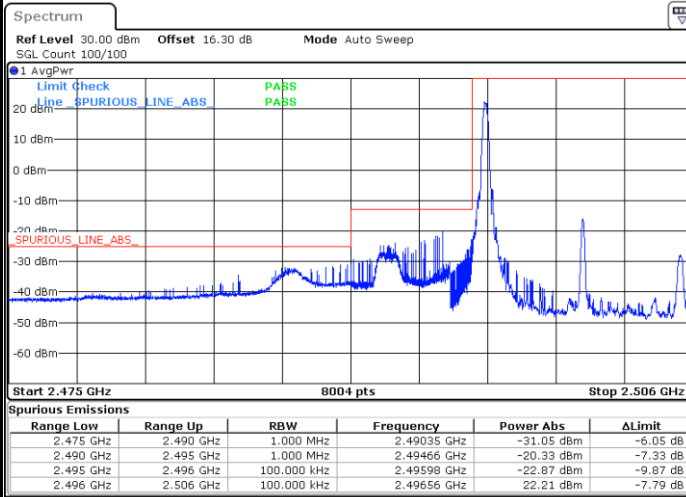




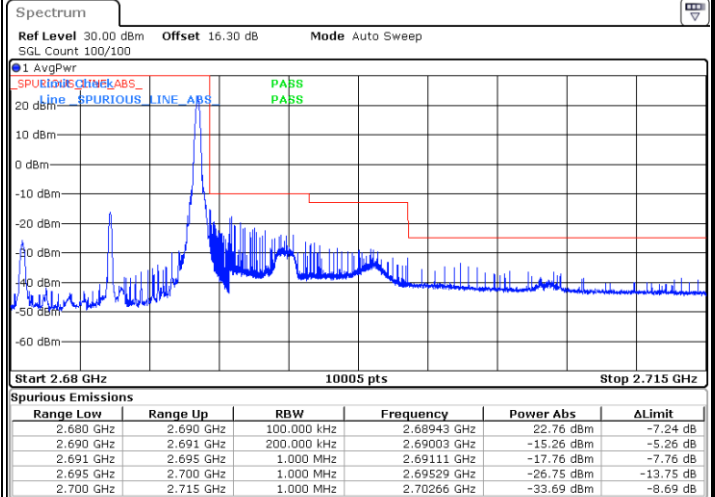
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



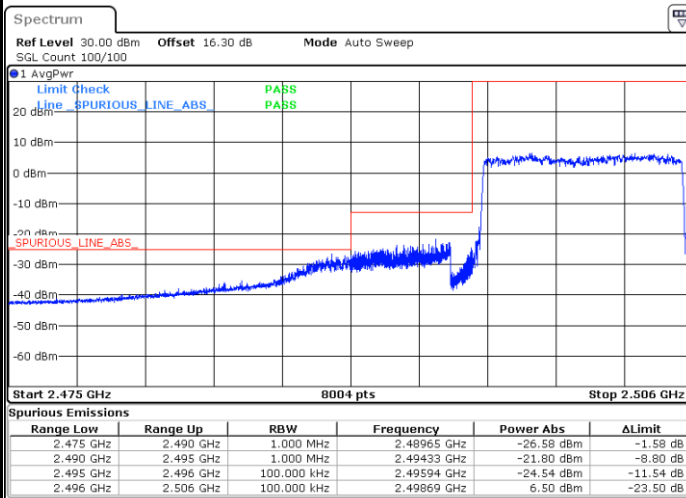
Date: 23.JUN.2021 19:53:50

Highest Band Edge / 1 RB



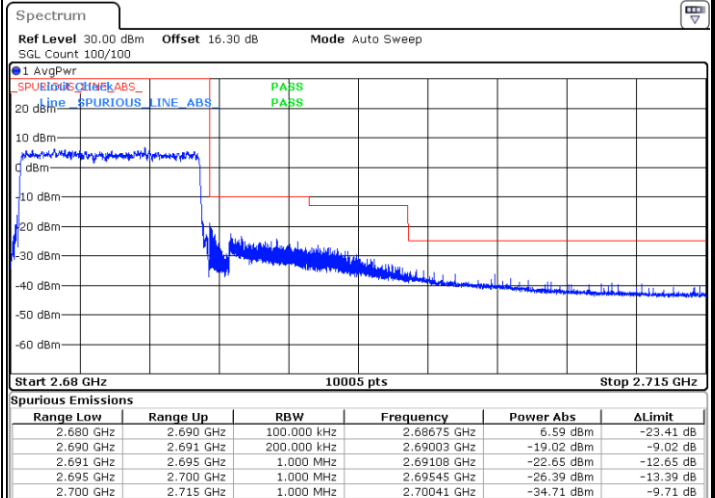
Date: 23.JUN.2021 19:55:32

Lowest Band Edge / Full RB



Date: 23.JUN.2021 19:54:41

Highest Band Edge / Full RB

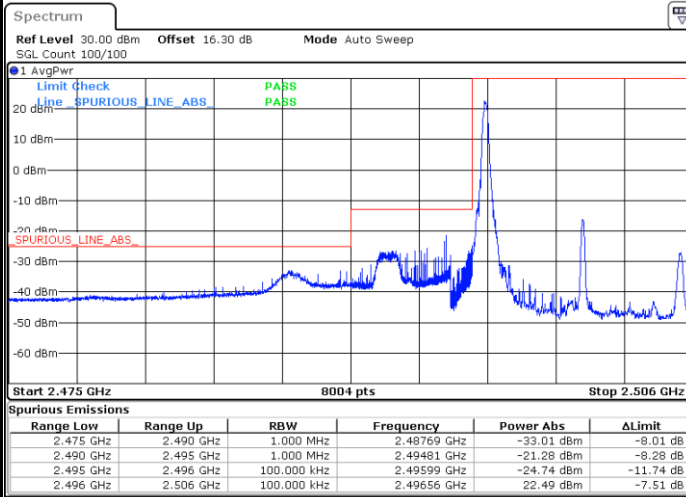


Date: 23.JUN.2021 19:56:23



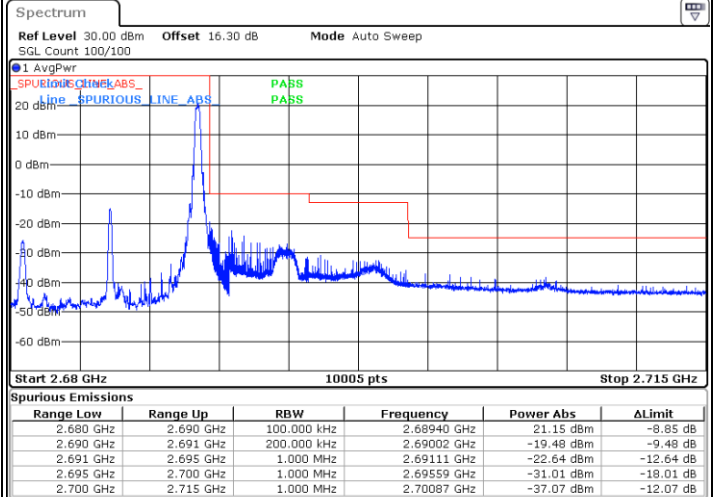
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



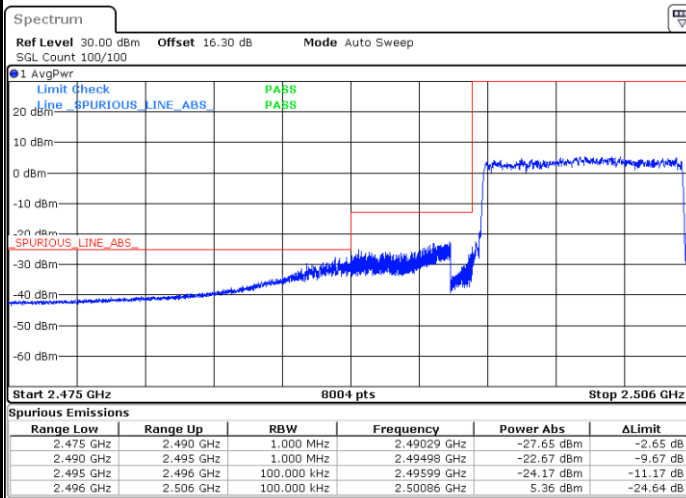
Date: 23.JUN.2021 19:56:48

Highest Band Edge / 1 RB



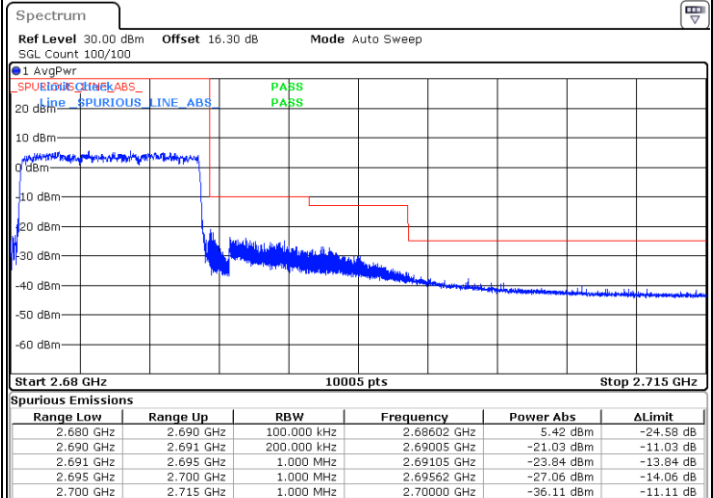
Date: 23.JUN.2021 19:57:39

Lowest Band Edge / Full RB



Date: 23.JUN.2021 19:57:14

Highest Band Edge / Full RB

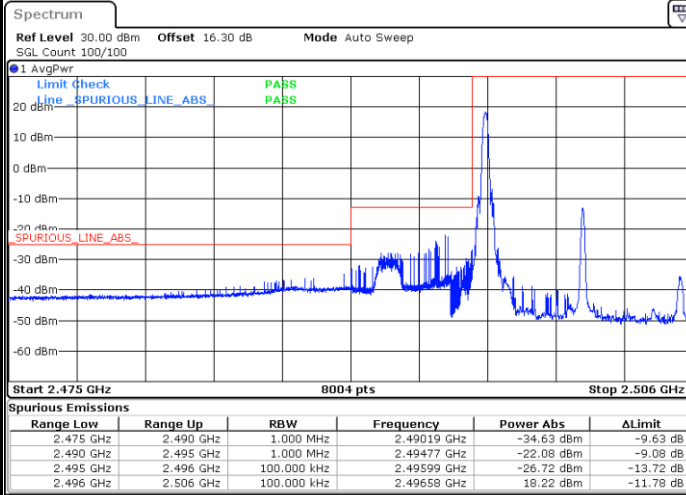


Date: 23.JUN.2021 19:58:04



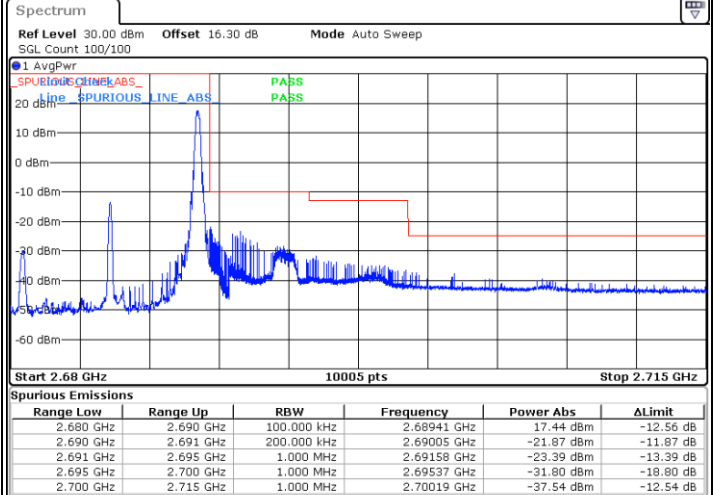
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



