

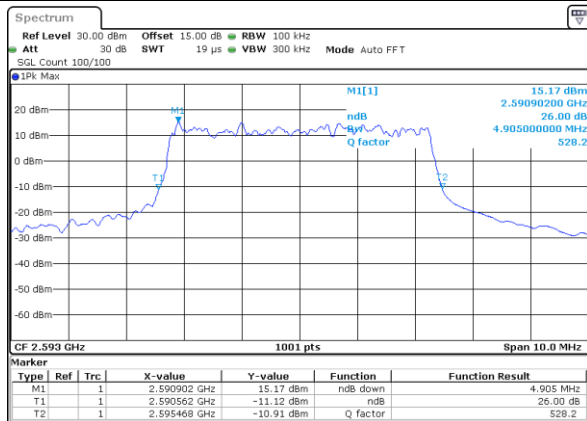


26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.91	4.78	9.71	9.65	14.54	14.42	18.62	19.46

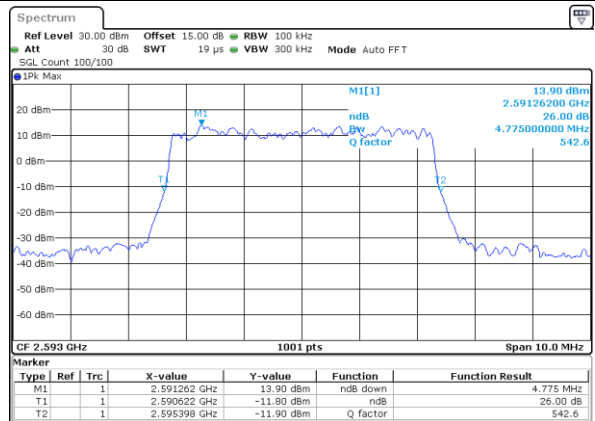
LTE Band 41

Middle Channel / 5MHz / QPSK



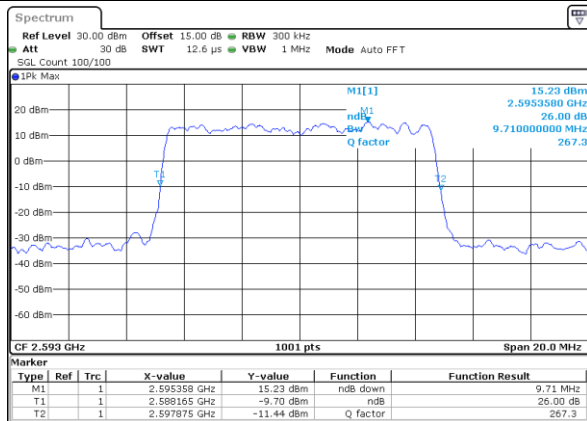
Date: 28 JUN 2024 16:49:53

Middle Channel / 5MHz / 16QAM



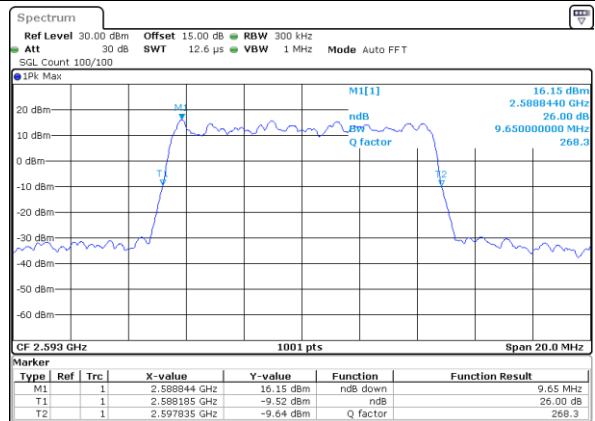
Date: 28 JUN 2024 16:50:34

Middle Channel / 10MHz / QPSK



Date: 28 JUN 2024 17:08:05

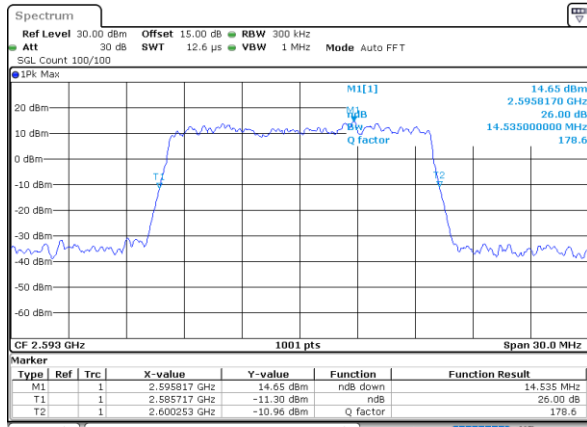
Middle Channel / 10MHz / 16QAM



Date: 28 JUN 2024 17:08:48

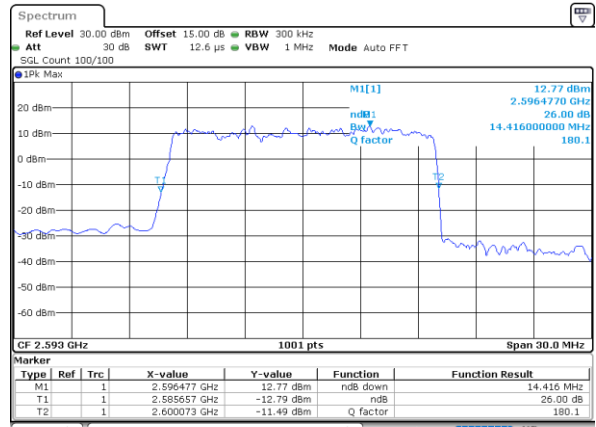


Middle Channel / 15MHz / QPSK



Date: 28 JUN 2024 17:26:03

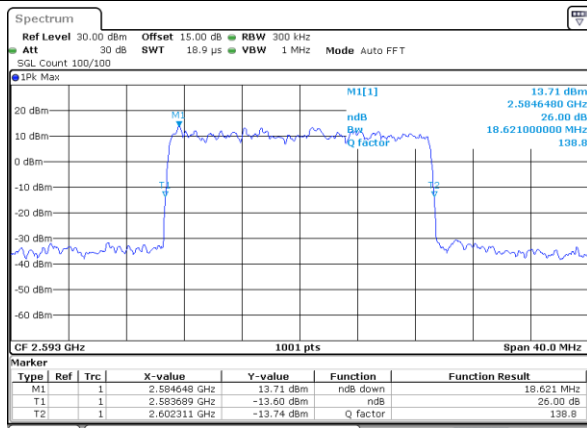
Middle Channel / 15MHz / 16QAM



Date: 28 JUN 2024 17:26:45

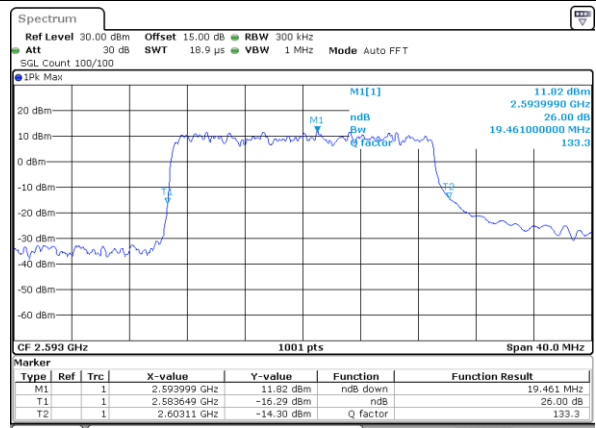
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 28 JUN 2024 17:49:37

Middle Channel / 20MHz / 16QAM



Date: 28 JUN 2024 17:50:20

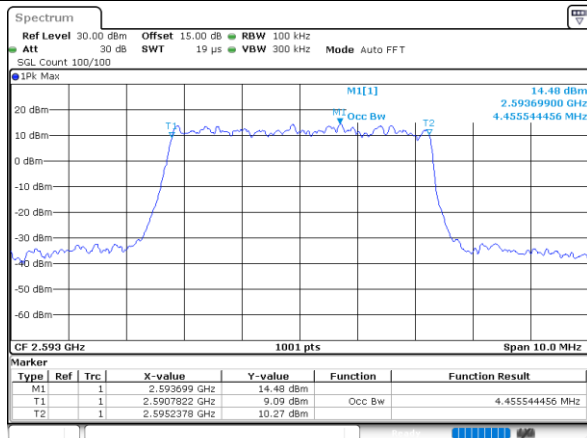


Occupied Bandwidth

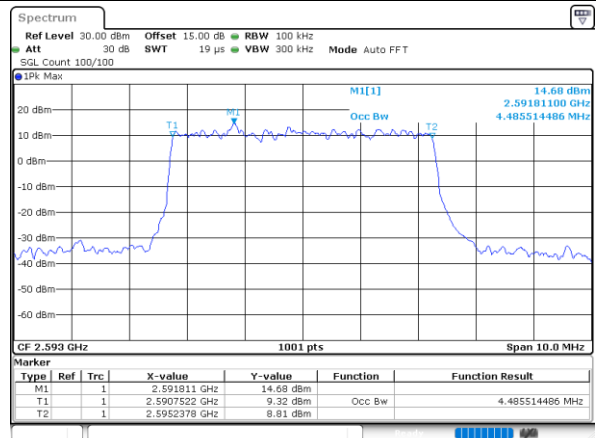
Mode	LTE Band 41 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.46	4.49	9.15	8.97	13.37	13.37	17.90	17.82

LTE Band 41

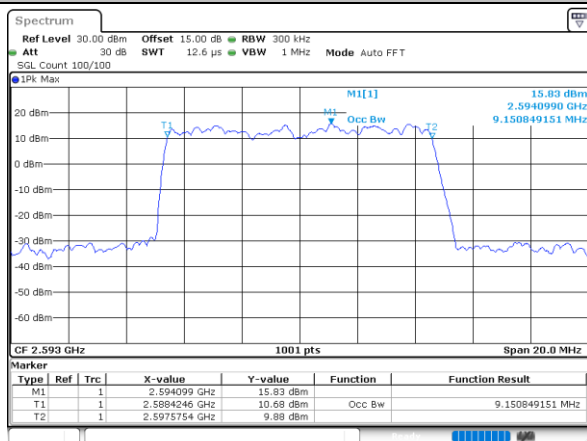
Middle Channel / 5MHz / QPSK



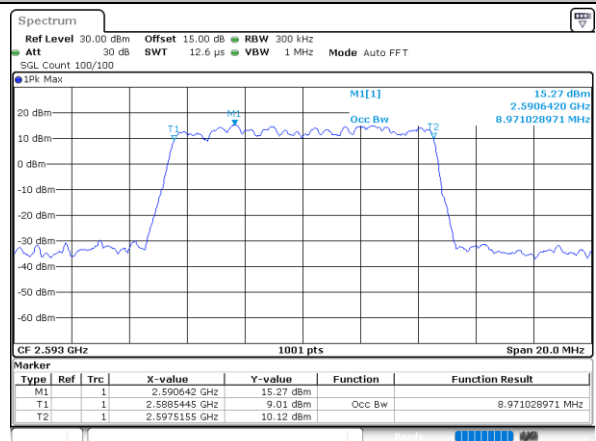
Middle Channel / 5MHz / 16QAM



Middle Channel / 10MHz / QPSK

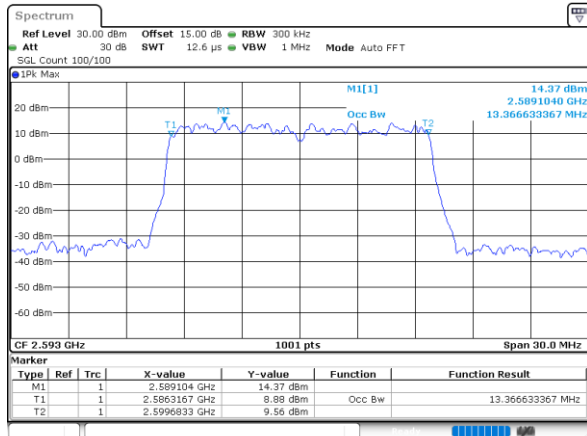


Middle Channel / 10MHz / 16QAM



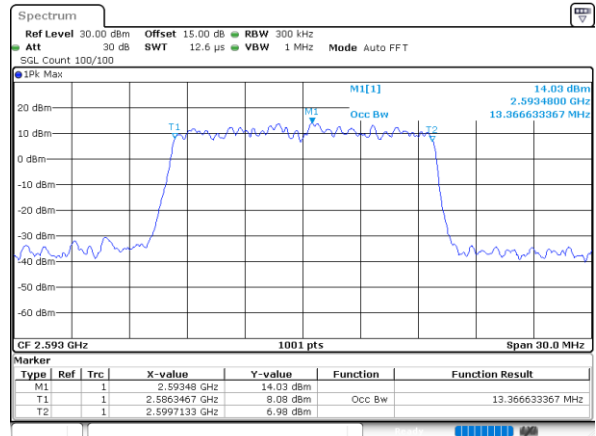


Middle Channel / 15MHz / QPSK



Date: 28 JUN 2024 17:25:49

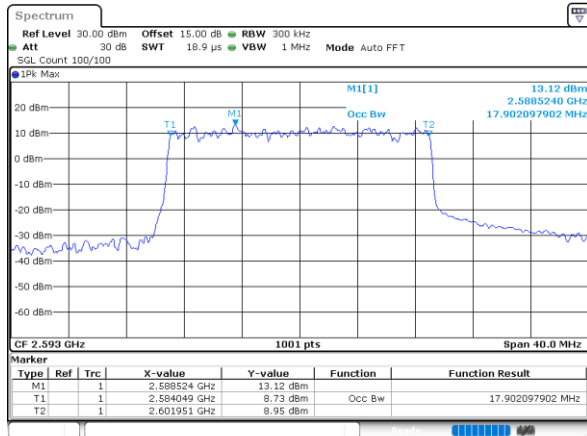
Middle Channel / 15MHz / 16QAM



Date: 28 JUN 2024 17:26:31

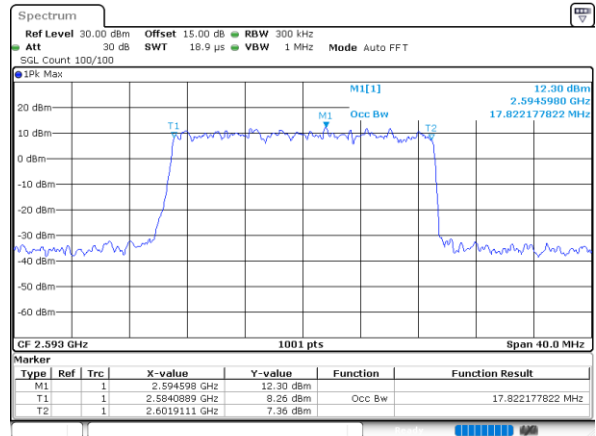
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 28 JUN 2024 17:49:23

