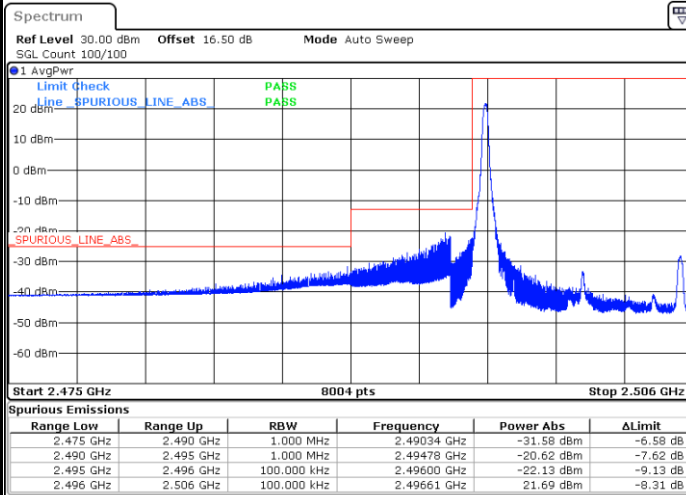




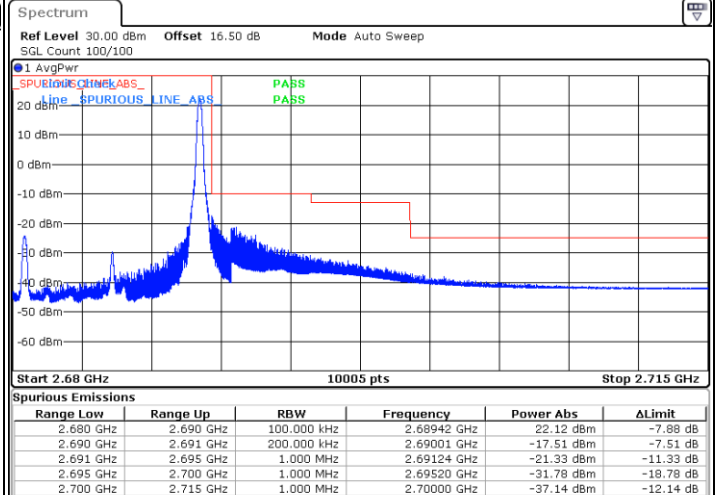
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



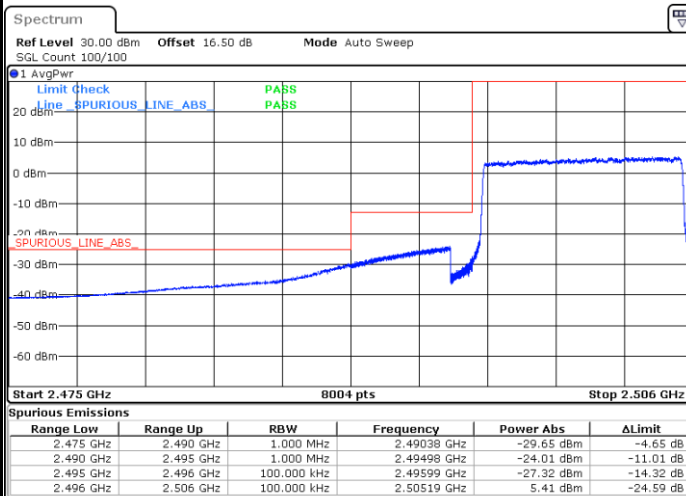
Date: 1.APR.2022 00:02:36

Highest Band Edge / 1 RB



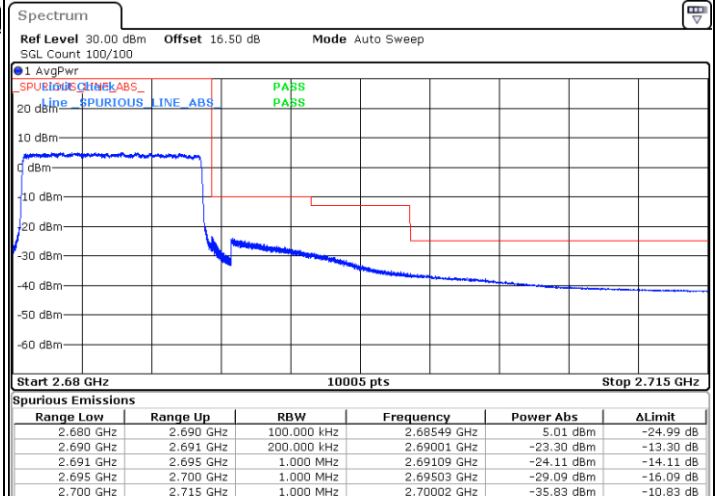
Date: 1.APR.2022 00:06:09

Lowest Band Edge / Full RB



Date: 1.APR.2022 00:04:22

Highest Band Edge / Full RB

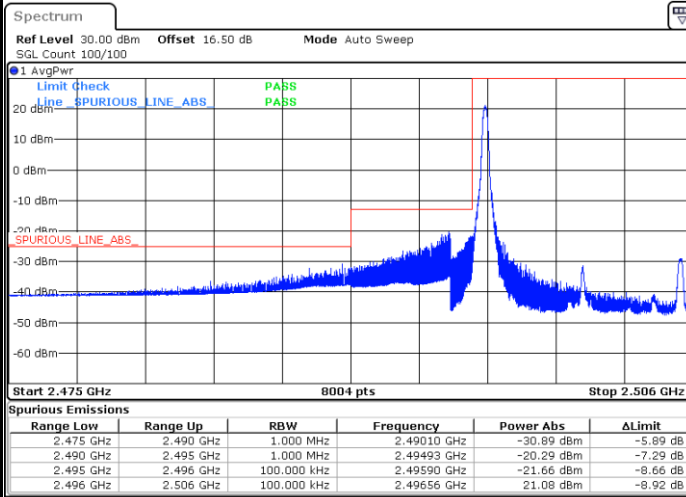


Date: 1.APR.2022 00:07:57

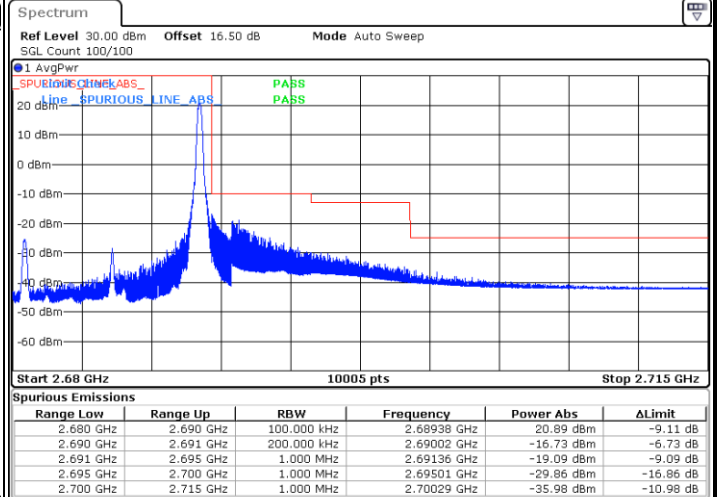


LTE Band 41 / 10MHz / 64QAM

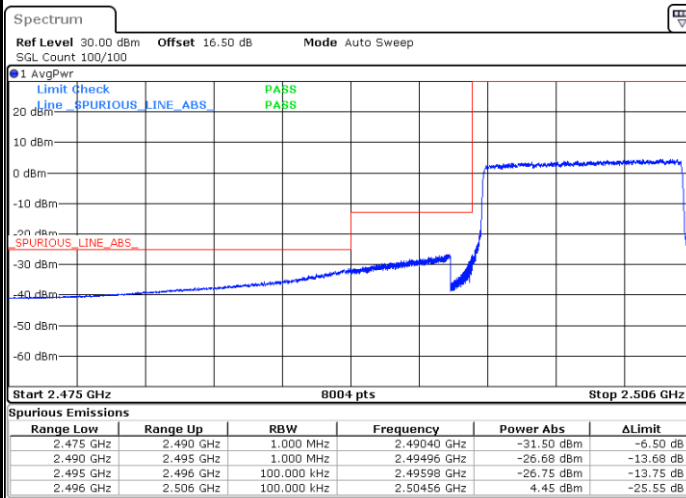
Lowest Band Edge / 1 RB



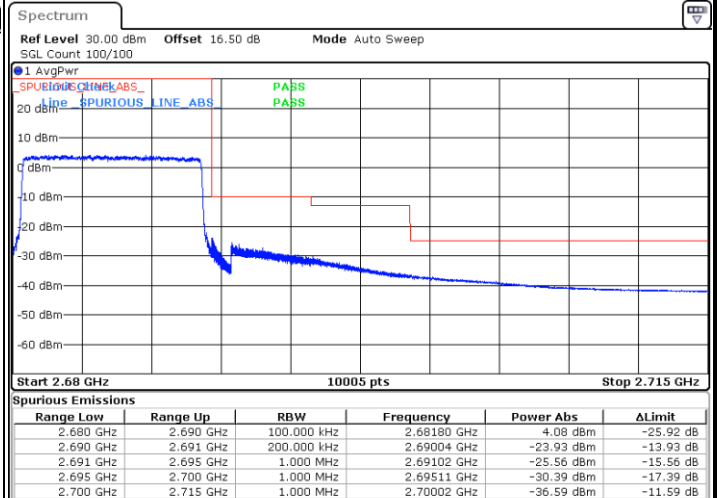
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



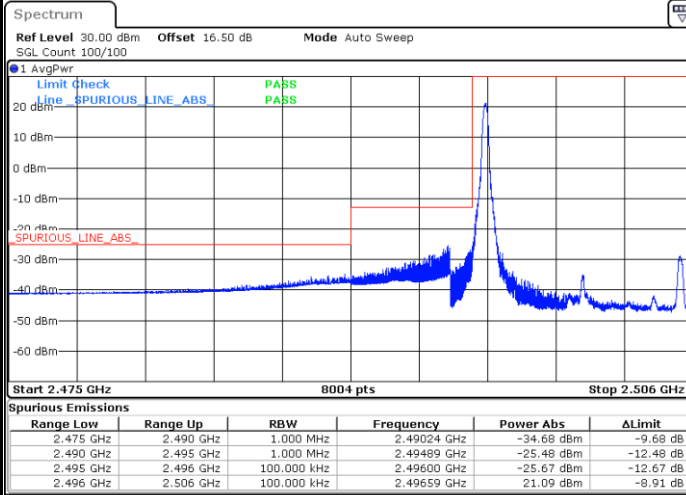
Highest Band Edge / Full RB



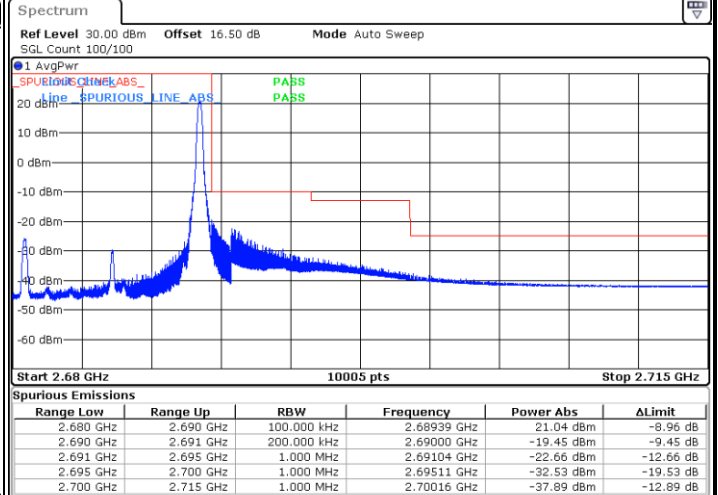


LTE Band 41 / 10MHz / 256QAM

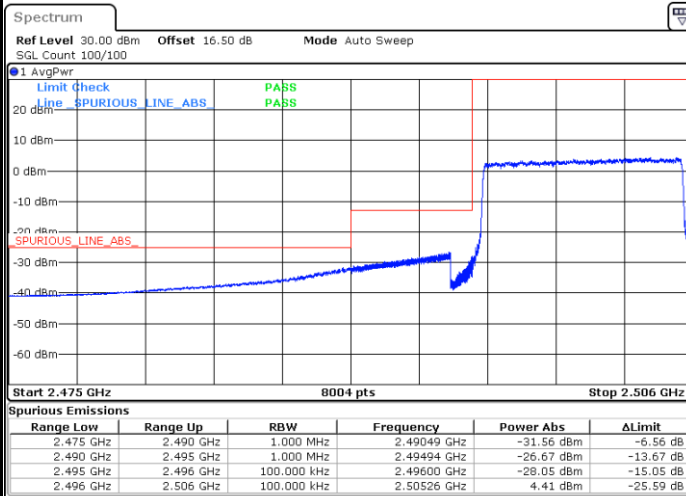
Lowest Band Edge / 1 RB



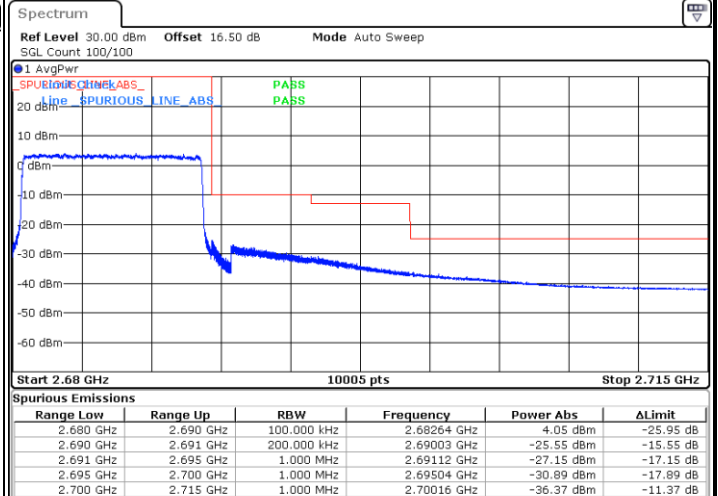
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



