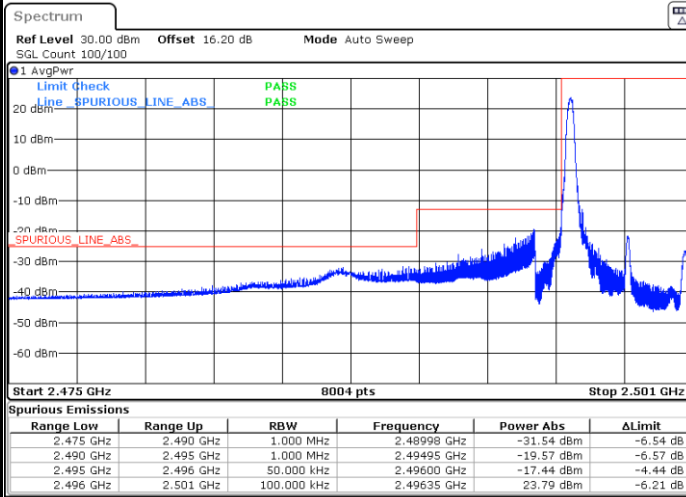




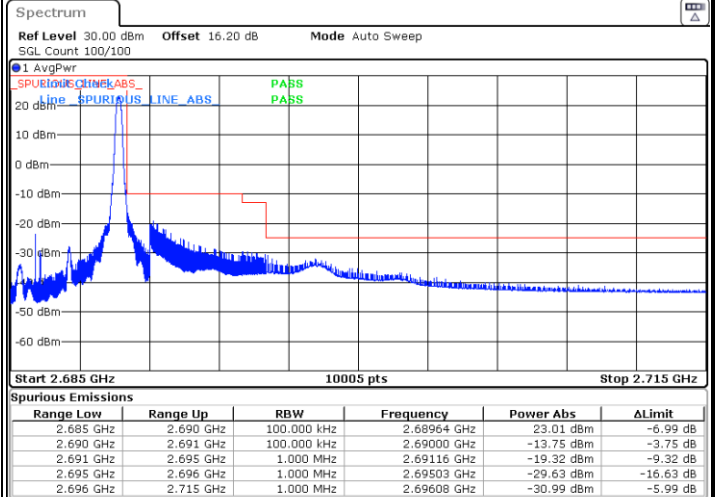
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



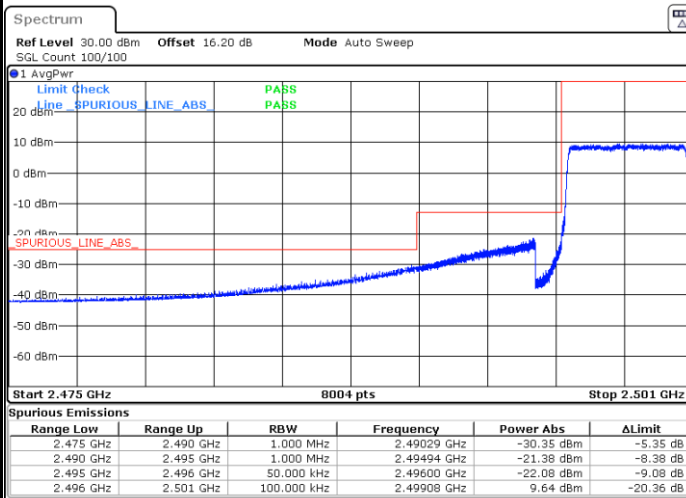
Date: 3.DEC.2022 00:13:41

Highest Band Edge / 1 RB



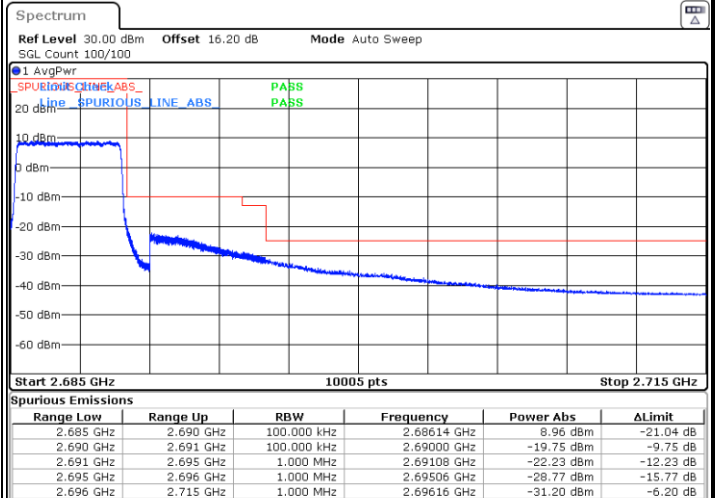
Date: 3.DEC.2022 00:32:15

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:19:07

Highest Band Edge / Full RB

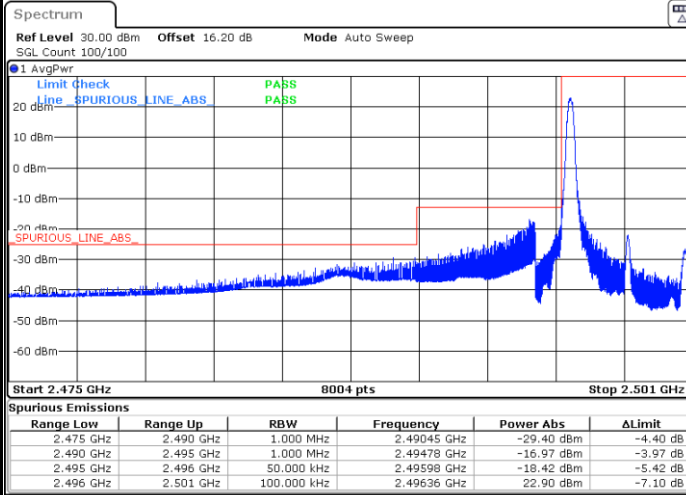


Date: 3.DEC.2022 00:27:37

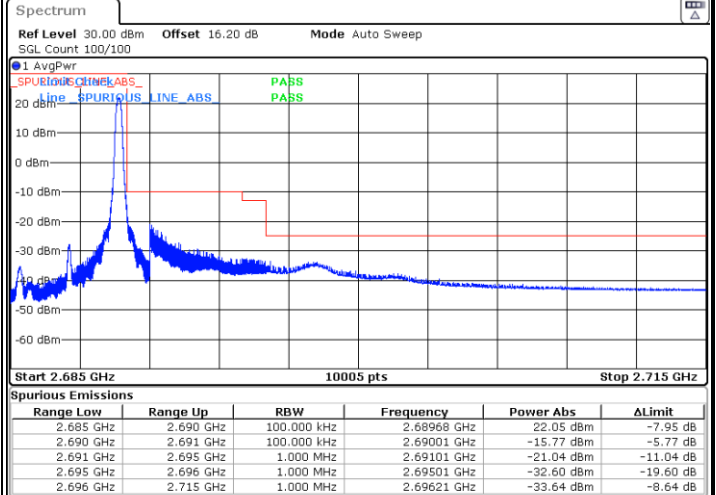


LTE Band 41 / 5MHz / 64QAM

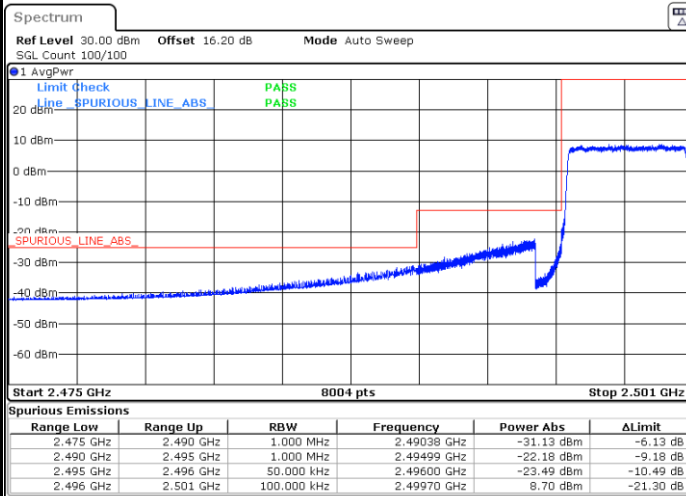
Lowest Band Edge / 1RB



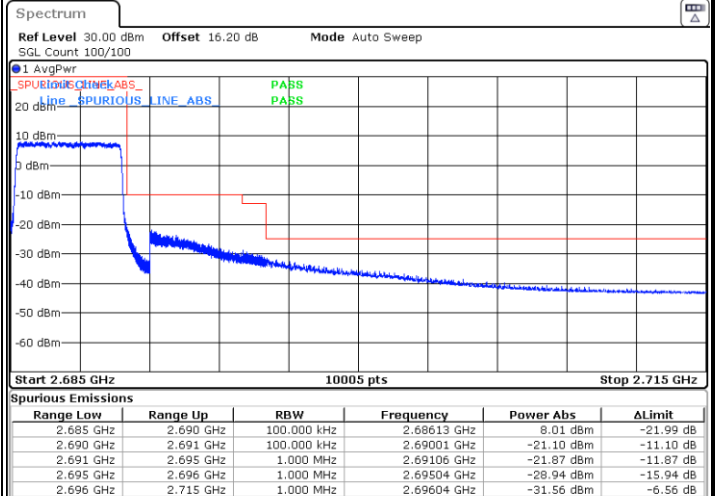
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



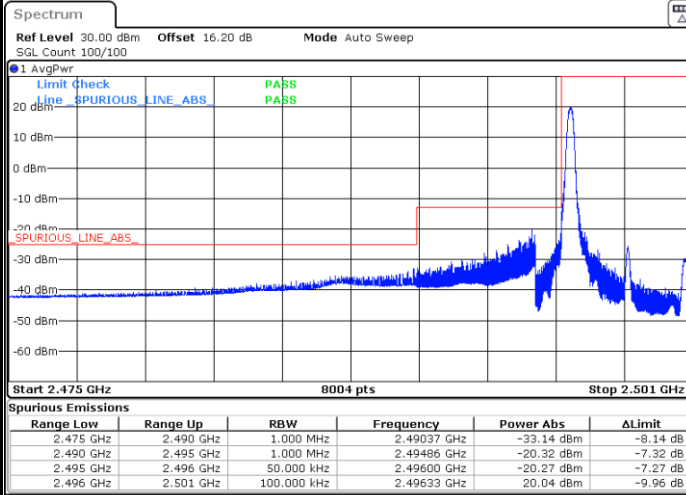
Highest Band Edge / Full RB





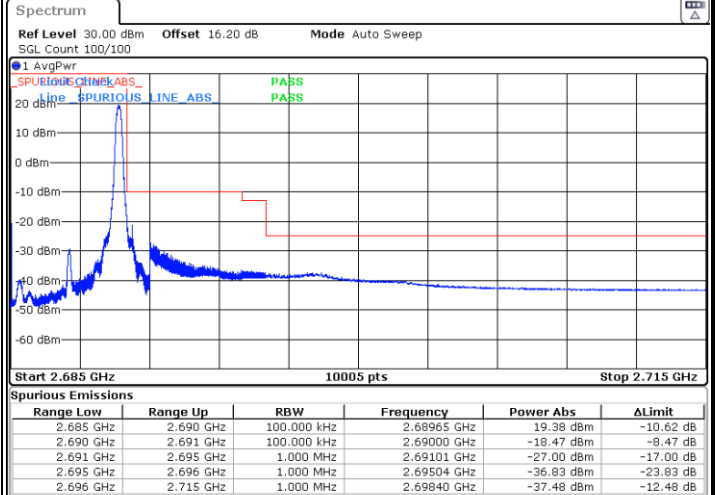
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



