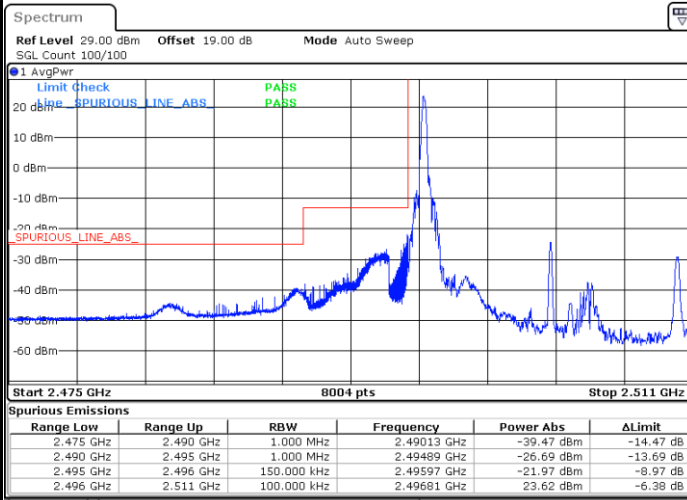




LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



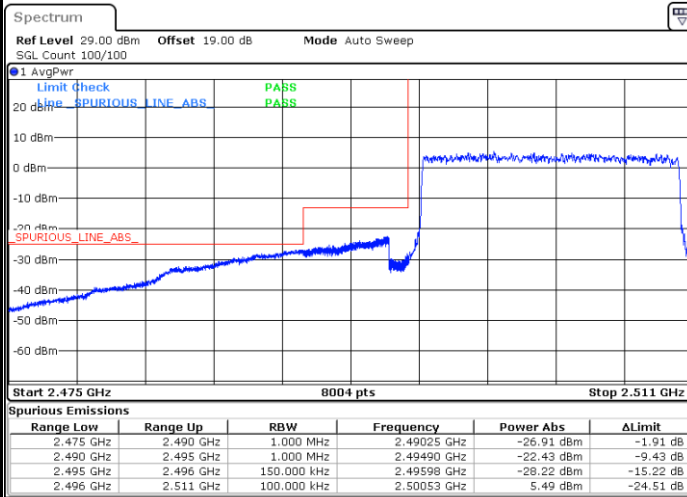
Date: 31.AUG.2020 02:47:33

Highest Band Edge / 1 RB



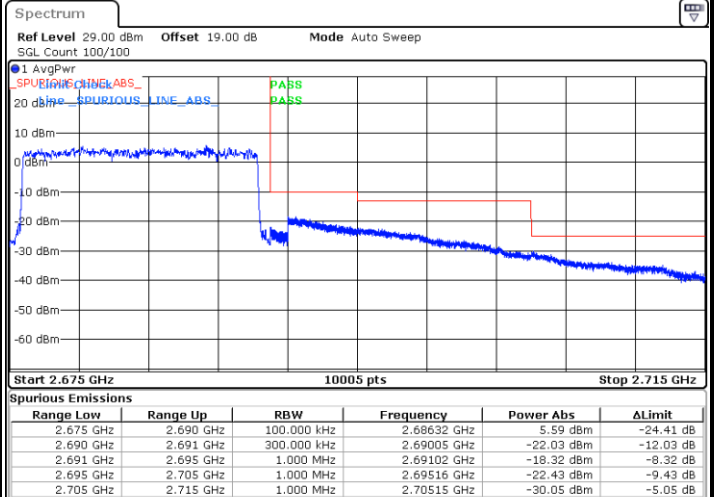
Date: 31.AUG.2020 03:09:01

Lowest Band Edge / Full RB



Date: 31.AUG.2020 02:40:24

Highest Band Edge / Full RB

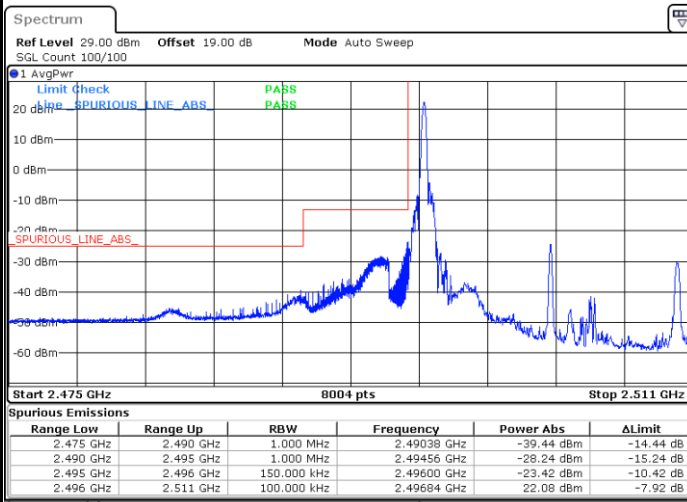


Date: 31.AUG.2020 03:08:30



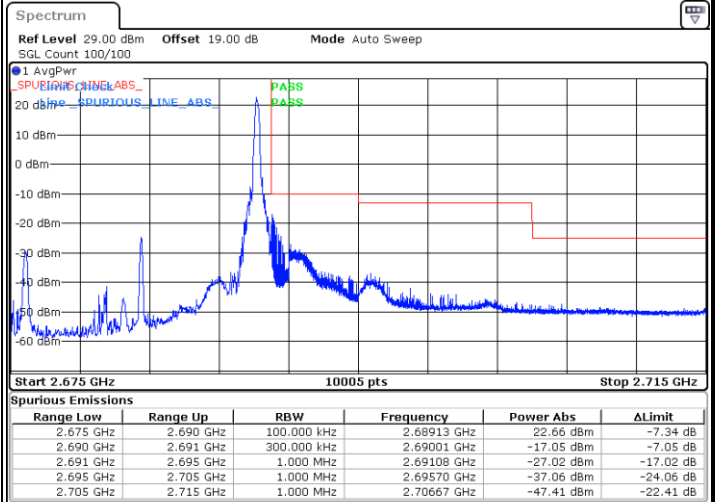
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



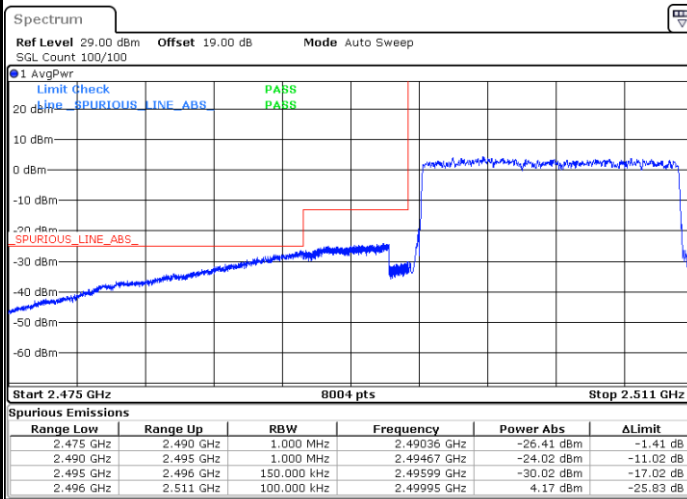
Date: 31.AUG.2020 02:42:49

Highest Band Edge / 1 RB



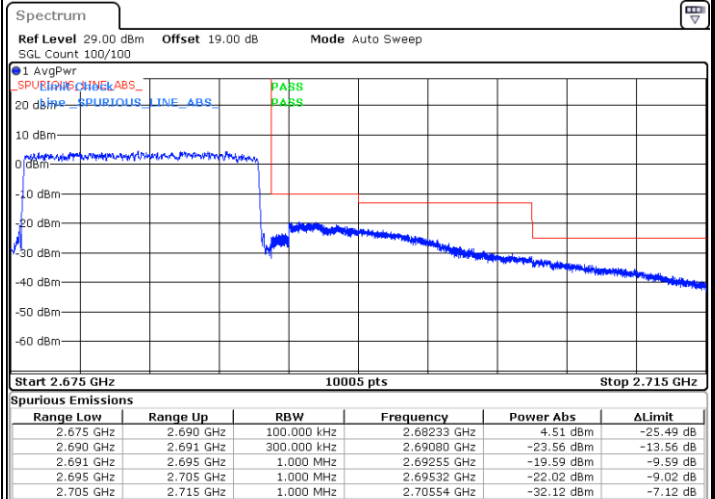
Date: 31.AUG.2020 03:09:29

Lowest Band Edge / Full RB



Date: 31.AUG.2020 02:40:41

Highest Band Edge / Full RB

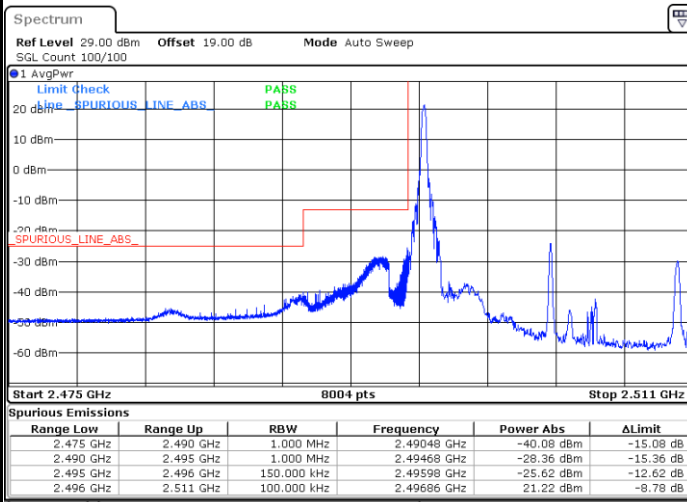


Date: 31.AUG.2020 03:08:14



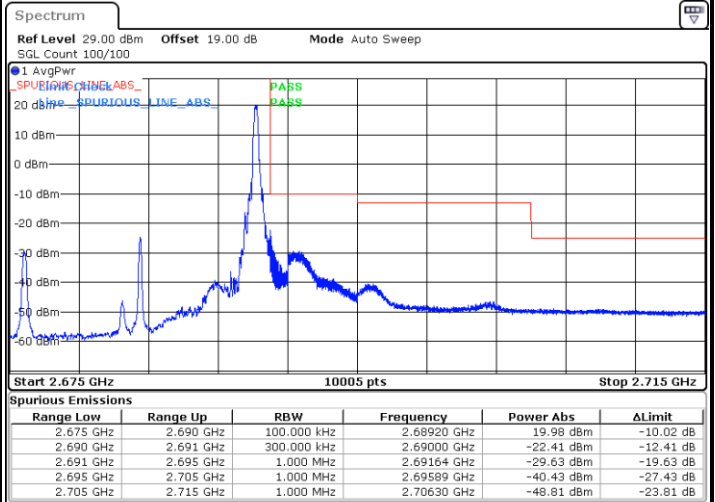
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