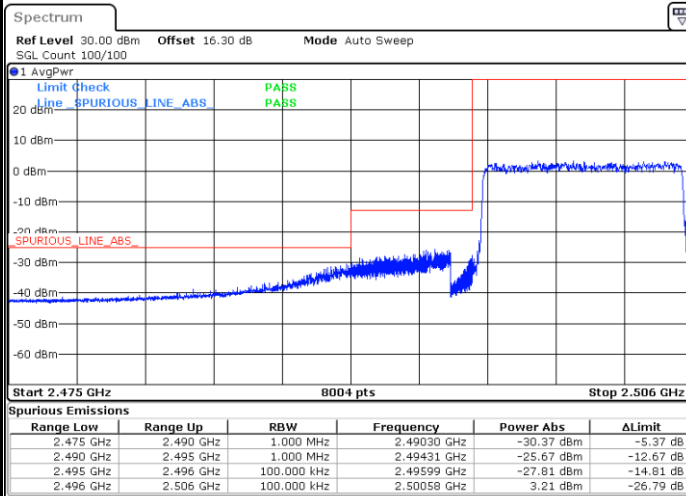
Date: 24.JUN.2021 08:40:20

Highest Band Edge / 1 RB



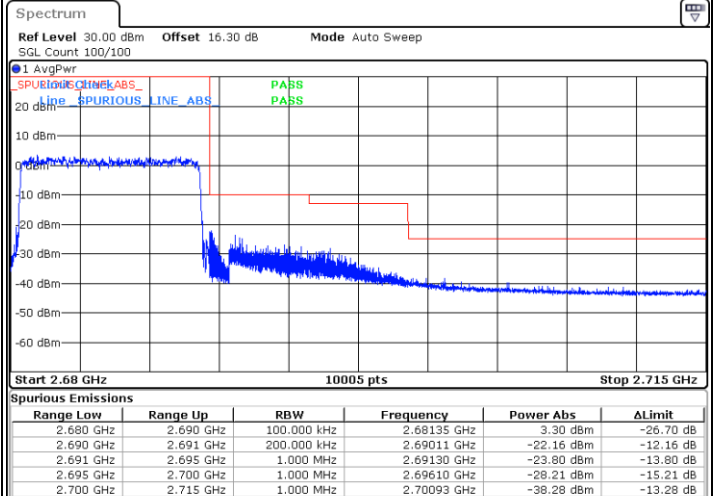
Date: 24.JUN.2021 08:41:49

Lowest Band Edge / Full RB



Date: 24.JUN.2021 08:41:05

Highest Band Edge / Full RB

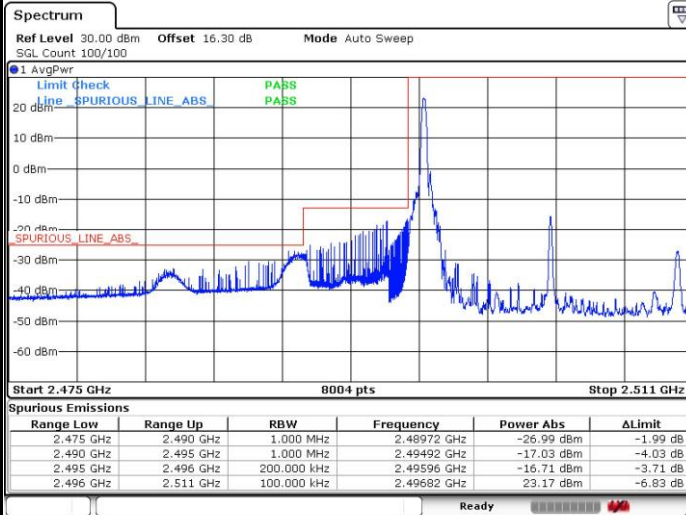


Date: 24.JUN.2021 08:42:34



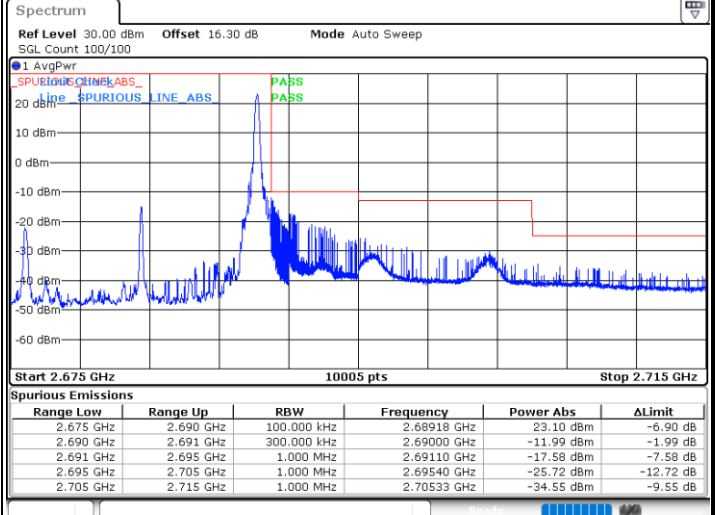
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



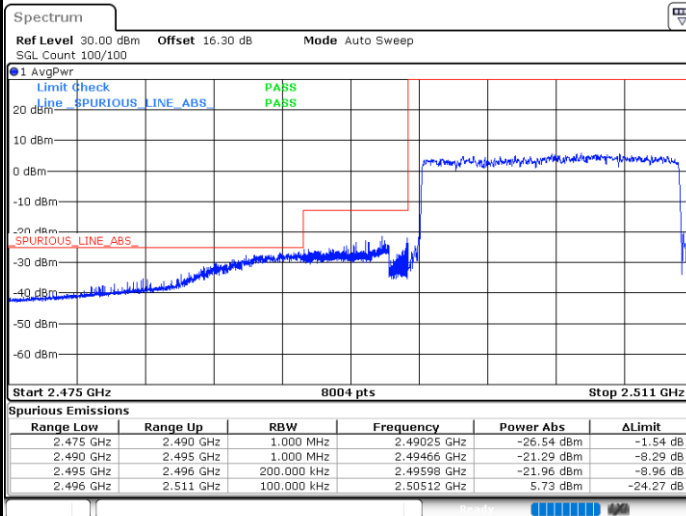
Date: 23.JUN.2021 20:17:07

Highest Band Edge / 1 RB



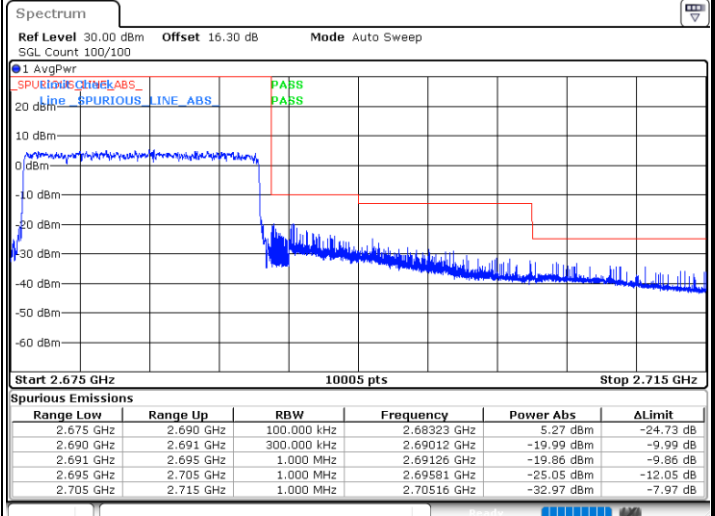
Date: 23.JUN.2021 20:02:11

Lowest Band Edge / Full RB



Date: 23.JUN.2021 20:19:59

Highest Band Edge / Full RB

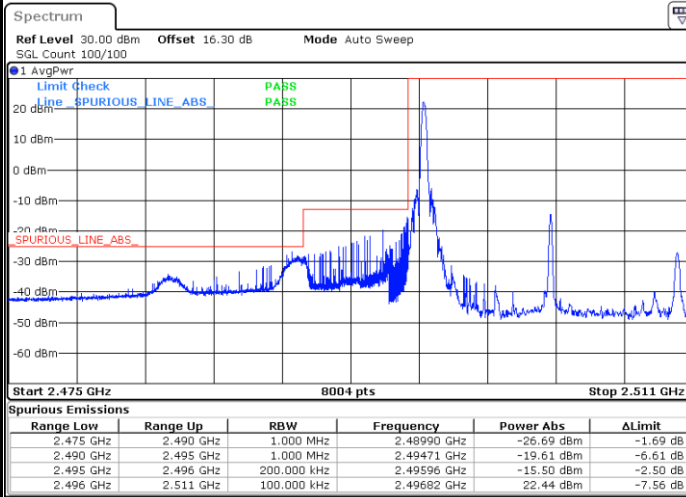


Date: 23.JUN.2021 20:03:02



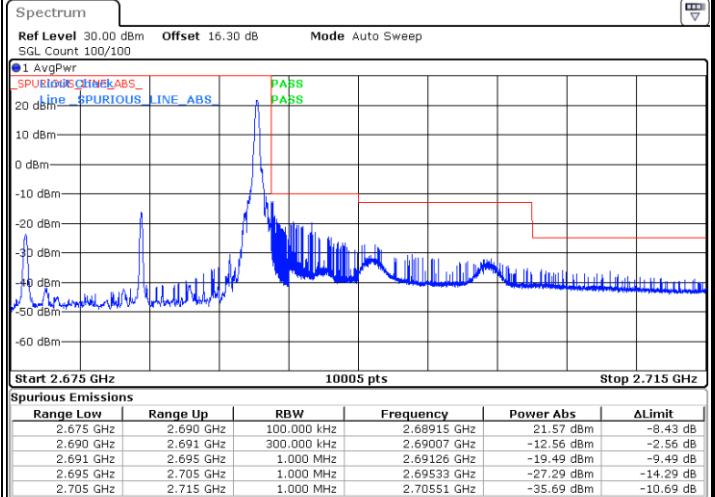
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



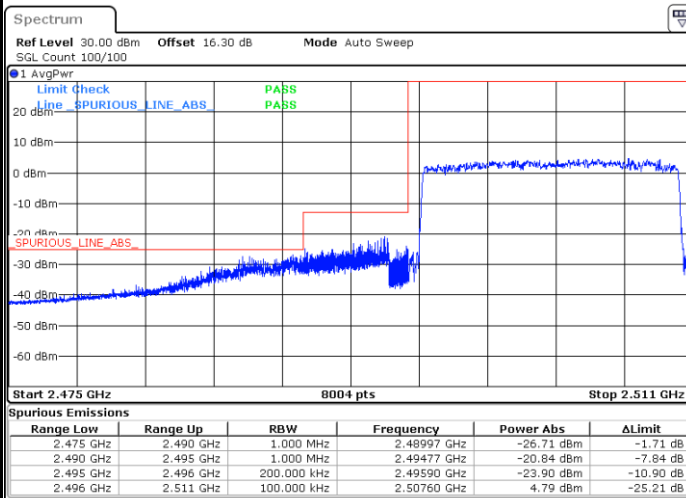
Date: 23.JUN.2021 20:00:55

Highest Band Edge / 1 RB



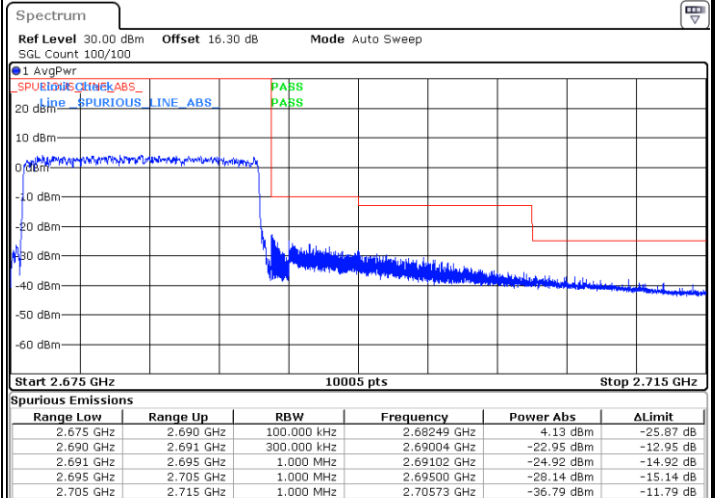
Date: 23.JUN.2021 20:20:59

Lowest Band Edge / Full RB



Date: 23.JUN.2021 20:01:46

Highest Band Edge / Full RB

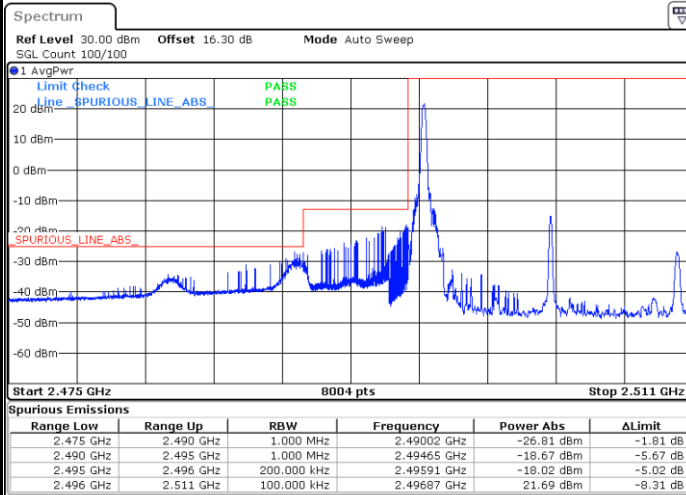


Date: 23.JUN.2021 20:03:27

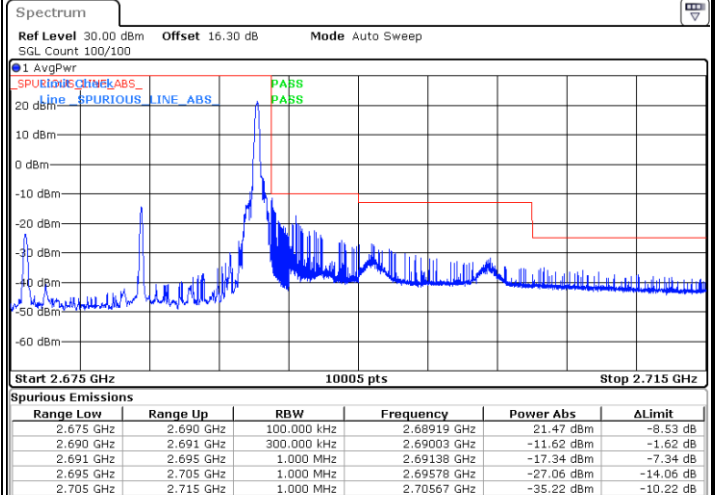


LTE Band 41 / 15MHz / 64QAM

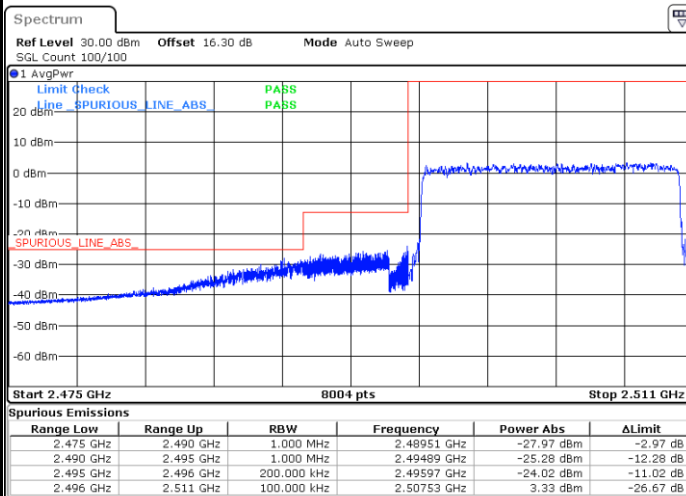
Lowest Band Edge / 1 RB



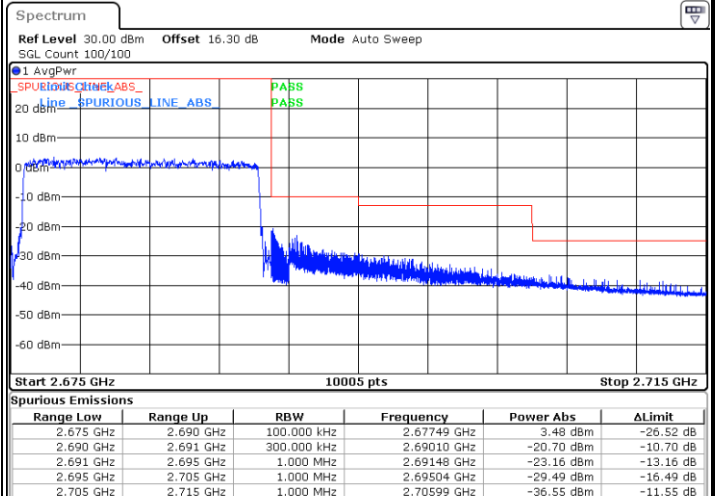
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



