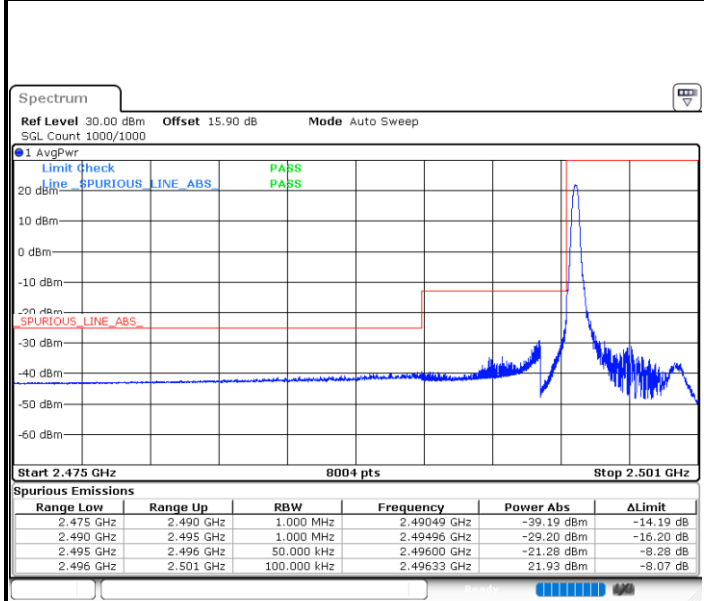




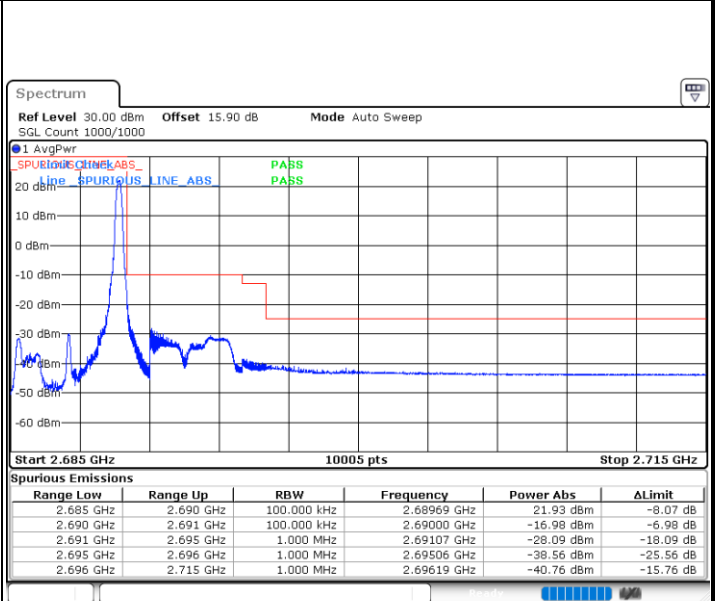
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

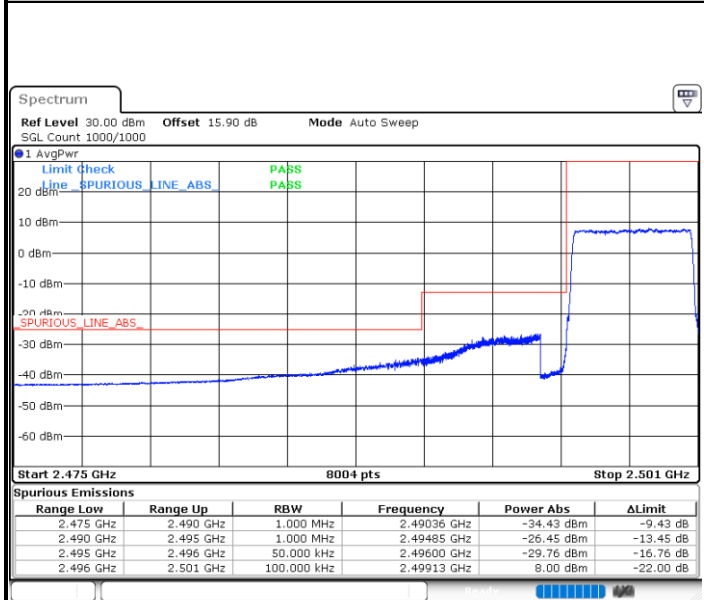
Lowest Band Edge / 1 RB



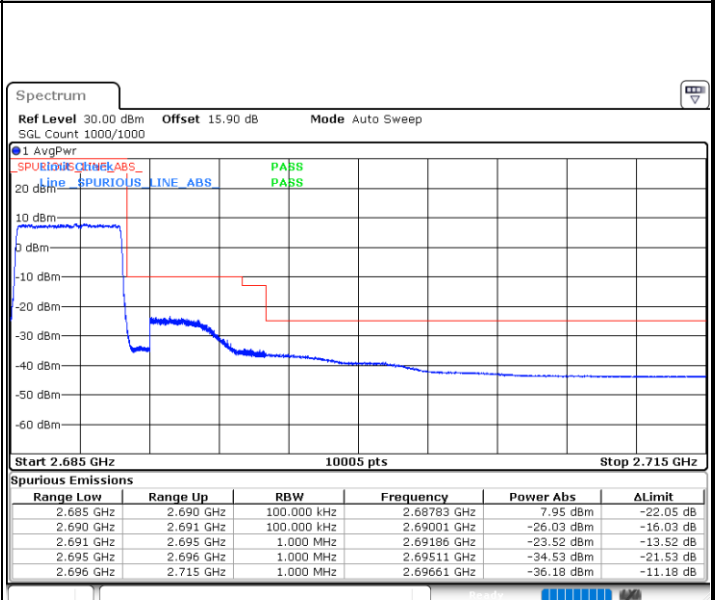
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



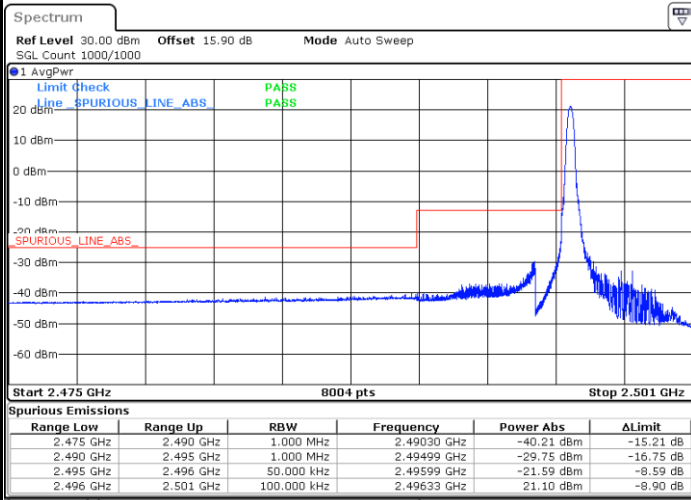
Highest Band Edge / Full RB





LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



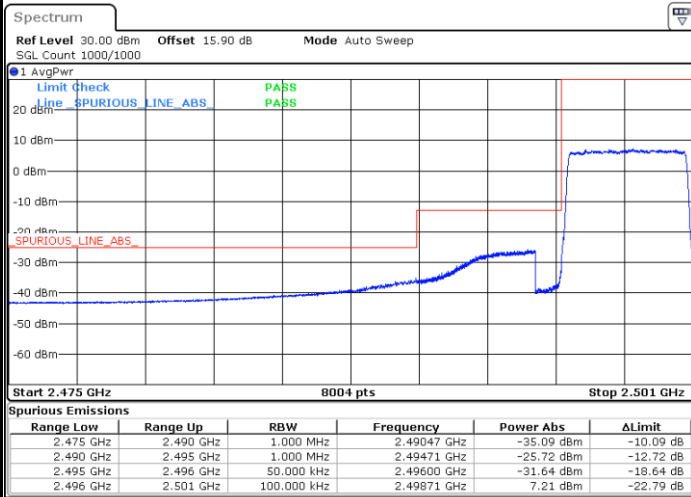
Date: 6.MAR.2020 18:42:00

Highest Band Edge / 1 RB



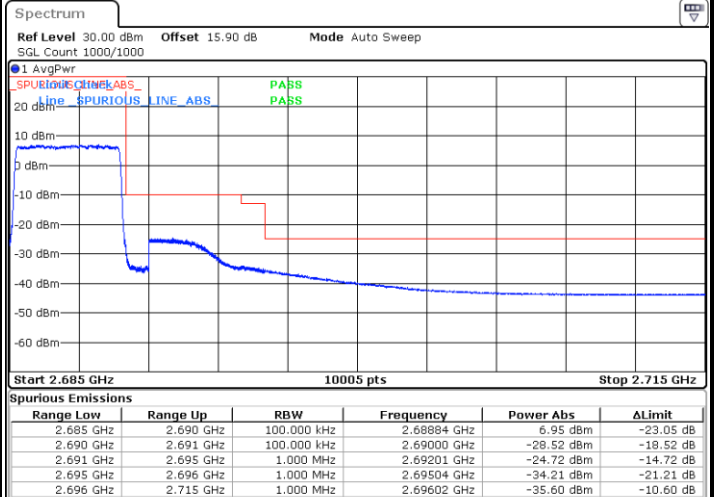
Date: 6.MAR.2020 20:06:31

Lowest Band Edge / Full RB



Date: 6.MAR.2020 18:46:40

Highest Band Edge / Full RB

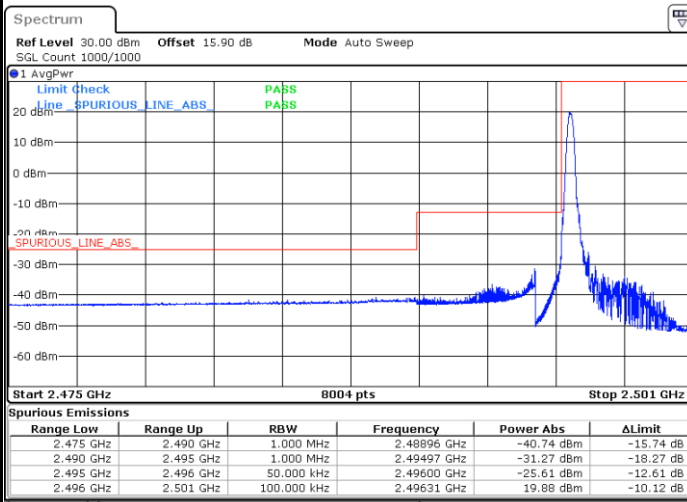


Date: 6.MAR.2020 20:11:10



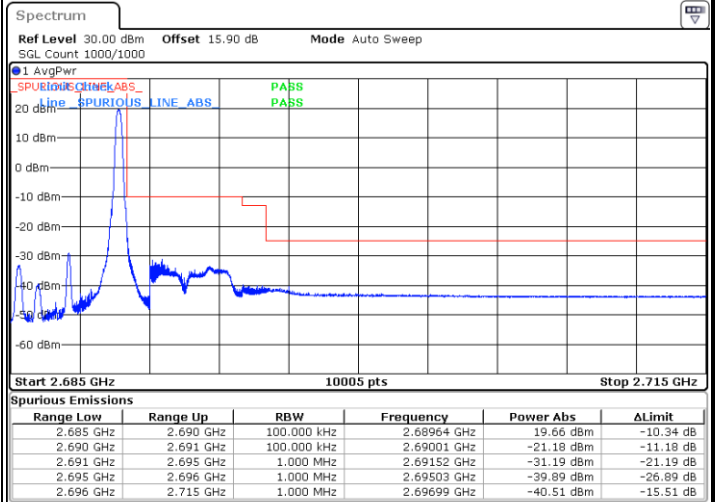
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



