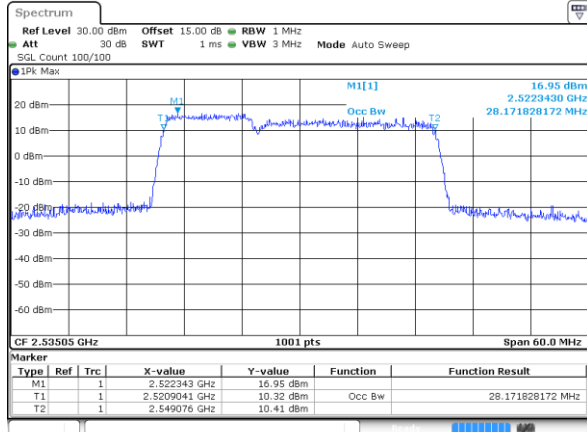




LTE Band 7C

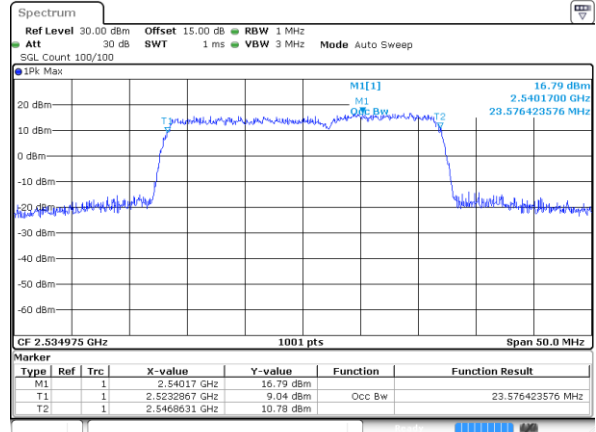
16QAM

Middle Channel / 10MHz+20MHz



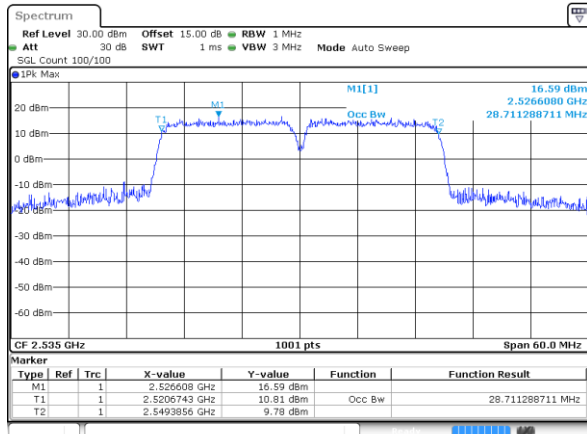
Date: 5 JUL 2024 10:20:12

Middle Channel / 15MHz+10MHz



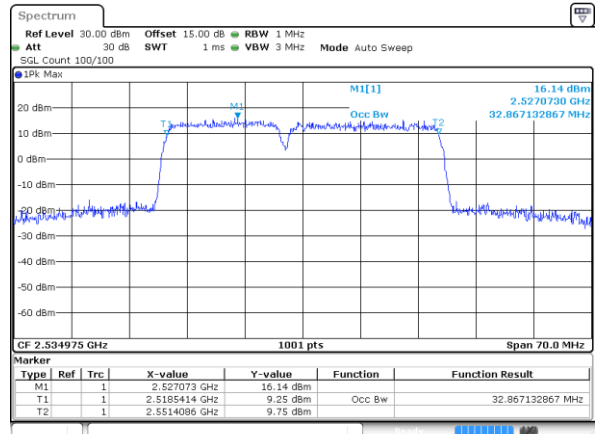
Date: 8 JUL 2024 09:18:34

Middle Channel / 15MHz+15MHz



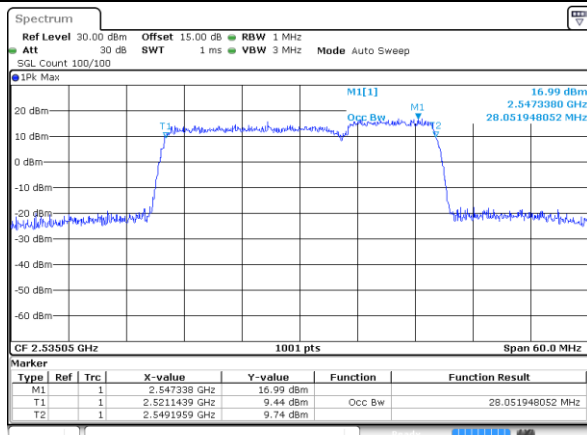
Date: 5 JUL 2024 13:25:23

Middle Channel / 15MHz+20MHz



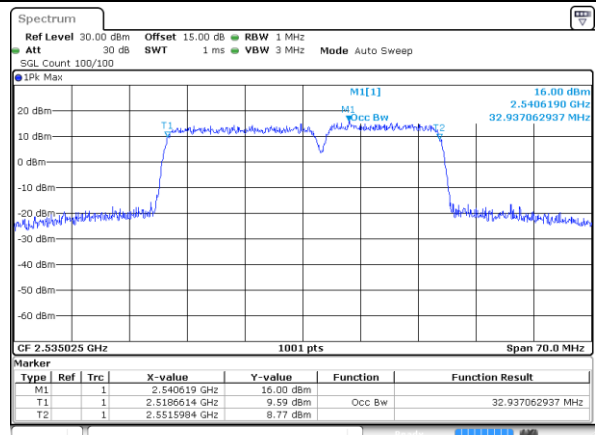
Date: 8 JUL 2024 09:47:46

Middle Channel / 20MHz+10MHz



Date: 5 JUL 2024 11:20:25

Middle Channel / 20MHz+15MHz



Date: 8 JUL 2024 10:14:31

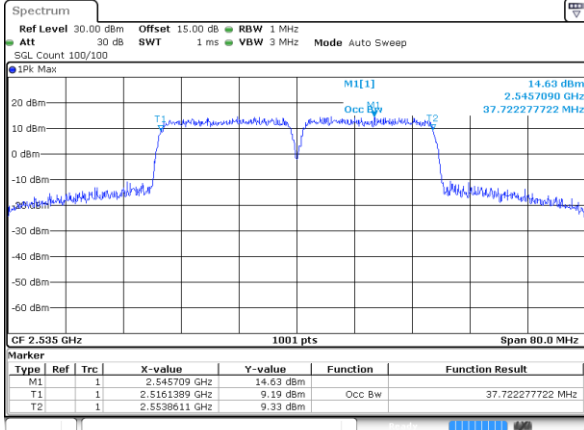


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 8 JUL 2024 10:37:10