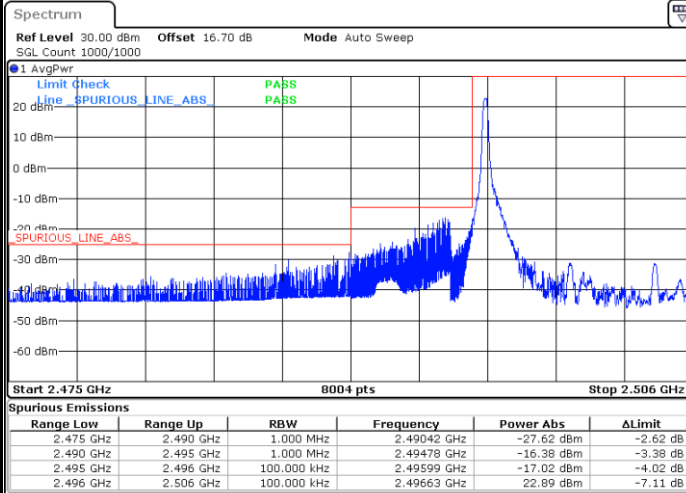




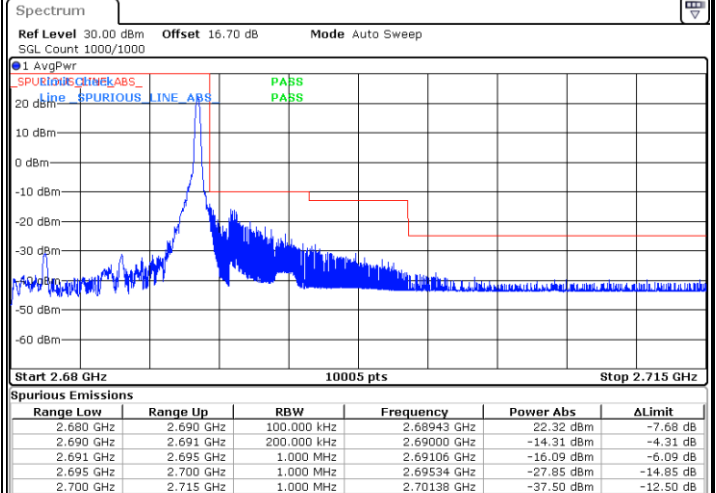
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



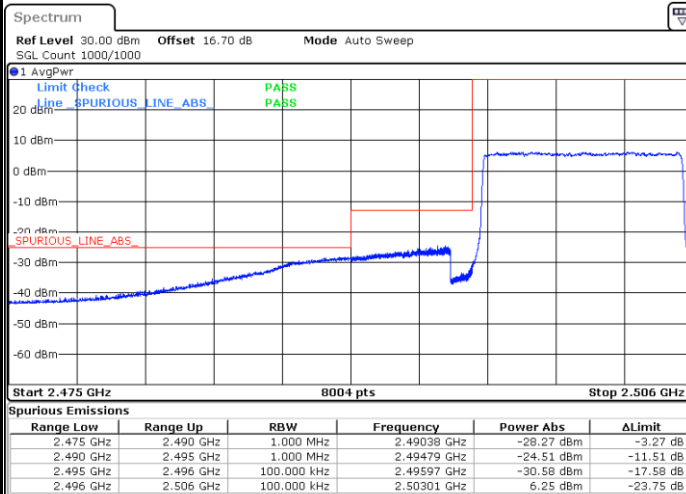
Date: 7 MAY 2021 14:51:06

Highest Band Edge / 1 RB



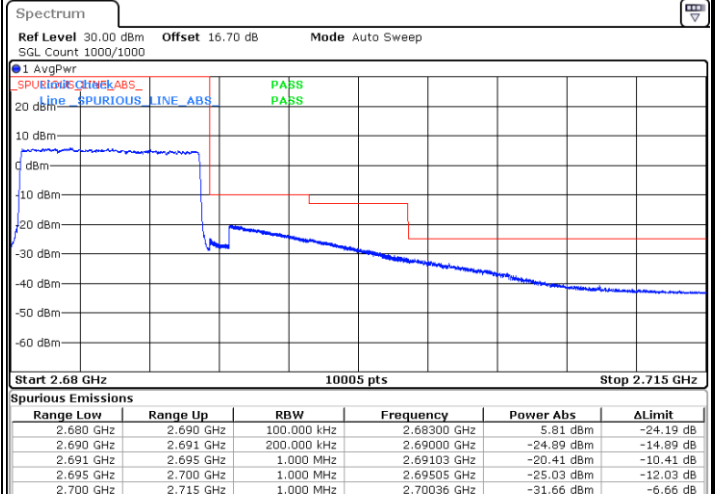
Date: 7 MAY 2021 14:54:29

Lowest Band Edge / Full RB



Date: 7 MAY 2021 14:52:47

Highest Band Edge / Full RB

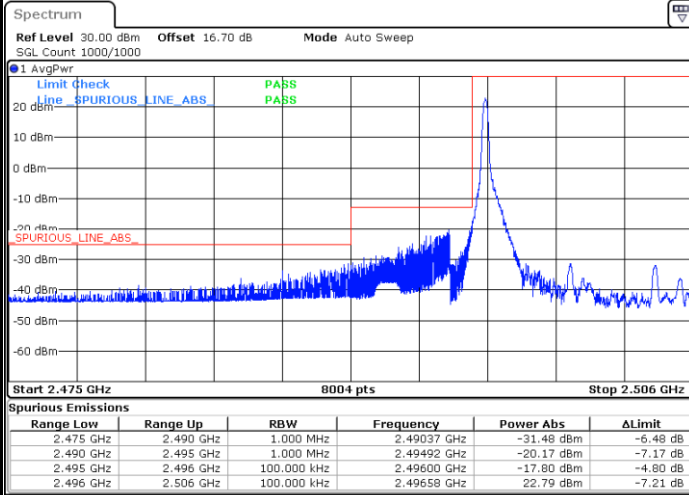


Date: 7 MAY 2021 14:56:10



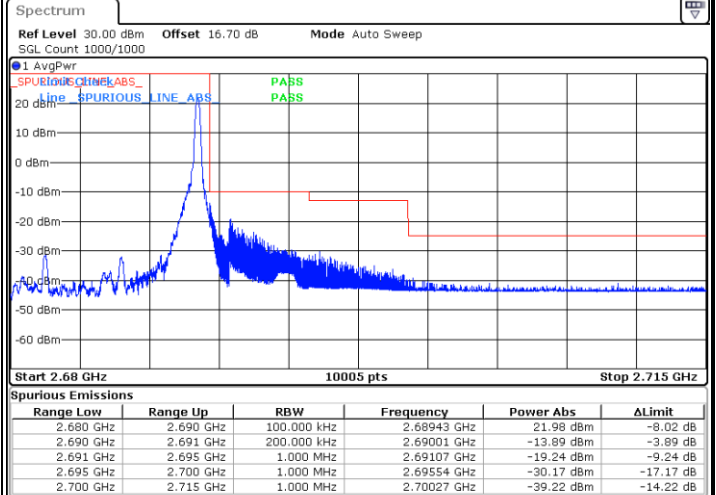
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



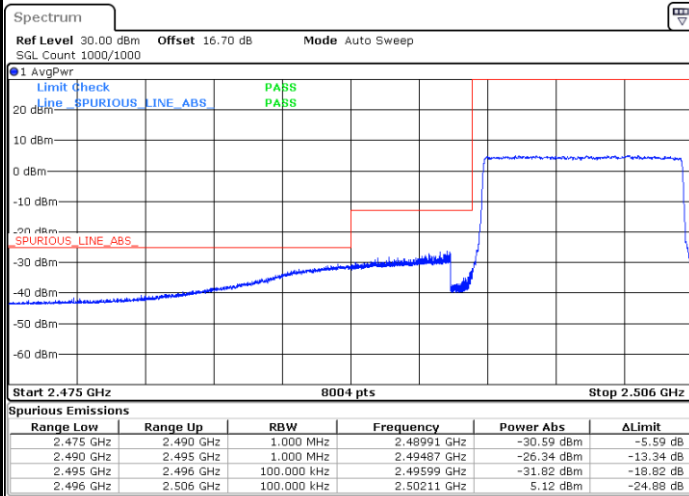
Date: 7 MAY 2021 14:57:01

Highest Band Edge / 1 RB



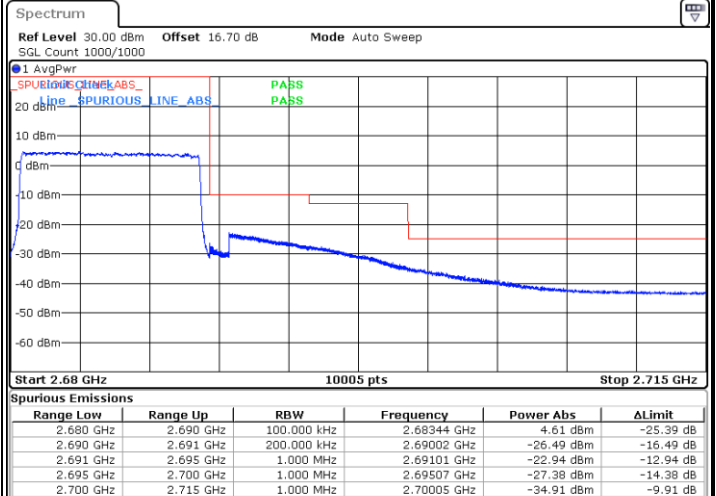
Date: 7 MAY 2021 14:58:43

Lowest Band Edge / Full RB



Date: 7 MAY 2021 14:57:52

Highest Band Edge / Full RB

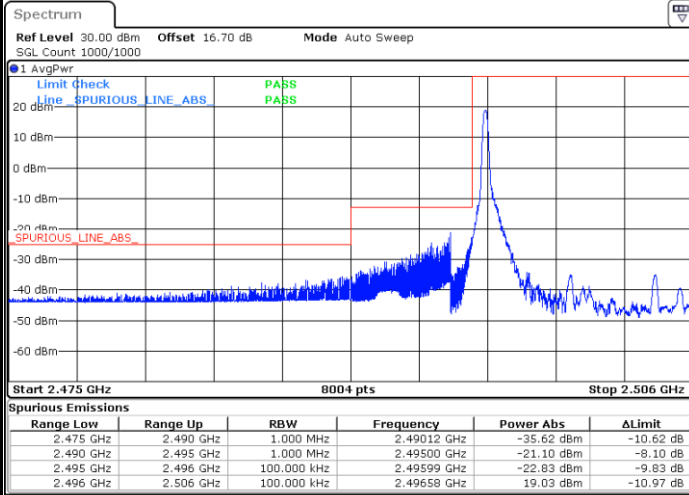


Date: 7 MAY 2021 14:59:34



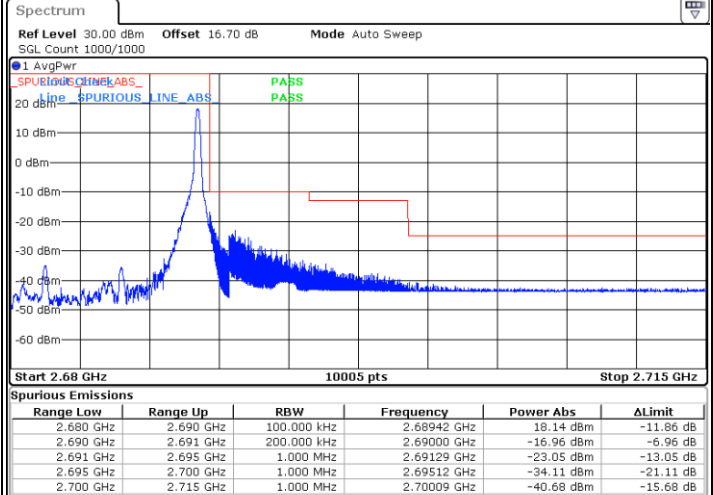
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