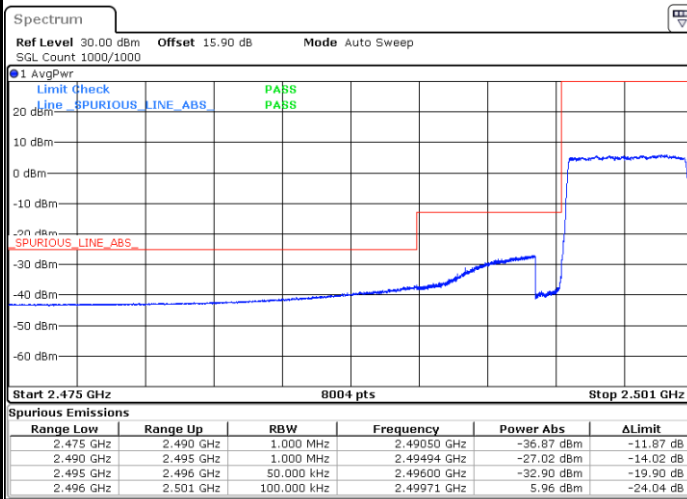
Date: 6.MAR.2020 18:49:00

Highest Band Edge / 1 RB



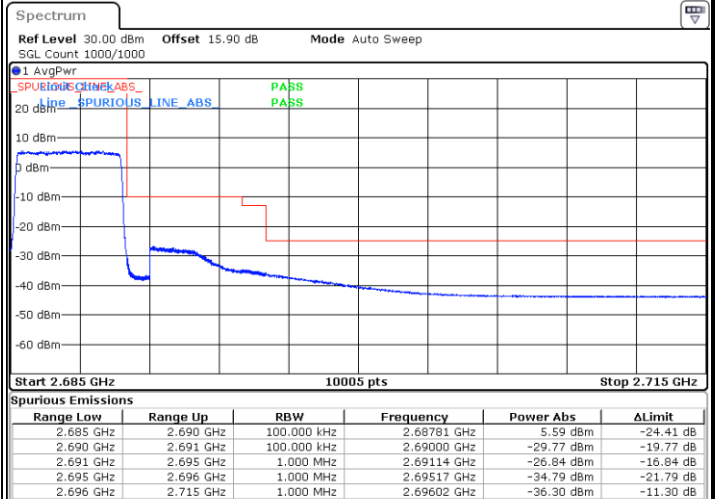
Date: 6.MAR.2020 20:13:30

Lowest Band Edge / Full RB



Date: 6.MAR.2020 18:51:20

Highest Band Edge / Full RB

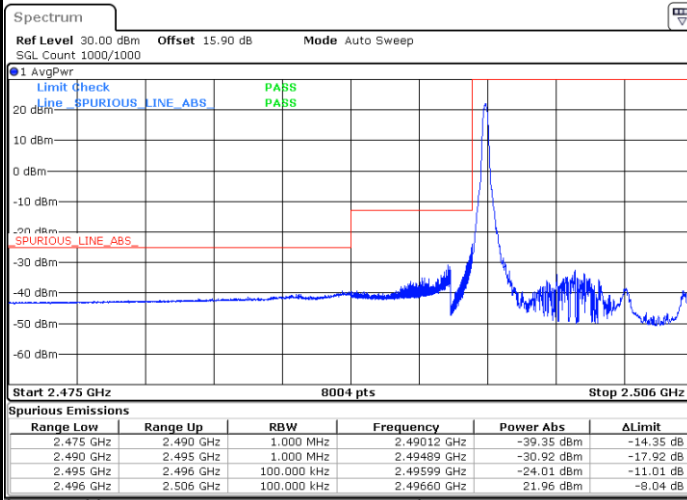


Date: 6.MAR.2020 20:15:49



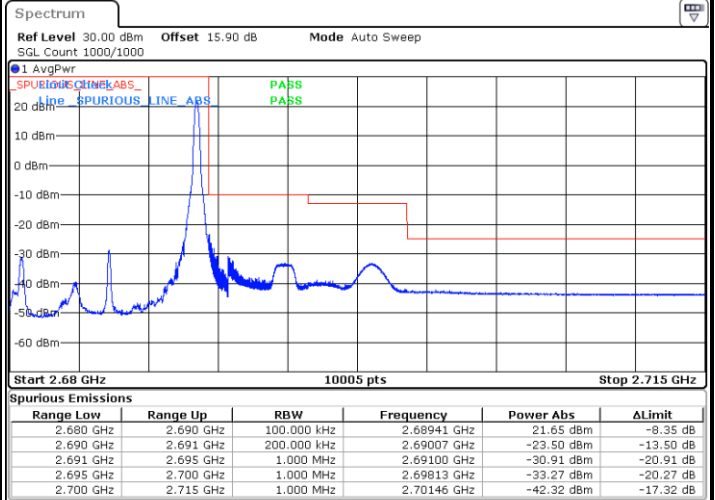
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



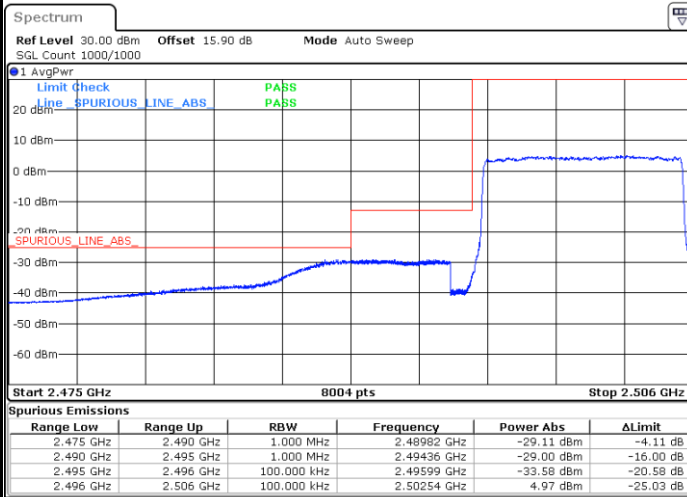
Date: 6.MAR.2020 18:53:41

Highest Band Edge / 1 RB



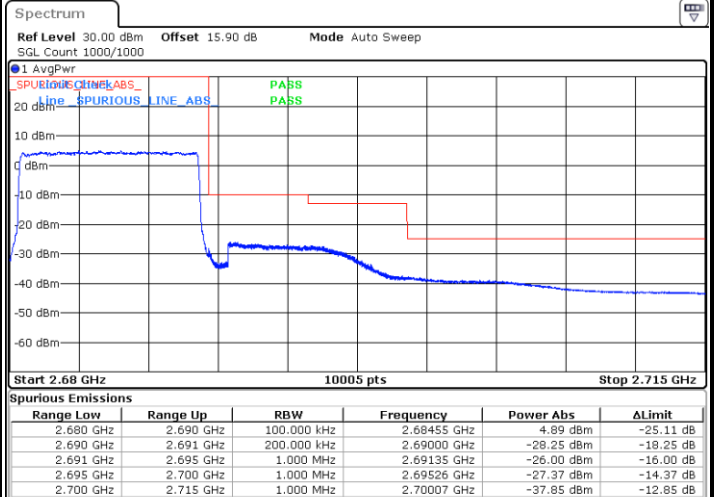
Date: 6.MAR.2020 20:18:10

Lowest Band Edge / Full RB



Date: 6.MAR.2020 18:58:20

Highest Band Edge / Full RB

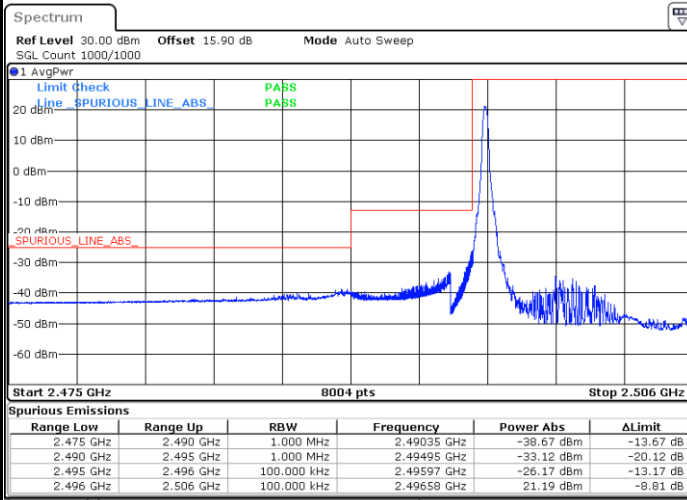


Date: 6.MAR.2020 20:22:49



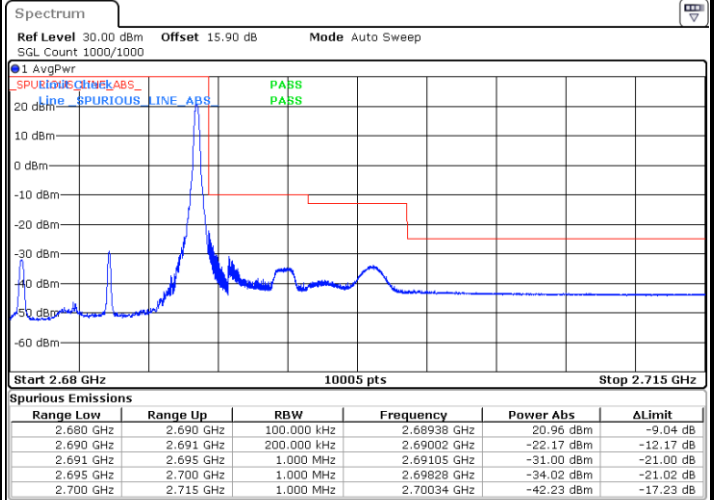
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