Middle Channel / 20MHz / 16QAM



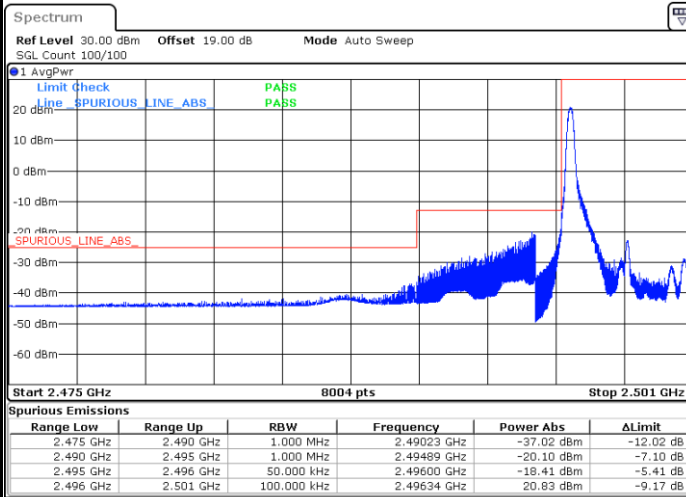
Date: 28 JUN 2024 17:50:06



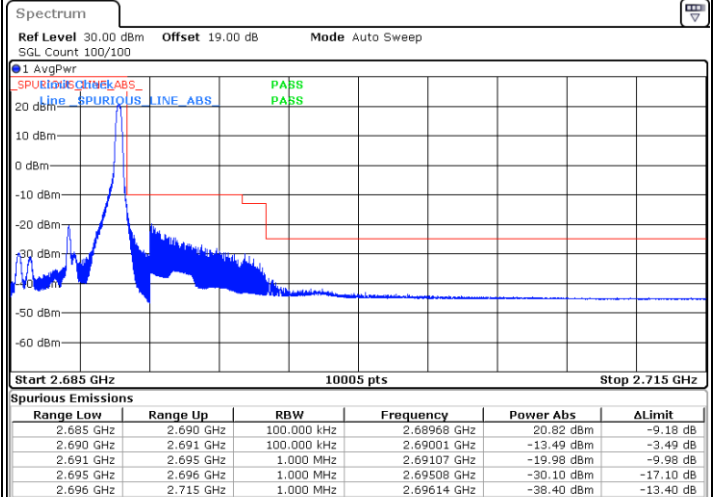
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

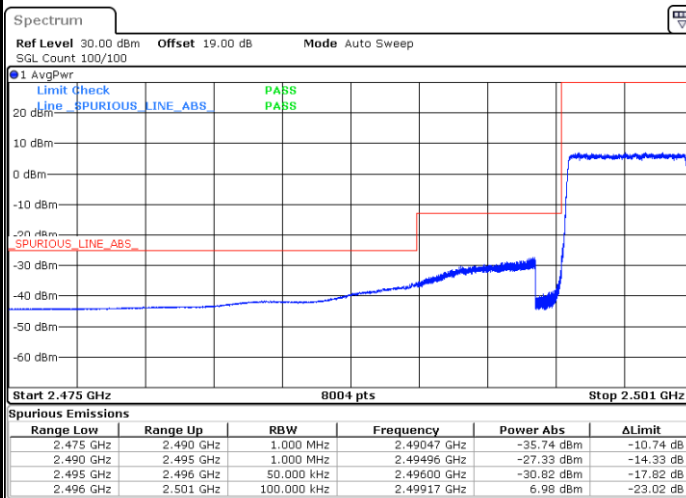
Lowest Band Edge / 1 RB



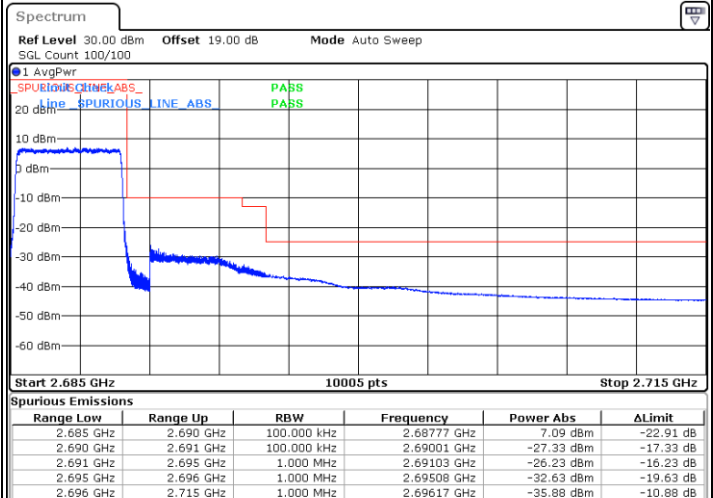
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



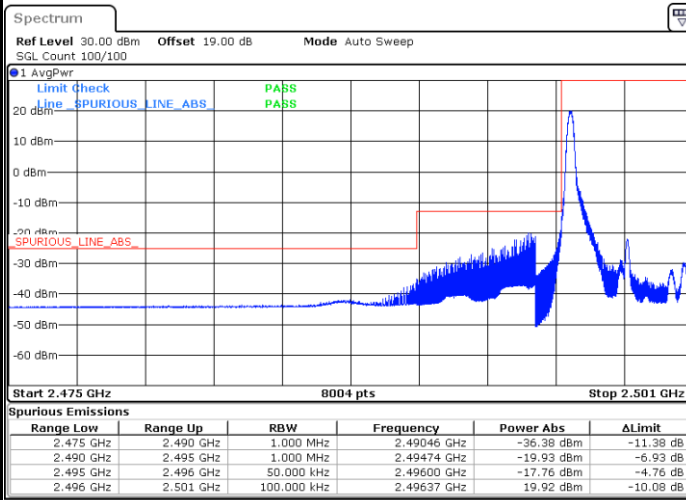
Highest Band Edge / Full RB



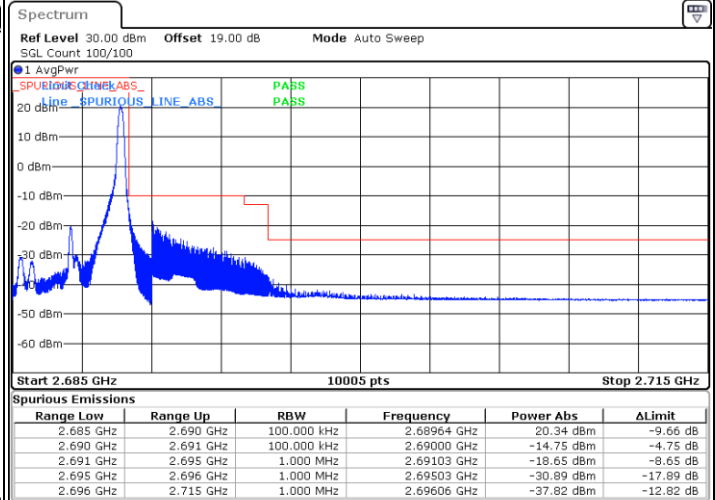


LTE Band 41 / 5MHz / 16QAM

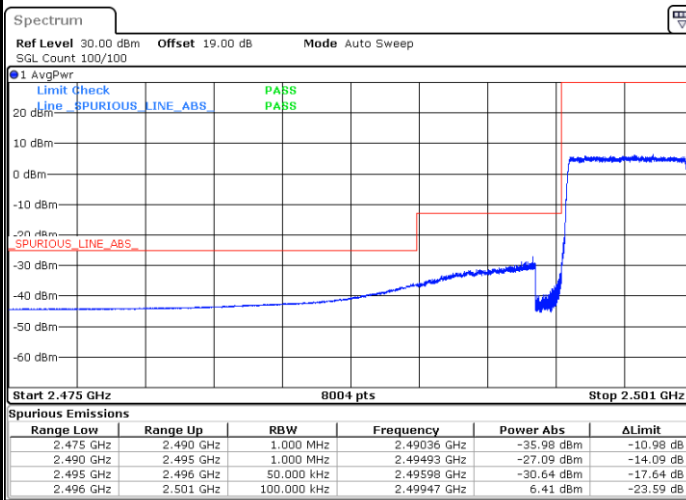
Lowest Band Edge / 1RB



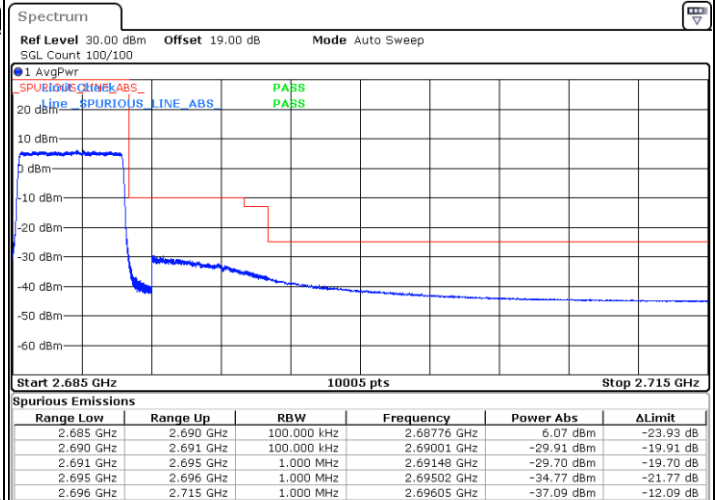
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



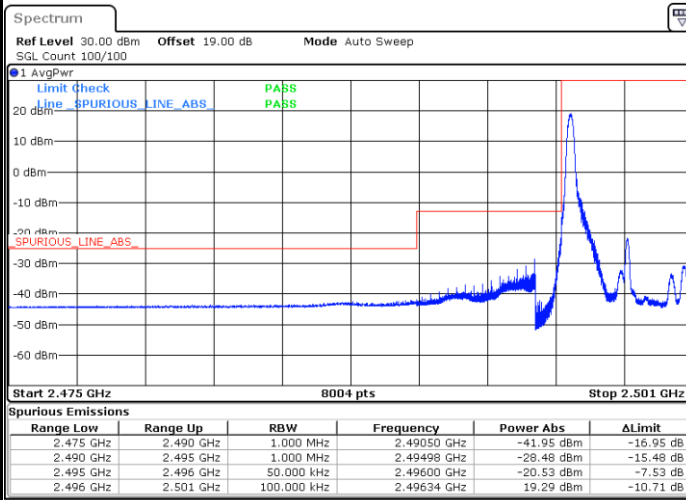
Highest Band Edge / Full RB



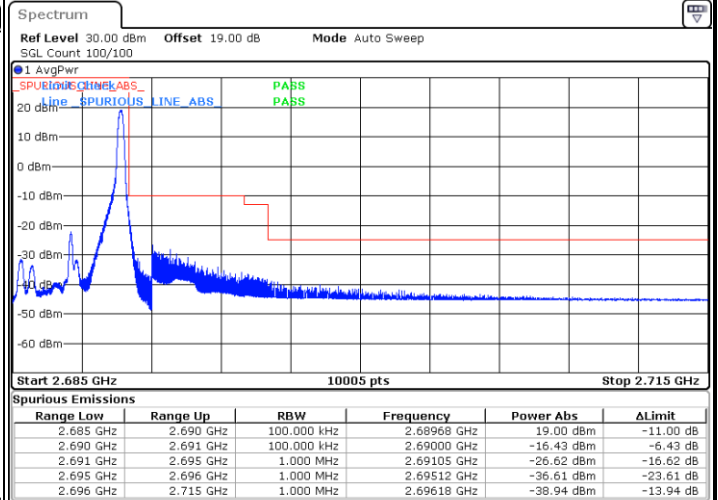


LTE Band 41 / 5MHz / 64QAM

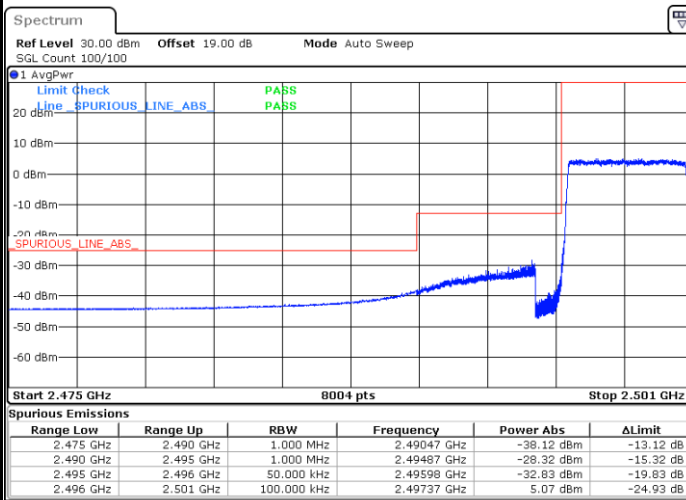
Lowest Band Edge / 1RB



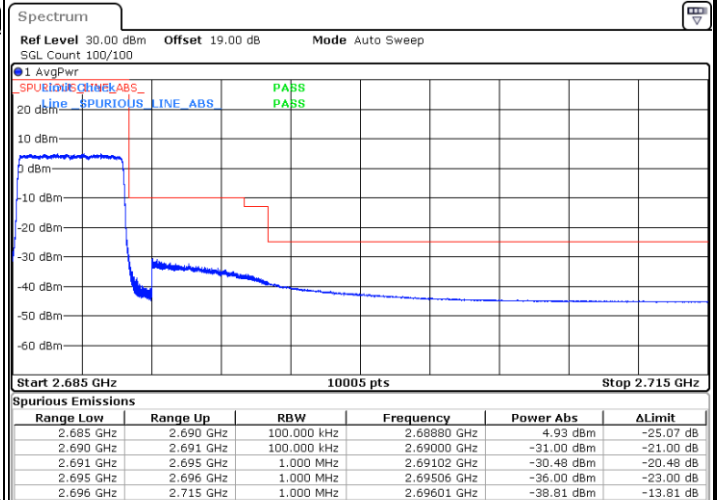
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



