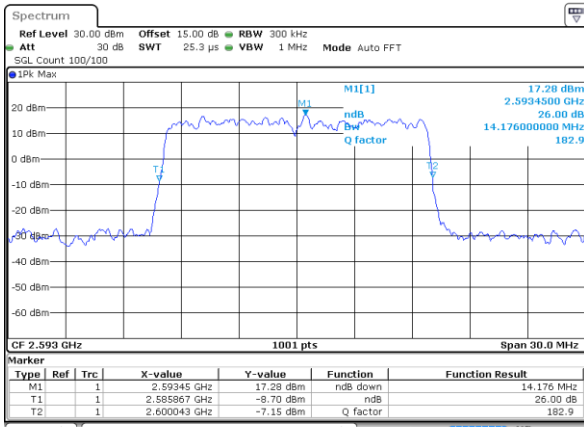


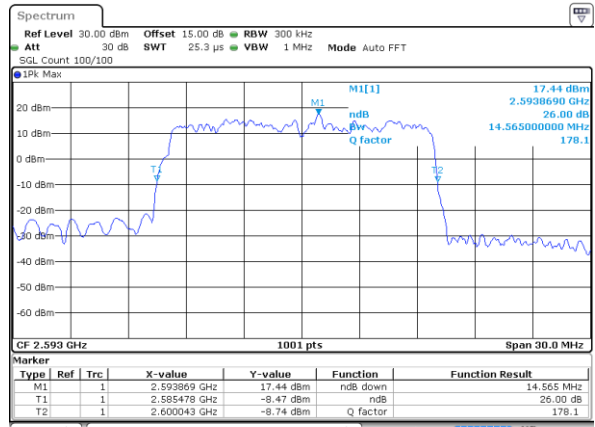


Middle Channel / 15MHz / QPSK



Date: 7 JAN 2025 16:53:25

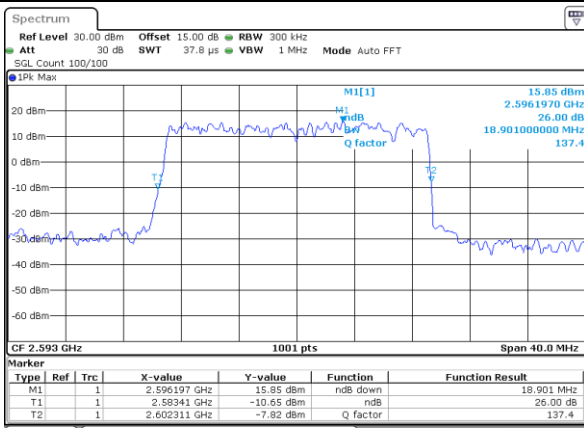
Middle Channel / 15MHz / 16QAM



Date: 7 JAN 2025 16:54:05

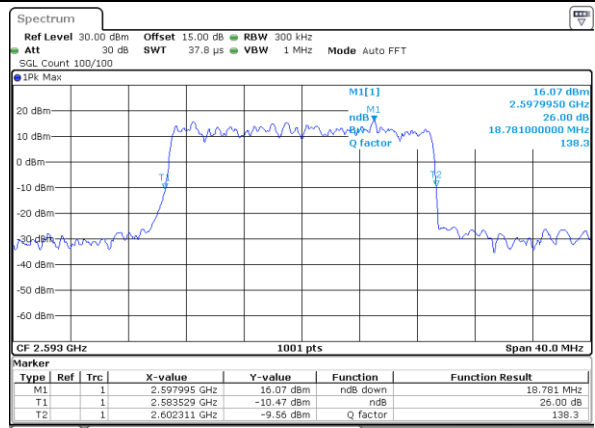
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 7 JAN 2025 17:11:47

Middle Channel / 20MHz / 16QAM

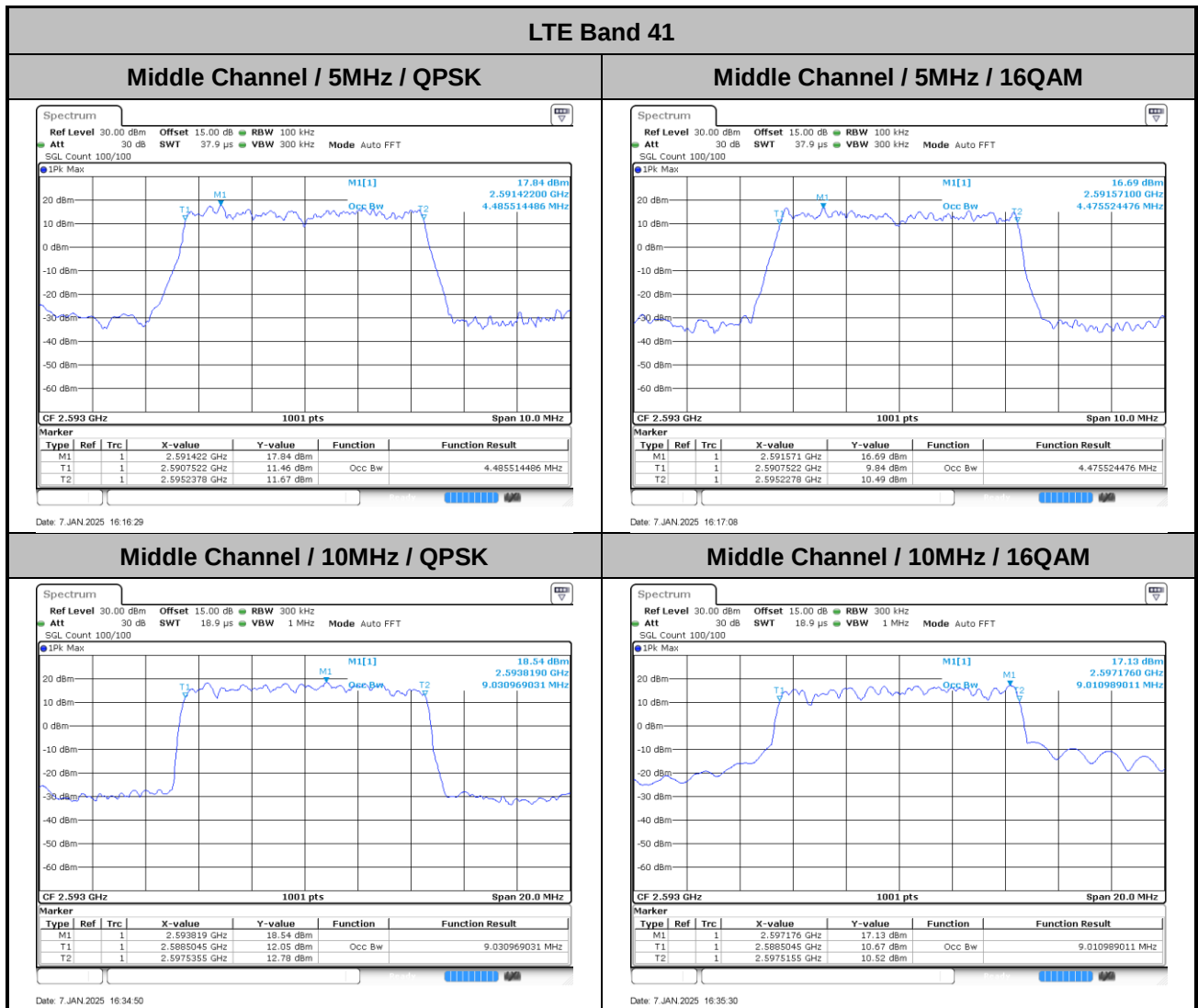


Date: 7 JAN 2025 17:12:27



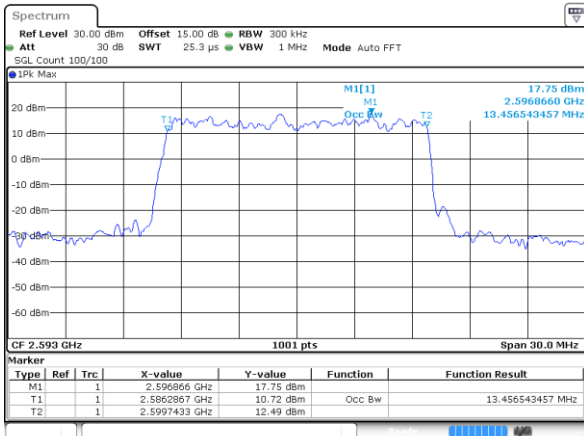
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.49	4.48	9.03	9.01	13.46	13.46	17.94	17.86



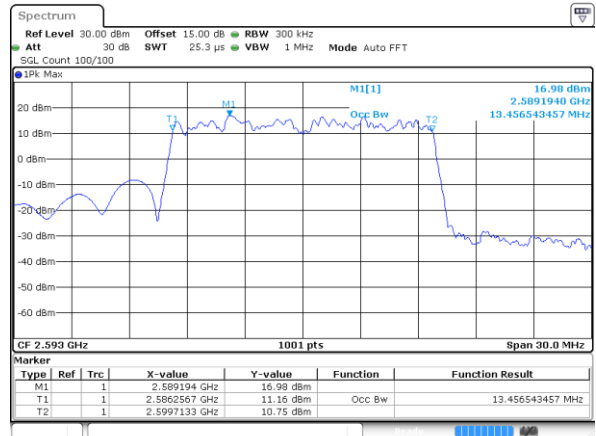


Middle Channel / 15MHz / QPSK



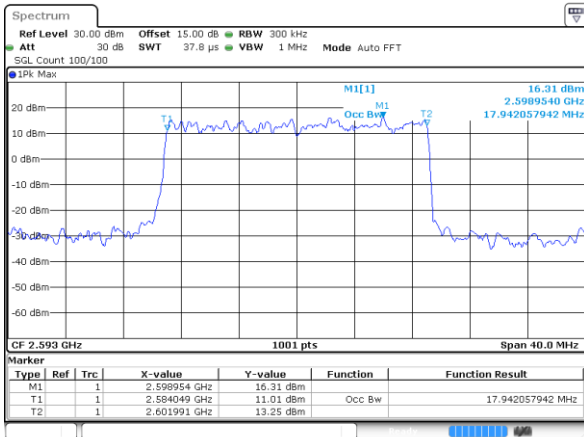
Date: 7 JAN 2025 16:53:11

Middle Channel / 15MHz / 16QAM



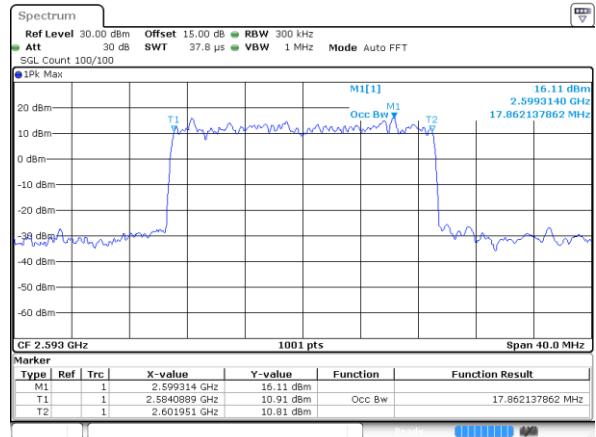
Date: 7 JAN 2025 16:53:51

Middle Channel / 20MHz / QPSK



Date: 7 JAN 2025 17:11:33

Middle Channel / 20MHz / 16QAM



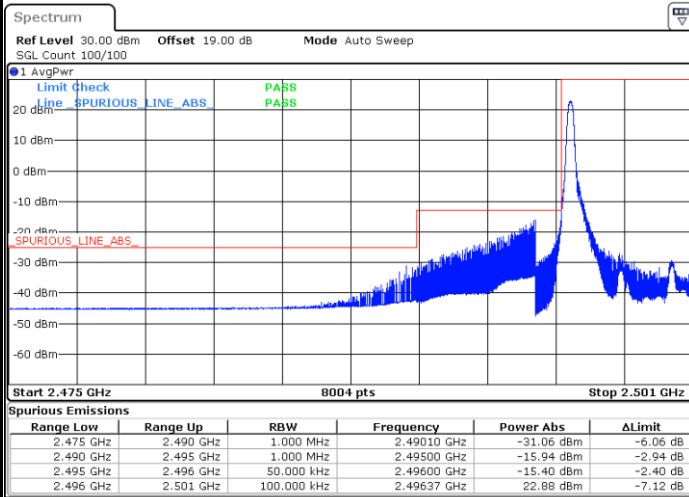
Date: 7 JAN 2025 17:12:13



Conducted Band Edge

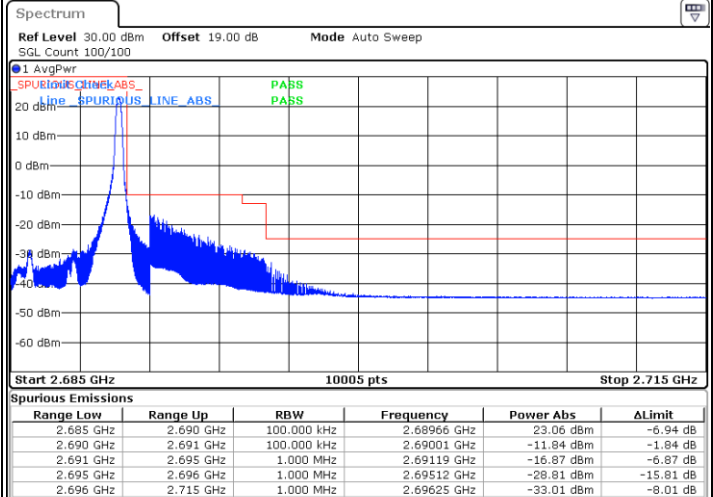
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