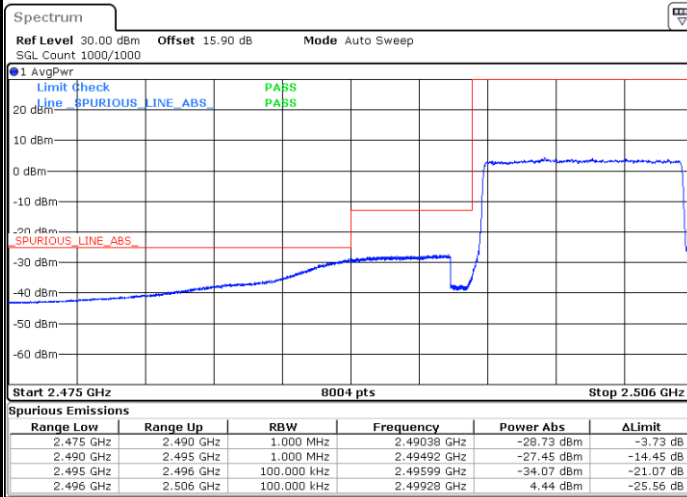
Date: 6.MAR.2020 18:56:00

Highest Band Edge / 1 RB



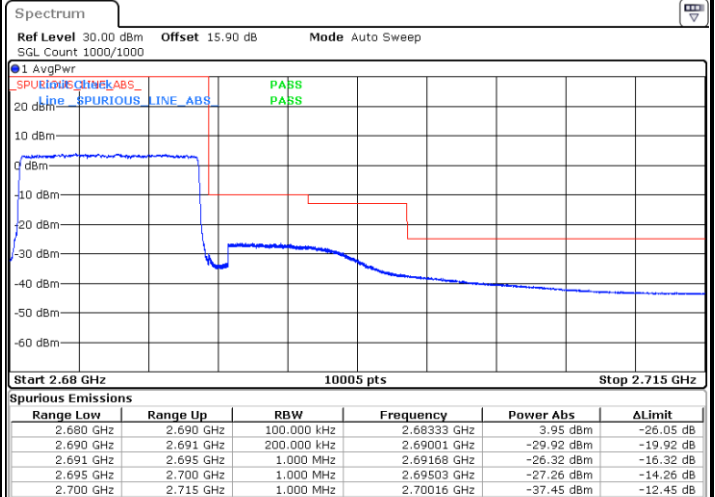
Date: 6.MAR.2020 20:20:29

Lowest Band Edge / Full RB



Date: 6.MAR.2020 19:00:40

Highest Band Edge / Full RB

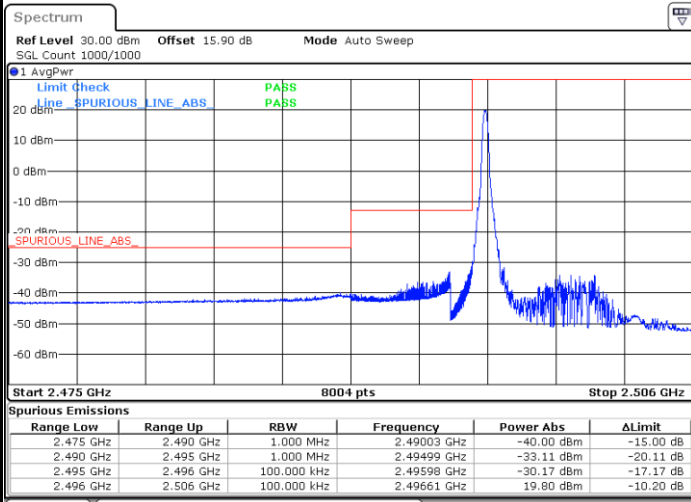


Date: 6.MAR.2020 20:25:08



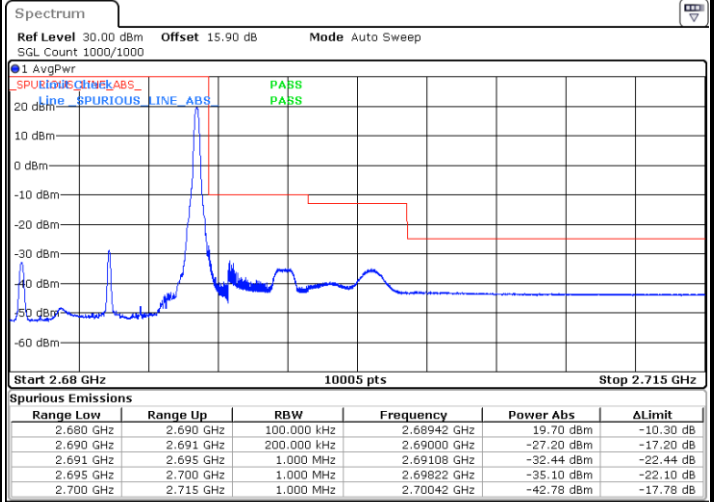
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



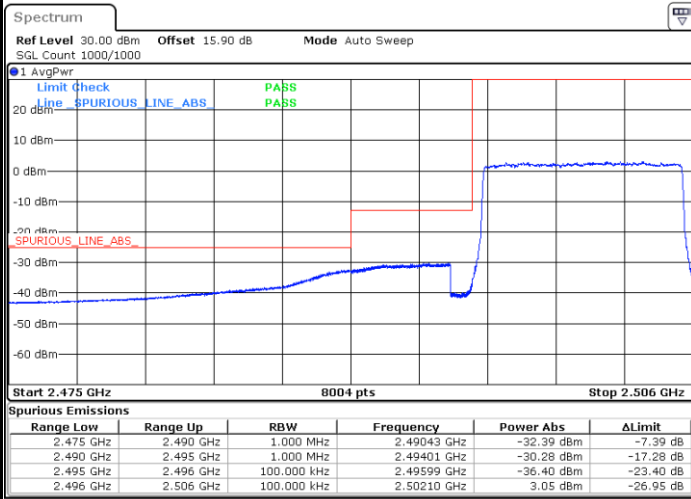
Date: 6.MAR.2020 19:03:00

Highest Band Edge / 1 RB



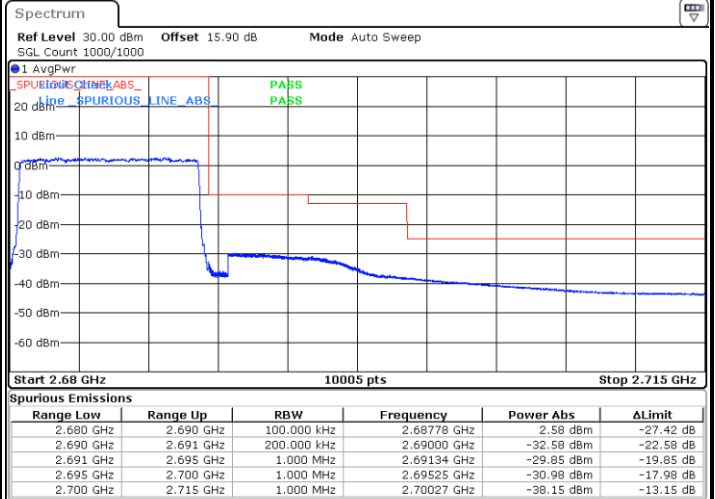
Date: 6.MAR.2020 20:27:28

Lowest Band Edge / Full RB



Date: 6.MAR.2020 19:05:20

Highest Band Edge / Full RB

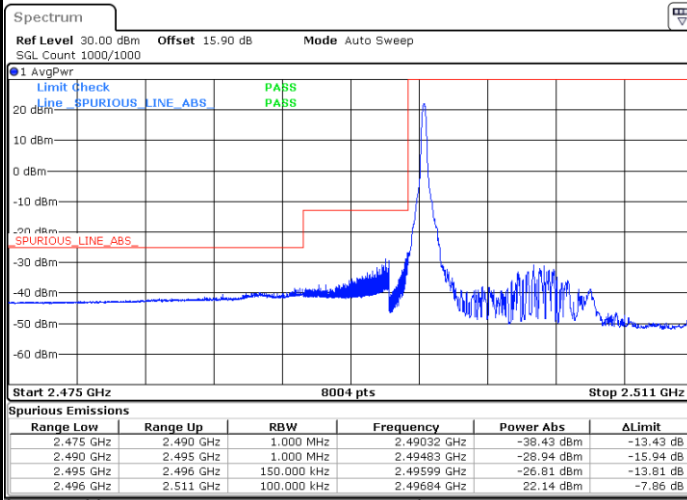


Date: 6.MAR.2020 20:29:48



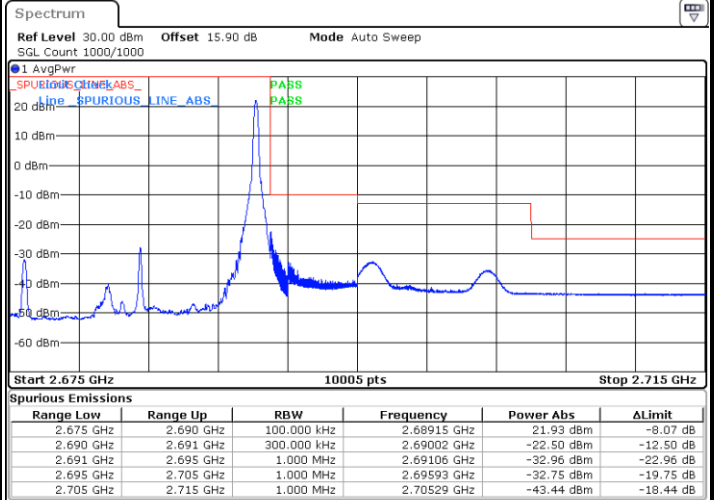
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