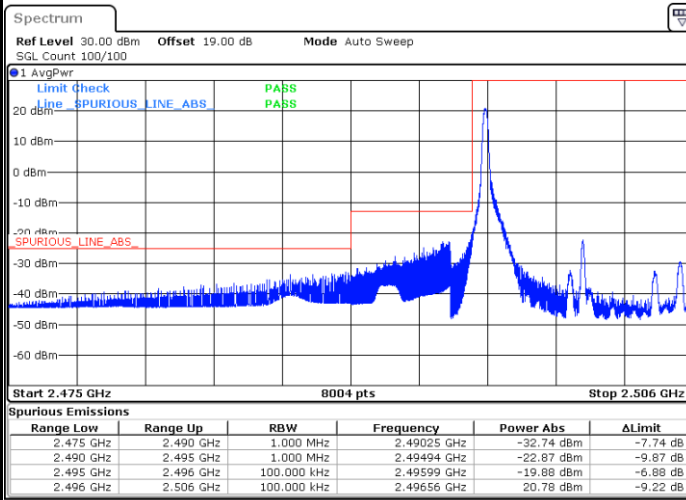
Highest Band Edge / Full RB



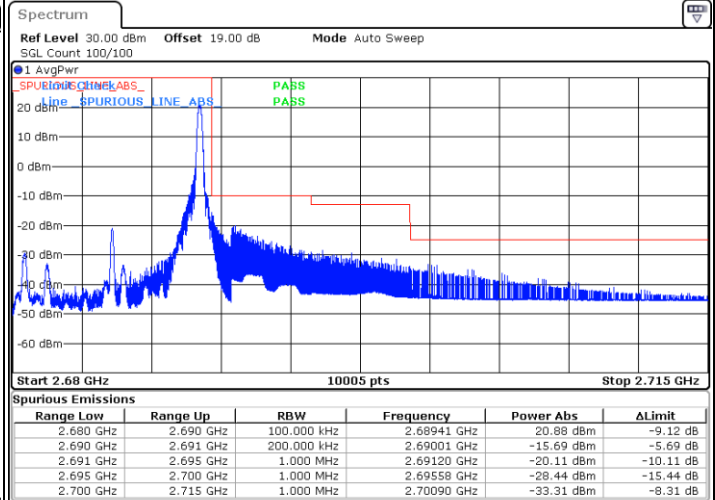


LTE Band 41 / 10MHz / QPSK

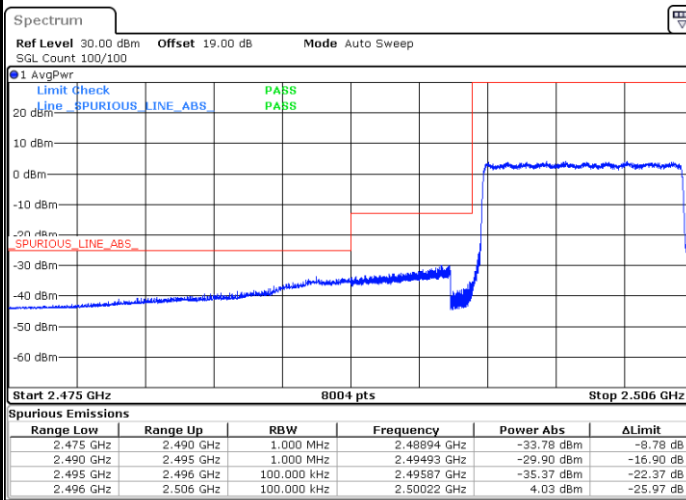
Lowest Band Edge / 1 RB



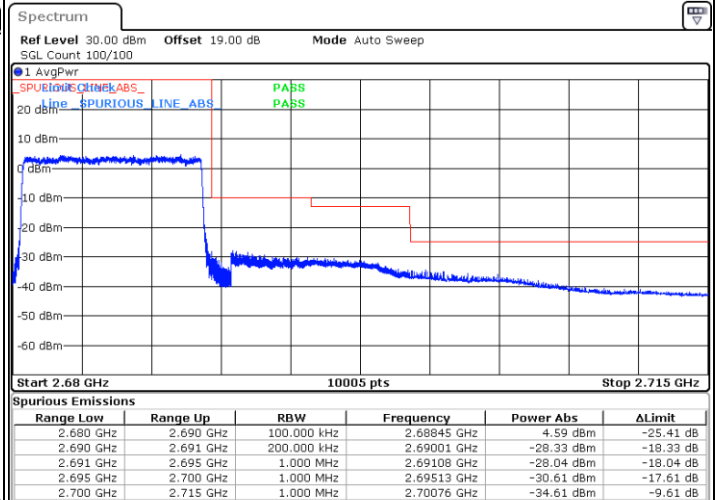
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



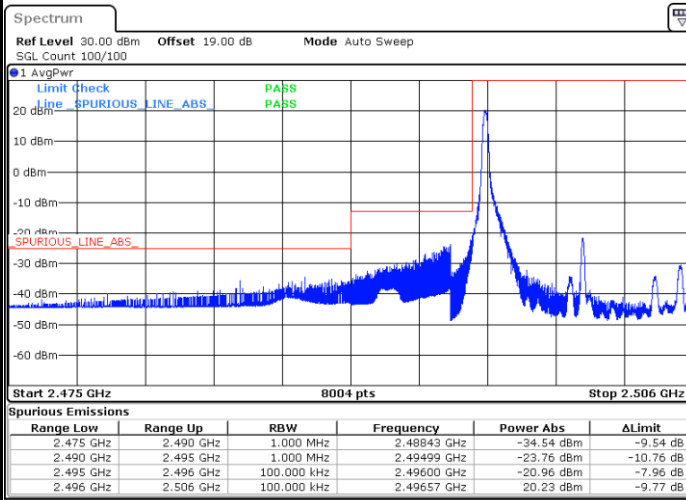
Highest Band Edge / Full RB



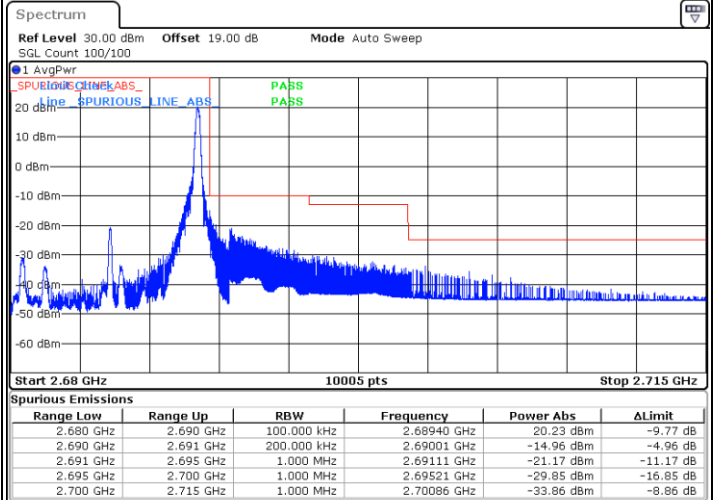


LTE Band 41 / 10MHz / 16QAM

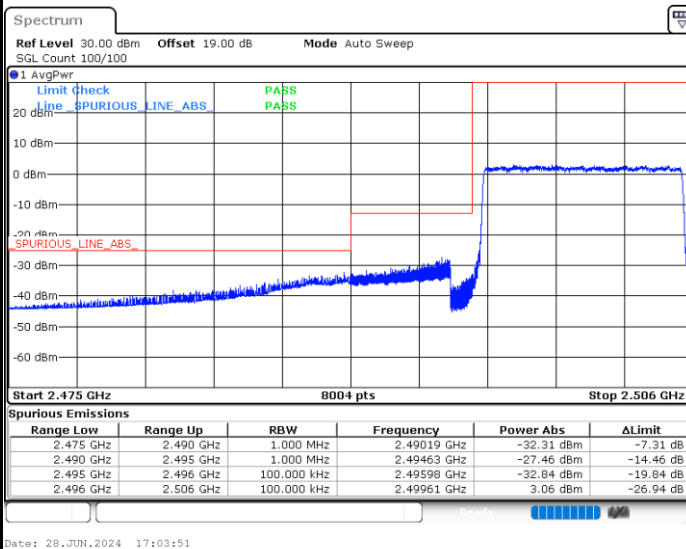
Lowest Band Edge / 1RB



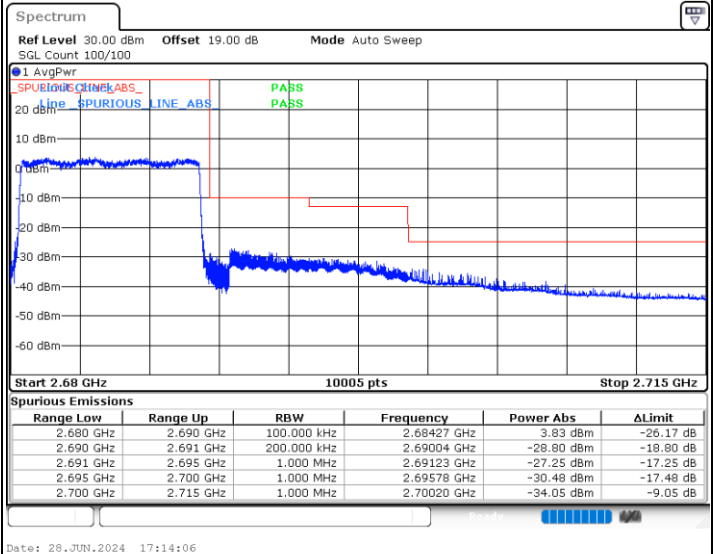
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



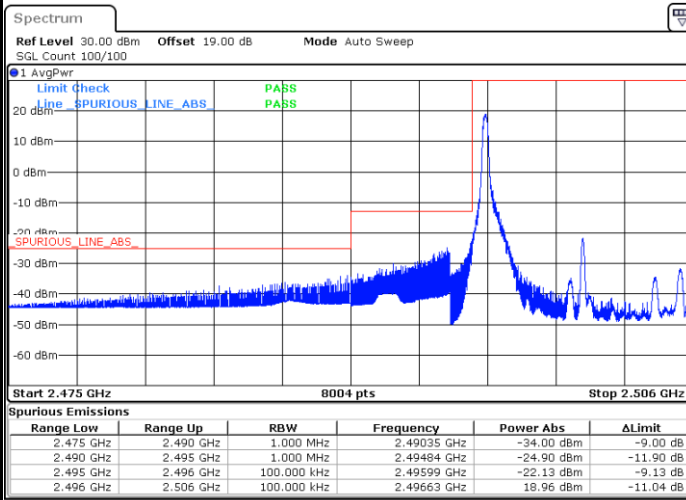
Highest Band Edge / Full RB



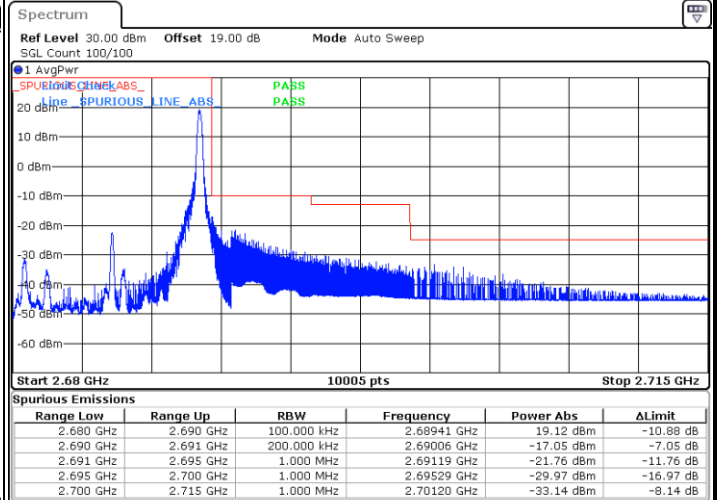


LTE Band 41 / 10MHz / 64QAM

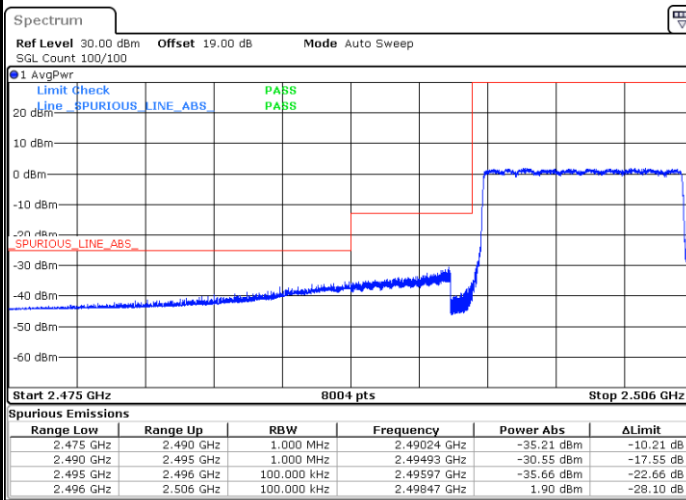
Lowest Band Edge / 1RB



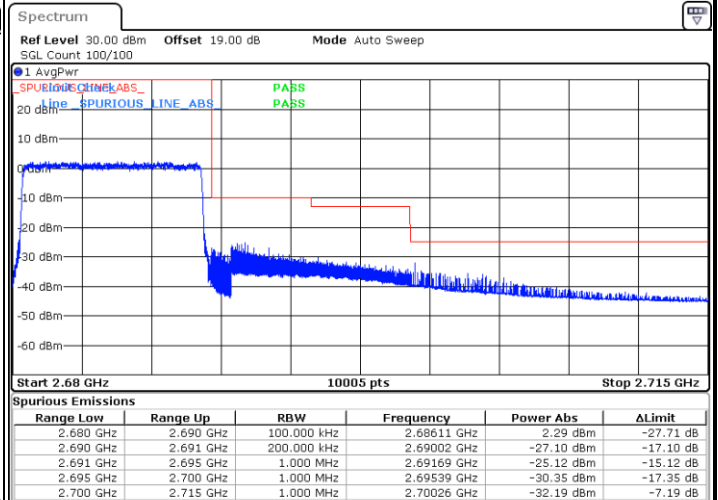
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