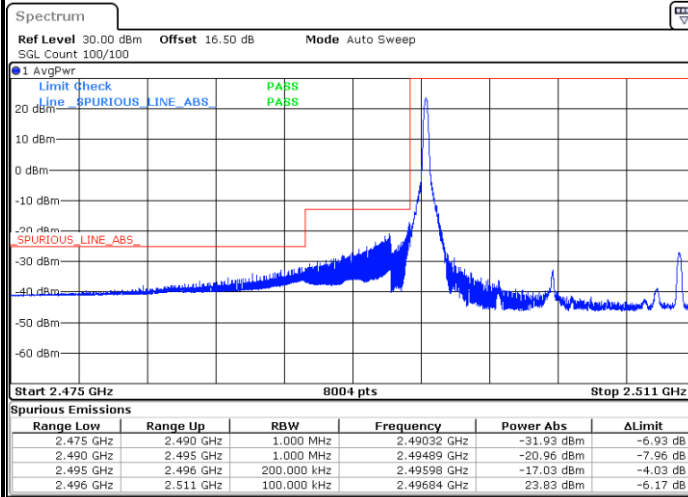
Highest Band Edge / Full RB



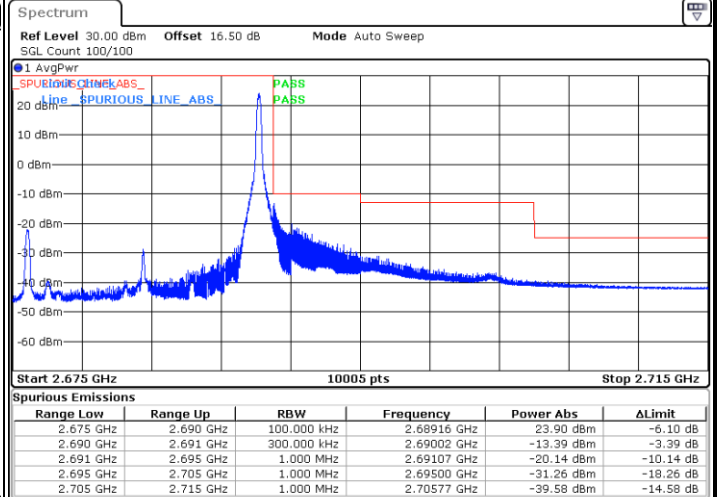


LTE Band 41 / 15MHz / QPSK

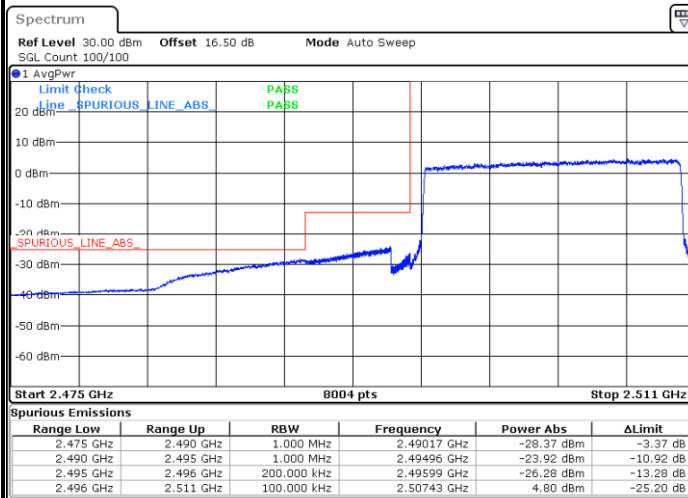
Lowest Band Edge / 1 RB



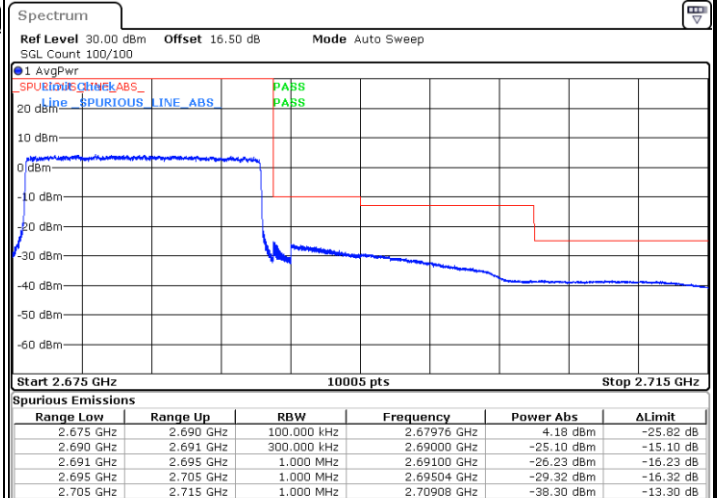
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



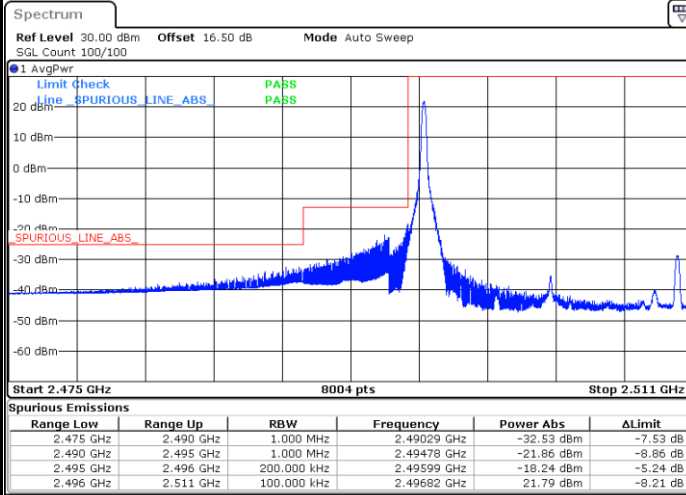
Highest Band Edge / Full RB





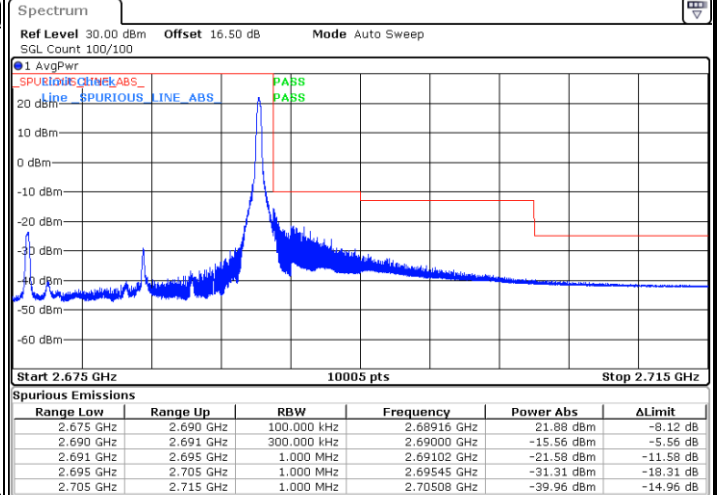
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



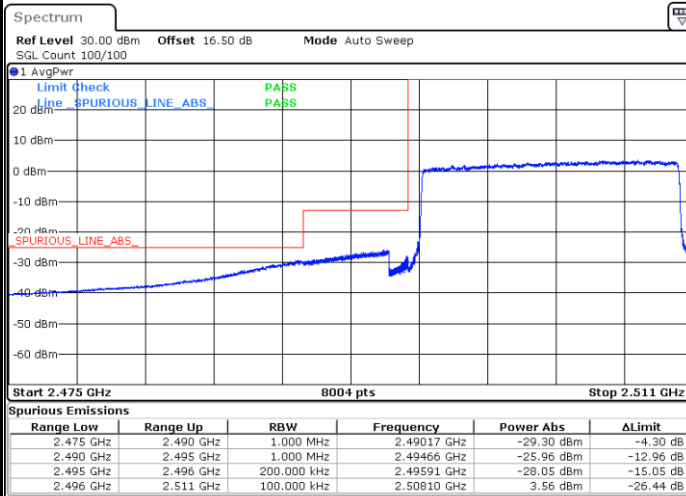
Date: 1.APR.2022 00:16:54

Highest Band Edge / 1 RB



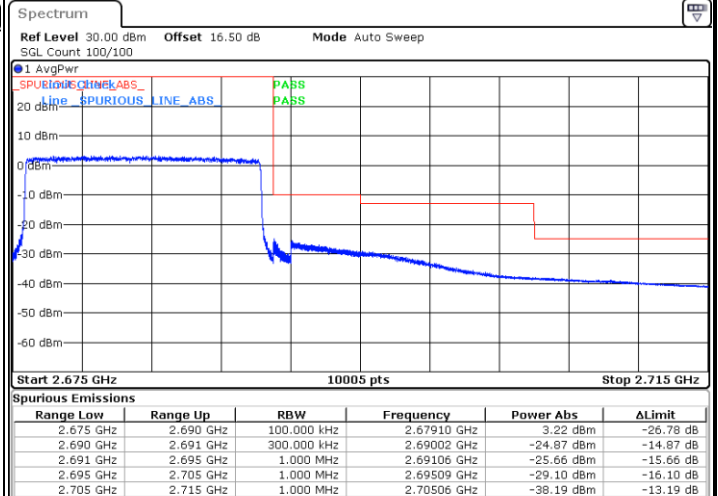
Date: 1.APR.2022 00:20:28

Lowest Band Edge / Full RB



Date: 1.APR.2022 00:18:41

Highest Band Edge / Full RB

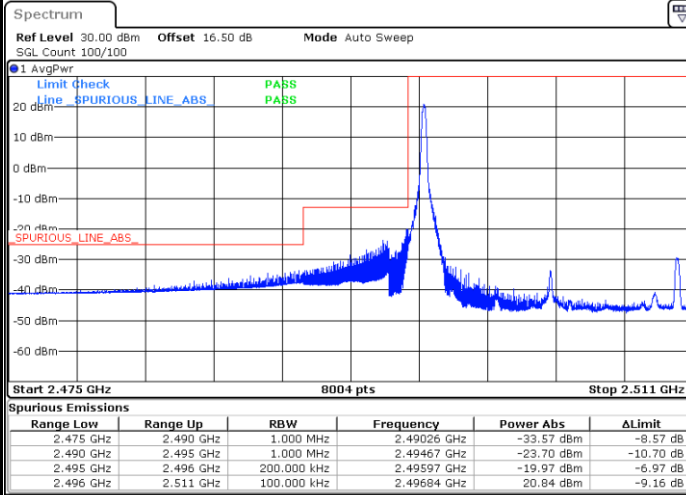


Date: 1.APR.2022 00:22:15



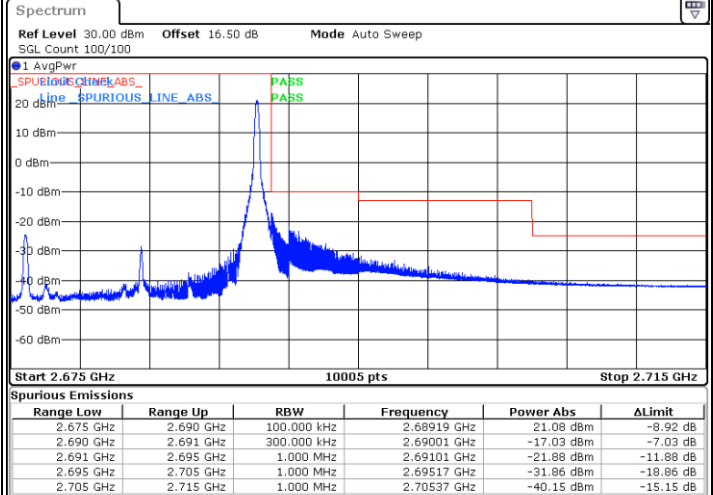
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