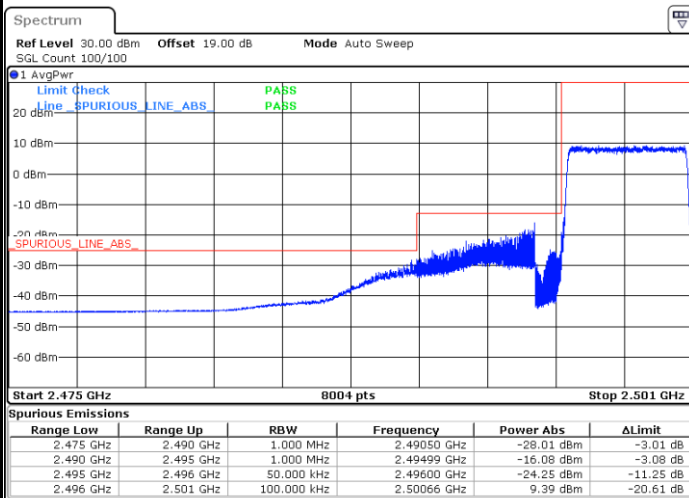
Date: 7 JAN 2025 16:08:25

Highest Band Edge / 1 RB



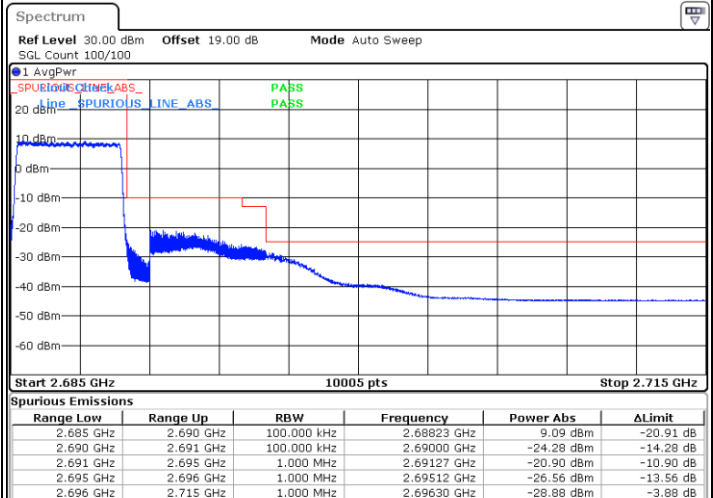
Date: 7 JAN 2025 16:18:27

Lowest Band Edge / Full RB



Date: 7 JAN 2025 16:13:53

Highest Band Edge / Full RB

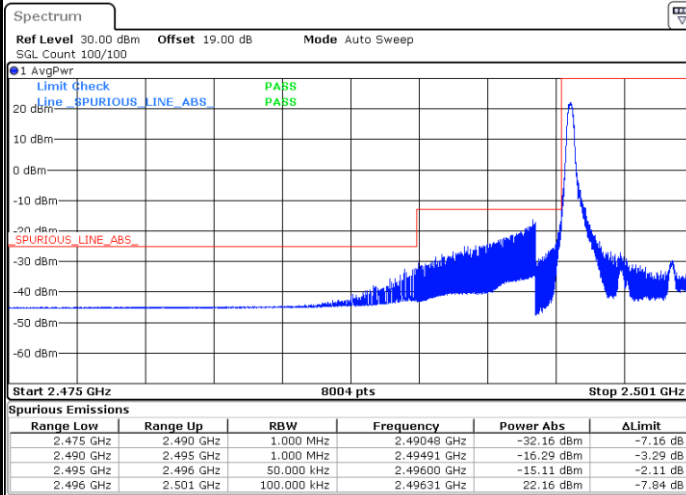


Date: 7 JAN 2025 16:23:54



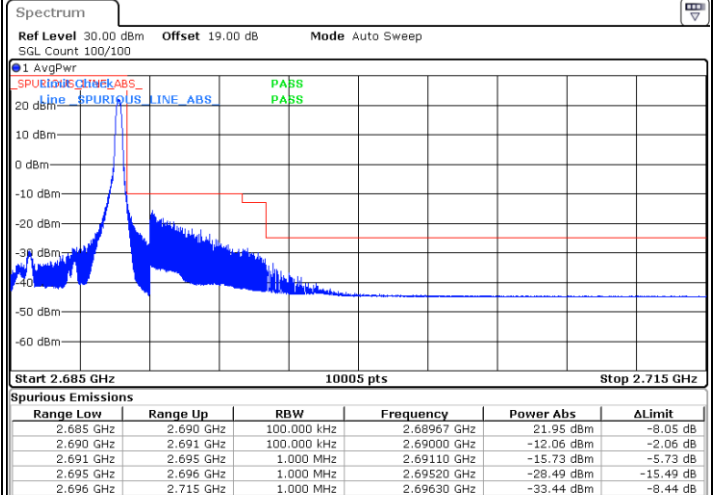
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



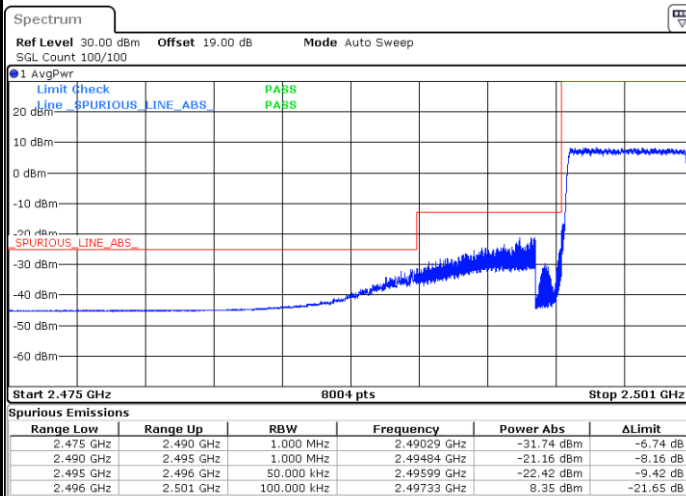
Date: 7 JAN 2025 16:09:31

Highest Band Edge / 1 RB



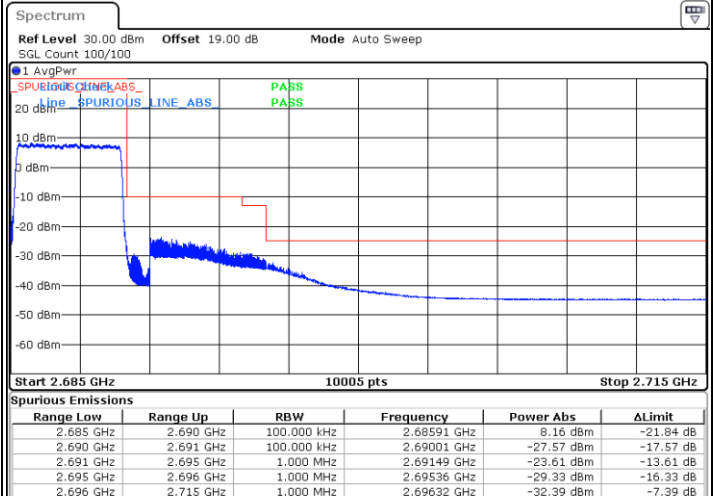
Date: 7 JAN 2025 16:19:32

Lowest Band Edge / Full RB



Date: 7 JAN 2025 16:12:48

Highest Band Edge / Full RB

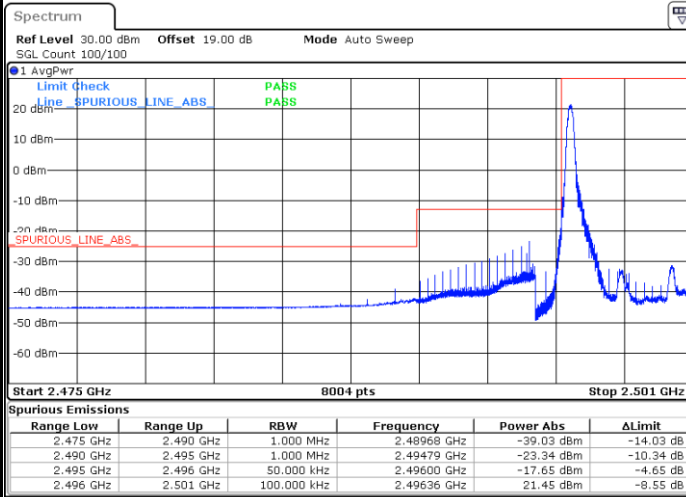


Date: 7 JAN 2025 16:22:48



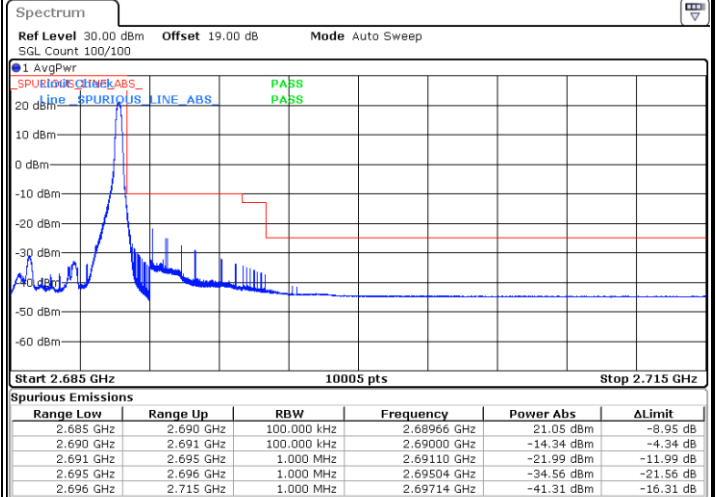
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



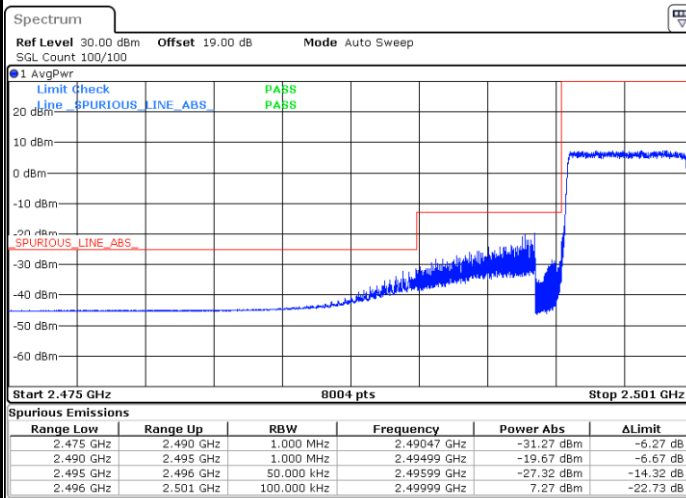
Date: 7 JAN 2025 16:10:36

Highest Band Edge / 1 RB



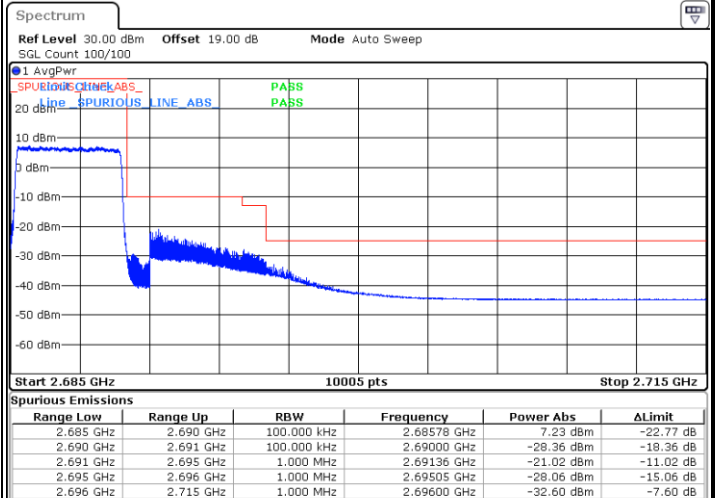
Date: 7 JAN 2025 16:20:37

Lowest Band Edge / Full RB



Date: 7 JAN 2025 16:11:42

Highest Band Edge / Full RB

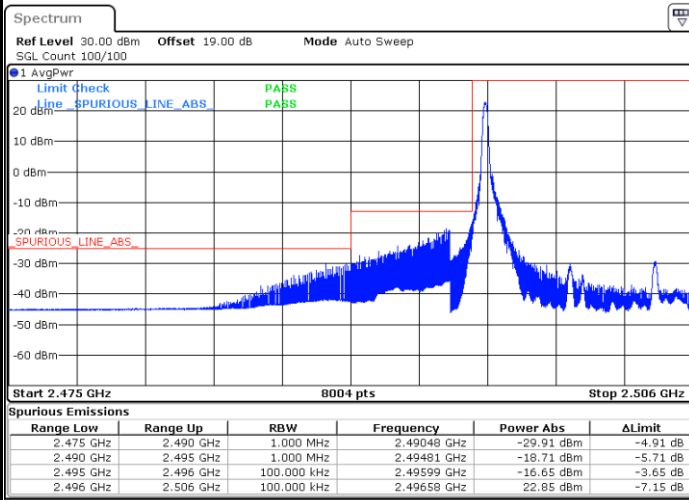


Date: 7 JAN 2025 16:21:43



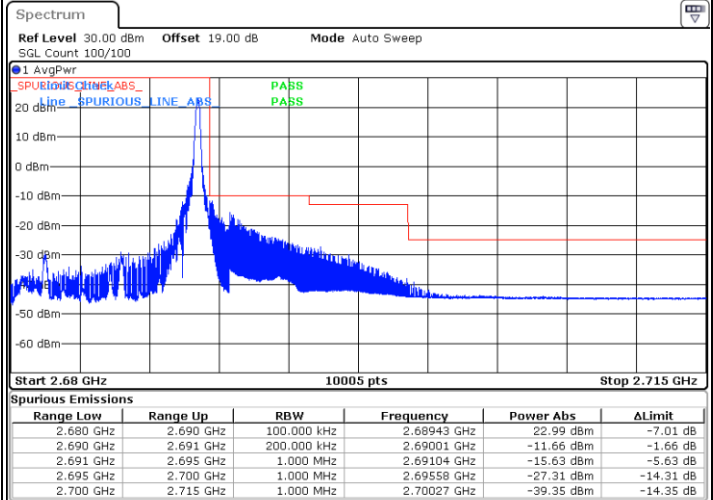
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