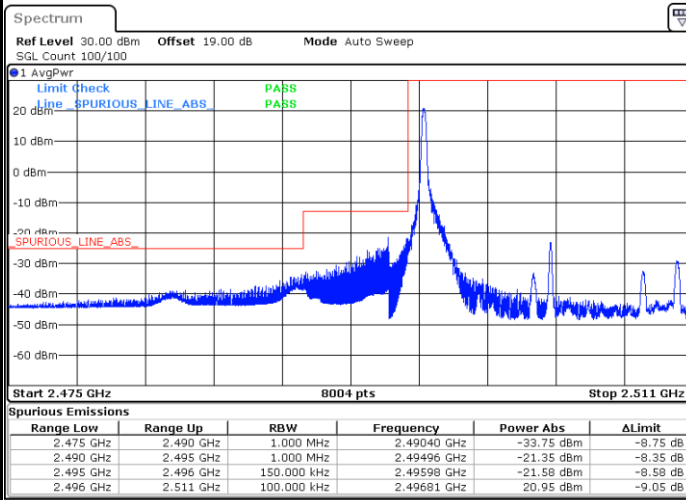
Highest Band Edge / Full RB



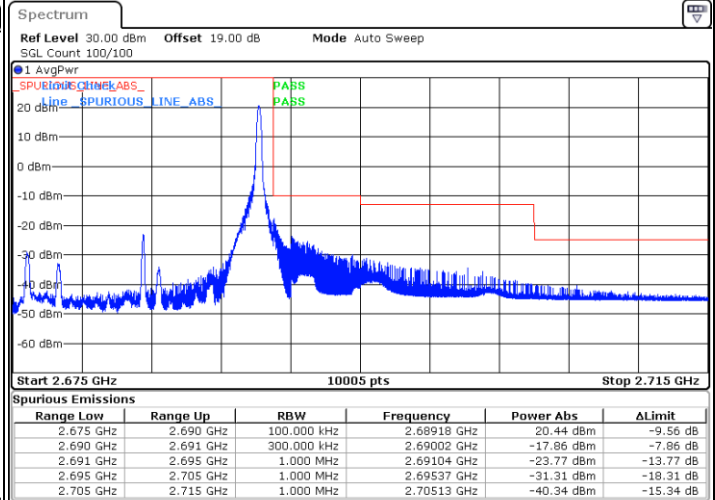


LTE Band 41 / 15MHz / QPSK

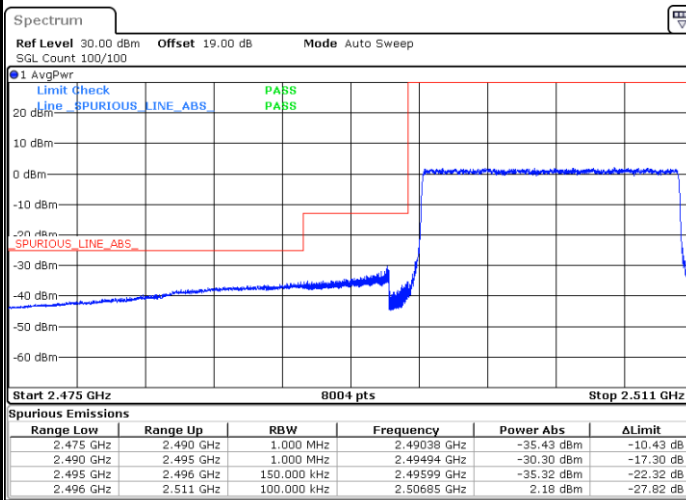
Lowest Band Edge / 1 RB



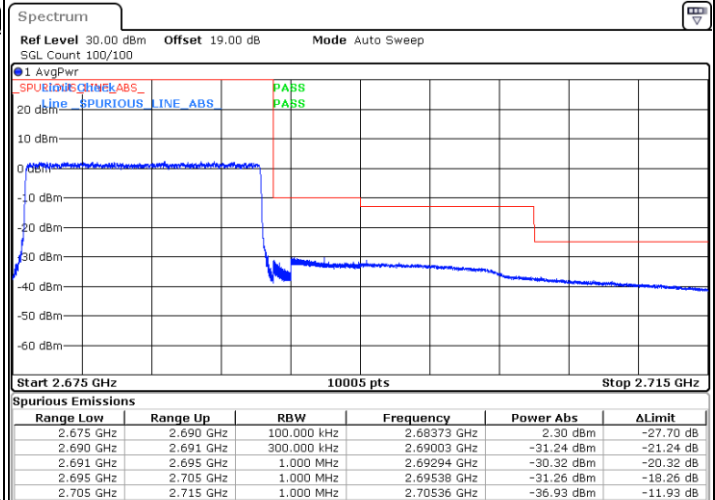
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



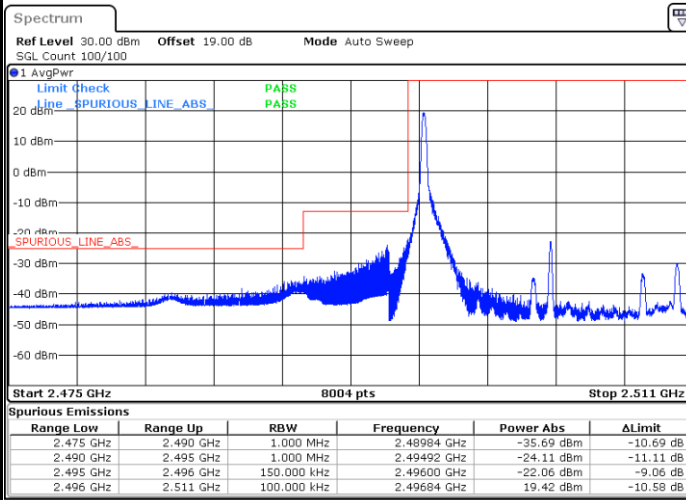
Highest Band Edge / Full RB



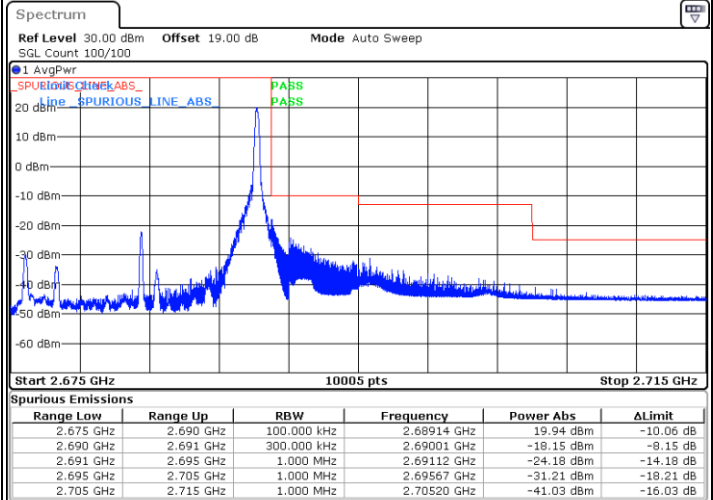


LTE Band 41 / 15MHz / 16QAM

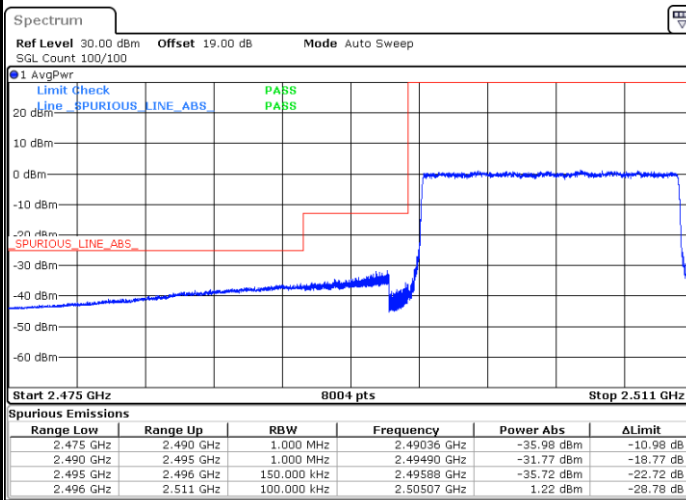
Lowest Band Edge / 1RB



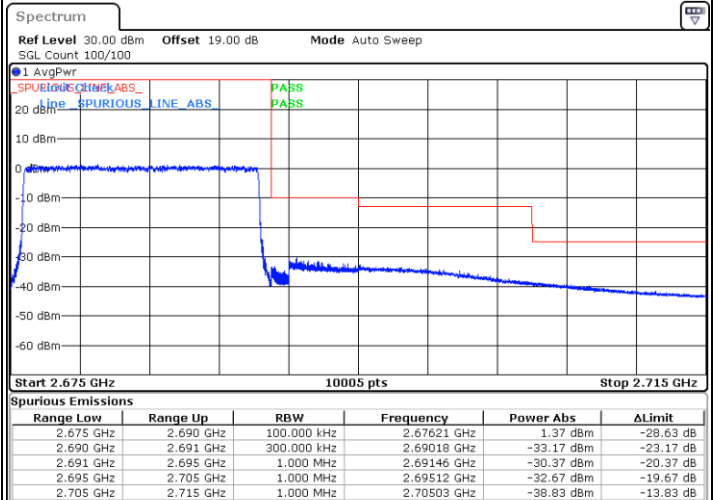
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



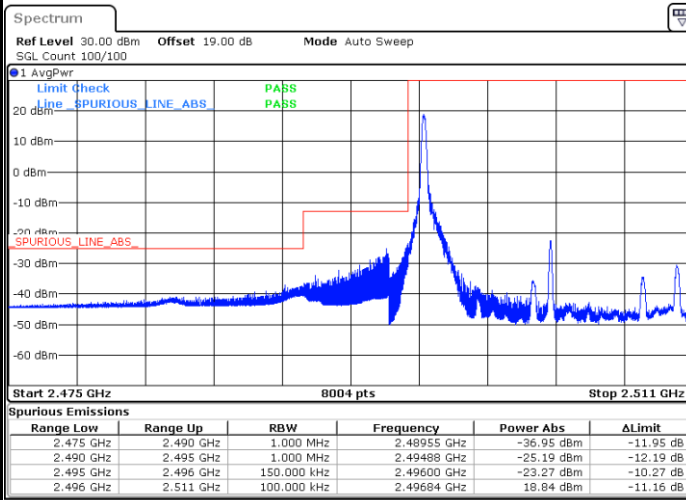
Highest Band Edge / Full RB



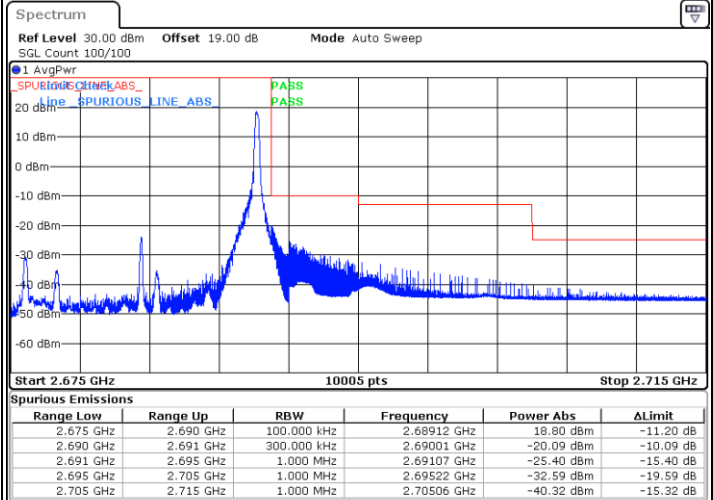


LTE Band 41 / 15MHz / 64QAM

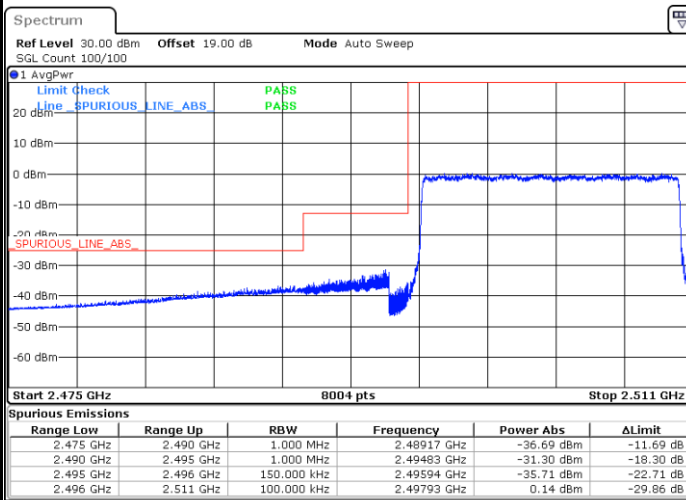
Lowest Band Edge / 1RB



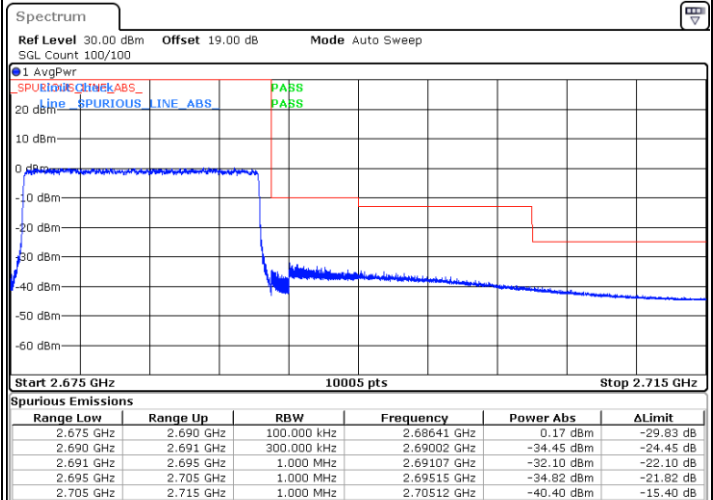
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