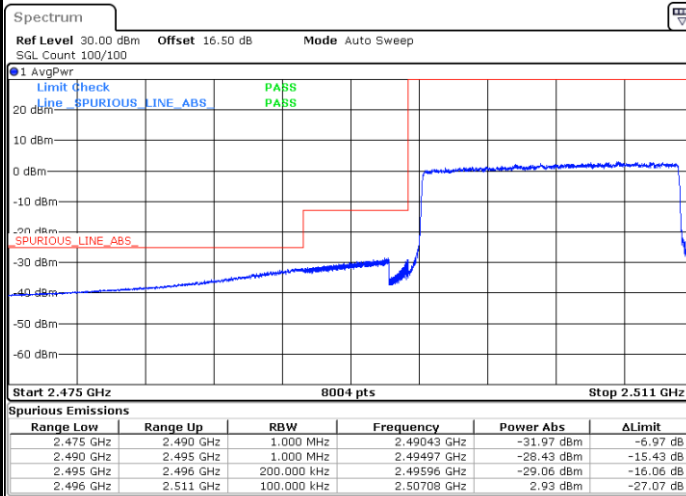
Date: 1.APR.2022 00:12:27

Highest Band Edge / 1 RB



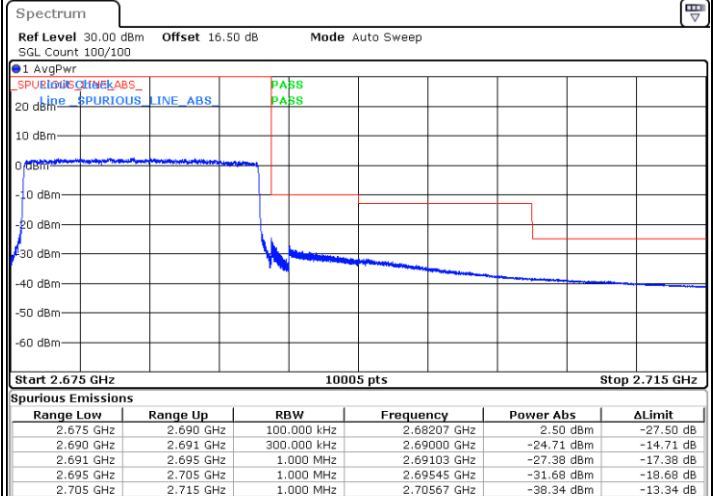
Date: 1.APR.2022 00:14:14

Lowest Band Edge / Full RB



Date: 1.APR.2022 00:13:20

Highest Band Edge / Full RB

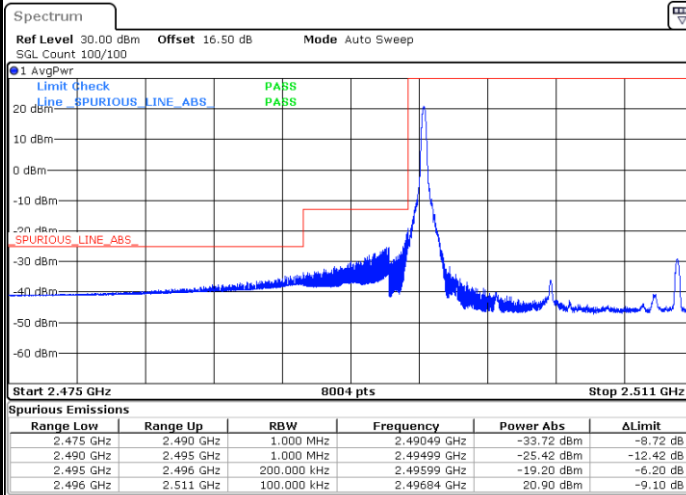


Date: 1.APR.2022 00:15:08

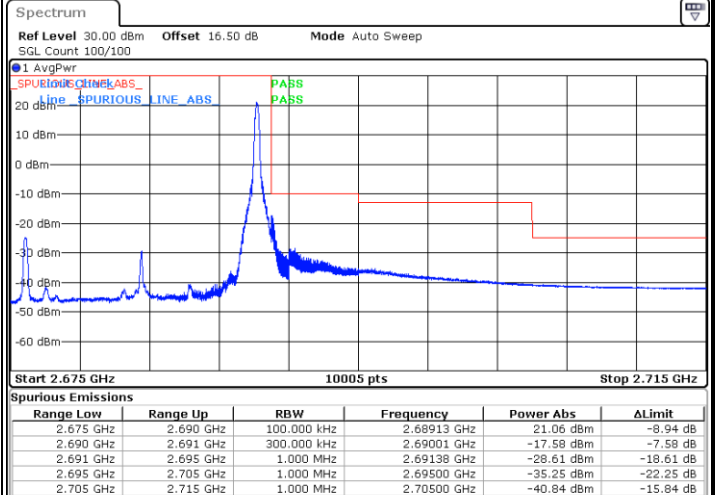


LTE Band 41 / 15MHz / 256QAM

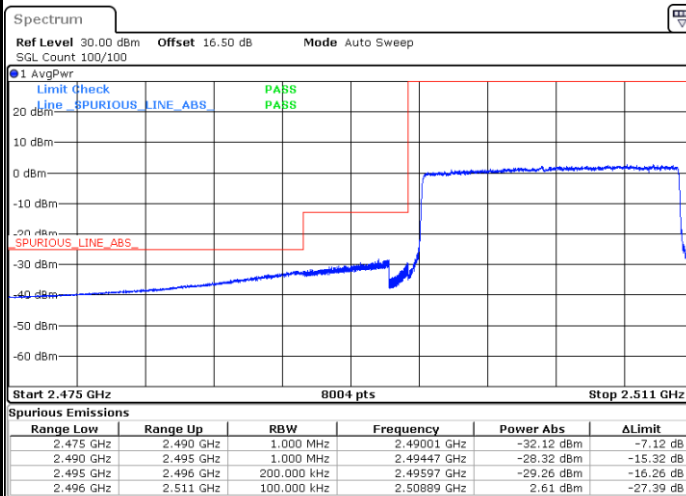
Lowest Band Edge / 1 RB



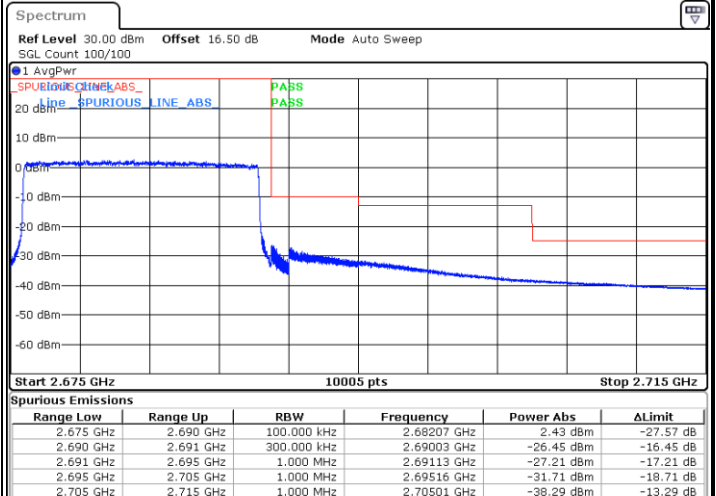
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



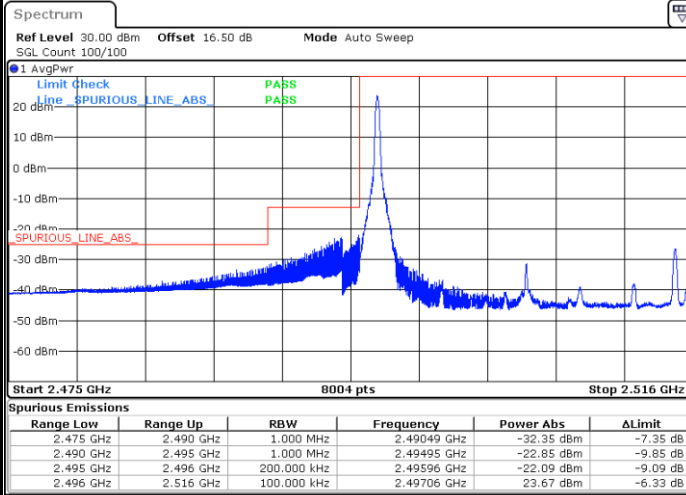
Highest Band Edge / Full RB





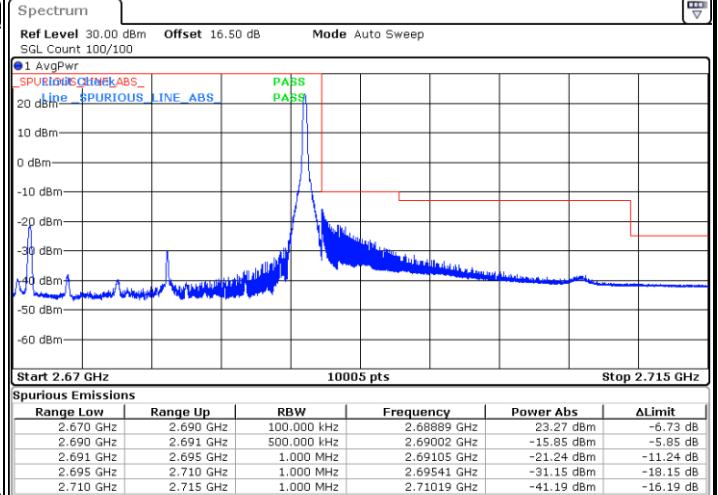
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



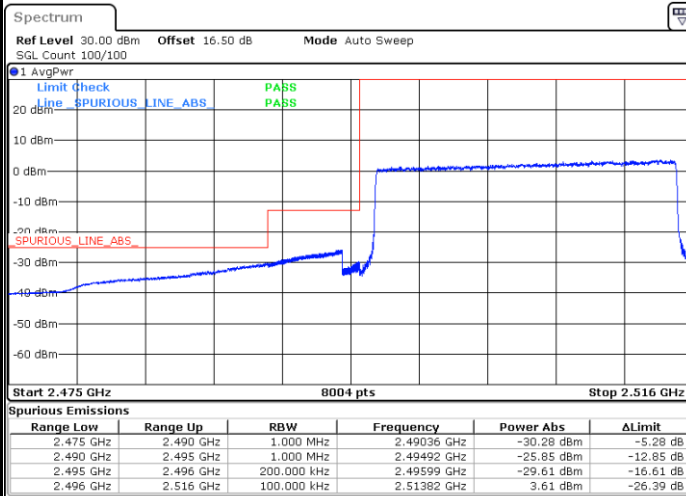
Date: 1.APR.2022 00:23:12

Highest Band Edge / 1 RB



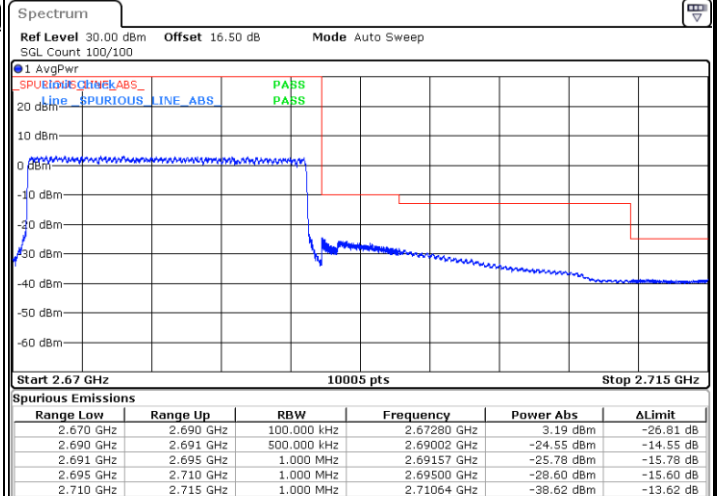
Date: 1.APR.2022 00:26:45

Lowest Band Edge / Full RB



Date: 1.APR.2022 00:24:58

Highest Band Edge / Full RB

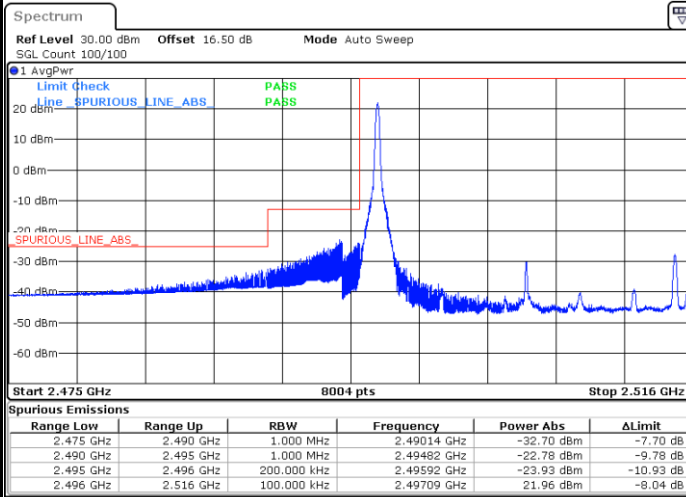


Date: 1.APR.2022 00:29:26

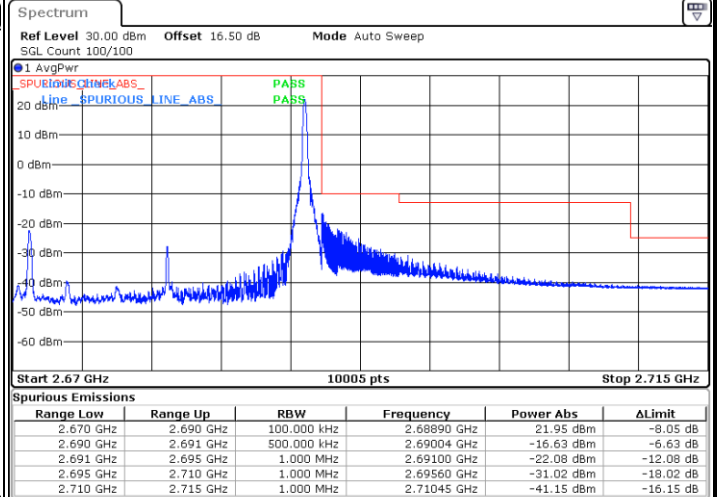


LTE Band 41 / 20MHz / 16QAM

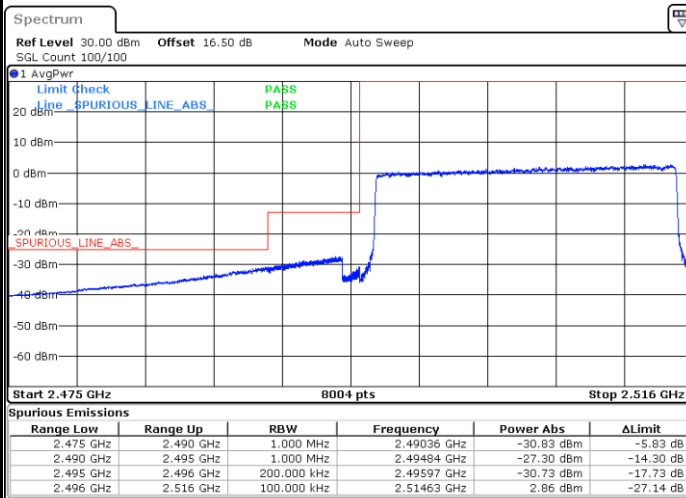
Lowest Band Edge / 1 RB



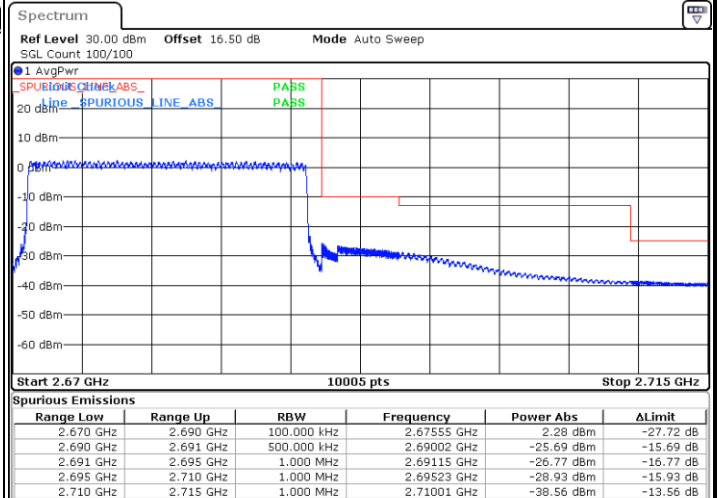
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



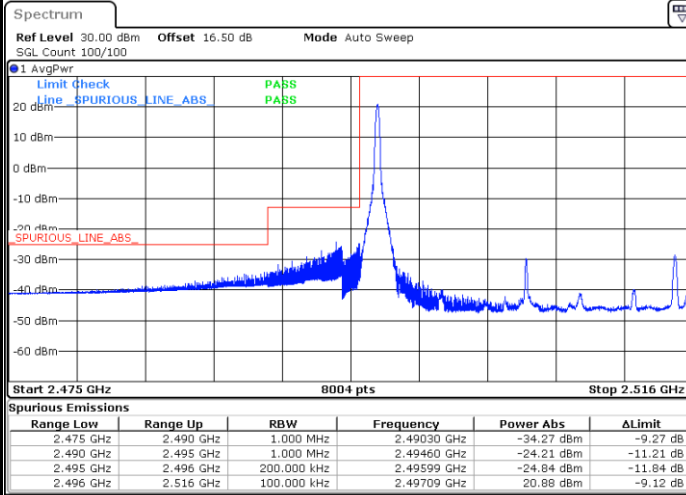
Highest Band Edge / Full RB





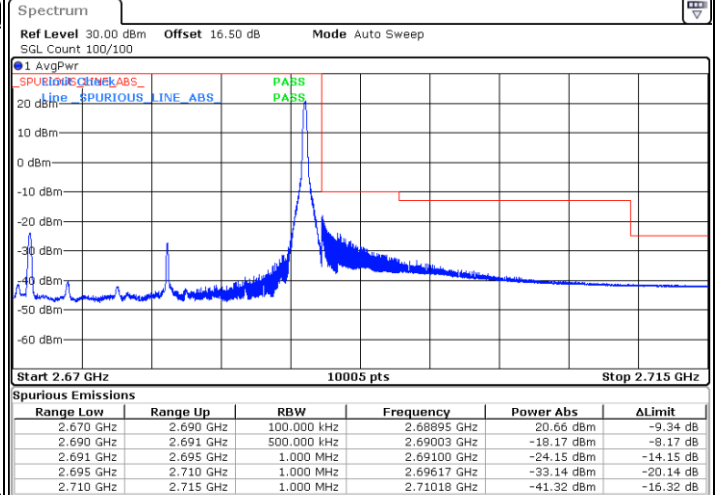
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