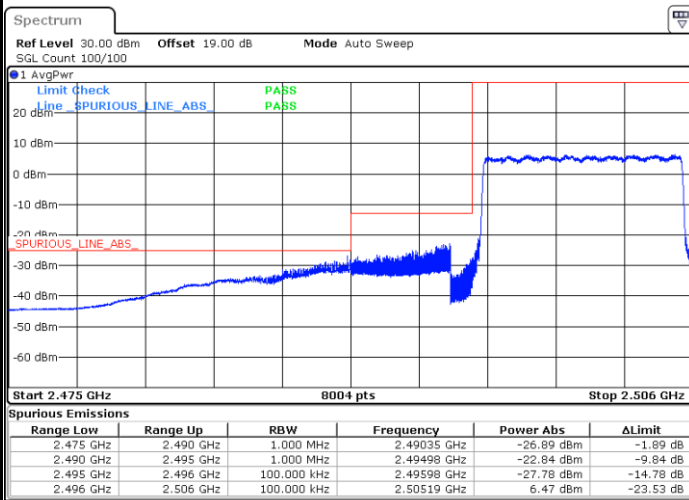
Date: 7 JAN 2025 16:26:47

Highest Band Edge / 1 RB



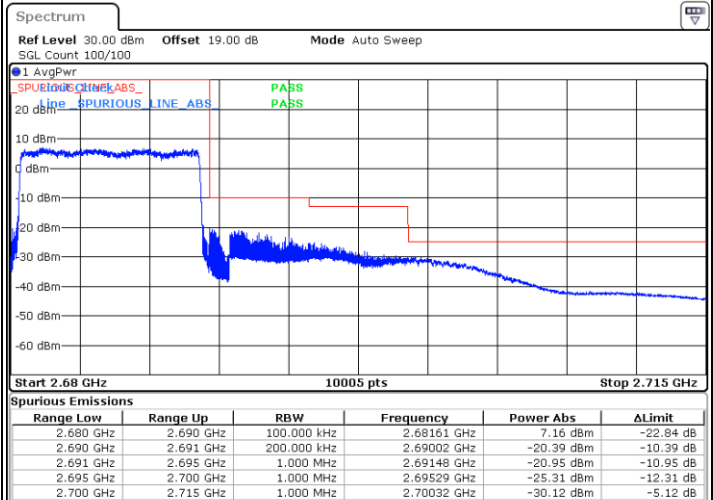
Date: 7 JAN 2025 16:36:48

Lowest Band Edge / Full RB



Date: 7 JAN 2025 16:32:15

Highest Band Edge / Full RB

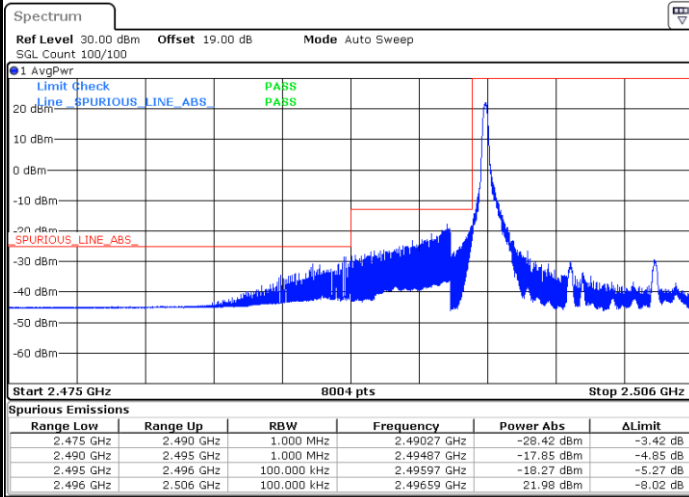


Date: 7 JAN 2025 16:42:15

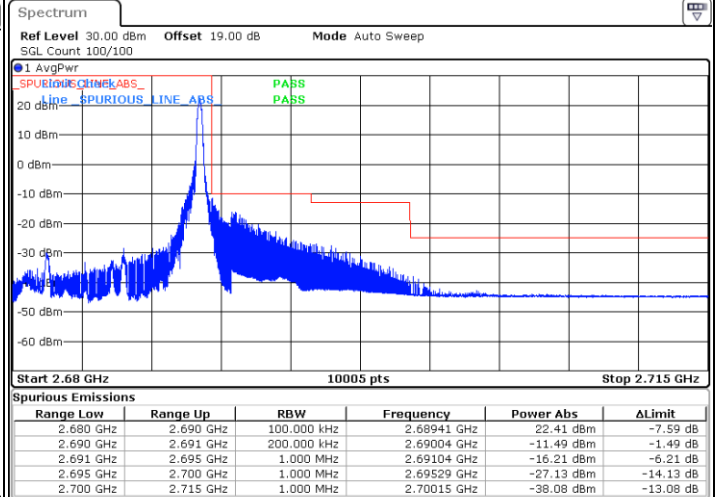


LTE Band 41 / 10MHz / 16QAM

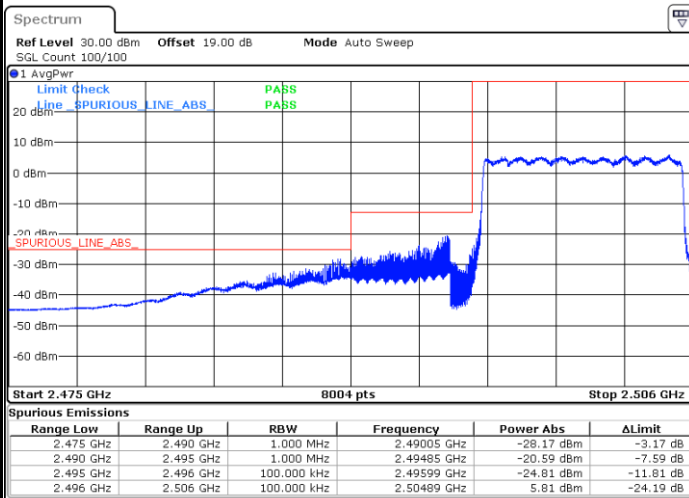
Lowest Band Edge / 1RB



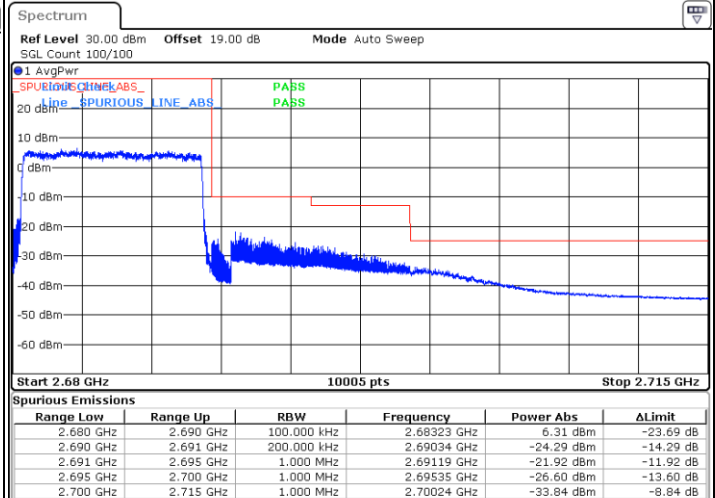
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



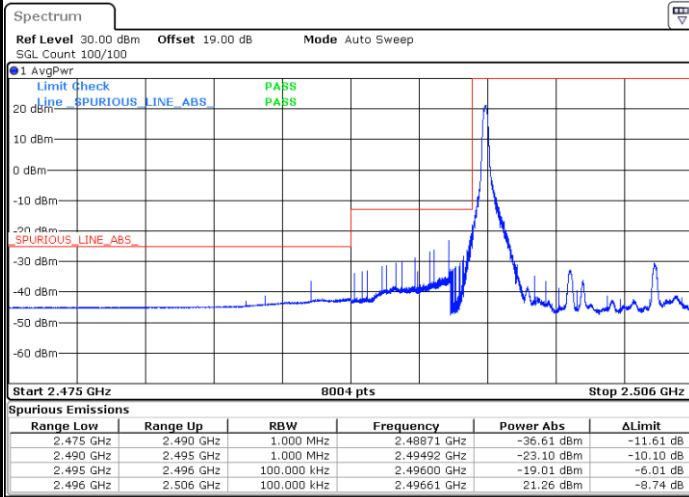
Highest Band Edge / Full RB





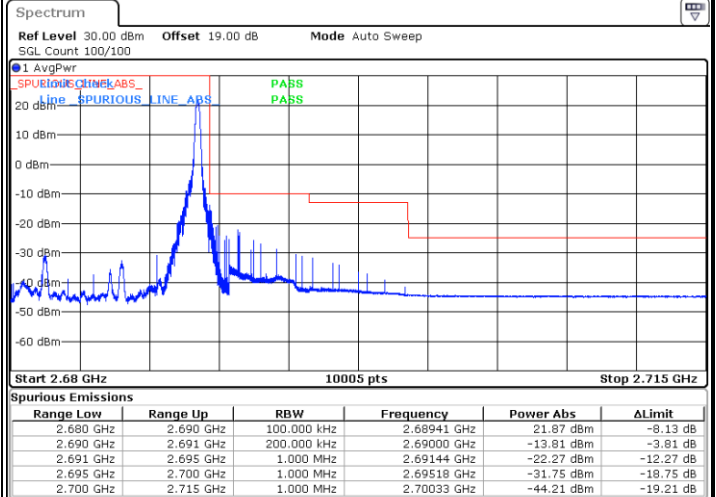
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



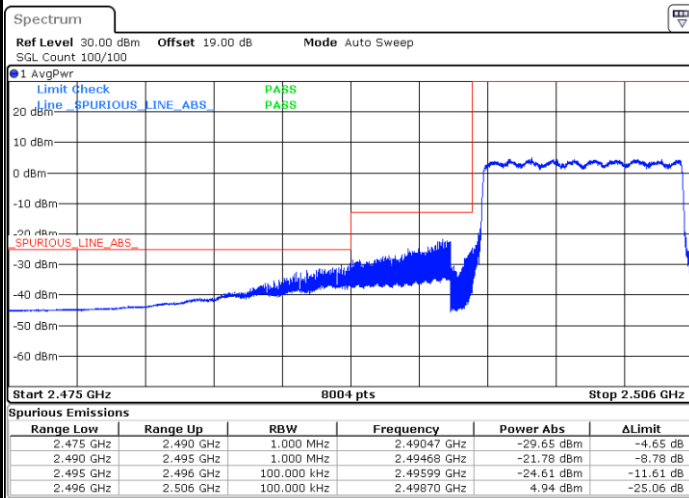
Date: 7 JAN 2025 16:28:58

Highest Band Edge / 1 RB



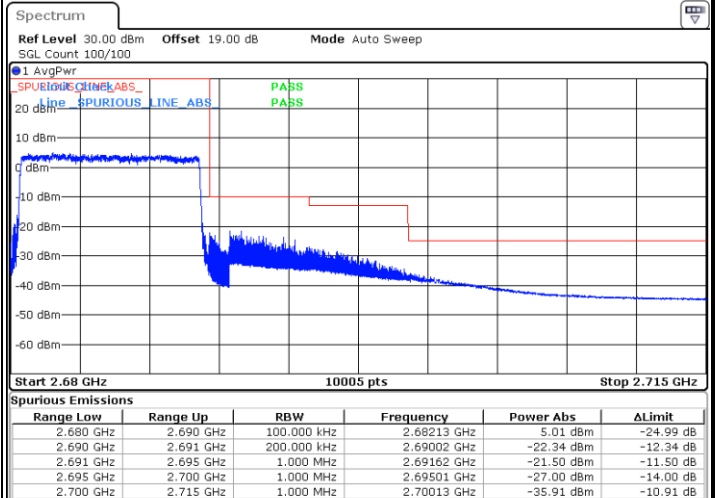
Date: 7 JAN 2025 16:38:59

Lowest Band Edge / Full RB



Date: 7 JAN 2025 16:30:04

Highest Band Edge / Full RB

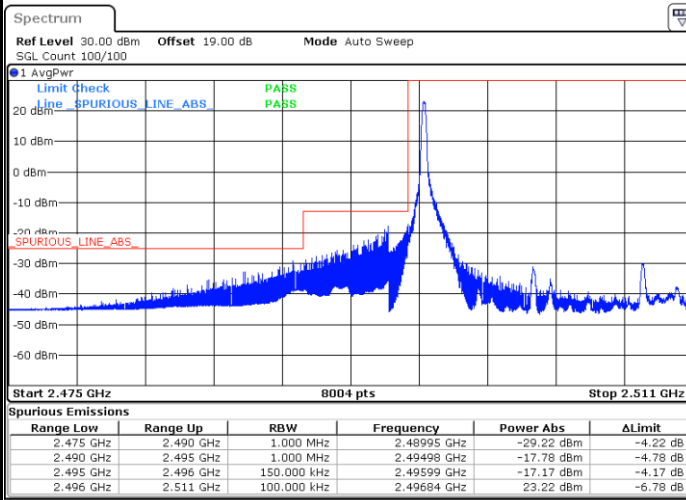


Date: 7 JAN 2025 16:40:04



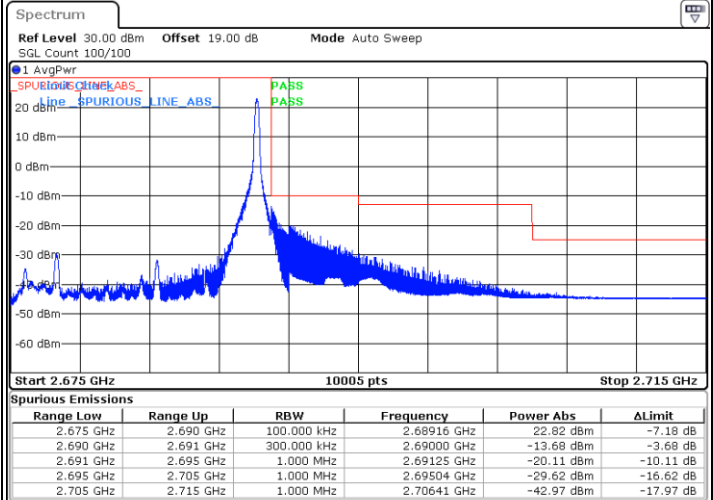
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