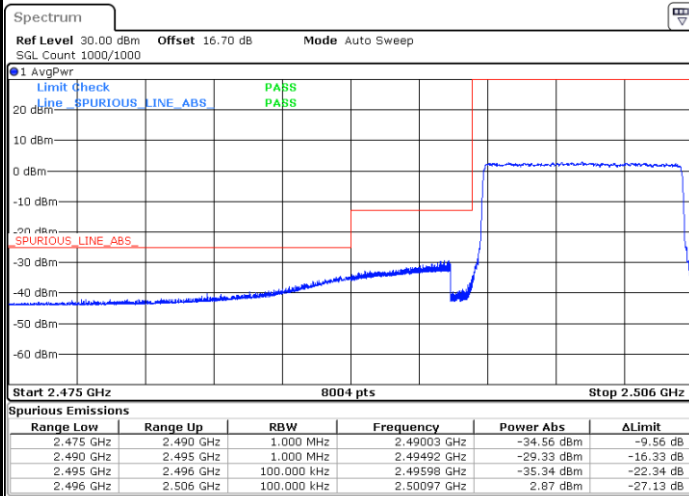
Date: 7 MAY 2021 16:30:25

Highest Band Edge / 1 RB



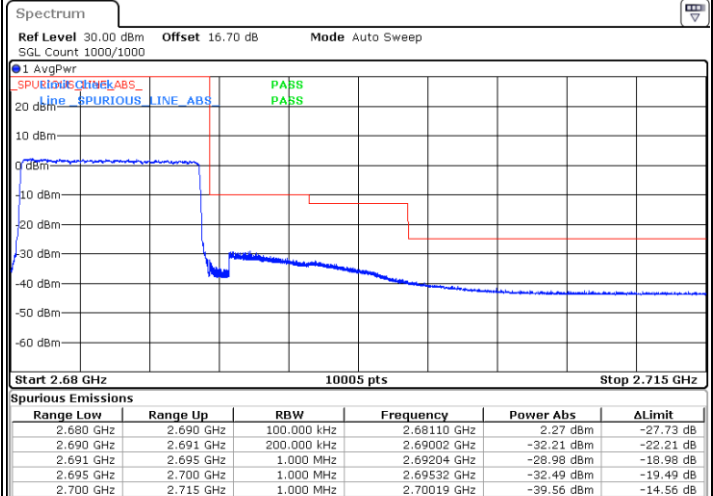
Date: 7 MAY 2021 16:33:18

Lowest Band Edge / Full RB



Date: 7 MAY 2021 16:31:13

Highest Band Edge / Full RB

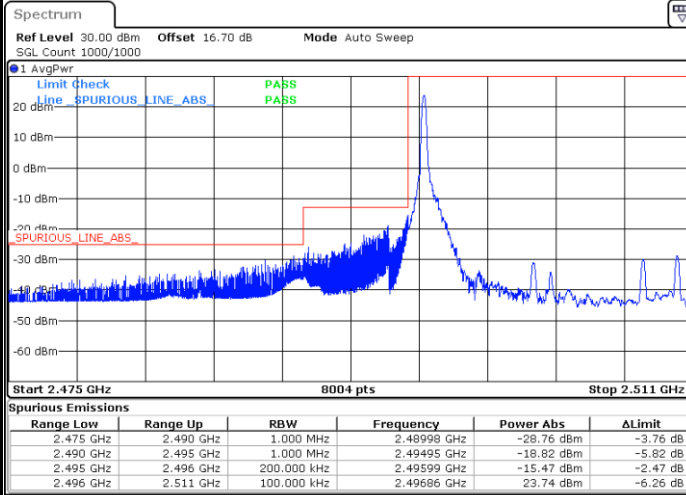


Date: 7 MAY 2021 16:32:24



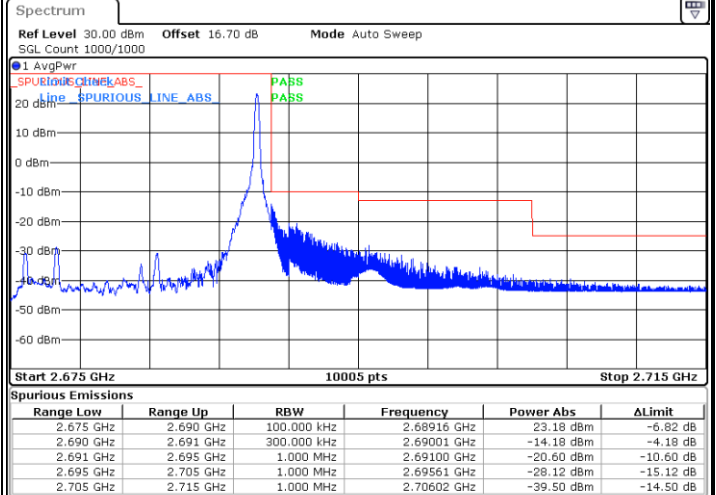
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



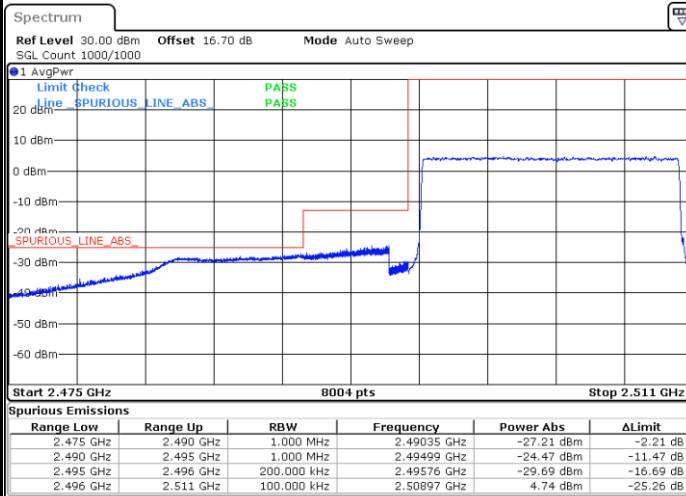
Date: 7 MAY 2021 15:03:49

Highest Band Edge / 1 RB



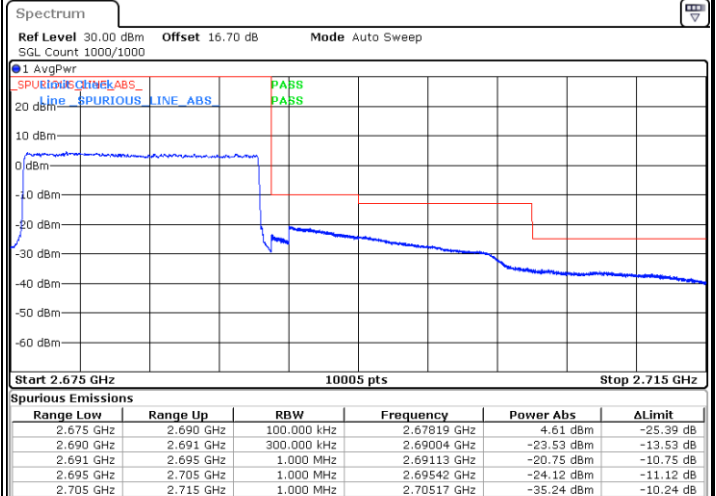
Date: 7 MAY 2021 15:07:13

Lowest Band Edge / Full RB



Date: 7 MAY 2021 15:05:32

Highest Band Edge / Full RB

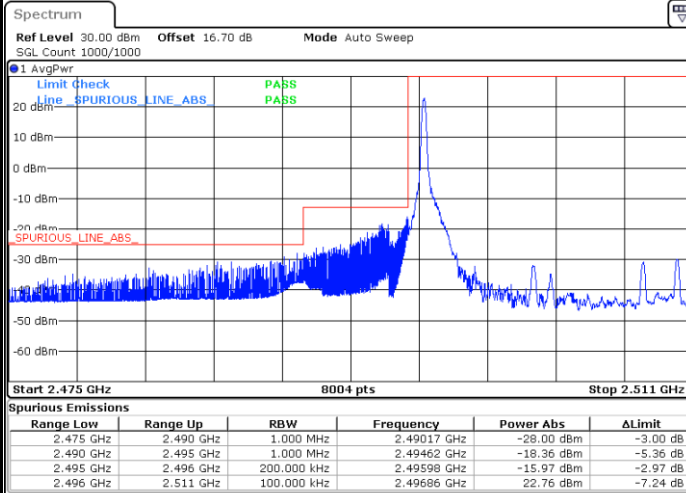


Date: 7 MAY 2021 15:08:54



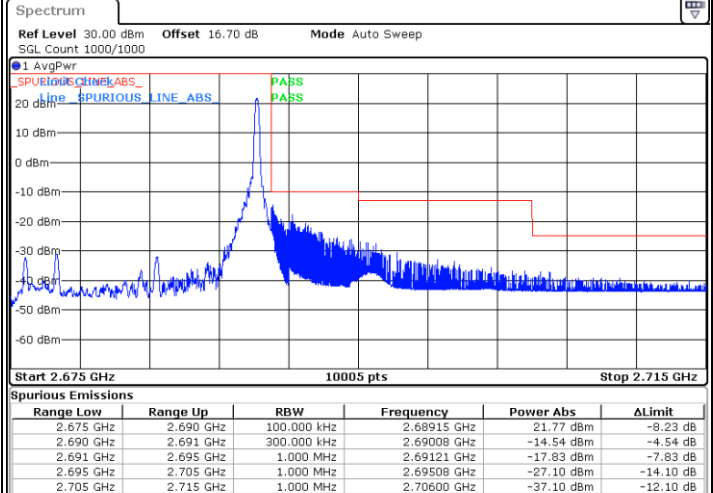
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



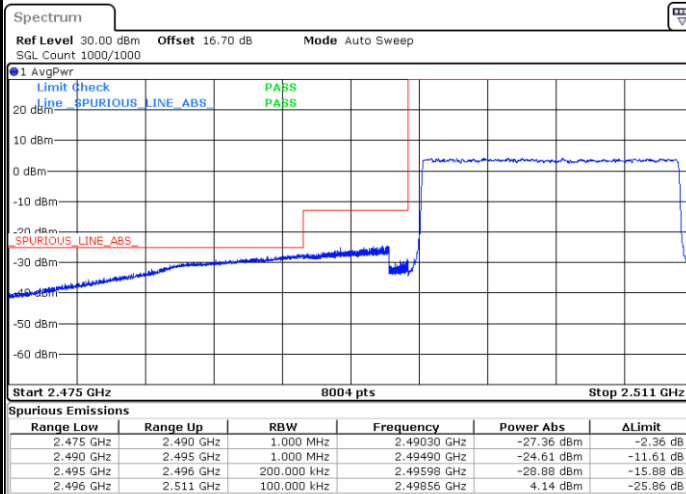
Date: 7 MAY 2021 15:04:40

Highest Band Edge / 1 RB



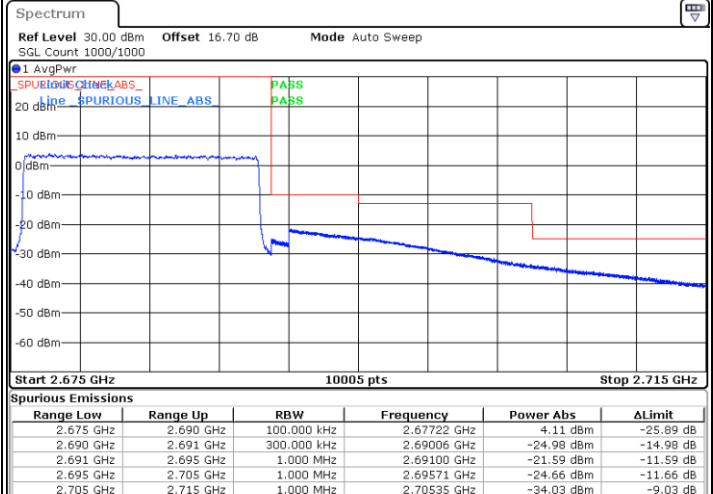
Date: 7 MAY 2021 15:08:03

Lowest Band Edge / Full RB



Date: 7 MAY 2021 15:06:22

Highest Band Edge / Full RB

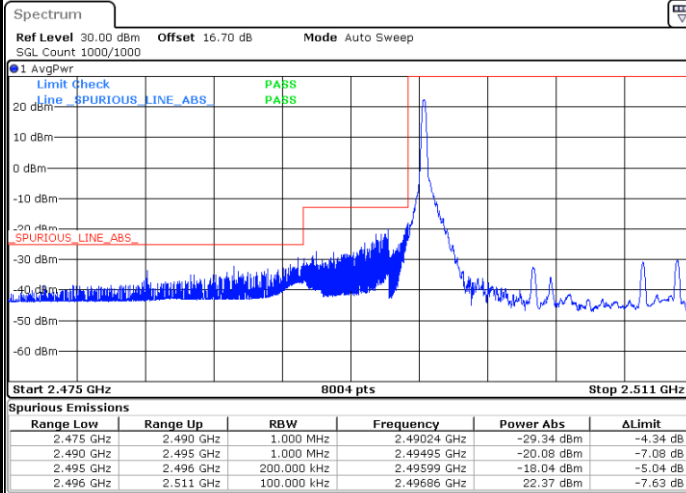


Date: 7 MAY 2021 15:09:45



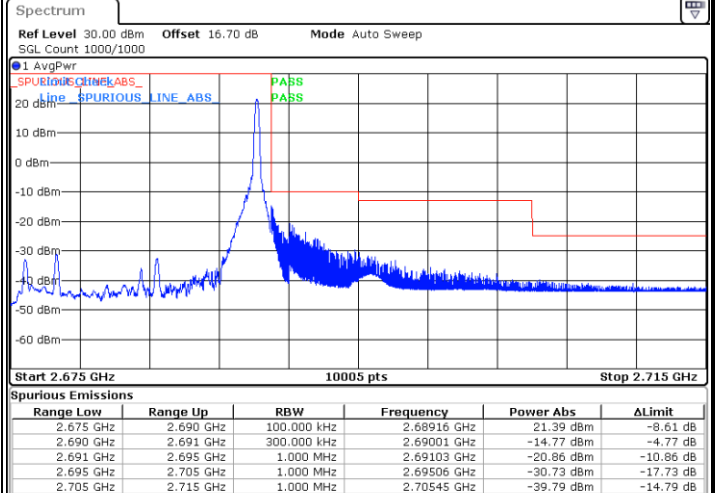
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