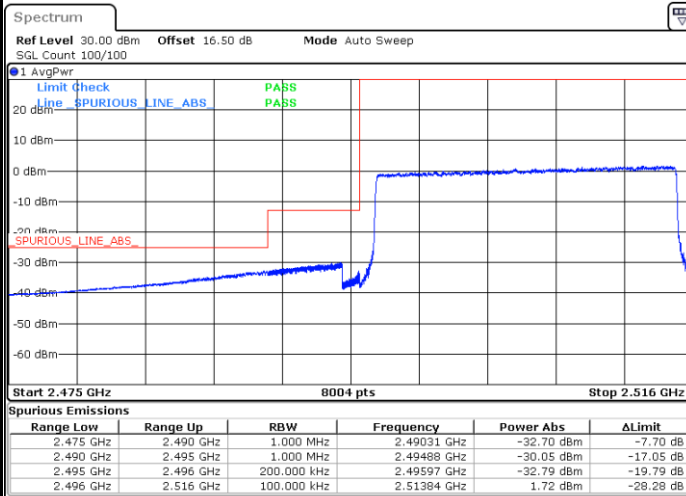
Date: 1.APR.2022 00:30:20

Highest Band Edge / 1 RB



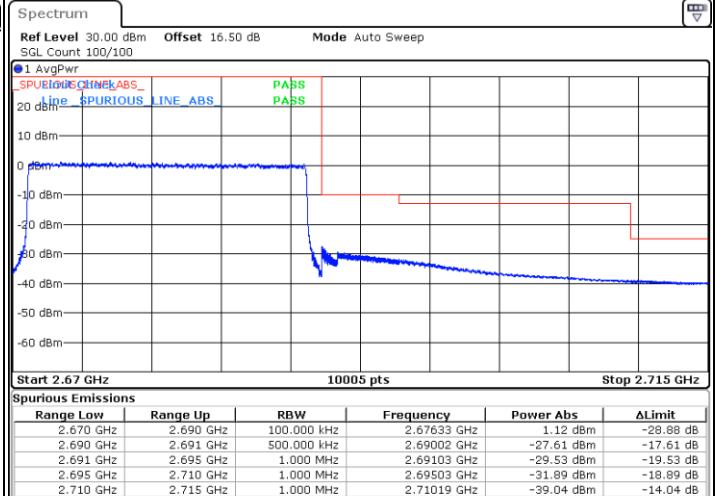
Date: 1.APR.2022 00:32:07

Lowest Band Edge / Full RB



Date: 1.APR.2022 00:31:13

Highest Band Edge / Full RB

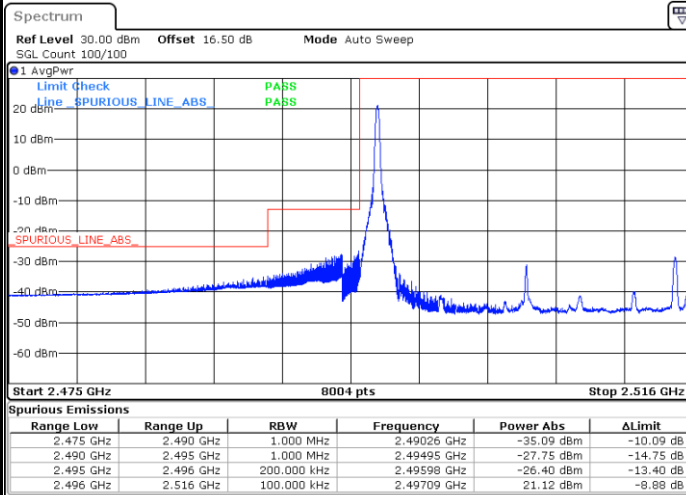


Date: 1.APR.2022 00:33:01

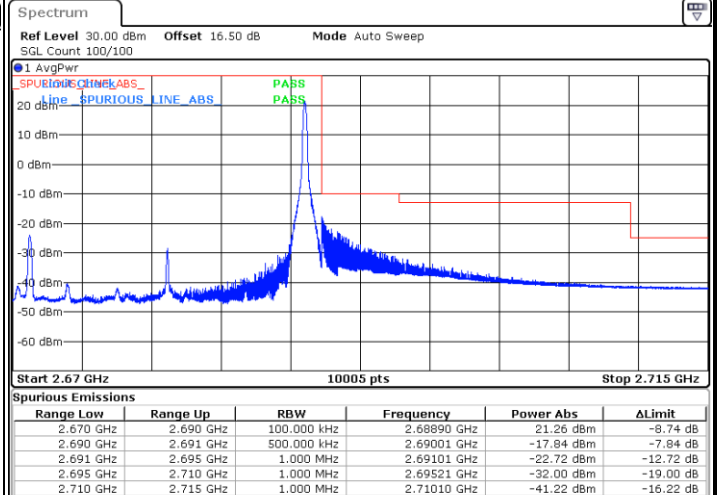


LTE Band 41 / 20MHz / 256QAM

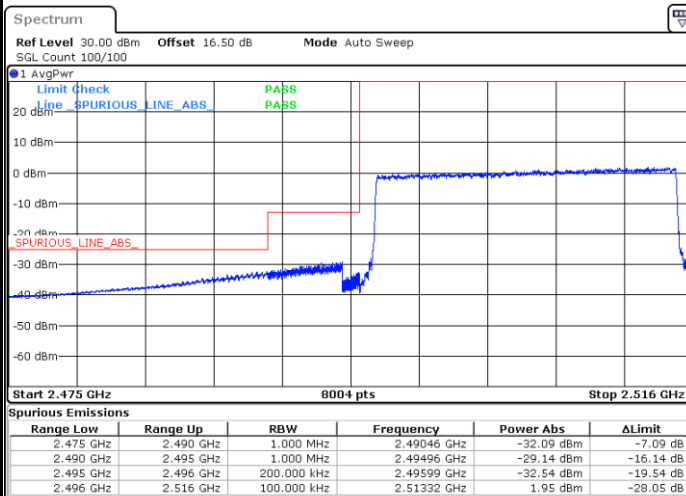
Lowest Band Edge / 1 RB



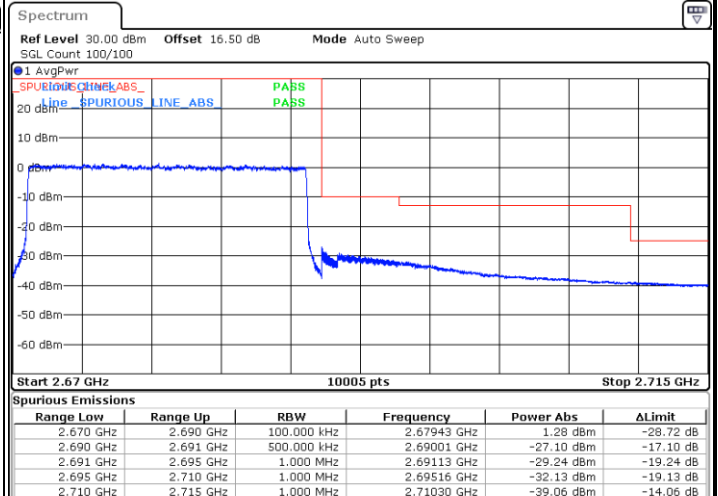
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