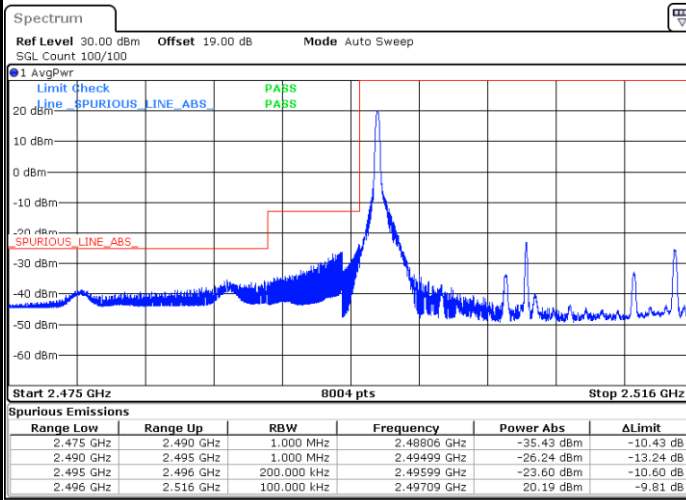
Highest Band Edge / Full RB



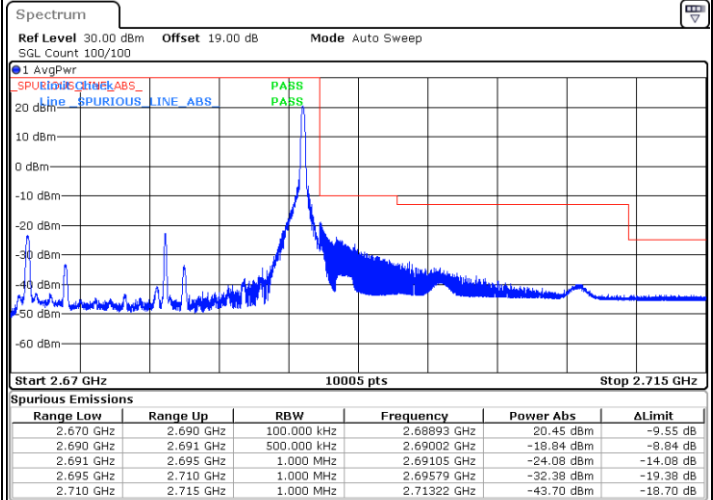


LTE Band 41 / 20MHz / QPSK

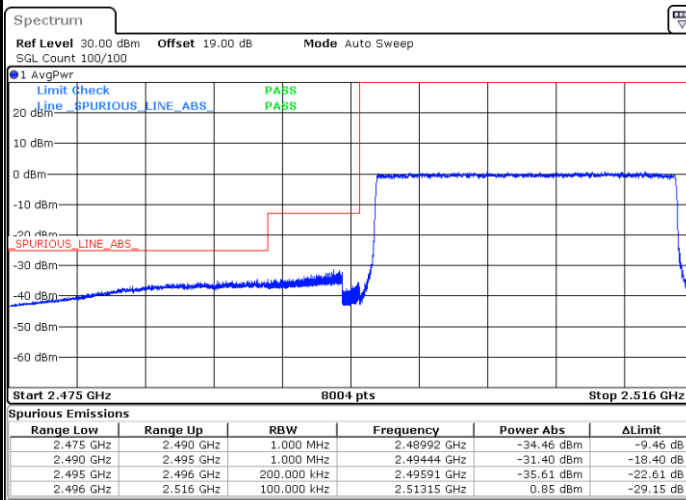
Lowest Band Edge / 1 RB



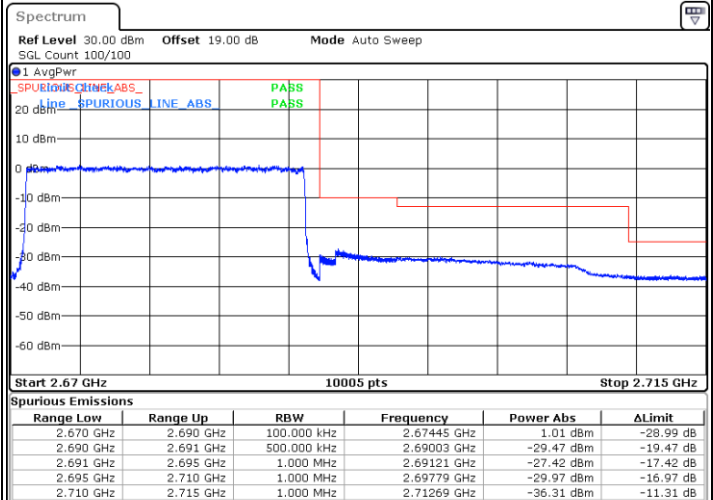
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



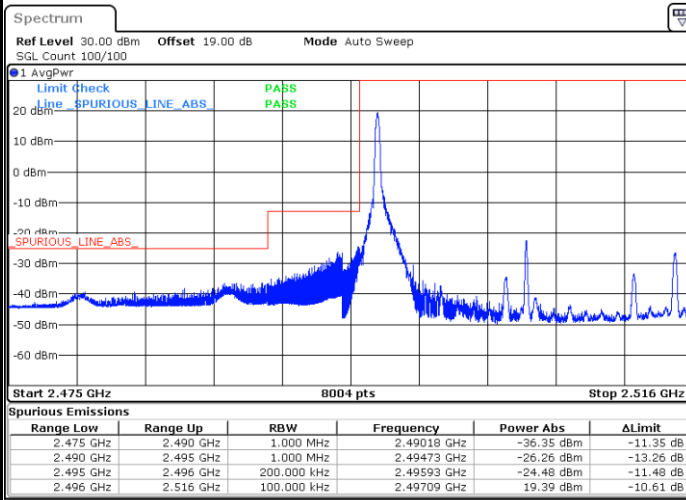
Highest Band Edge / Full RB



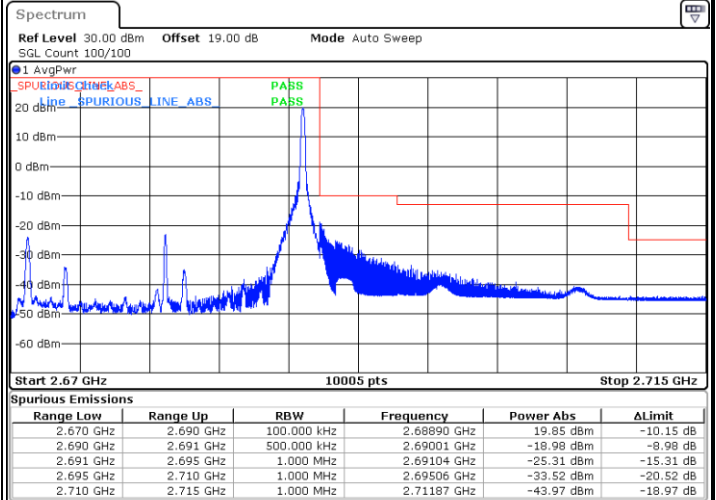


LTE Band 41 / 20MHz / 16QAM

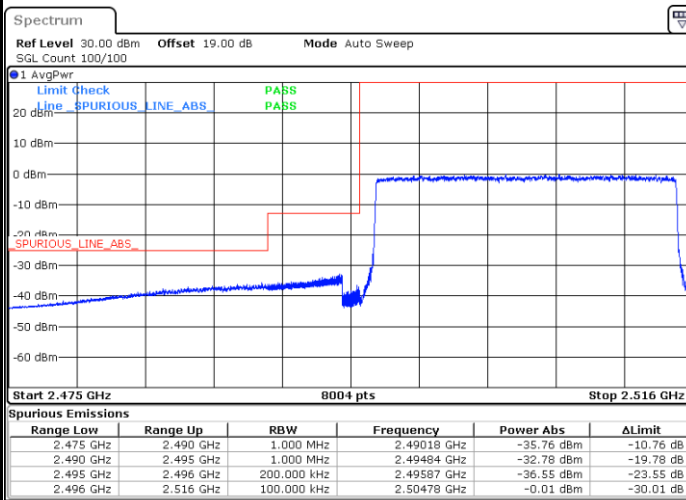
Lowest Band Edge / 1RB



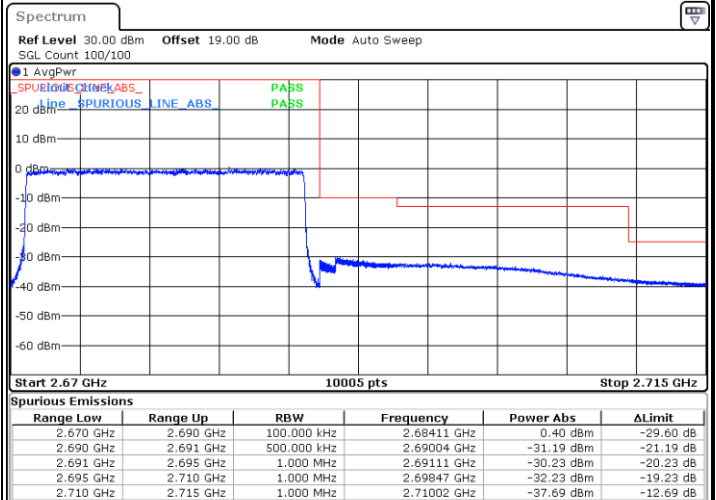
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



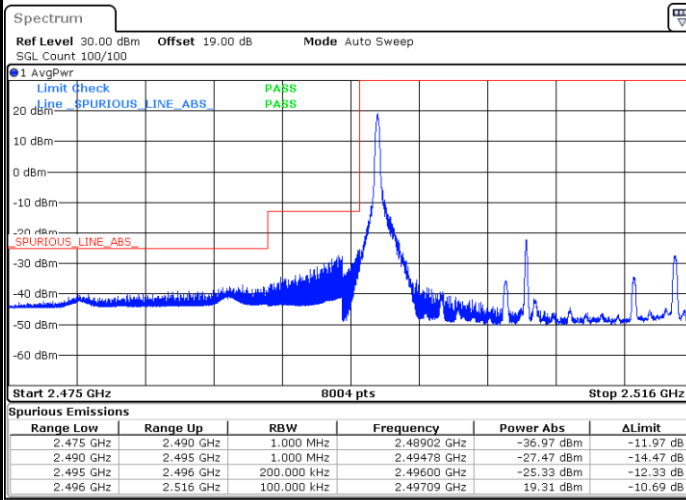
Highest Band Edge / Full RB



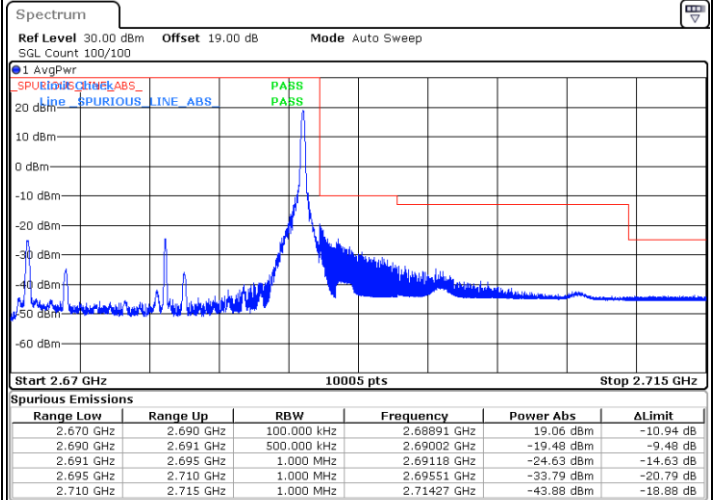


LTE Band 41 / 20MHz / 64QAM

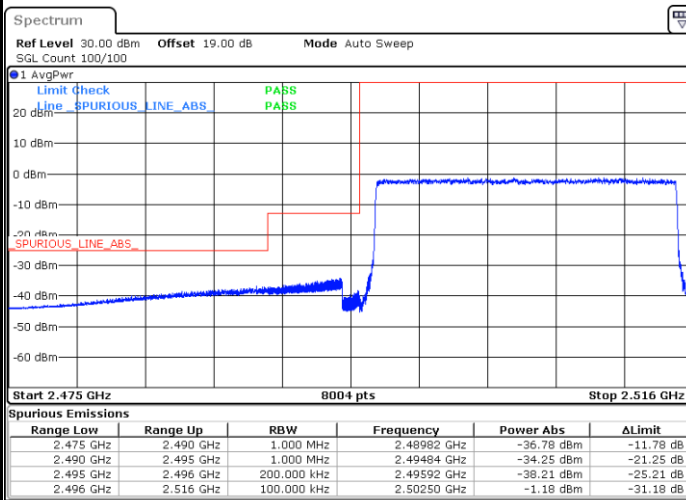
Lowest Band Edge / 1RB



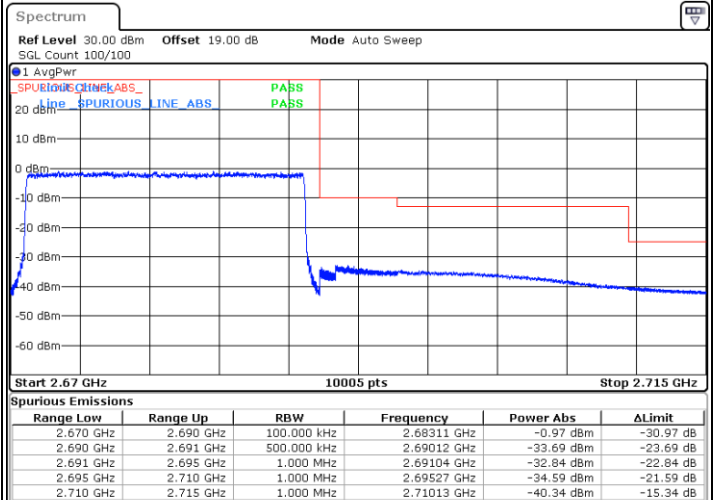
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