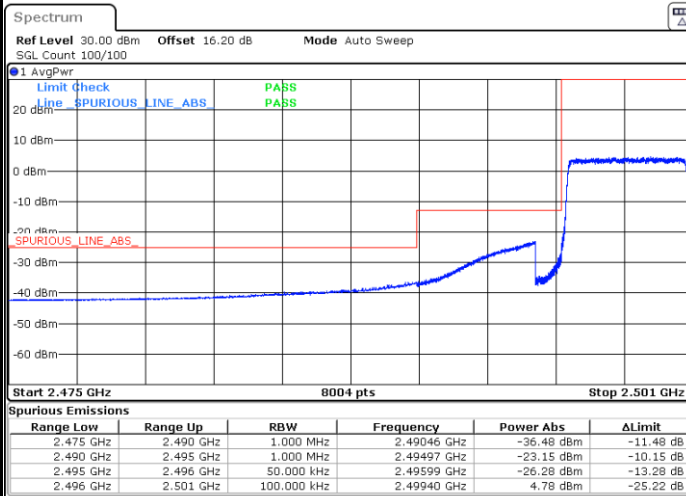
Date: 3.DEC.2022 00:15:43

Highest Band Edge / 1 RB



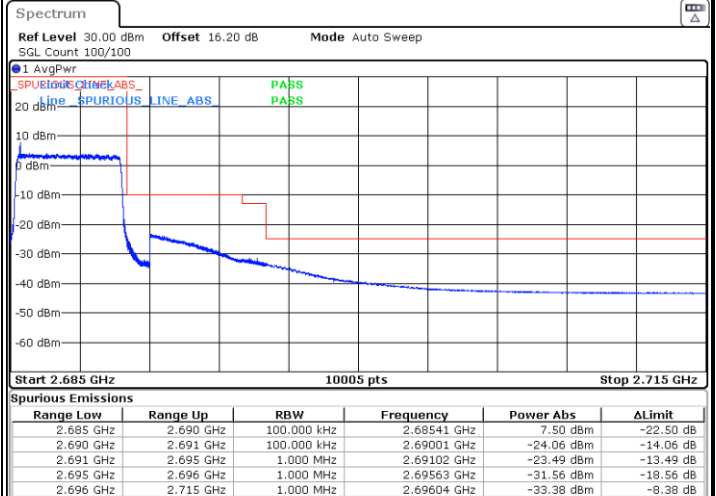
Date: 3.DEC.2022 00:34:31

Lowest Band Edge / Full RB



Date: 3.DEC.2022 00:21:09

Highest Band Edge / Full RB

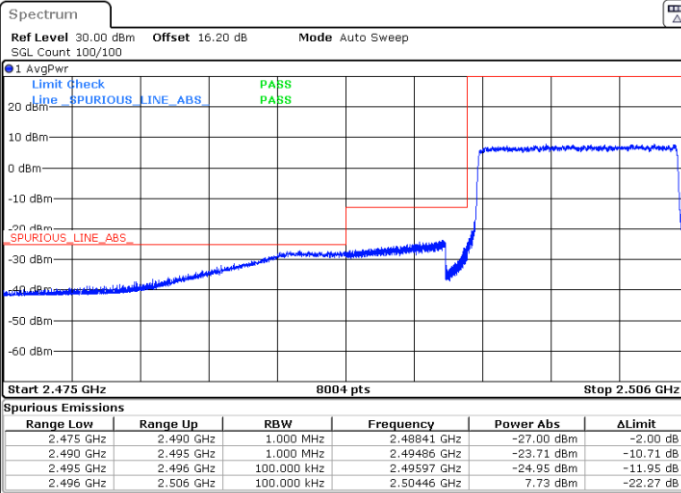


Date: 3.DEC.2022 00:29:54

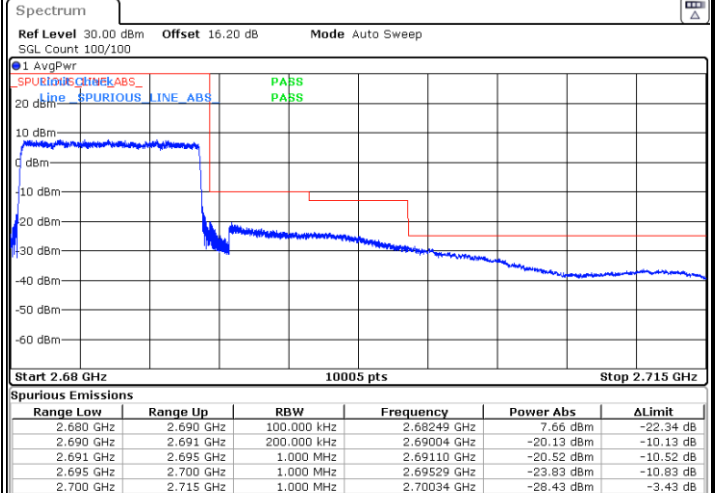


LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB

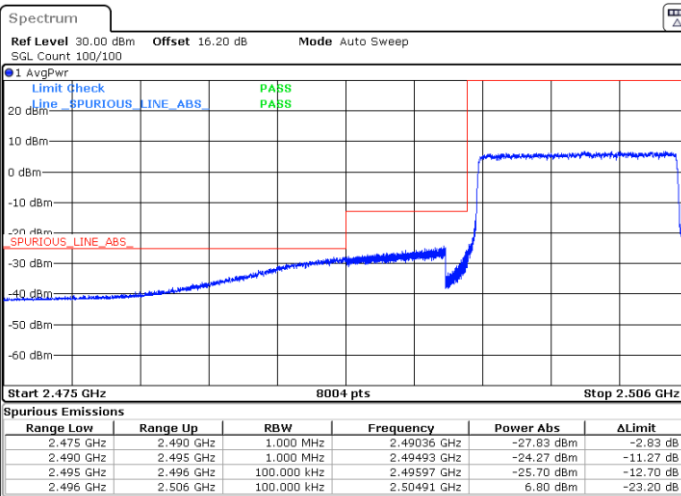


Highest Band Edge / Full RB

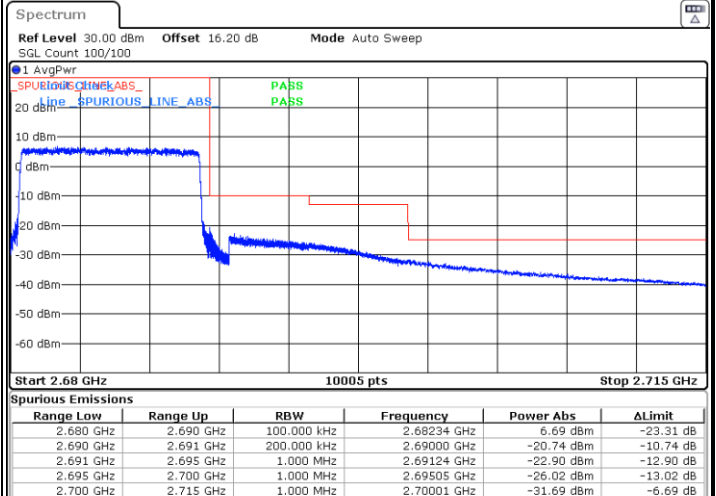


LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / Full RB



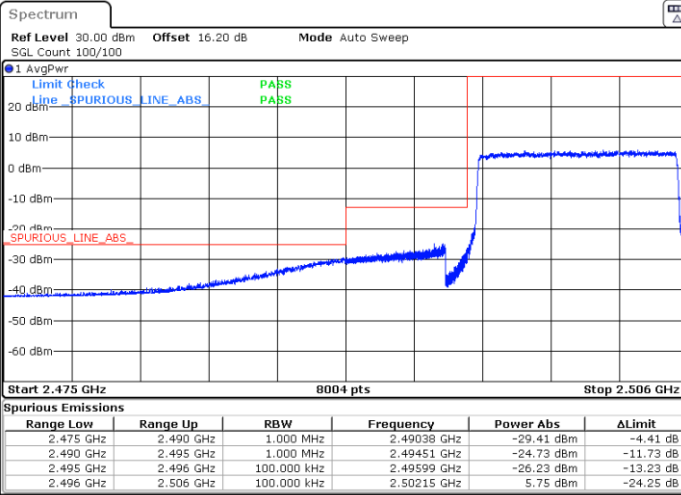
Highest Band Edge / Full RB



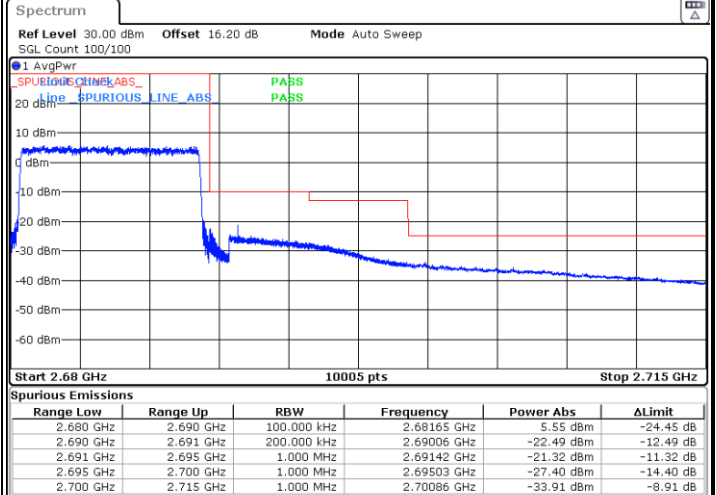


LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / Full RB

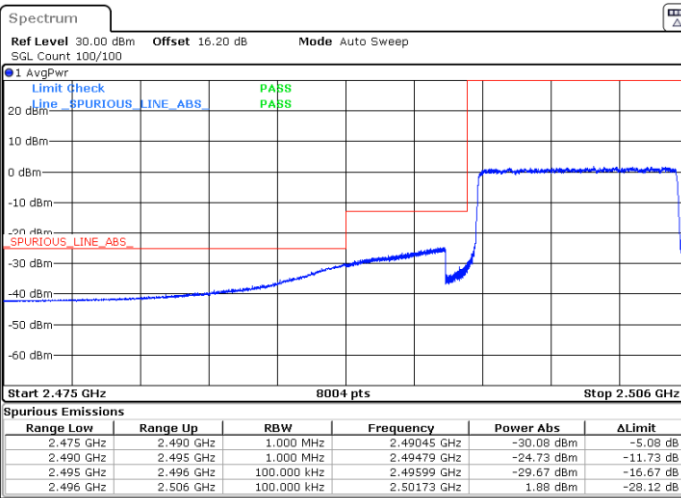


Highest Band Edge / Full RB

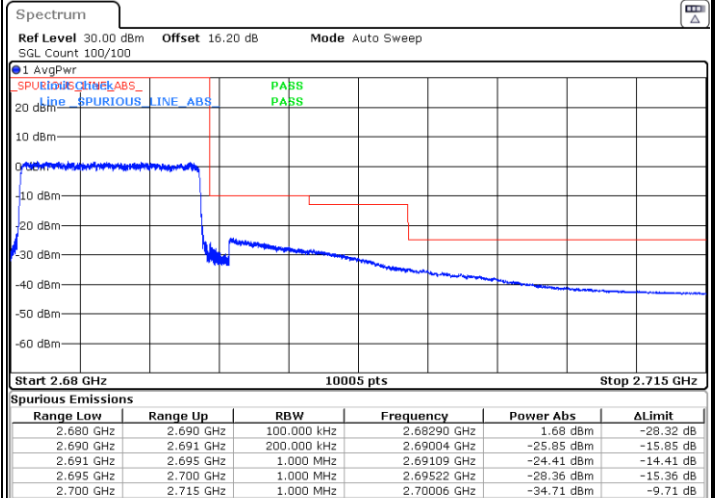


LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / Full RB



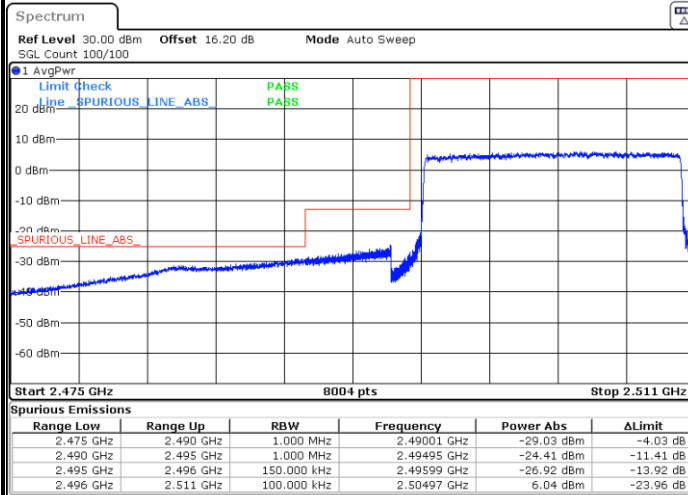