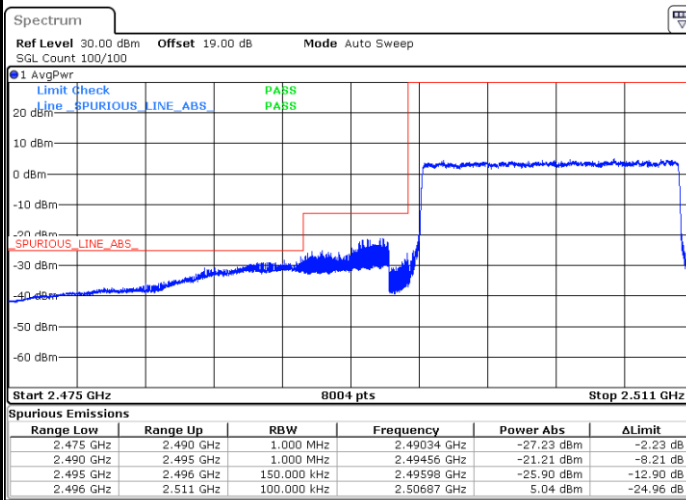
Date: 7 JAN 2025 16:45:09

Highest Band Edge / 1 RB



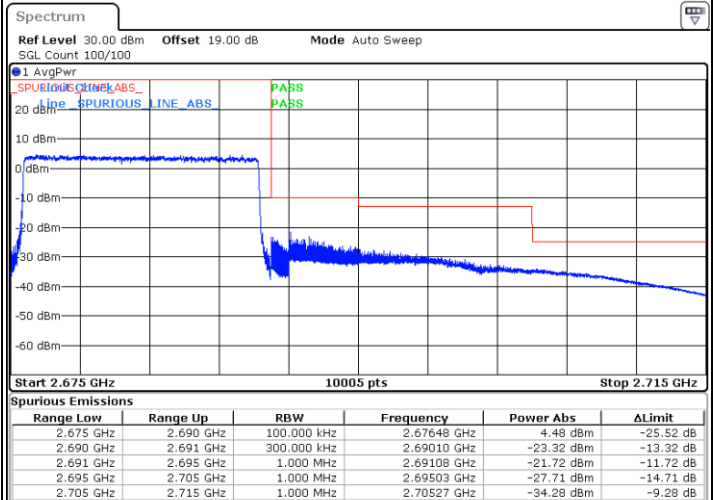
Date: 7 JAN 2025 16:55:09

Lowest Band Edge / Full RB



Date: 7 JAN 2025 16:50:36

Highest Band Edge / Full RB

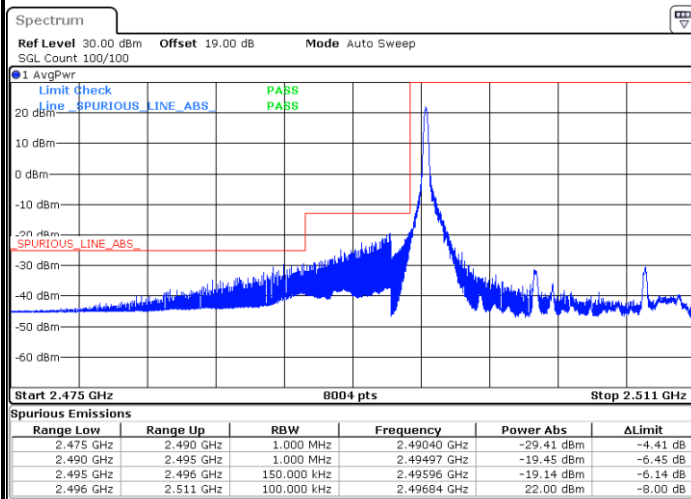


Date: 7 JAN 2025 17:00:37

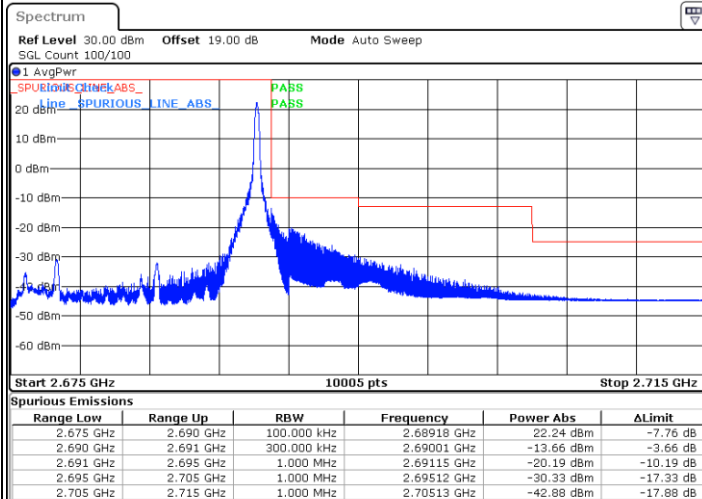


LTE Band 41 / 15MHz / 16QAM

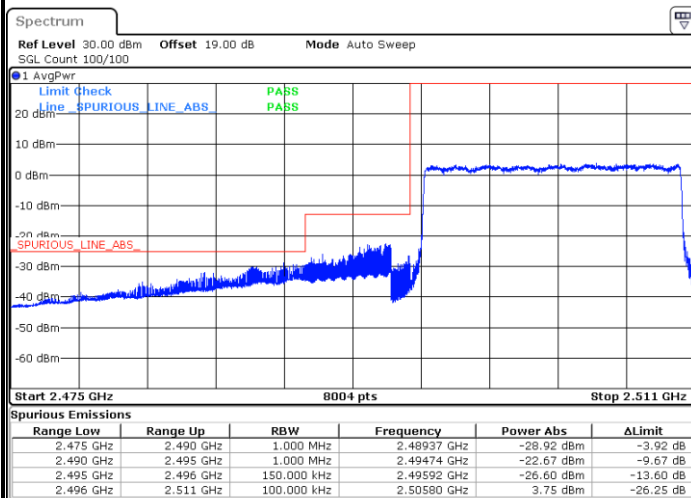
Lowest Band Edge / 1RB



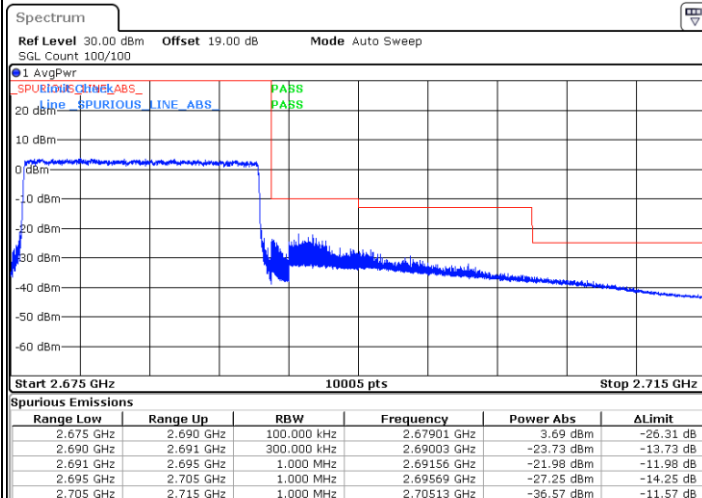
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



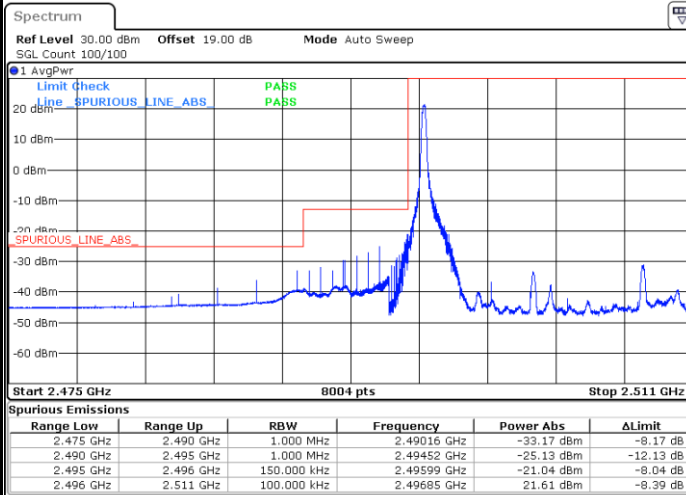
Highest Band Edge / Full RB





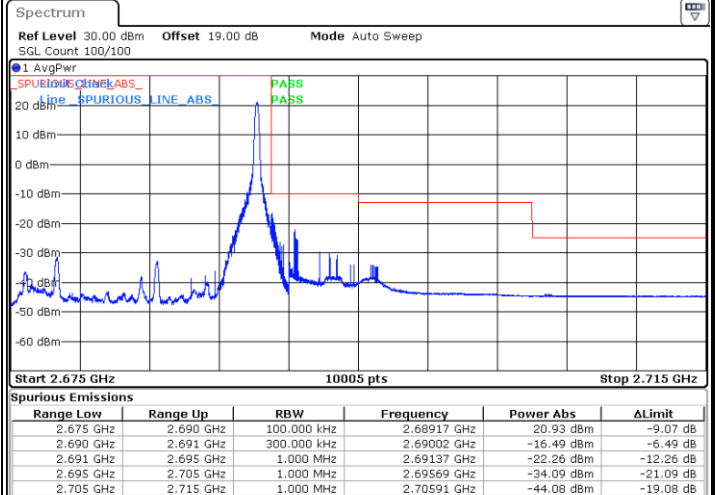
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



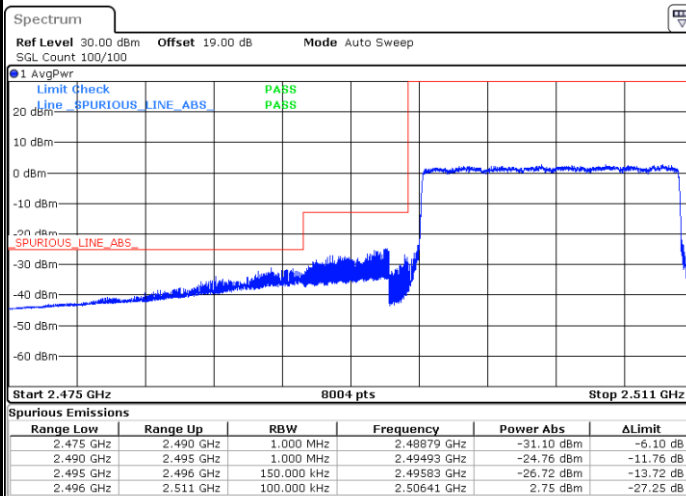
Date: 7 JAN 2025 16:47:20

Highest Band Edge / 1 RB



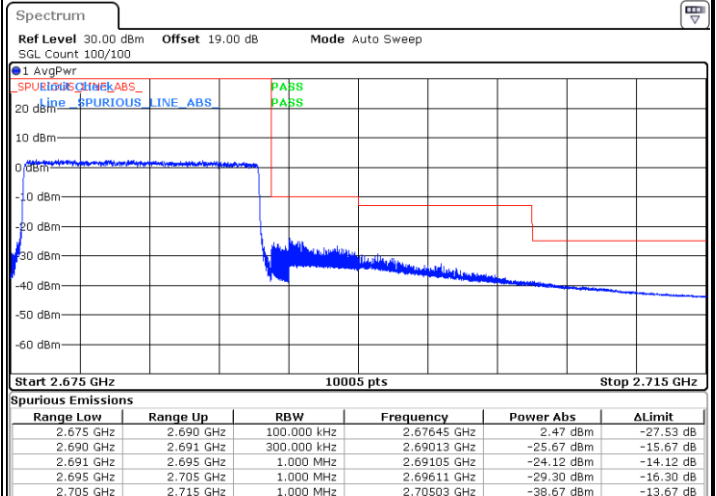
Date: 7 JAN 2025 16:57:20

Lowest Band Edge / Full RB



Date: 7 JAN 2025 16:48:25

Highest Band Edge / Full RB

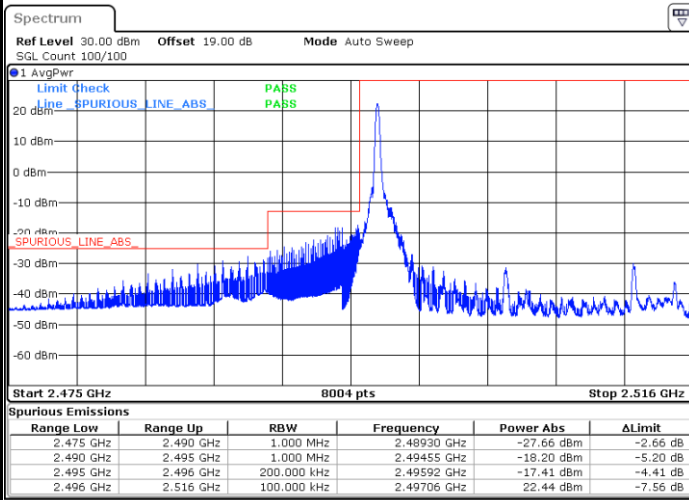


Date: 7 JAN 2025 16:58:26

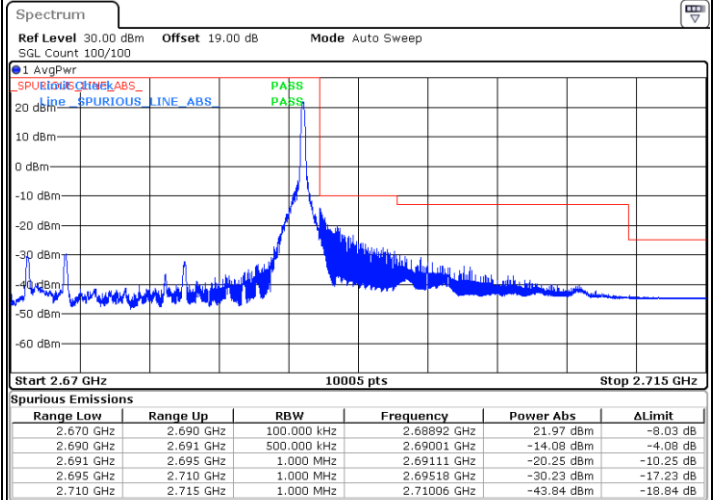


LTE Band 41 / 20MHz / QPSK

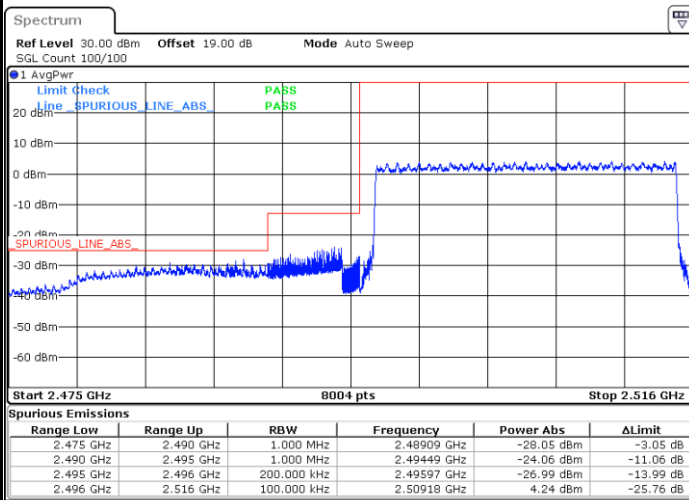
Lowest Band Edge / 1 RB



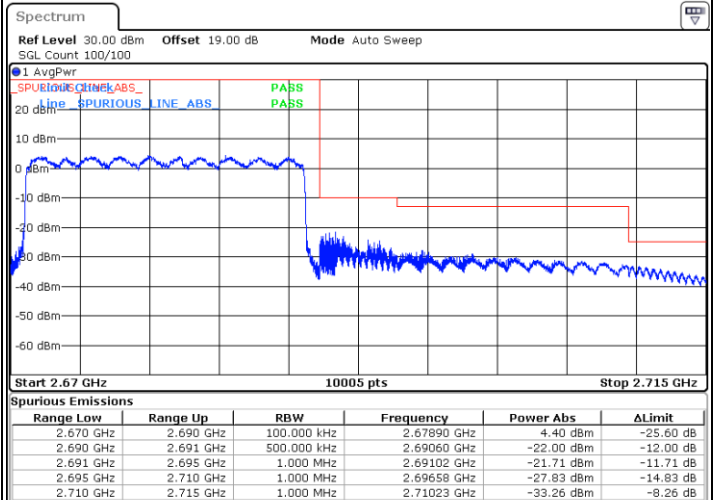
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