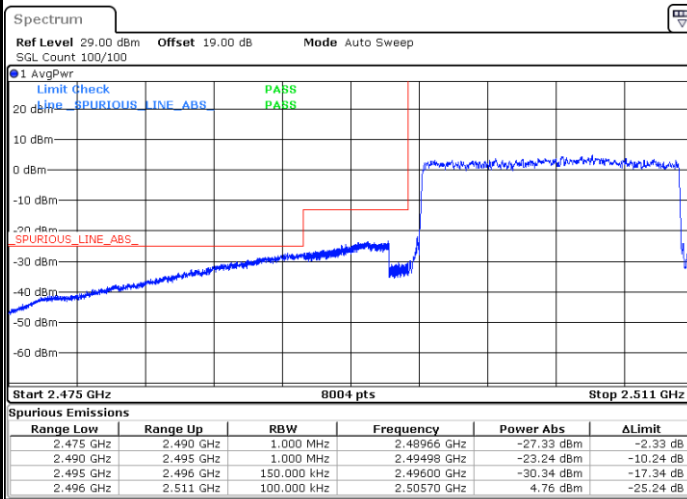
Date: 31.AUG.2020 02:47:11

Highest Band Edge / 1 RB



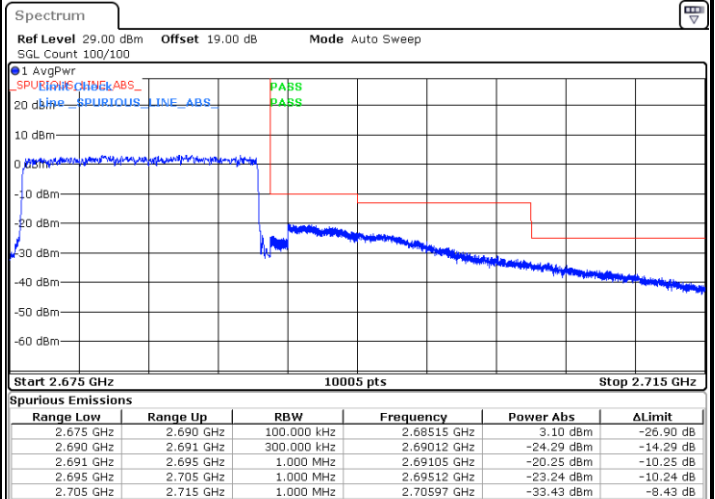
Date: 31.AUG.2020 03:09:45

Lowest Band Edge / Full RB



Date: 31.AUG.2020 02:40:58

Highest Band Edge / Full RB

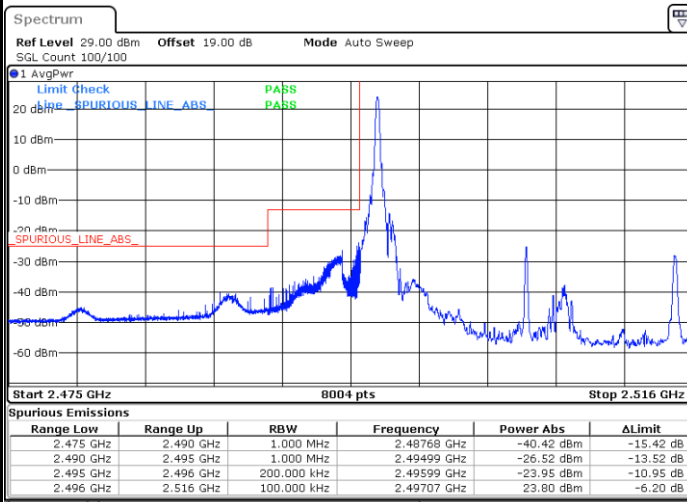


Date: 31.AUG.2020 03:07:53



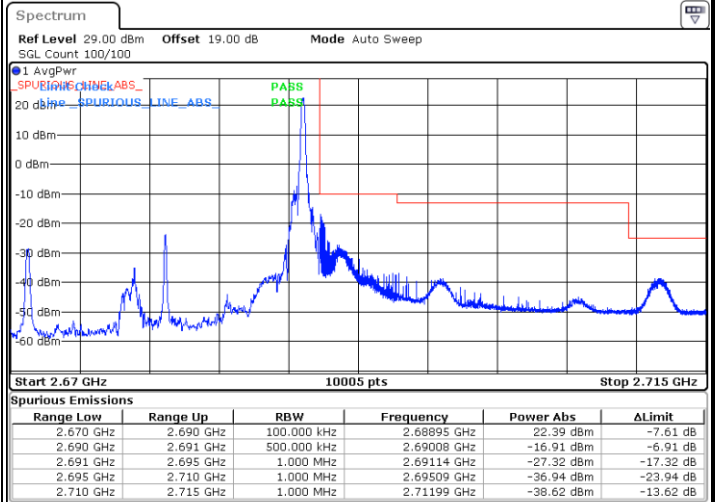
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



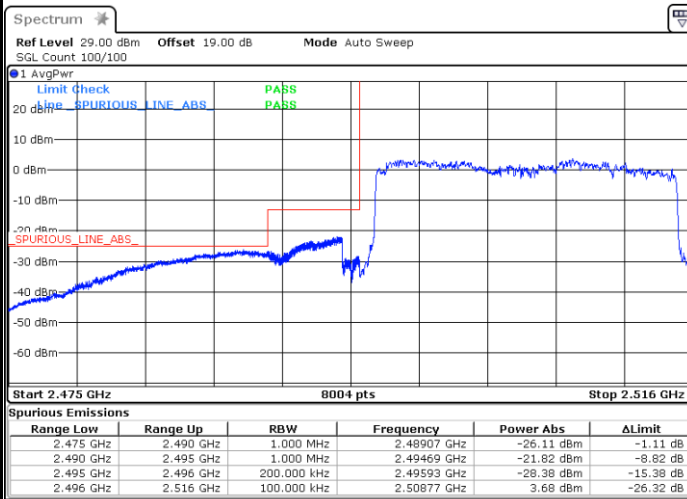
Date: 31.AUG.2020 03:22:49

Highest Band Edge / 1 RB



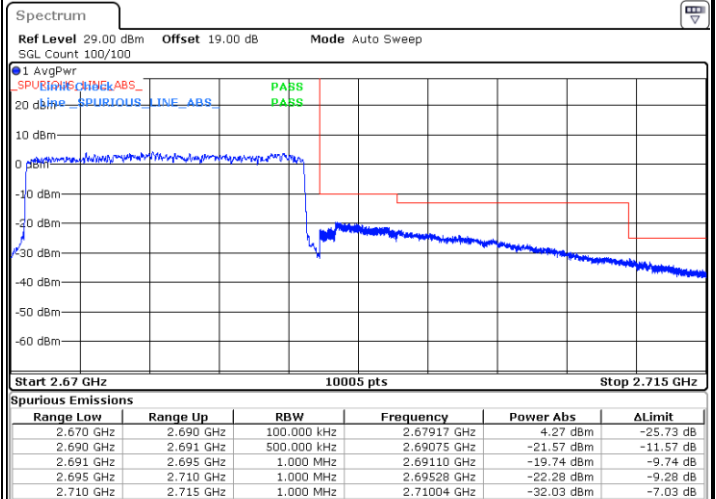
Date: 31.AUG.2020 03:42:00

Lowest Band Edge / Full RB



Date: 31.AUG.2020 03:21:29

Highest Band Edge / Full RB

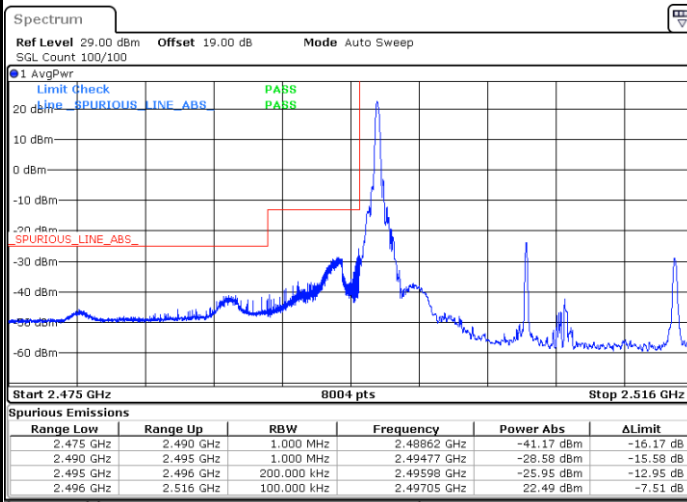


Date: 31.AUG.2020 03:40:39



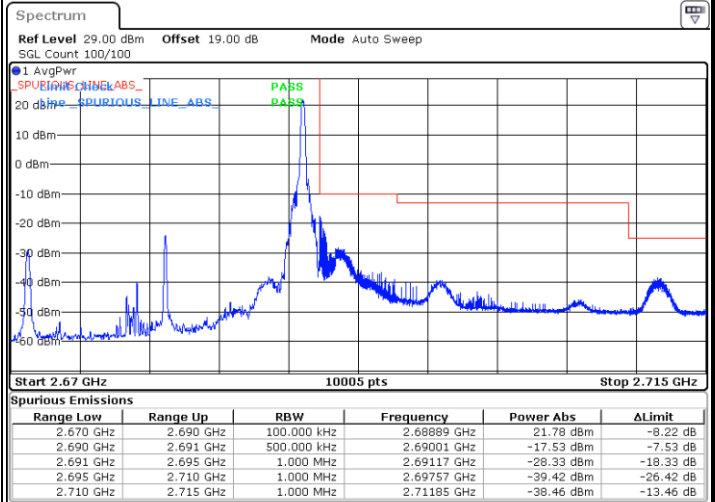
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



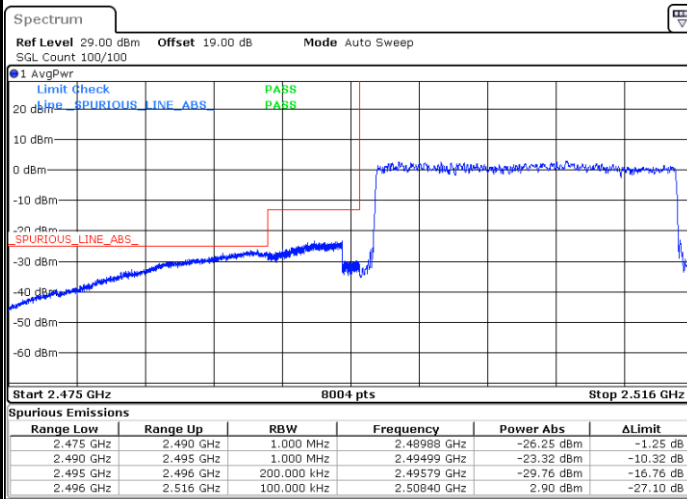
Date: 31.AUG.2020 03:23:13

Highest Band Edge / 1 RB



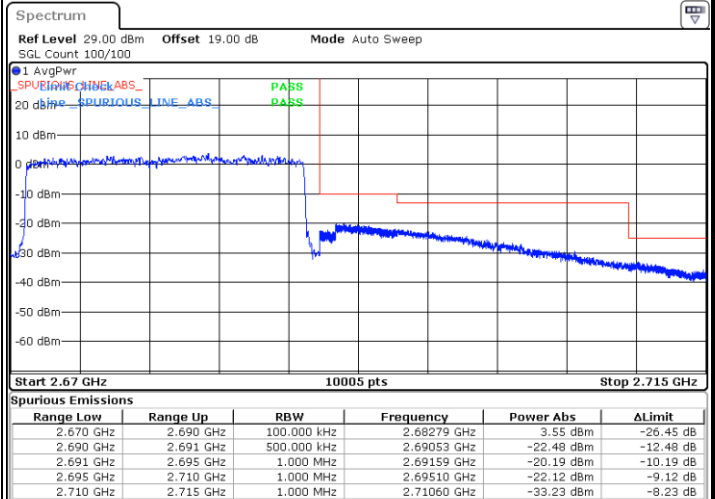
Date: 31.AUG.2020 03:41:49

Lowest Band Edge / Full RB



Date: 31.AUG.2020 03:21:06

Highest Band Edge / Full RB

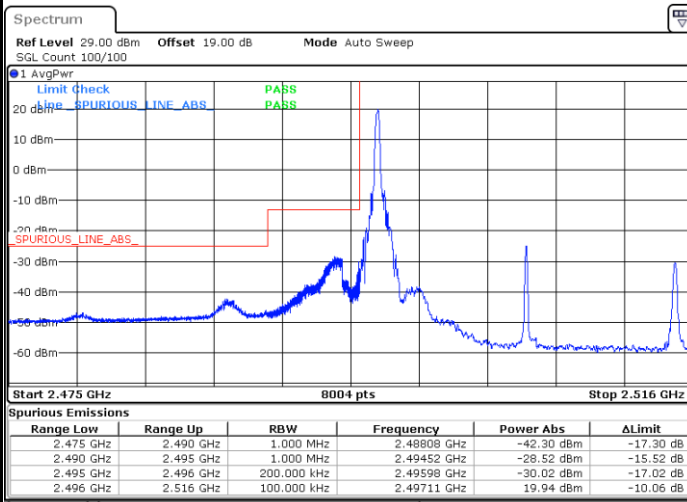


Date: 31.AUG.2020 03:40:58



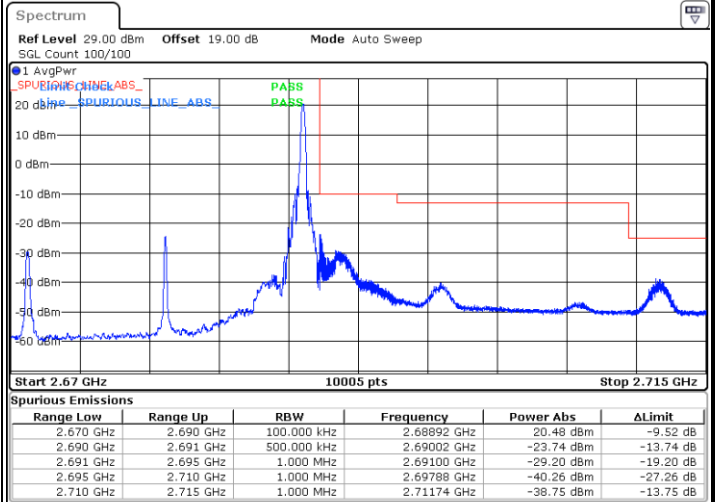
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