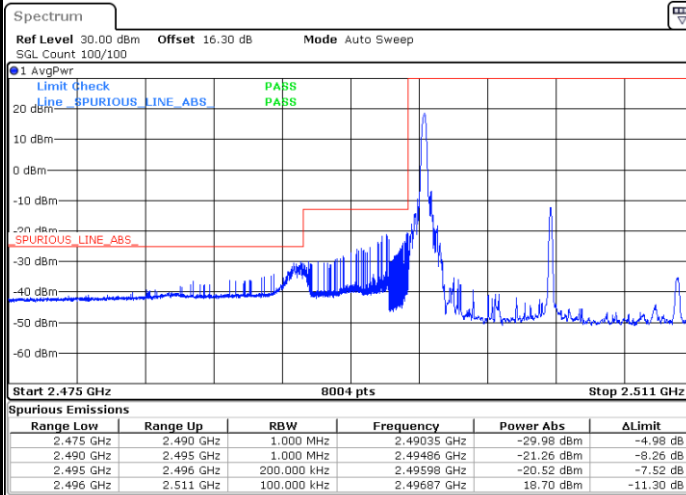
Highest Band Edge / Full RB





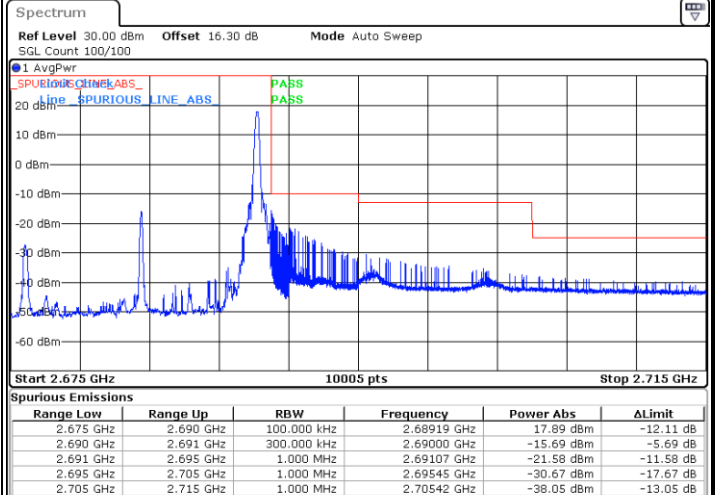
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



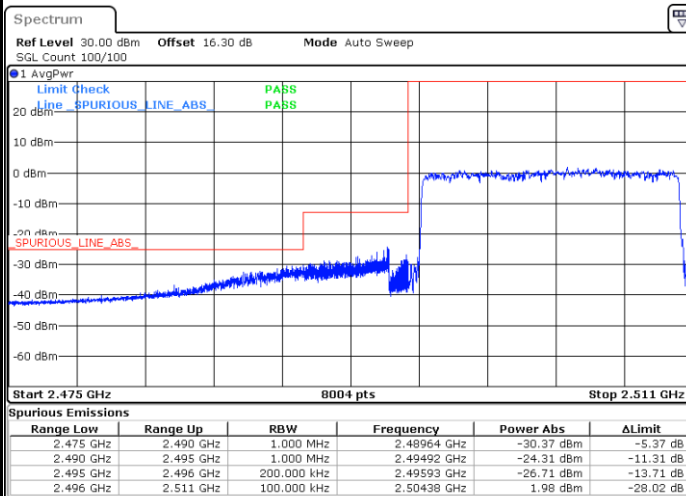
Date: 24.JUN.2021 08:43:02

Highest Band Edge / 1 RB



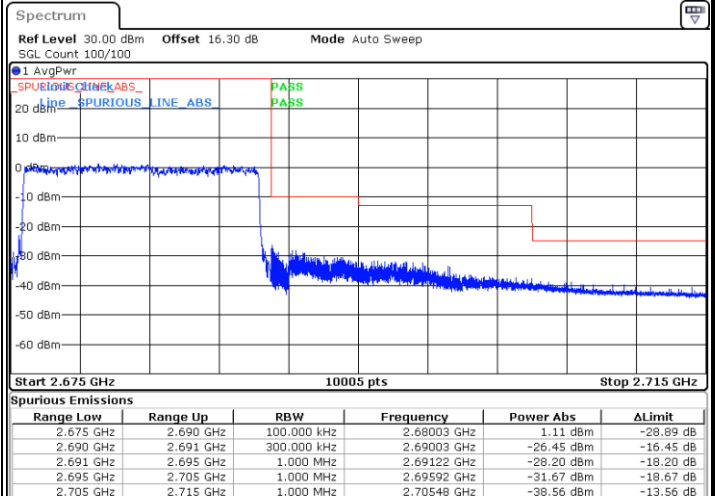
Date: 24.JUN.2021 08:44:31

Lowest Band Edge / Full RB



Date: 24.JUN.2021 08:43:47

Highest Band Edge / Full RB

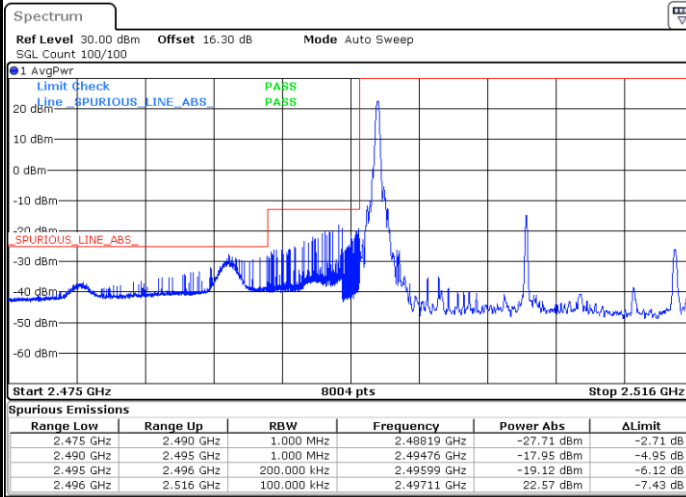


Date: 24.JUN.2021 08:45:16

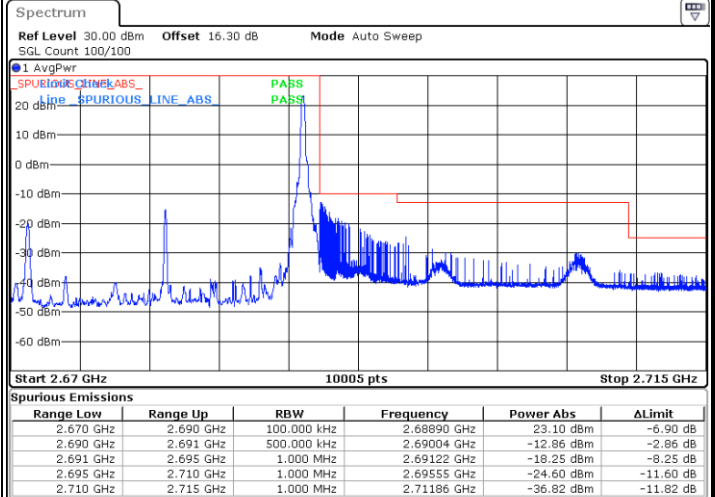


LTE Band 41 / 20MHz / QPSK

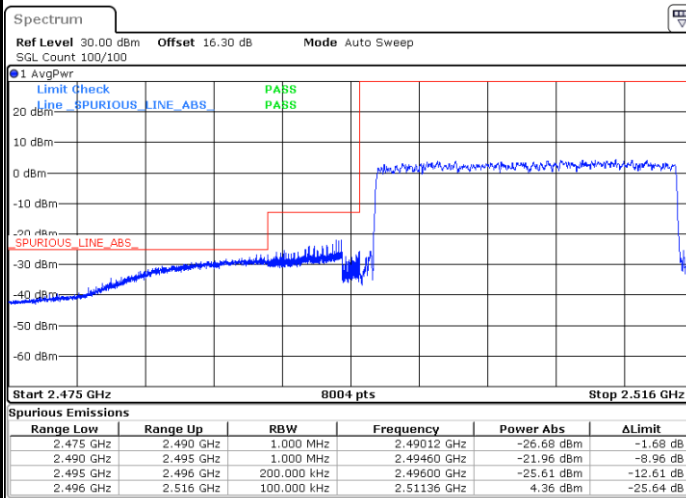
Lowest Band Edge / 1 RB



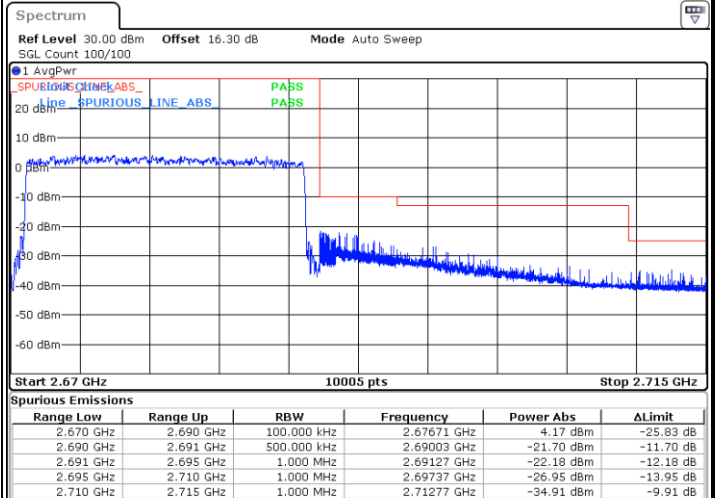
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



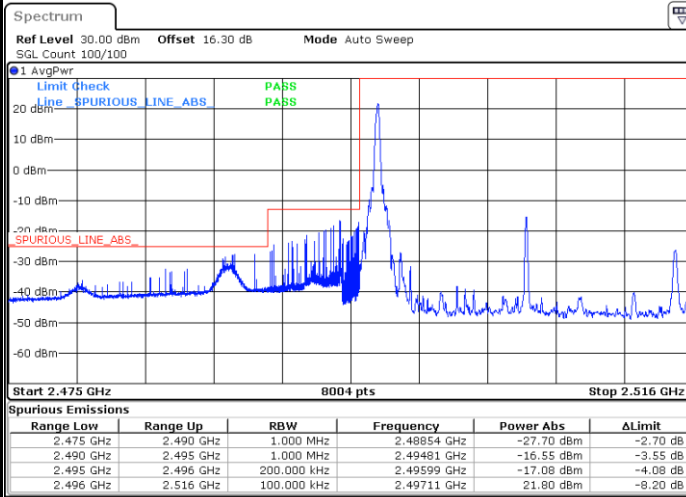
Highest Band Edge / Full RB



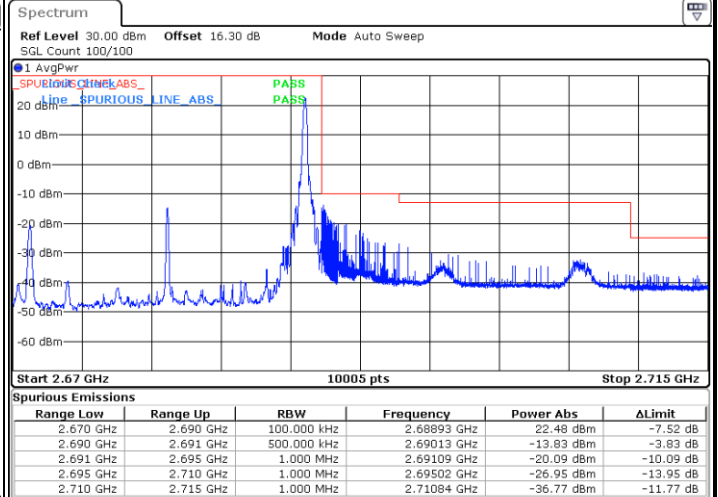


LTE Band 41 / 20MHz / 16QAM

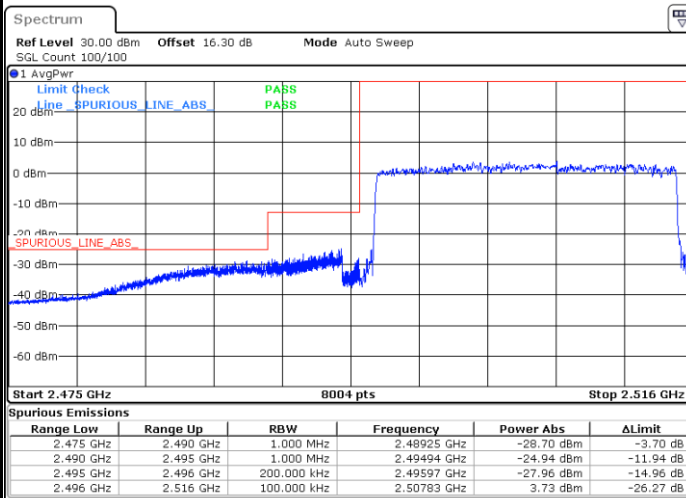
Lowest Band Edge / 1 RB



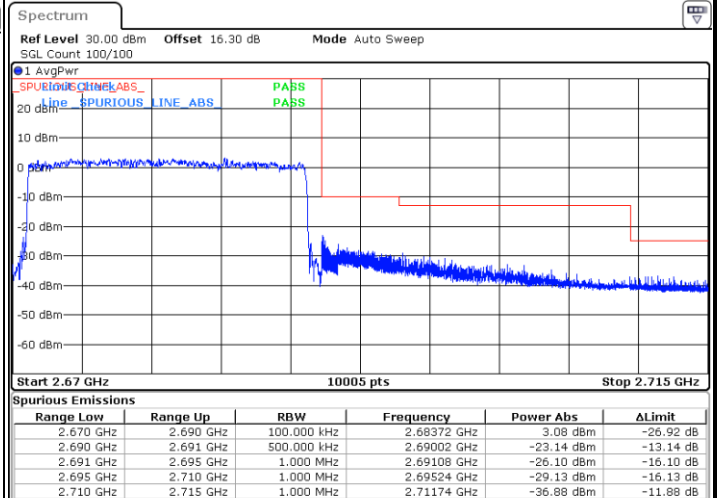
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