Highest Band Edge / Full RB



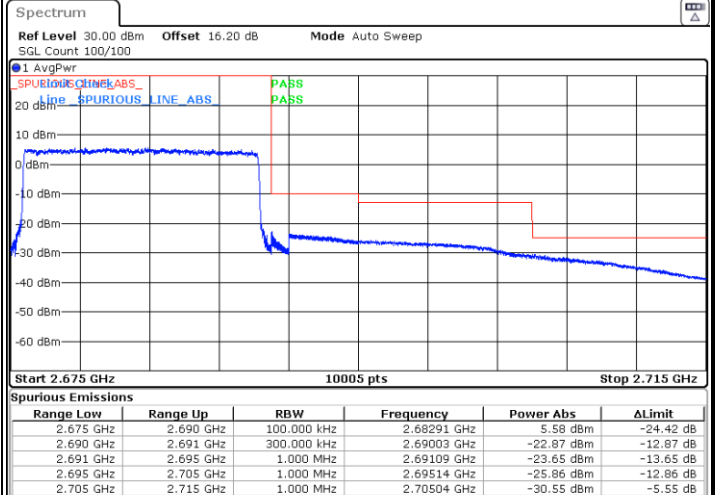


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB

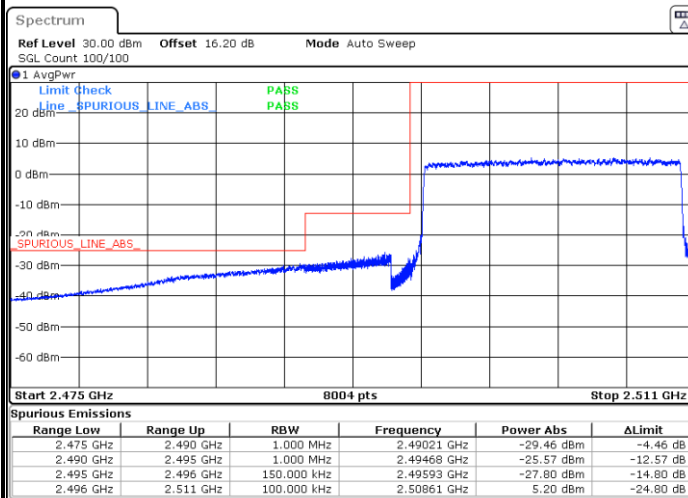


Highest Band Edge / Full RB

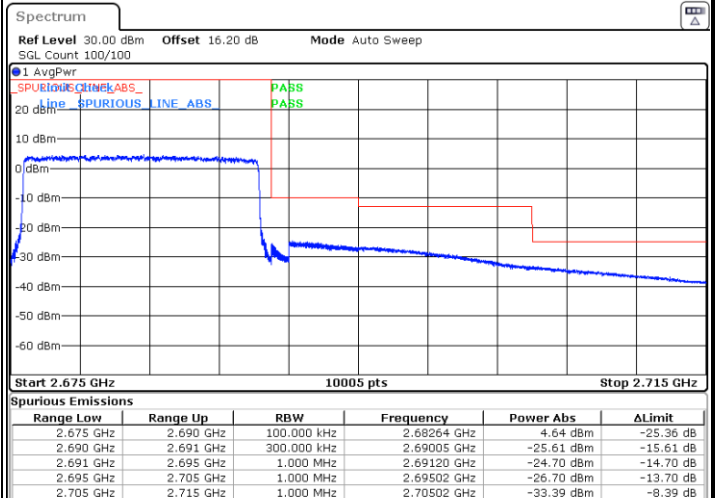


LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / Full RB



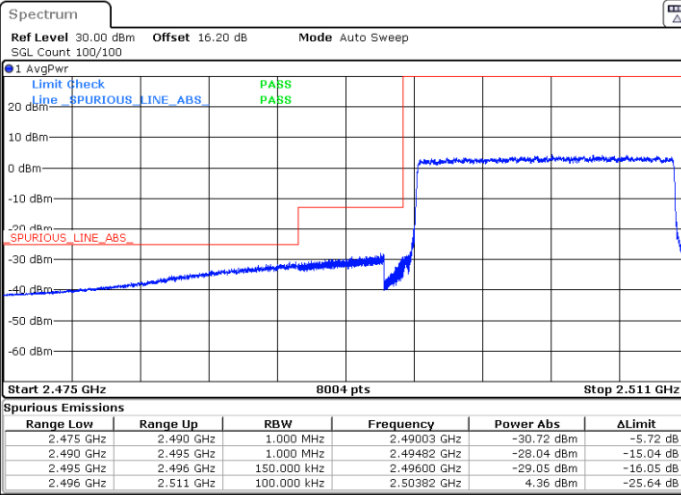
Highest Band Edge / Full RB



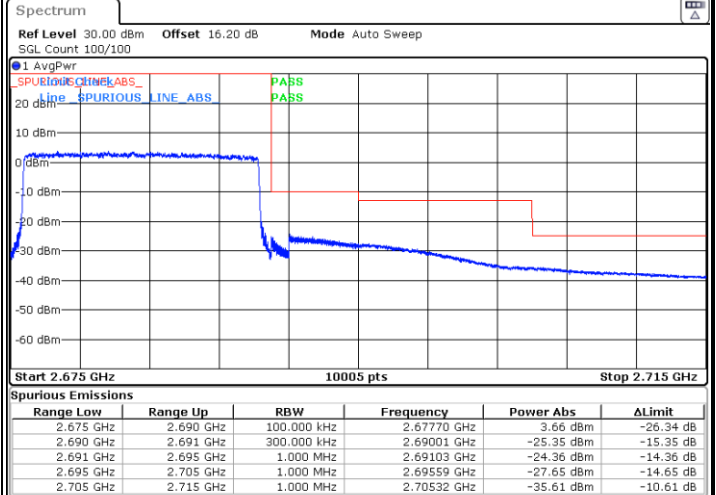


LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / Full RB

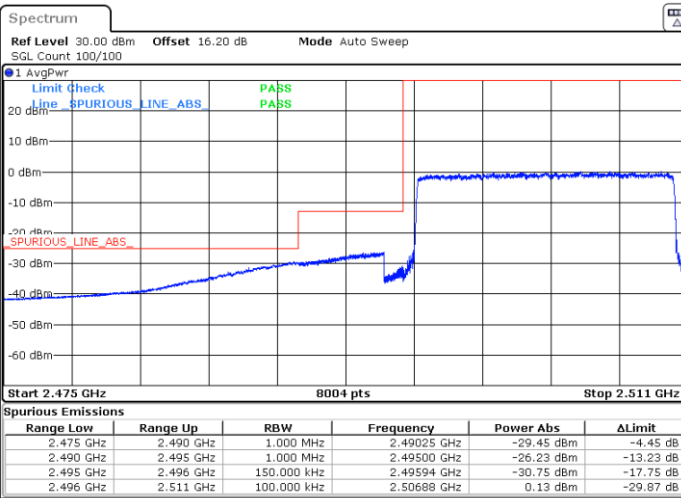


Highest Band Edge / Full RB

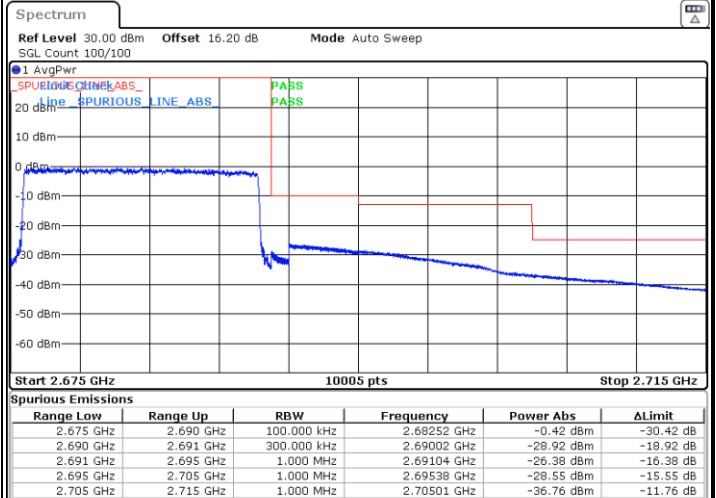


LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

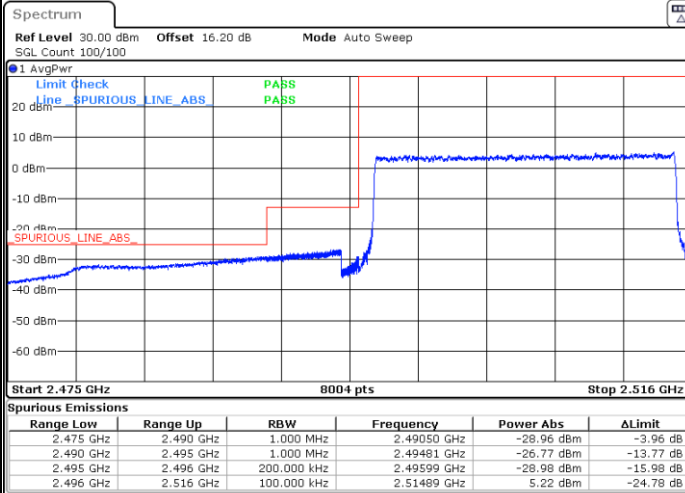




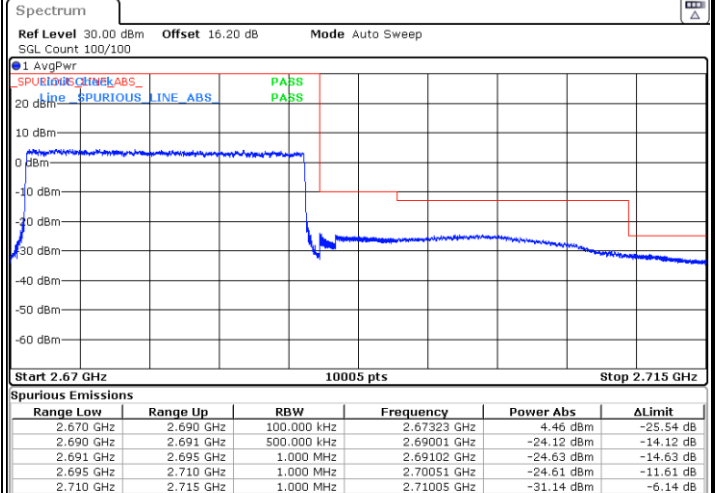
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2022 01:06:41

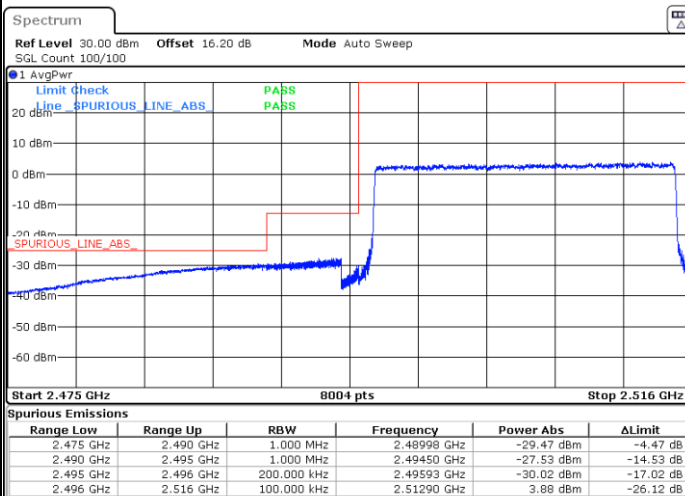


Date: 3.DEC.2022 01:14:42

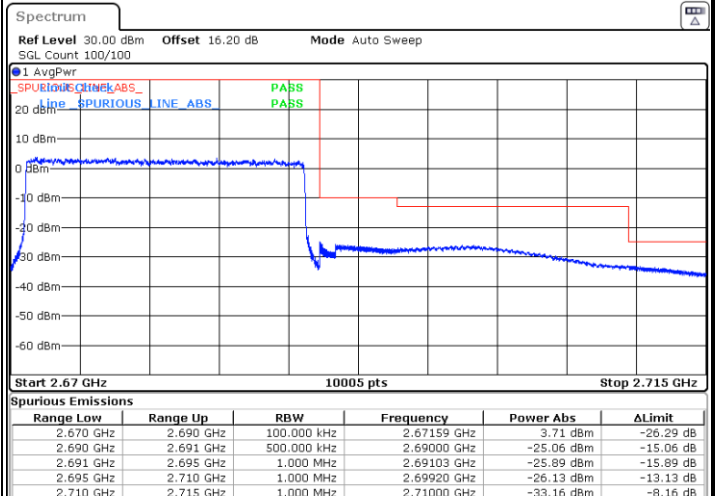
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 3.DEC.2022 01:07:41