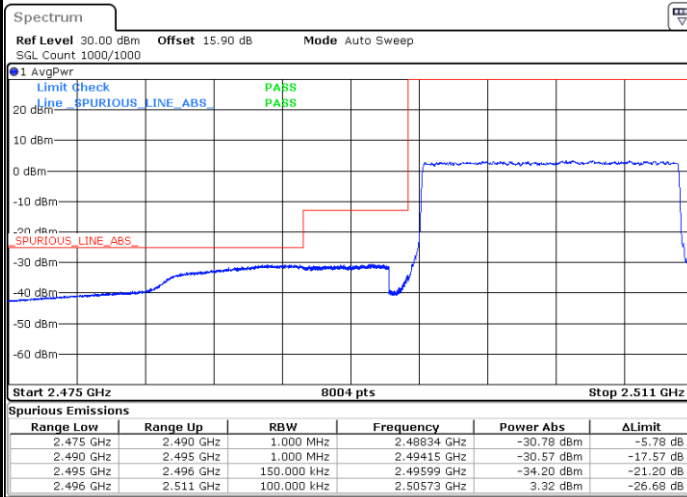
Date: 6.MAR.2020 19:12:20

Highest Band Edge / 1 RB



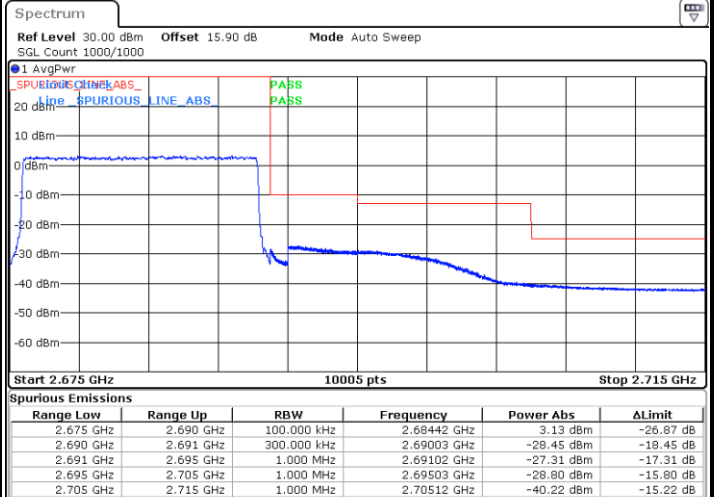
Date: 6.MAR.2020 20:32:08

Lowest Band Edge / Full RB



Date: 6.MAR.2020 19:17:00

Highest Band Edge / Full RB

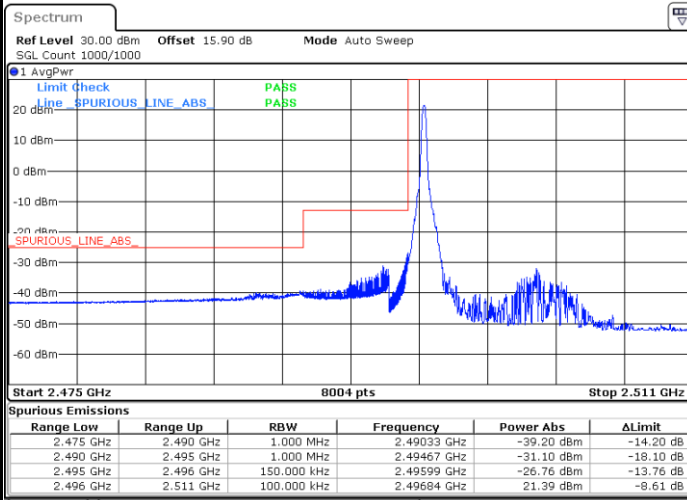


Date: 6.MAR.2020 20:36:47



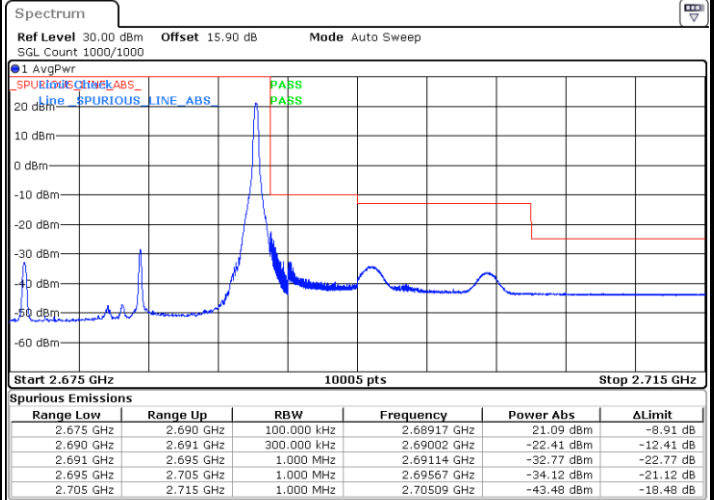
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



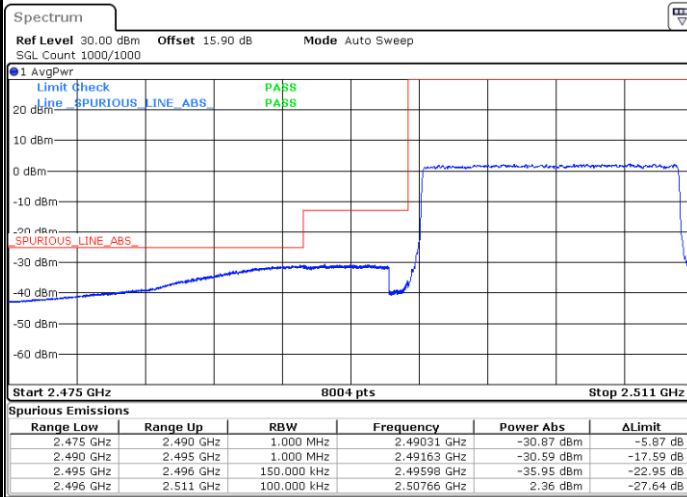
Date: 6.MAR.2020 19:14:40

Highest Band Edge / 1 RB



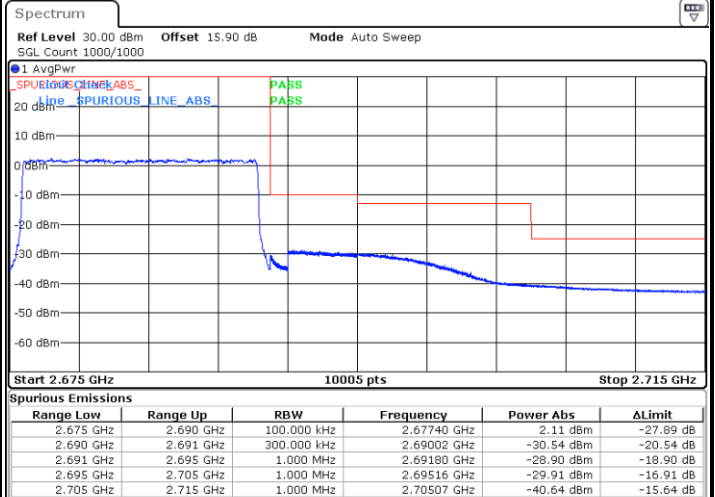
Date: 6.MAR.2020 20:34:27

Lowest Band Edge / Full RB



Date: 6.MAR.2020 19:19:20

Highest Band Edge / Full RB

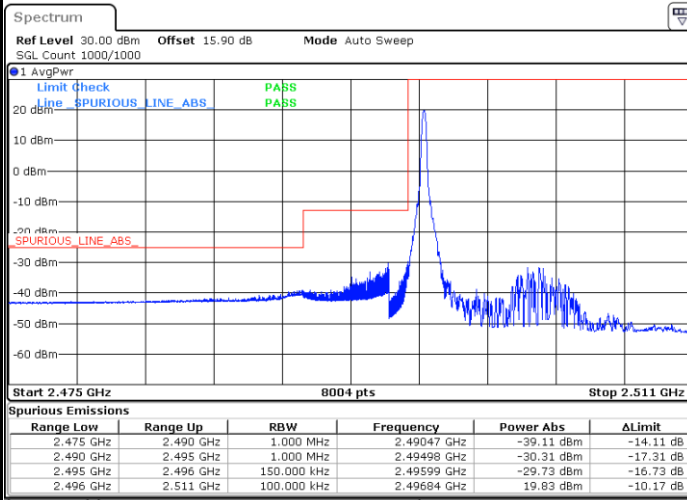


Date: 6.MAR.2020 20:39:07



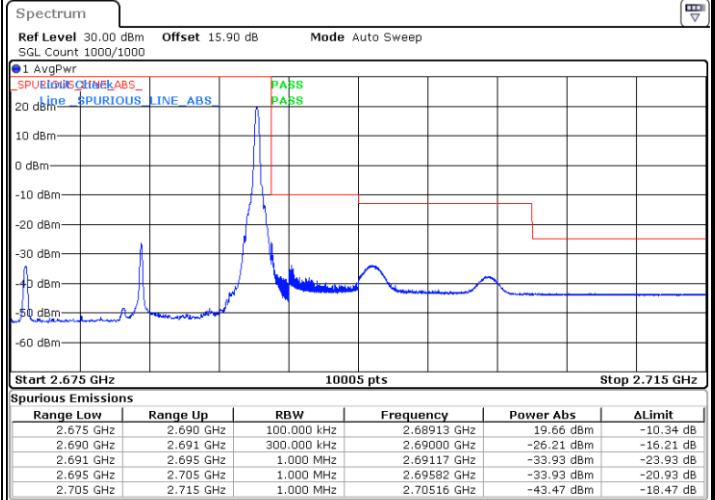
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



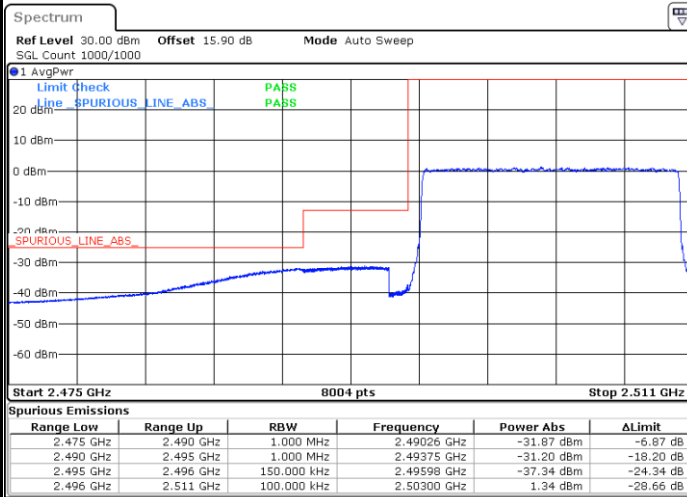
Date: 6.MAR.2020 19:07:41

Highest Band Edge / 1 RB



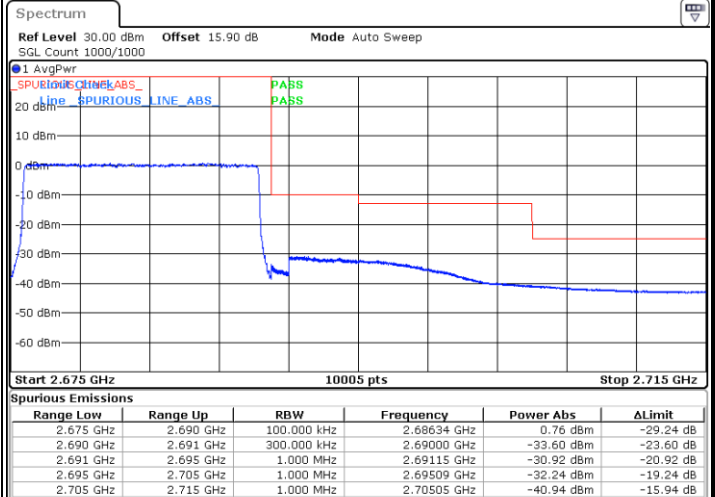
Date: 6.MAR.2020 20:41:26

Lowest Band Edge / Full RB



Date: 6.MAR.2020 19:10:00

Highest Band Edge / Full RB

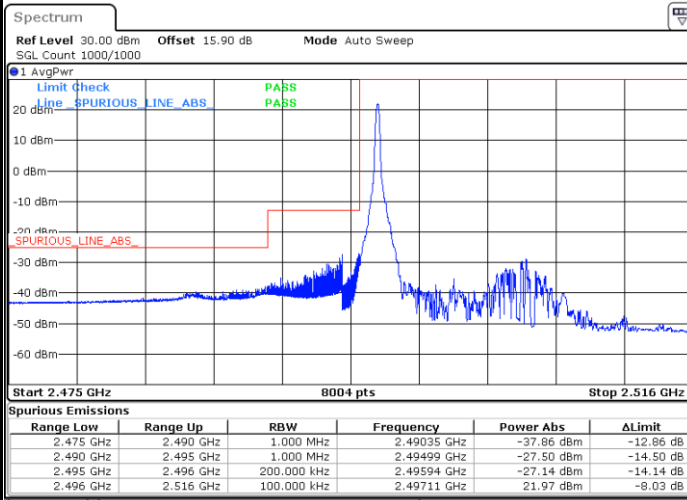


Date: 6.MAR.2020 20:43:46



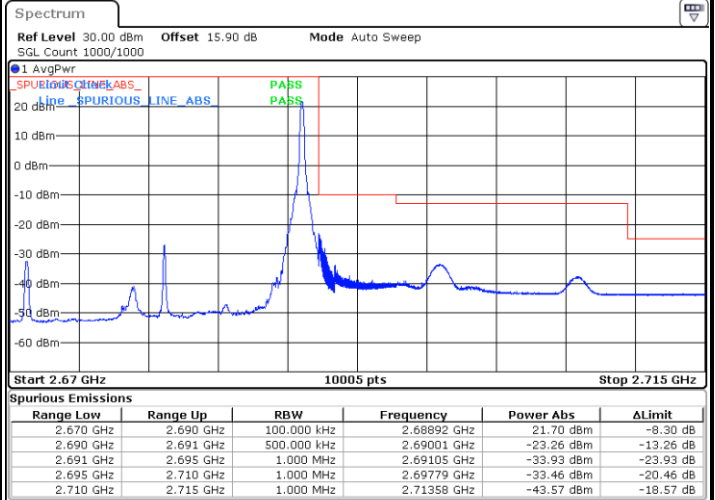
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