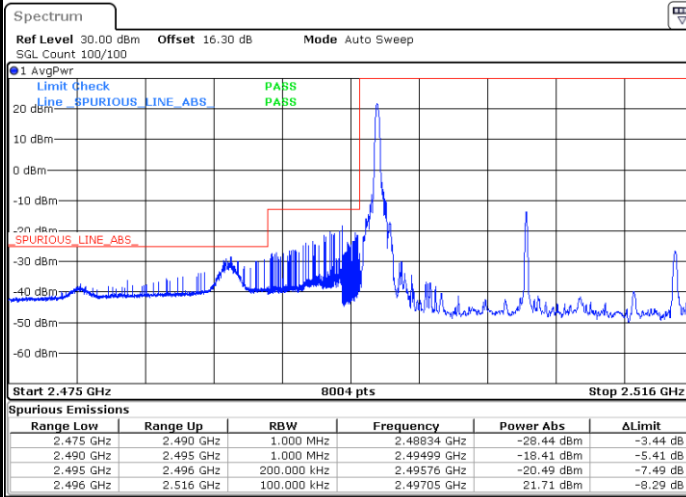
Highest Band Edge / Full RB



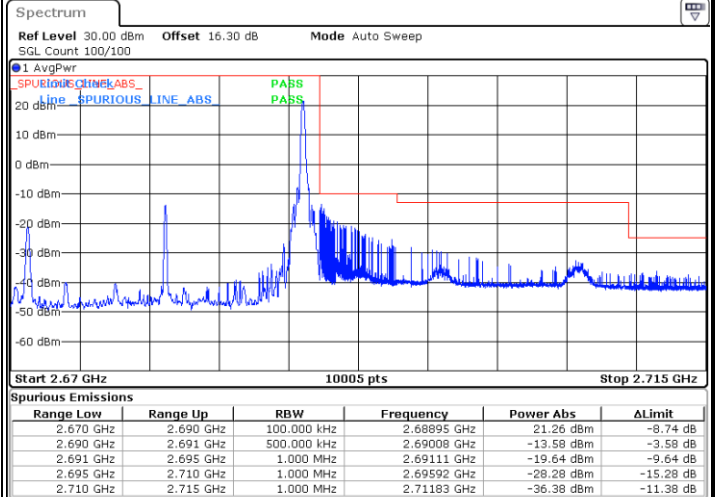


LTE Band 41 / 20MHz / 64QAM

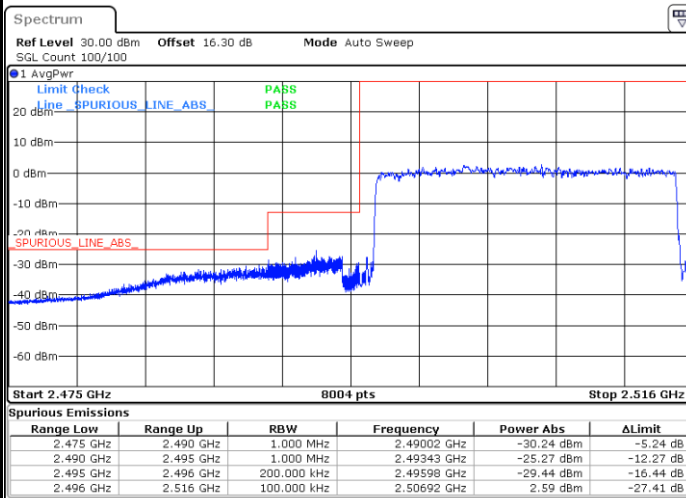
Lowest Band Edge / 1 RB



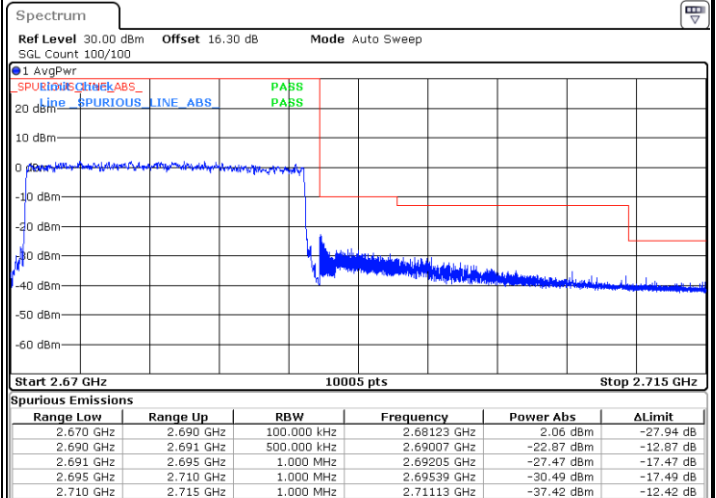
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



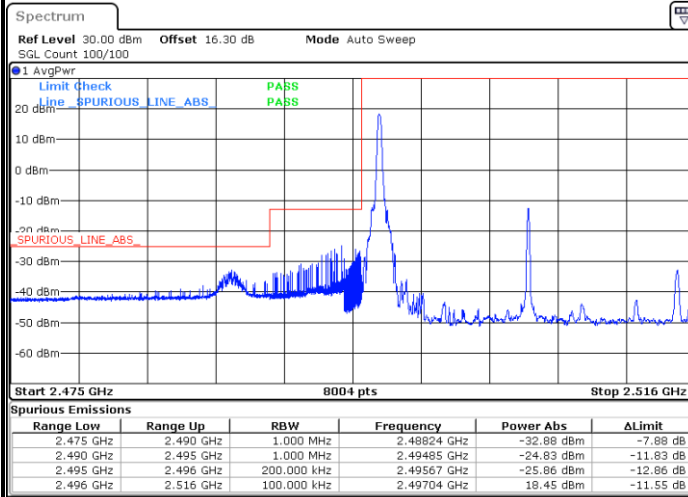
Highest Band Edge / Full RB



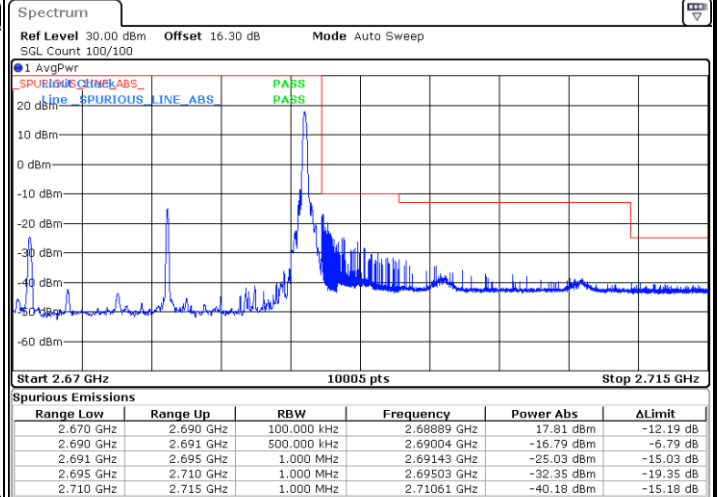


LTE Band 41 / 20MHz / 256QAM

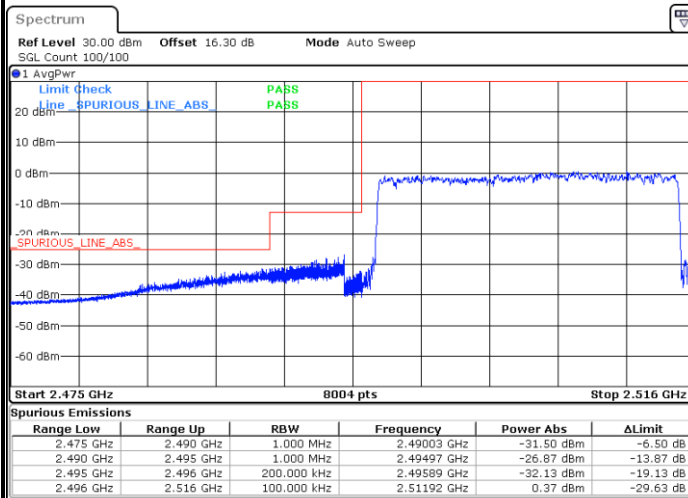
Lowest Band Edge / 1 RB



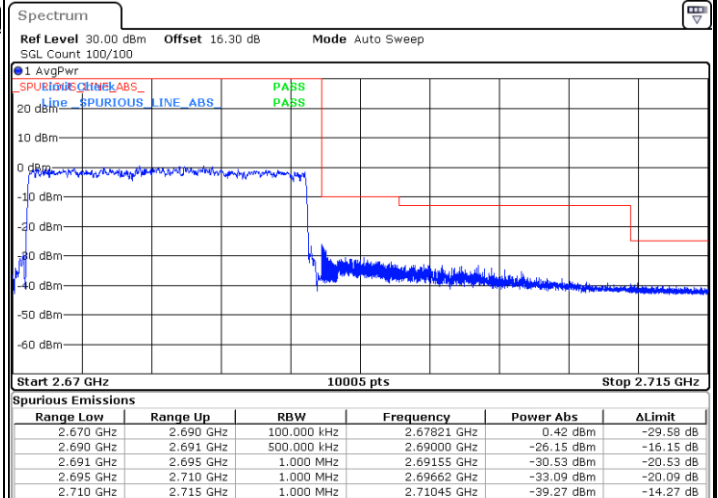
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