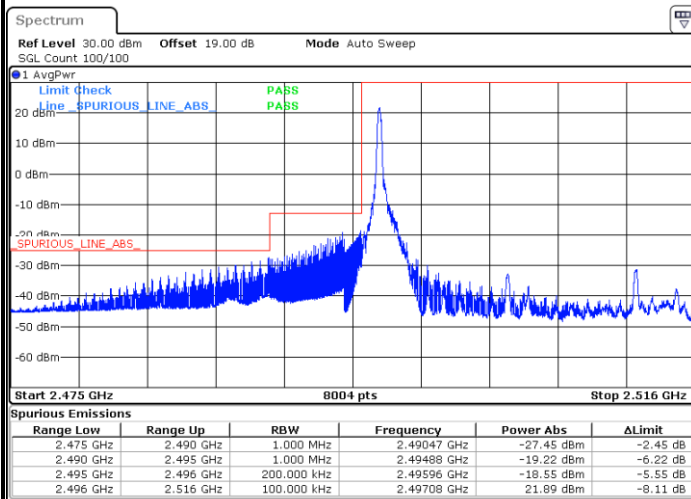
Highest Band Edge / Full RB





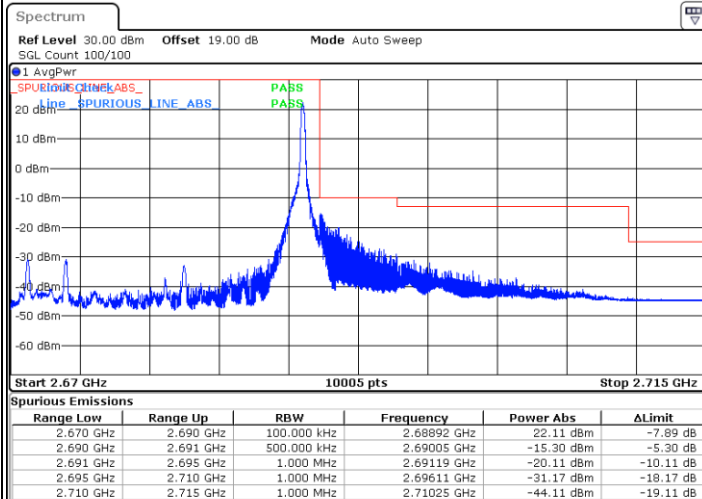
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



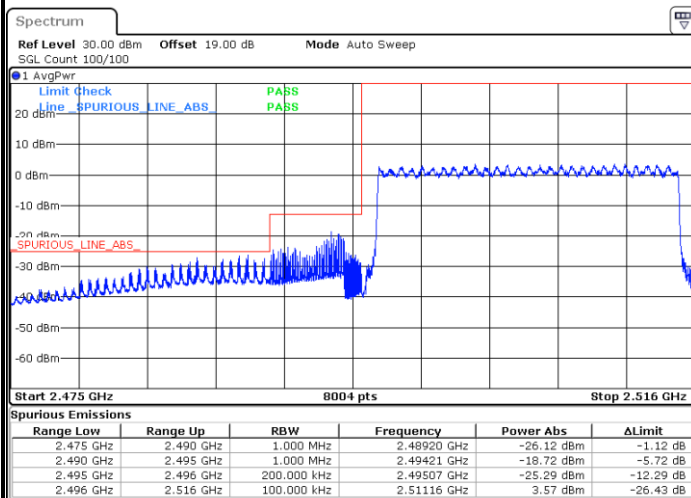
Date: 7 JAN 2025 17:04:36

Highest Band Edge / 1 RB



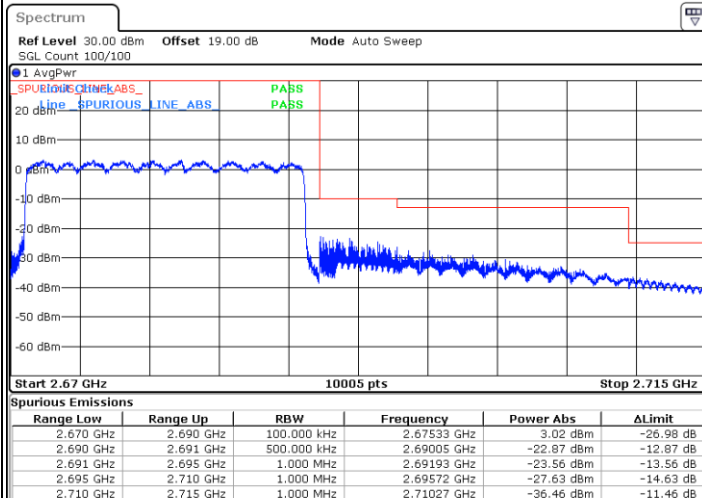
Date: 7 JAN 2025 17:15:57

Lowest Band Edge / Full RB



Date: 7 JAN 2025 17:07:52

Highest Band Edge / Full RB

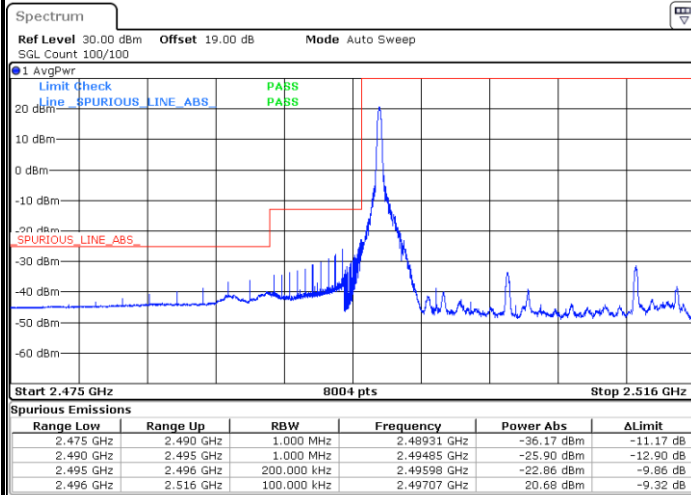


Date: 7 JAN 2025 17:19:13



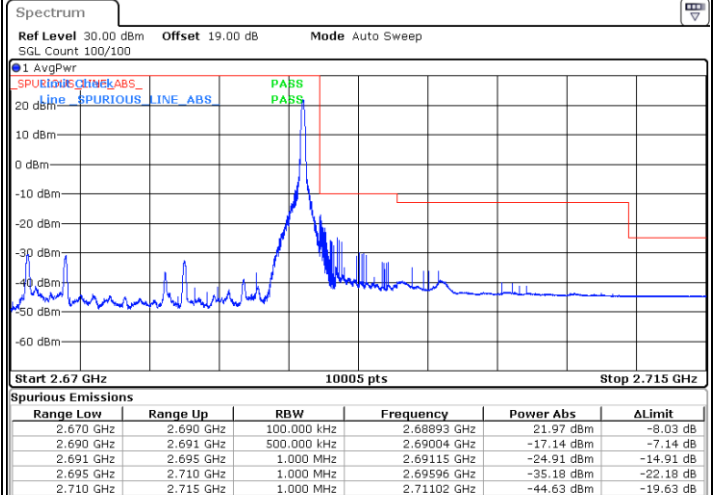
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