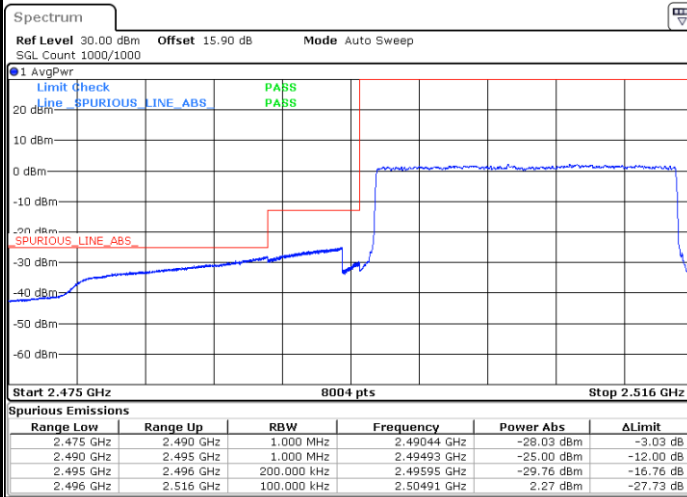
Date: 6.MAR.2020 19:21:41

Highest Band Edge / 1 RB



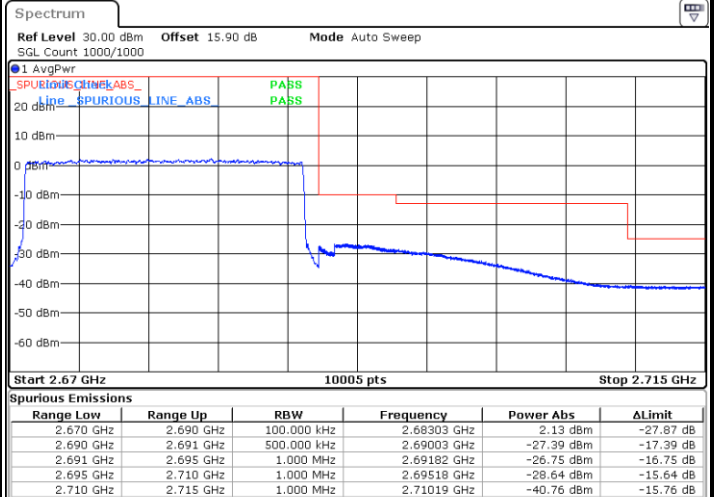
Date: 6.MAR.2020 20:46:06

Lowest Band Edge / Full RB



Date: 6.MAR.2020 19:26:21

Highest Band Edge / Full RB

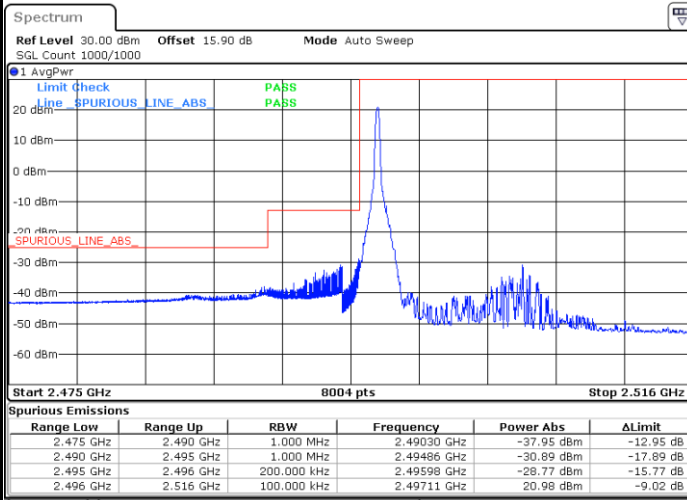


Date: 6.MAR.2020 20:53:05



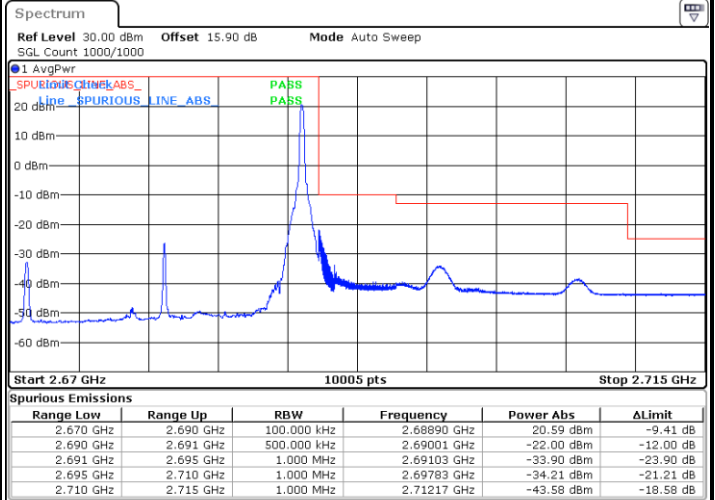
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



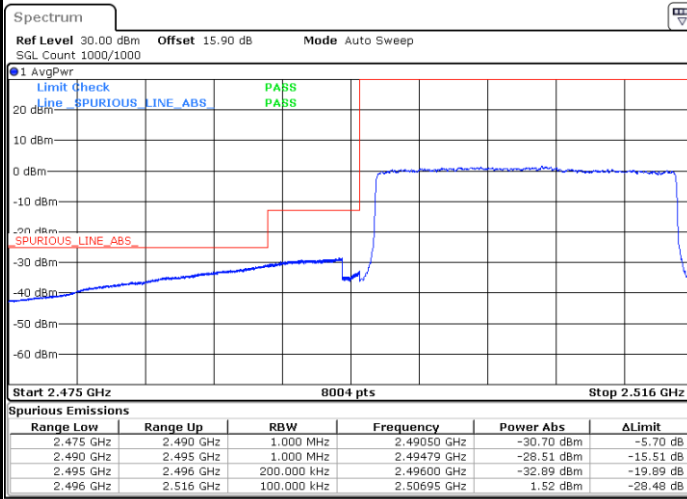
Date: 6.MAR.2020 19:24:01

Highest Band Edge / 1 RB



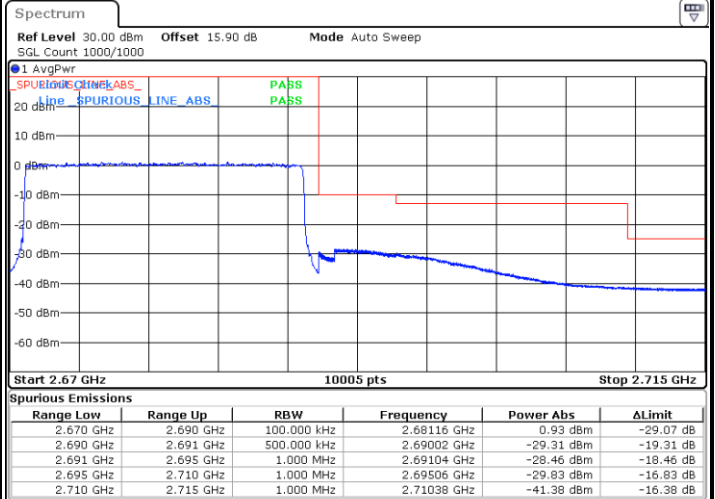
Date: 6.MAR.2020 20:48:25

Lowest Band Edge / Full RB



Date: 6.MAR.2020 19:28:41

Highest Band Edge / Full RB

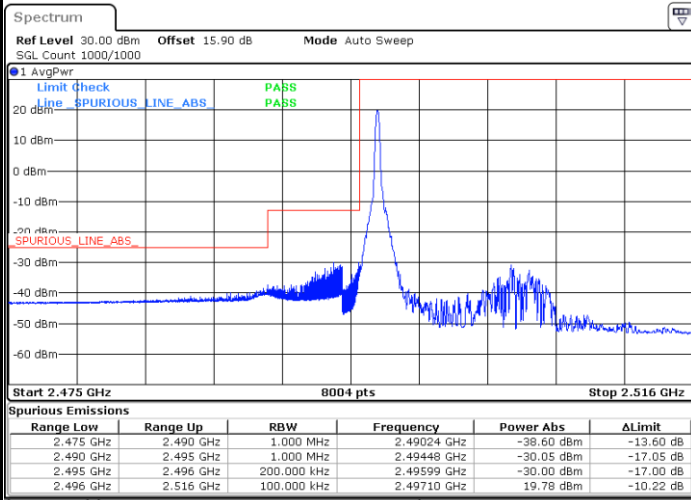


Date: 6.MAR.2020 20:50:45



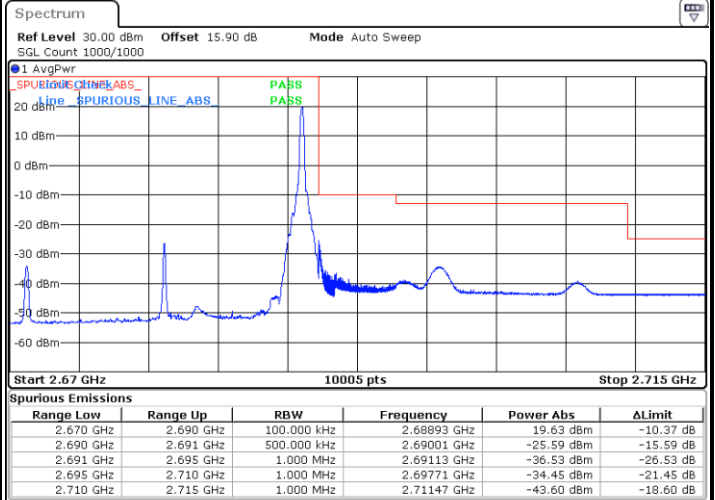
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