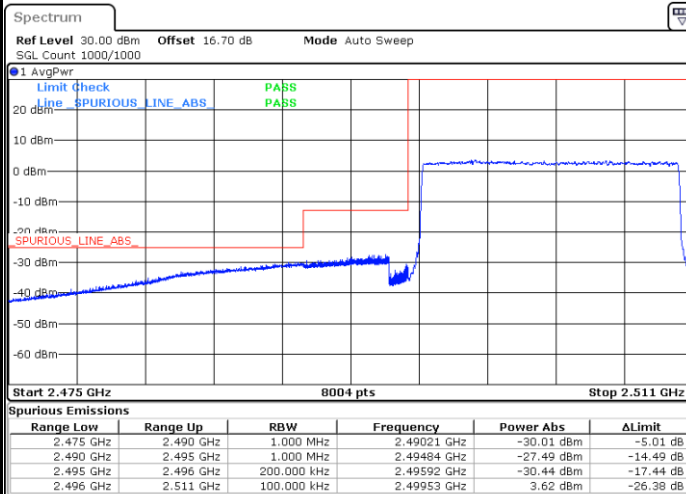
Date: 7 MAY 2021 15:00:25

Highest Band Edge / 1 RB



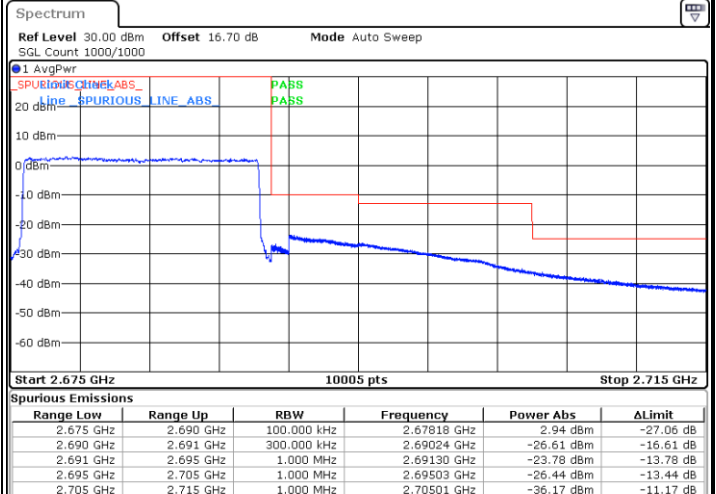
Date: 7 MAY 2021 15:02:07

Lowest Band Edge / Full RB



Date: 7 MAY 2021 15:01:16

Highest Band Edge / Full RB

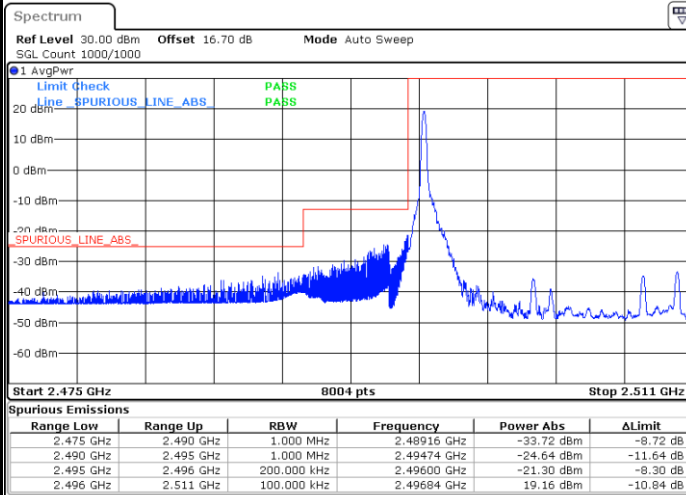


Date: 7 MAY 2021 15:02:58



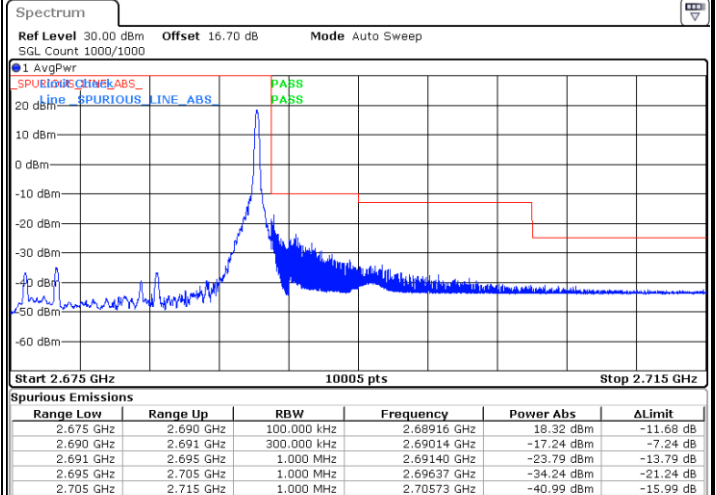
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



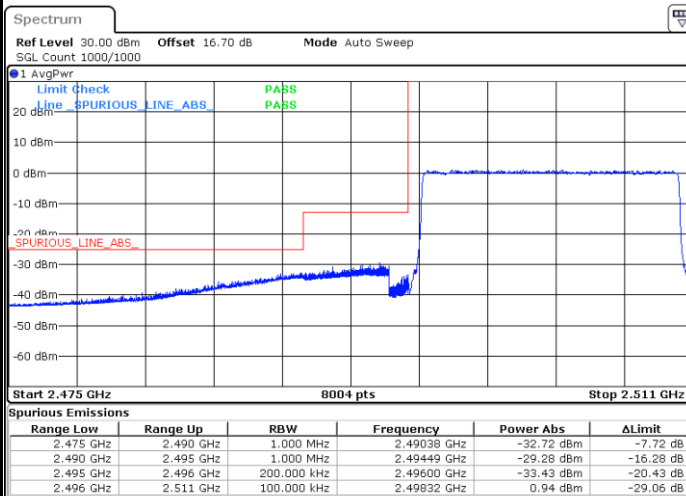
Date: 7 MAY 2021 16:35:12

Highest Band Edge / 1 RB



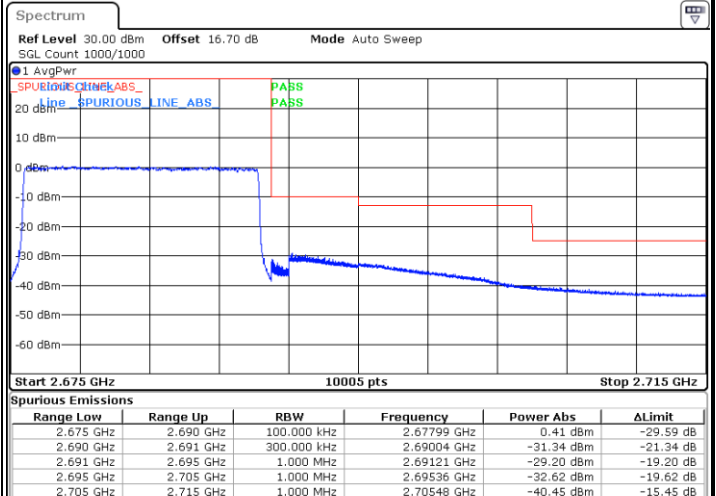
Date: 7 MAY 2021 16:38:17

Lowest Band Edge / Full RB



Date: 7 MAY 2021 16:36:06

Highest Band Edge / Full RB

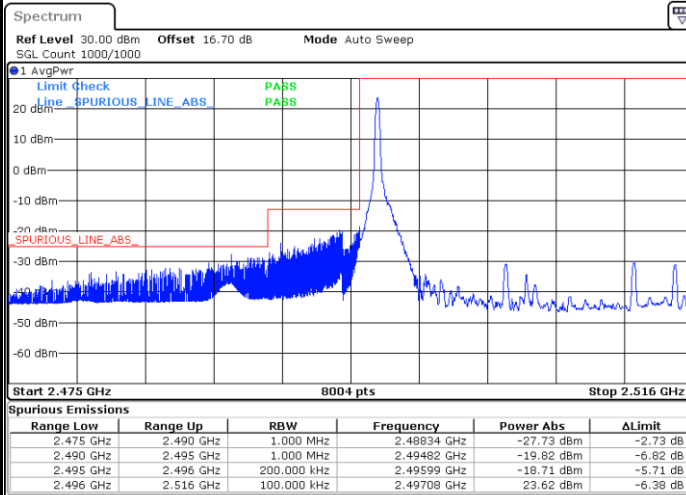


Date: 7 MAY 2021 16:37:17



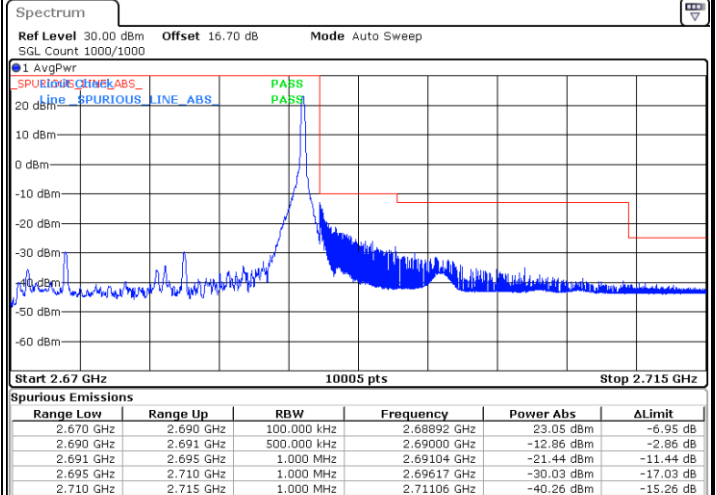
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



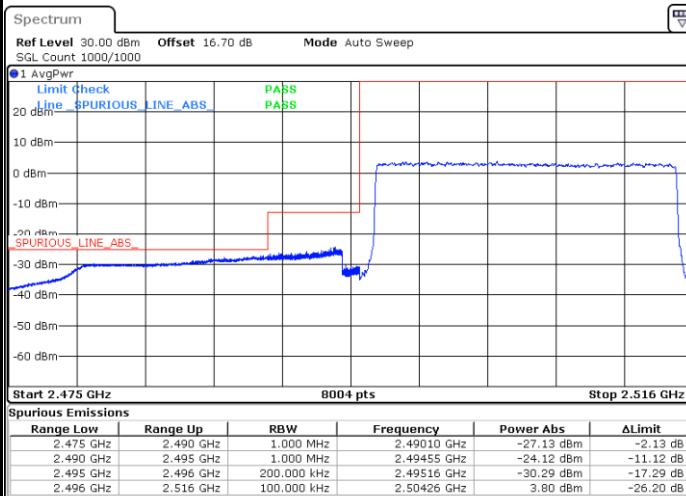
Date: 7 MAY 2021 15:10:37

Highest Band Edge / 1 RB



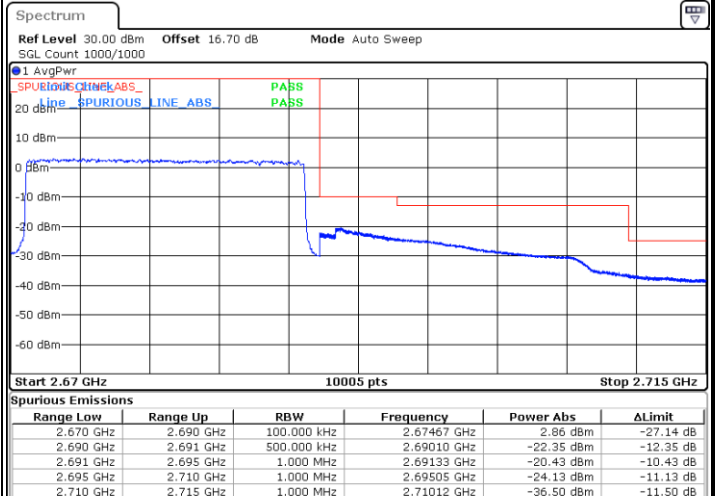
Date: 7 MAY 2021 15:14:00

Lowest Band Edge / Full RB



Date: 7 MAY 2021 15:12:18

Highest Band Edge / Full RB

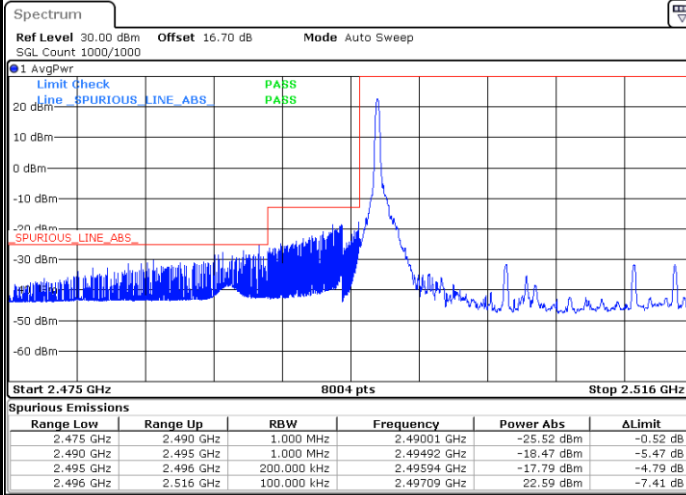


Date: 7 MAY 2021 15:16:32



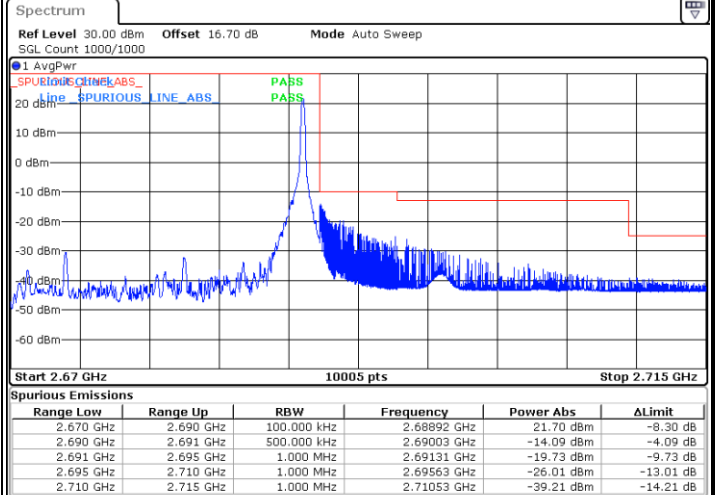
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