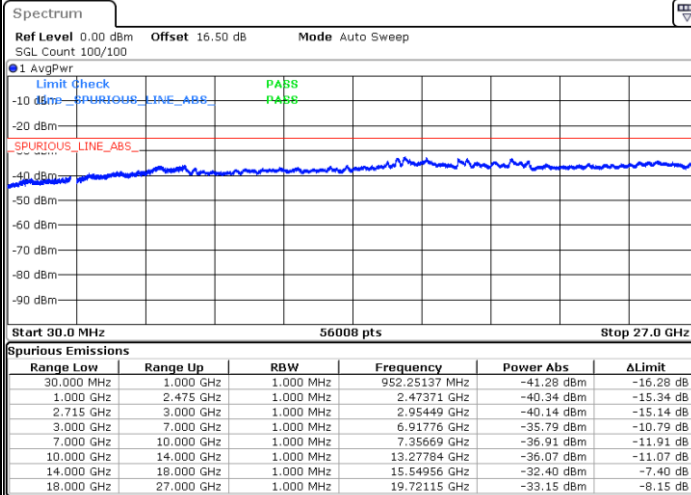




Conducted Spurious Emission

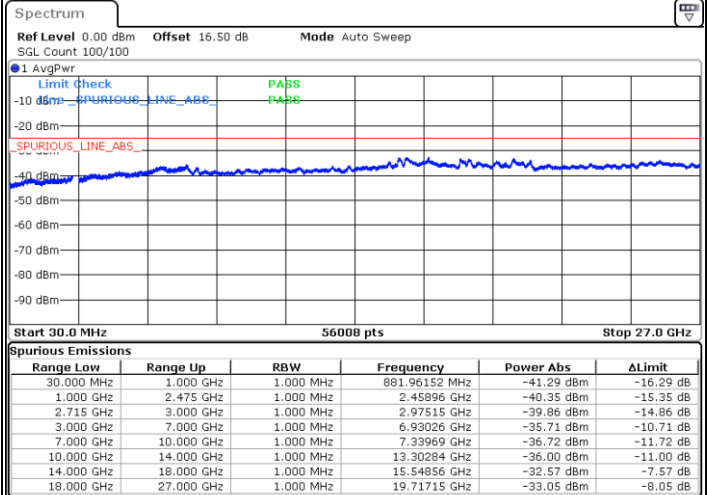
LTE Band 41 / 5MHz

Lowest Channel / QPSK



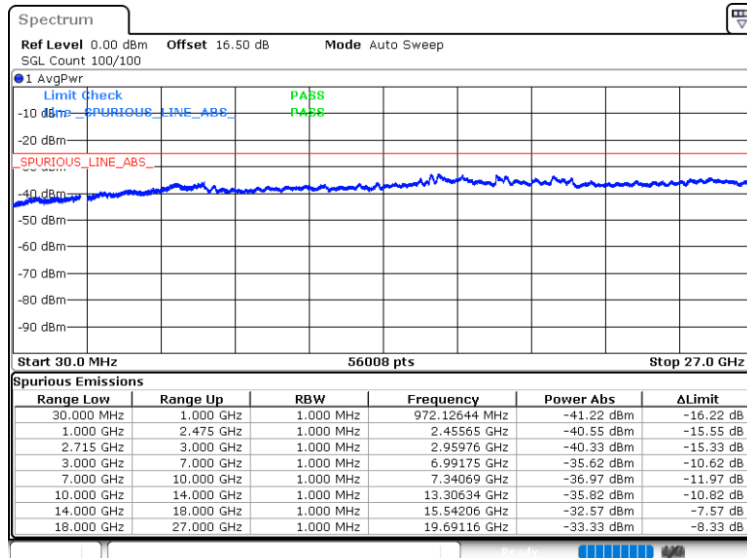
Date: 1.APR.2022 00:34:08

Middle Channel / QPSK



Date: 1.APR.2022 00:35:12

Highest Channel / QPSK

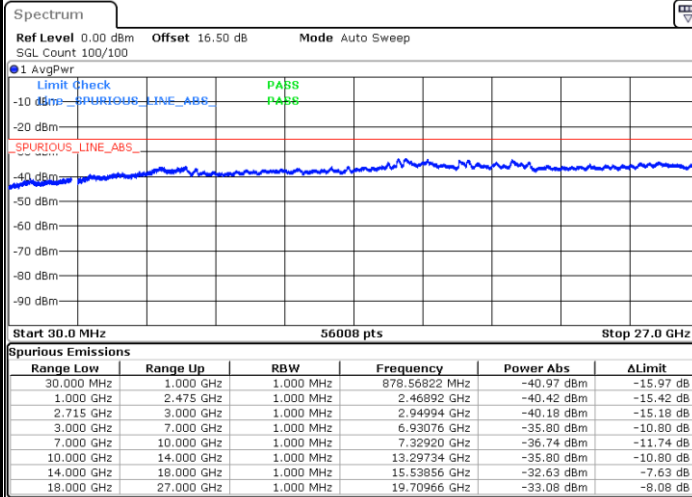


Date: 1.APR.2022 00:36:16



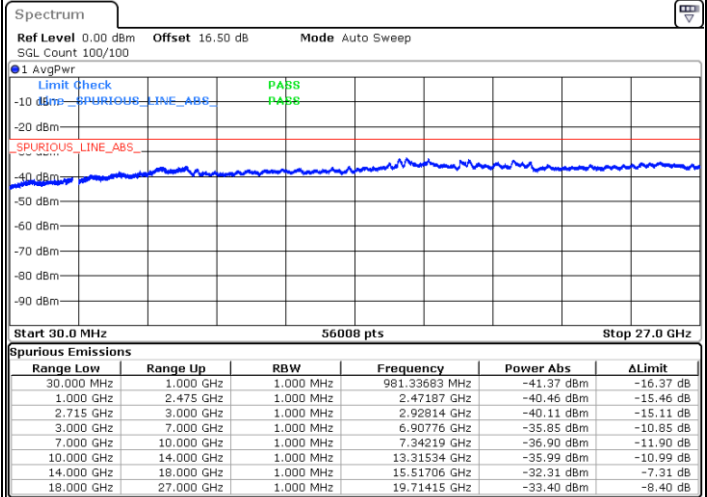
LTE Band 41 / 10MHz

Lowest Channel / QPSK



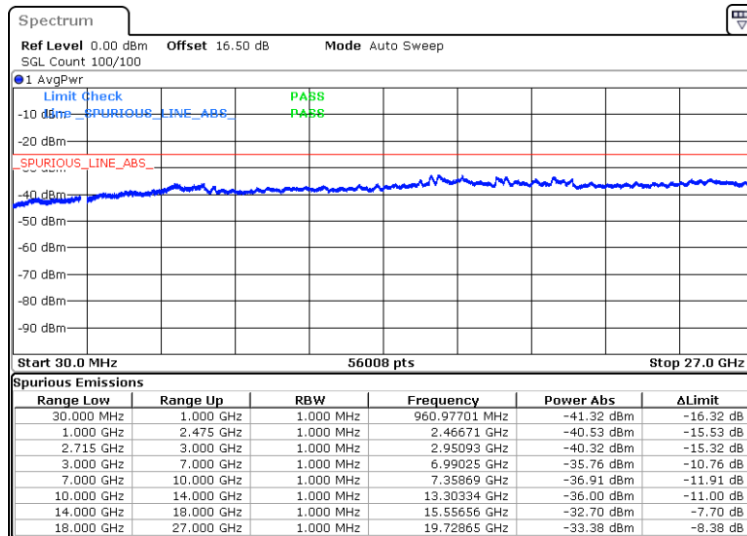
Date: 1.APR.2022 00:37:27

Middle Channel / QPSK



Date: 1.APR.2022 00:38:31

Highest Channel / QPSK

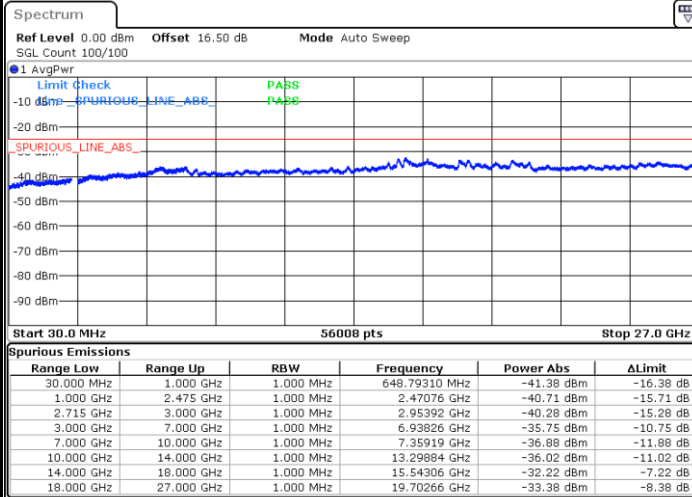


Date: 1.APR.2022 00:39:35



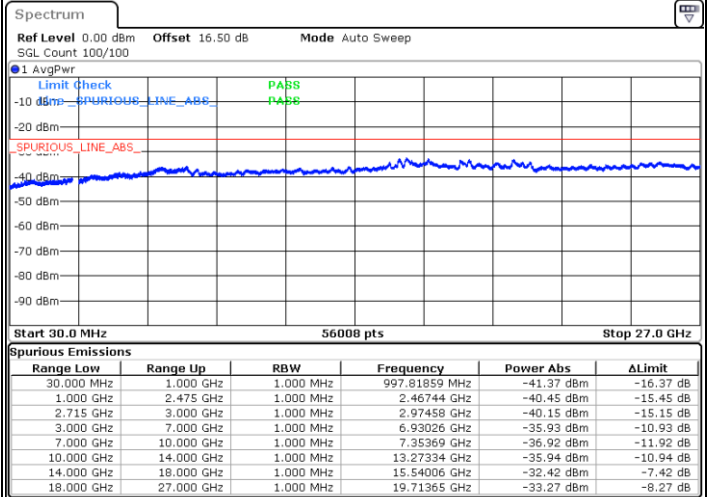
LTE Band 41 / 15MHz

Lowest Channel / QPSK



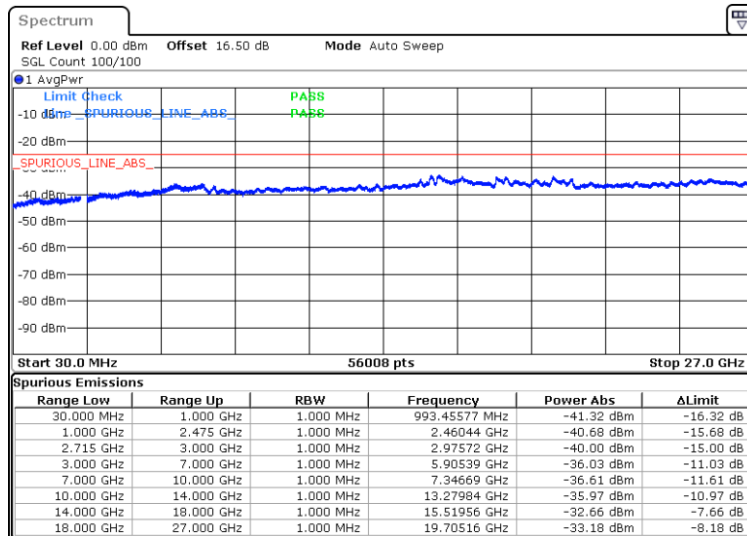
Date: 1.APR.2022 00:40:42

Middle Channel / QPSK



Date: 1.APR.2022 00:41:46

Highest Channel / QPSK

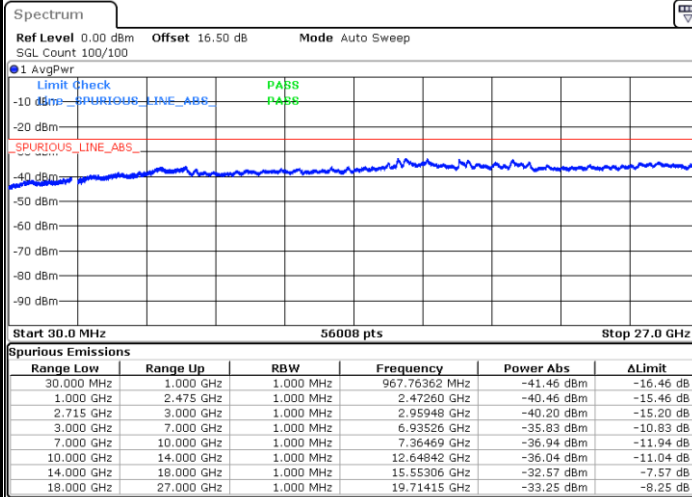


Date: 1.APR.2022 00:42:50



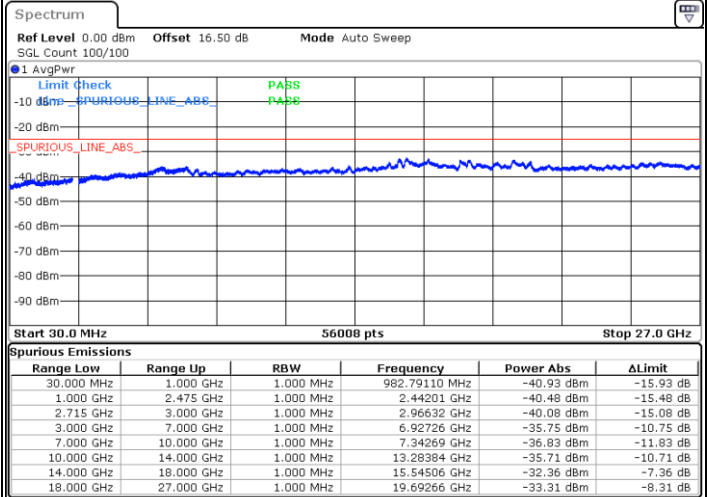
LTE Band 41 / 20MHz

Lowest Channel / QPSK



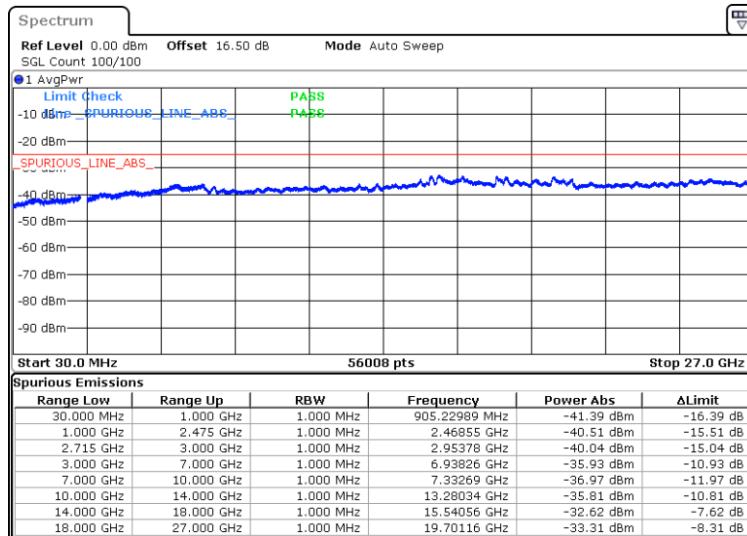
Date: 1.APR.2022 00:43:57

Middle Channel / QPSK



Date: 1.APR.2022 00:45:01

Highest Channel / QPSK



Date: 1.APR.2022 00:46:05

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	0.0006	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0069	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0052	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0024	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.40 V. ; Maximum Voltage = 4.45 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	24.83	24.73	29.85	25.18	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.04	24.93	30.21	34.69	39.72

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.88	25.43	30.03	25.13	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.83	24.98	30.03	34.97	40.20

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.18	29.85	25.23	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.93	29.97	34.90	39.72

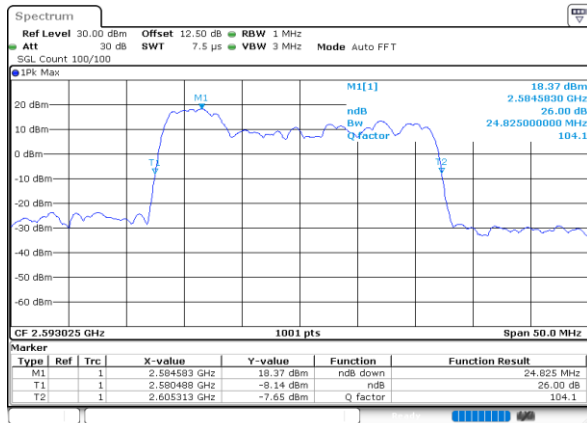
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.73	25.08	30.45	25.62	31.11
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.11	24.93	30.09	35.18	39.88



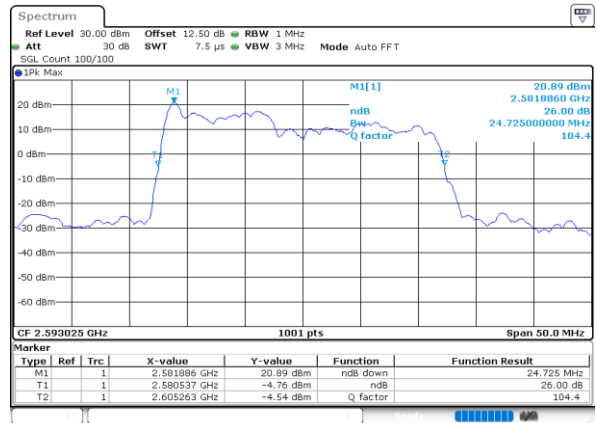
LTE Band 41C

QPSK

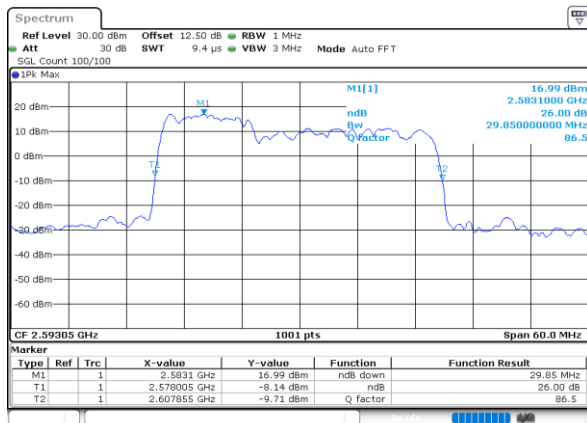
Middle Channel / 5MHz+20MHz



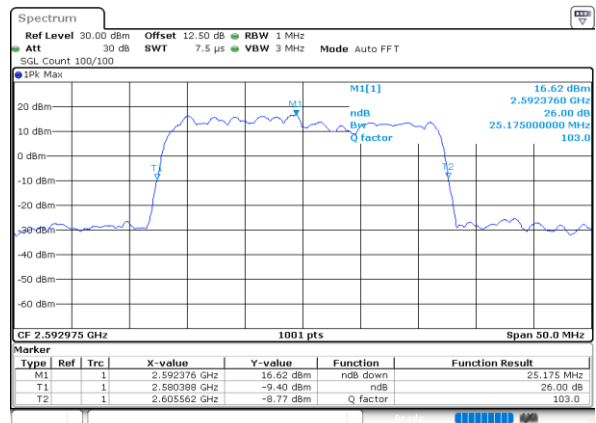
Middle Channel / 10MHz+15MHz



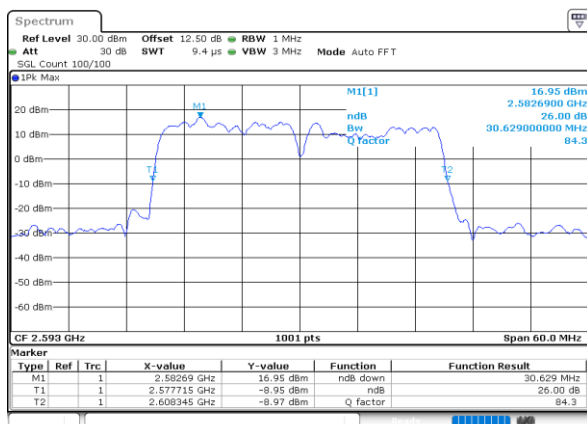
Middle Channel / 10MHz+20MHz



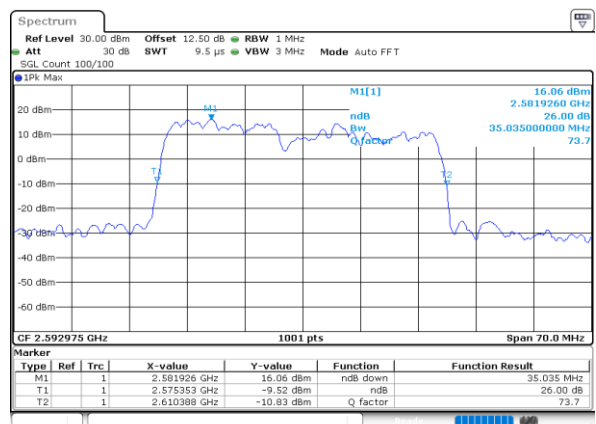
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