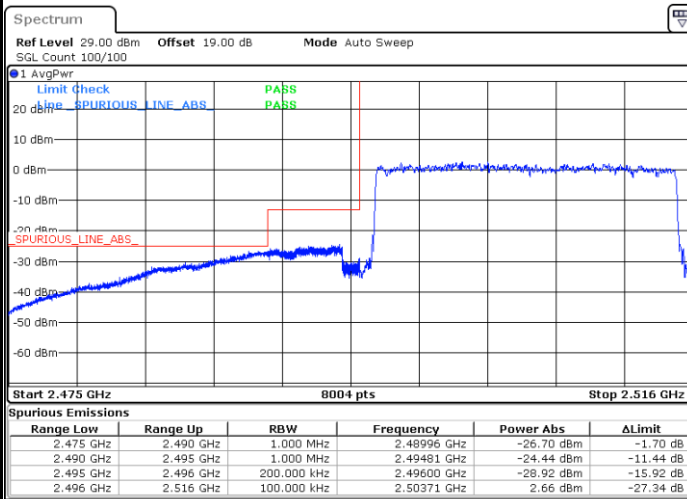
Date: 31.AUG.2020 03:25:43

Highest Band Edge / 1 RB



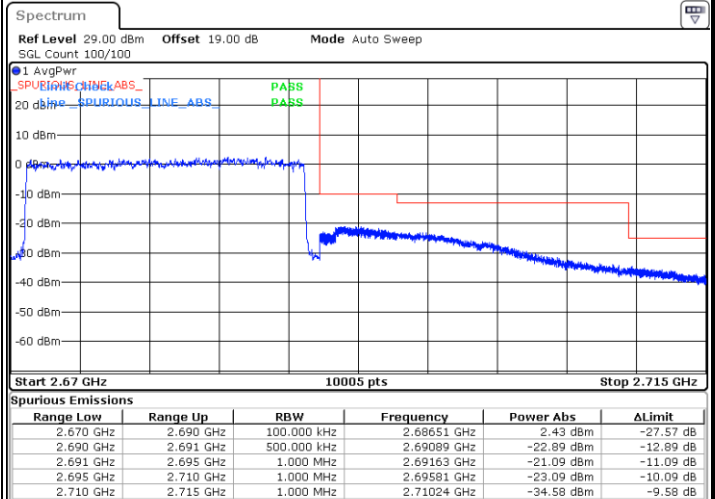
Date: 31.AUG.2020 03:41:33

Lowest Band Edge / Full RB



Date: 31.AUG.2020 03:20:52

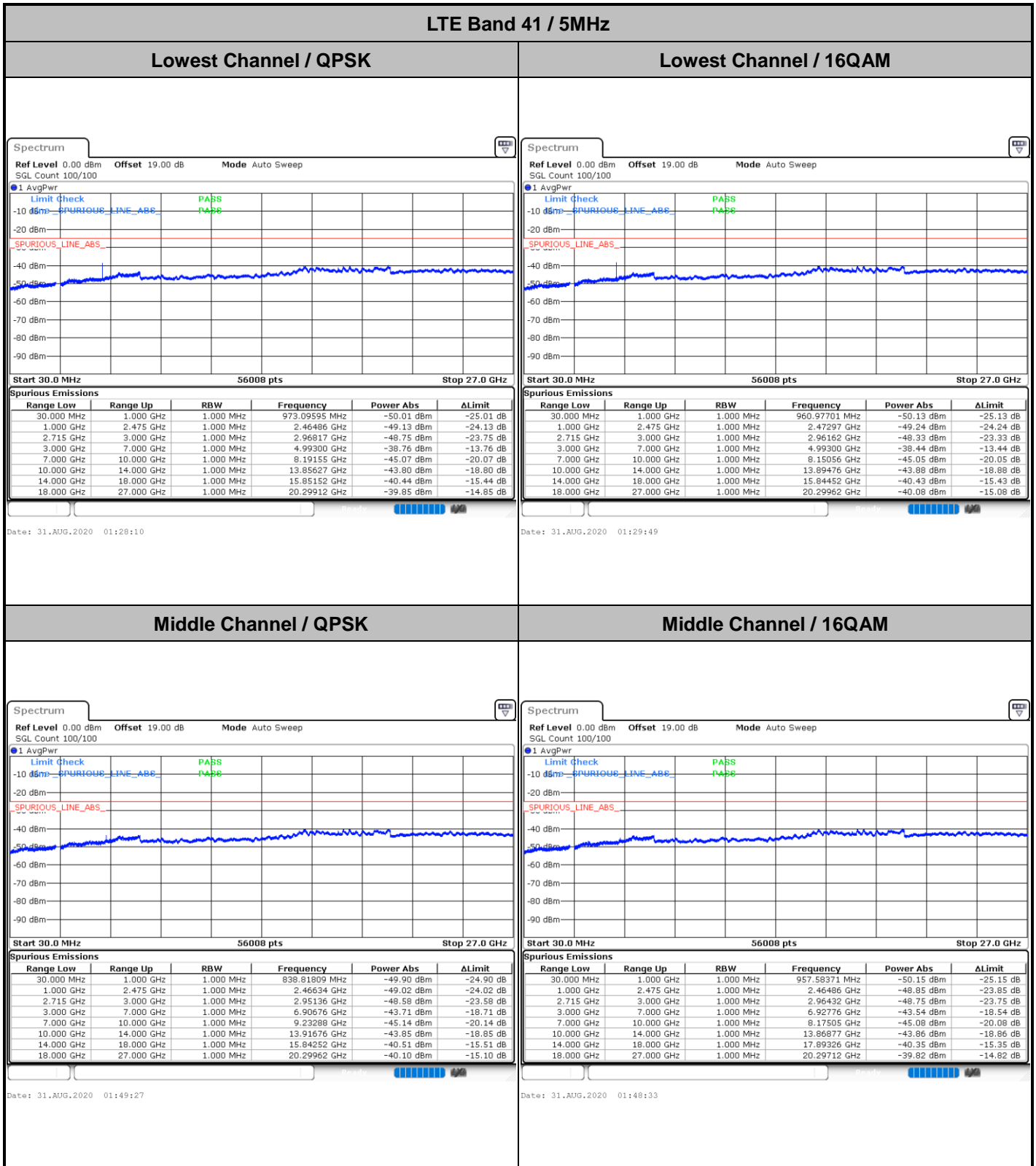
Highest Band Edge / Full RB



Date: 31.AUG.2020 03:41:10



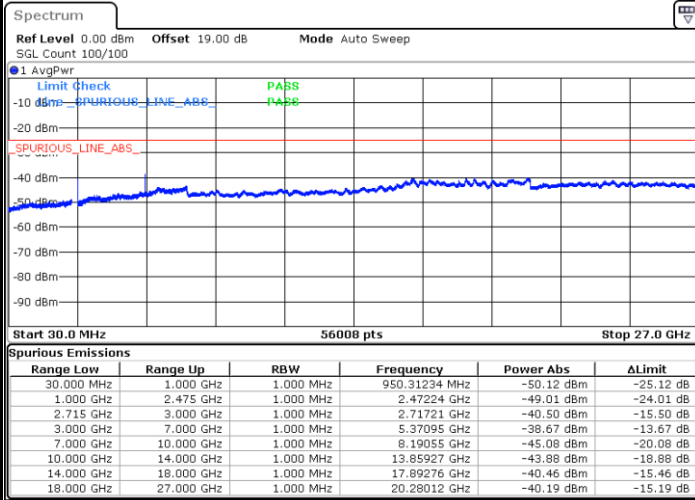
Conducted Spurious Emission





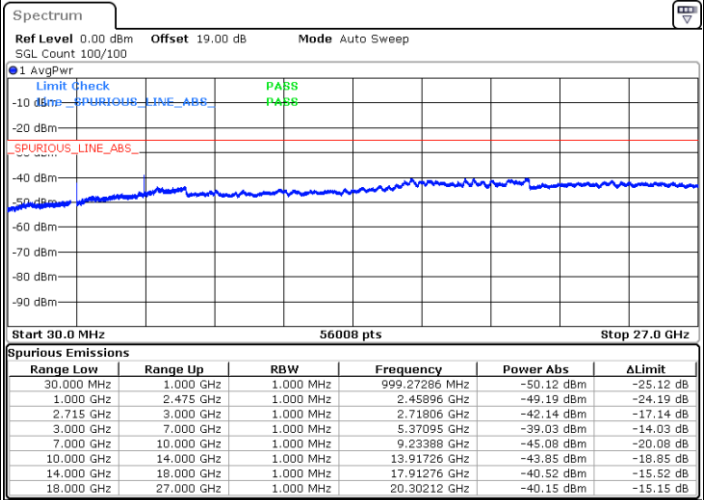
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 31.AUG.2020 01:57:34

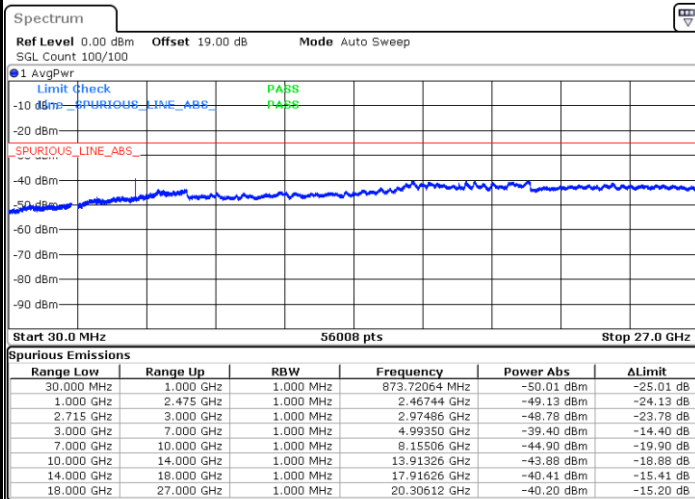
Highest Channel / 16QAM



Date: 31.AUG.2020 01:58:47

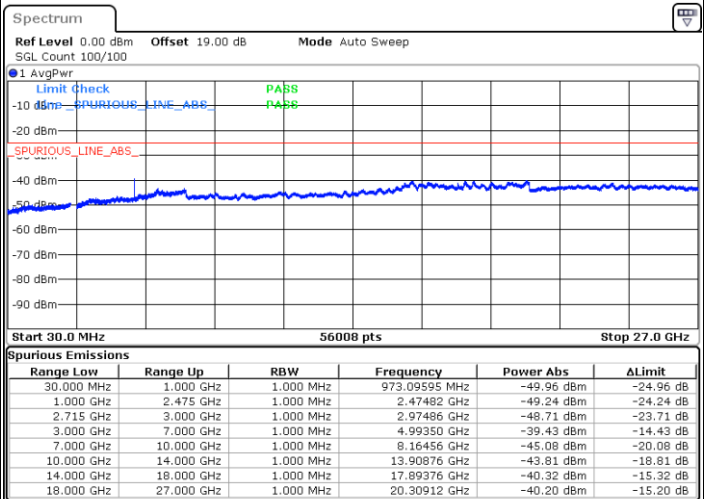
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 31.AUG.2020 02:16:57

Lowest Channel / 16QAM



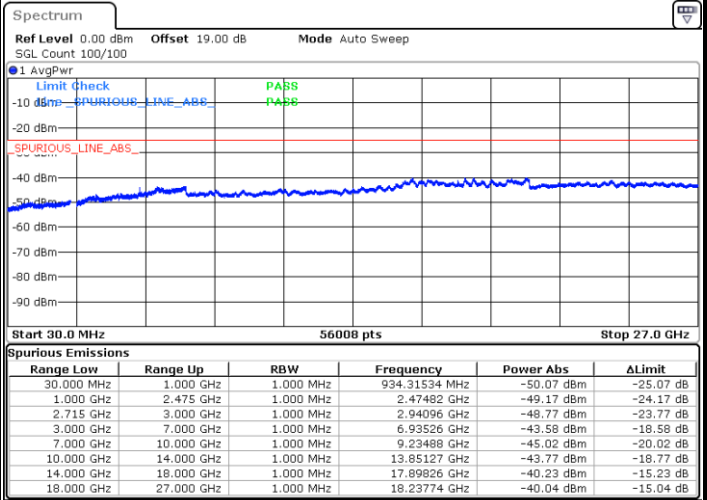
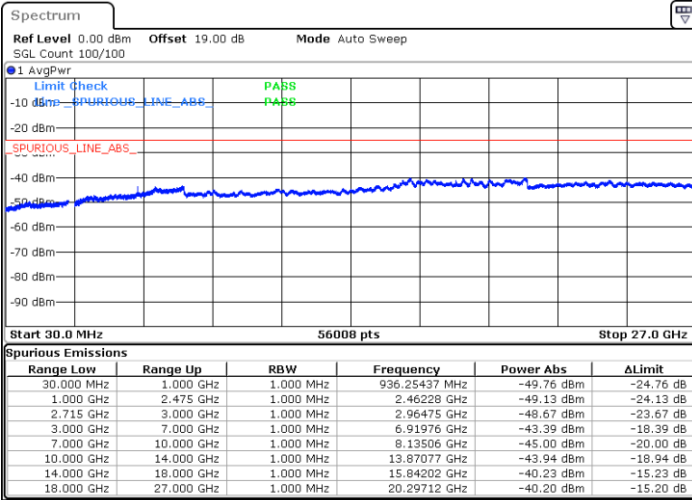
Date: 31.AUG.2020 02:18:21