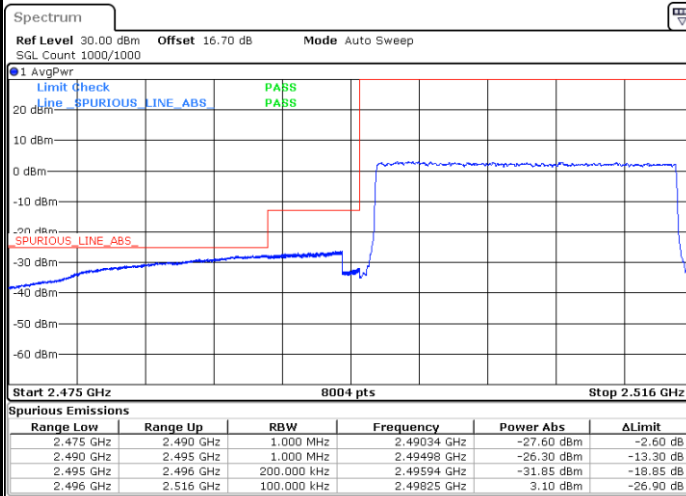
Date: 7 MAY 2021 15:11:27

Highest Band Edge / 1 RB



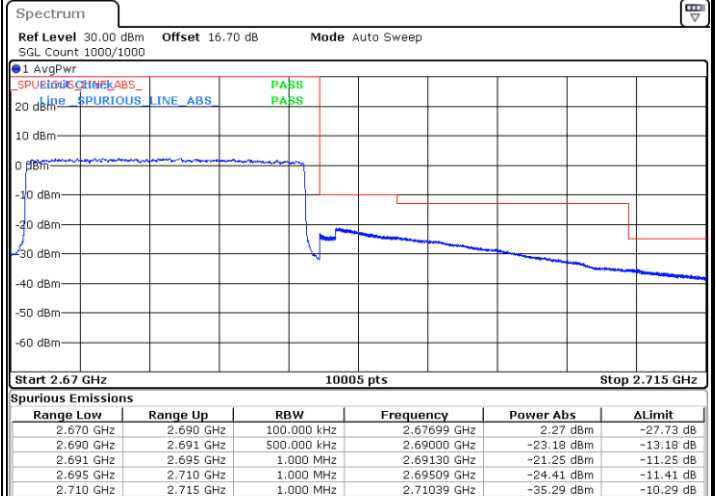
Date: 7 MAY 2021 15:14:51

Lowest Band Edge / Full RB



Date: 7 MAY 2021 15:13:09

Highest Band Edge / Full RB

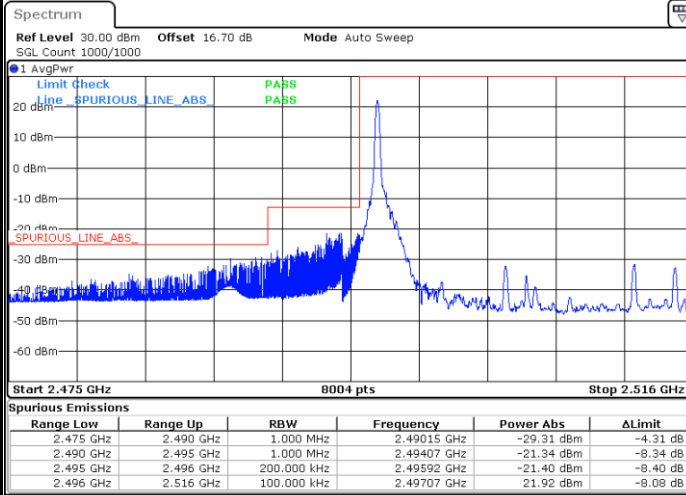


Date: 7 MAY 2021 15:15:42



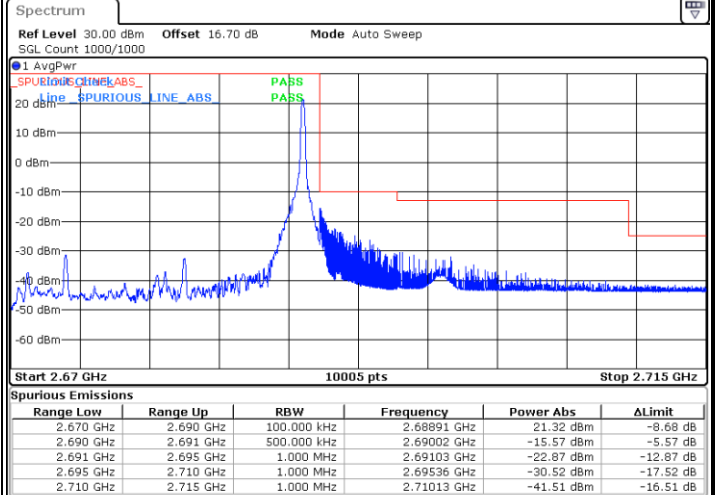
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



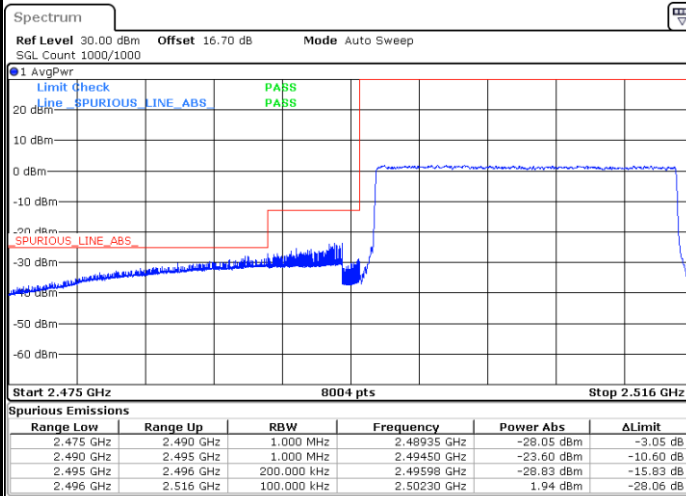
Date: 7 MAY 2021 15:17:23

Highest Band Edge / 1 RB



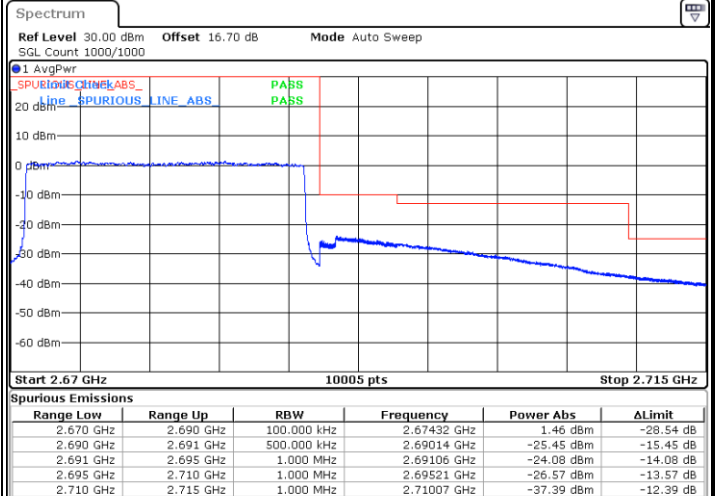
Date: 7 MAY 2021 15:19:05

Lowest Band Edge / Full RB



Date: 7 MAY 2021 15:18:14

Highest Band Edge / Full RB

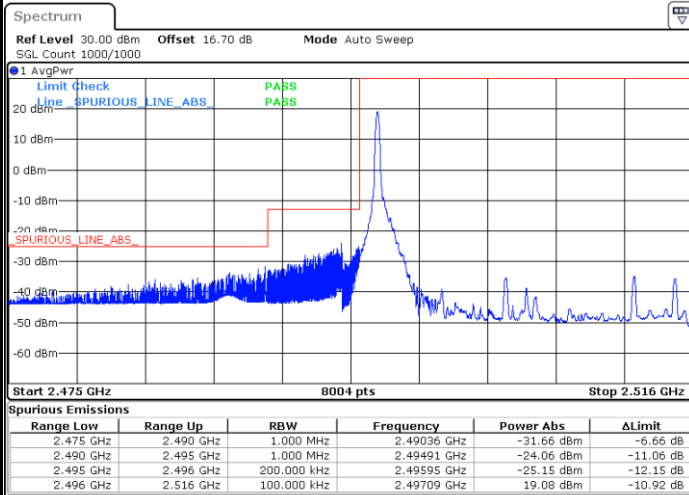


Date: 7 MAY 2021 15:19:56



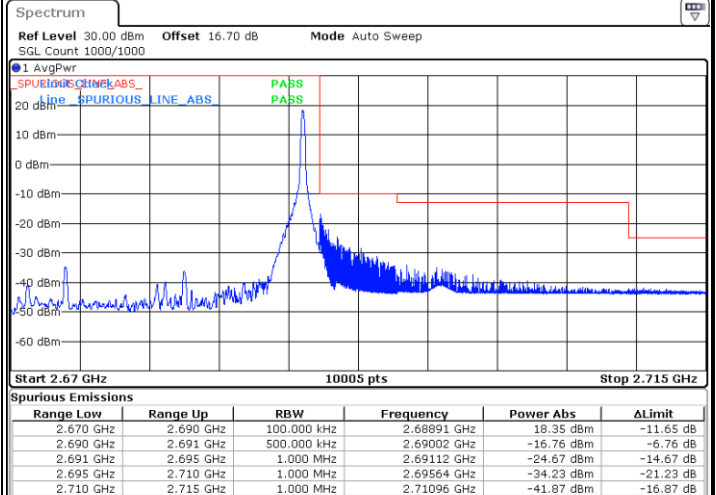
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