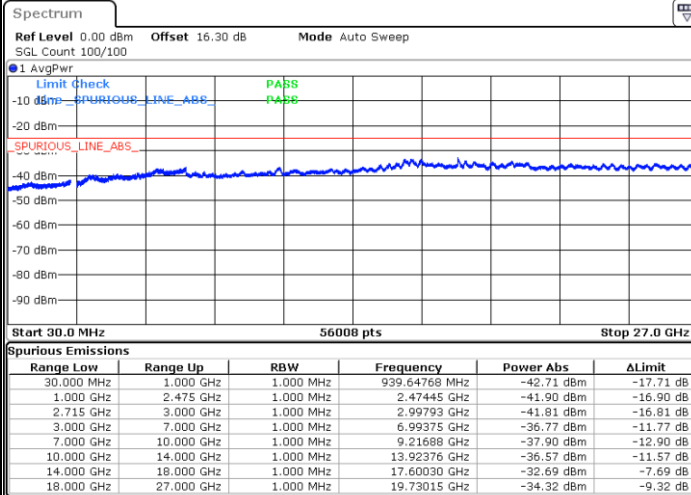




Conducted Spurious Emission

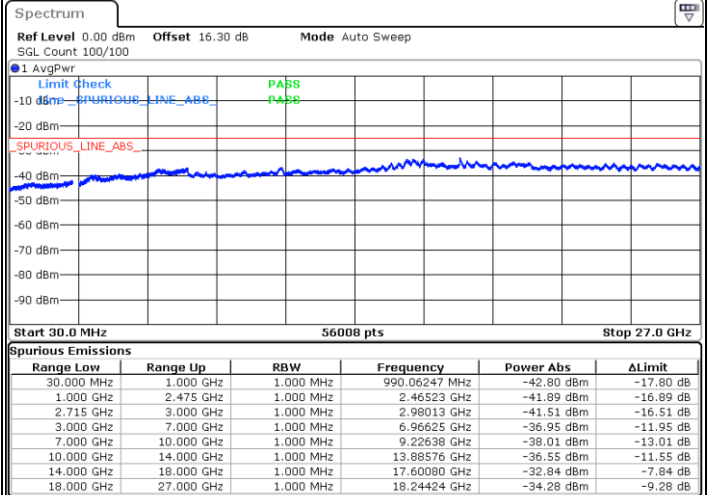
LTE Band 41 / 5MHz

Lowest Channel / QPSK



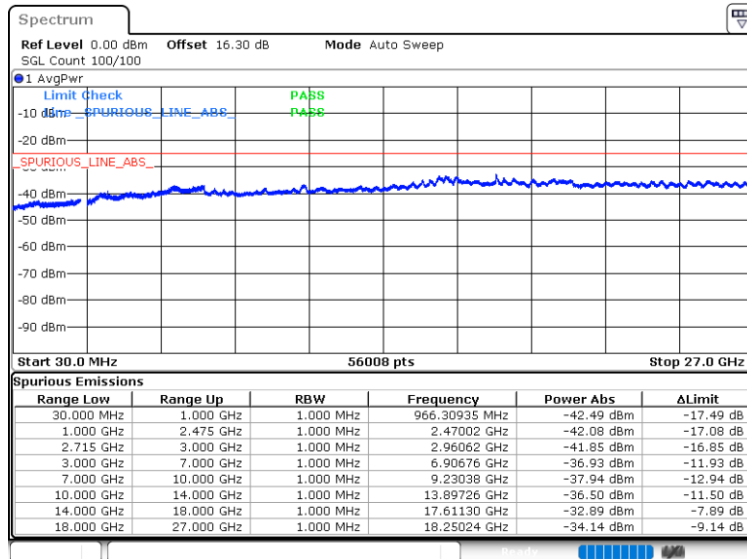
Date: 23.JUN.2021 20:23:44

Middle Channel / QPSK



Date: 23.JUN.2021 20:24:45

Highest Channel / QPSK

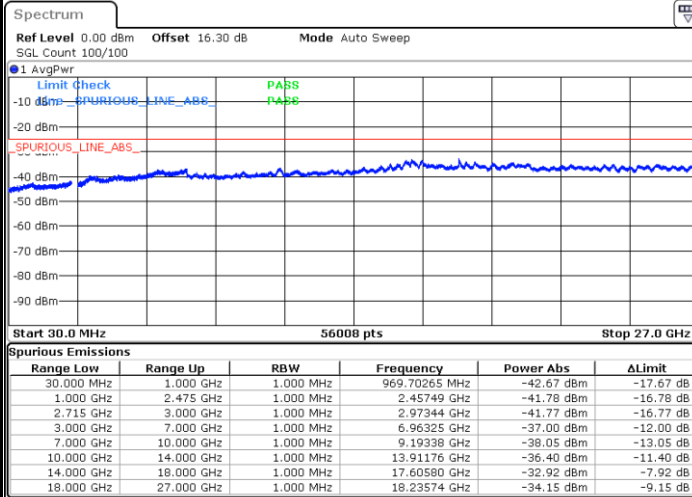


Date: 23.JUN.2021 20:25:46



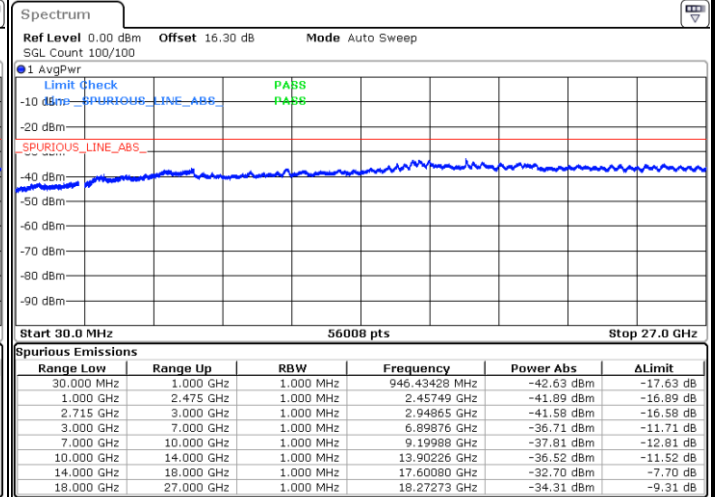
LTE Band 41 / 10MHz

Lowest Channel / QPSK



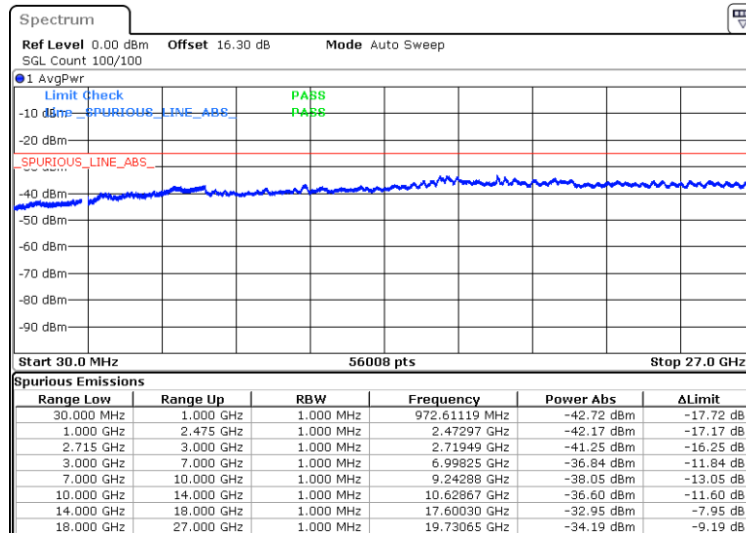
Date: 23.JUN.2021 20:26:51

Middle Channel / QPSK



Date: 23.JUN.2021 20:27:52

Highest Channel / QPSK

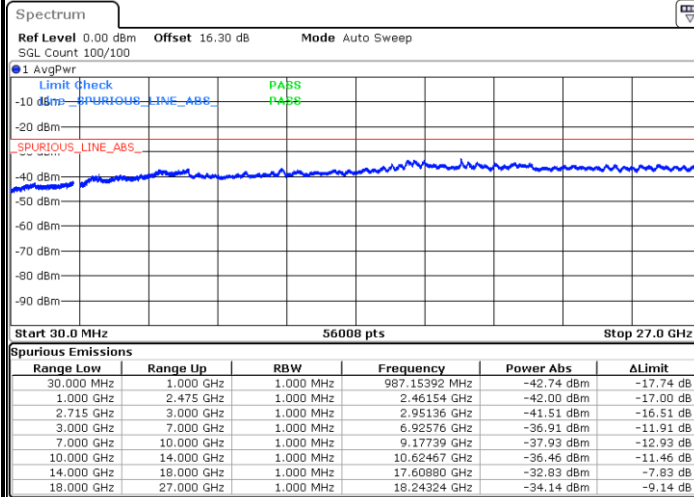


Date: 23.JUN.2021 20:28:54



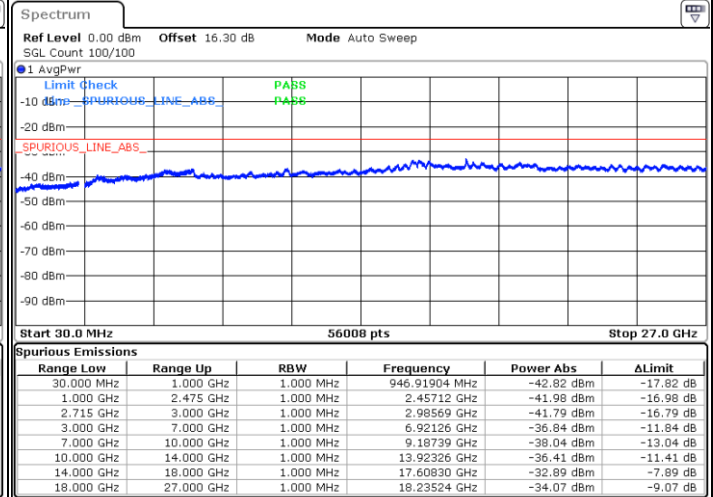
LTE Band 41 / 15MHz

Lowest Channel / QPSK



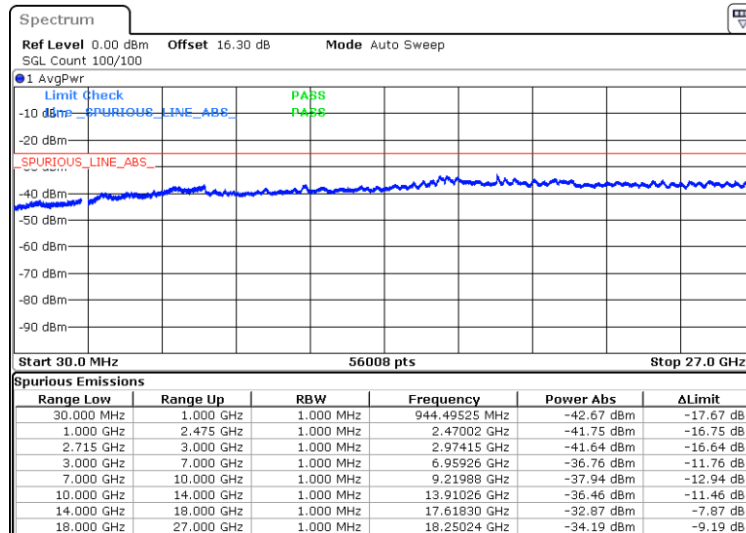
Date: 23.JUN.2021 20:30:06

Middle Channel / QPSK



Date: 23.JUN.2021 20:31:07

Highest Channel / QPSK

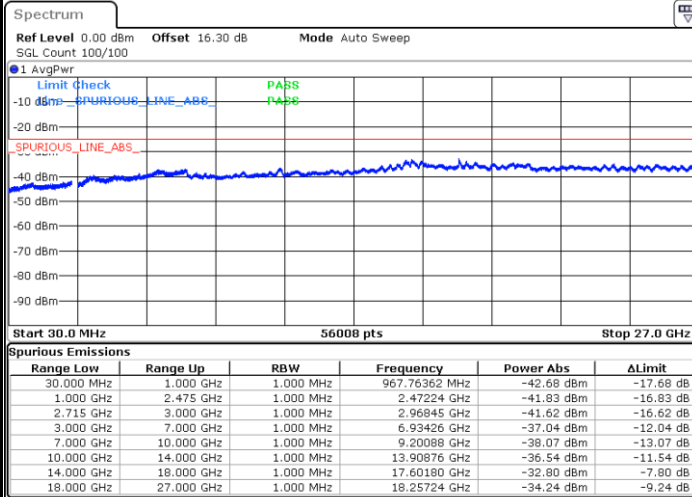


Date: 23.JUN.2021 20:32:08



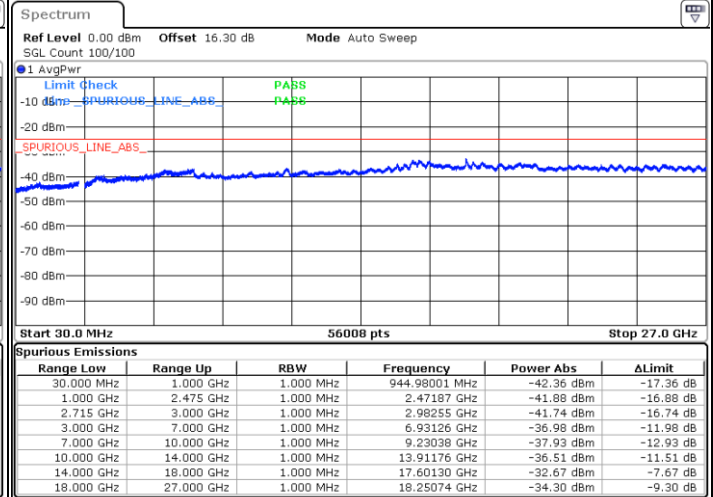
LTE Band 41 / 20MHz

Lowest Channel / QPSK



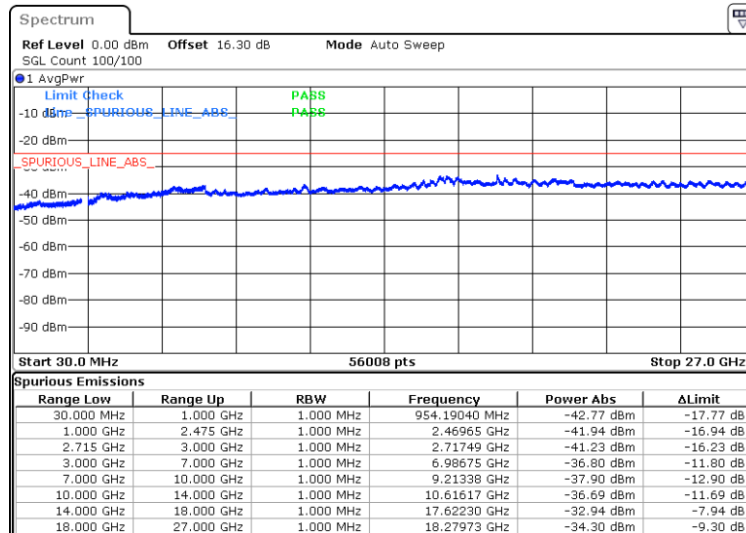
Date: 23.JUN.2021 20:33:27

Middle Channel / QPSK



Date: 23.JUN.2021 20:34:28

Highest Channel / QPSK



Date: 23.JUN.2021 20:35:29

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	0.0011	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0046	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0053	
-10	Normal Voltage	0.0061	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.6 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	24.73	25.08	29.73	25.38	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.83	24.93	30.21	34.90	39.72

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.03	29.73	25.28	30.81
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.76	24.88	29.91	34.83	39.96

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.73	25.28	29.73	25.28	30.81
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.93	30.03	35.04	39.80

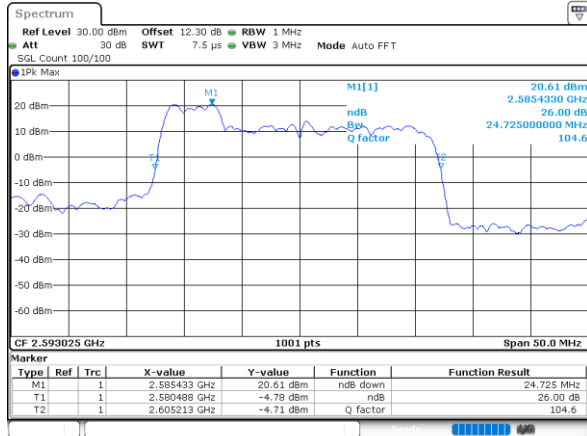
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.13	30.09	25.18	31.35
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.76	24.88	30.15	35.04	39.88