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

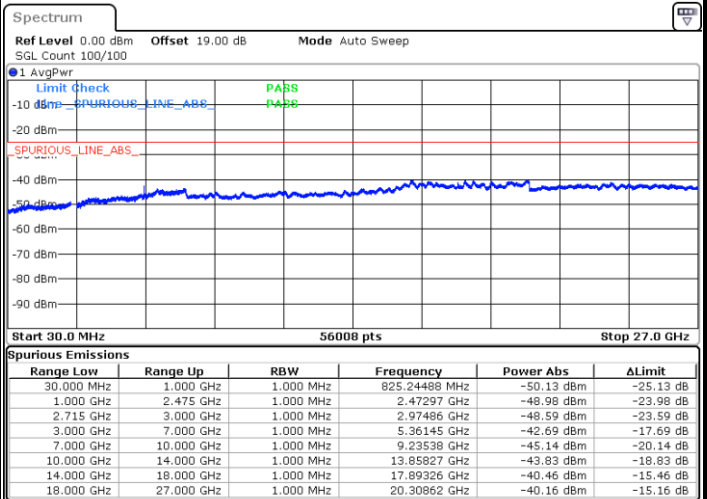
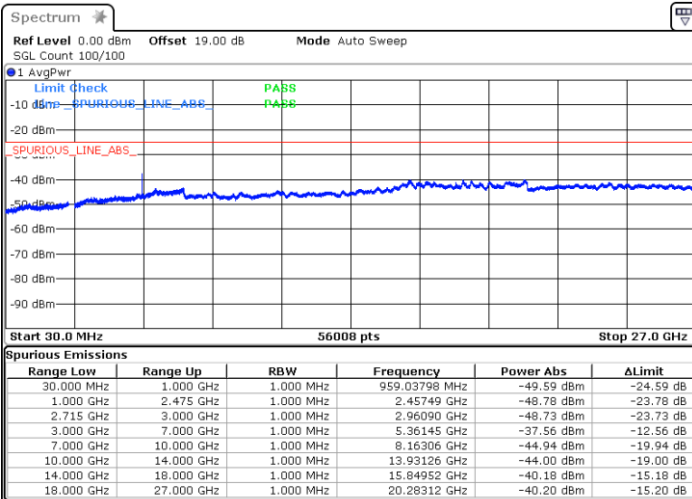


Date: 31.AUG.2020 02:23:20

Date: 31.AUG.2020 02:22:23

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 31.AUG.2020 02:29:13

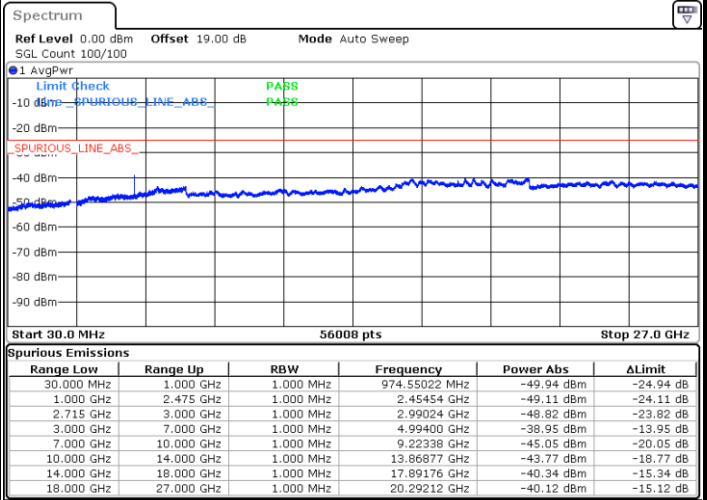
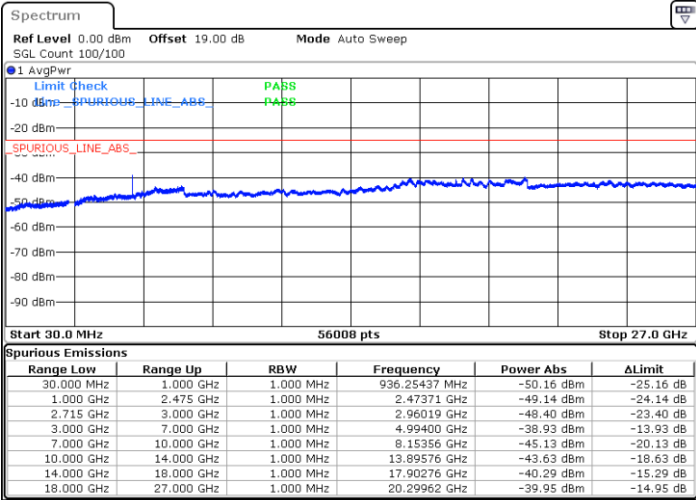
Date: 31.AUG.2020 02:30:08



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

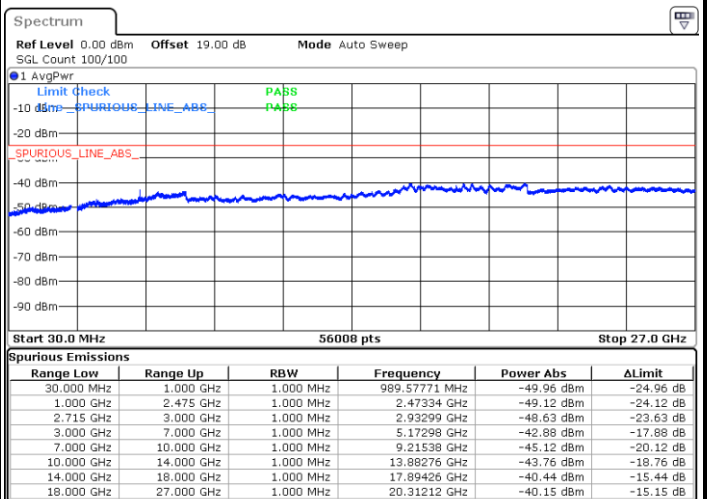
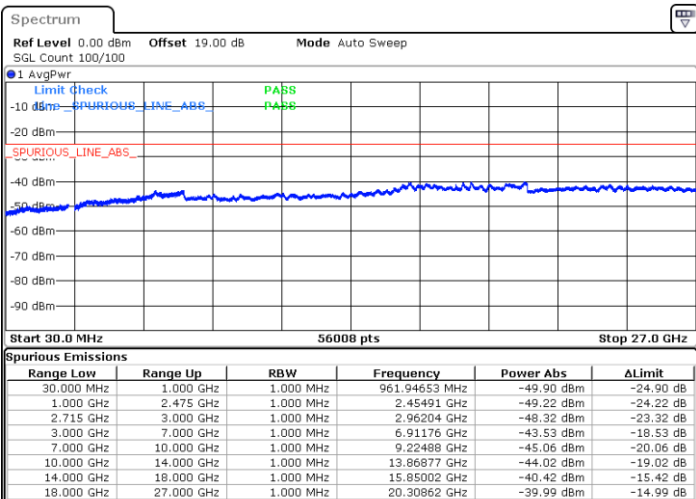


Date: 31.AUG.2020 02:48:49

Date: 31.AUG.2020 02:44:44

Middle Channel / QPSK

Middle Channel / 16QAM



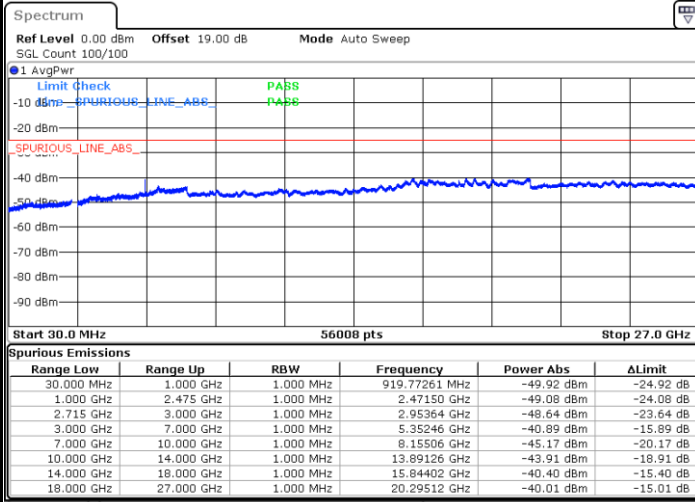
Date: 31.AUG.2020 03:05:18

Date: 31.AUG.2020 04:13:57



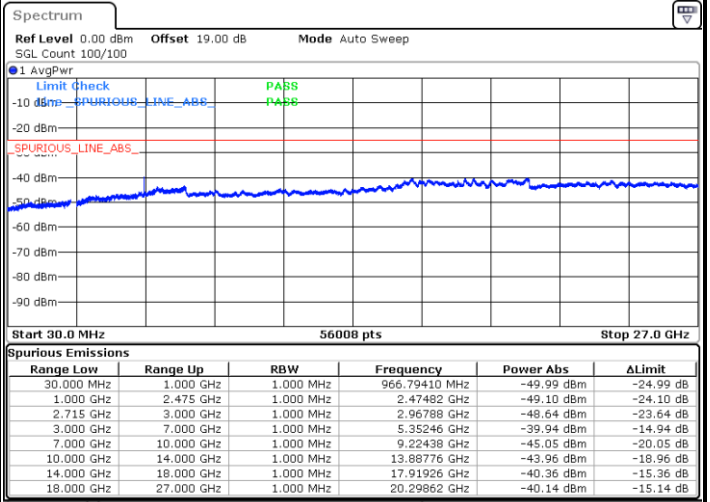
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 31.AUG.2020 03:18:40

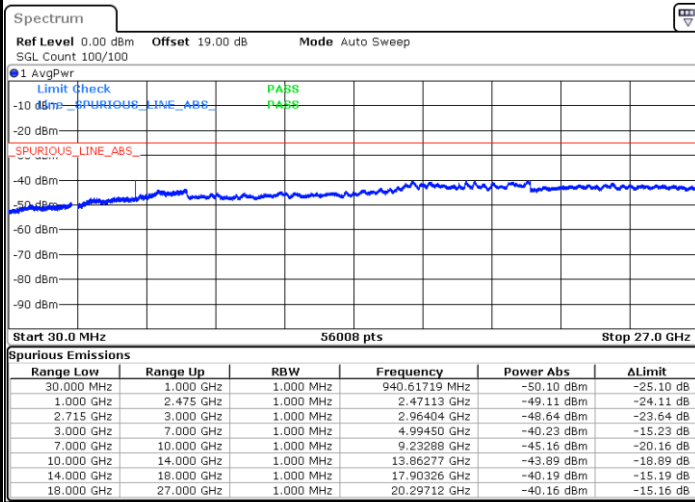
Highest Channel / 16QAM



Date: 31.AUG.2020 03:11:47

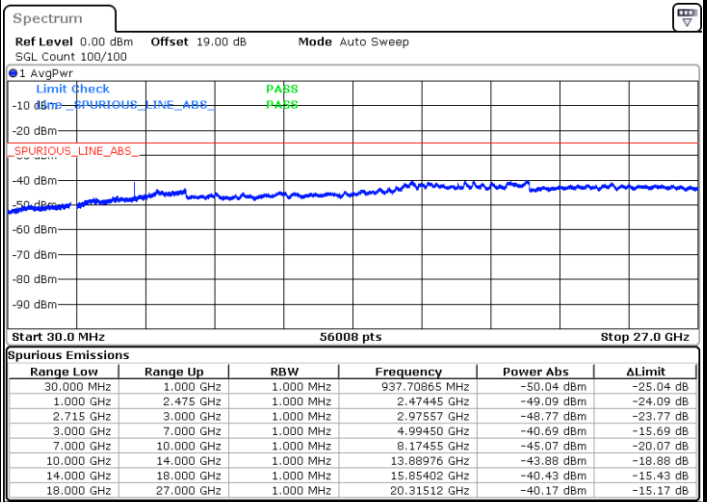
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 31.AUG.2020 03:22:38

Lowest Channel / 16QAM



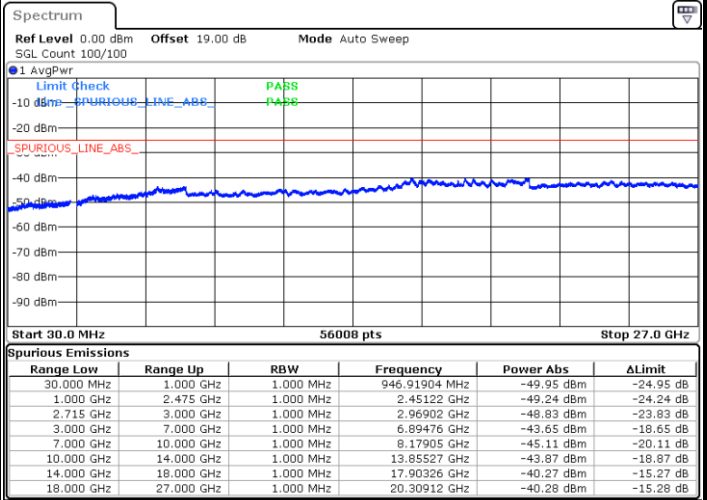
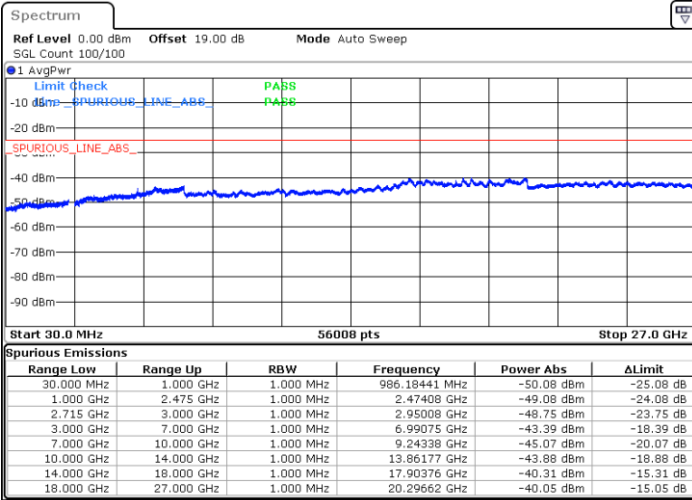
Date: 31.AUG.2020 03:25:25