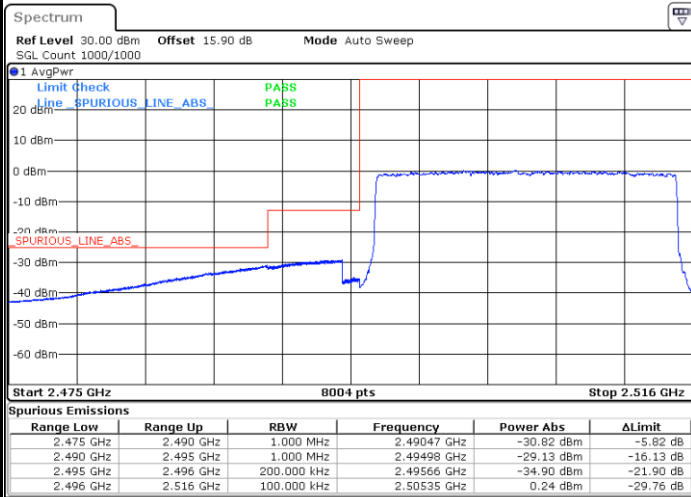
Date: 6.MAR.2020 19:31:00

Highest Band Edge / 1 RB



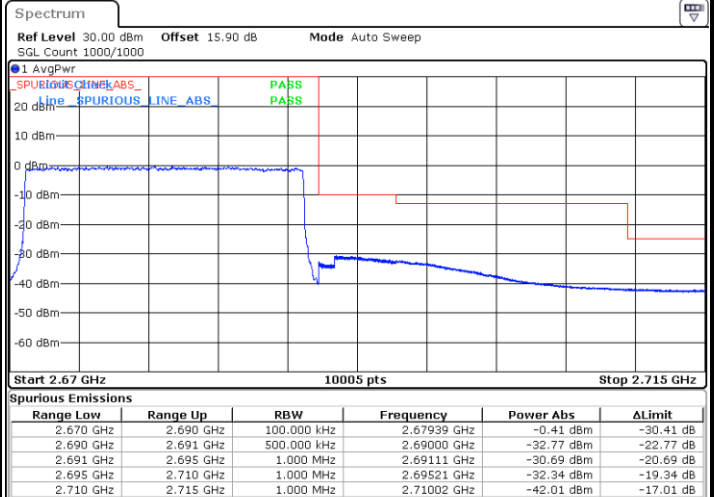
Date: 6.MAR.2020 20:55:24

Lowest Band Edge / Full RB



Date: 6.MAR.2020 19:33:20

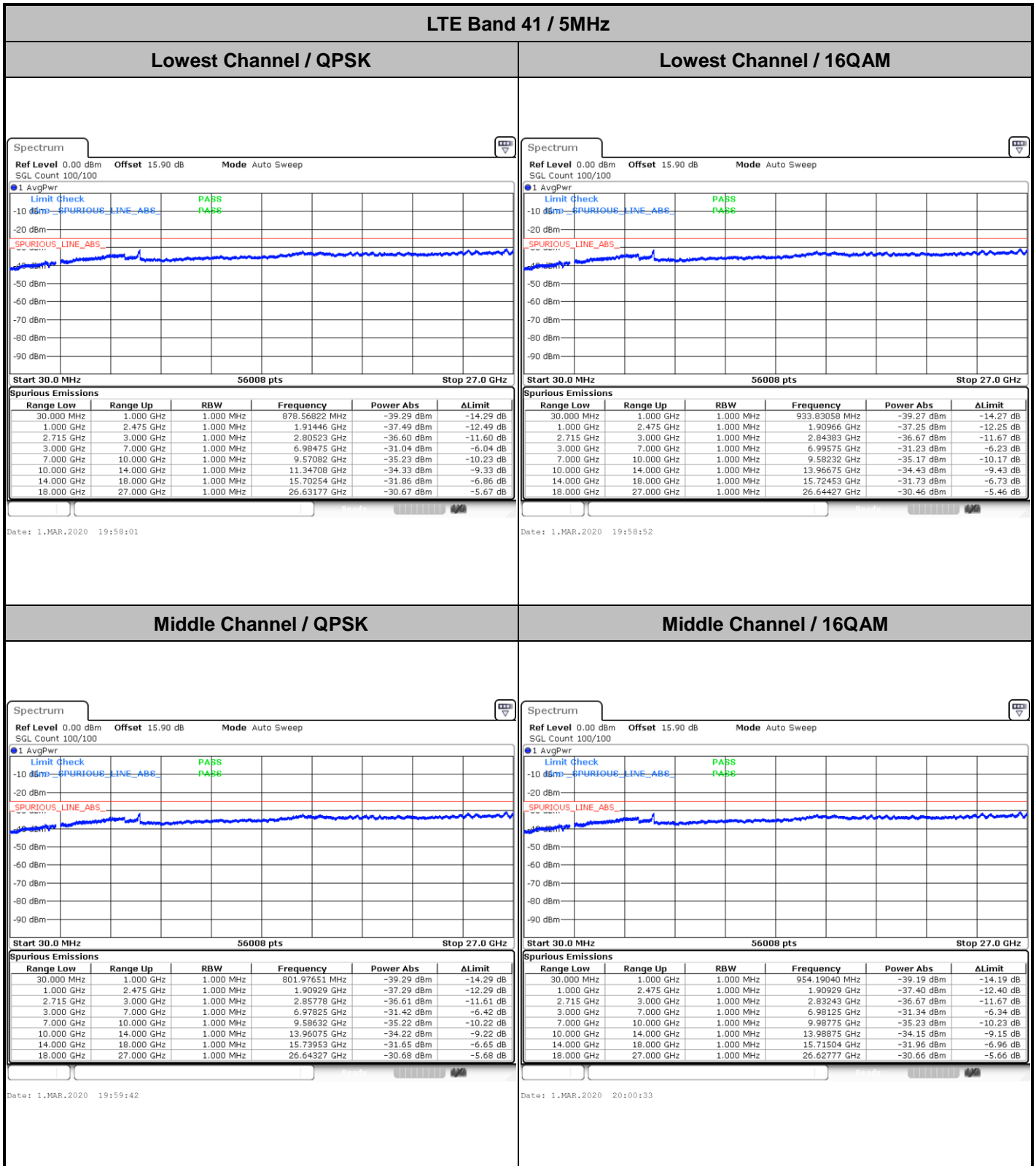
Highest Band Edge / Full RB



Date: 6.MAR.2020 20:57:44



Conducted Spurious Emission

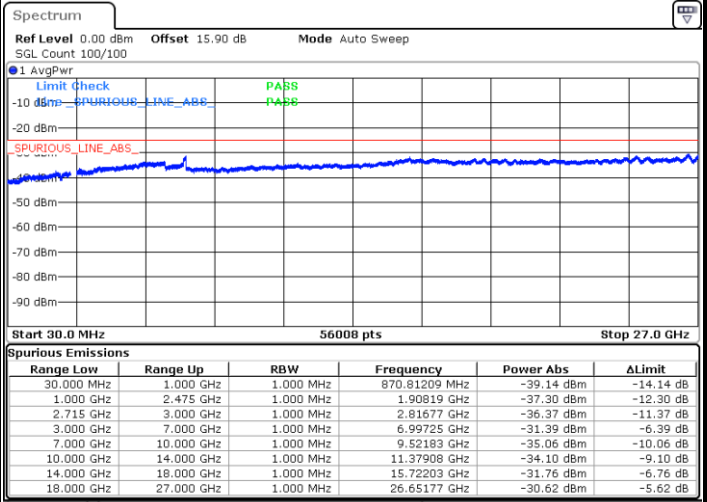
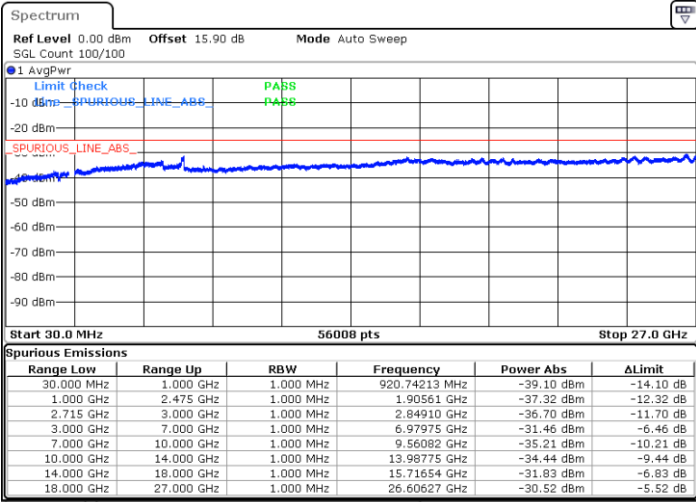




LTE Band 41 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



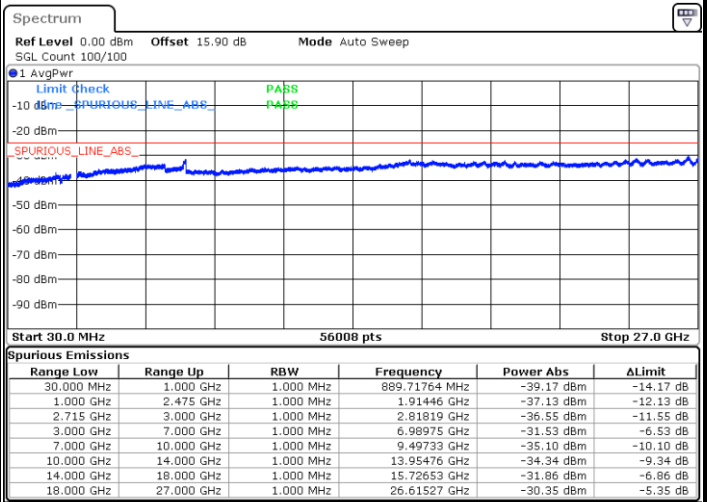
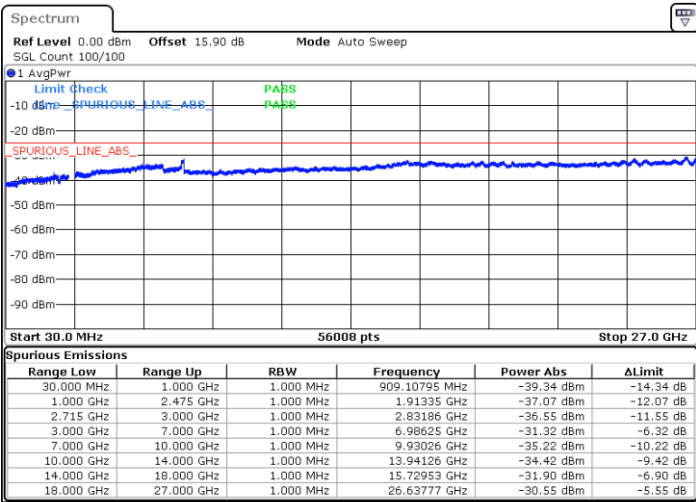
Date: 1.MAR.2020 20:01:23

Date: 1.MAR.2020 20:02:13

LTE Band 41 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 1.MAR.2020 20:05:35

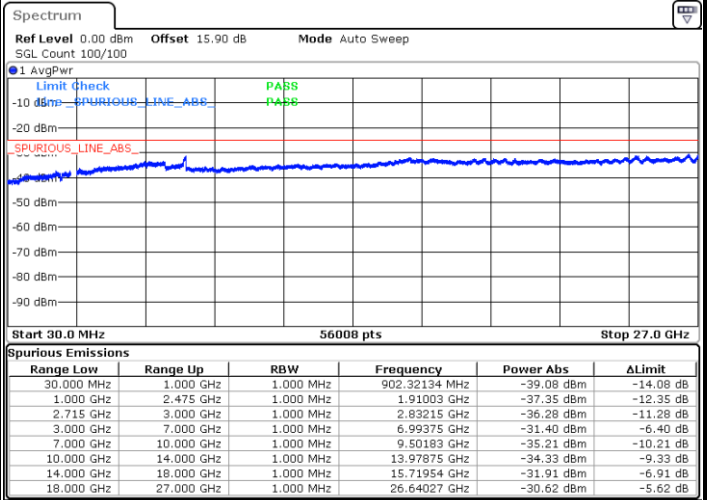
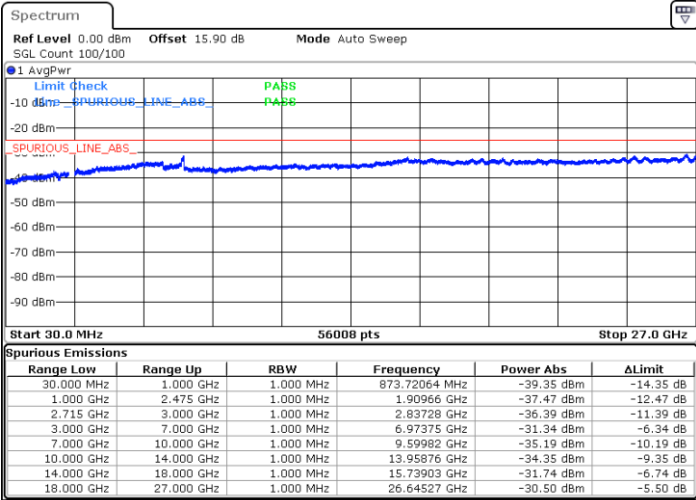
Date: 1.MAR.2020 20:06:26