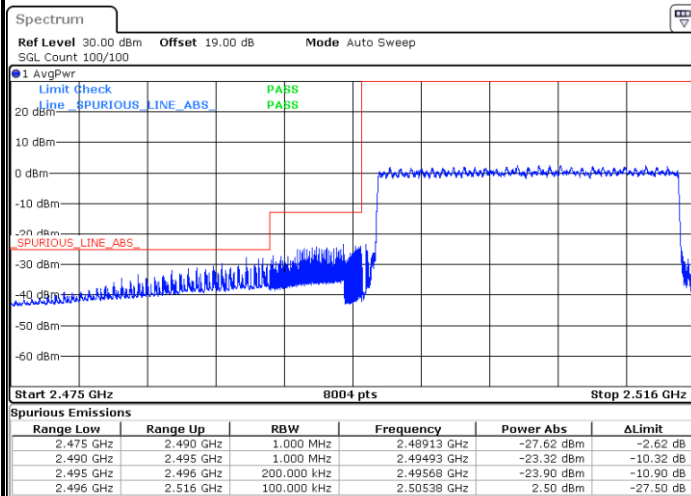
Date: 7 JAN 2025 17:05:41

Highest Band Edge / 1 RB



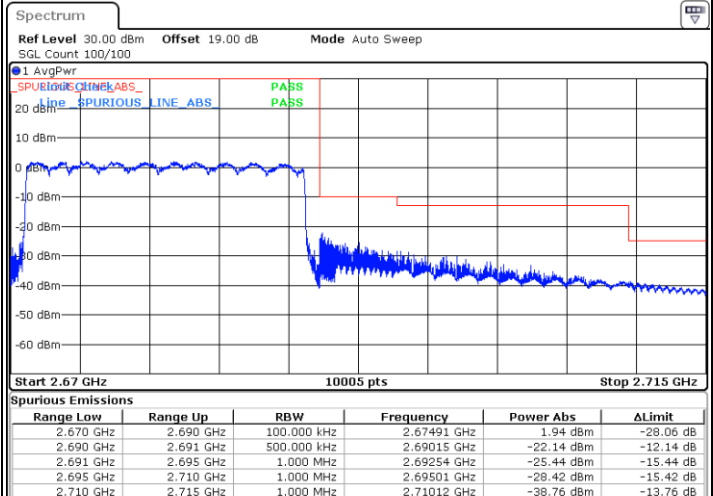
Date: 7 JAN 2025 17:17:02

Lowest Band Edge / Full RB



Date: 7 JAN 2025 17:06:47

Highest Band Edge / Full RB



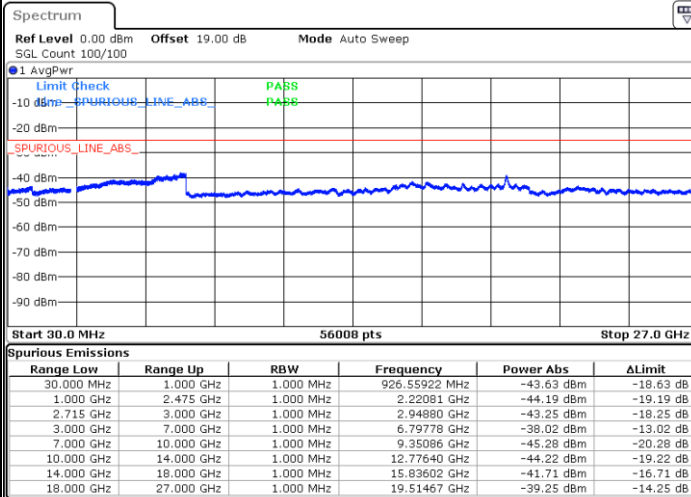
Date: 7 JAN 2025 17:18:08



Conducted Spurious Emission

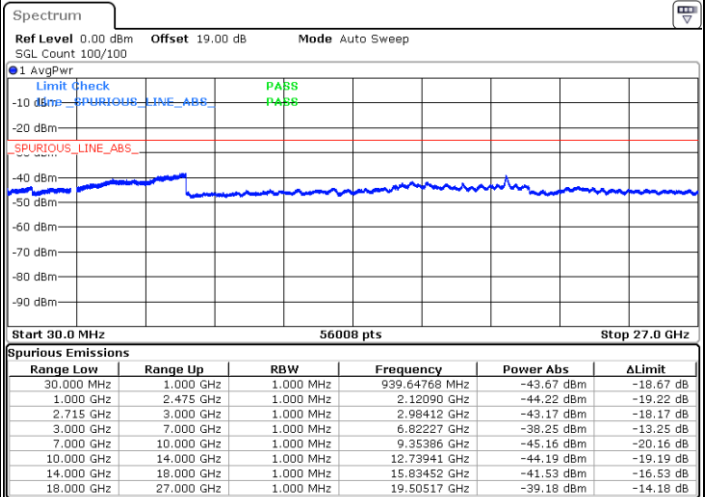
LTE Band 41 / 5MHz

Lowest Channel / QPSK



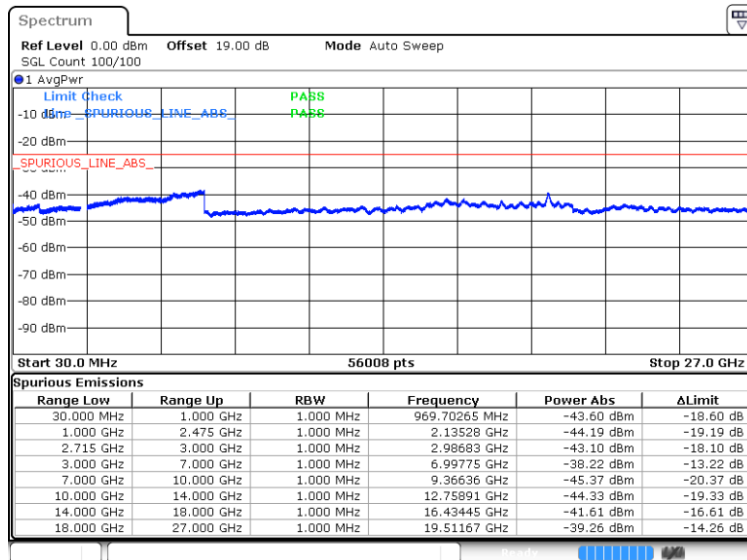
Date: 7 JAN 2025 16:14:58

Middle Channel / QPSK



Date: 7 JAN 2025 16:16:03

Highest Channel / QPSK

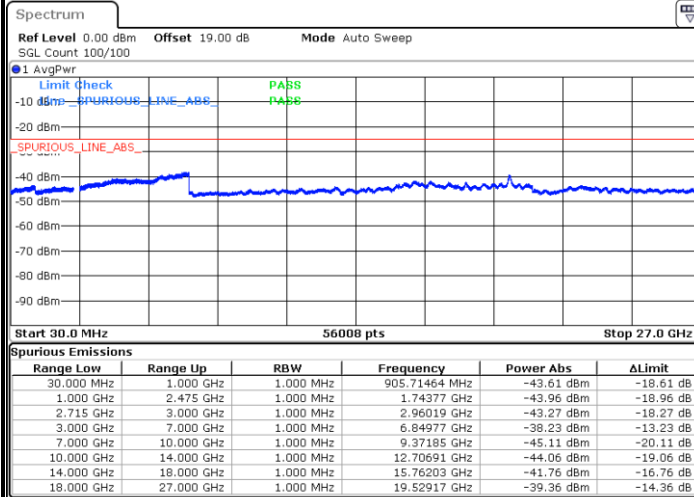


Date: 7 JAN 2025 16:24:59



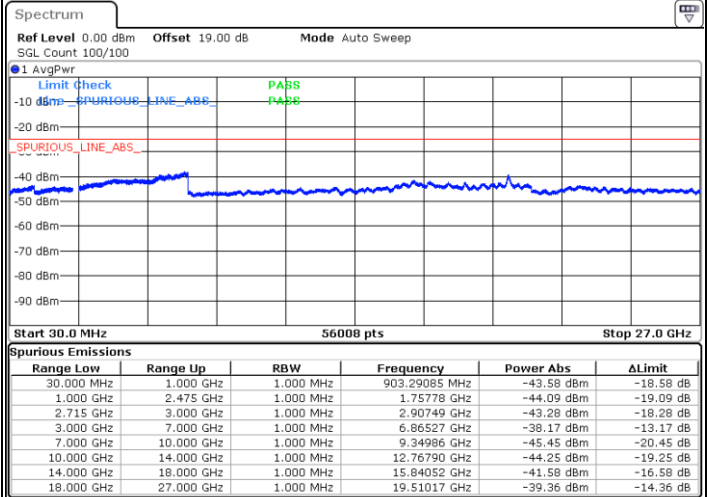
LTE Band 41 / 10MHz

Lowest Channel / QPSK



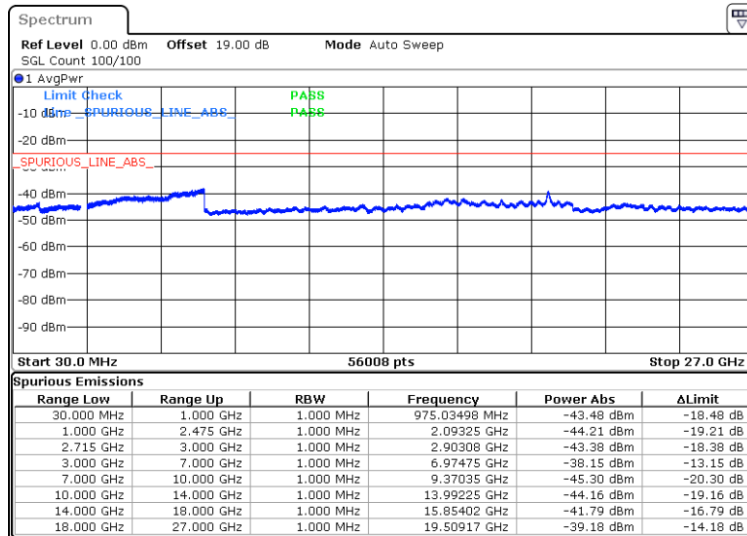
Date: 7.JAN 2025 16:33:20

Middle Channel / QPSK



Date: 7.JAN 2025 16:34:24

Highest Channel / QPSK

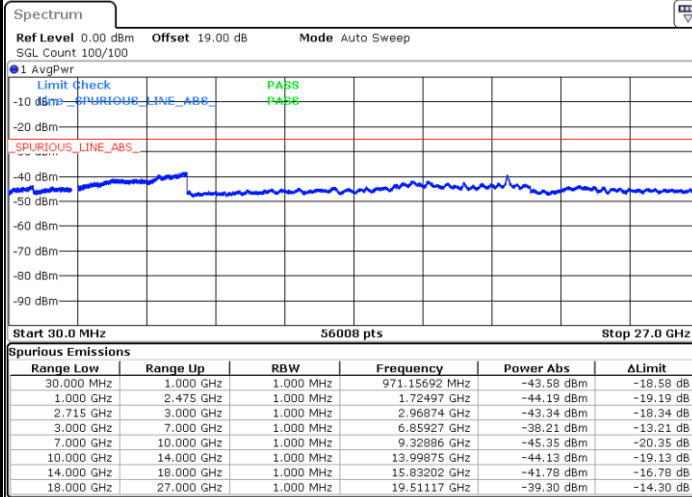


Date: 7.JAN 2025 16:43:20



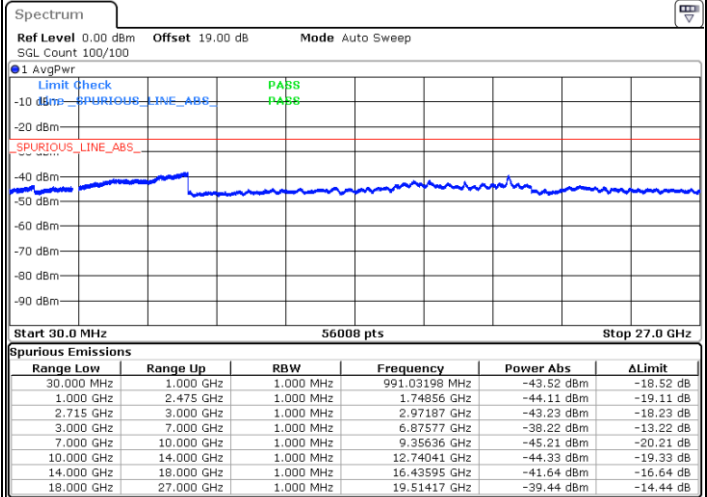
LTE Band 41 / 15MHz

Lowest Channel / QPSK



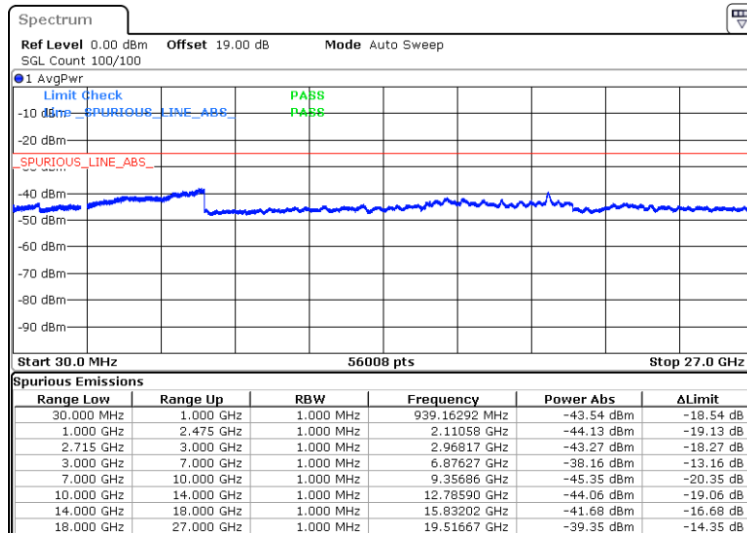
Date: 7.JAN 2025 16:51:41

Middle Channel / QPSK



Date: 7.JAN 2025 16:52:45

Highest Channel / QPSK

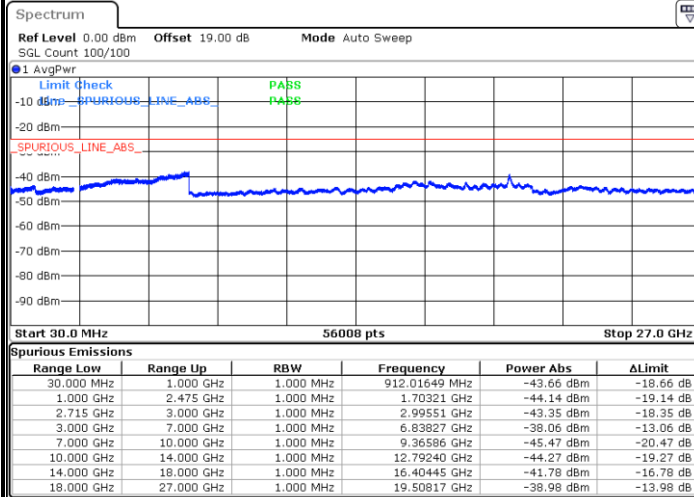


Date: 7.JAN 2025 17:01:42



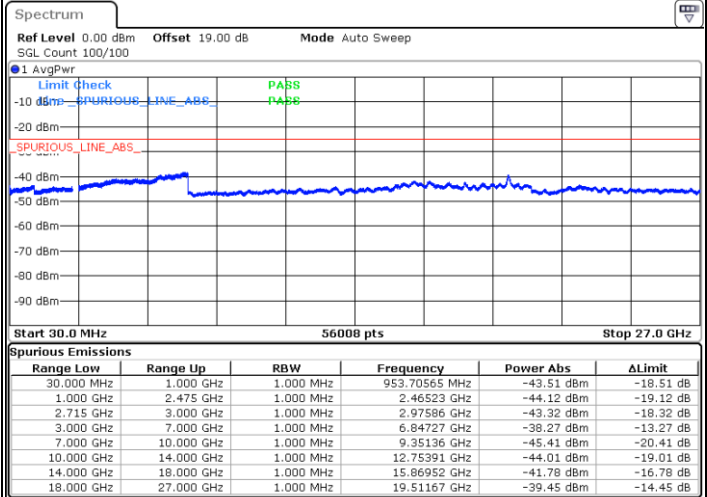
LTE Band 41 / 20MHz

Lowest Channel / QPSK



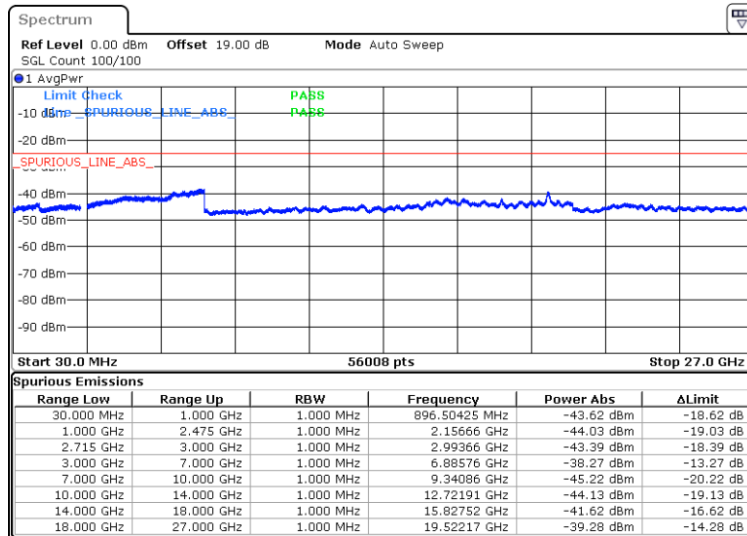
Date: 7.JAN.2025 17:10:03

Middle Channel / QPSK



Date: 7.JAN.2025 17:11:07

Highest Channel / QPSK



Date: 7.JAN.2025 17:21:24

**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	0.0013	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0009	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.93	25.23	30.03	25.28	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.98	29.91	34.97	39.88

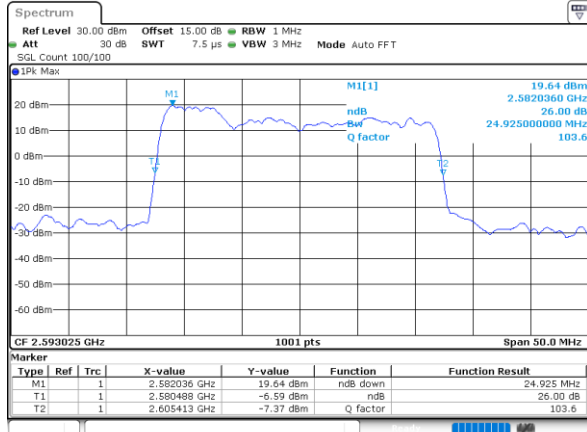
Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.83	25.23	29.91	25.33	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	24.93	29.91	34.97	40.04



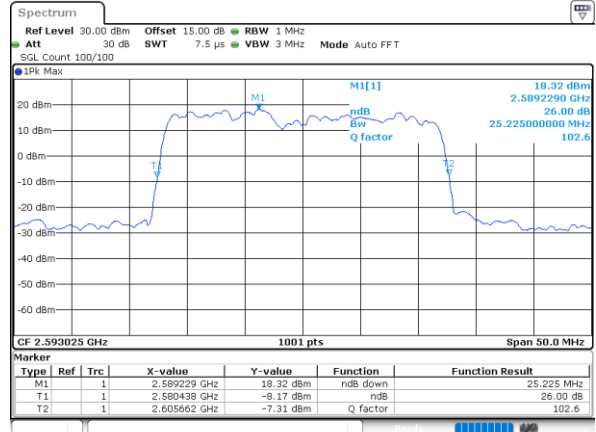
LTE Band 41C

QPSK

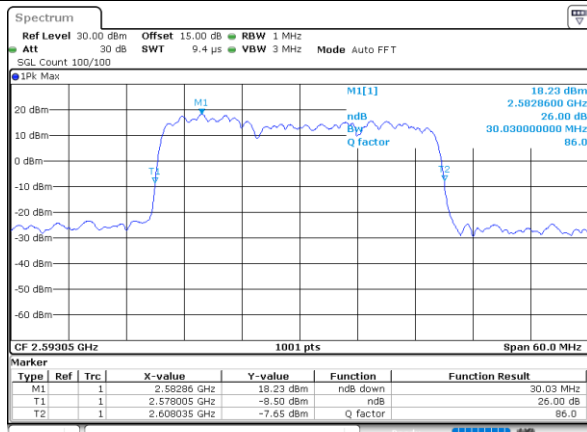
Middle Channel / 5MHz+20MHz



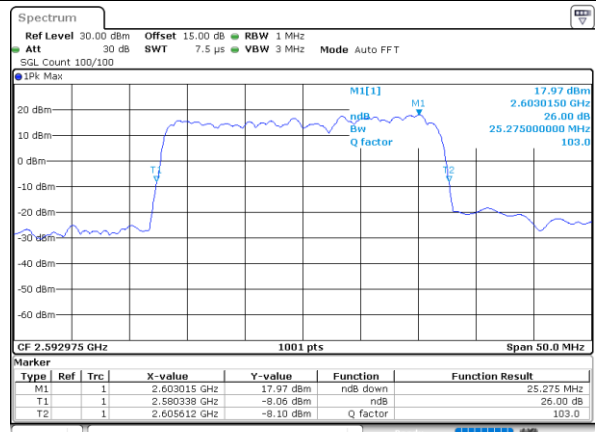
Middle Channel / 10MHz+15MHz



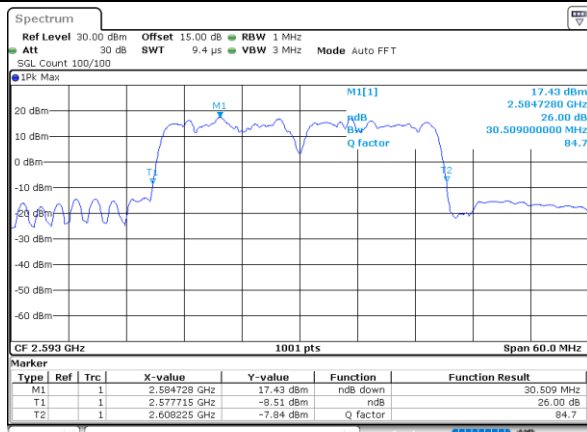
Middle Channel / 10MHz+20MHz



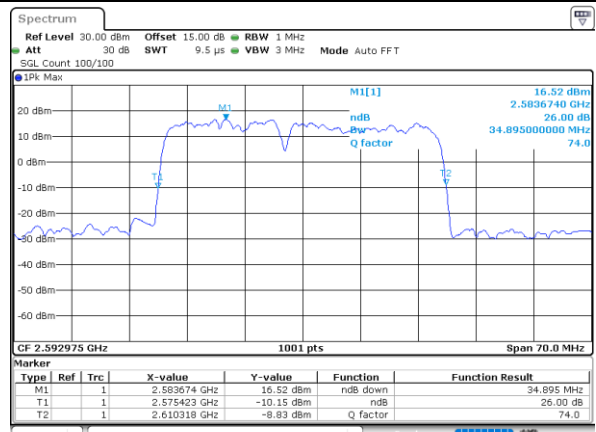
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