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

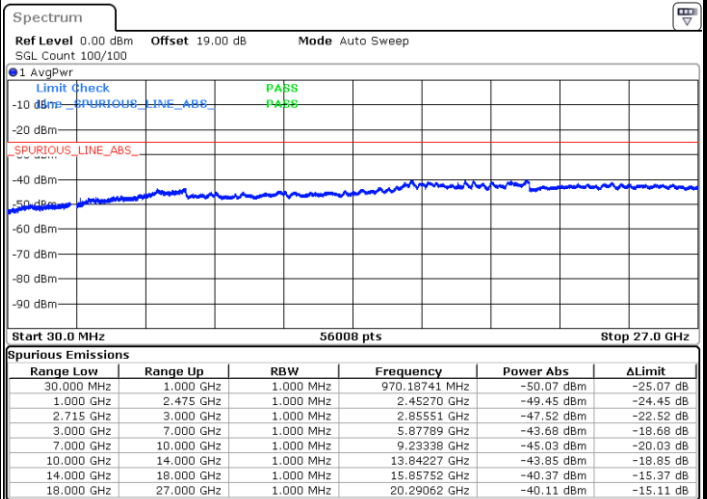
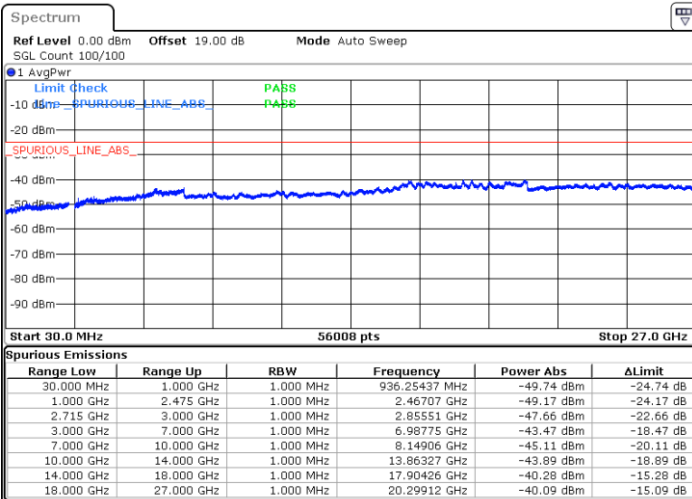


Date: 31.AUG.2020 03:32:48

Date: 31.AUG.2020 03:33:43

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 31.AUG.2020 03:43:08

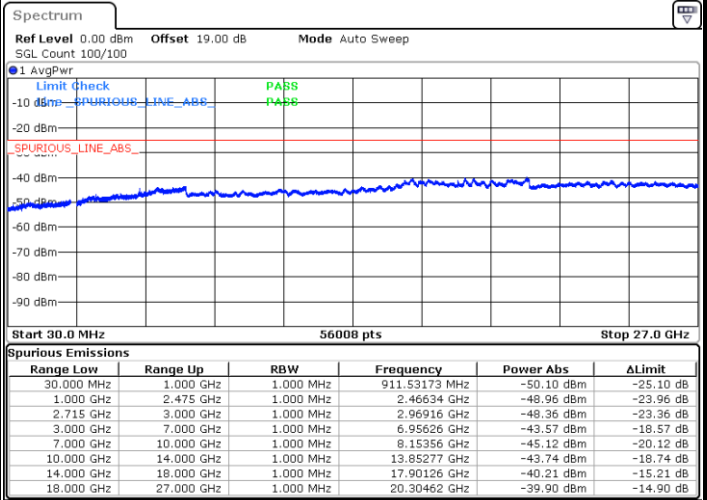
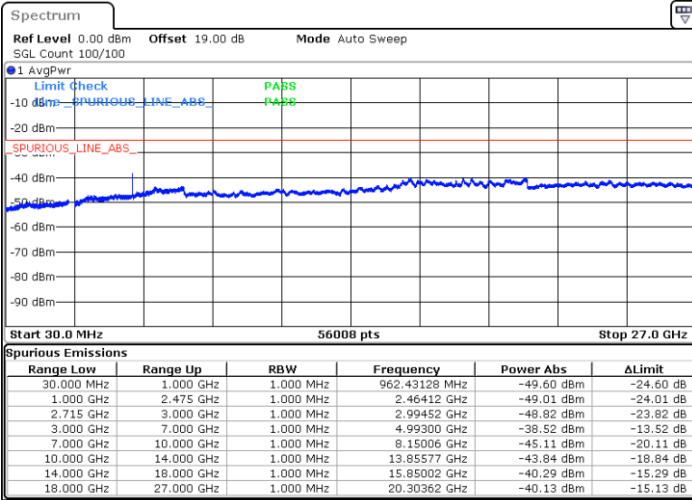
Date: 31.AUG.2020 03:44:03



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

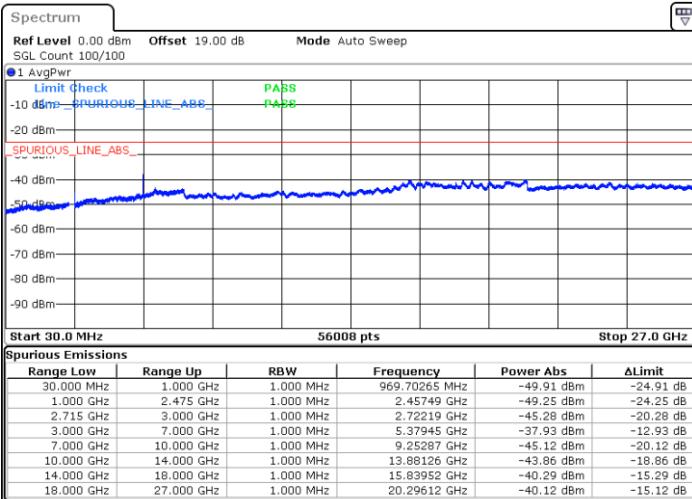
Middle Channel / 64QAM



Date: 31.AUG.2020 01:30:59

Date: 31.AUG.2020 01:47:16

Highest Channel / 64QAM



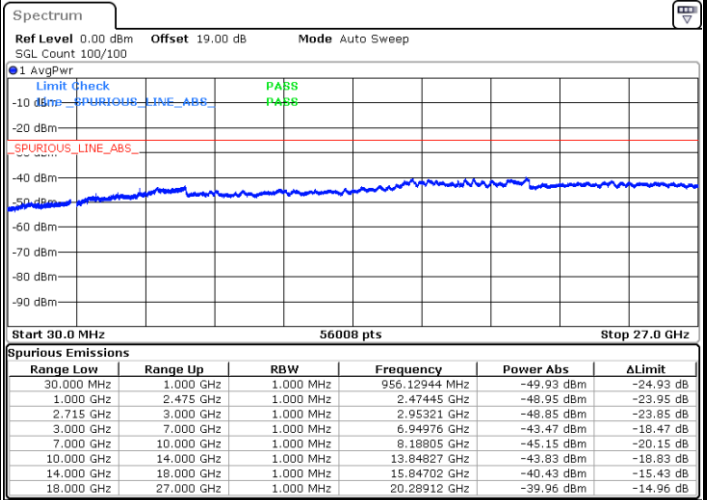
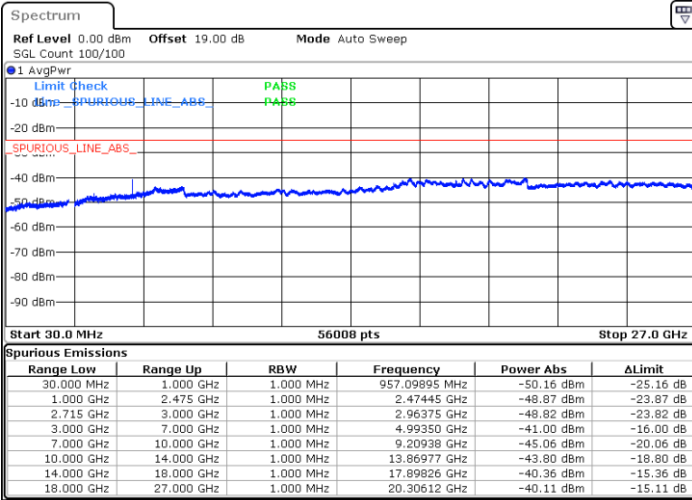
Date: 31.AUG.2020 02:07:56



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

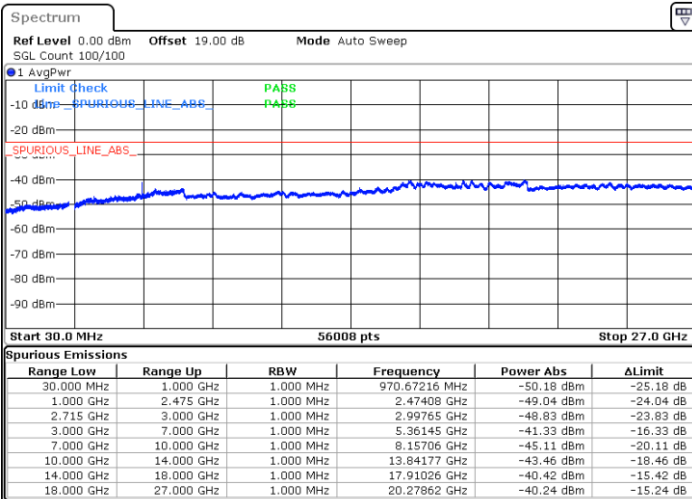
Middle Channel / 64QAM



Date: 31.AUG.2020 02:19:41

Date: 31.AUG.2020 02:21:20

Highest Channel / 64QAM



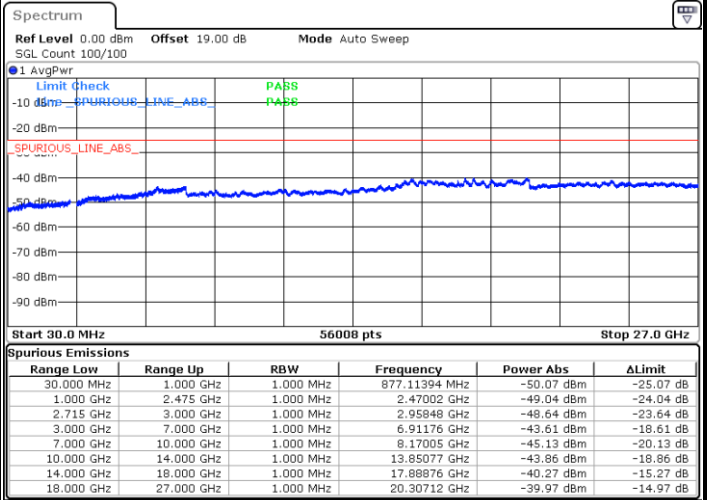
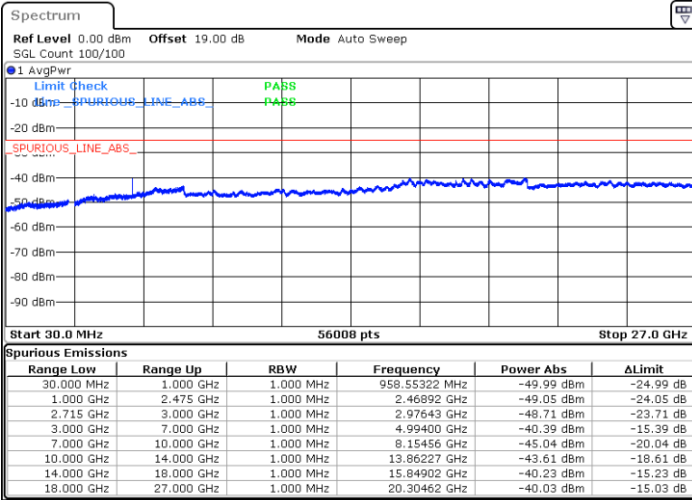
Date: 31.AUG.2020 02:36:46