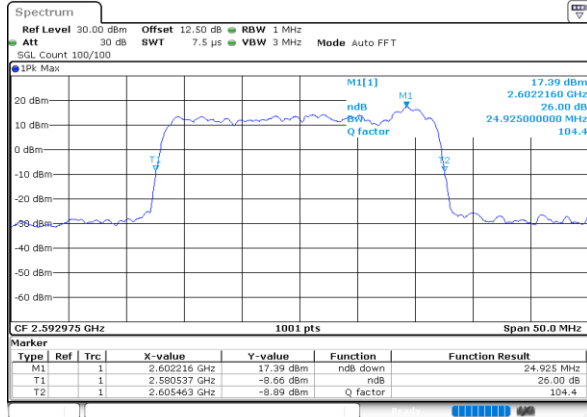
Middle Channel / 15MHz+20MHz



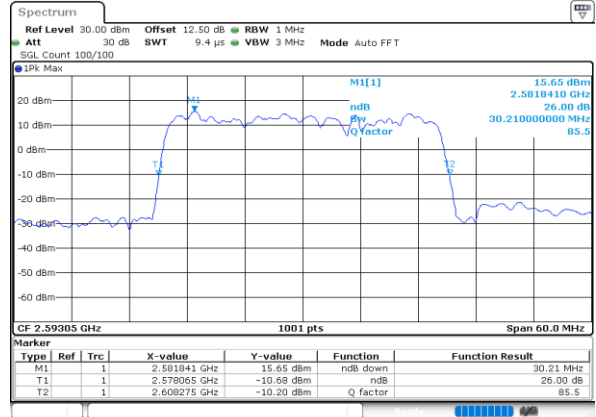


LTE Band 41C

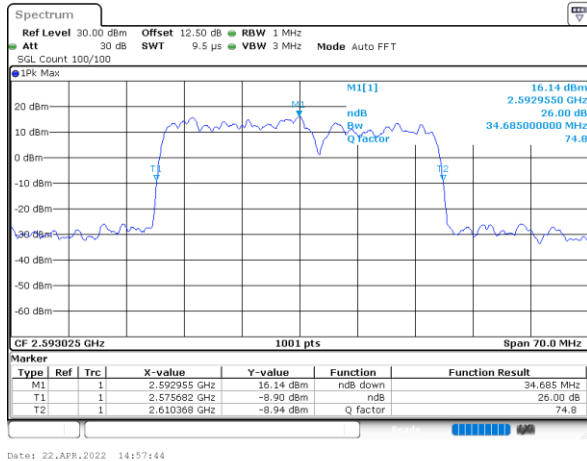
Middle Channel / 20MHz+5MHz



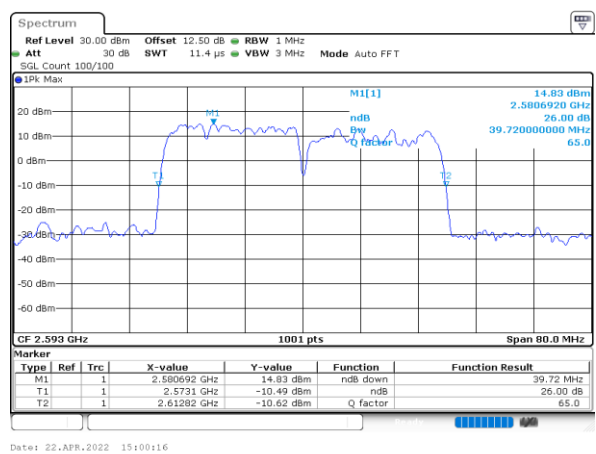
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



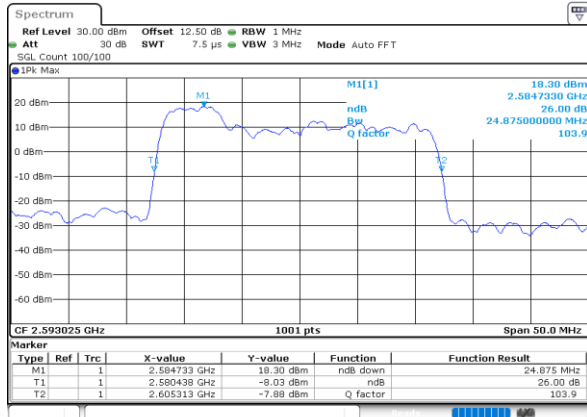
Middle Channel / 20MHz+20MHz



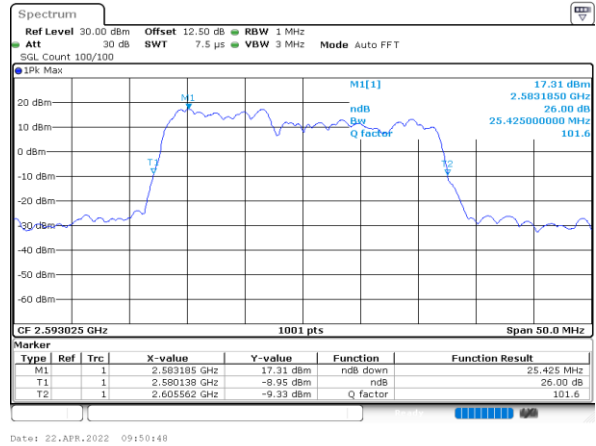


LTE Band 41C

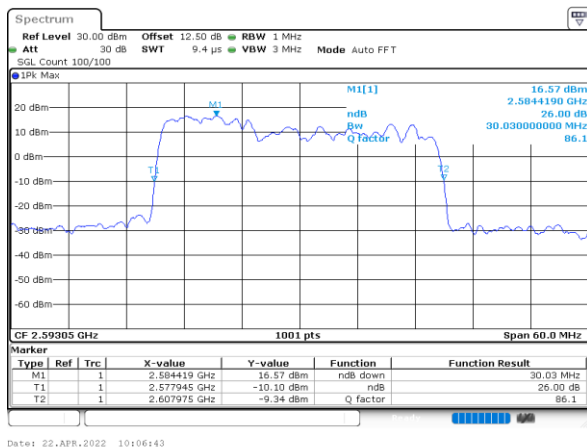
Middle Channel / 5MHz+20MHz



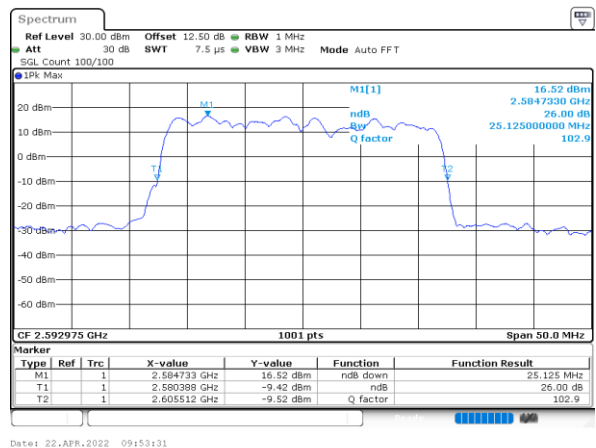
Middle Channel / 10MHz+15MHz



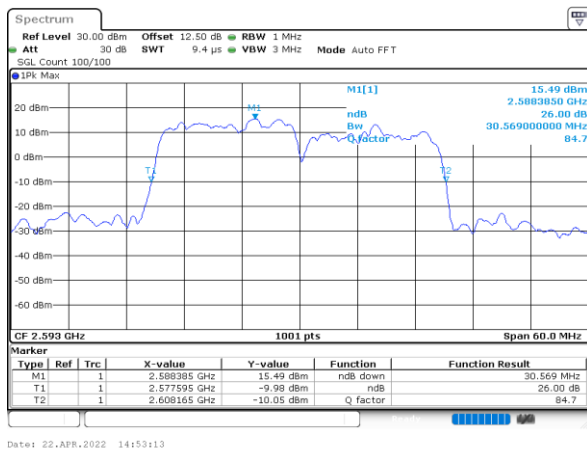
Middle Channel / 10MHz+20MHz



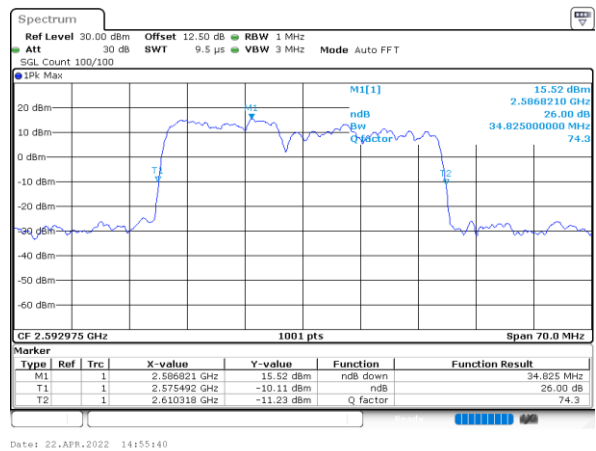
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

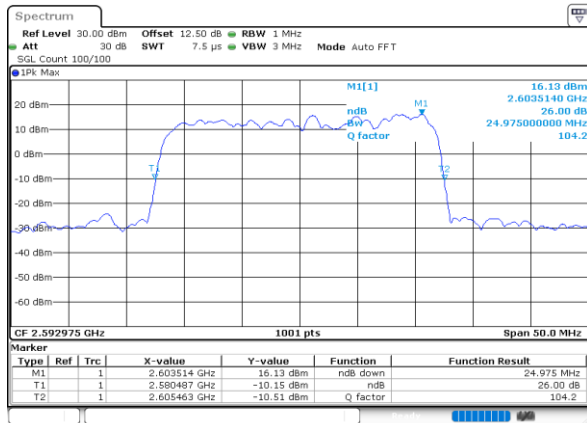




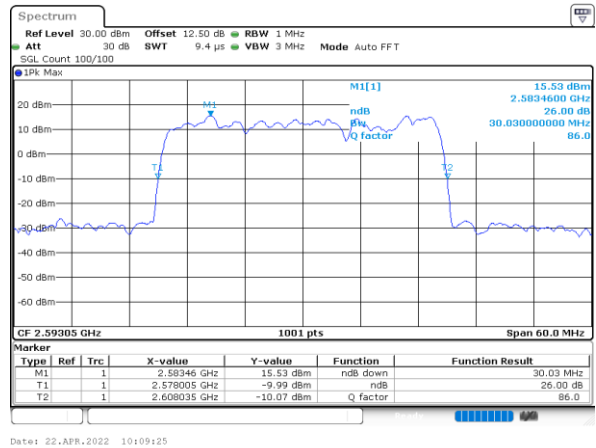
LTE Band 41C

16QAM

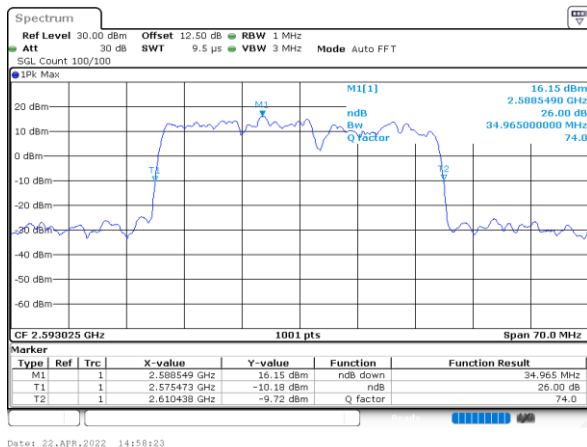
Middle Channel / 20MHz+5MHz



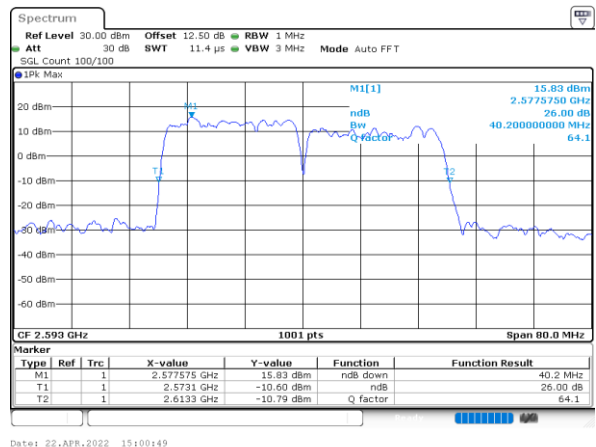
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