LTE Band 41C

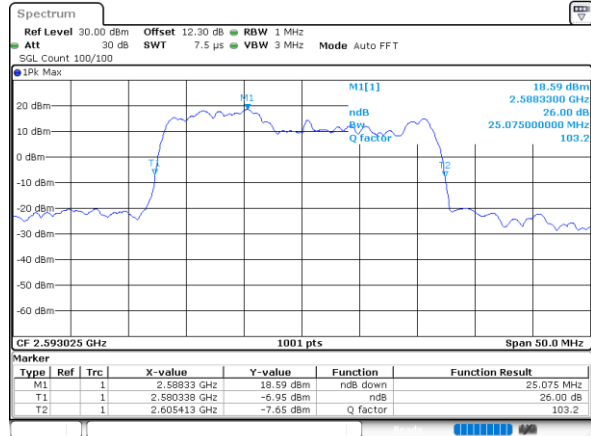
QPSK

Middle Channel / 5MHz+20MHz



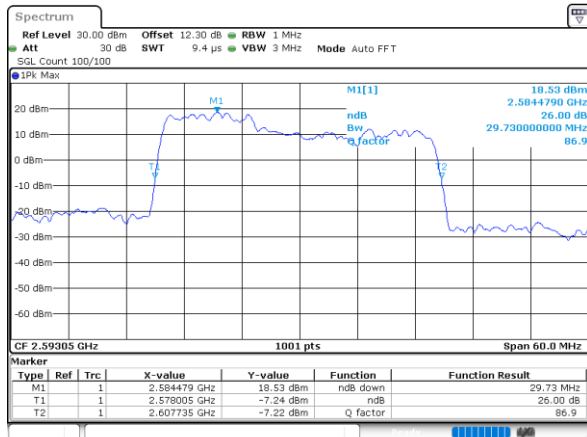
Date: 28 JUN 2021 09:44:40

Middle Channel / 10MHz+15MHz



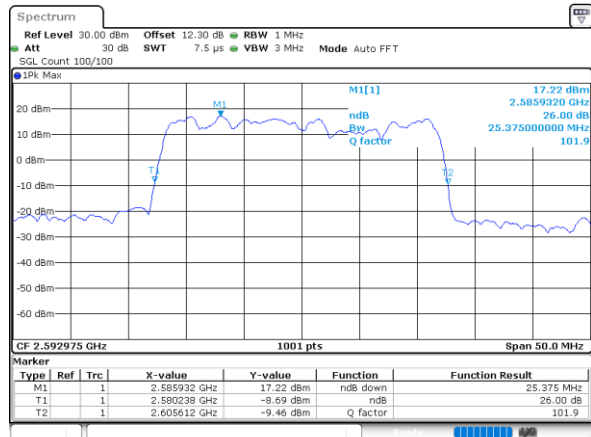
Date: 28 JUN 2021 16:33:46

Middle Channel / 10MHz+20MHz



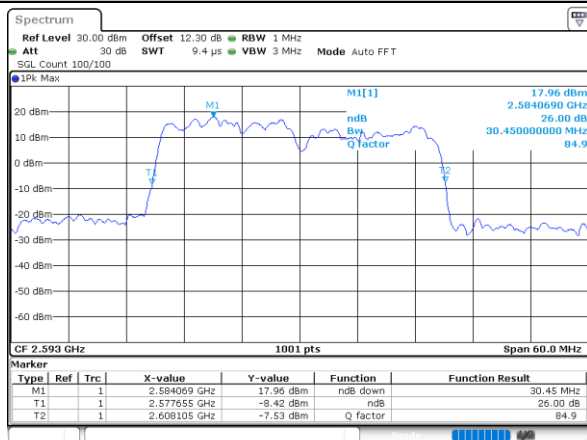
Date: 28 JUN 2021 17:28:06

Middle Channel / 15MHz+10MHz



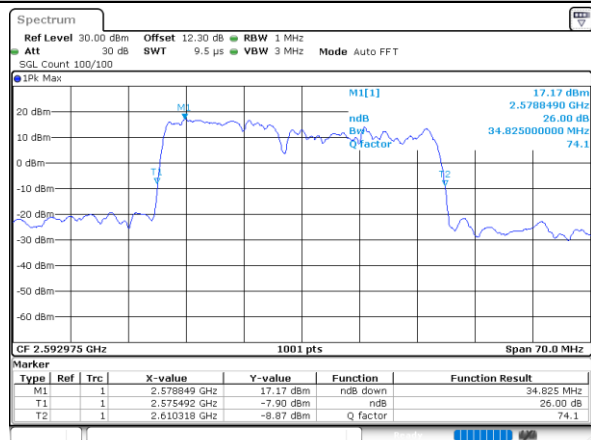
Date: 28 JUN 2021 17:00:54

Middle Channel / 15MHz+15MHz



Date: 28 JUN 2021 09:04:44

Middle Channel / 15MHz+20MHz

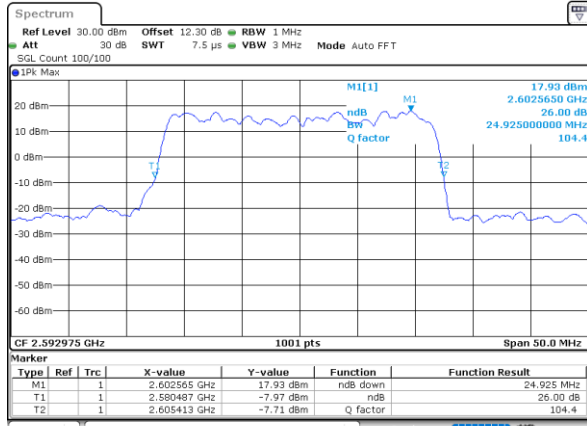


Date: 28 JUN 2021 19:31:09

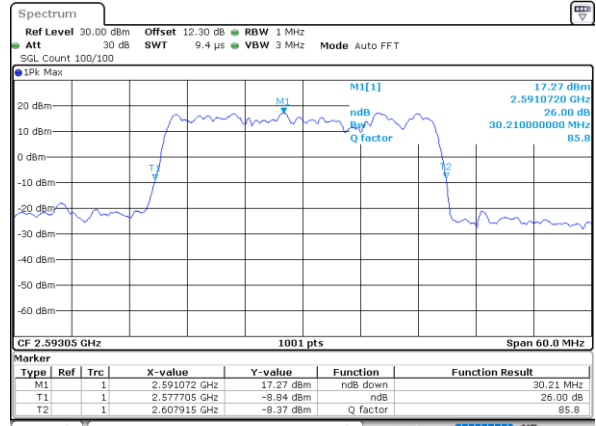


LTE Band 41C

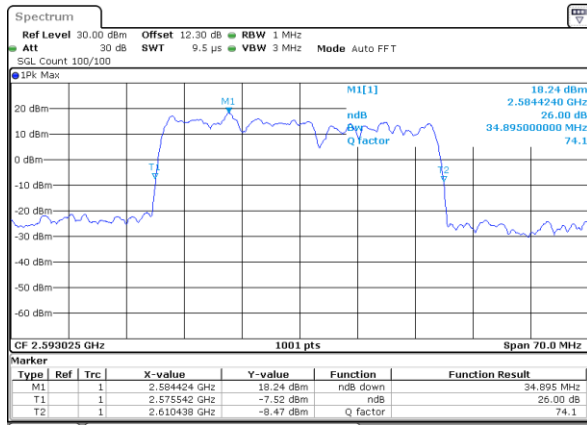
Middle Channel / 20MHz+5MHz



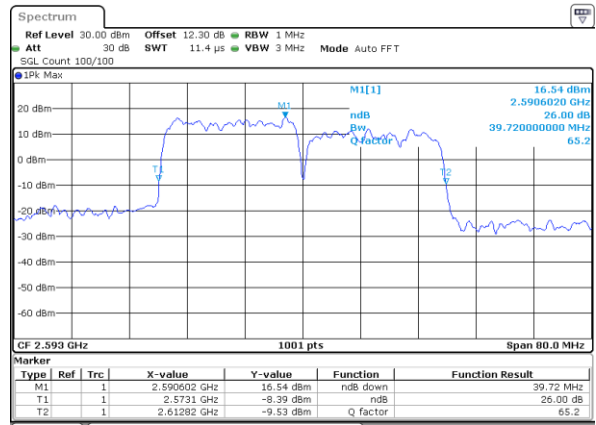
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



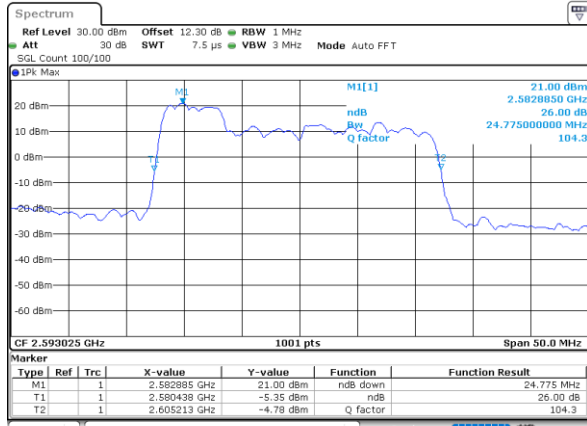
Middle Channel / 20MHz+20MHz





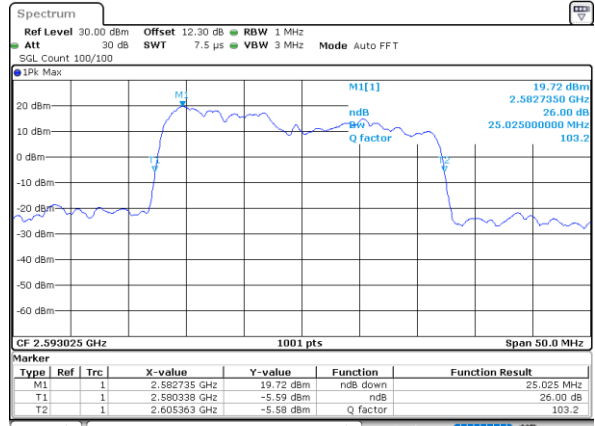
LTE Band 41C

Middle Channel / 5MHz+20MHz



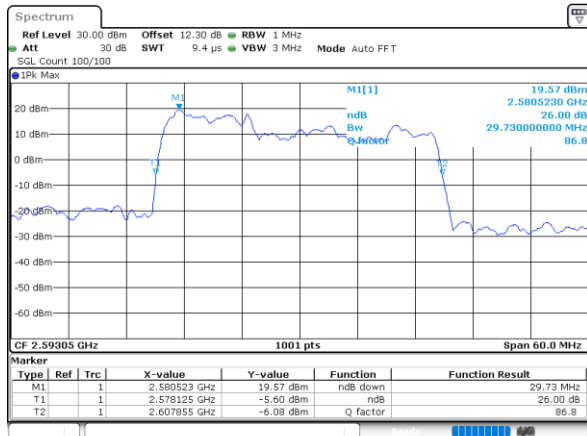
Date: 28 JUN 2021 09:44:12

Middle Channel / 10MHz+15MHz



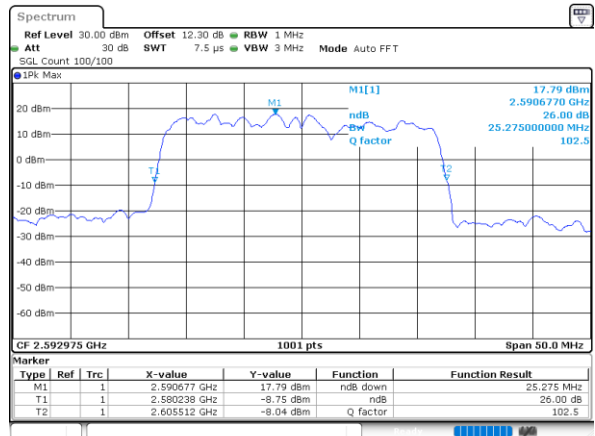
Date: 28 JUN 2021 16:33:18

Middle Channel / 10MHz+20MHz



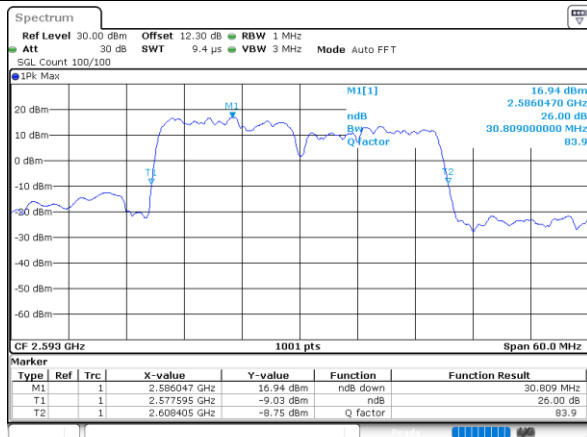
Date: 28 JUN 2021 17:27:38

Middle Channel / 15MHz+10MHz



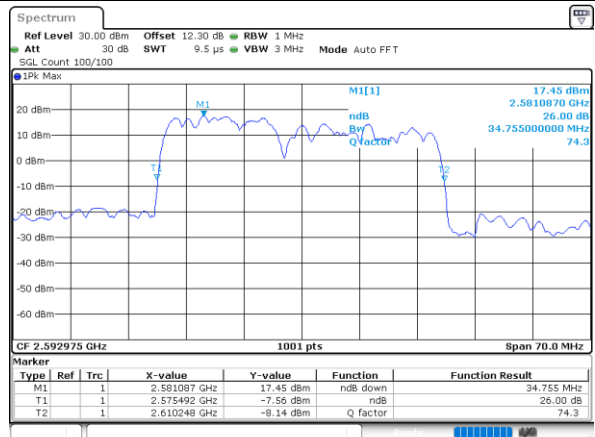
Date: 28 JUN 2021 17:00:26

Middle Channel / 15MHz+15MHz



Date: 28 JUN 2021 09:04:17

Middle Channel / 15MHz+20MHz



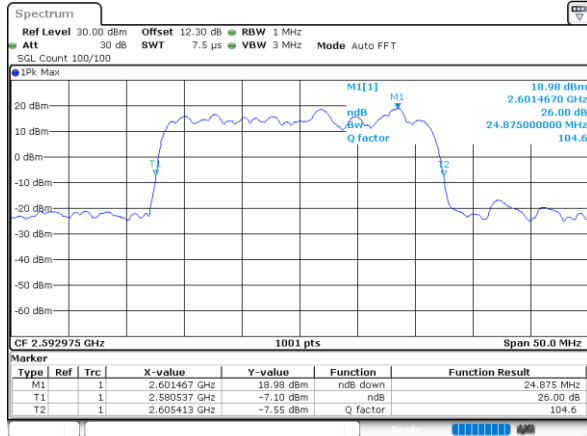
Date: 28 JUN 2021 19:30:40



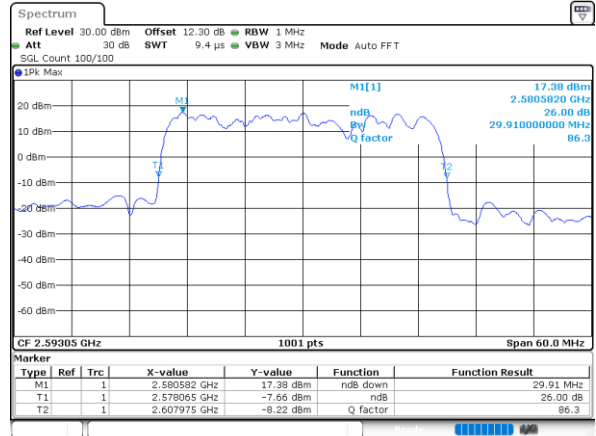
LTE Band 41C

16QAM

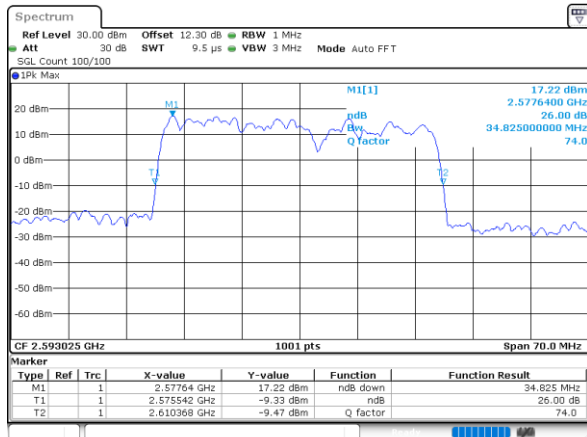
Middle Channel / 20MHz+5MHz



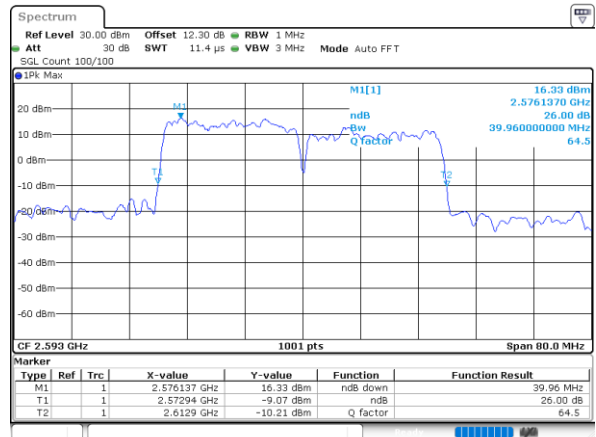
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