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

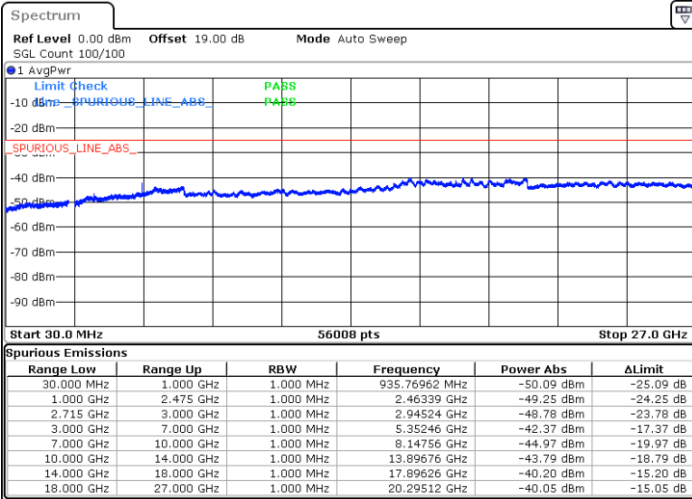
Middle Channel / 64QAM



Date: 31.AUG.2020 02:46:15

Date: 31.AUG.2020 02:53:08

Highest Channel / 64QAM



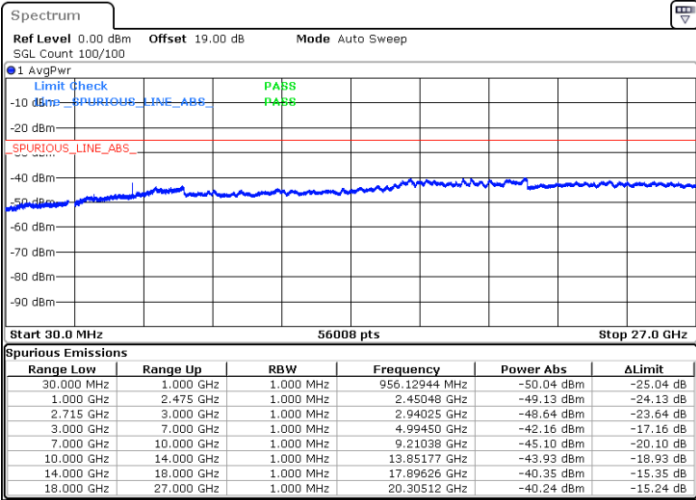
Date: 31.AUG.2020 03:10:45



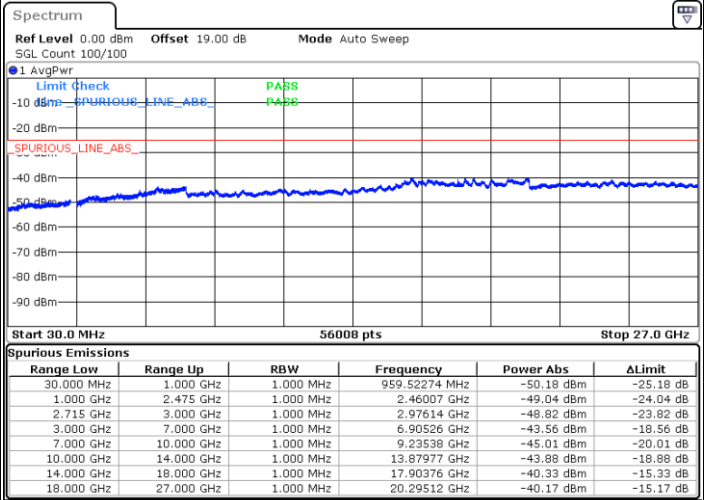
LTE Band 41 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

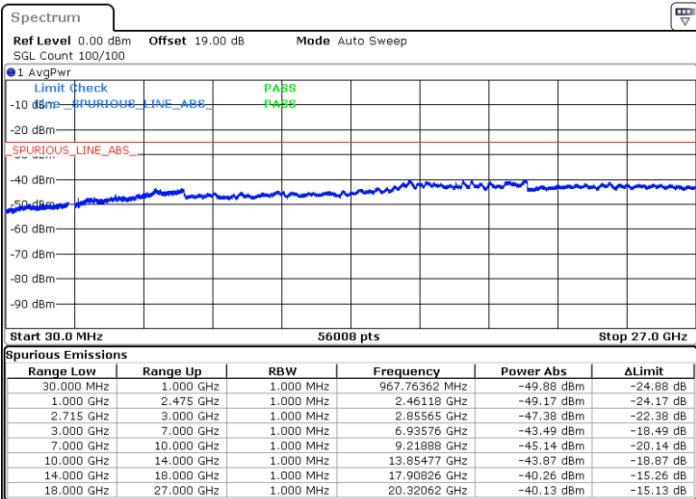


Date: 31.AUG.2020 03:27:25



Date: 31.AUG.2020 03:34:38

Highest Channel / 64QAM



Date: 31.AUG.2020 03:45:09



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	0.0025	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0031	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0032	
-30	Normal Voltage	0.0028	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0025	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: 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
Lowest CH	24.88	25.13	29.91	25.23	30.57
Middle CH	24.83	25.13	29.79	25.18	30.57
Highest CH	24.68	25.13	29.67	25.28	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.76	24.93	30.03	35.04	39.88
Middle CH	34.90	24.93	30.21	34.90	39.96
Highest CH	34.76	24.98	30.09	34.97	39.80

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.63	25.23	29.97	24.98	30.69
Middle CH	24.73	25.08	29.85	25.33	30.51
Highest CH	24.73	25.08	29.91	25.03	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.93	30.15	34.90	39.80
Middle CH	34.69	24.88	29.97	34.83	39.88
Highest CH	34.76	25.03	29.91	34.90	39.72

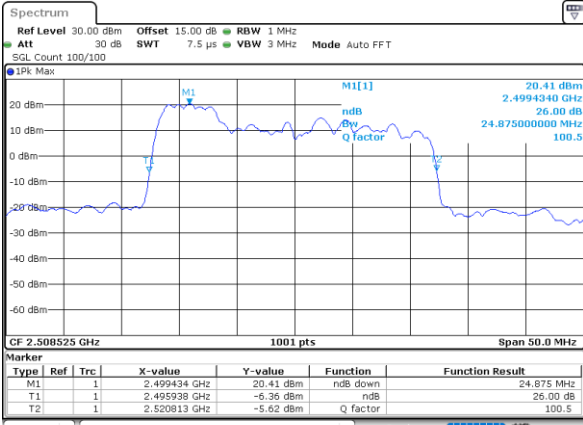
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.78	25.23	29.85	25.28	30.57
Middle CH	24.78	25.08	29.91	25.28	30.51
Highest CH	24.73	25.08	29.73	25.28	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.76	24.73	30.03	34.90	39.80
Middle CH	34.83	24.98	29.85	34.83	39.64
Highest CH	34.90	24.98	30.03	34.90	39.96