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

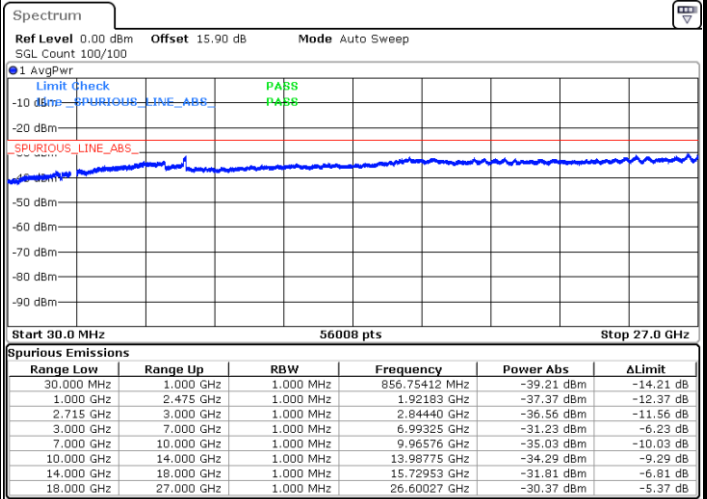
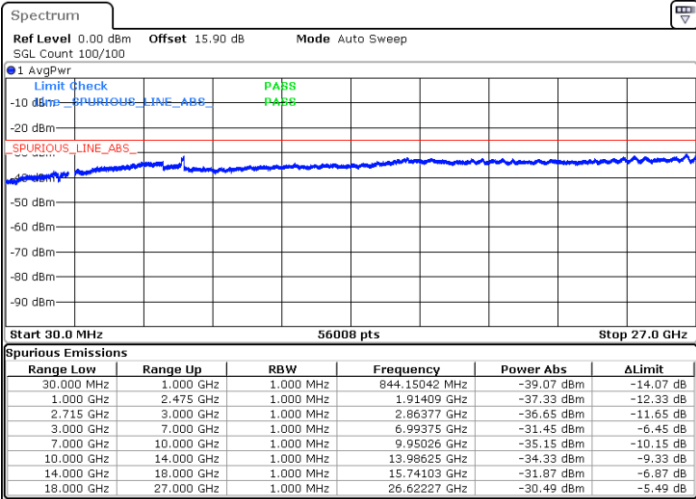


Date: 1.MAR.2020 20:07:16

Date: 1.MAR.2020 20:08:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.MAR.2020 20:08:56

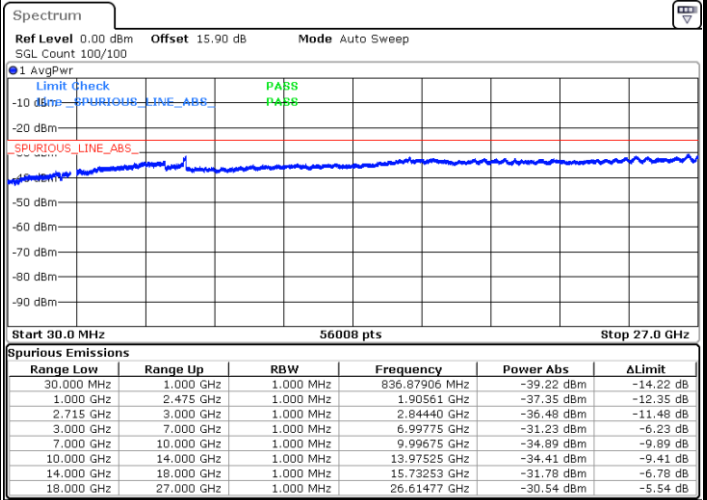
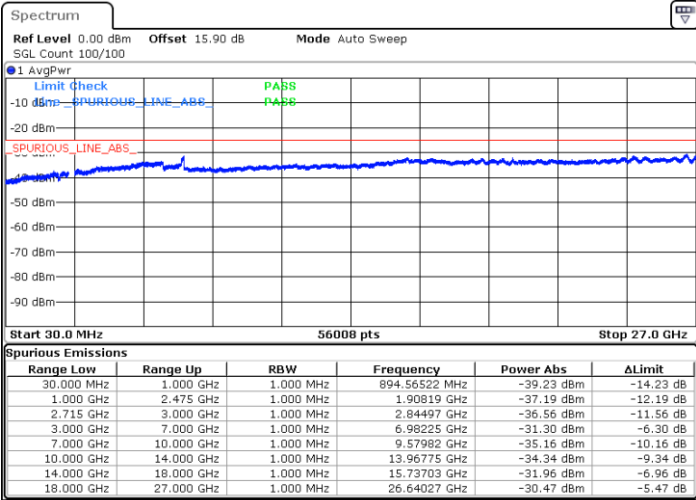
Date: 1.MAR.2020 20:09:47



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

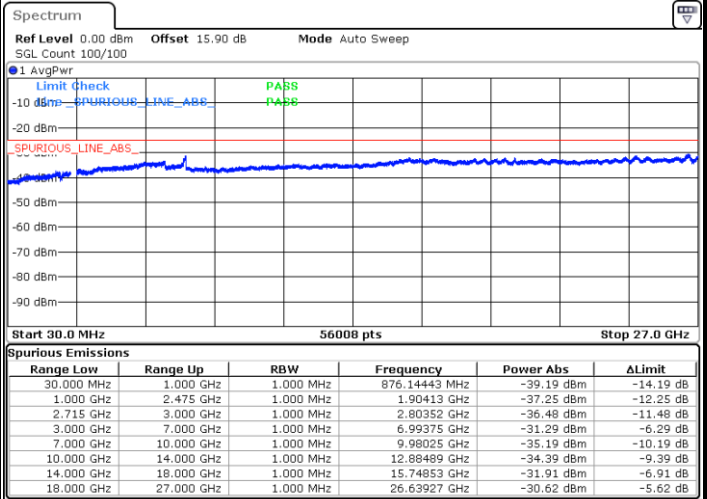
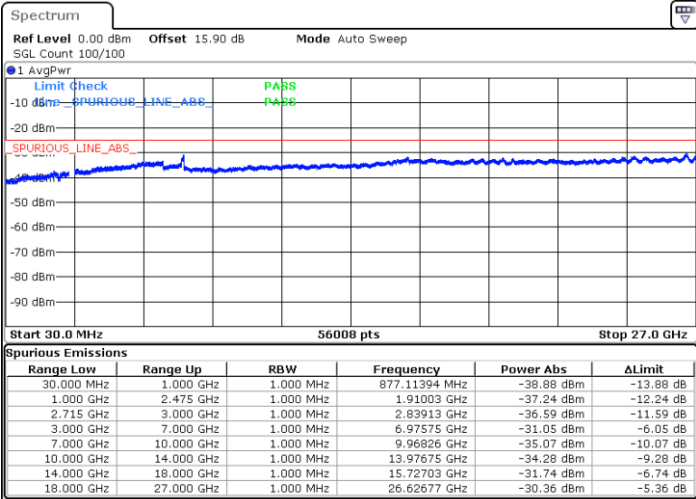


Date: 1.MAR.2020 20:10:38

Date: 1.MAR.2020 20:11:29

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 1.MAR.2020 20:12:19

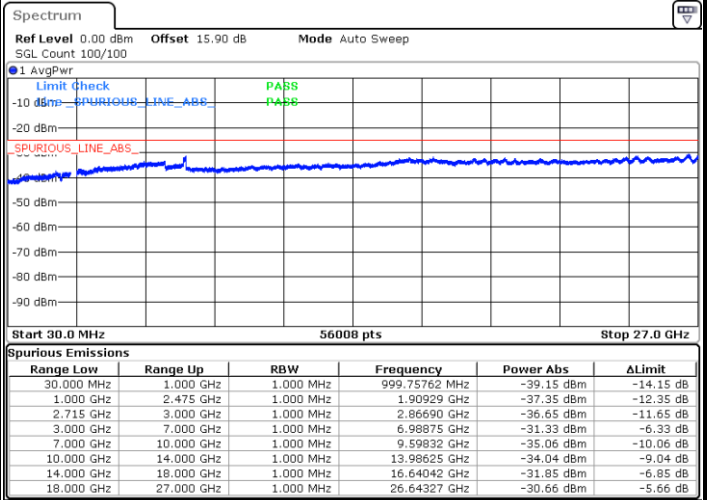
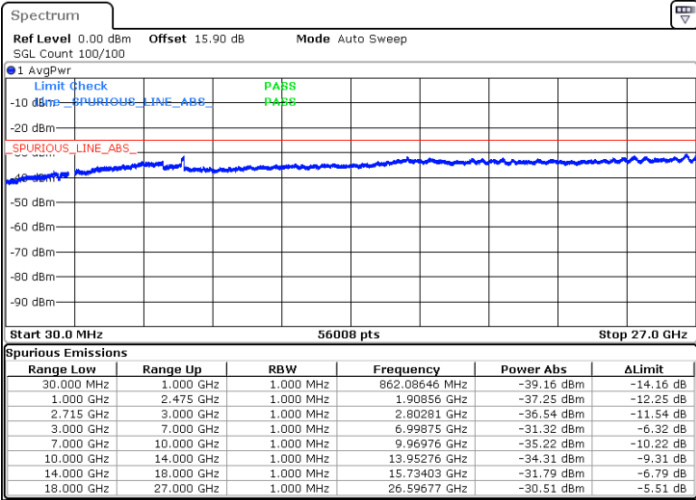
Date: 1.MAR.2020 20:13:09



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



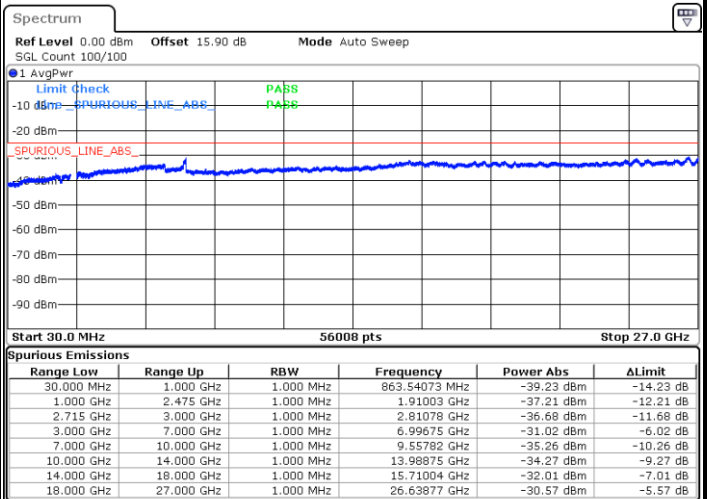
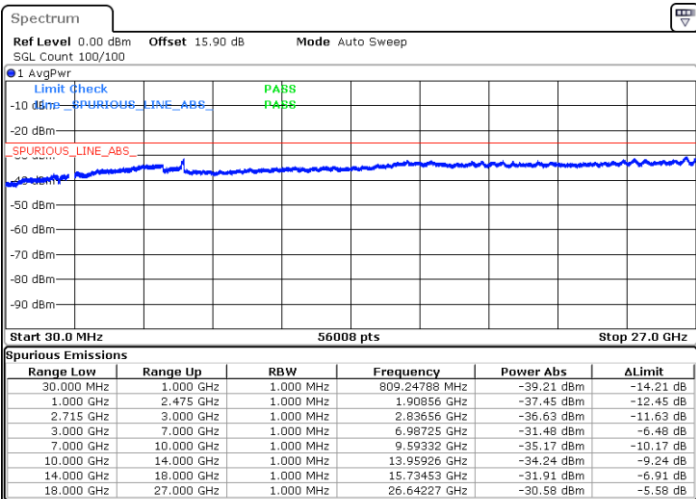
Date: 1.MAR.2020 20:13:59