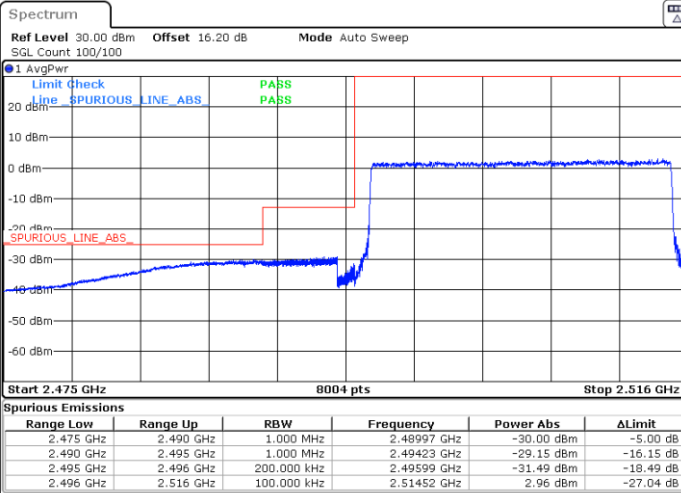


Date: 3.DEC.2022 01:15:43

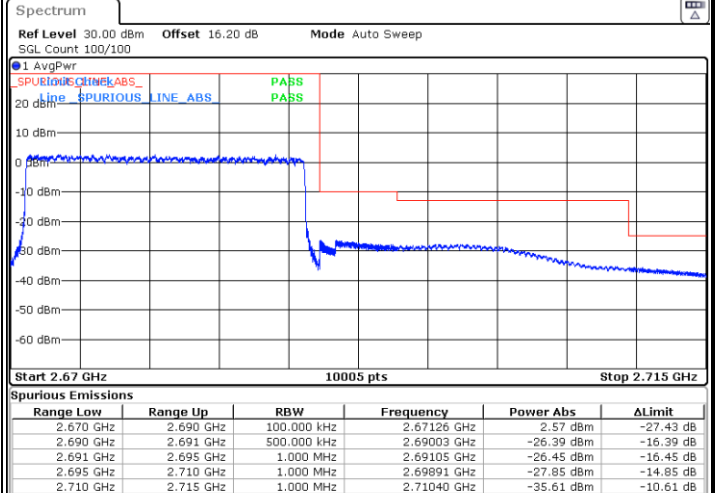


LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / Full RB

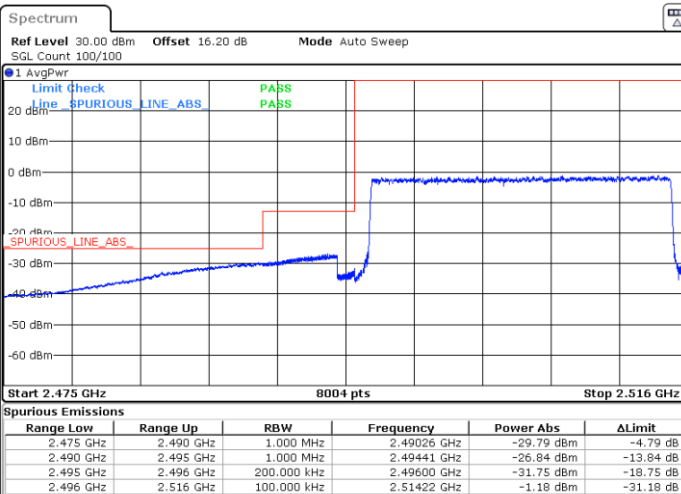


Highest Band Edge / Full RB

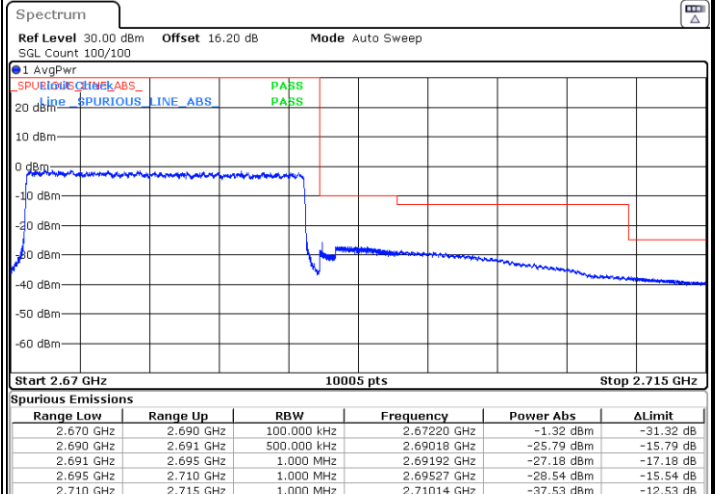


LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

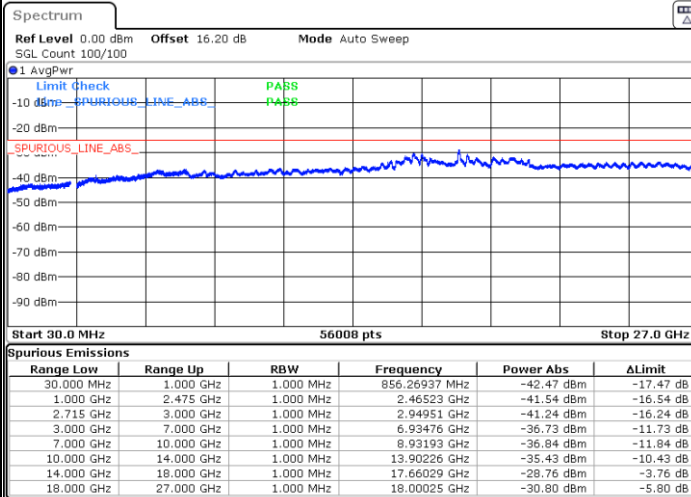




Conducted Spurious Emission

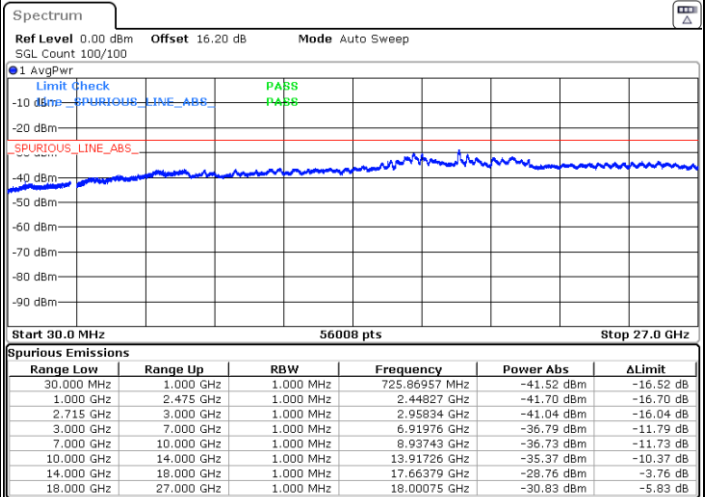
LTE Band 41 / 5MHz

Lowest Channel / QPSK



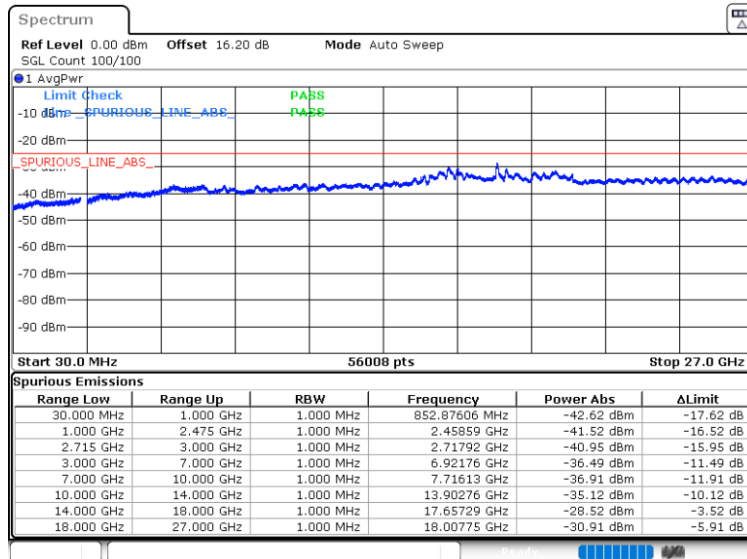
Date: 3.DEC.2022 00:17:03

Middle Channel / QPSK



Date: 3.DEC.2022 00:22:28

Highest Channel / QPSK

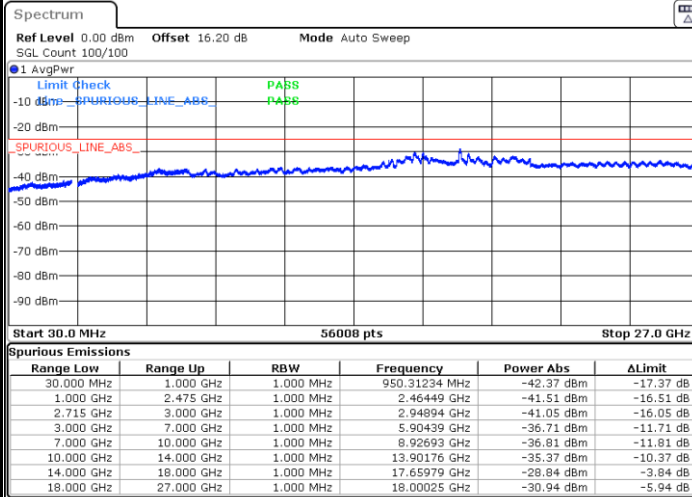


Date: 3.DEC.2022 00:35:50



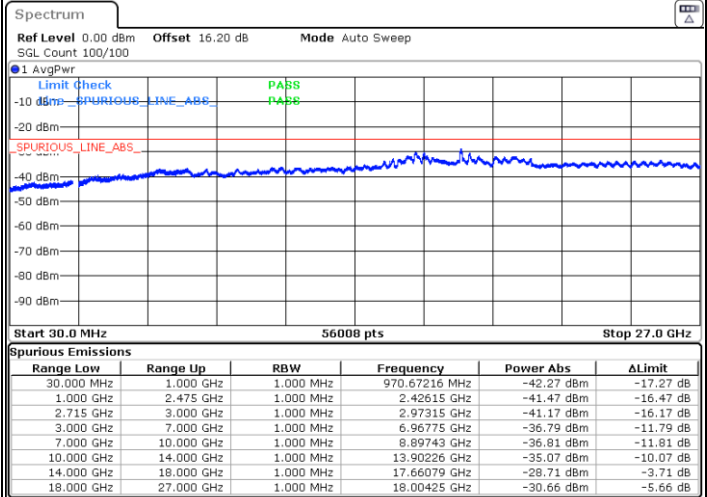
LTE Band 41 / 10MHz

Lowest Channel / QPSK



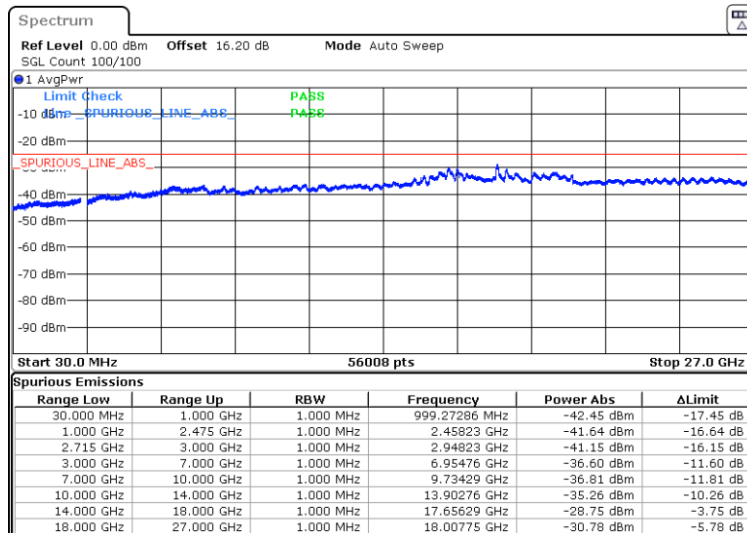
Date: 3.DEC.2022 01:19:08

Middle Channel / QPSK



Date: 3.DEC.2022 01:20:29

Highest Channel / QPSK

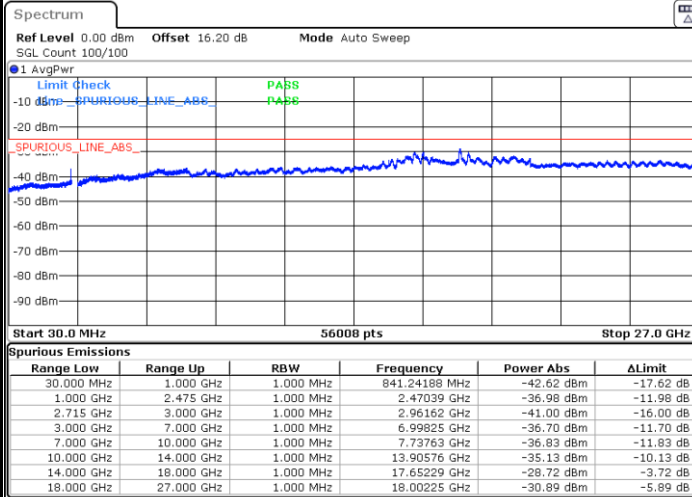


Date: 3.DEC.2022 01:21:49



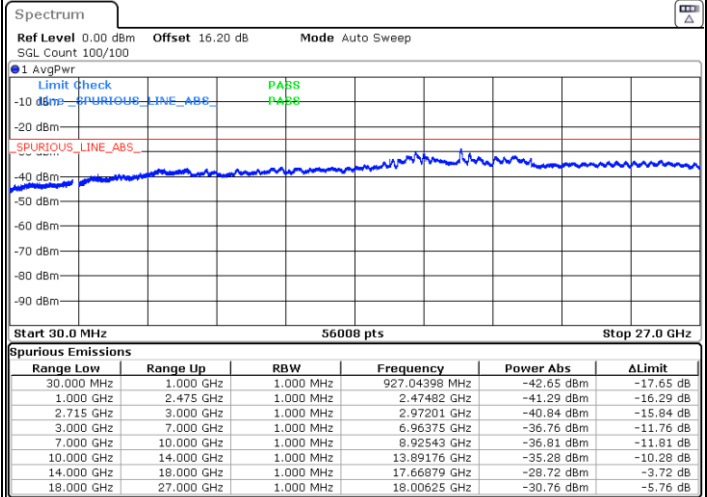
LTE Band 41 / 15MHz

Lowest Channel / QPSK



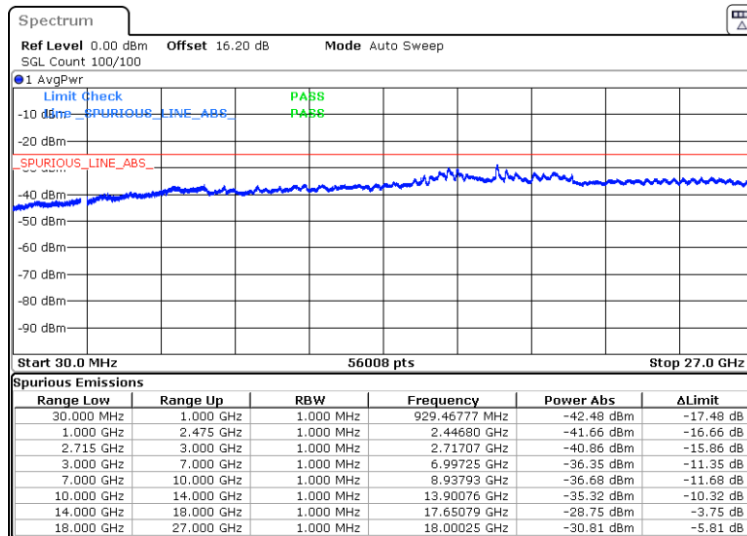
Date: 3.DEC.2022 01:23:13

Middle Channel / QPSK



Date: 3.DEC.2022 01:24:34

Highest Channel / QPSK

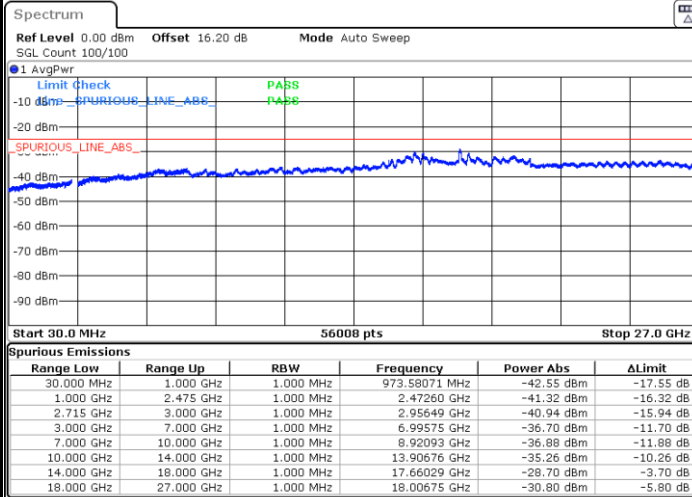


Date: 3.DEC.2022 01:25:54



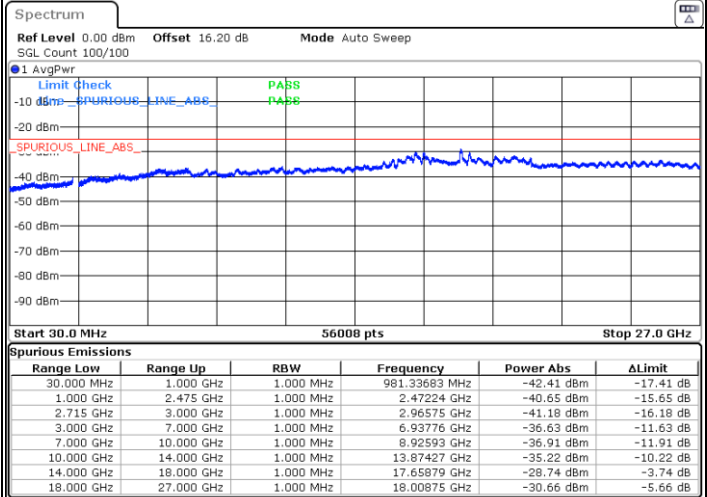
LTE Band 41 / 20MHz

Lowest Channel / QPSK



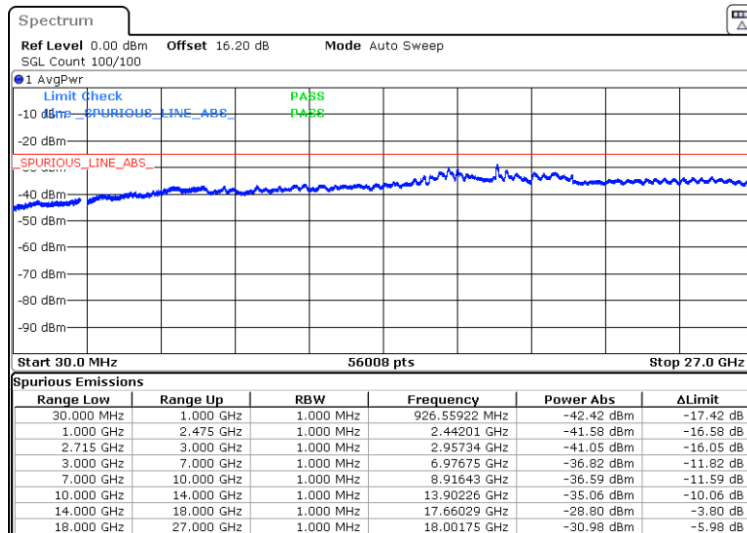
Date: 3.DEC.2022 01:27:20

Middle Channel / QPSK



Date: 3.DEC.2022 01:28:40

Highest Channel / QPSK



Date: 3.DEC.2022 01:30:00

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	0.0008	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0052	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0030	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0056	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0029	

Note:

1. Normal Voltage = 3.88 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 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	24.73	25.13	29.85	25.13	32.49
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	24.98	30.03	34.90	39.80

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.18	29.85	25.13	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	25.03	30.15	34.90	39.72

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.73	25.13	29.91	25.28	30.99
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.83	24.93	30.57	34.90	39.80

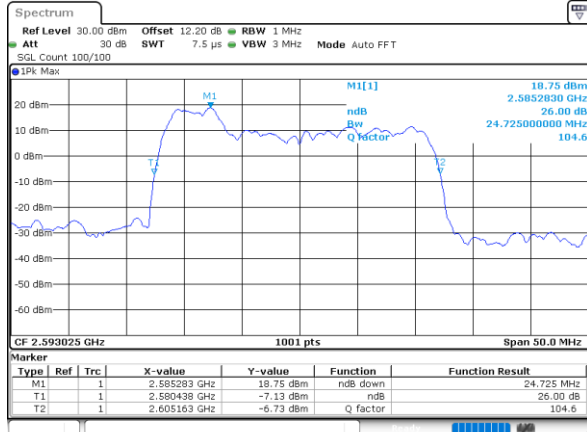
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.73	25.23	29.97	25.03	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	24.93	29.97	35.04	39.88