LTE Band 41C

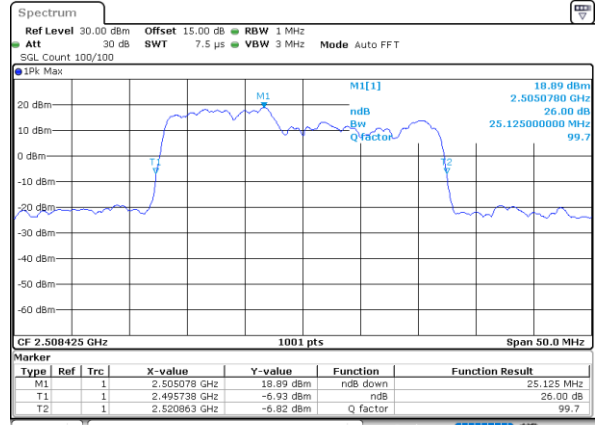
QPSK

Lowest Channel / 5MHz+20MHz



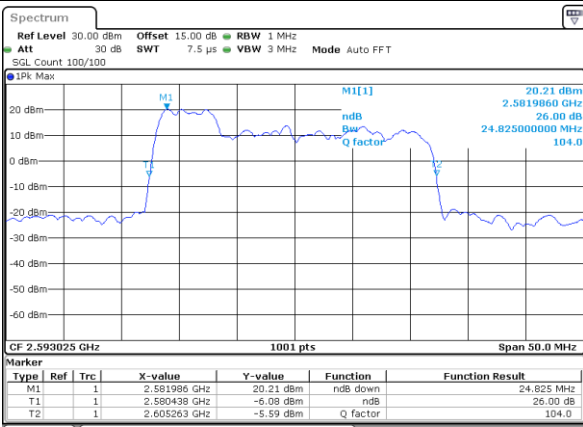
Date: 29_AUG.2020 21:45:04

Lowest Channel / 10MHz+15MHz



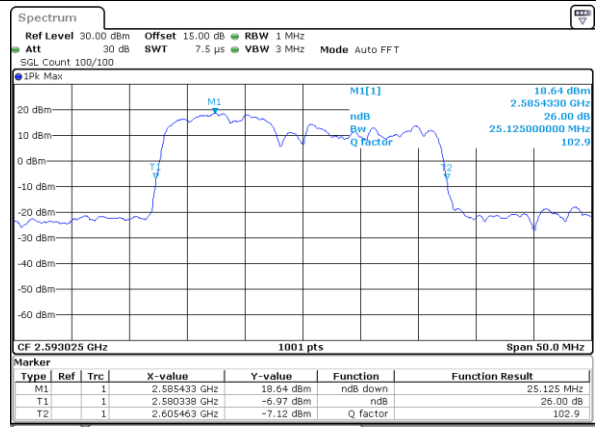
Date: 29_AUG.2020 22:10:16

Middle Channel / 5MHz+20MHz



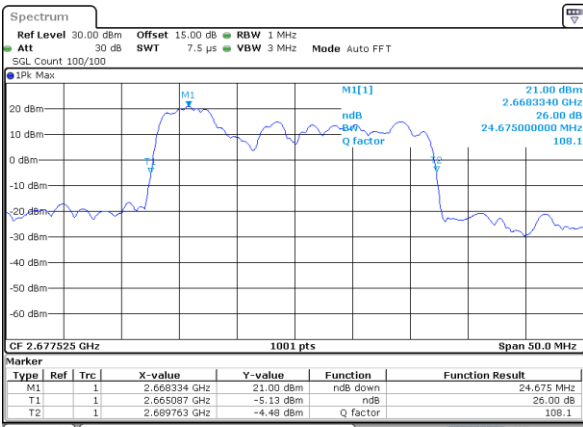
Date: 29_AUG.2020 21:48:44

Middle Channel / 10MHz+15MHz



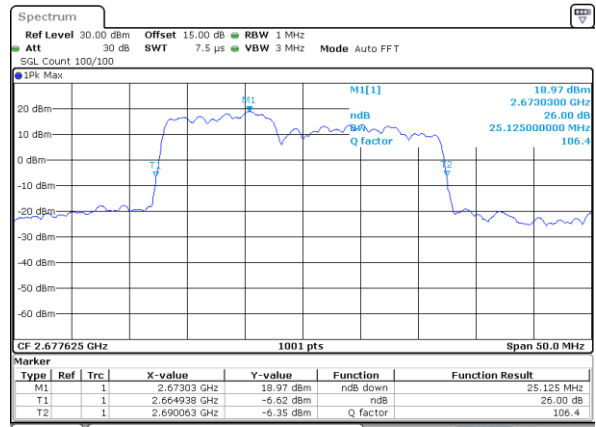
Date: 29_AUG.2020 22:17:23

Highest Channel / 5MHz+20MHz



Date: 29_AUG.2020 21:50:11

Highest Channel / 10MHz+15MHz



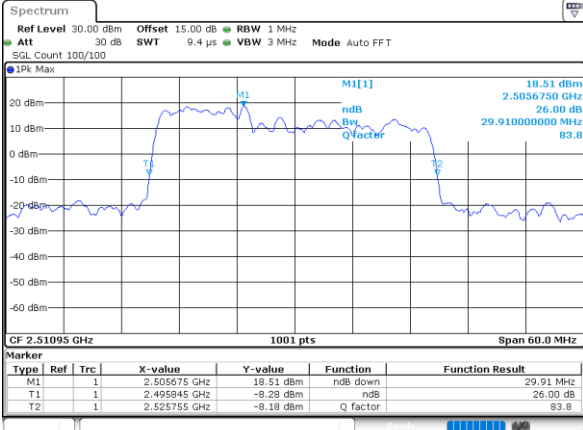
Date: 29_AUG.2020 22:21:15



LTE Band 41C

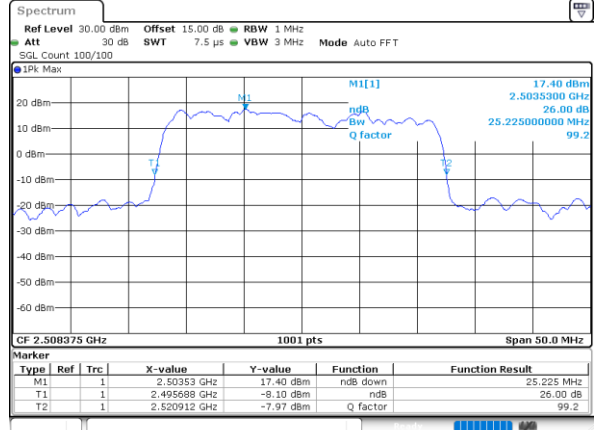
QPSK

Lowest Channel / 10MHz+20MHz



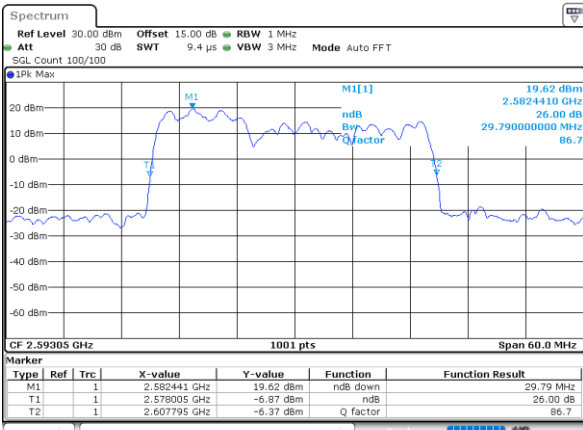
Date: 29_AUG.2020 22:13:44

Lowest Channel / 15MHz+10MHz



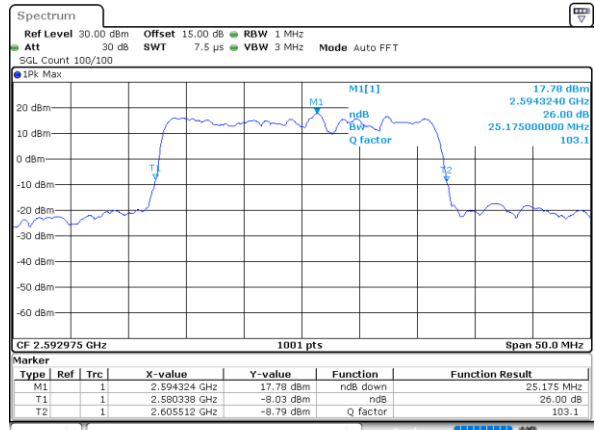
Date: 29_AUG.2020 22:13:32

Middle Channel / 10MHz+20MHz



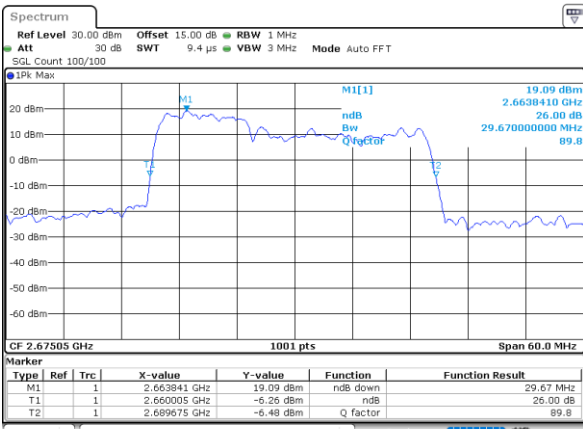
Date: 29_AUG.2020 22:43:38

Middle Channel / 15MHz+10MHz



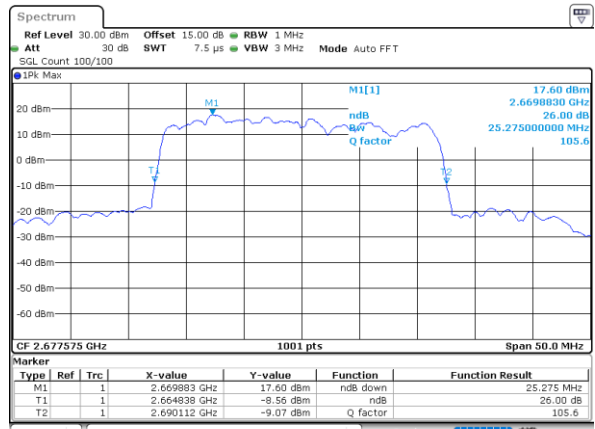
Date: 29_AUG.2020 22:13:53

Highest Channel / 10MHz+20MHz



Date: 29_AUG.2020 22:45:58

Highest Channel / 15MHz+10MHz



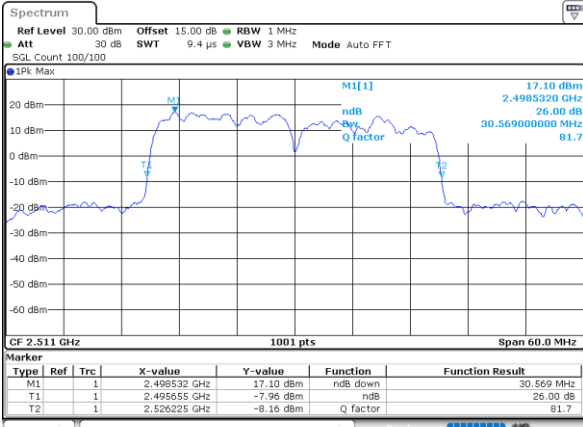
Date: 29_AUG.2020 22:13:10



LTE Band 41C

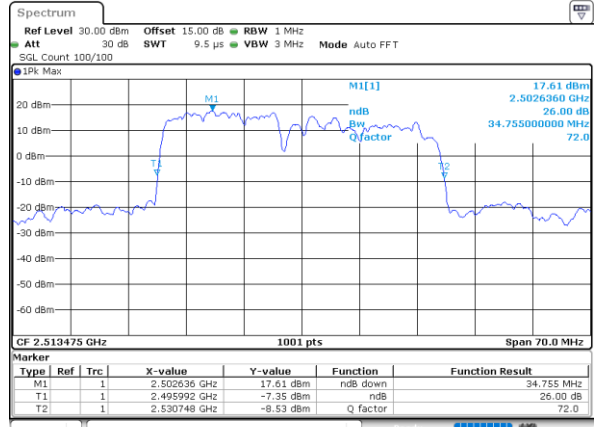
QPSK

Lowest Channel / 15MHz+15MHz



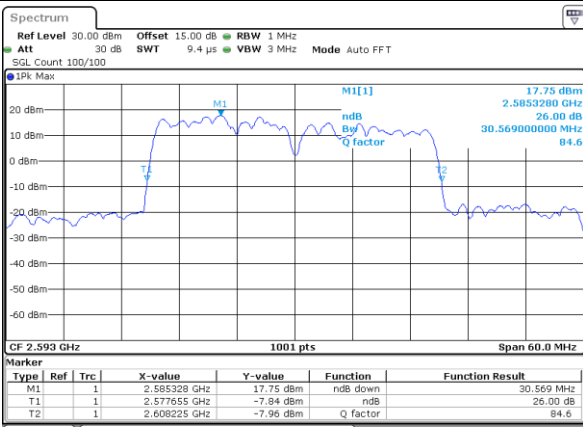
Date: 29_AUG.2020 23:01:40

Lowest Channel / 15MHz+20MHz



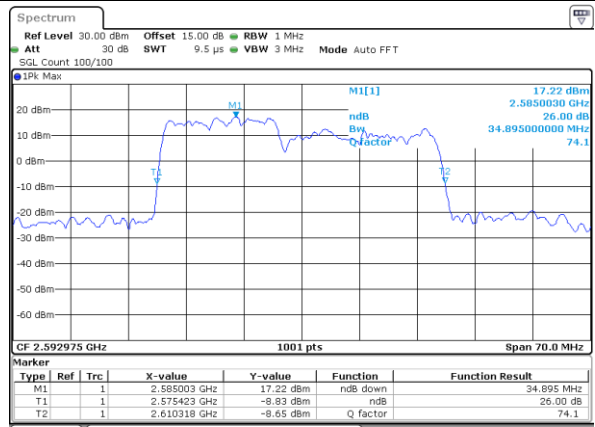
Date: 29_AUG.2020 23:13:58

Middle Channel / 15MHz+15MHz



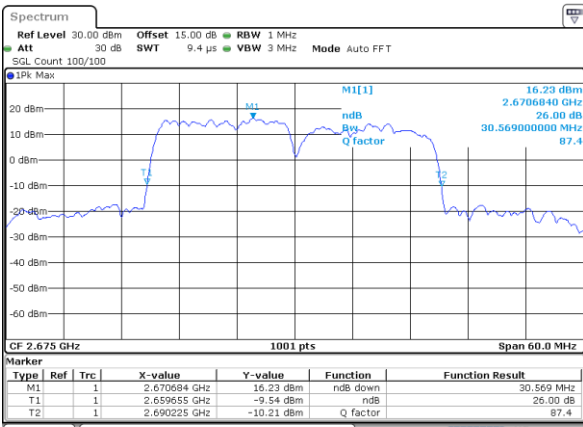
Date: 29_AUG.2020 23:05:21

Middle Channel / 15MHz+20MHz



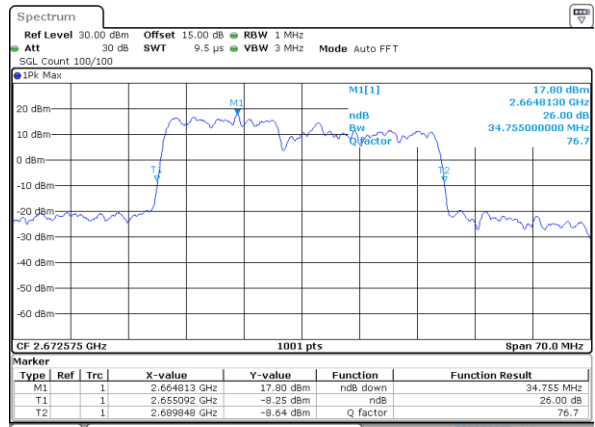
Date: 29_AUG.2020 23:14:46

Highest Channel / 15MHz+15MHz