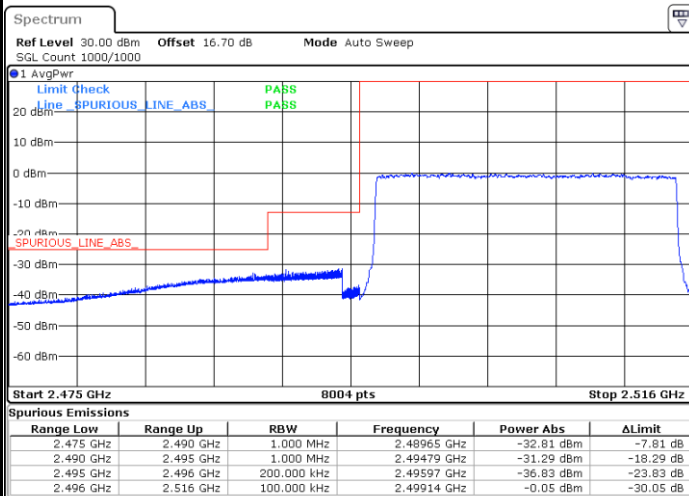
Date: 7 MAY 2021 16:39:51

Highest Band Edge / 1 RB



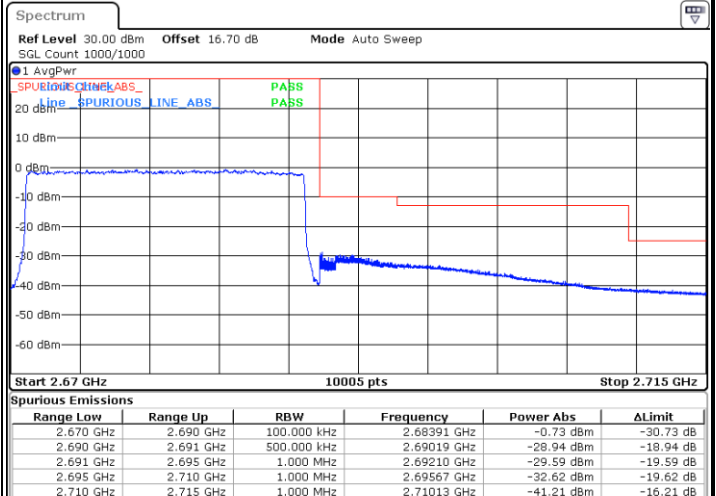
Date: 7 MAY 2021 16:45:06

Lowest Band Edge / Full RB



Date: 7 MAY 2021 16:41:41

Highest Band Edge / Full RB



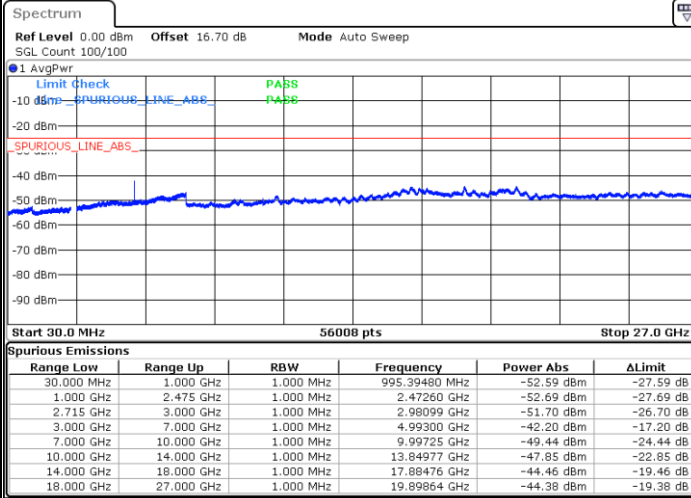
Date: 7 MAY 2021 16:43:48



Conducted Spurious Emission

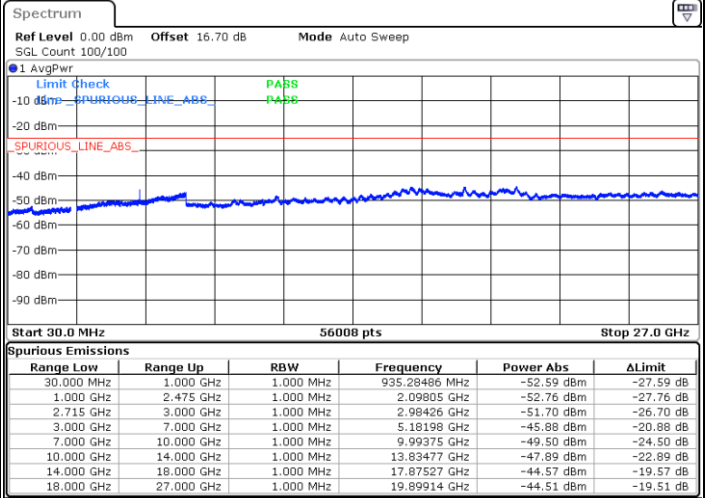
LTE Band 41 / 5MHz

Lowest Channel / QPSK



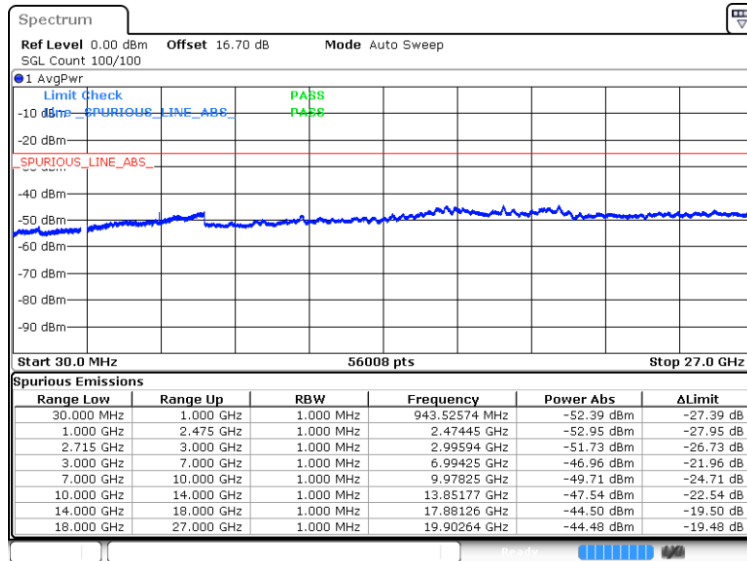
Date: 7.MAY.2021 15:21:07

Middle Channel / QPSK



Date: 7.MAY.2021 15:22:17

Highest Channel / QPSK

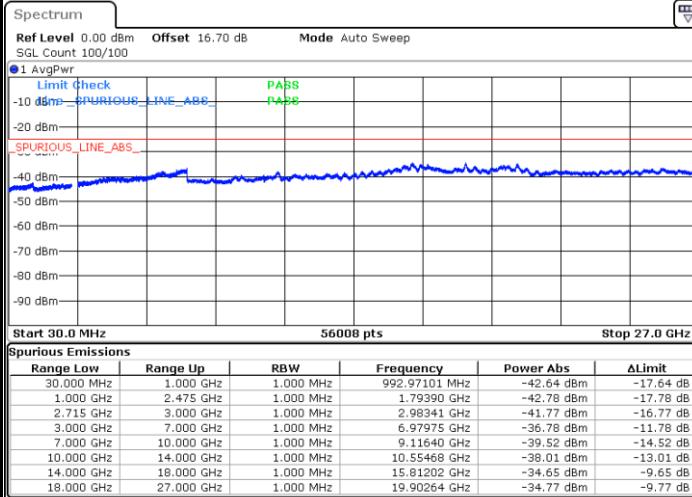


Date: 7.MAY.2021 15:23:28



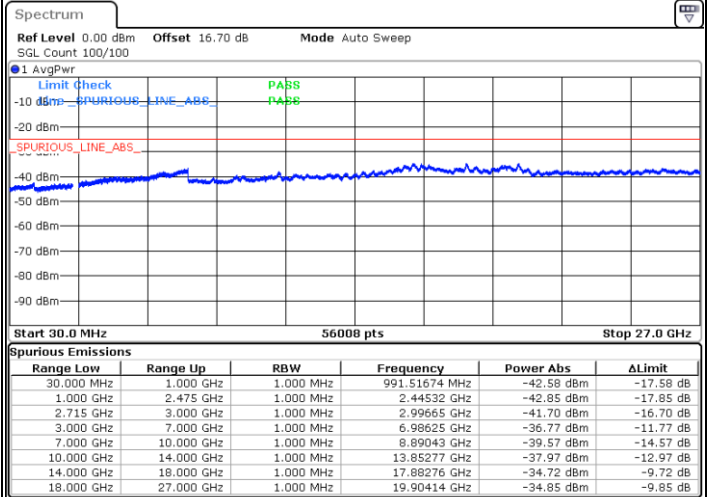
LTE Band 41 / 10MHz

Lowest Channel / QPSK



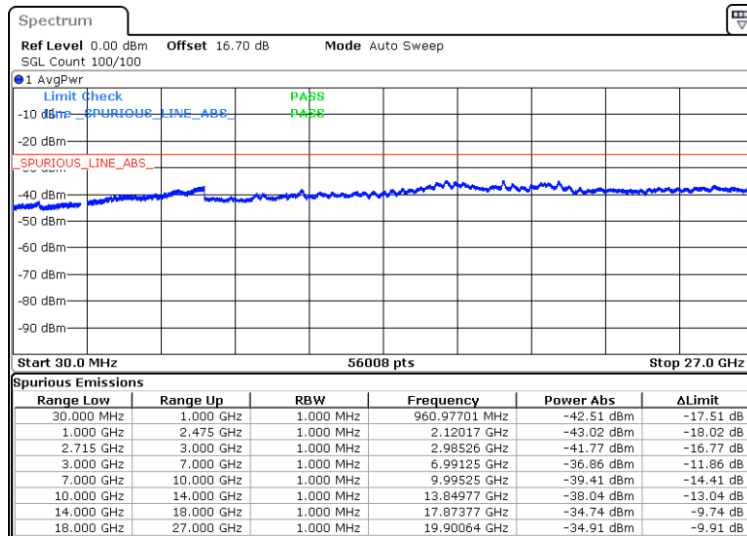
Date: 7.MAY.2021 15:24:40

Middle Channel / QPSK



Date: 7.MAY.2021 15:25:50

Highest Channel / QPSK

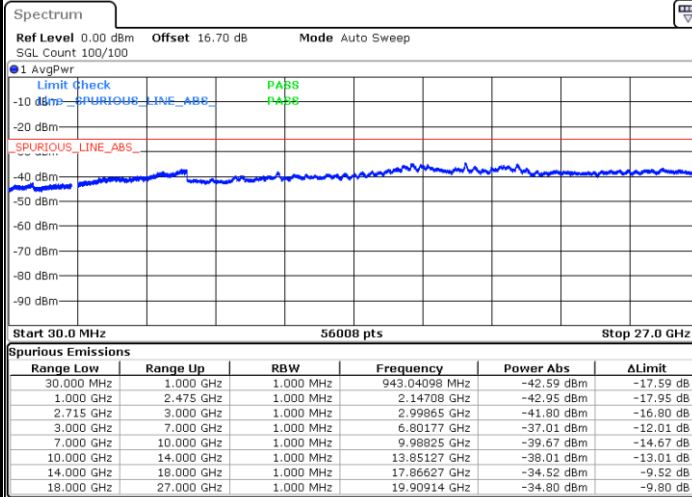


Date: 7.MAY.2021 15:27:01



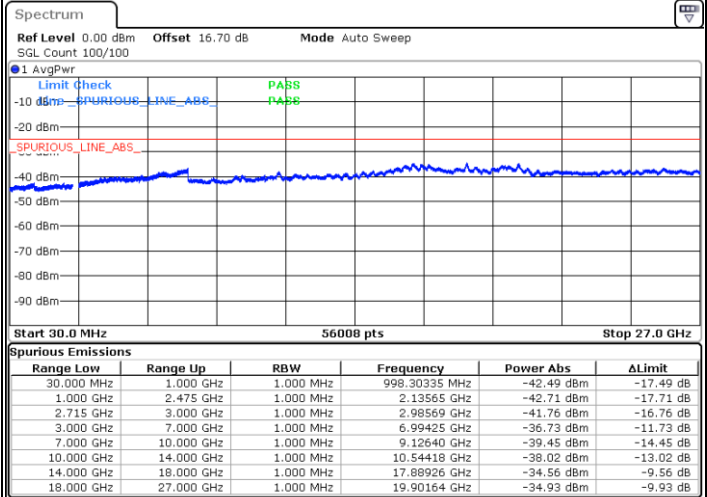
LTE Band 41 / 15MHz

Lowest Channel / QPSK



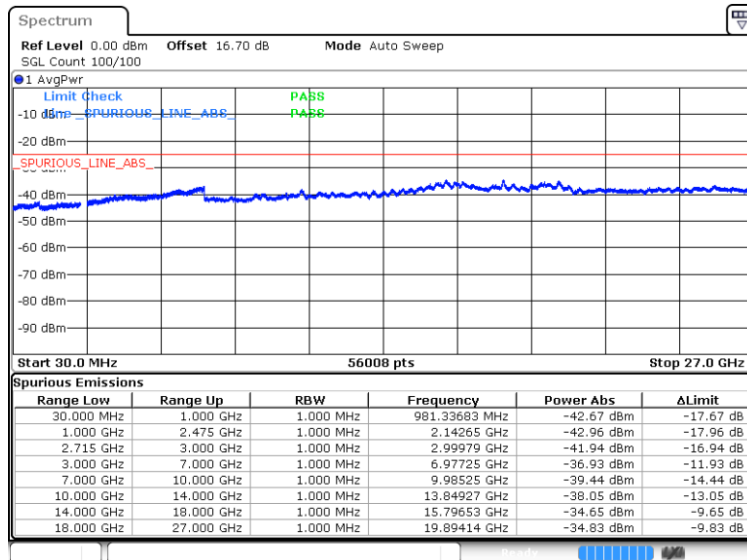
Date: 7.MAY.2021 15:28:13

Middle Channel / QPSK



Date: 7.MAY.2021 15:29:23

Highest Channel / QPSK

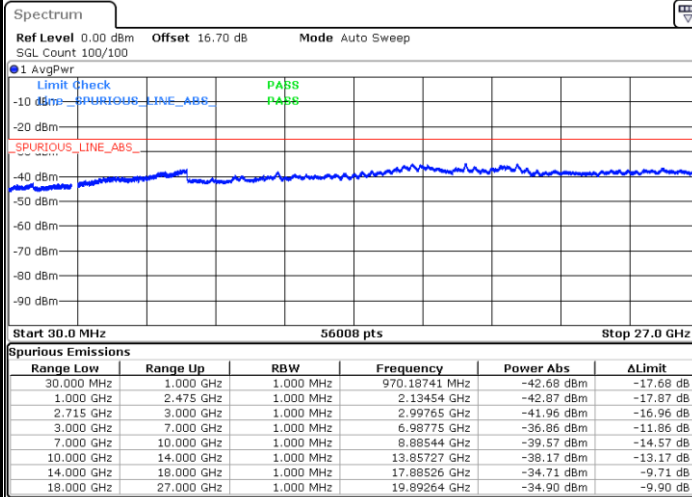


Date: 7.MAY.2021 15:30:34



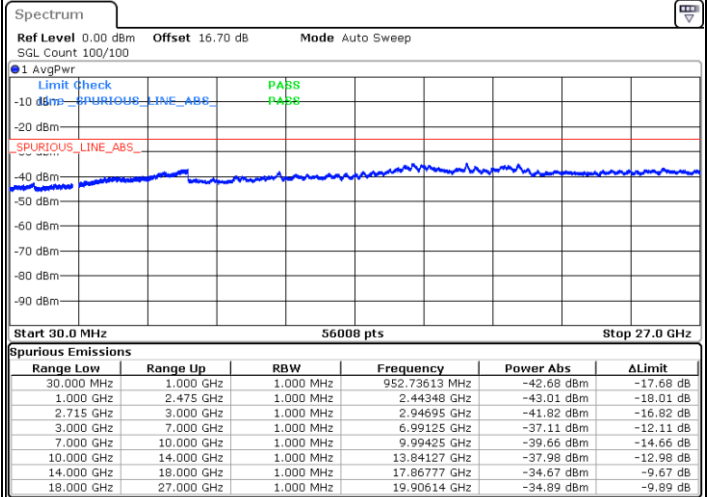
LTE Band 41 / 20MHz

Lowest Channel / QPSK



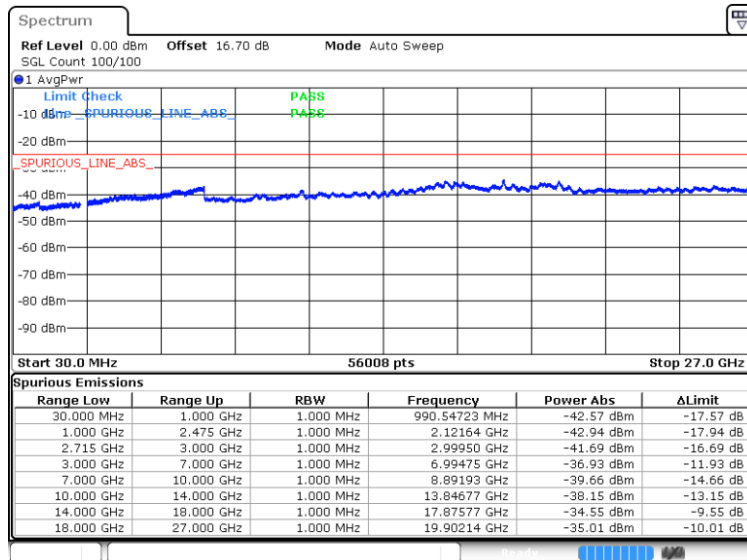
Date: 7 MAY 2021 15:31:45

Middle Channel / QPSK



Date: 7 MAY 2021 15:32:56

Highest Channel / QPSK



Date: 7 MAY 2021 15:34:07

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	0.0014	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0026	
-10	Normal Voltage	0.0039	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0007	

Note:

1. Normal Voltage =3.8 V. ; Minimum Voltage =3.4 V. ; Maximum Voltage =4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C_HPUE

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.58	25.28	29.85	25.23	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.88	29.97	34.90	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.68	25.23	29.91	25.23	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	24.88	29.97	34.90	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.53	25.18	30.09	25.03	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	24.78	30.15	34.90	40.28

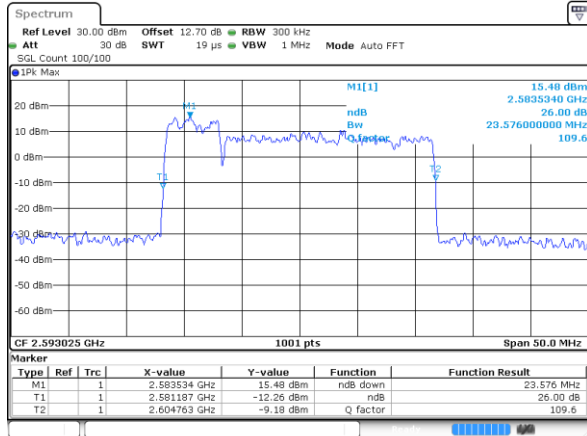
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.53	24.98	29.91	25.08	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.78	29.91	34.97	39.96