LTE Band 41C

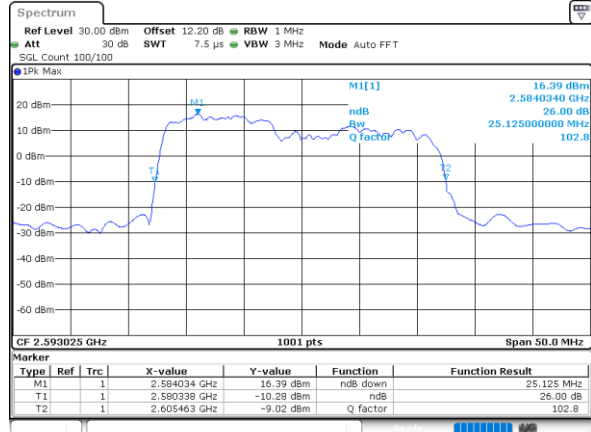
QPSK

Middle Channel / 5MHz+20MHz



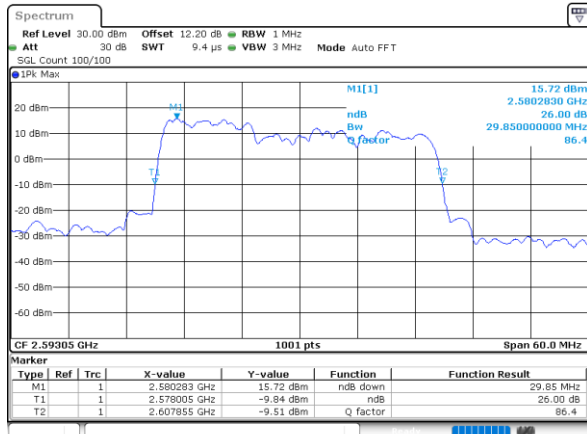
Date: 26.NOV.2022 00:00:41

Middle Channel / 10MHz+15MHz



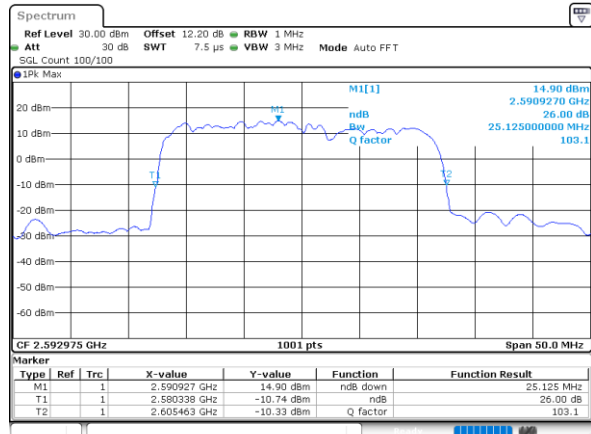
Date: 26.NOV.2022 00:11:10

Middle Channel / 10MHz+20MHz



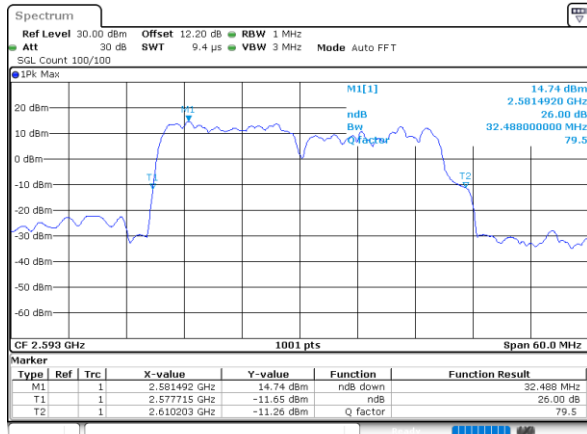
Date: 26.NOV.2022 00:26:22

Middle Channel / 15MHz+10MHz



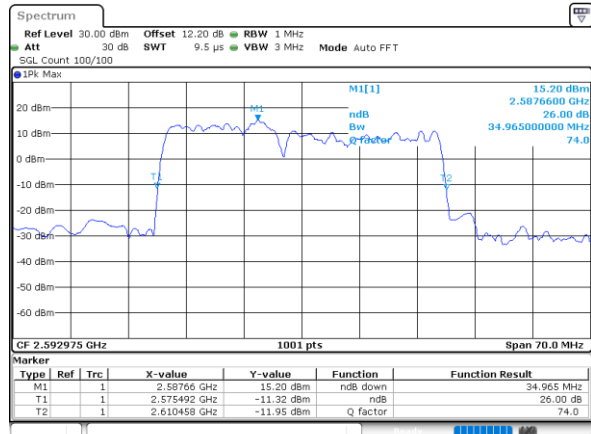
Date: 26.NOV.2022 00:16:57

Middle Channel / 15MHz+15MHz



Date: 26.NOV.2022 00:36:08

Middle Channel / 15MHz+20MHz

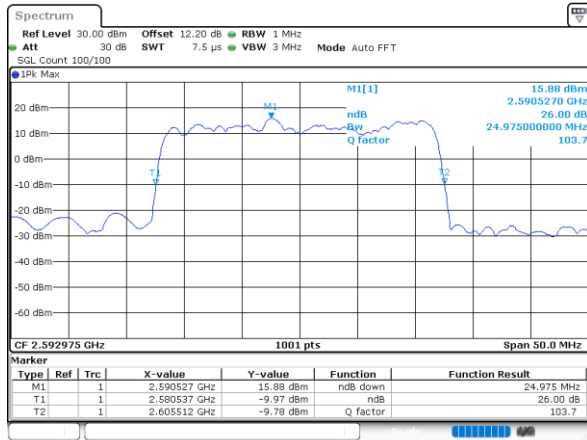


Date: 26.NOV.2022 00:41:49

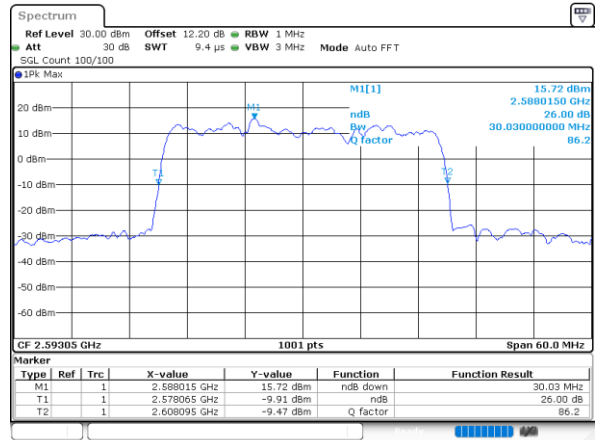


LTE Band 41C

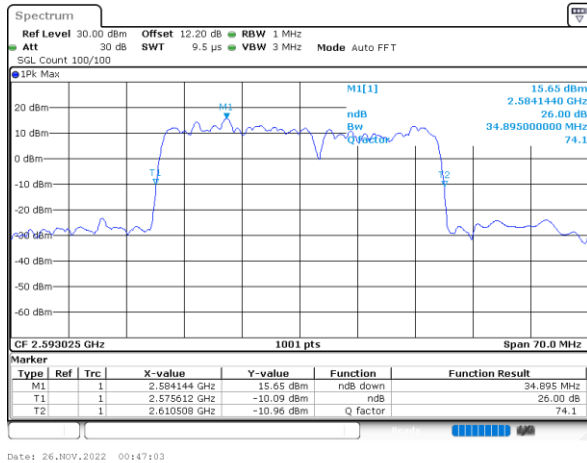
Middle Channel / 20MHz+5MHz



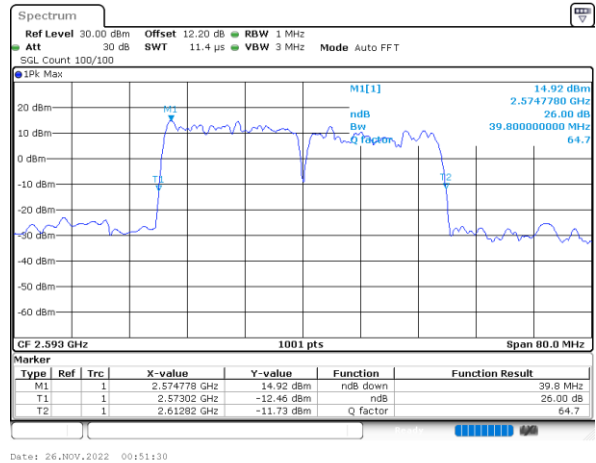
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



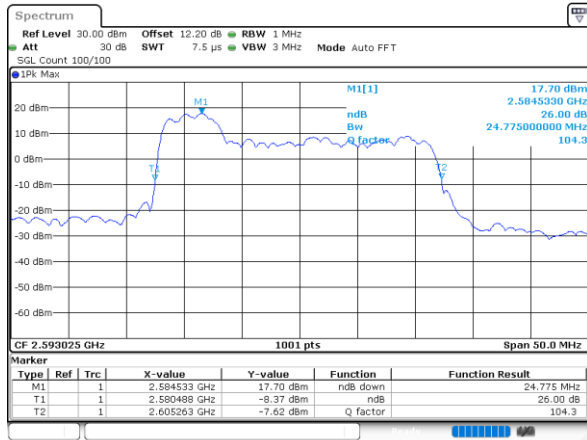
Middle Channel / 20MHz+20MHz



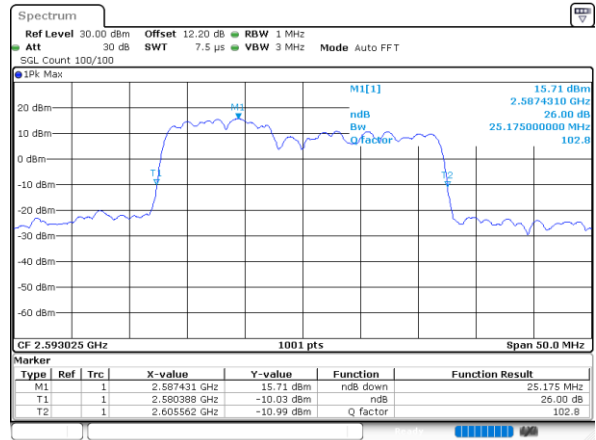


LTE Band 41C

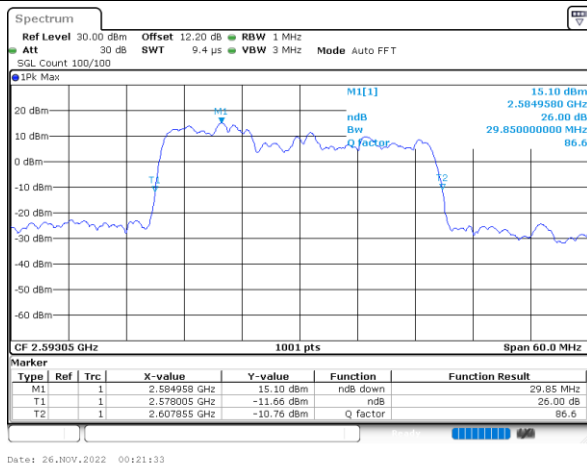
Middle Channel / 5MHz+20MHz



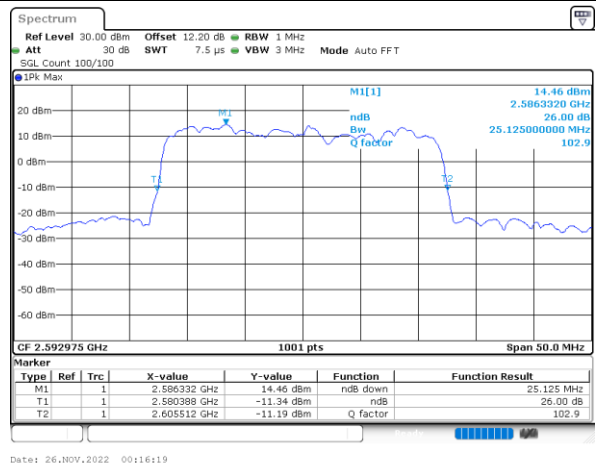
Middle Channel / 10MHz+15MHz



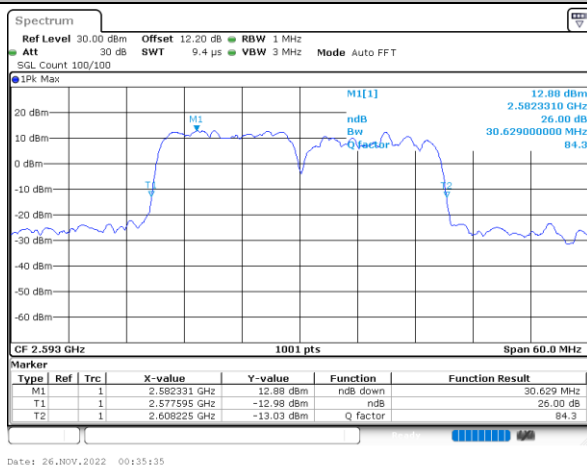
Middle Channel / 10MHz+20MHz



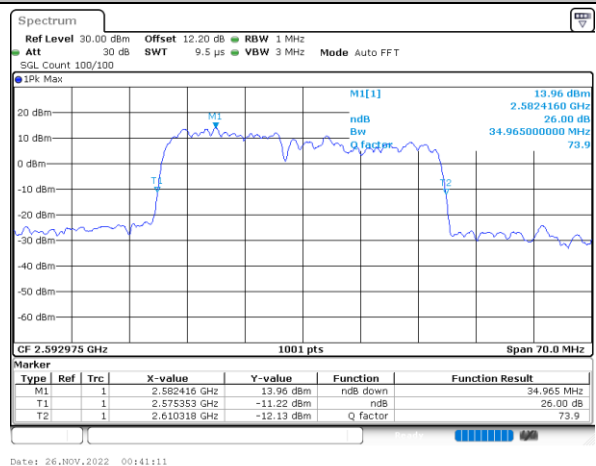
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