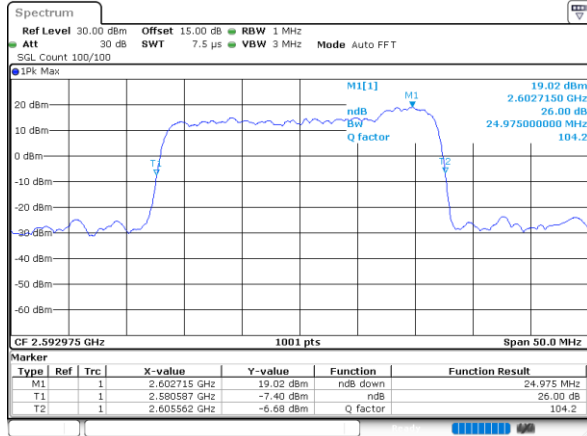




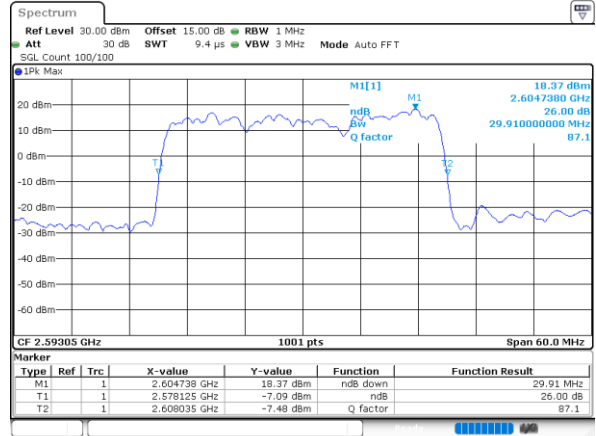
LTE Band 41C

QPSK

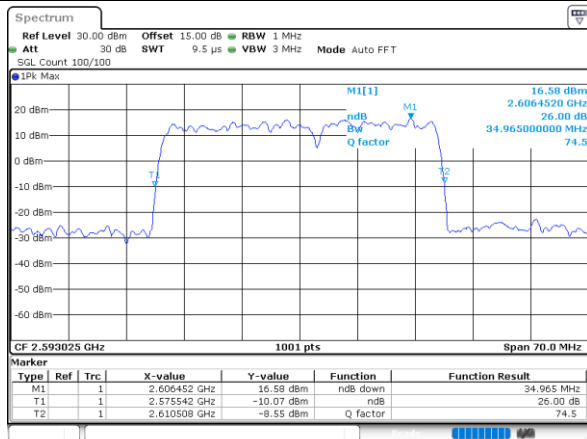
Middle Channel / 20MHz+5MHz



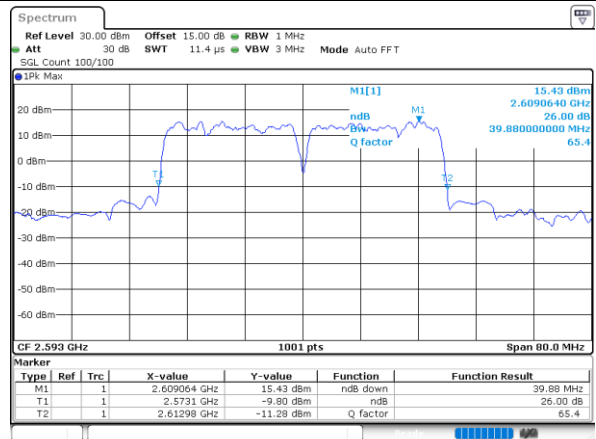
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

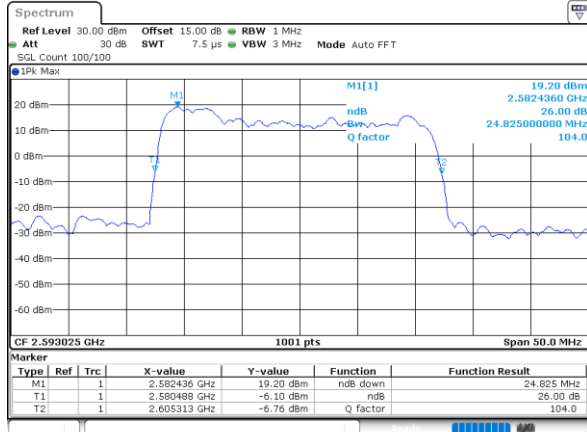




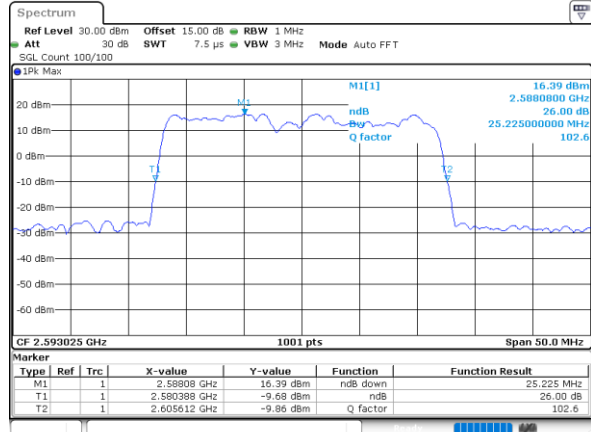
LTE Band 41C

16QAM

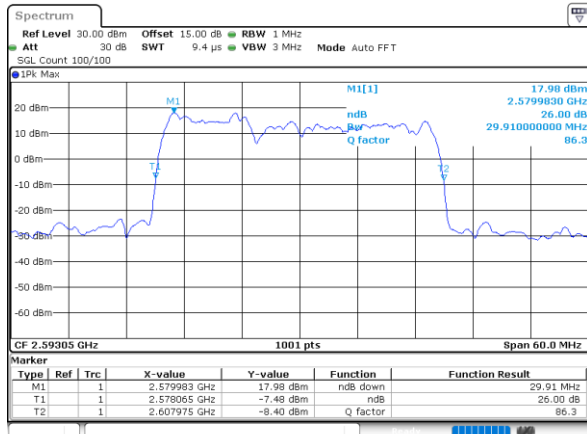
Middle Channel / 5MHz+20MHz



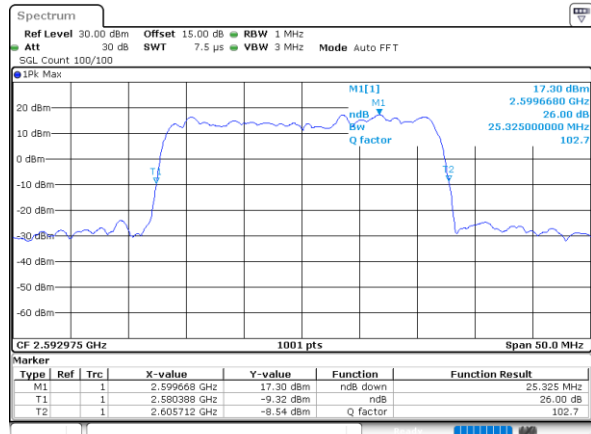
Middle Channel / 10MHz+15MHz



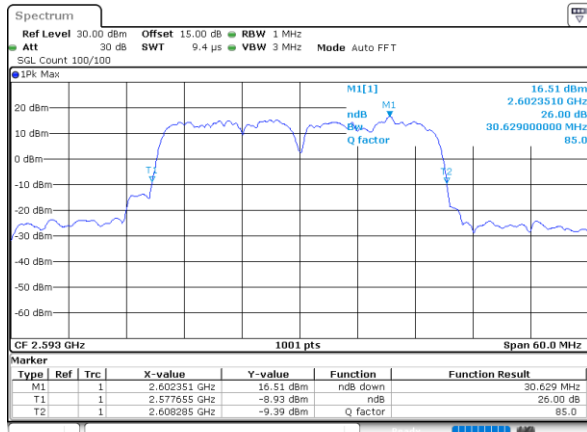
Middle Channel / 10MHz+20MHz



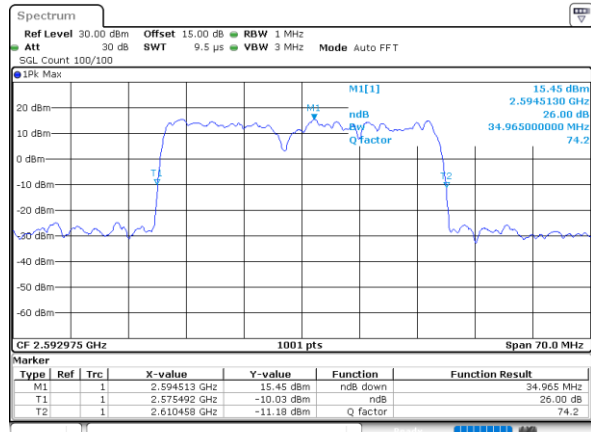
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

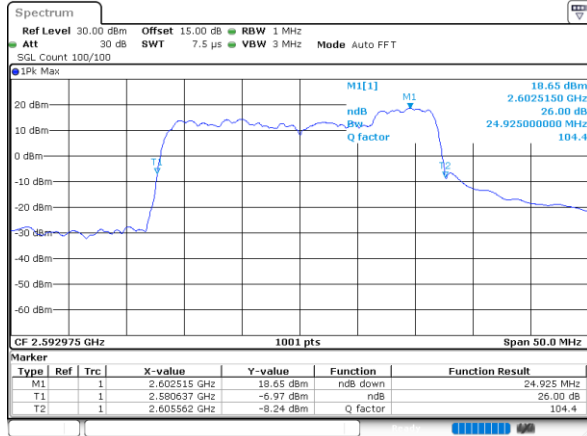




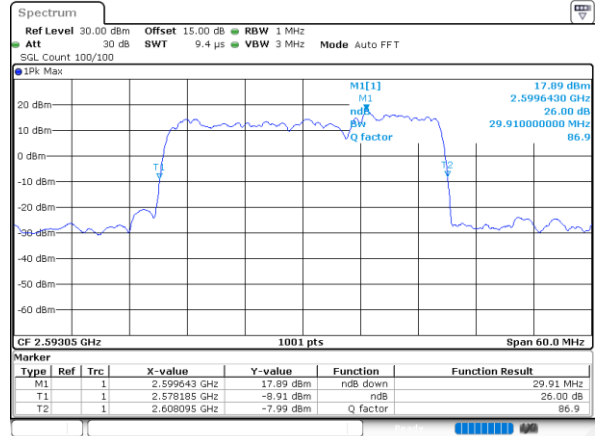
LTE Band 41C

16QAM

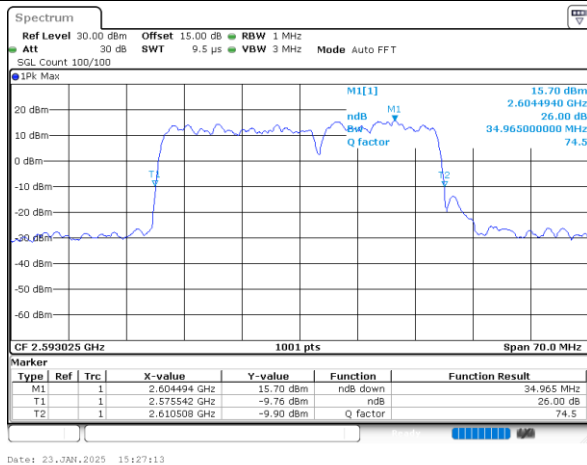
Middle Channel / 20MHz+5MHz



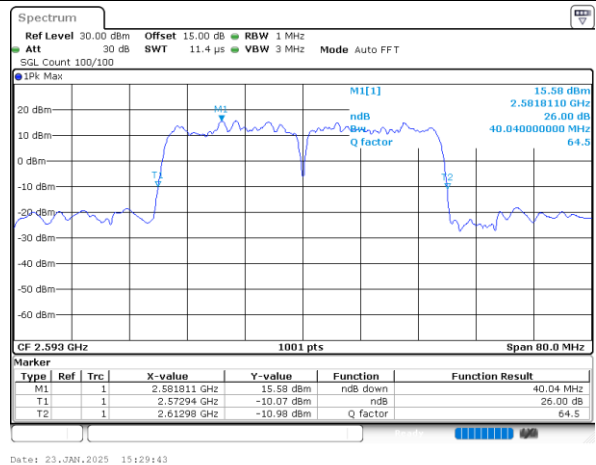
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



**Occupied Bandwidth**

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.08	23.48	28.05	23.38	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.87	23.38	27.99	32.87	37.80

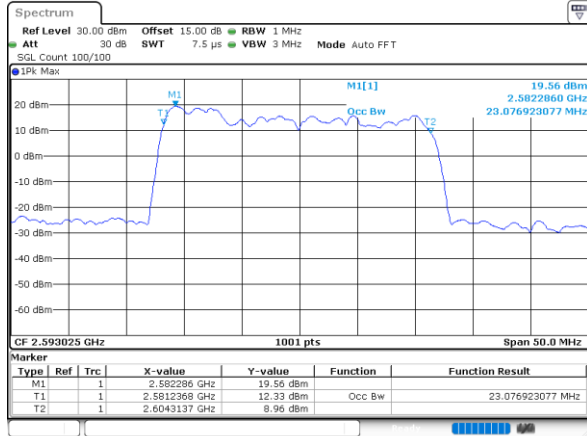
Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.13	23.43	27.99	23.63	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.01	23.28	27.75	32.73	37.56