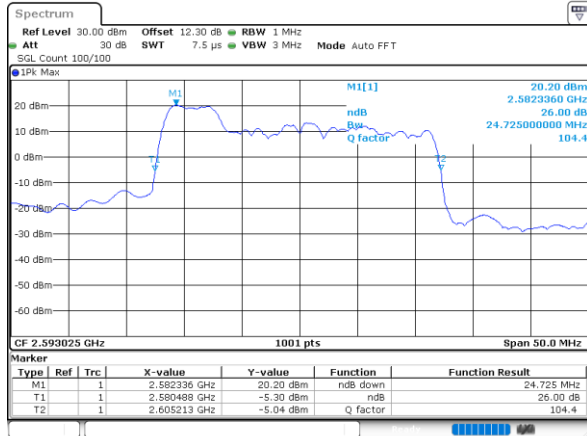




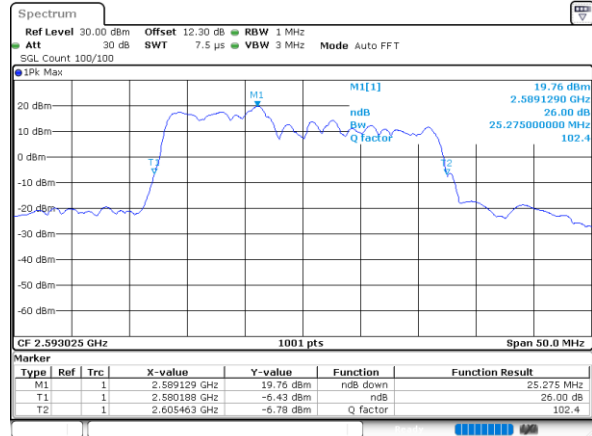
LTE Band 41C

64QAM

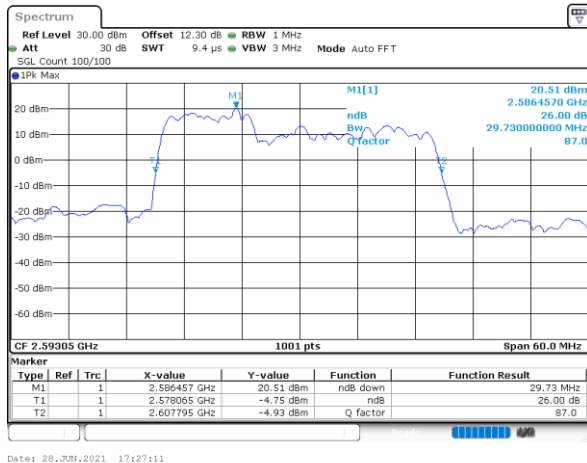
Middle Channel / 5MHz+20MHz



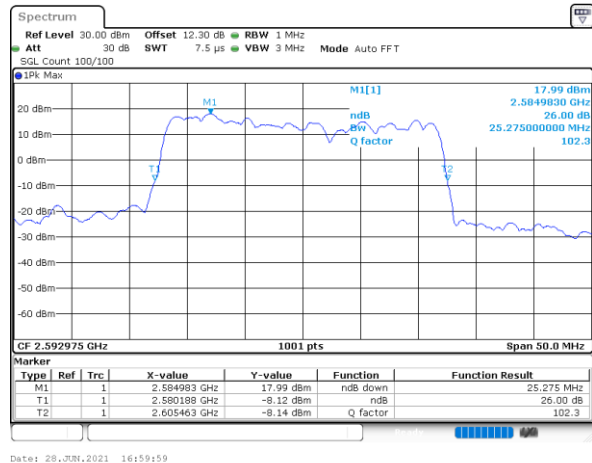
Middle Channel / 10MHz+15MHz



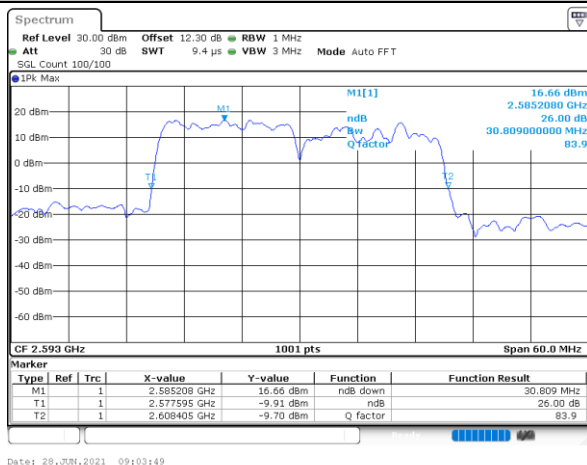
Middle Channel / 10MHz+20MHz



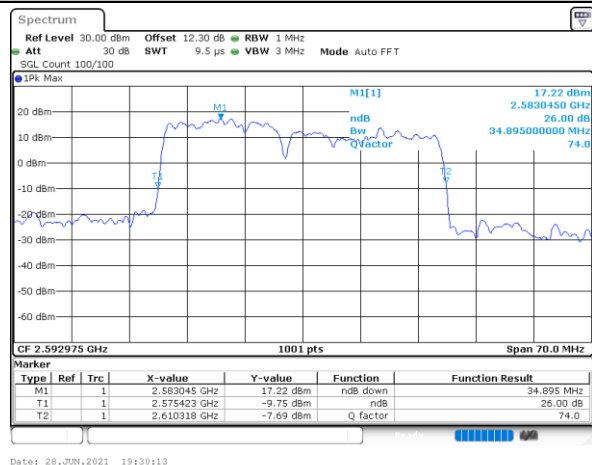
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

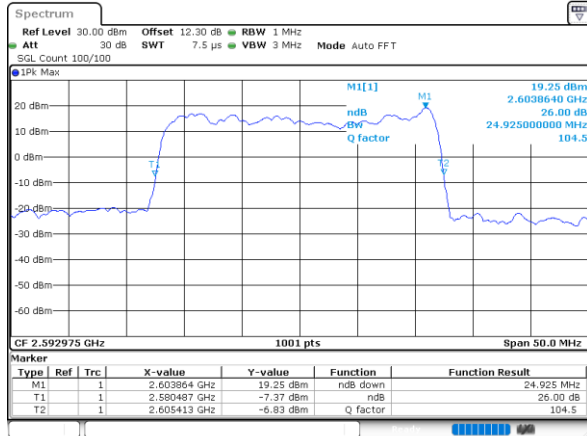




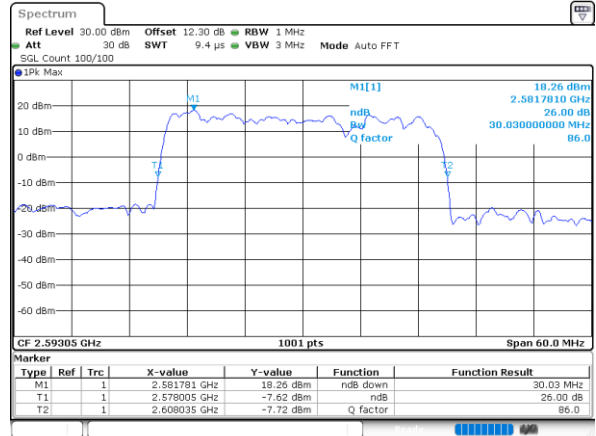
LTE Band 41C

64QAM

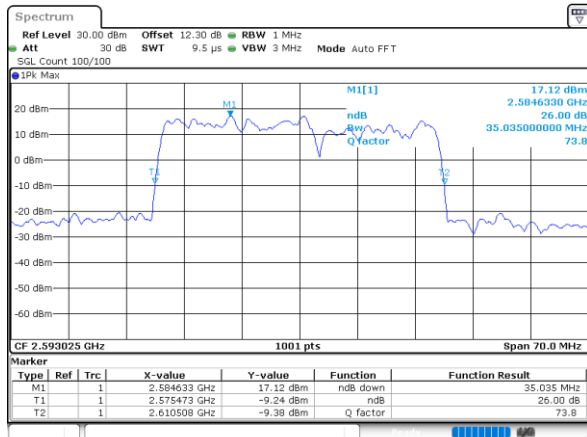
Middle Channel / 20MHz+5MHz



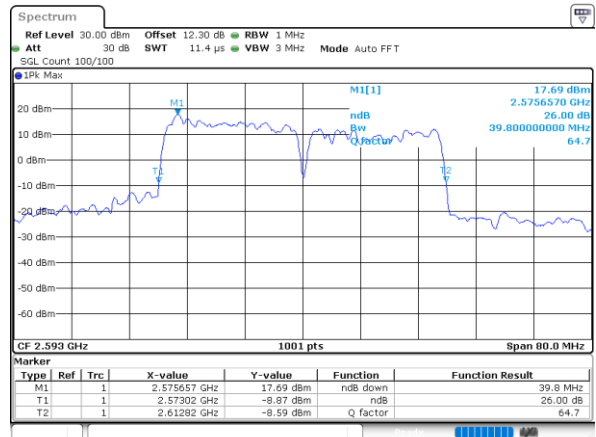
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