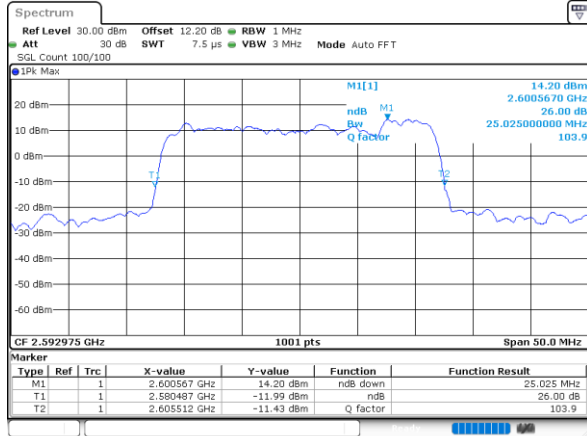




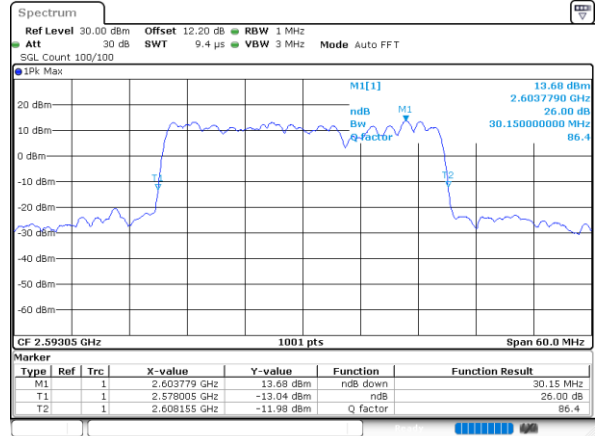
LTE Band 41C

16QAM

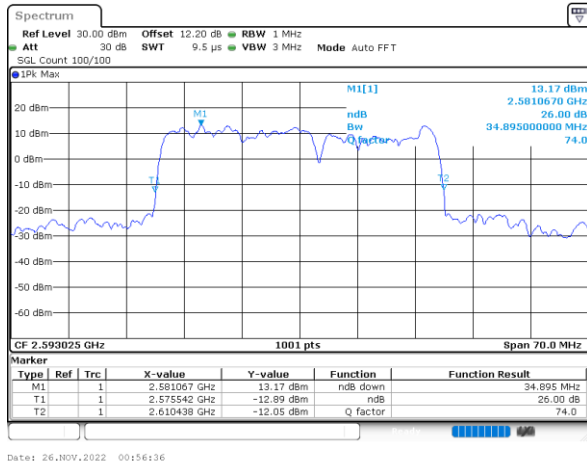
Middle Channel / 20MHz+5MHz



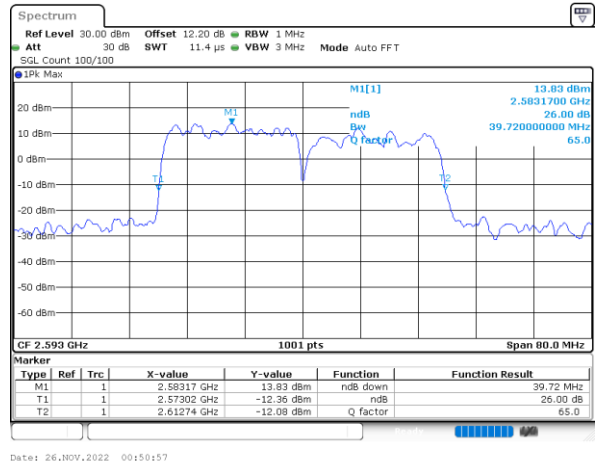
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

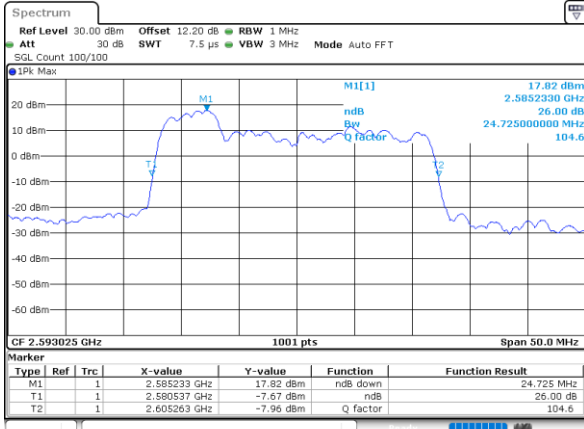




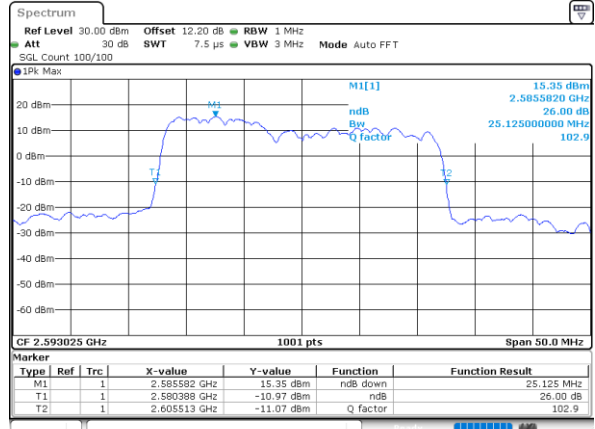
LTE Band 41C

64QAM

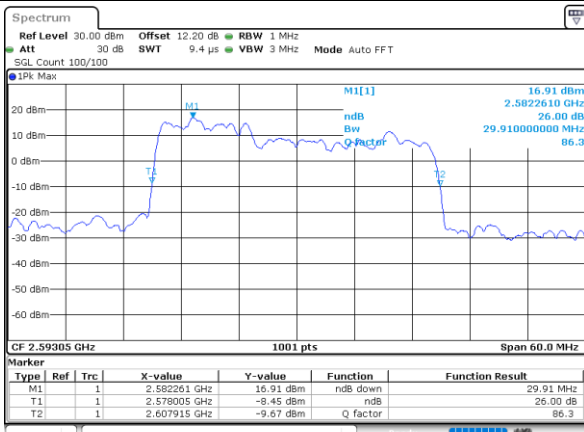
Middle Channel / 5MHz+20MHz



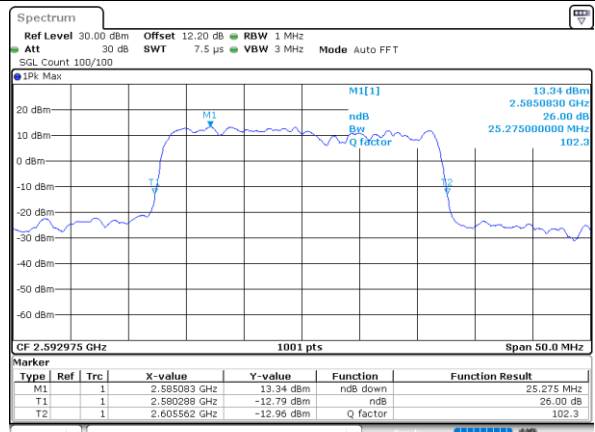
Middle Channel / 10MHz+15MHz



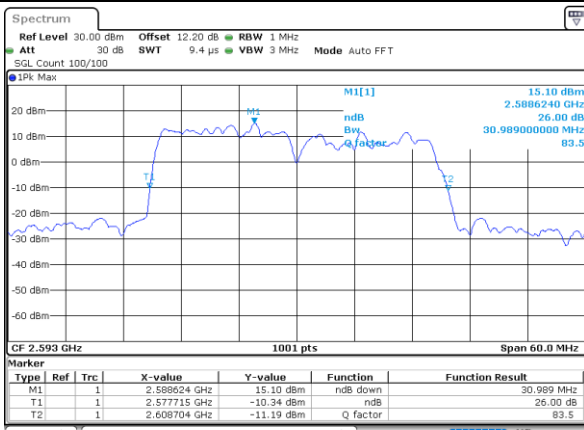
Middle Channel / 10MHz+20MHz



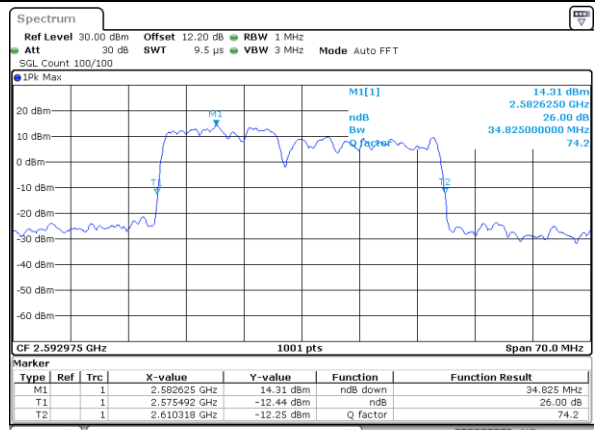
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

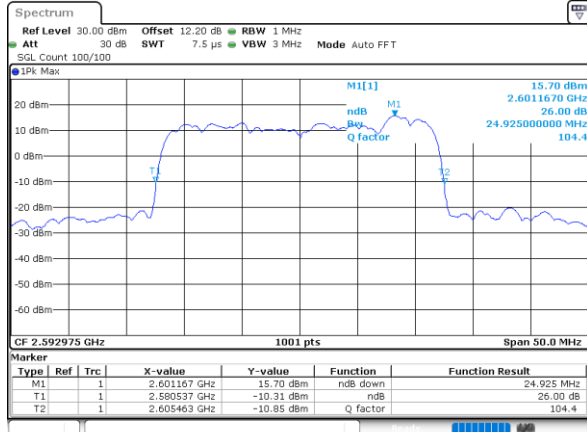




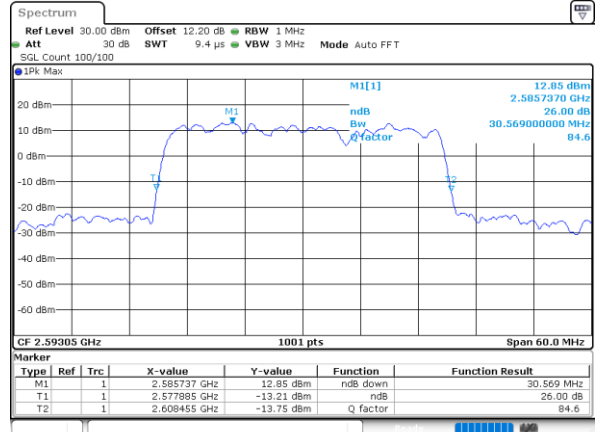
LTE Band 41C

64QAM

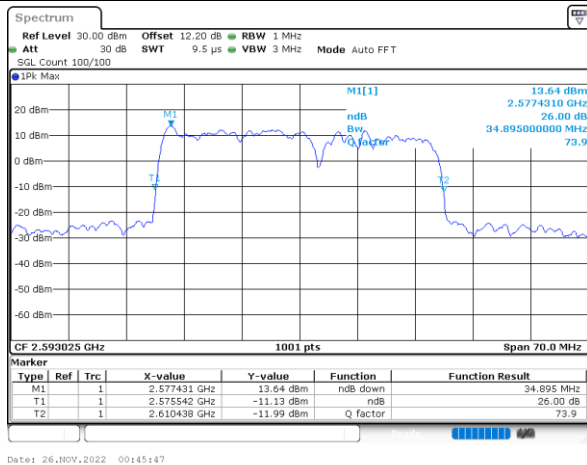
Middle Channel / 20MHz+5MHz



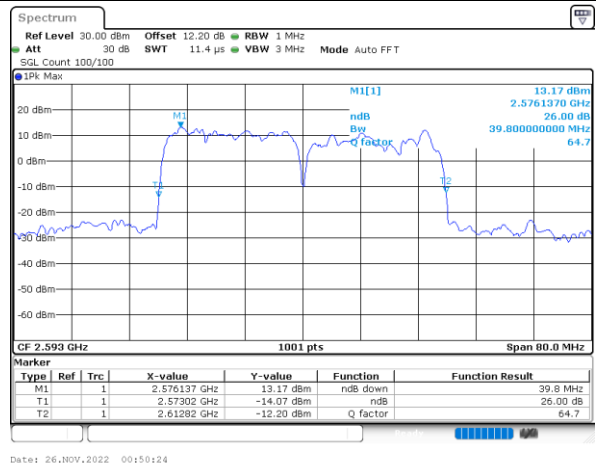
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