LTE Band 41C

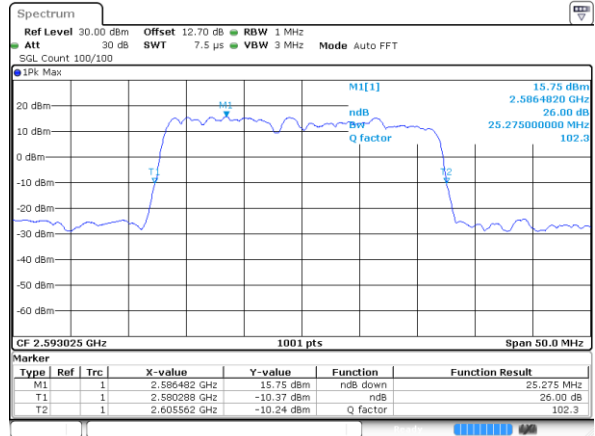
QPSK

Middle Channel / 5MHz+20MHz



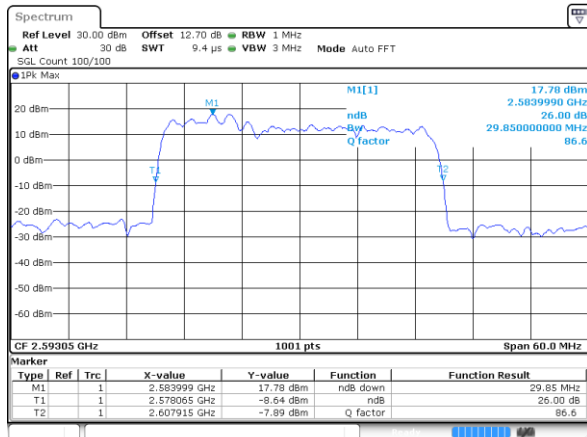
Date: 22 MAY 2021 15:22:08

Middle Channel / 10MHz+15MHz



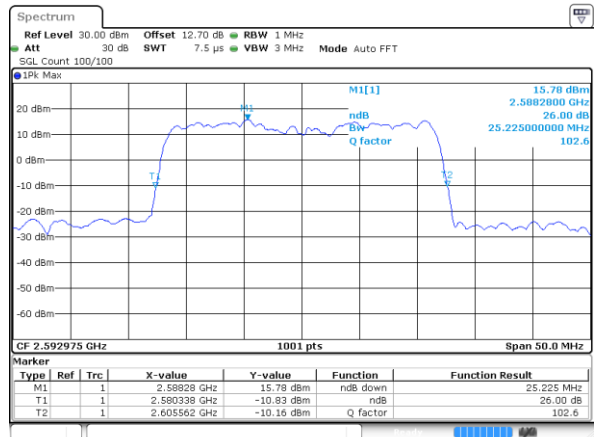
Date: 24 MAY 2021 10:06:09

Middle Channel / 10MHz+20MHz



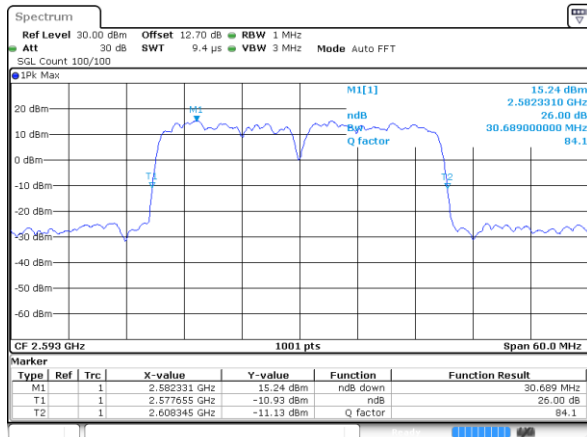
Date: 24 MAY 2021 13:44:29

Middle Channel / 15MHz+10MHz



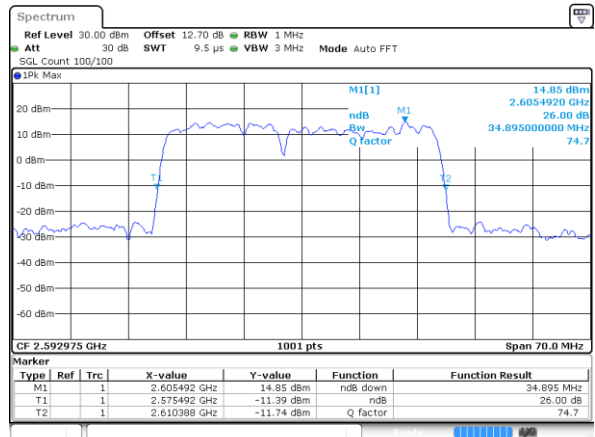
Date: 24 MAY 2021 10:15:19

Middle Channel / 15MHz+15MHz



Date: 24 MAY 2021 15:33:29

Middle Channel / 15MHz+20MHz

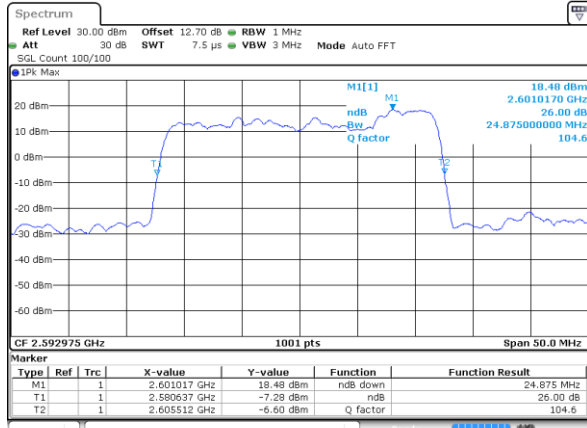


Date: 24 MAY 2021 17:35:08

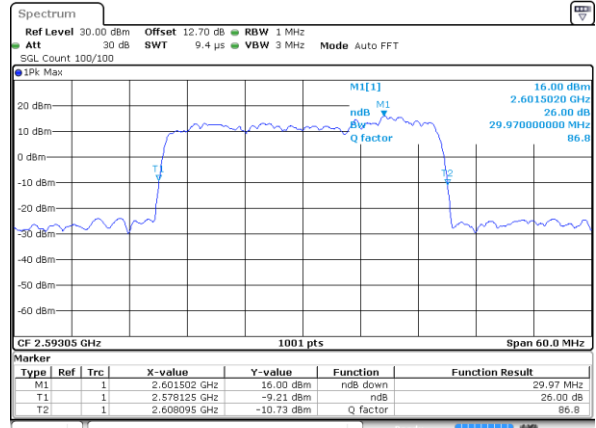


LTE Band 41C

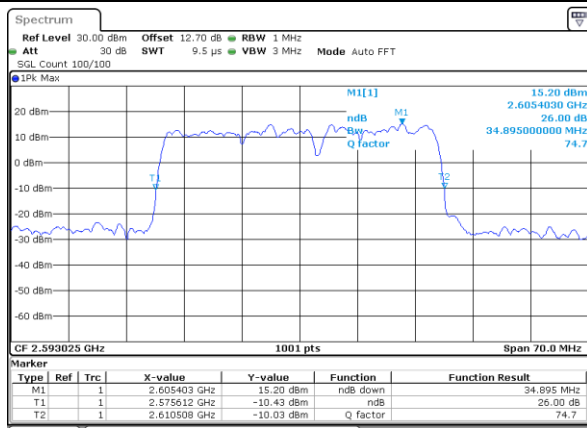
Middle Channel / 20MHz+5MHz



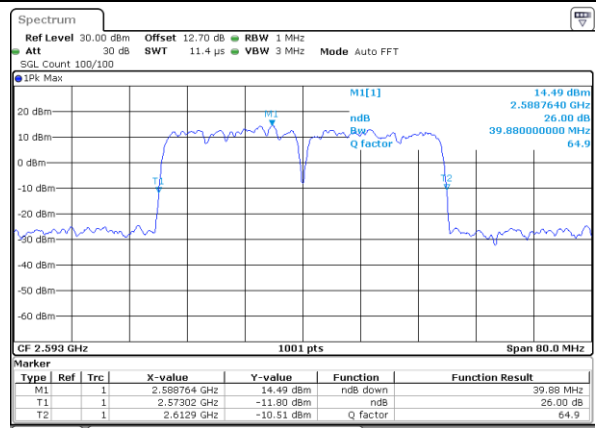
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



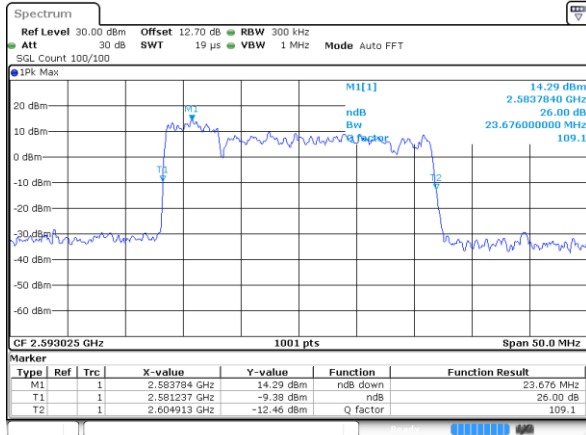
Middle Channel / 20MHz+20MHz



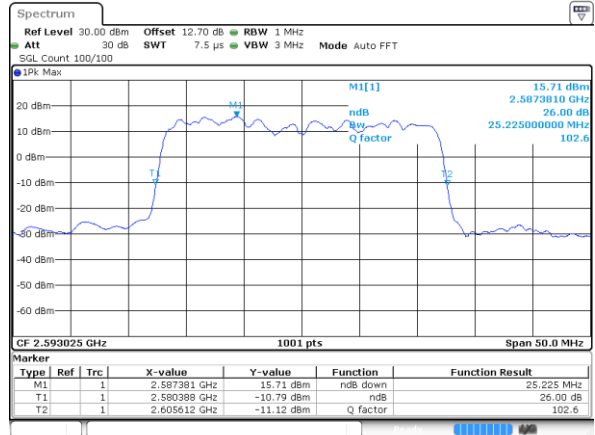


LTE Band 41C

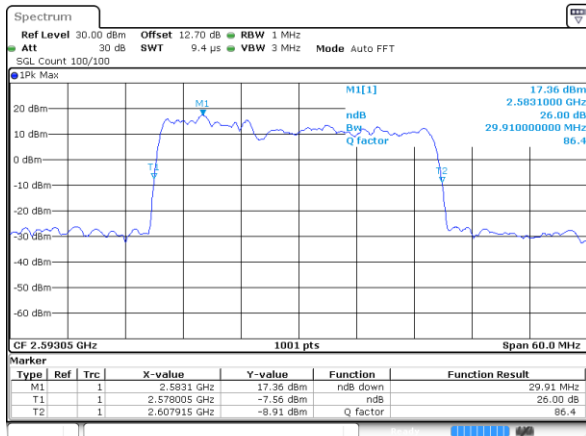
Middle Channel / 5MHz+20MHz



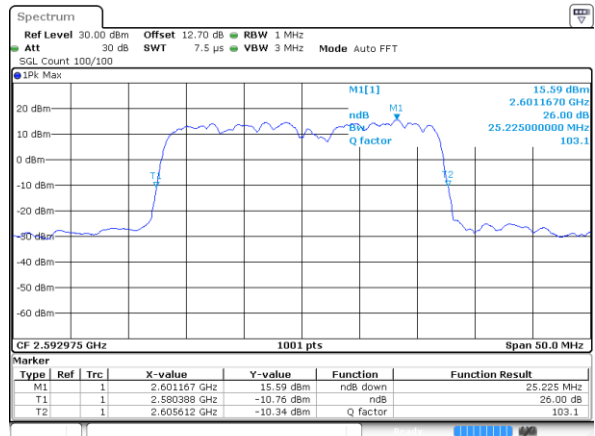
Middle Channel / 10MHz+15MHz



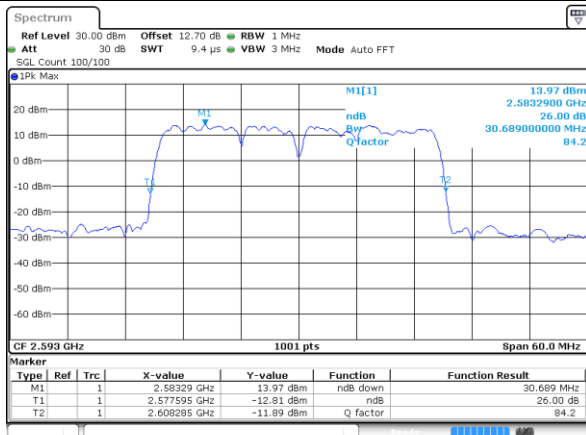
Middle Channel / 10MHz+20MHz



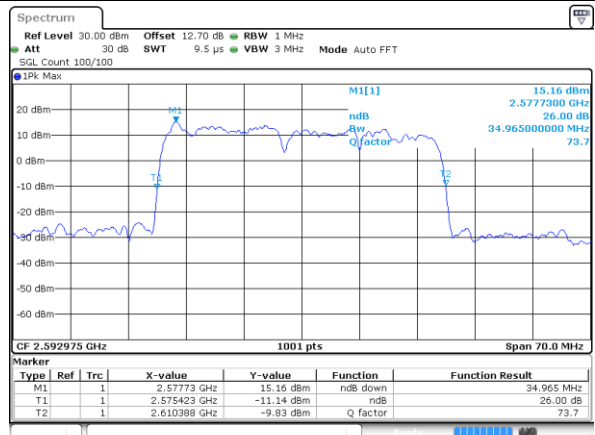
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

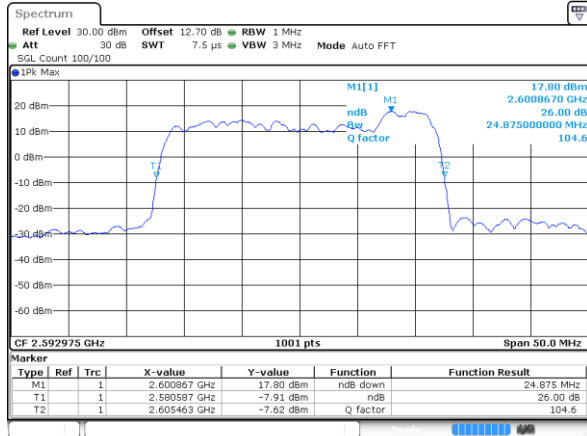




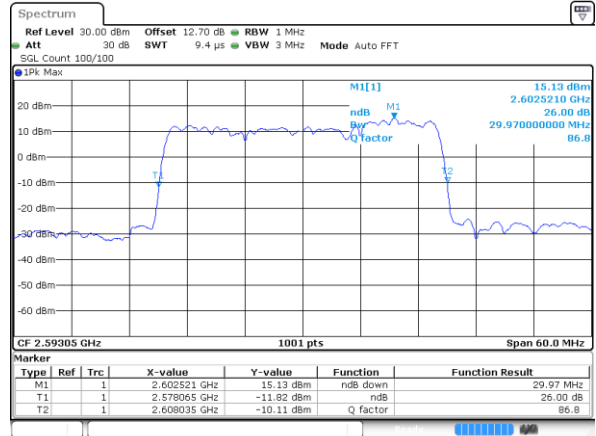
LTE Band 41C

16QAM

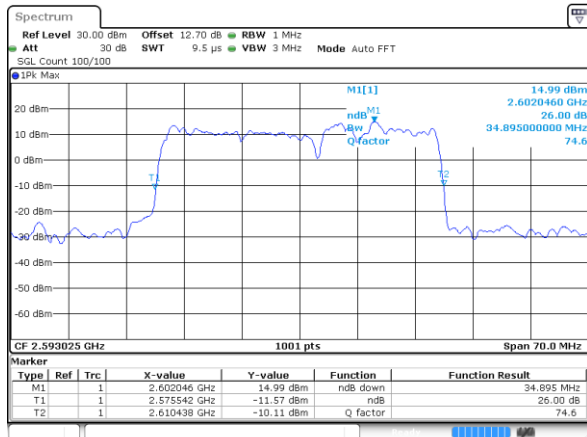
Middle Channel / 20MHz+5MHz



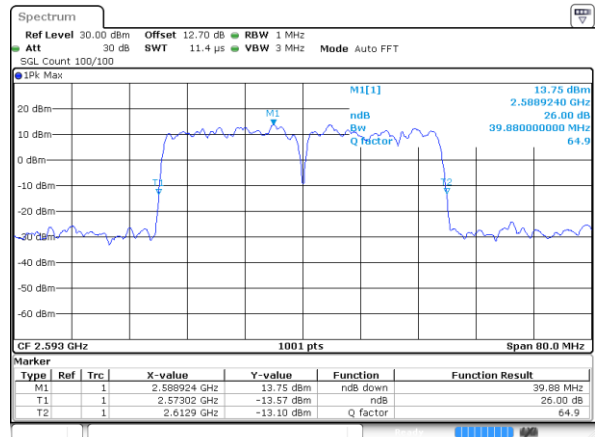
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