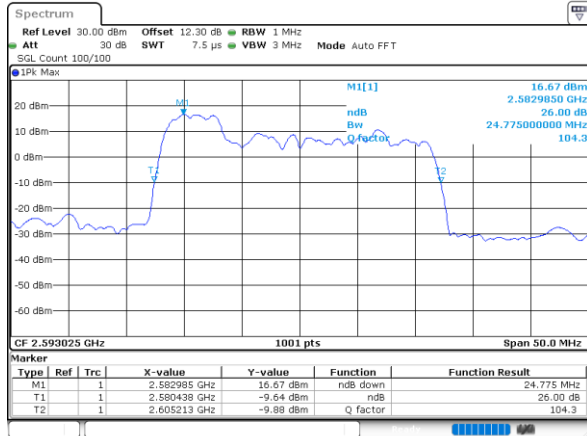




LTE Band 41C

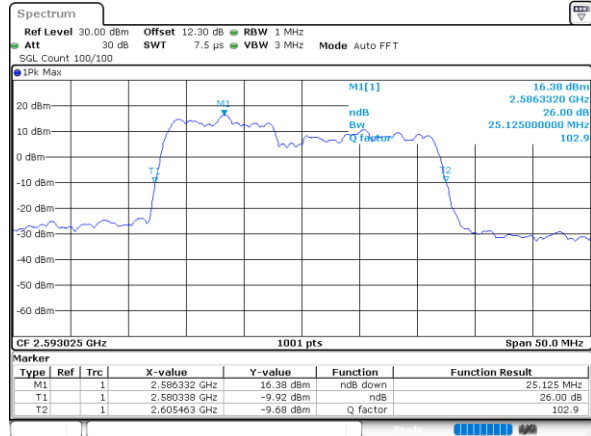
256QAM

Middle Channel / 5MHz+20MHz



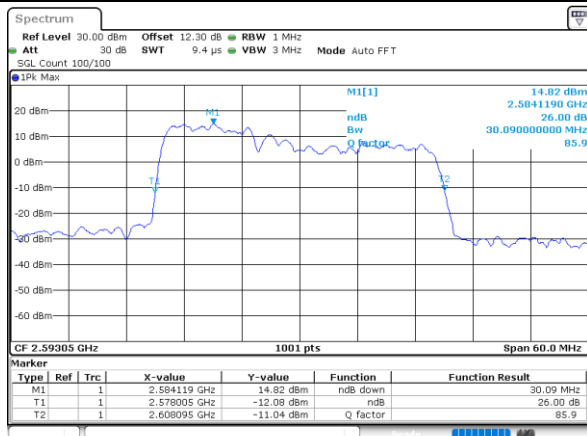
Date: 28 JUN 2021 09:45:36

Middle Channel / 10MHz+15MHz



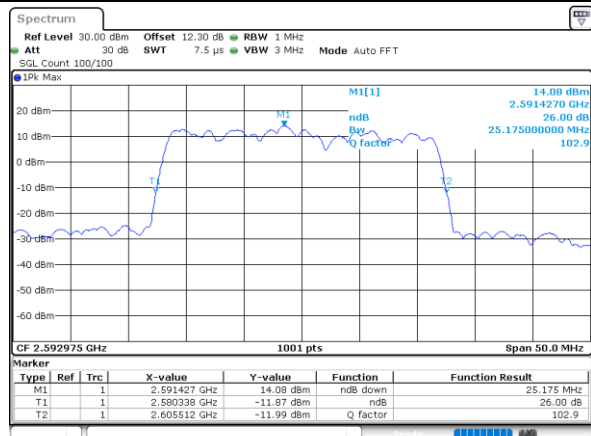
Date: 28 JUN 2021 16:34:42

Middle Channel / 10MHz+20MHz



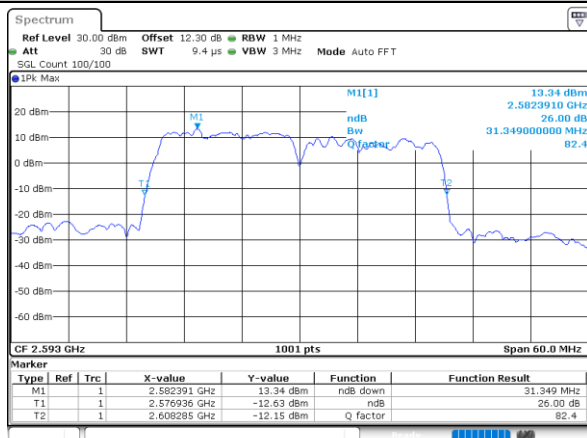
Date: 28 JUN 2021 17:29:02

Middle Channel / 15MHz+10MHz



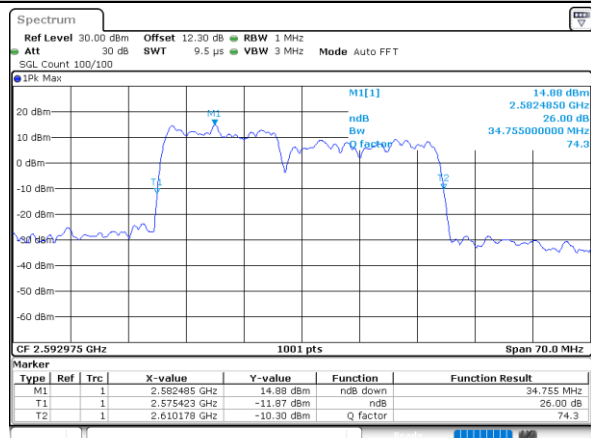
Date: 28 JUN 2021 17:01:50

Middle Channel / 15MHz+15MHz



Date: 28 JUN 2021 09:05:40

Middle Channel / 15MHz+20MHz



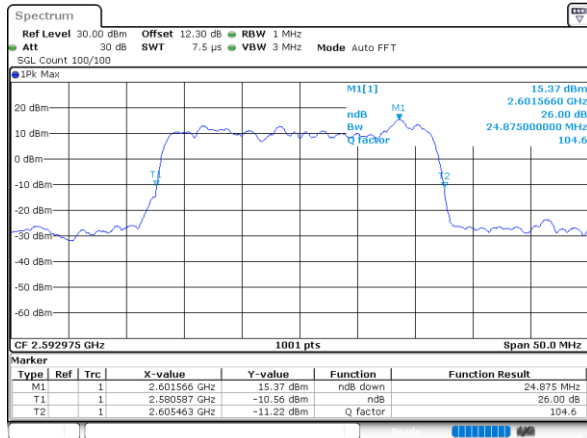
Date: 28 JUN 2021 19:32:04



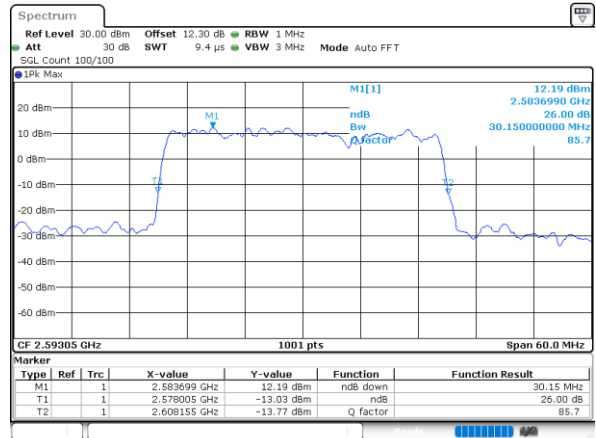
LTE Band 41C

256QAM

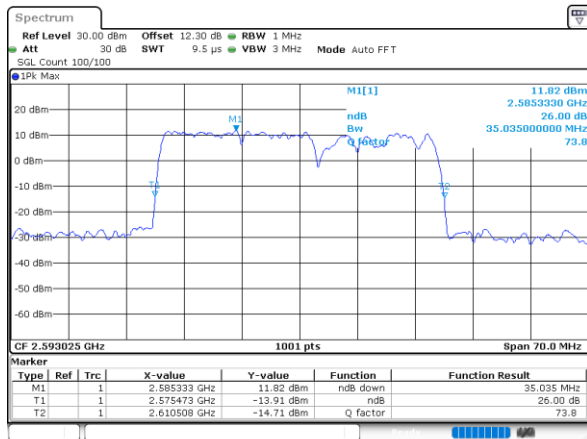
Middle Channel / 20MHz+5MHz



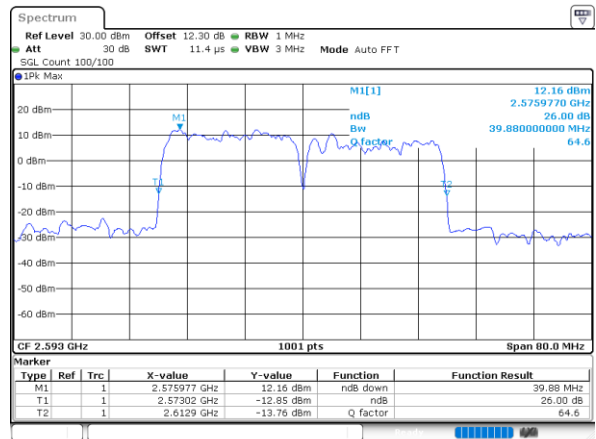
Middle Channel / 20MHz+10MHz



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	23.08	23.53	27.93	23.28	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.36	23.33	27.99	32.80	37.80

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.73	23.53	28.11	23.63	28.41
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.66	23.23	27.99	32.94	37.72

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.33	23.23	28.17	23.43	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.59	23.18	27.99	33.08	37.96

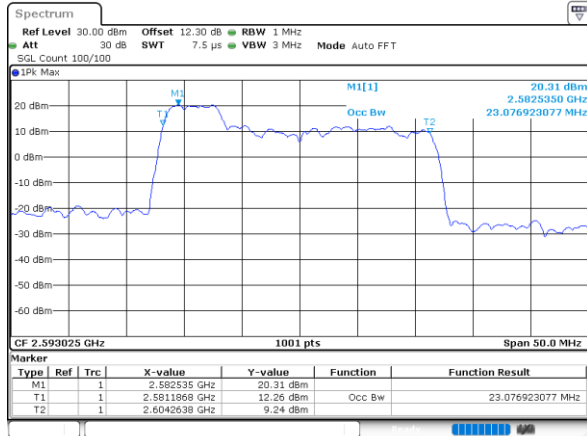
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.33	23.53	27.99	23.53	28.47
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.87	23.53	28.23	32.94	37.72



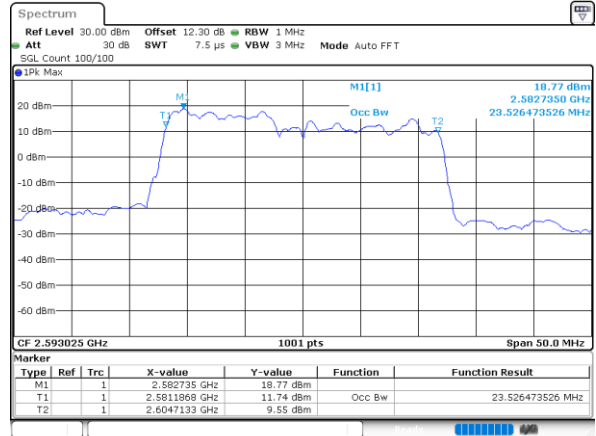
LTE Band 41C

QPSK

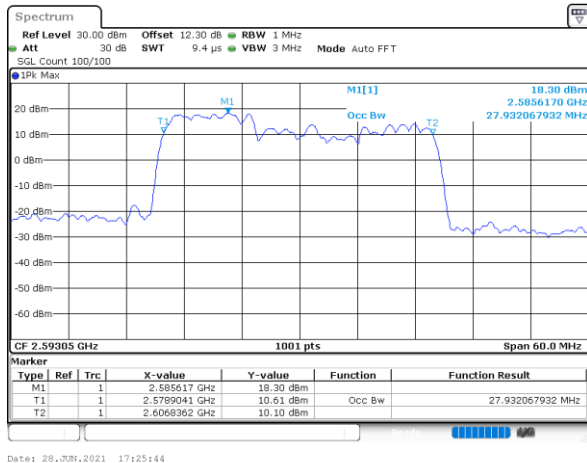
Middle Channel / 5MHz+20MHz



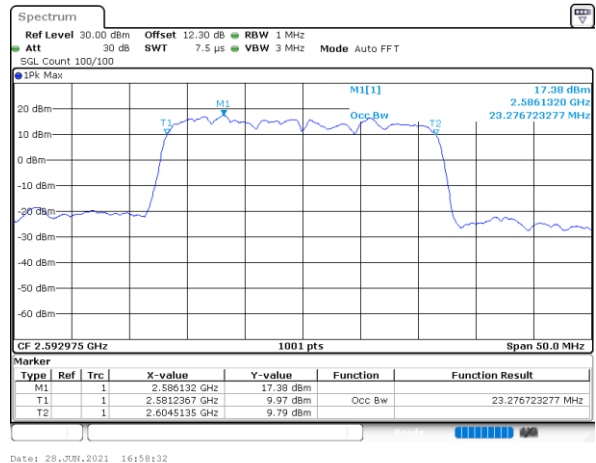
Middle Channel / 10MHz+15MHz



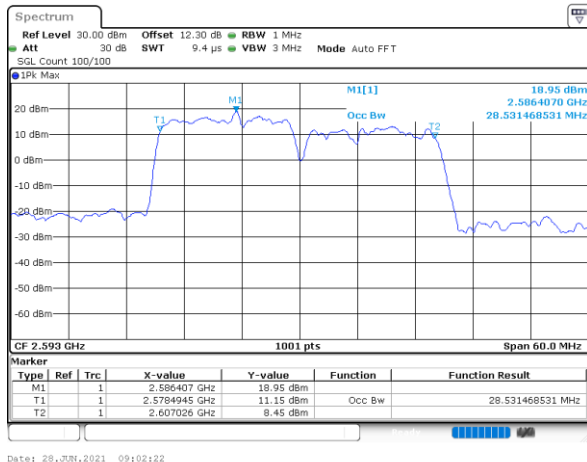
Middle Channel / 10MHz+20MHz



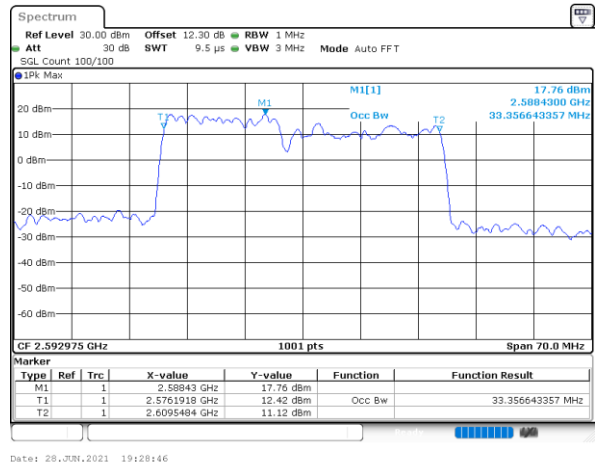
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

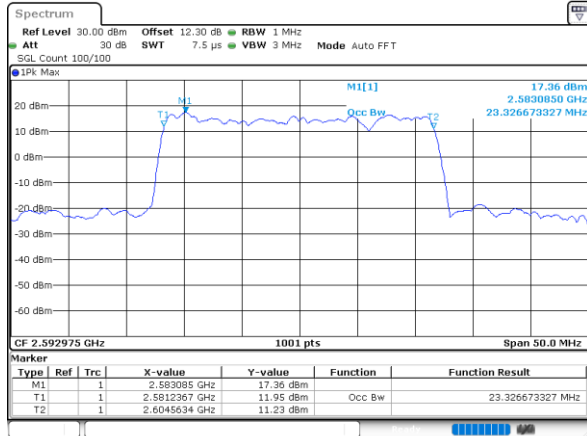




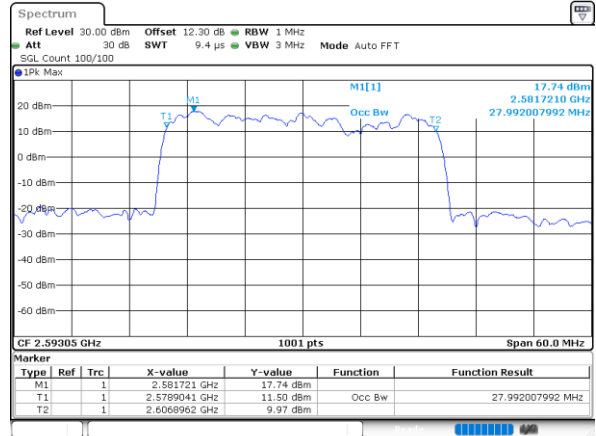
LTE Band 41C

QPSK

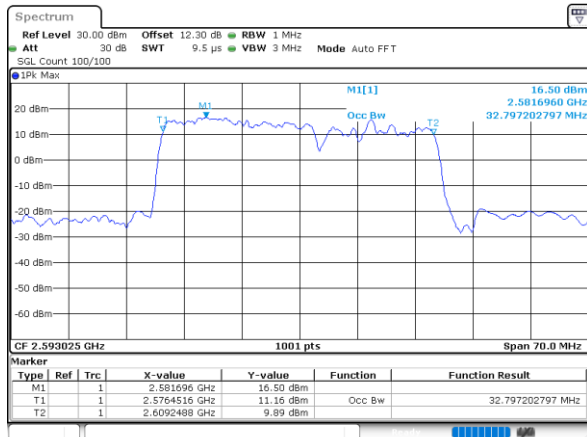
Middle Channel / 20MHz+5MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