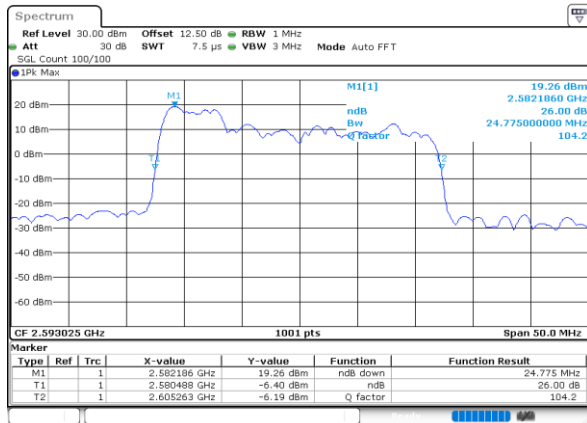




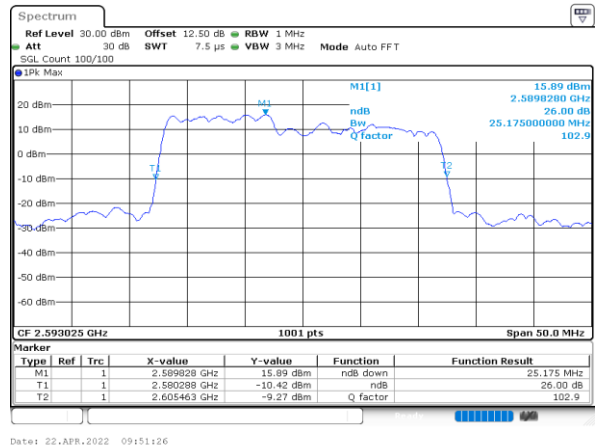
LTE Band 41C

64QAM

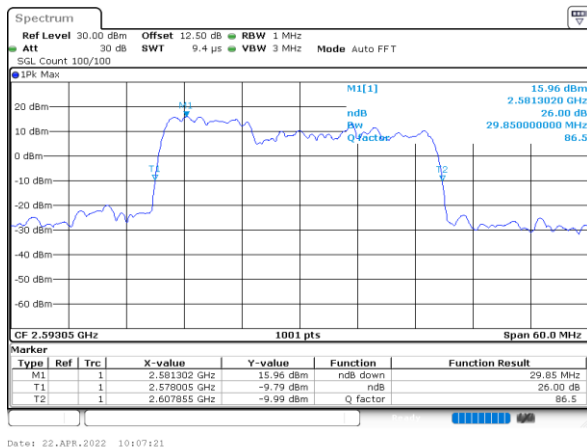
Middle Channel / 5MHz+20MHz



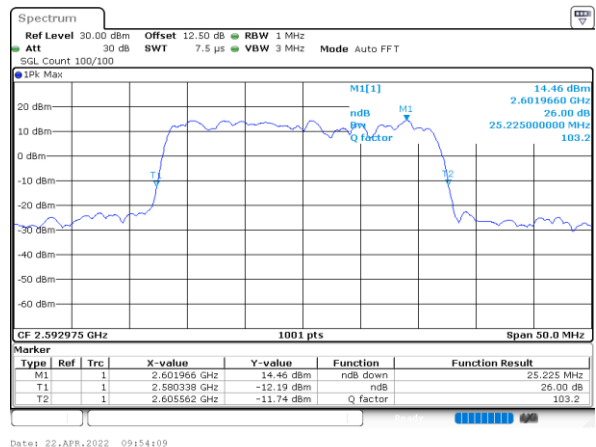
Middle Channel / 10MHz+15MHz



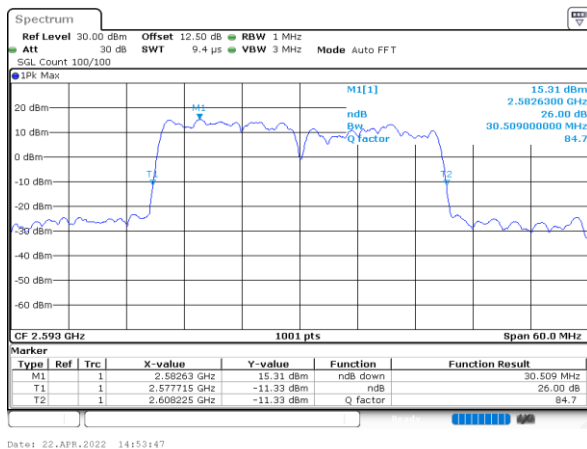
Middle Channel / 10MHz+20MHz



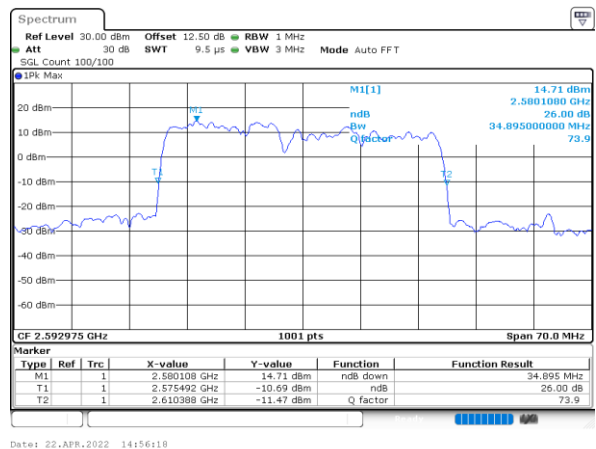
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

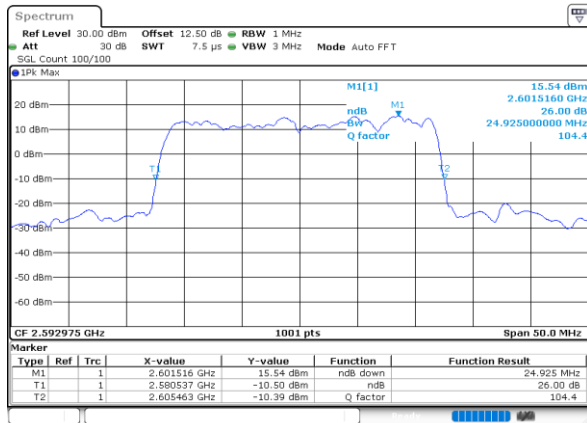




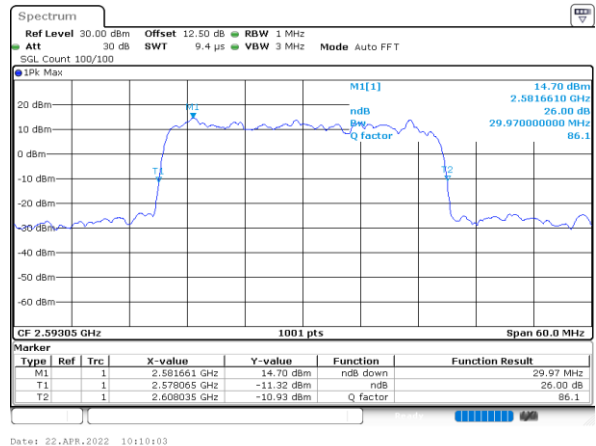
LTE Band 41C

64QAM

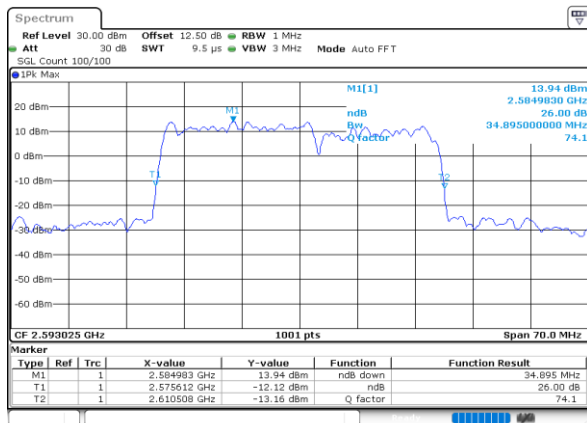
Middle Channel / 20MHz+5MHz



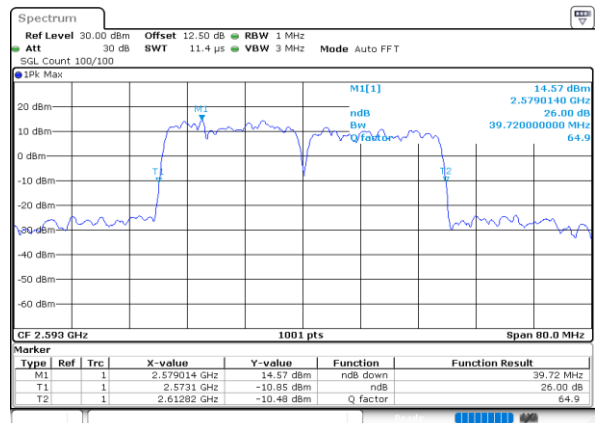
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

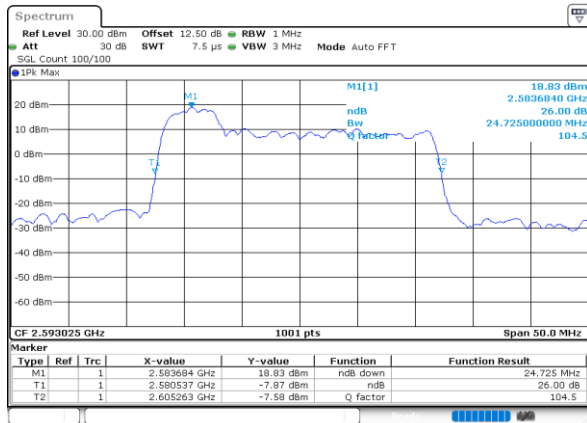




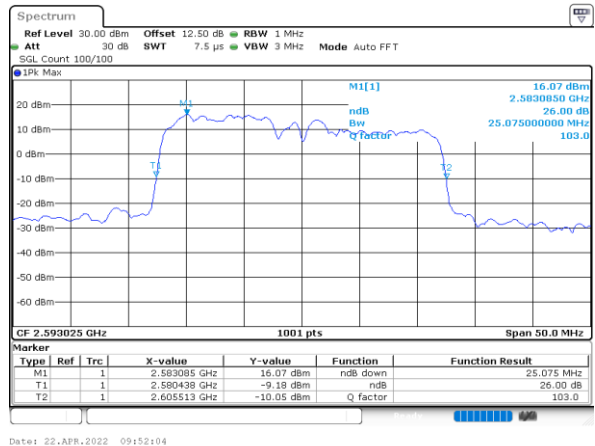
LTE Band 41C

256QAM

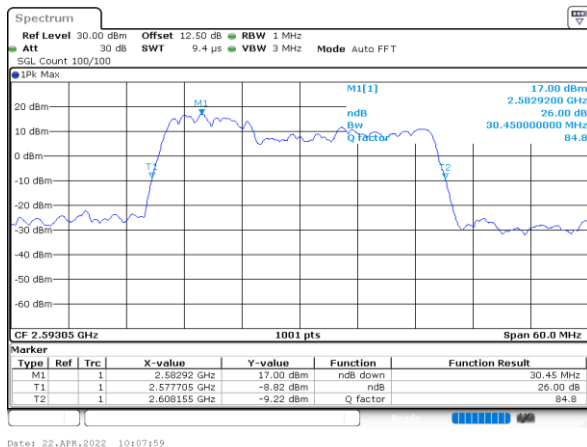
Middle Channel / 5MHz+20MHz



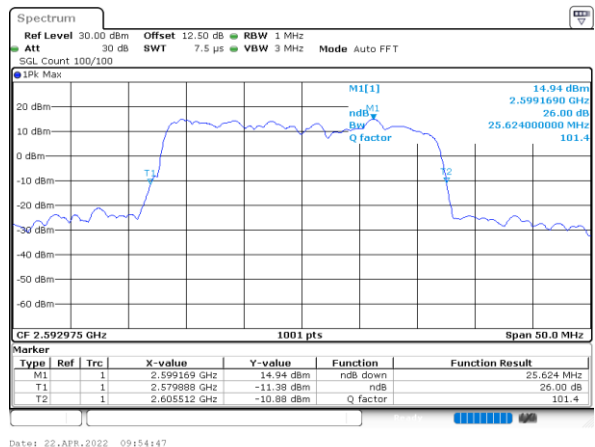
Middle Channel / 10MHz+15MHz



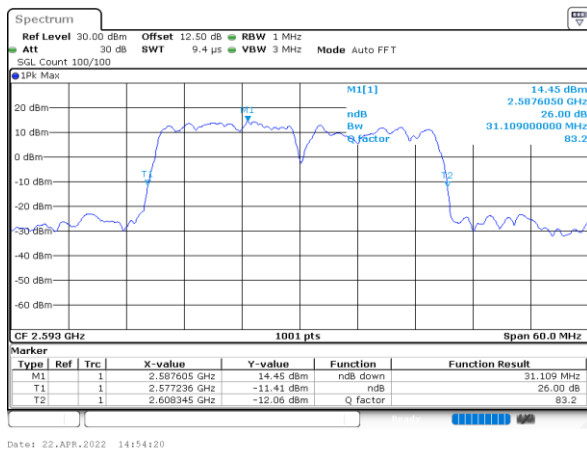
Middle Channel / 10MHz+20MHz



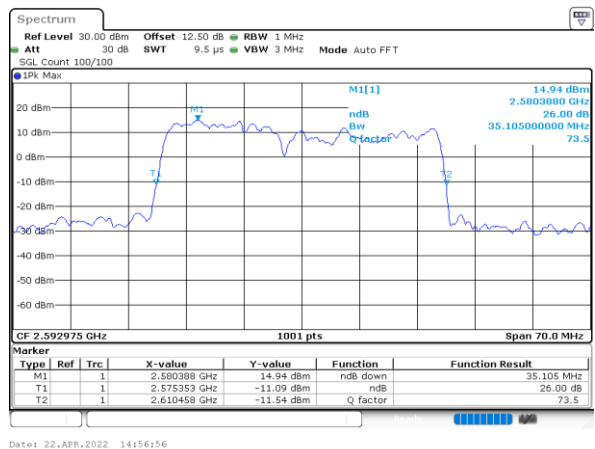
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

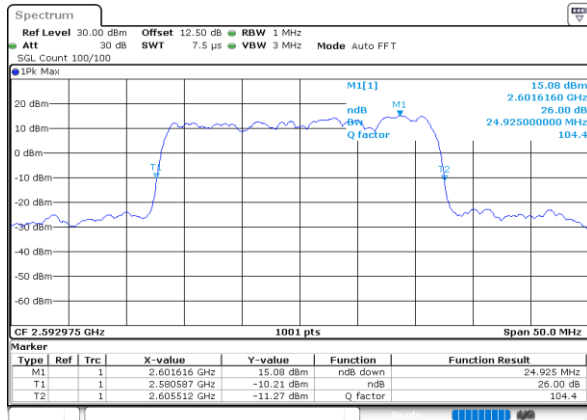




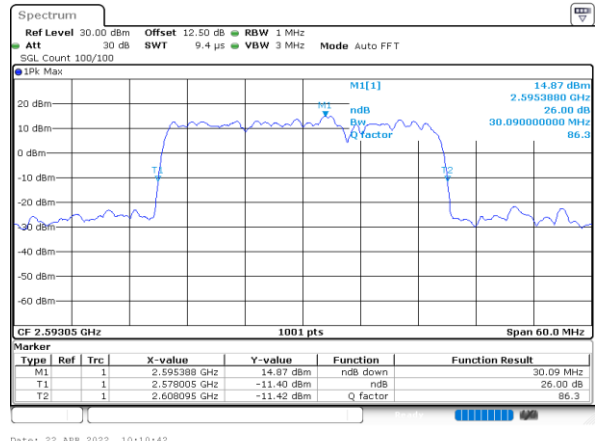
LTE Band 41C

256QAM

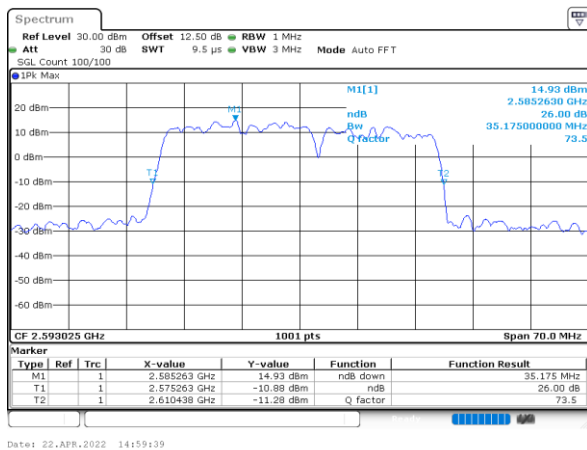
Middle Channel / 20MHz+5MHz



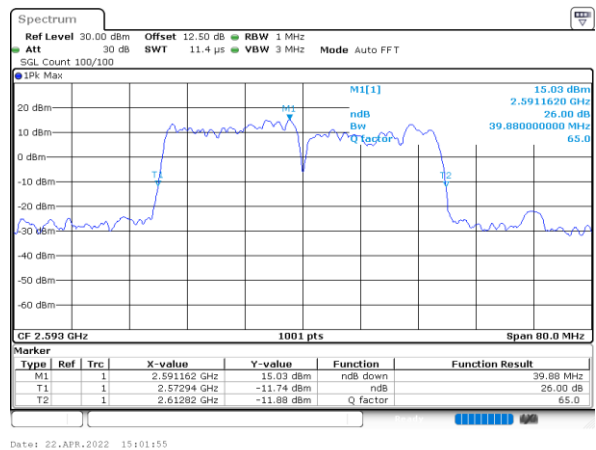
Middle Channel / 20MHz+10MHz



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	23.23	23.73	27.87	23.48	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.80	23.38	28.11	33.01	37.88