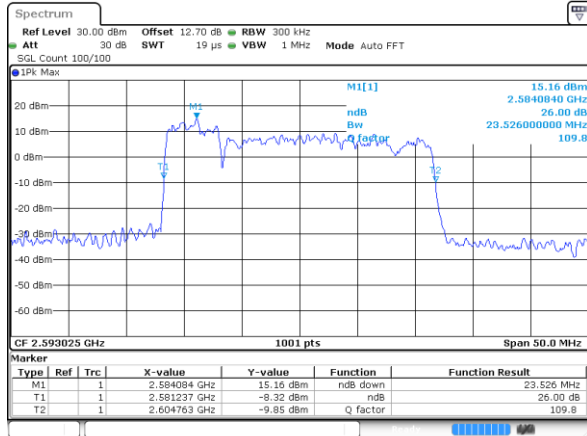




LTE Band 41C

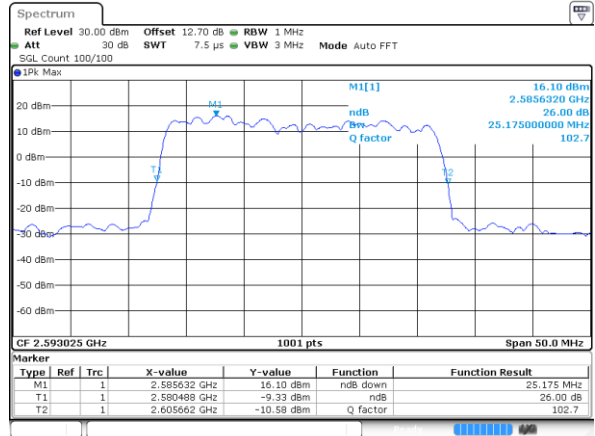
64QAM

Middle Channel / 5MHz+20MHz



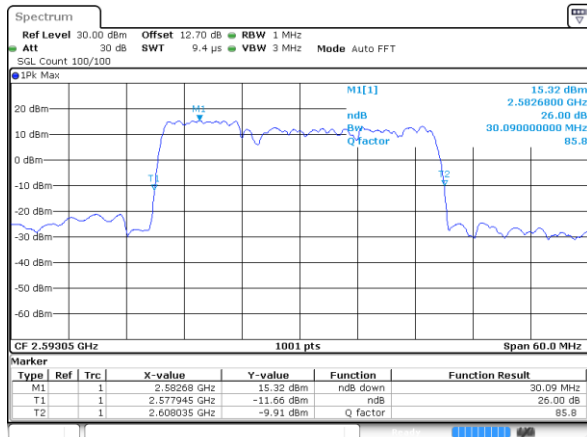
Date: 22 MAY 2021 15:21:11

Middle Channel / 10MHz+15MHz



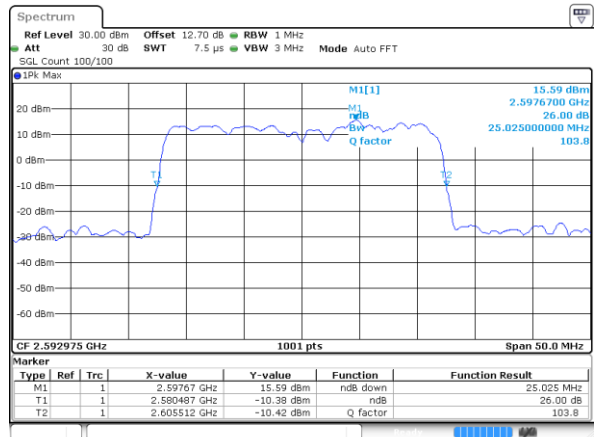
Date: 24 MAY 2021 10:09:46

Middle Channel / 10MHz+20MHz



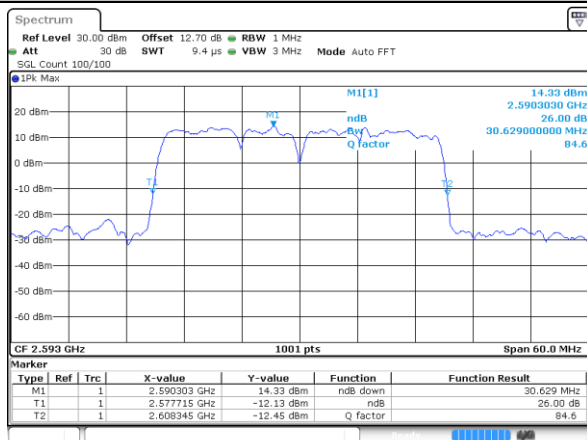
Date: 24 MAY 2021 13:43:34

Middle Channel / 15MHz+10MHz



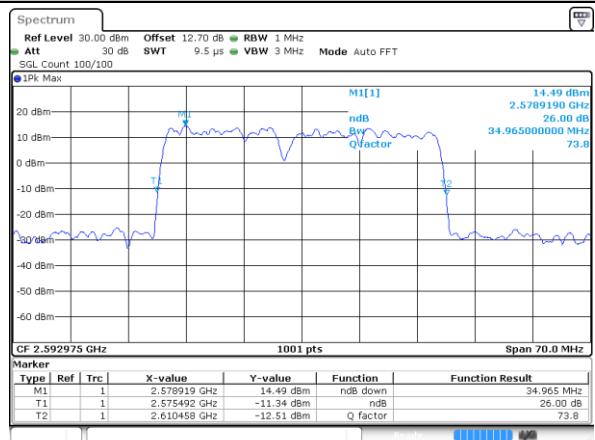
Date: 24 MAY 2021 10:14:24

Middle Channel / 15MHz+15MHz



Date: 24 MAY 2021 15:32:34

Middle Channel / 15MHz+20MHz



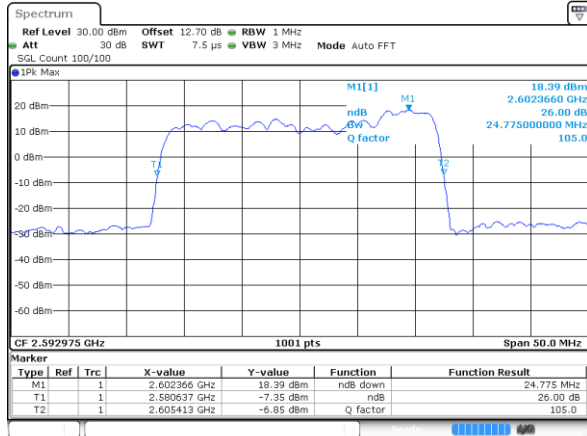
Date: 24 MAY 2021 17:34:11



LTE Band 41C

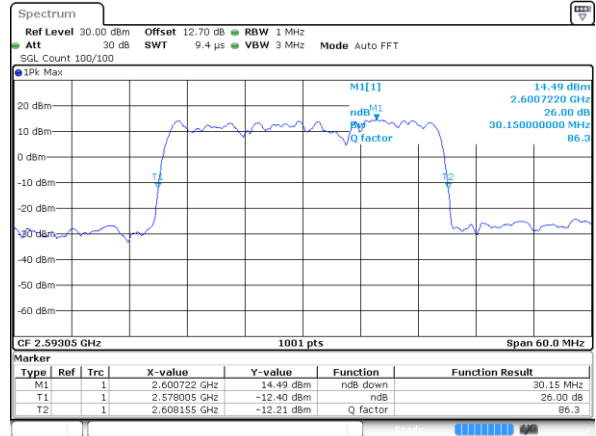
64QAM

Middle Channel / 20MHz+5MHz



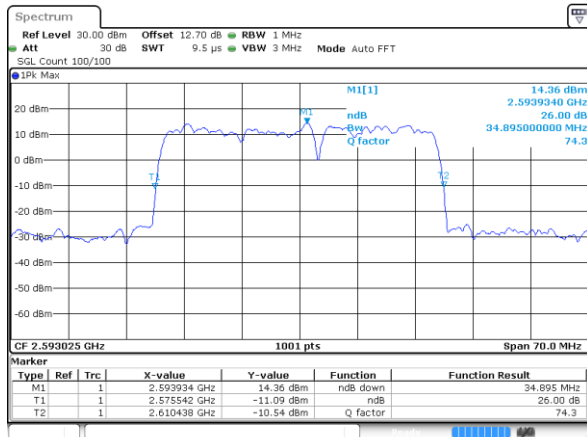
Date: 22 MAY 2021 15:31:35

Middle Channel / 20MHz+10MHz



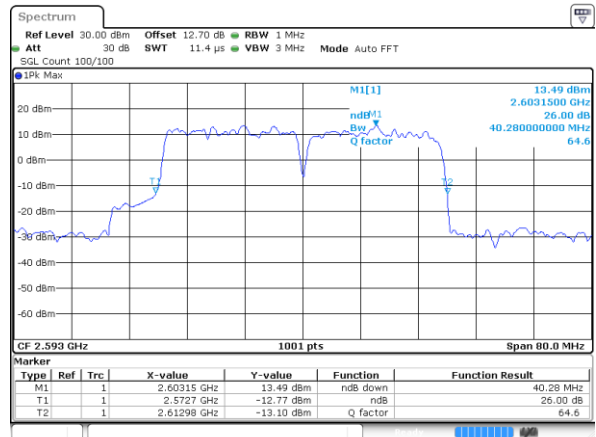
Date: 24 MAY 2021 15:25:22

Middle Channel / 20MHz+15MHz



Date: 25 MAY 2021 01:22:57

Middle Channel / 20MHz+20MHz



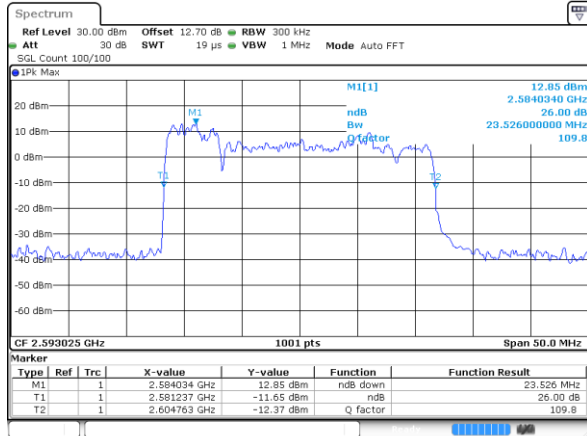
Date: 24 MAY 2021 11:11:25



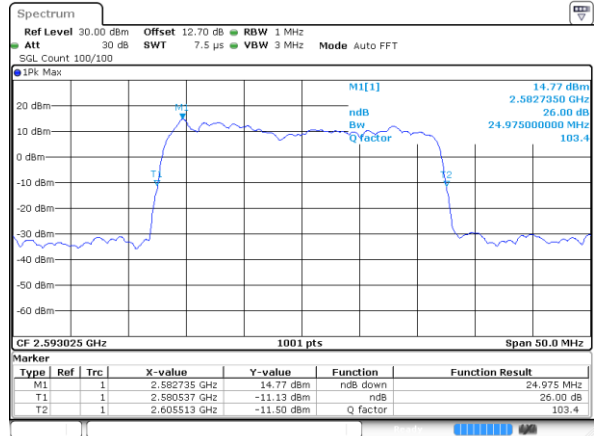
LTE Band 41C

256QAM

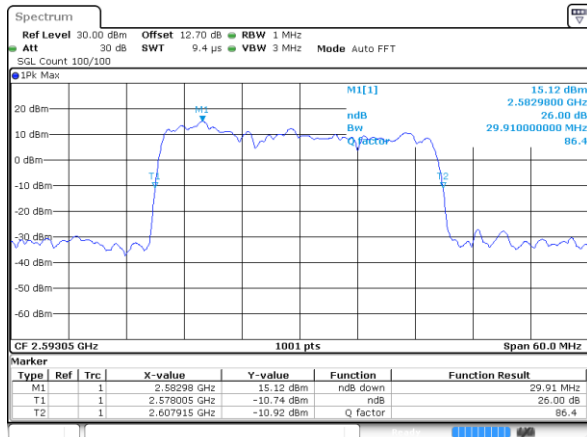
Middle Channel / 5MHz+20MHz



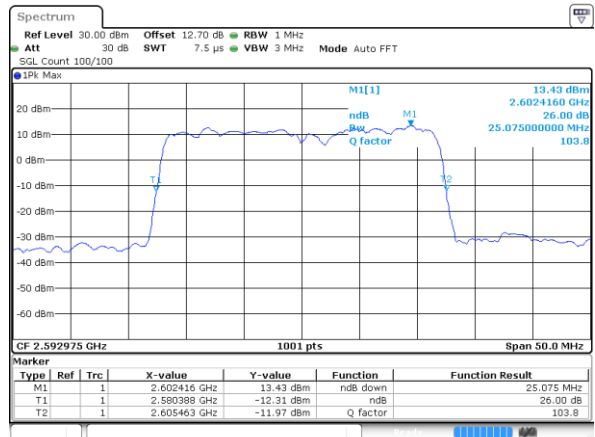
Middle Channel / 10MHz+15MHz



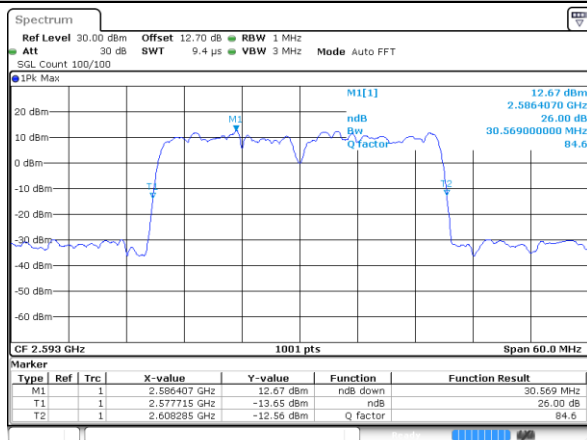
Middle Channel / 10MHz+20MHz



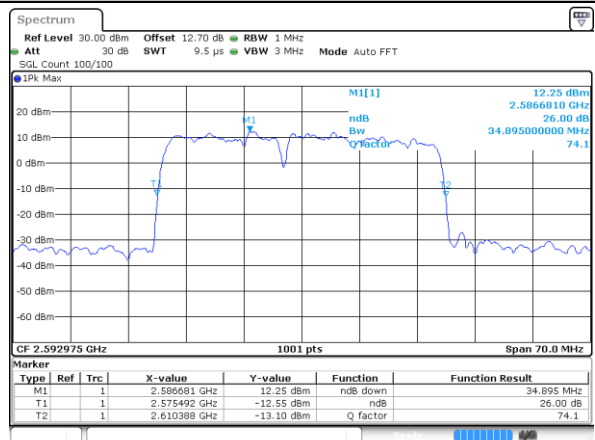
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