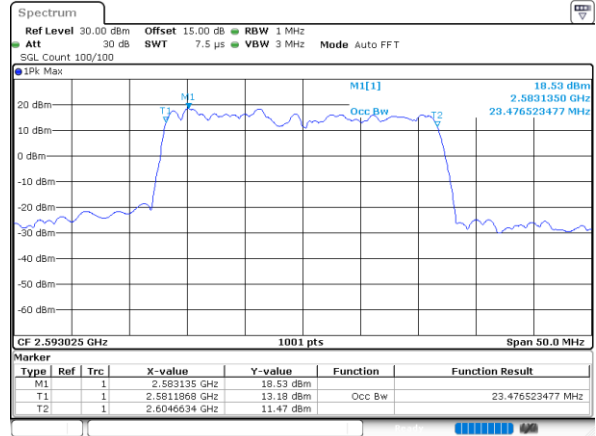
LTE Band 41C

QPSK

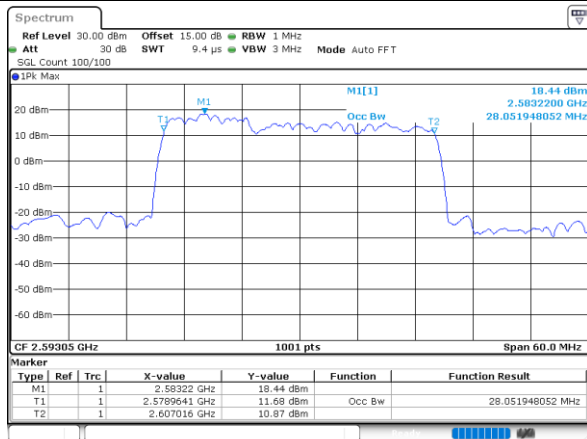
Middle Channel / 5MHz+20MHz



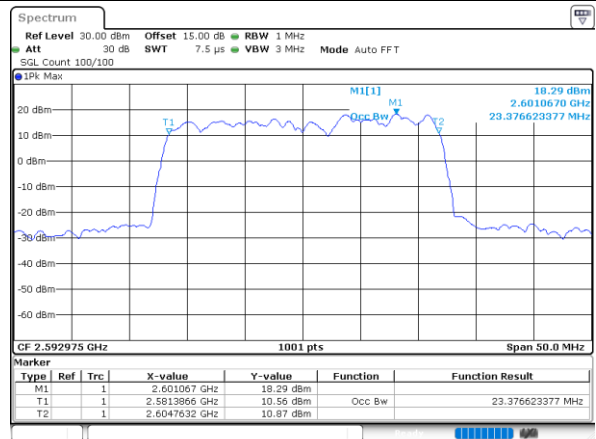
Middle Channel / 10MHz+15MHz



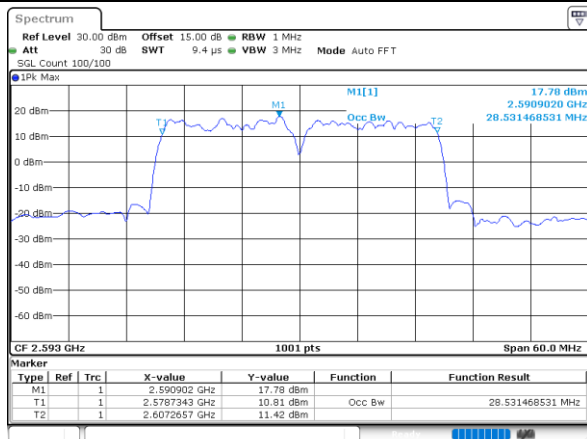
Middle Channel / 10MHz+20MHz



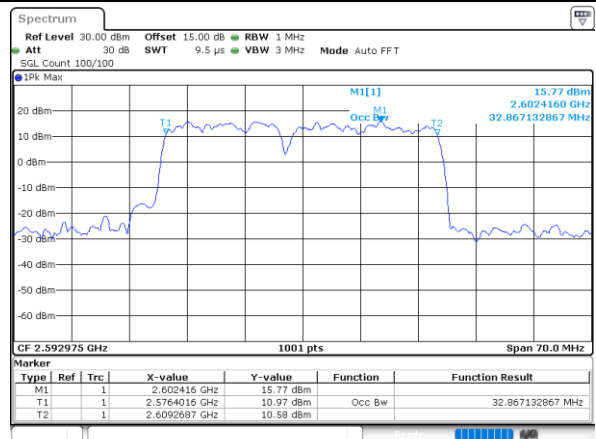
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

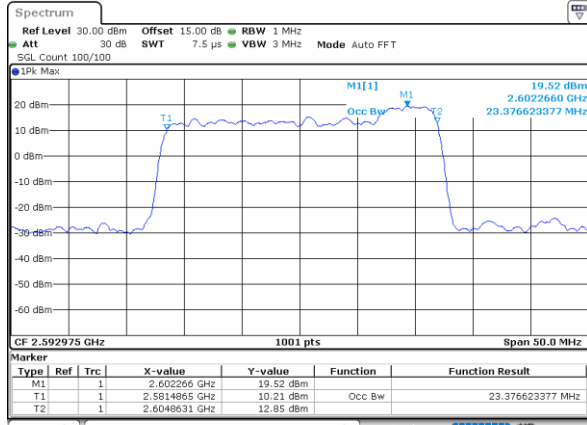




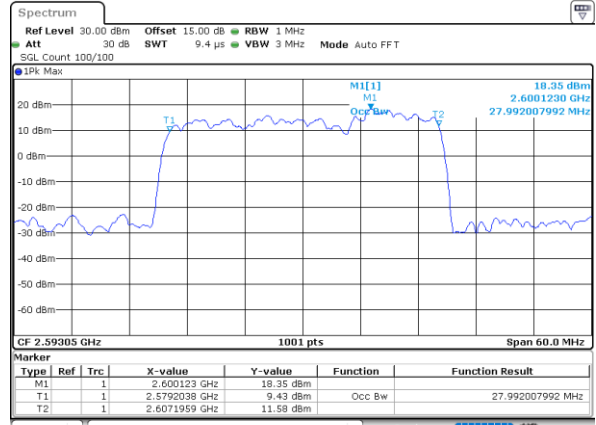
LTE Band 41C

QPSK

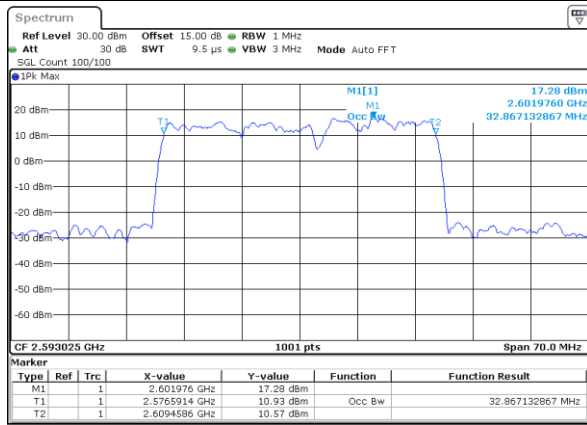
Middle Channel / 20MHz+5MHz



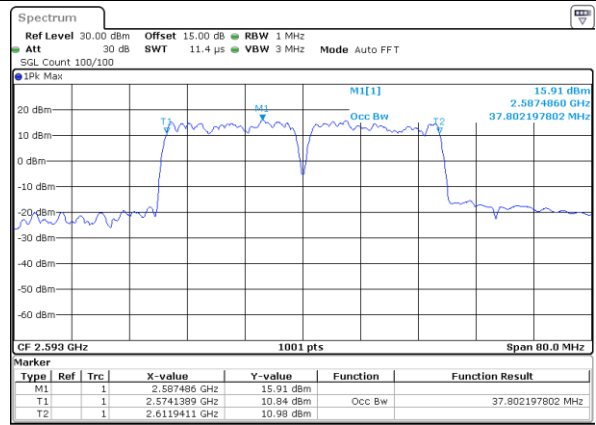
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

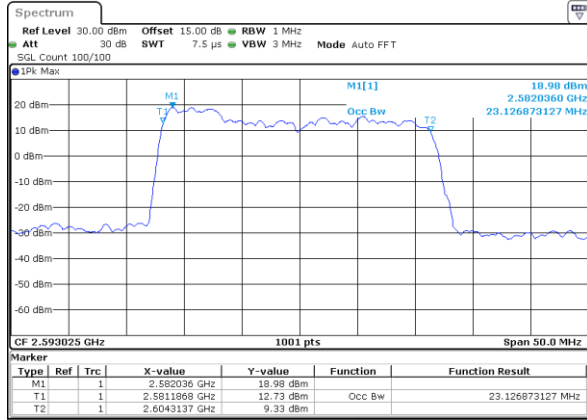




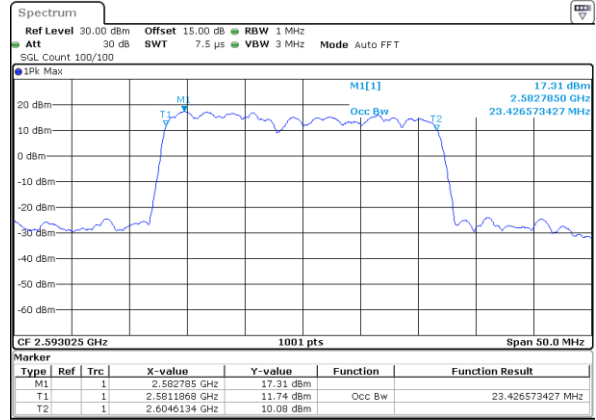
LTE Band 41C

16QAM

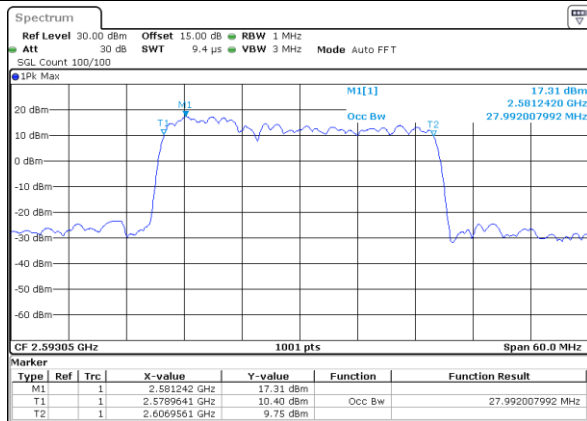
Middle Channel / 5MHz+20MHz



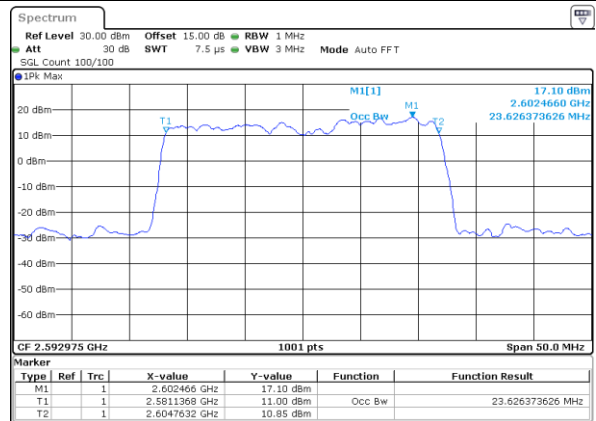
Middle Channel / 10MHz+15MHz



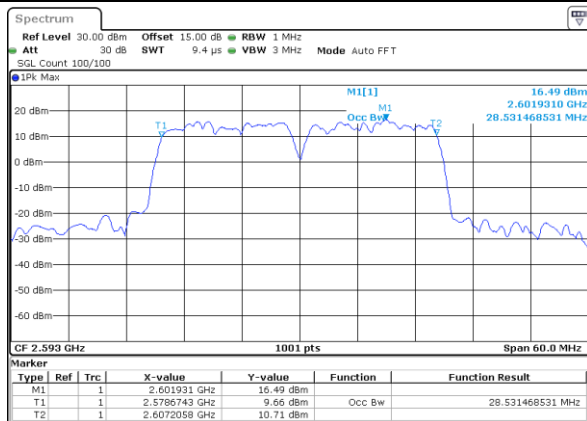
Middle Channel / 10MHz+20MHz



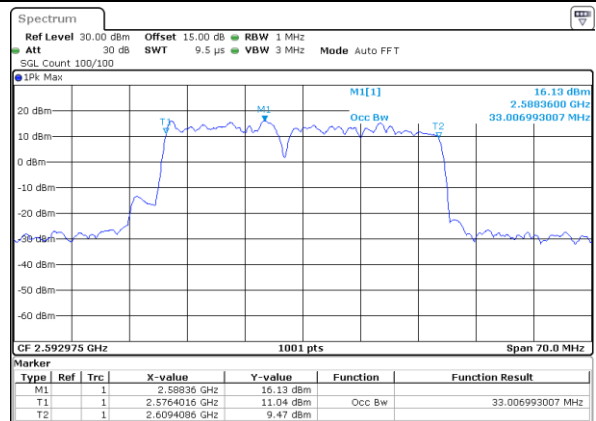
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

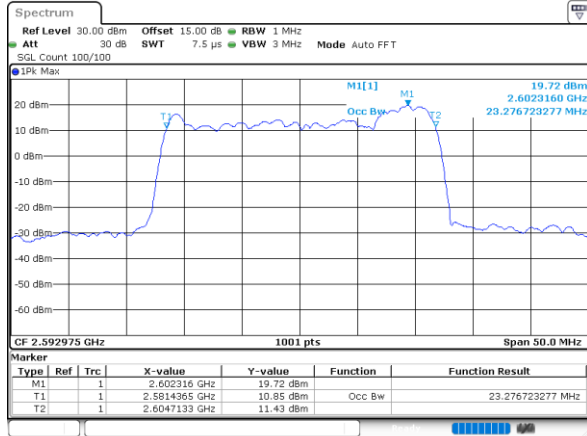




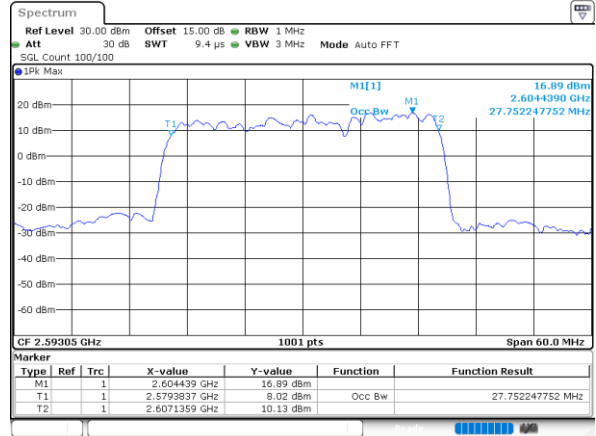
LTE Band 41C

16QAM

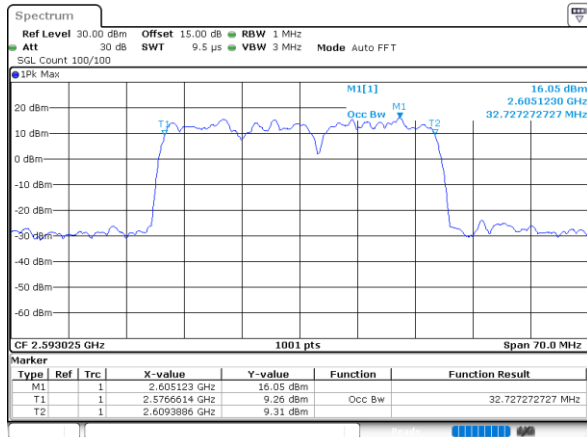
Middle Channel / 20MHz+5MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