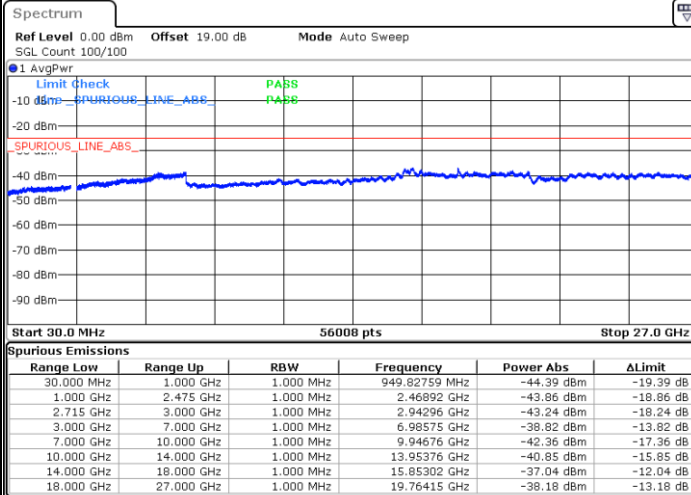




Conducted Spurious Emission

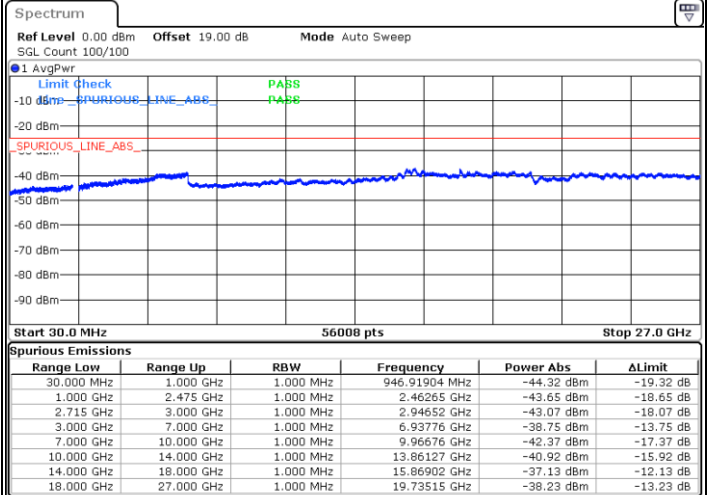
LTE Band 41 / 5MHz

Lowest Channel / QPSK



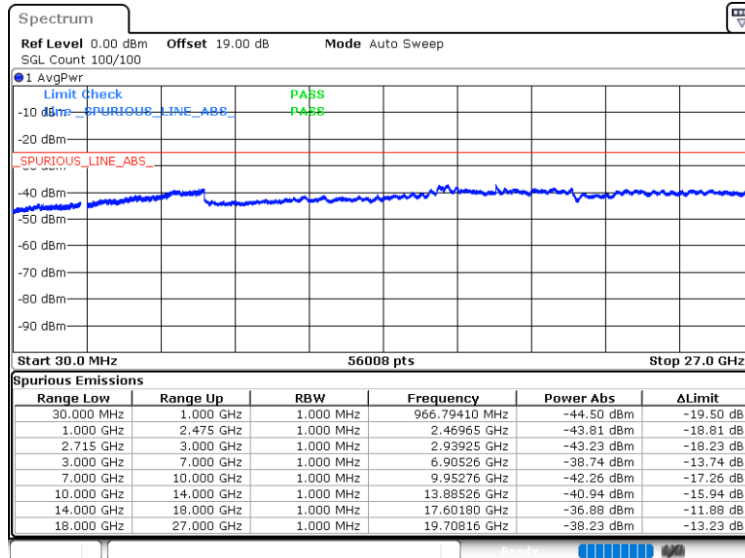
Date: 28.JUN.2024 16:47:55

Middle Channel / QPSK



Date: 28.JUN.2024 16:49:08

Highest Channel / QPSK

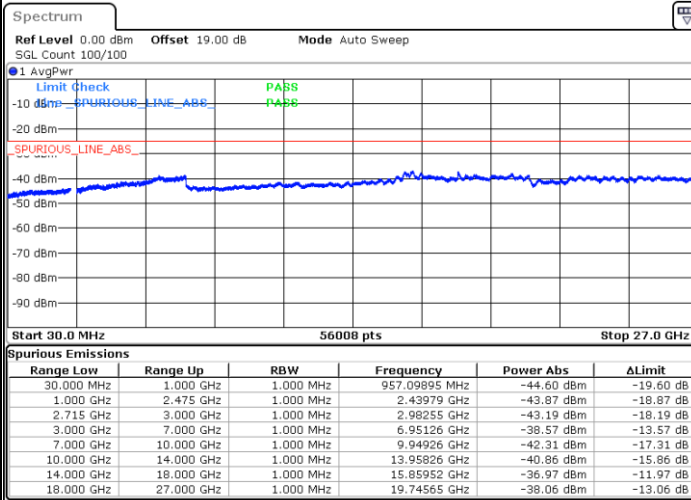


Date: 28.JUN.2024 16:58:26



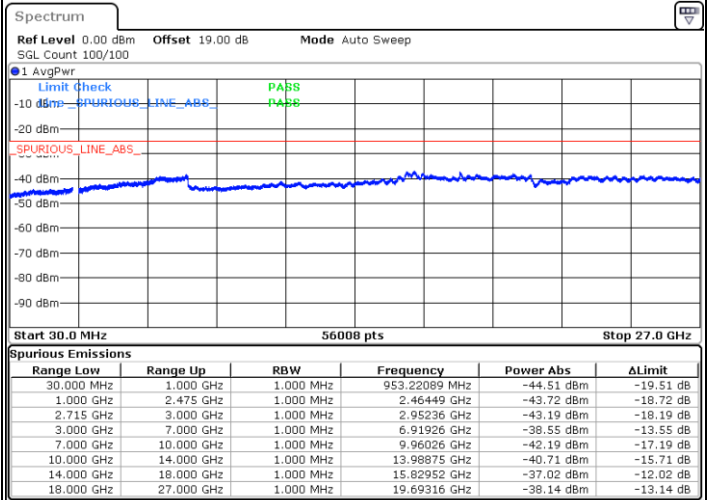
LTE Band 41 / 10MHz

Lowest Channel / QPSK



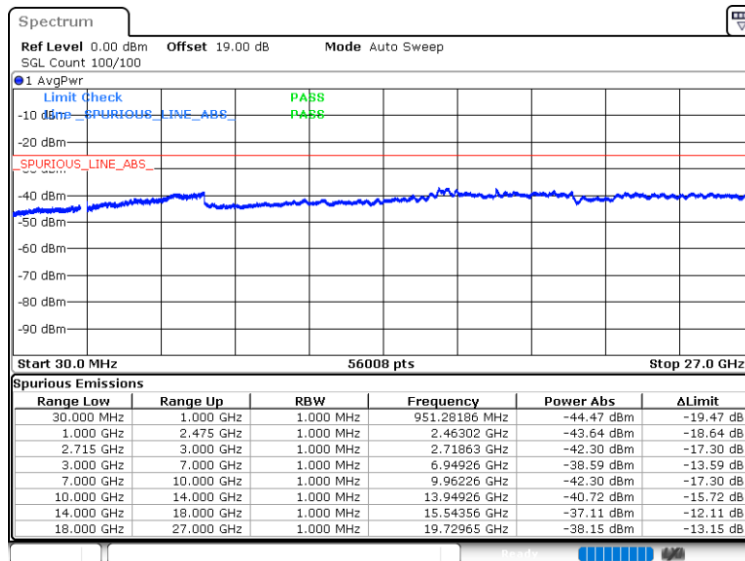
Date: 28.JUN.2024 17:06:09

Middle Channel / QPSK



Date: 28.JUN.2024 17:07:22

Highest Channel / QPSK



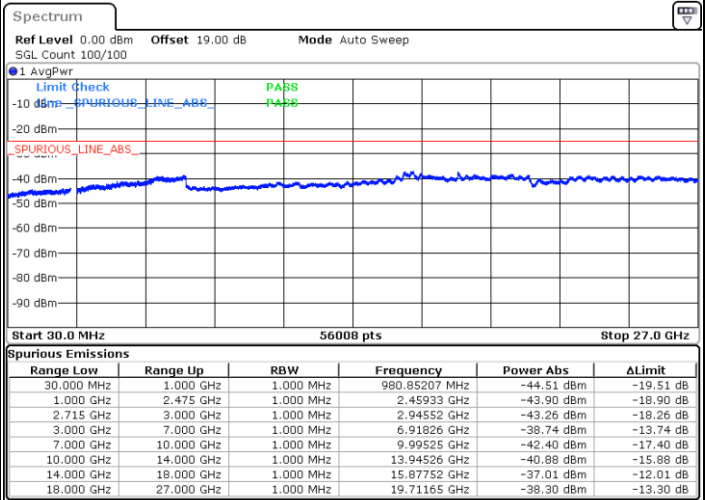
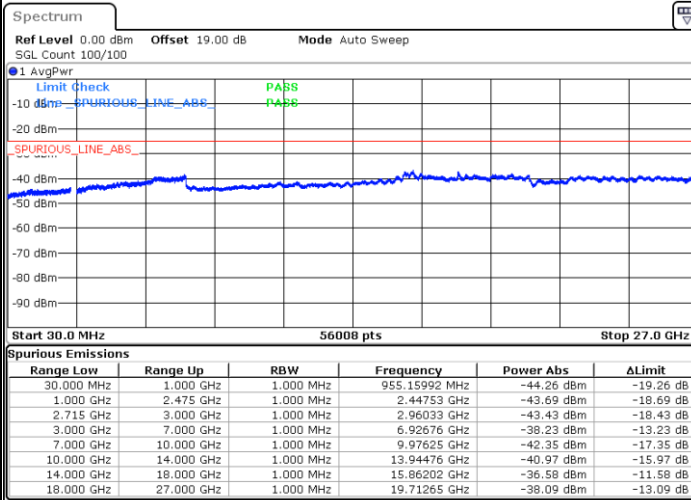
Date: 28.JUN.2024 17:16:23



LTE Band 41 / 15MHz

Lowest Channel / QPSK

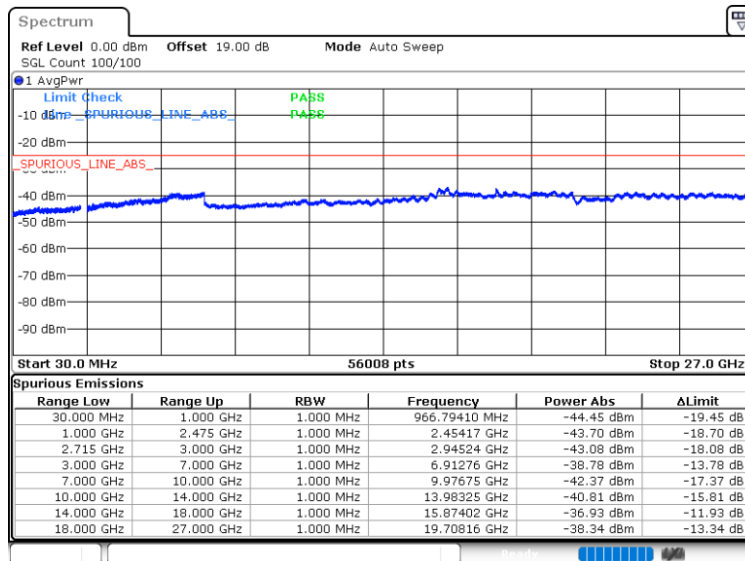
Middle Channel / QPSK



Date: 28.JUN.2024 17:24:06

Date: 28.JUN.2024 17:25:19

Highest Channel / QPSK



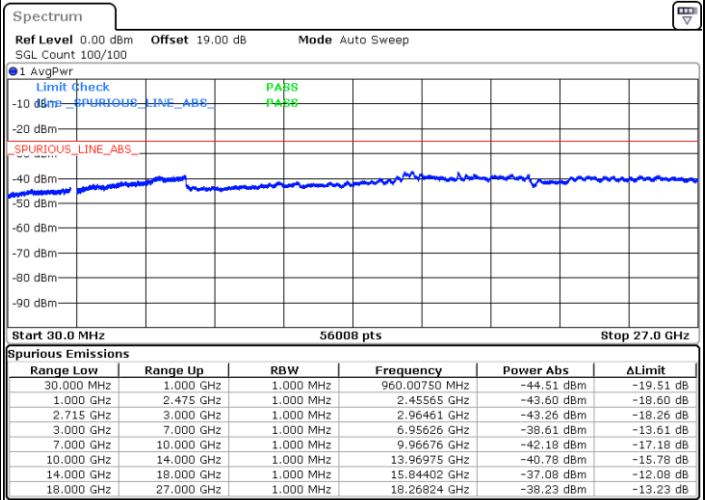
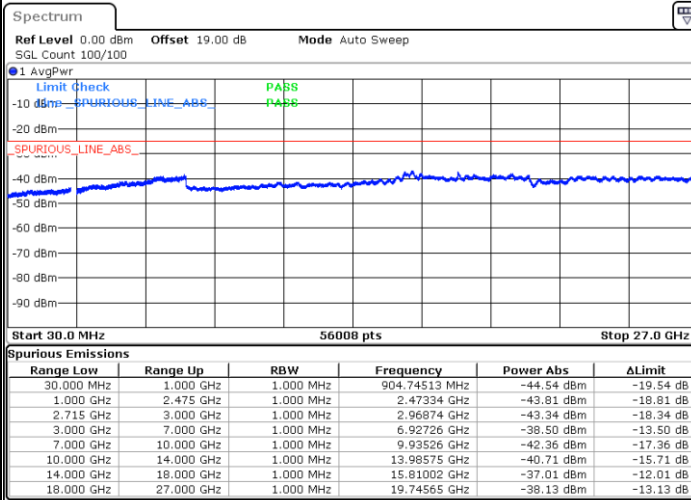
Date: 28.JUN.2024 17:34:21



LTE Band 41 / 20MHz

Lowest Channel / QPSK

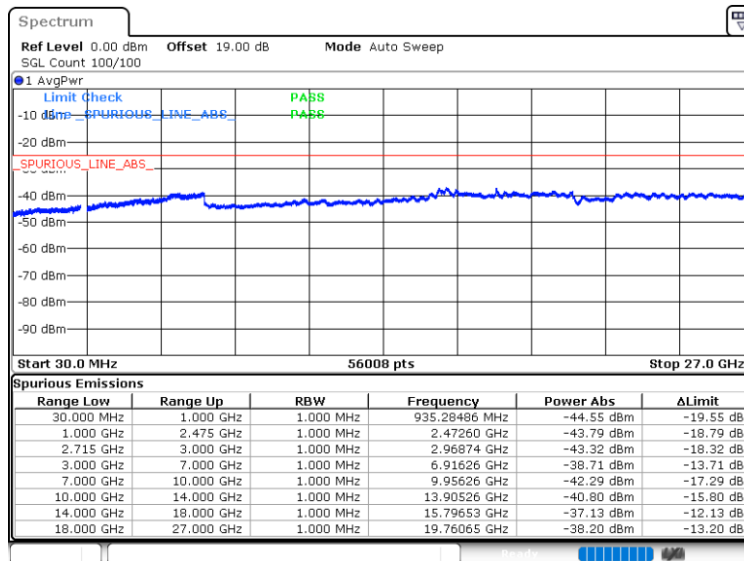
Middle Channel / QPSK



Date: 28.JUN.2024 17:47:41

Date: 28.JUN.2024 17:48:54

Highest Channel / QPSK



Date: 28.JUN.2024 17:59:25

**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	0.0007	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0030	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0012	

Note:

1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.14 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.09	25.03	30.45	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	35.04	39.80	

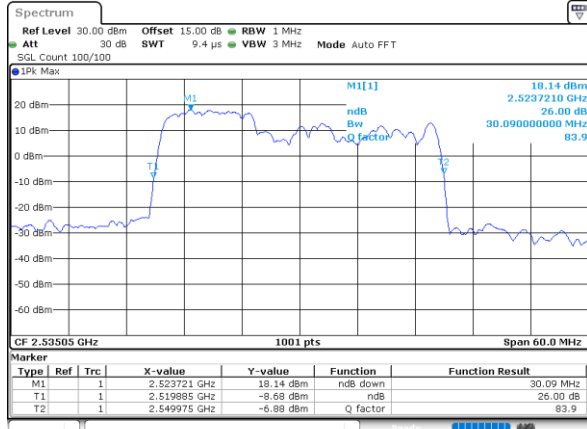
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.61	25.13	30.69	34.83
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.91	35.04	39.72	