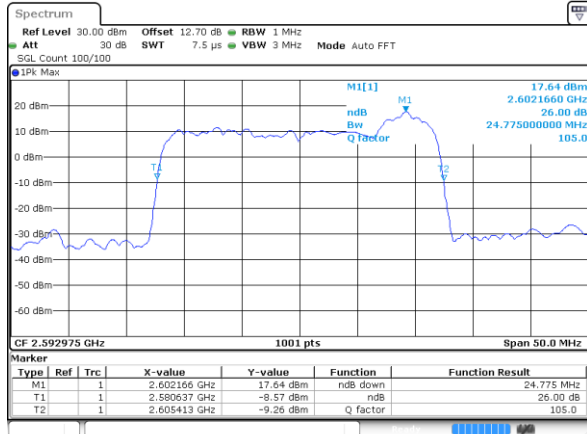




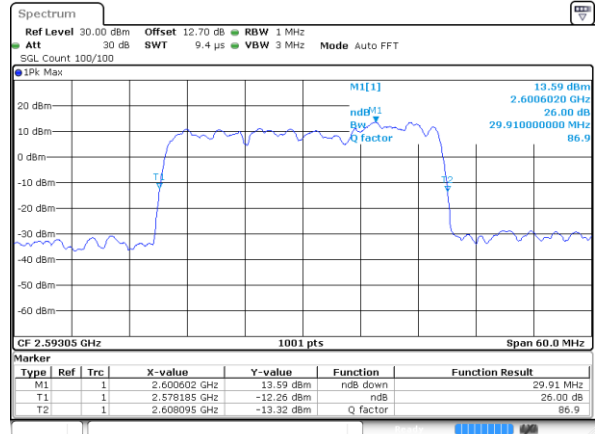
LTE Band 41C

256QAM

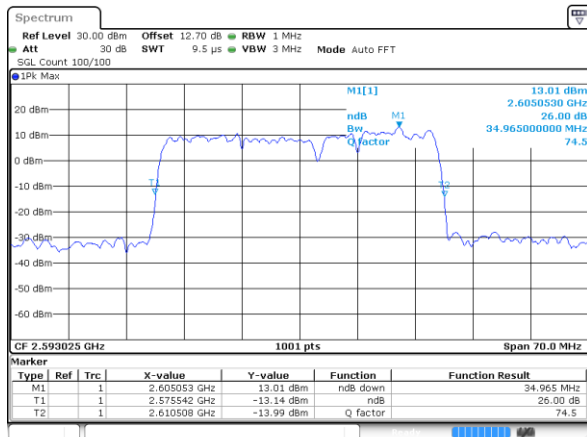
Middle Channel / 20MHz+5MHz



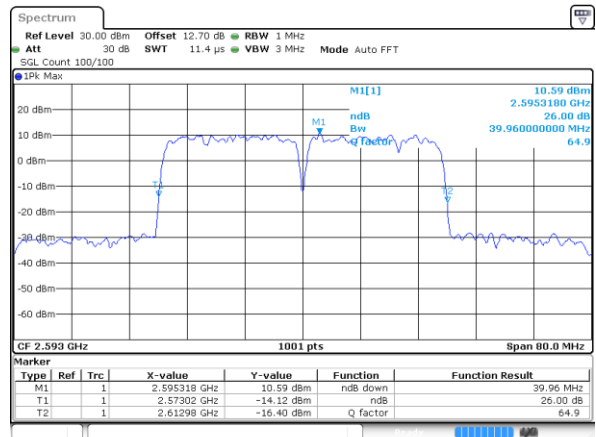
Middle Channel / 20MHz+10MHz



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	22.93	23.53	27.75	23.53	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.94	23.38	28.11	32.87	37.56

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.68	23.53	28.05	23.38	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.94	23.18	28.11	32.94	37.64

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.68	23.33	28.05	23.43	28.41
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.01	23.23	27.93	32.87	37.56

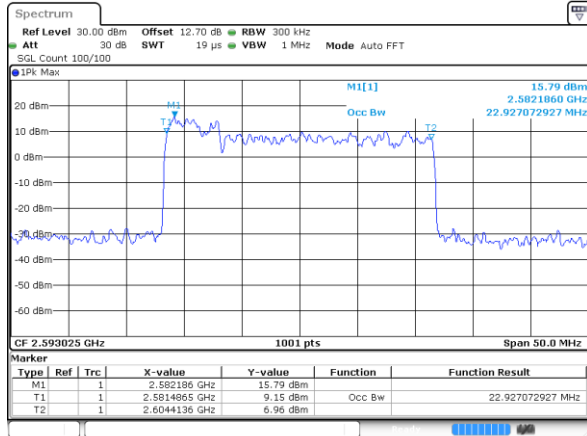
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.73	23.23	27.93	23.33	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.73	23.28	28.05	32.59	37.56



LTE Band 41C

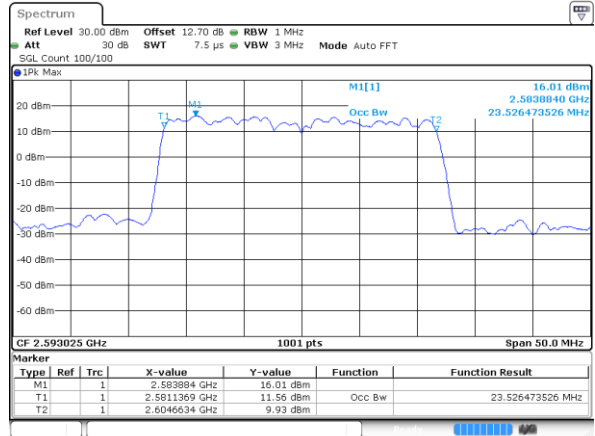
QPSK

Middle Channel / 5MHz+20MHz



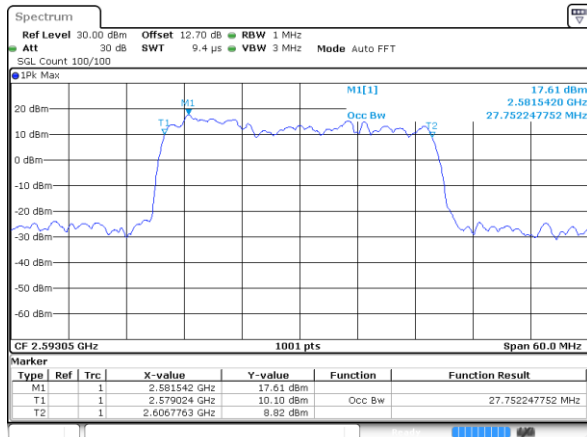
Date: 22 MAY 2021 15:19:48

Middle Channel / 10MHz+15MHz



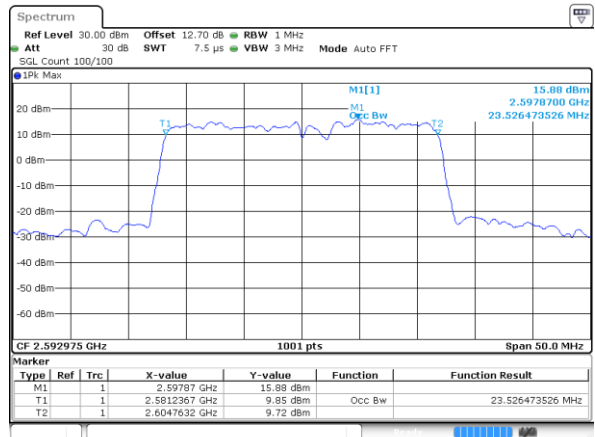
Date: 24 MAY 2021 10:03:52

Middle Channel / 10MHz+20MHz



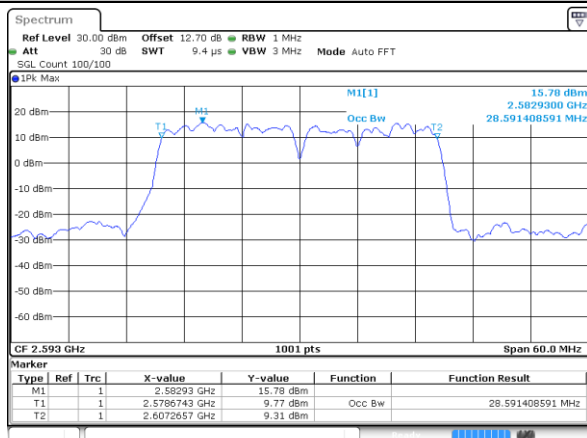
Date: 24 MAY 2021 13:42:11

Middle Channel / 15MHz+10MHz



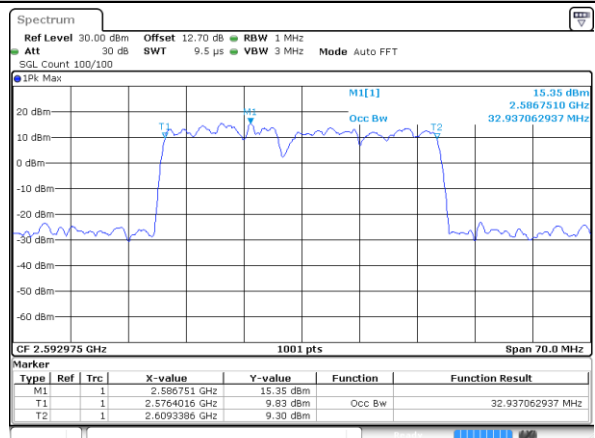
Date: 24 MAY 2021 10:13:02

Middle Channel / 15MHz+15MHz



Date: 24 MAY 2021 15:31:11

Middle Channel / 15MHz+20MHz



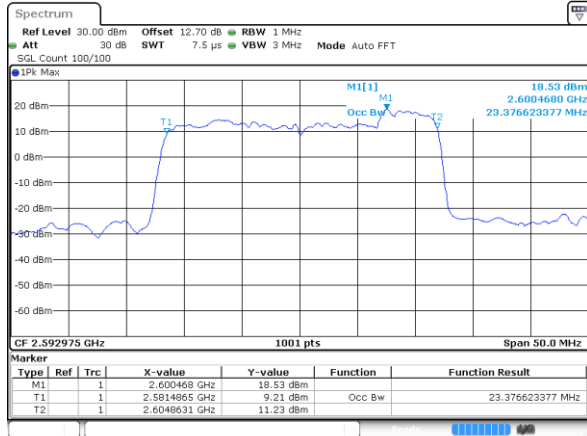
Date: 24 MAY 2021 17:32:49



LTE Band 41C

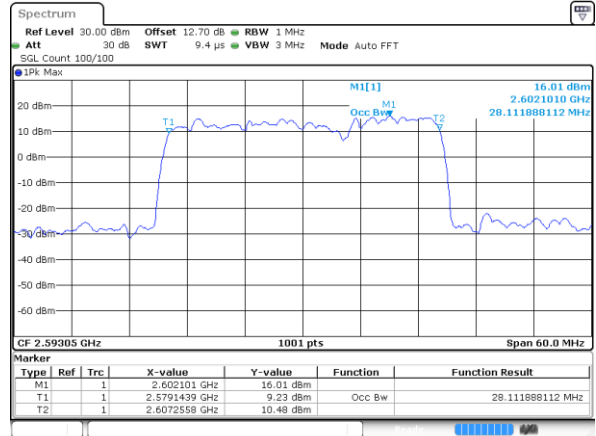
QPSK

Middle Channel / 20MHz+5MHz



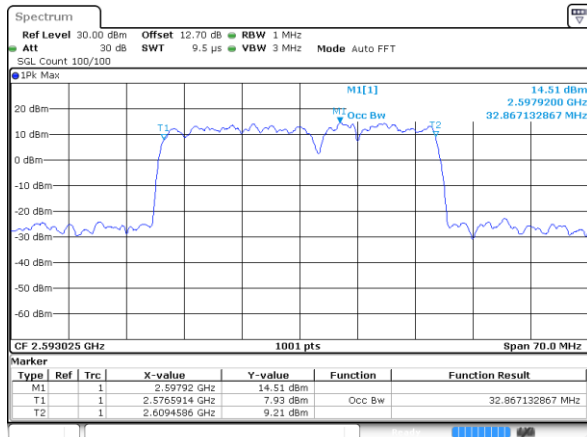
Date: 22 MAY 2021 15:30:13

Middle Channel / 20MHz+10MHz



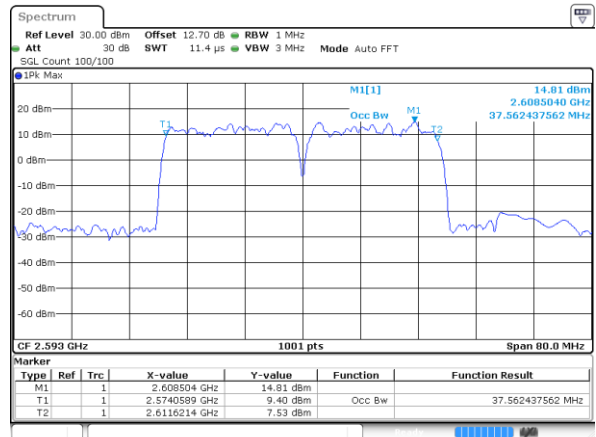
Date: 24 MAY 2021 15:23:59

Middle Channel / 20MHz+15MHz



Date: 25 MAY 2021 01:21:28

Middle Channel / 20MHz+20MHz



Date: 24 MAY 2021 11:10:03