Date: 29_AUG.2020 23:07:18

Highest Channel / 15MHz+20MHz



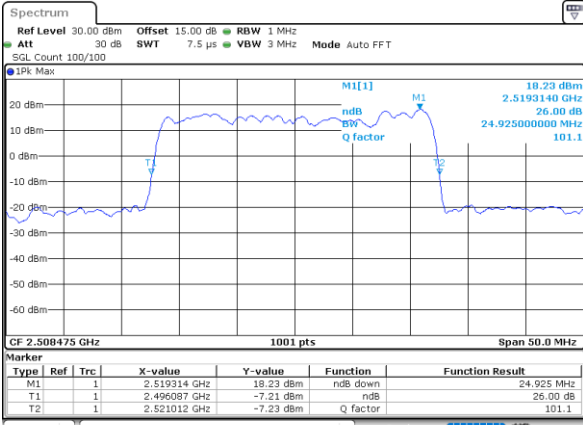
Date: 29_AUG.2020 23:14:06



LTE Band 41C

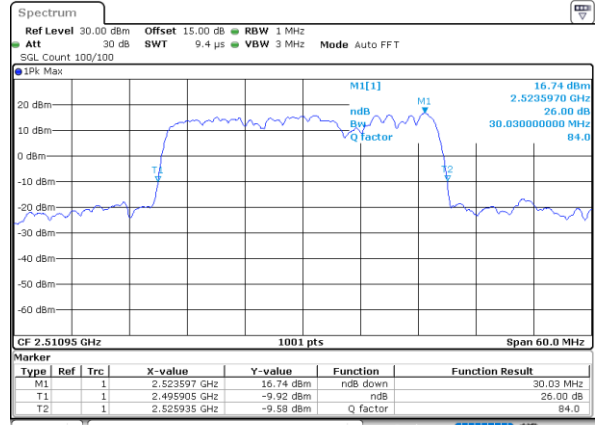
QPSK

Lowest Channel / 20MHz+5MHz



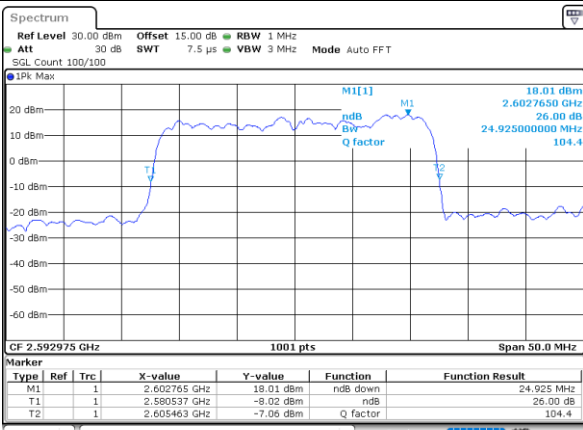
Date: 29_AUG.2020 21:55:26

Lowest Channel / 20MHz+10MHz



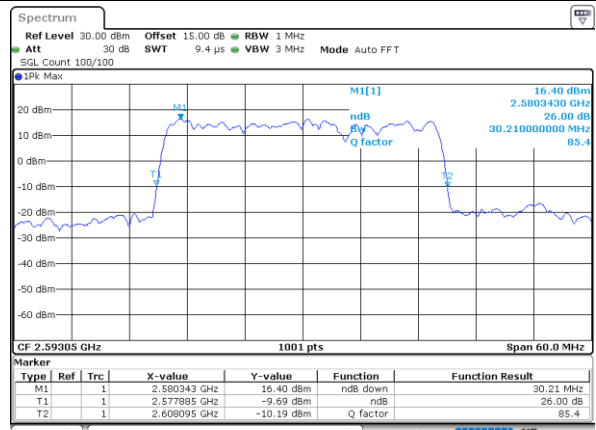
Date: 29_AUG.2020 22:50:34

Middle Channel / 20MHz+5MHz



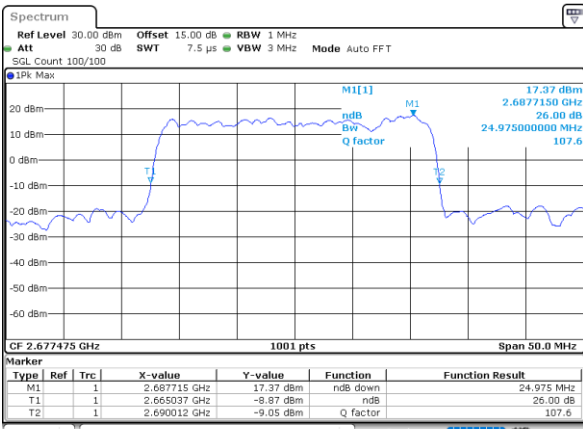
Date: 29_AUG.2020 21:56:36

Middle Channel / 20MHz+10MHz



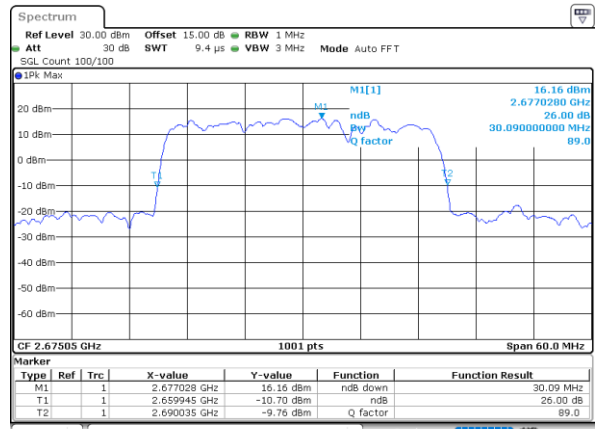
Date: 29_AUG.2020 22:51:48

Highest Channel / 20MHz+5MHz



Date: 29_AUG.2020 22:00:39

Highest Channel / 20MHz+10MHz



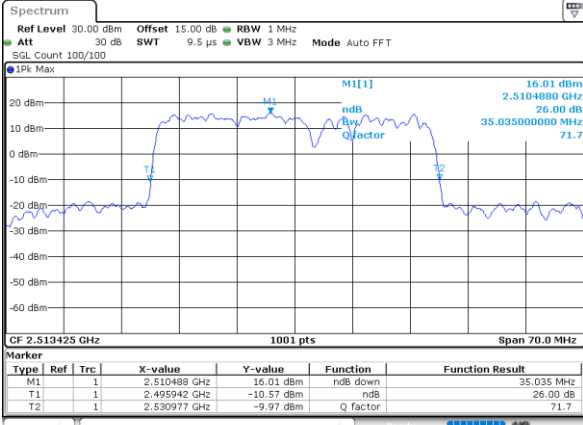
Date: 29_AUG.2020 22:55:58



LTE Band 41C

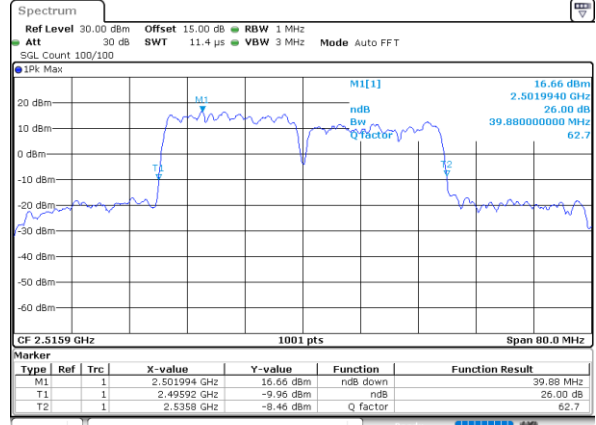
QPSK

Lowest Channel / 20MHz+15MHz



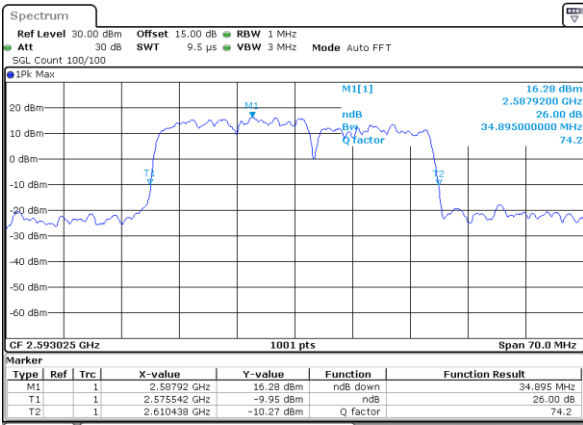
Date: 29_AUG.2020 23:53:01

Lowest Channel / 20MHz+20MHz



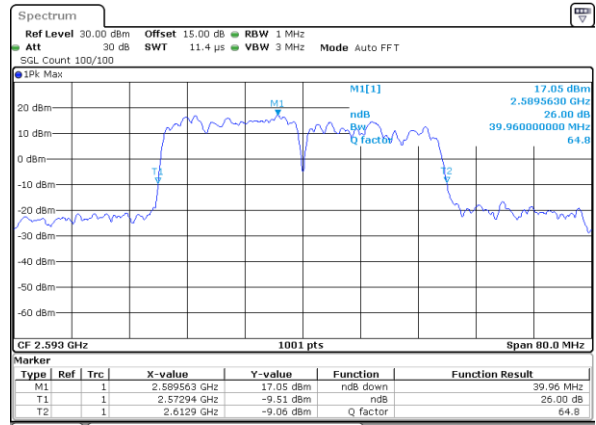
Date: 30_AUG.2020 00:00:23

Middle Channel / 20MHz+15MHz



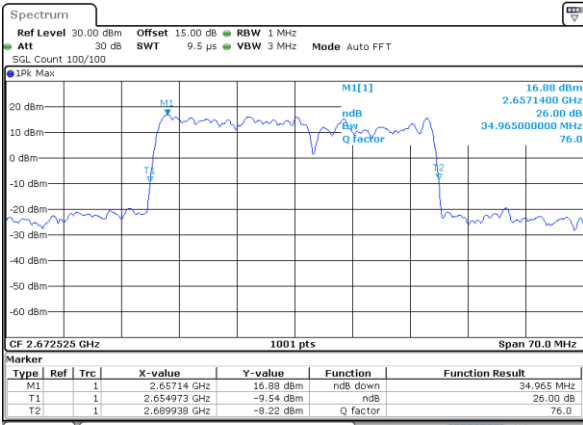
Date: 29_AUG.2020 23:54:58

Middle Channel / 20MHz+20MHz



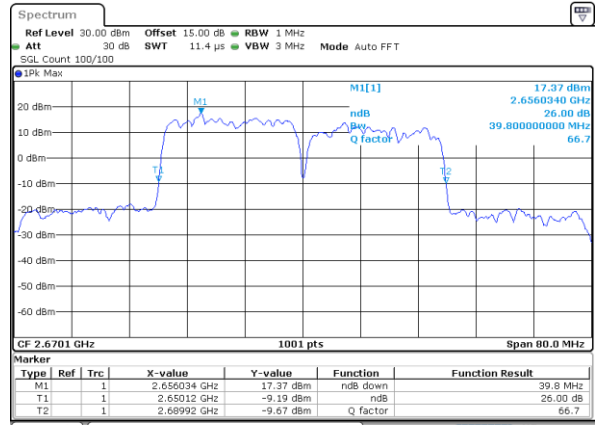
Date: 30_AUG.2020 00:03:31

Highest Channel / 20MHz+15MHz



Date: 29_AUG.2020 23:59:03

Highest Channel / 20MHz+20MHz



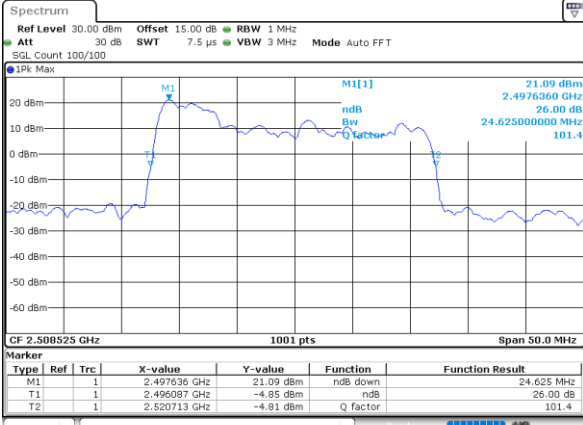
Date: 30_AUG.2020 00:04:23



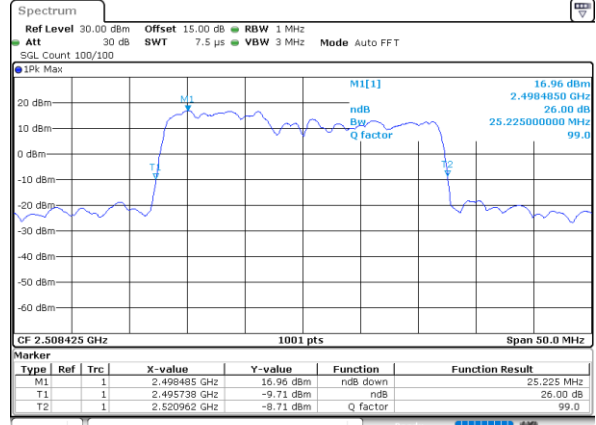
LTE Band 41C

16QAM

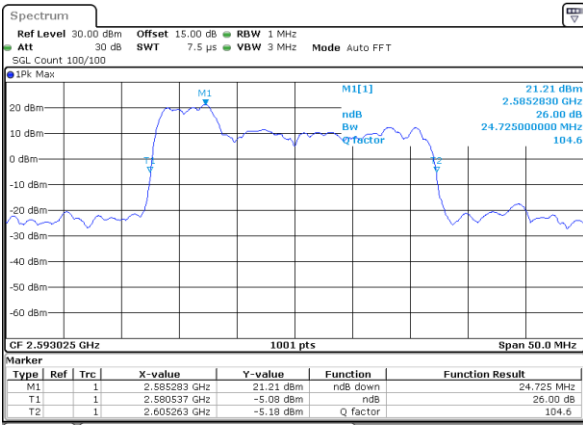
Lowest Channel / 5MHz+20MHz



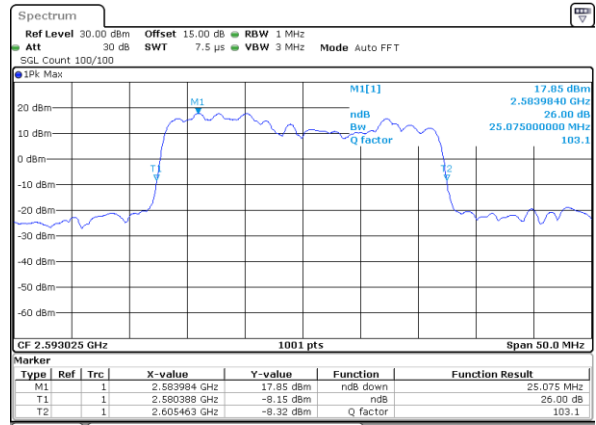
Lowest Channel / 10MHz+15MHz



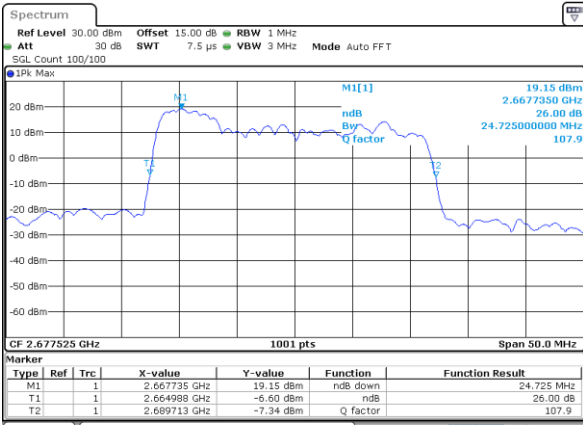
Middle Channel / 5MHz+20MHz



Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