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.28	23.28	28.17	23.43	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.80	23.23	28.17	32.80	37.64

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.13	23.33	27.63	23.43	28.41
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.94	23.13	28.11	32.80	37.80

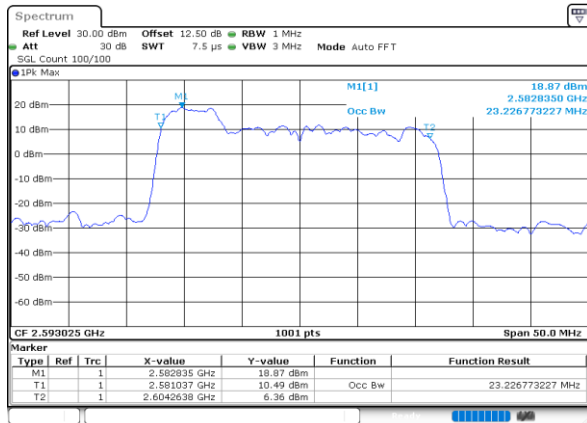
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.23	23.28	27.87	23.33	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.01	23.43	27.87	32.73	37.56



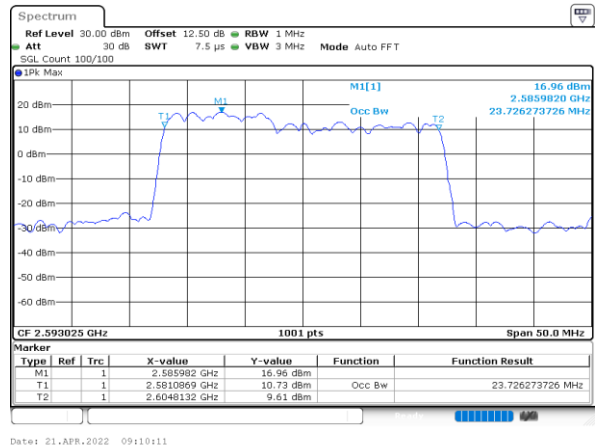
LTE Band 41C

QPSK

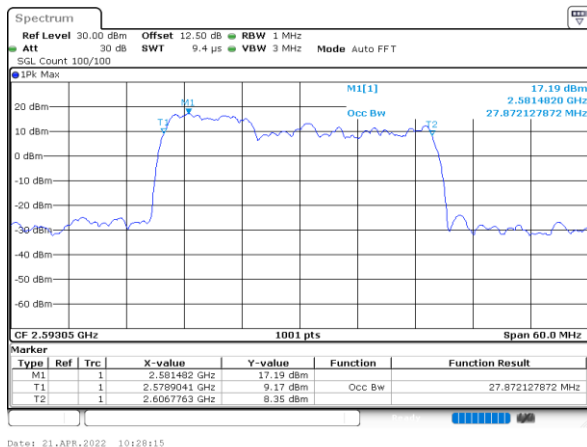
Middle Channel / 5MHz+20MHz



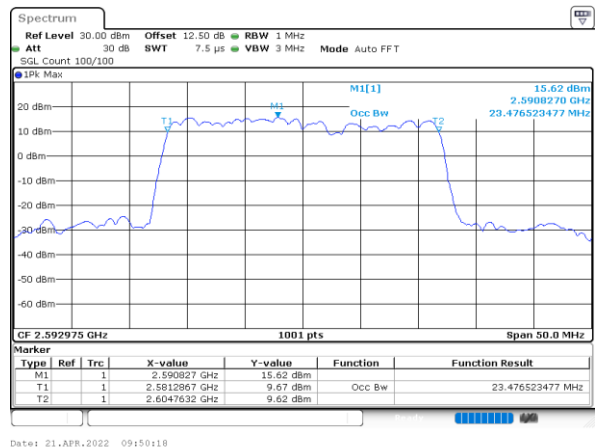
Middle Channel / 10MHz+15MHz



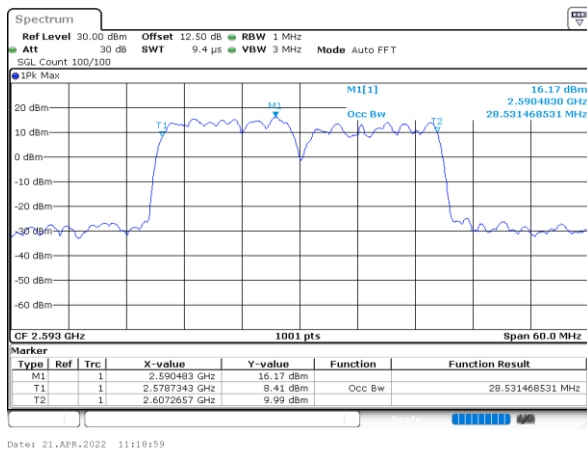
Middle Channel / 10MHz+20MHz



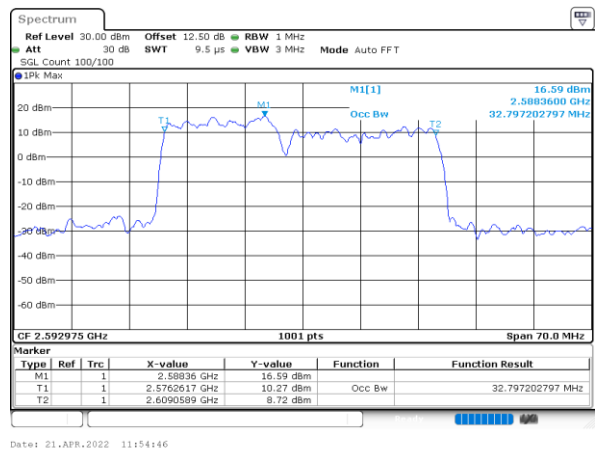
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

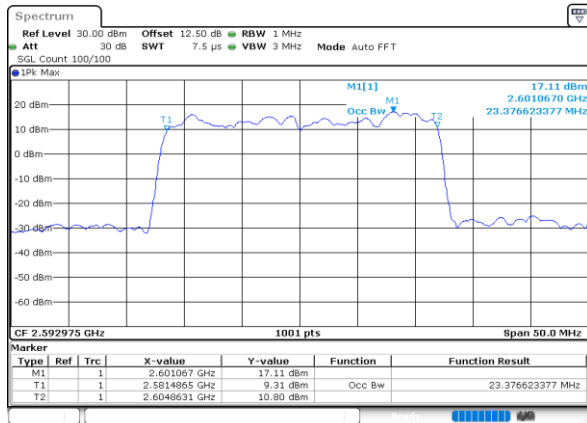




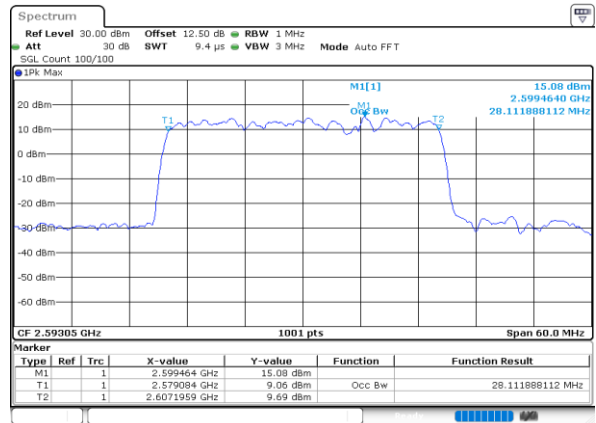
LTE Band 41C

QPSK

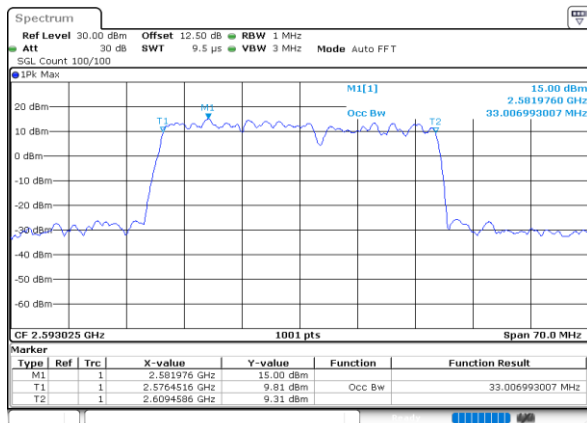
Middle Channel / 20MHz+5MHz



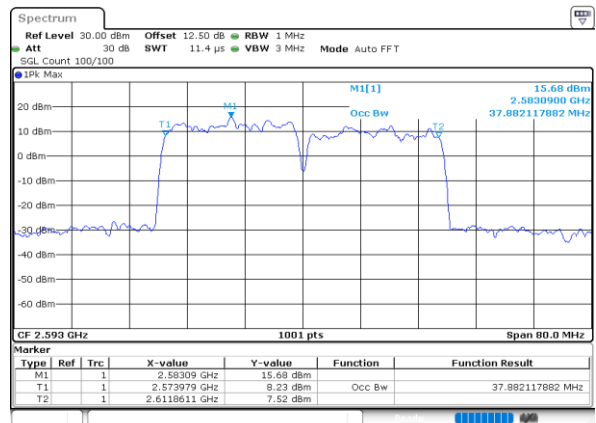
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

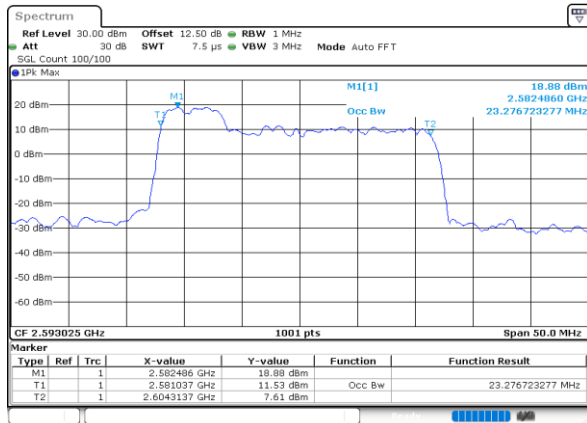




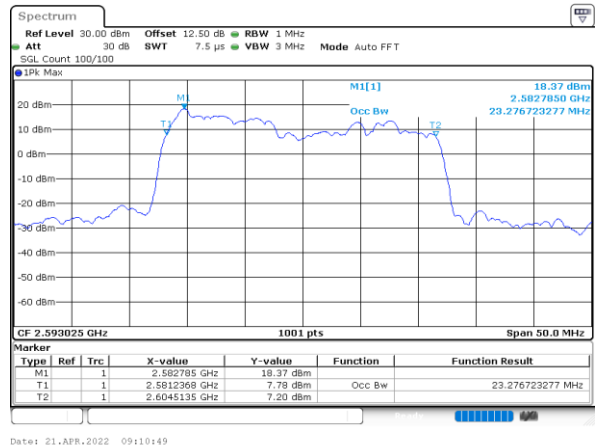
LTE Band 41C

16QAM

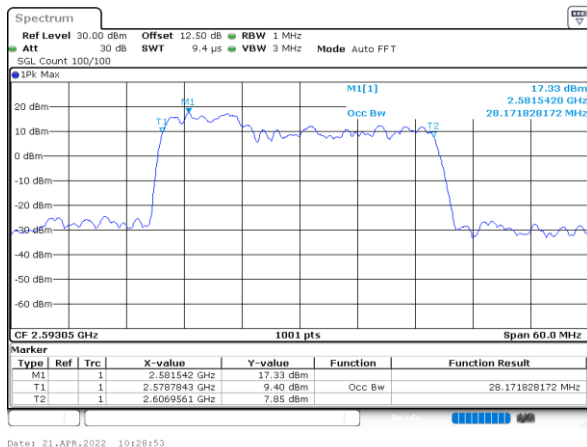
Middle Channel / 5MHz+20MHz



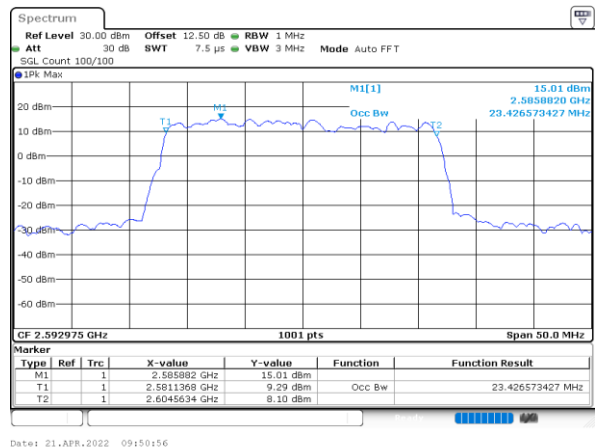
Middle Channel / 10MHz+15MHz



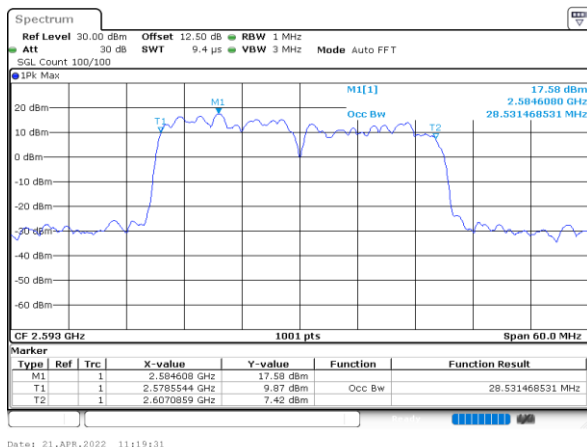
Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