LTE Band 7C

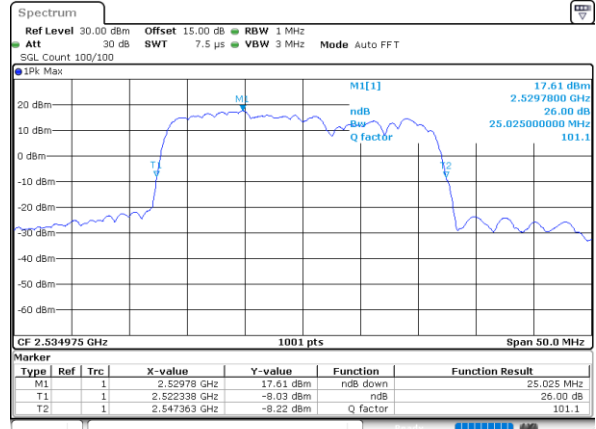
QPSK

Middle Channel / 10MHz+20MHz



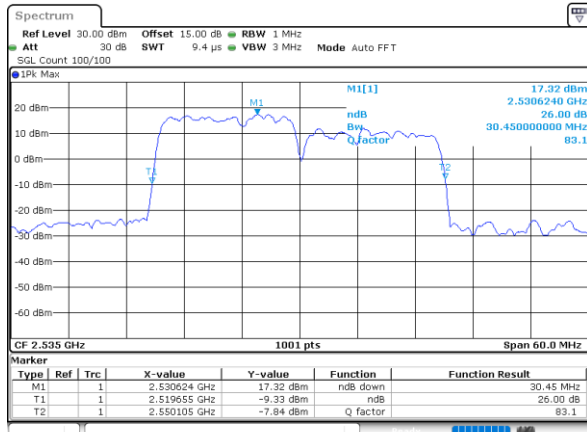
Date: 1.JUL.2024 17:05:27

Middle Channel / 15MHz+10MHz



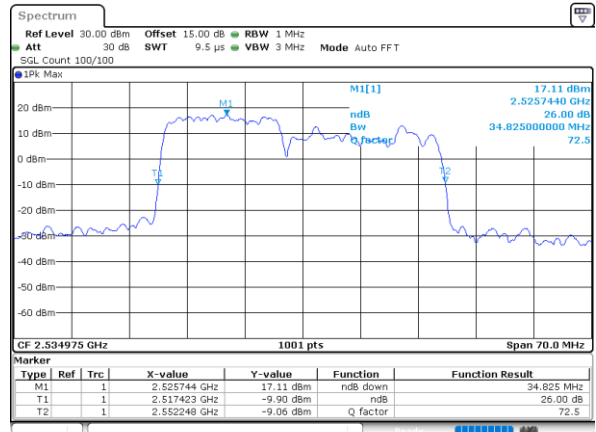
Date: 1.JUL.2024 19:58:24

Middle Channel / 15MHz+15MHz



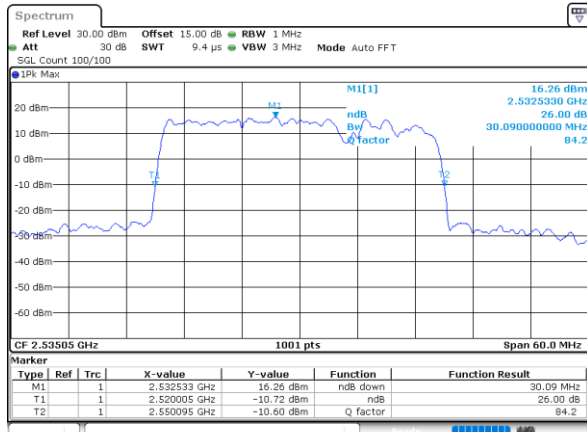
Date: 1.JUL.2024 18:14:58

Middle Channel / 15MHz+20MHz



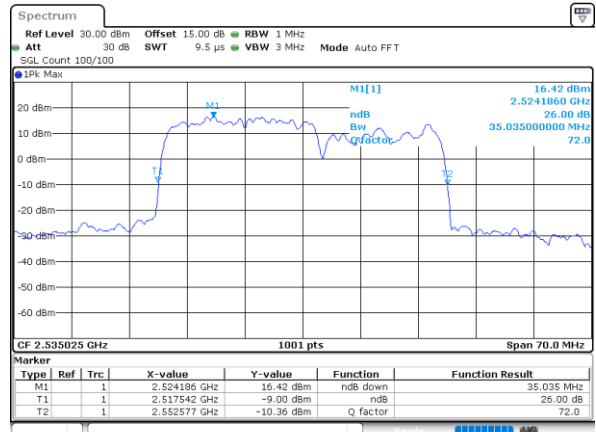
Date: 1.JUL.2024 18:59:49

Middle Channel / 20MHz+10MHz



Date: 1.JUL.2024 17:48:19

Middle Channel / 20MHz+15MHz



Date: 1.JUL.2024 19:06:55

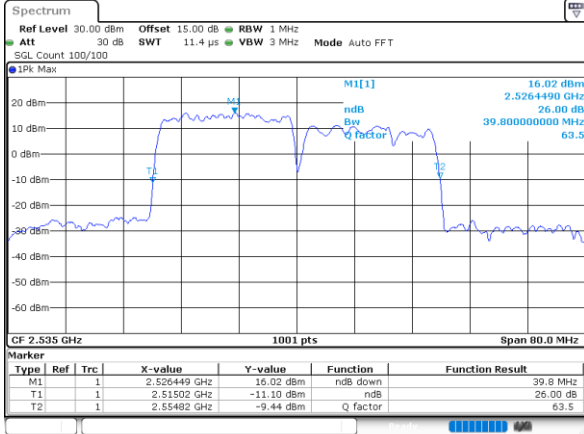


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



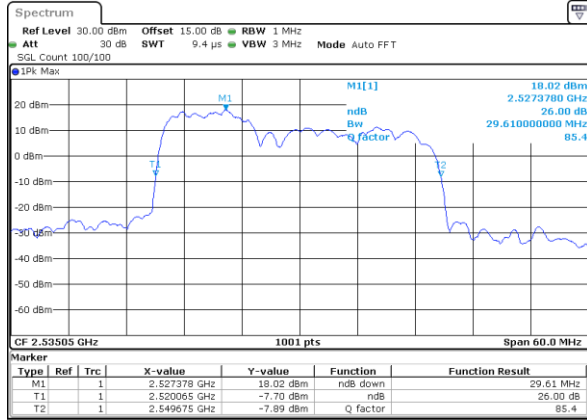
Date: 1 JUL 2024 19:33:35



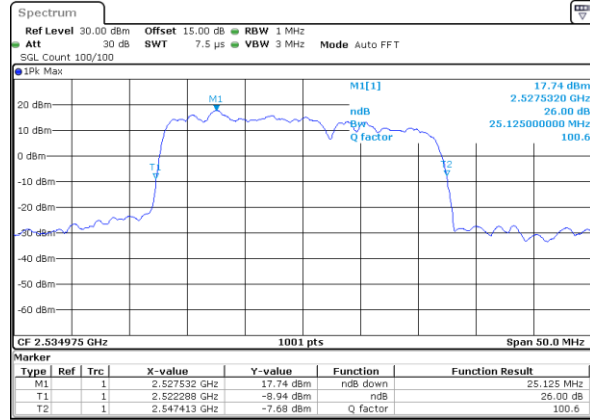
LTE Band 7C

16QAM

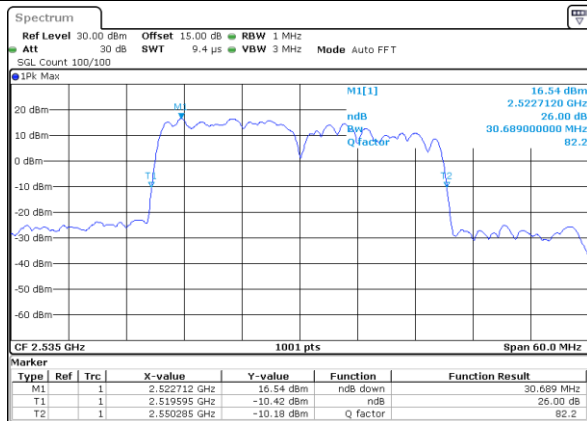
Middle Channel / 10MHz+20MHz



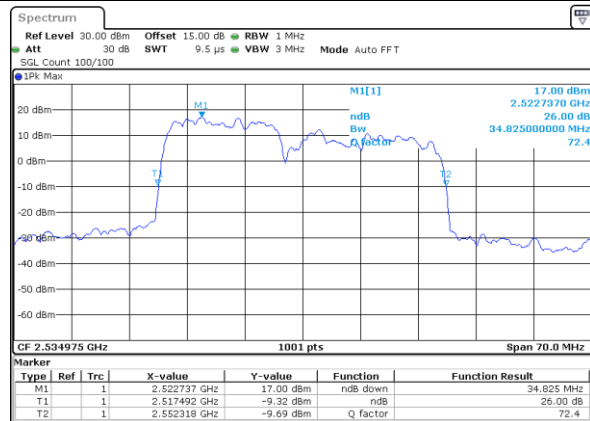
Middle Channel / 15MHz+10MHz



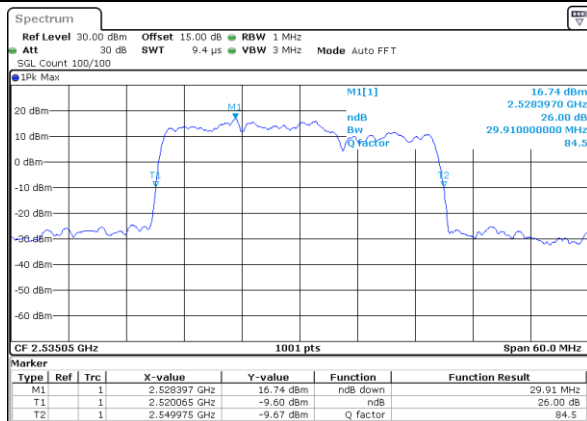
Middle Channel / 15MHz+15MHz



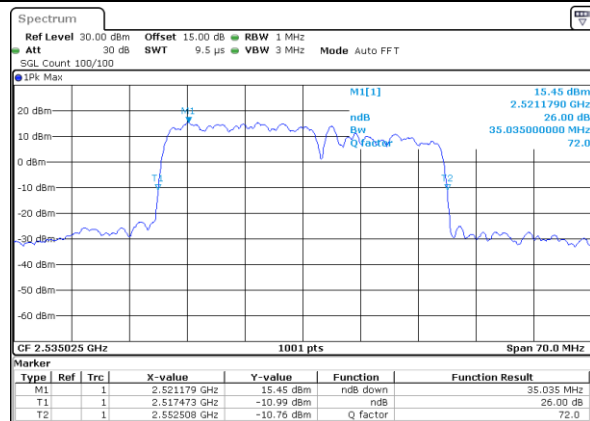
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



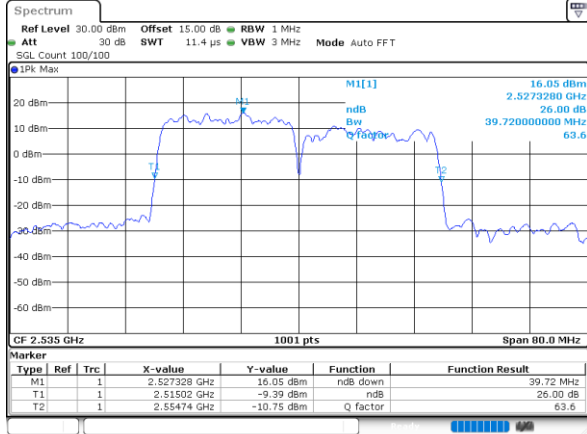


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 1 JUL 2024 19:34:06

**Occupied Bandwidth**

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.39	23.23	28.29	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.81	32.80	37.40	

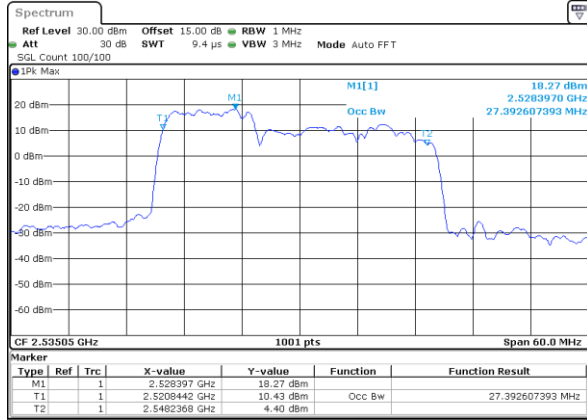
Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.81	23.23	28.47	32.94
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.87	32.59	37.40	