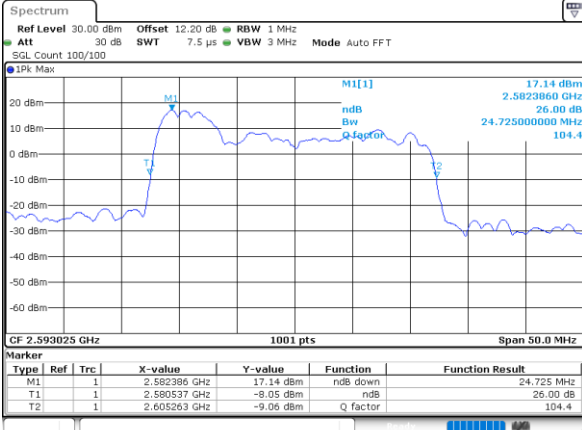




LTE Band 41C

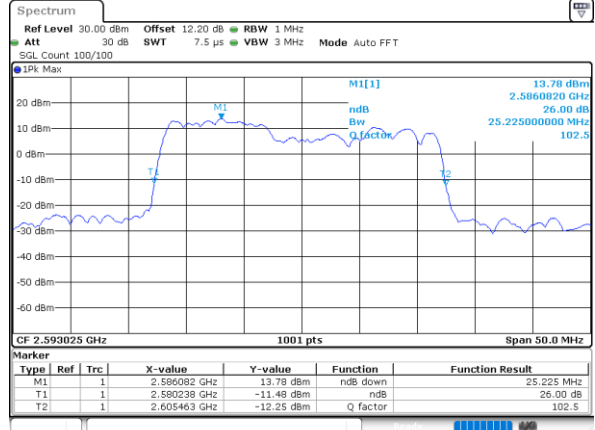
256QAM

Middle Channel / 5MHz+20MHz



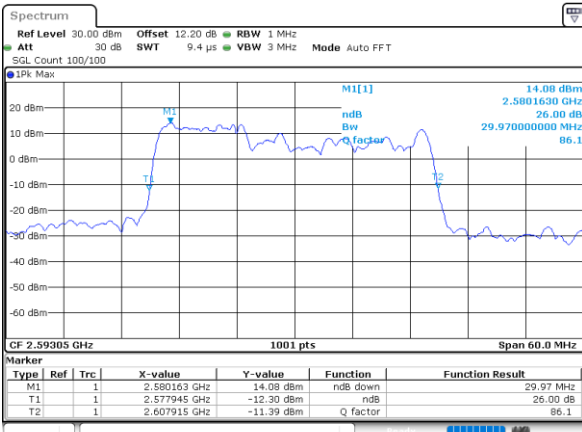
Date: 25.NOV.2022 23:58:47

Middle Channel / 10MHz+15MHz



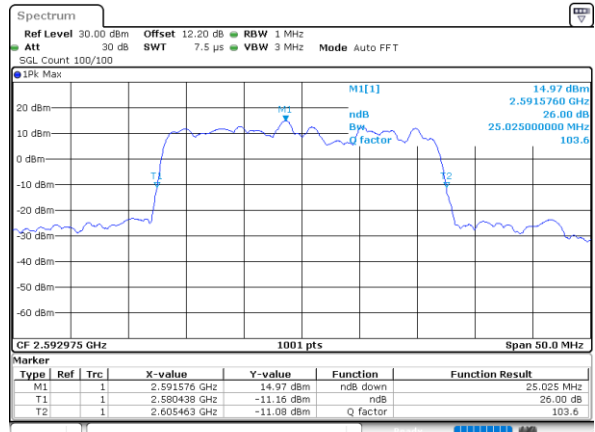
Date: 26.NOV.2022 00:09:16

Middle Channel / 10MHz+20MHz



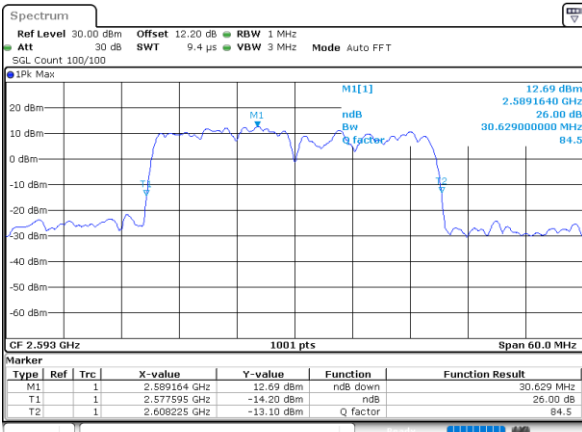
Date: 26.NOV.2022 00:20:17

Middle Channel / 15MHz+10MHz



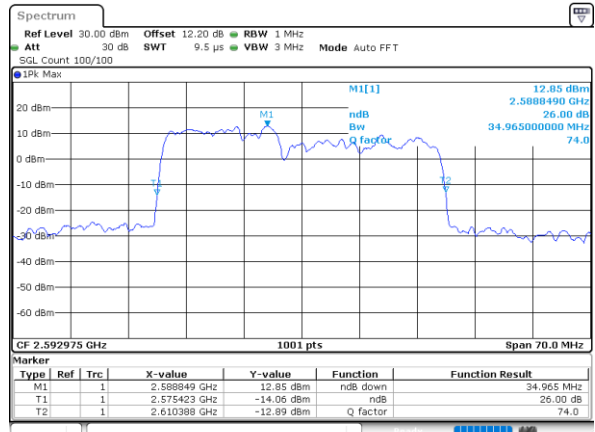
Date: 26.NOV.2022 00:14:30

Middle Channel / 15MHz+15MHz



Date: 26.NOV.2022 00:34:30

Middle Channel / 15MHz+20MHz



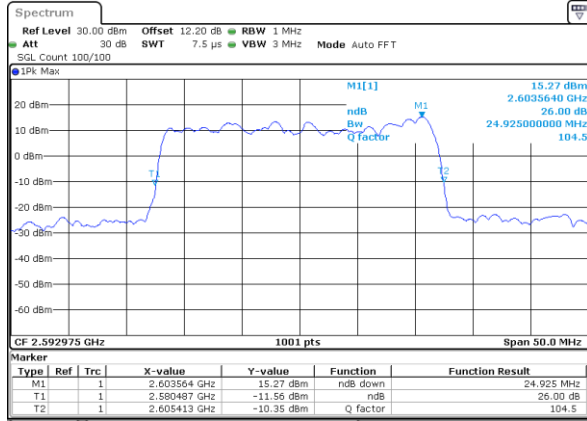
Date: 26.NOV.2022 00:39:55



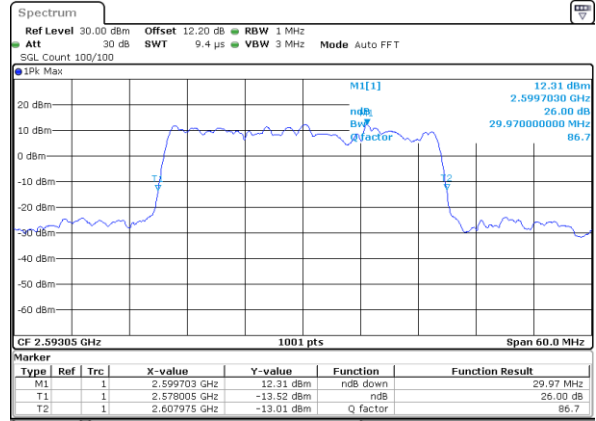
LTE Band 41C

256QAM

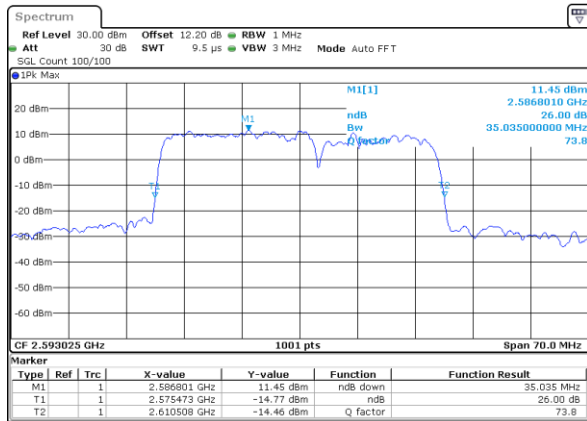
Middle Channel / 20MHz+5MHz



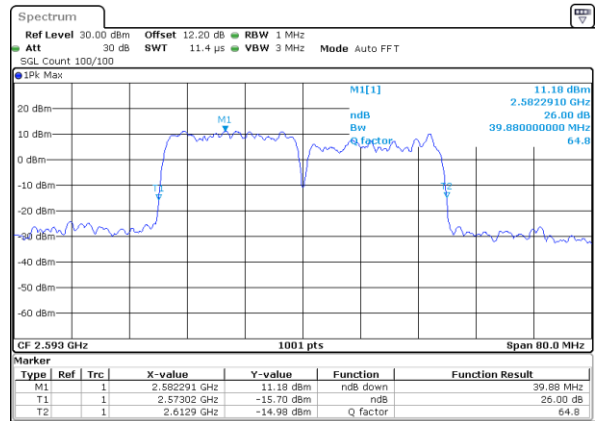
Middle Channel / 20MHz+10MHz



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	23.18	23.28	27.81	23.48	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.80	23.33	28.05	32.94	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.03	23.48	28.23	23.58	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.66	23.23	28.05	32.80	37.88

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.48	23.33	27.93	23.33	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.01	23.18	28.17	32.87	37.96

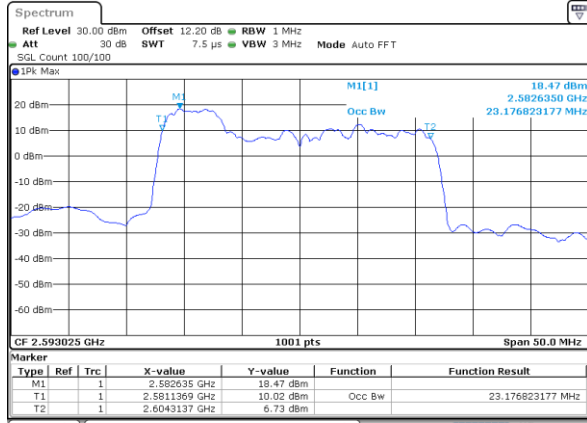
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.28	23.23	27.81	23.43	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.66	23.43	27.93	32.80	37.80



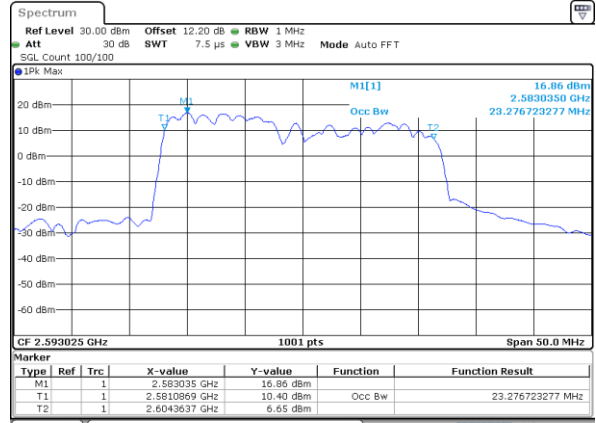
LTE Band 41C

QPSK

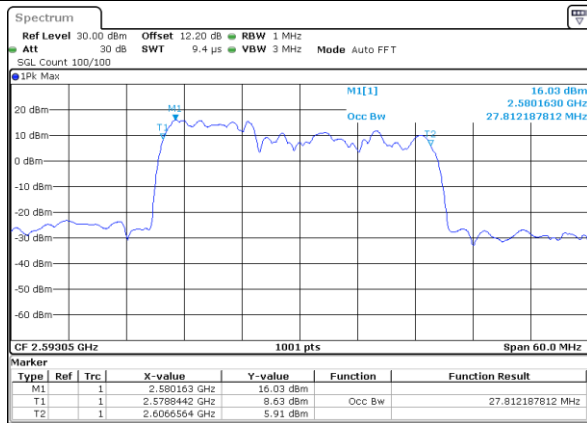
Middle Channel / 5MHz+20MHz



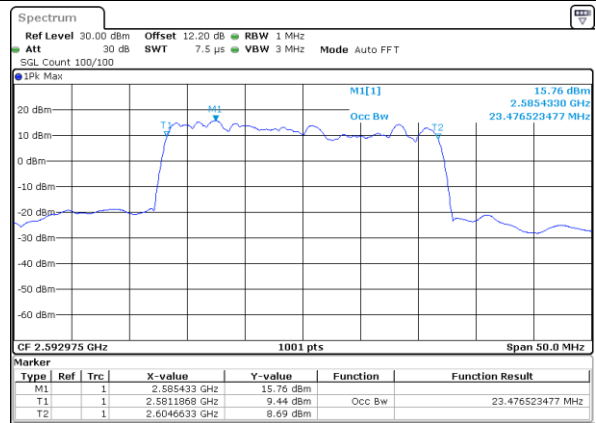
Middle Channel / 10MHz+15MHz



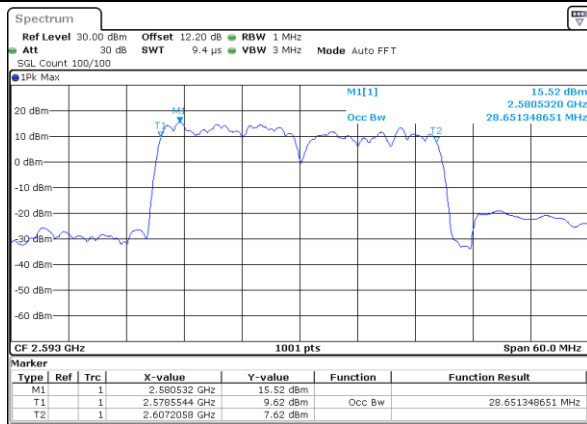
Middle Channel / 10MHz+20MHz



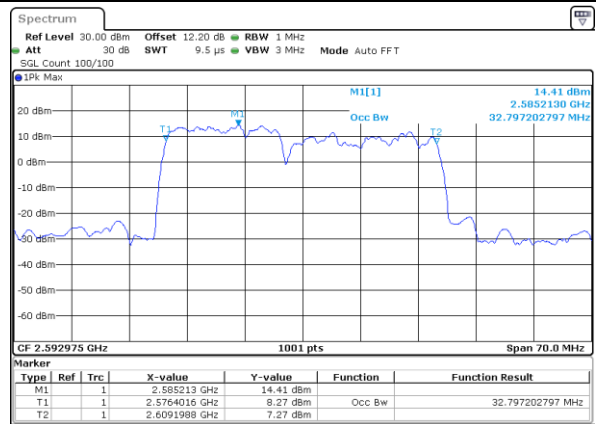
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

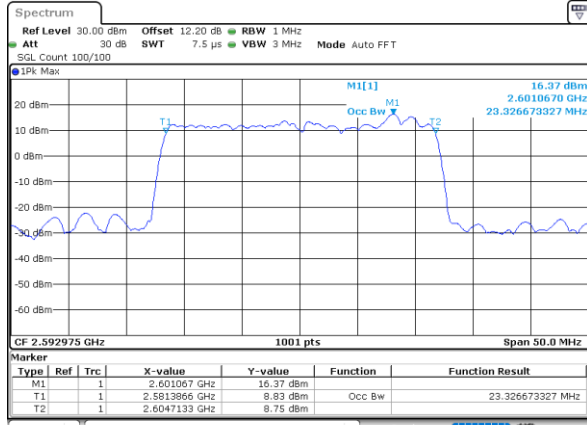




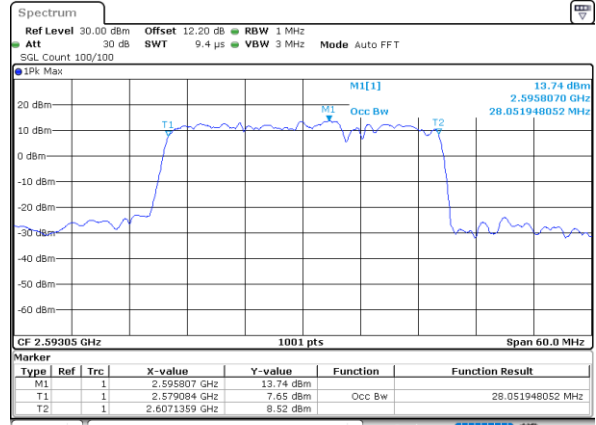
LTE Band 41C

QPSK

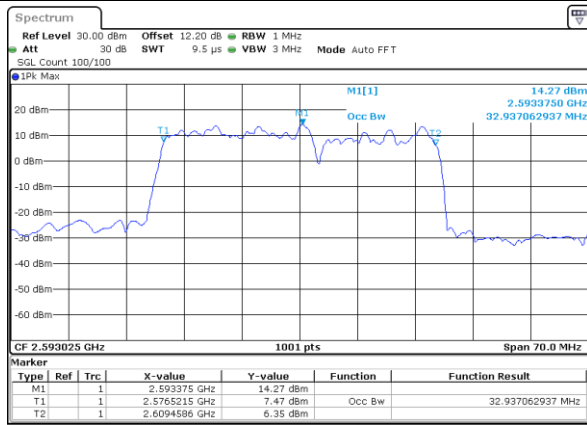
Middle Channel / 20MHz+5MHz



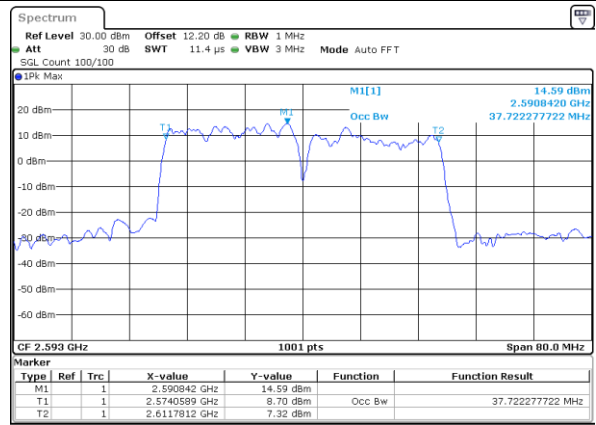
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