LTE Band 7C

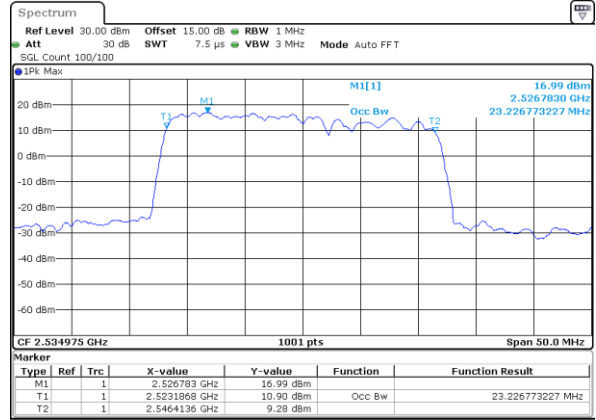
QPSK

Middle Channel / 10MHz+20MHz



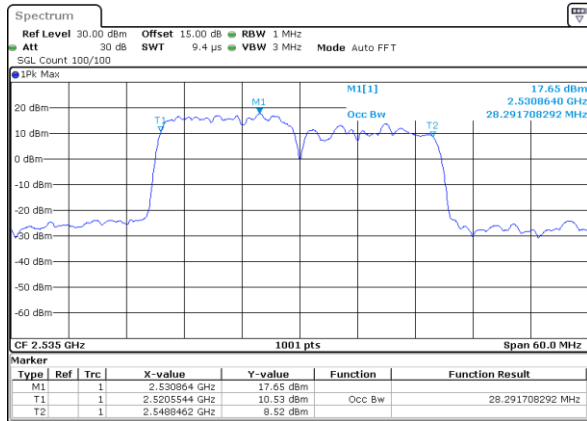
Date: 1..JUL.2024 17:04:52

Middle Channel / 15MHz+10MHz



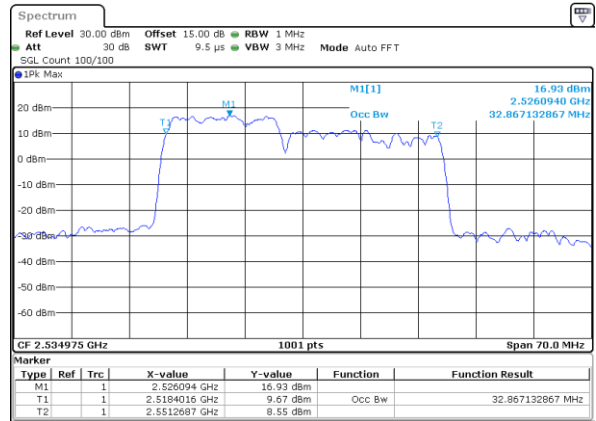
Date: 1..JUL.2024 19:57:48

Middle Channel / 15MHz+15MHz



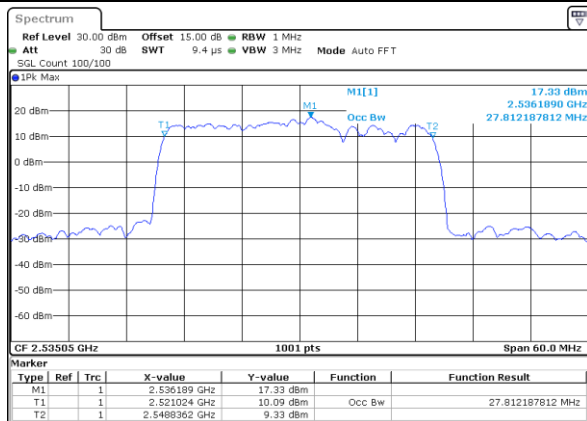
Date: 1..JUL.2024 18:14:28

Middle Channel / 15MHz+20MHz



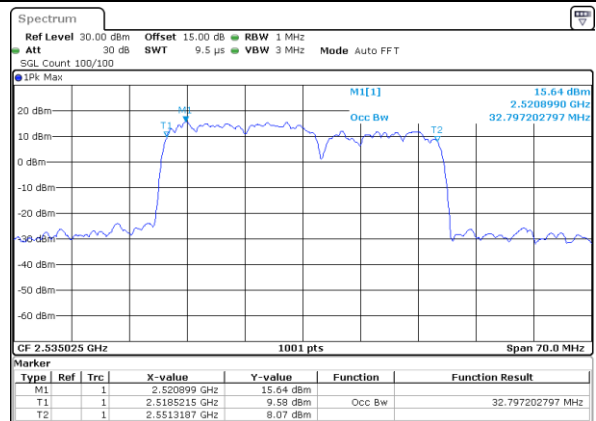
Date: 1..JUL.2024 18:39:13

Middle Channel / 20MHz+10MHz



Date: 1..JUL.2024 17:47:43

Middle Channel / 20MHz+15MHz



Date: 1..JUL.2024 19:06:20

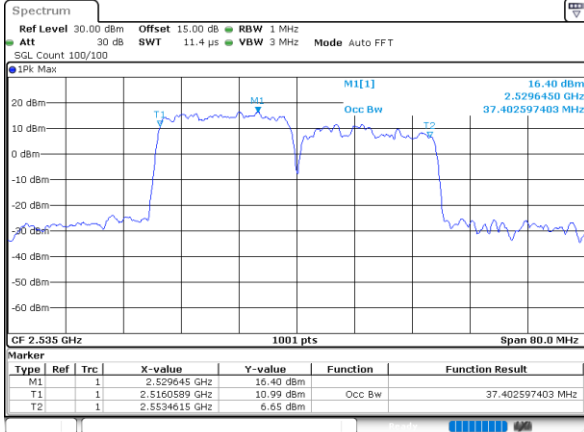


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

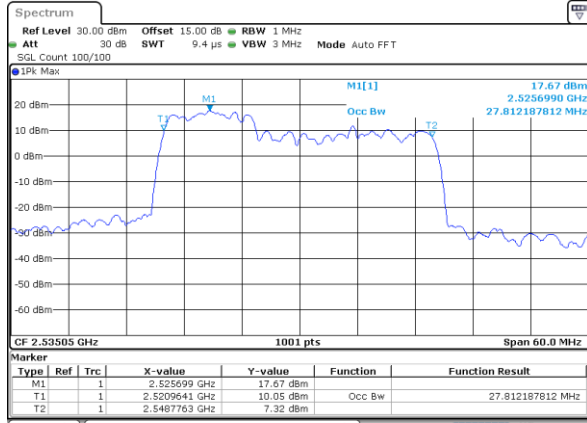




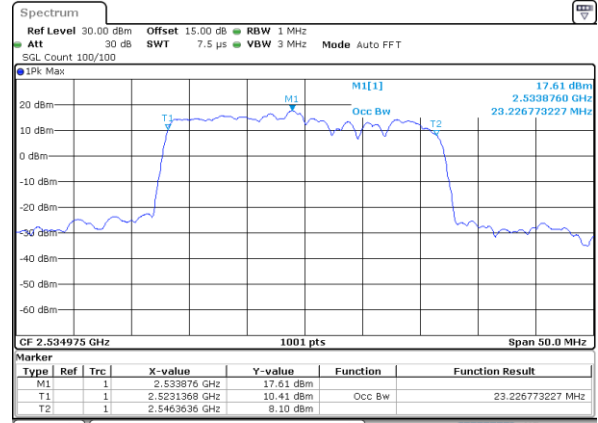
LTE Band 7C

16QAM

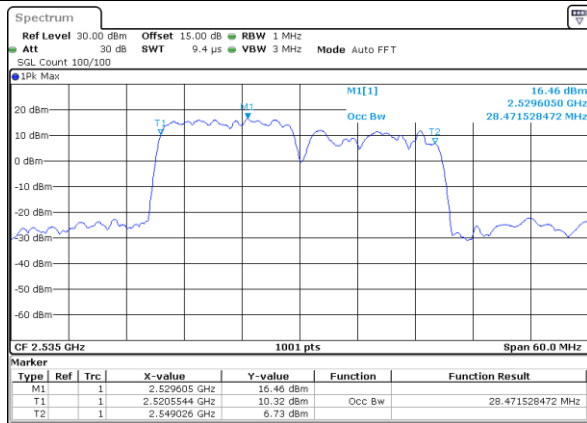
Middle Channel / 10MHz+20MHz



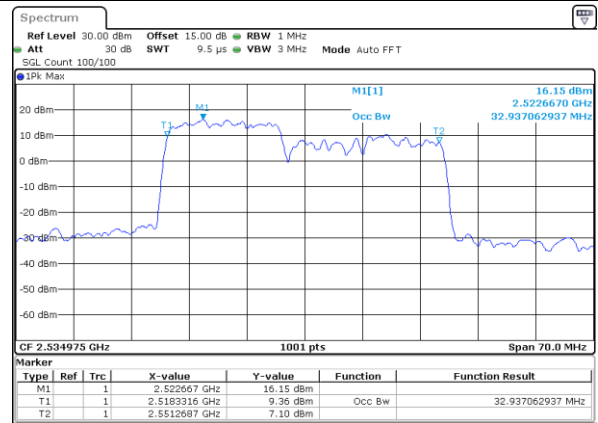
Middle Channel / 15MHz+10MHz



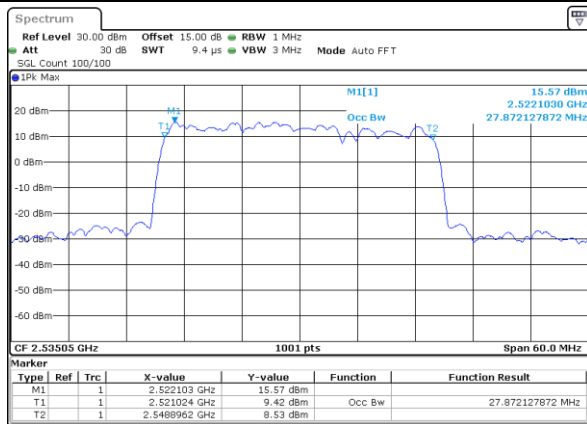
Middle Channel / 15MHz+15MHz



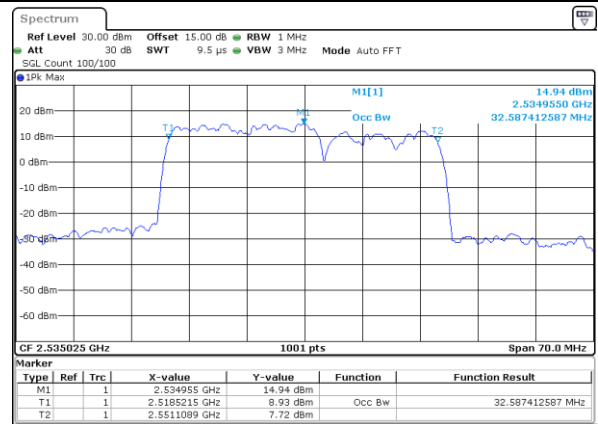
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



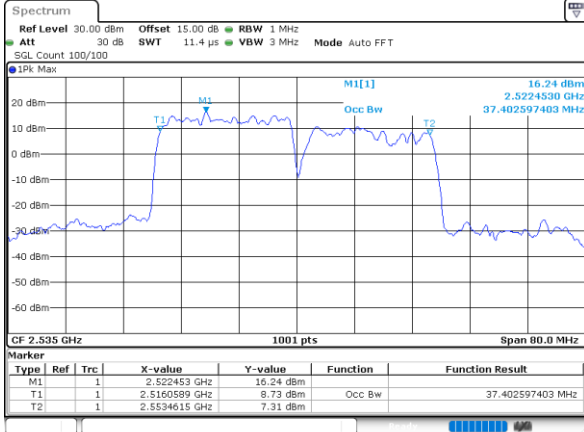


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 1 JUL 2024 19:34:37

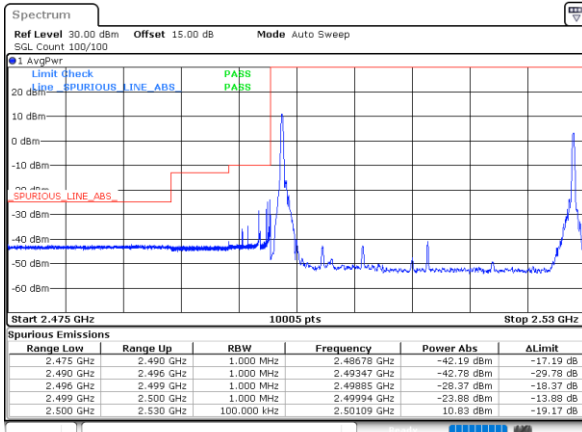


Conducted Band Edge

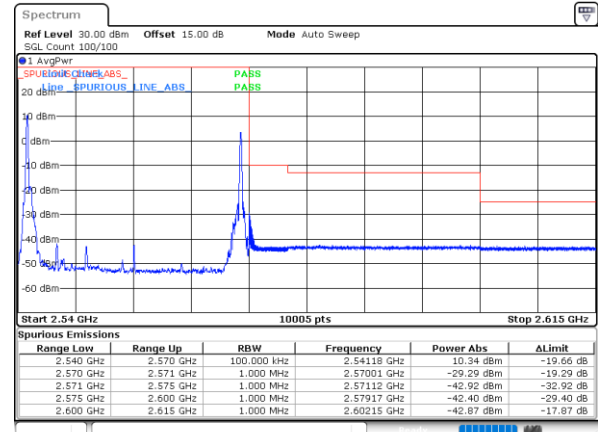
LTE Band 7C / 10MHz+20MHz

QPSK

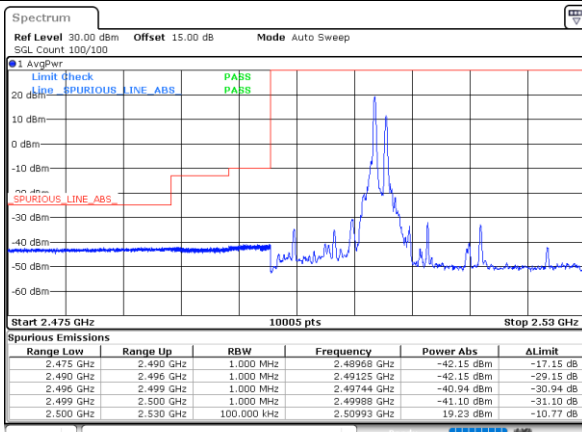
Lowest Band Edge / 1RB0 and 1RB99



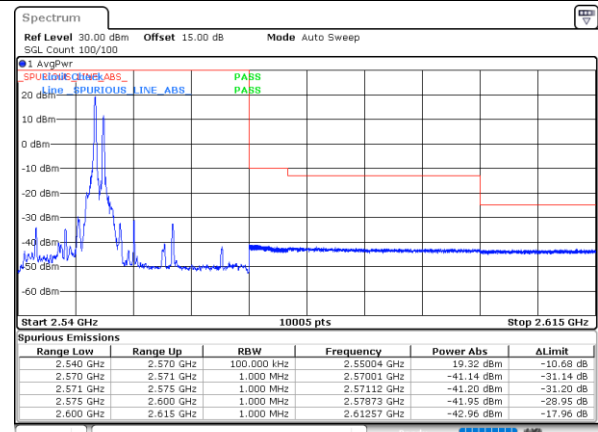
Highest Band Edge / 1RB0 and 1RB99



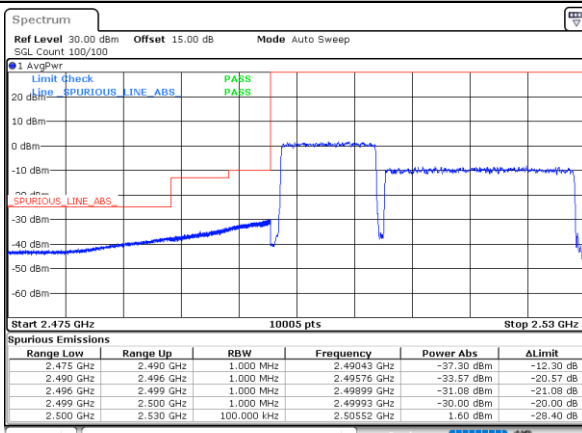
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