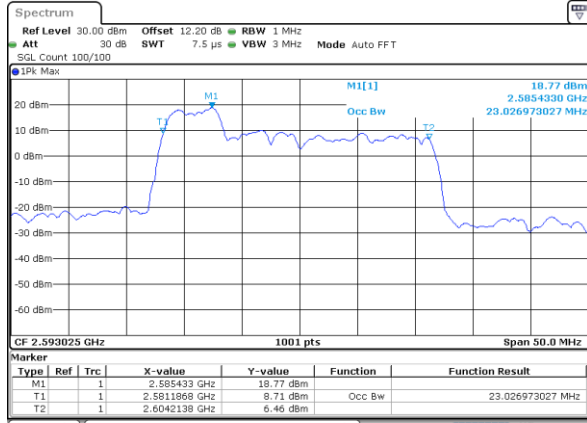




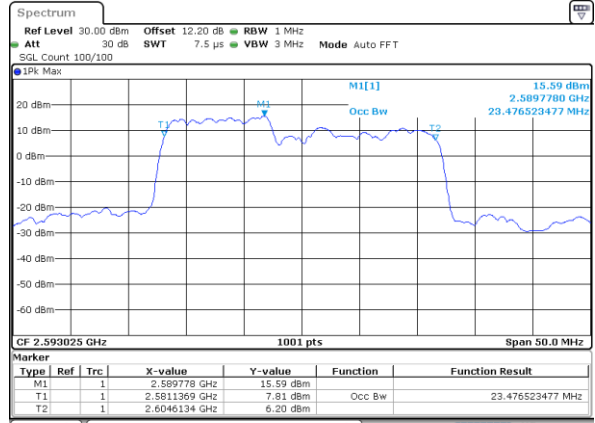
LTE Band 41C

16QAM

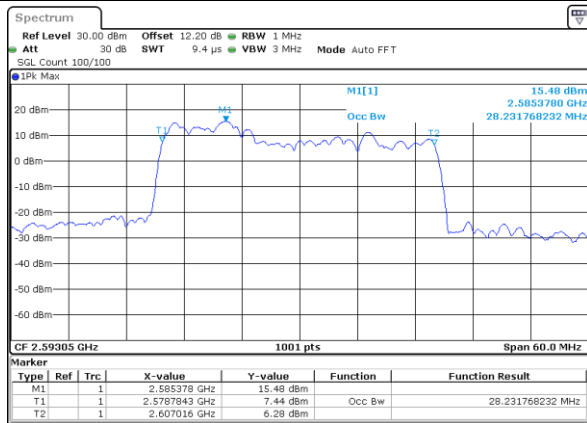
Middle Channel / 5MHz+20MHz



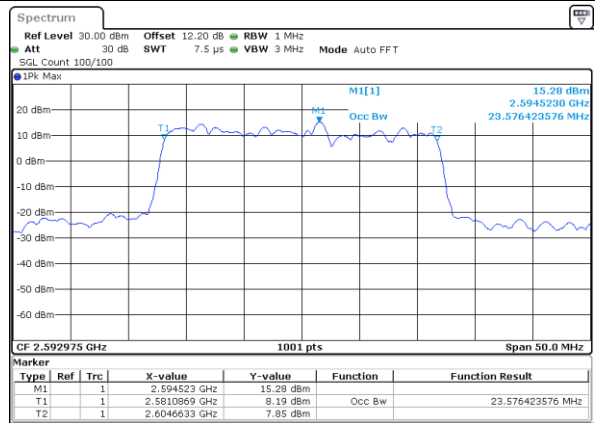
Middle Channel / 10MHz+15MHz



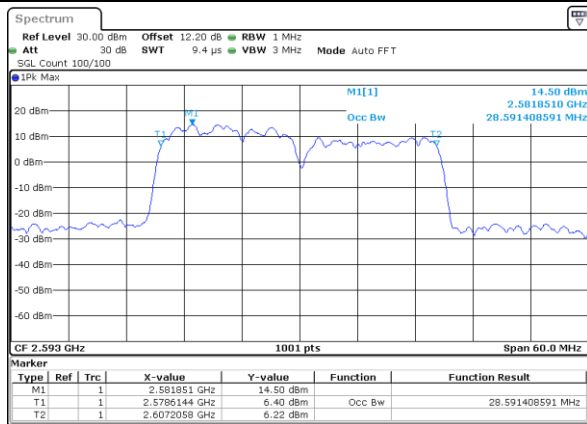
Middle Channel / 10MHz+20MHz



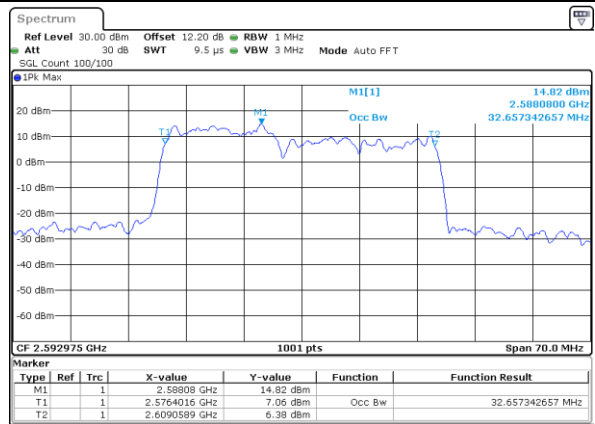
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

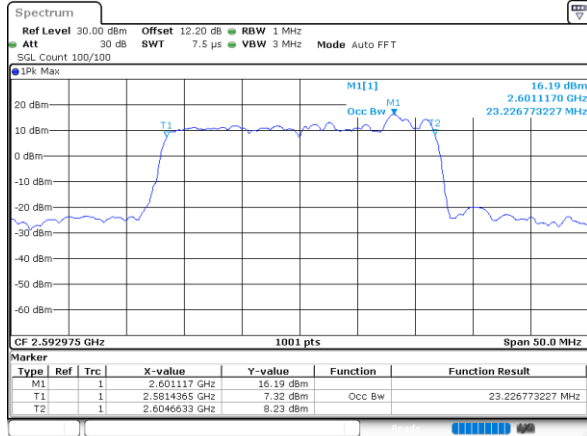




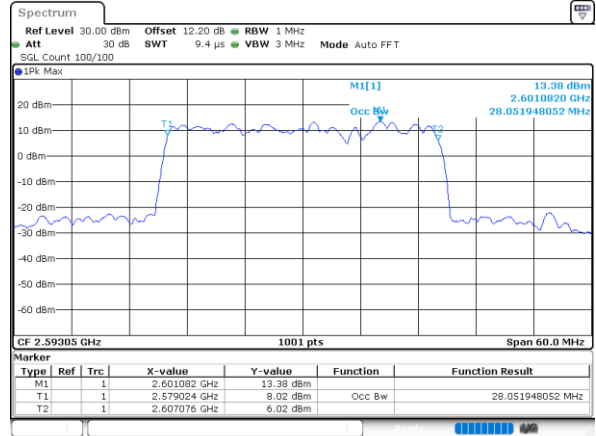
LTE Band 41C

16QAM

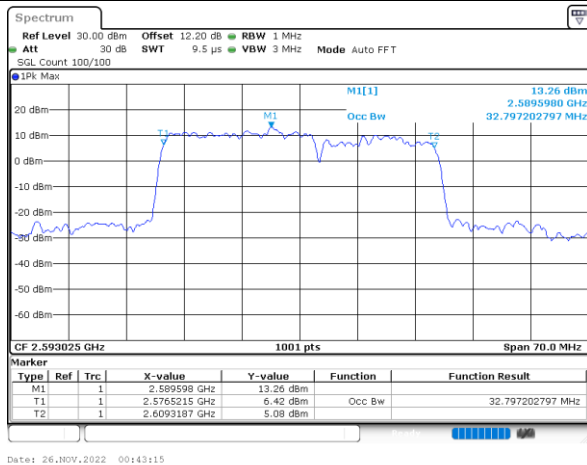
Middle Channel / 20MHz+5MHz



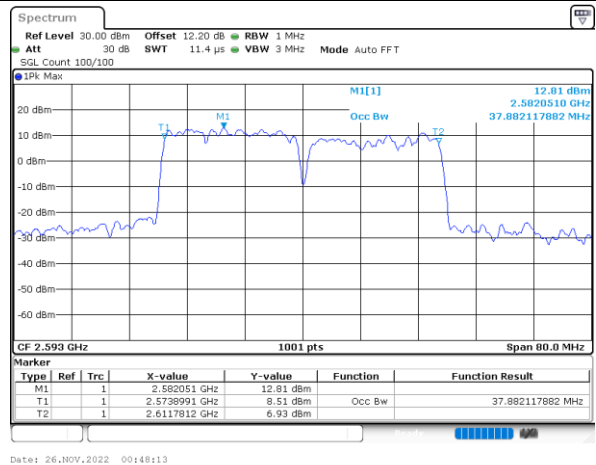
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

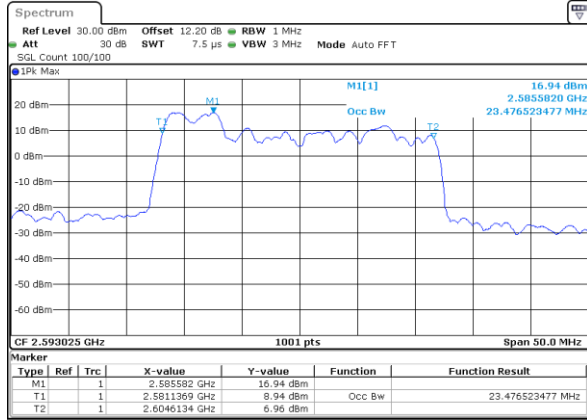




LTE Band 41C

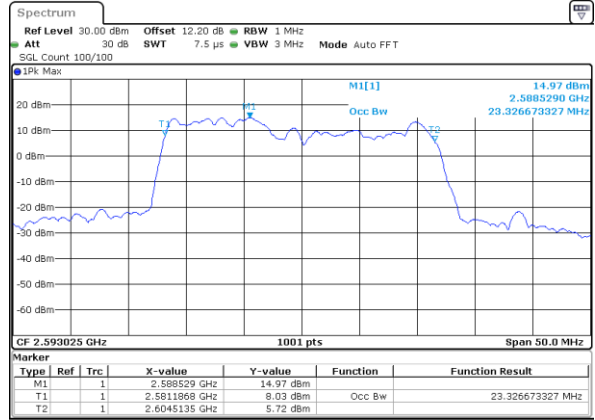
64QAM

Middle Channel / 5MHz+20MHz



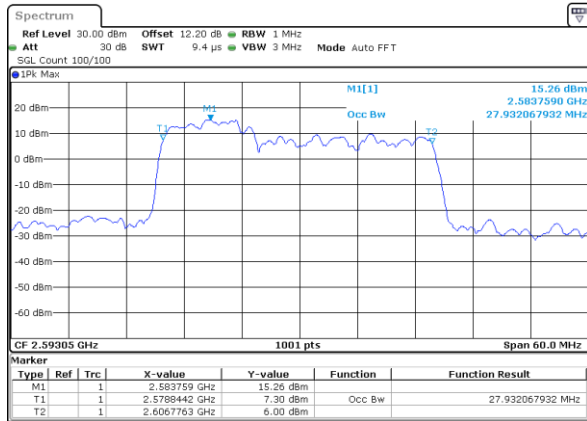
Date: 25.NOV.2022 23:57:13

Middle Channel / 10MHz+15MHz



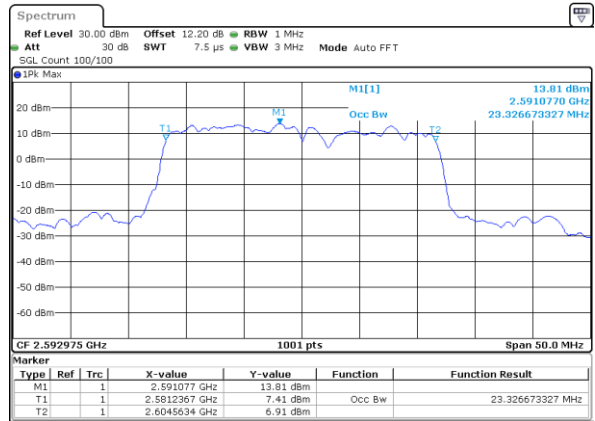
Date: 26.NOV.2022 00:07:59

Middle Channel / 10MHz+20MHz



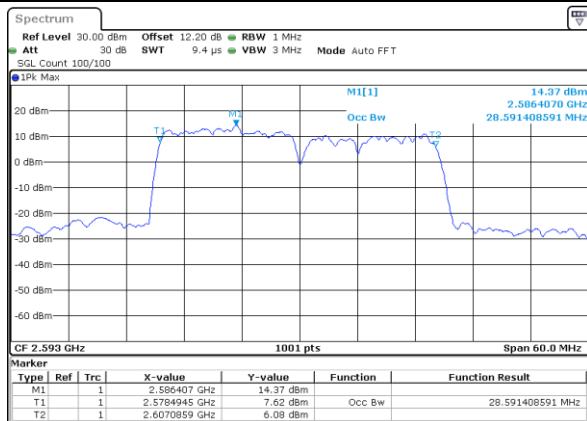
Date: 26.NOV.2022 00:19:01

Middle Channel / 15MHz+10MHz



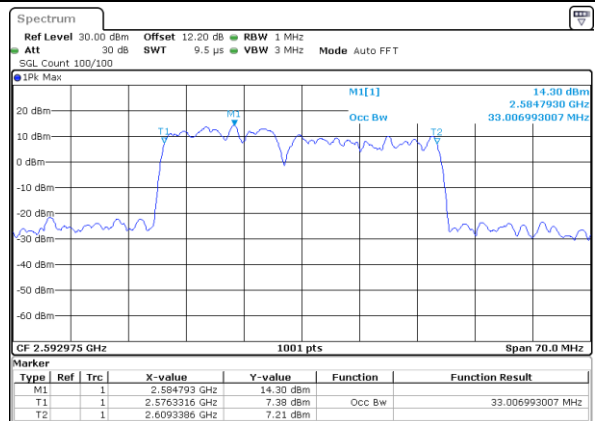
Date: 26.NOV.2022 00:13:14

Middle Channel / 15MHz+15MHz



Date: 26.NOV.2022 00:33:24

Middle Channel / 15MHz+20MHz



Date: 26.NOV.2022 00:18:06