Date: 1.MAR.2020 20:14:50

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 1.MAR.2020 20:27:50

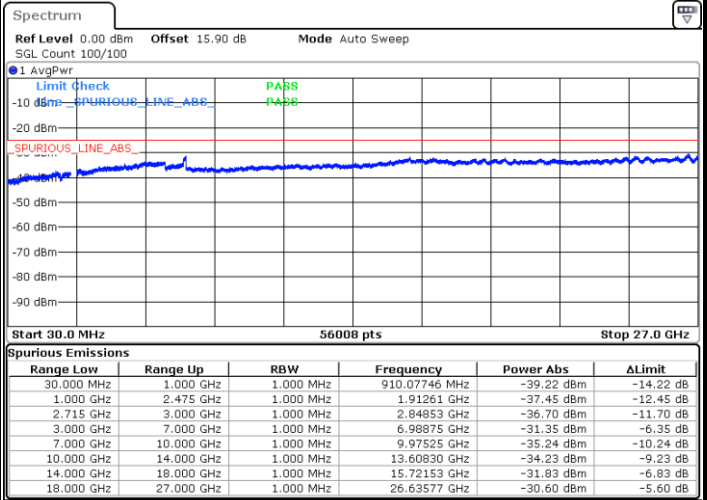
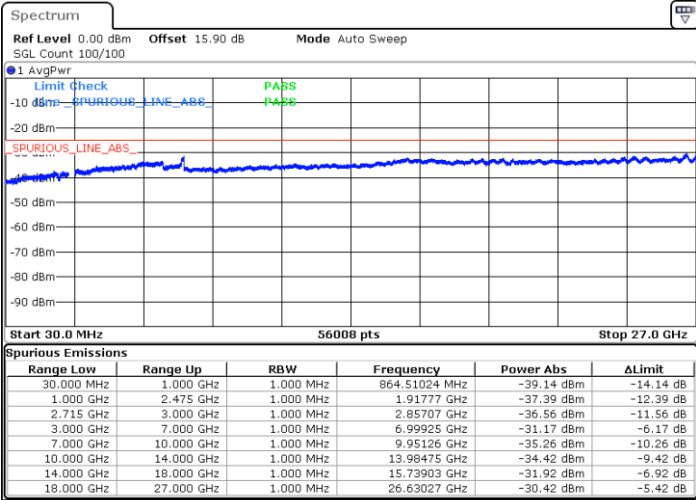
Date: 1.MAR.2020 20:28:41



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

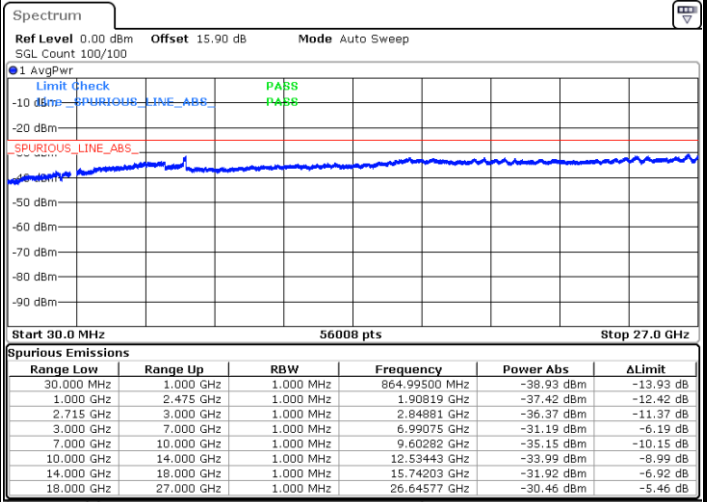
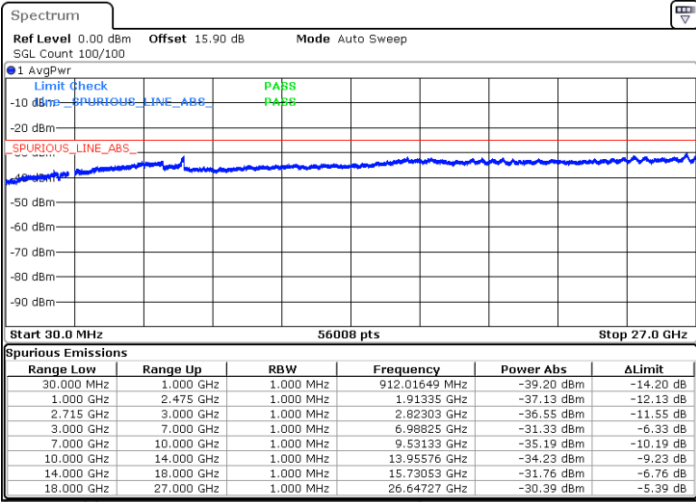


Date: 1.MAR.2020 20:29:31

Date: 1.MAR.2020 20:30:21

Highest Channel / QPSK

Highest Channel / 16QAM



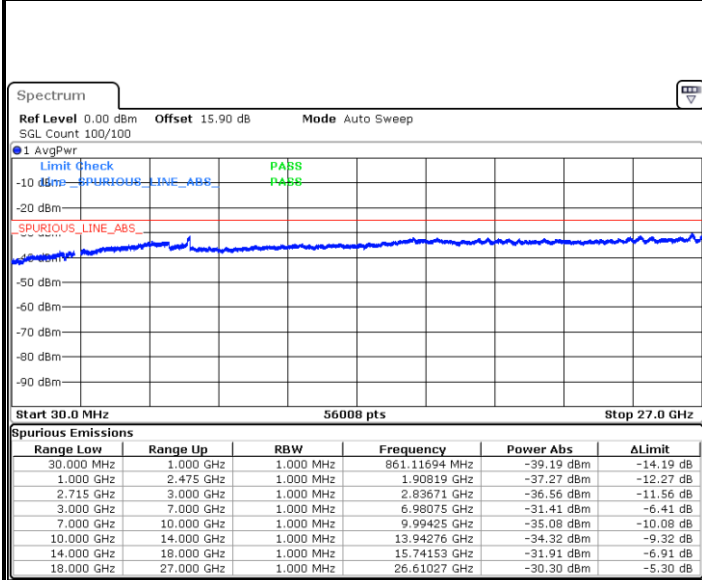
Date: 1.MAR.2020 20:31:12

Date: 1.MAR.2020 20:32:02



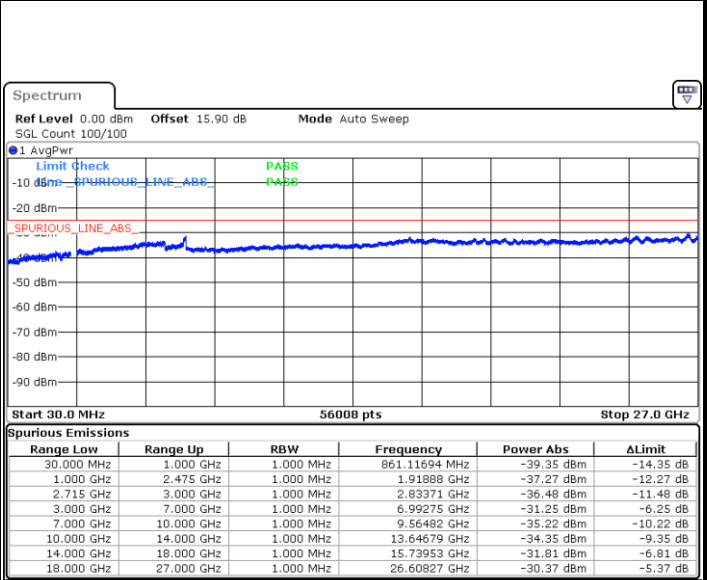
LTE Band 41 / 5MHz

Lowest Channel / 64QAM



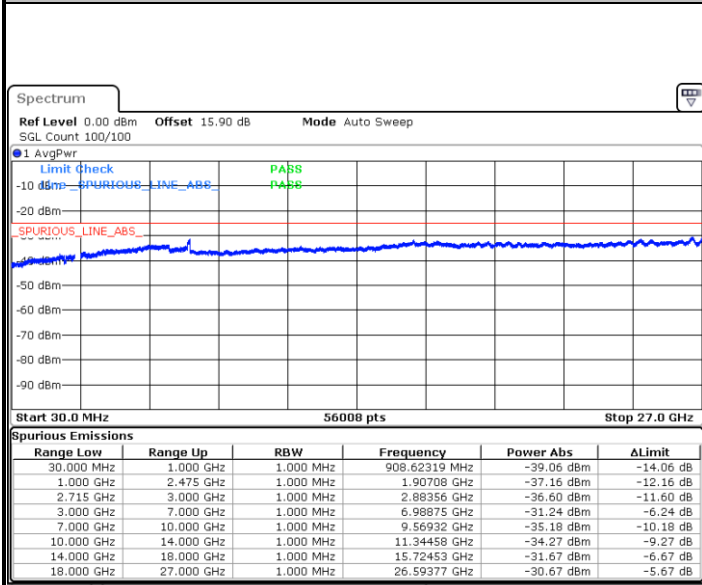
Date: 1.MAR.2020 19:55:30

Middle Channel / 64QAM



Date: 1.MAR.2020 19:56:20

Highest Channel / 64QAM



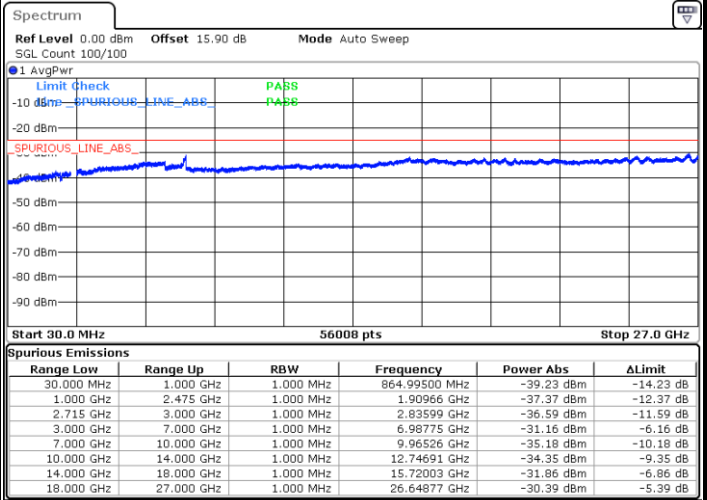
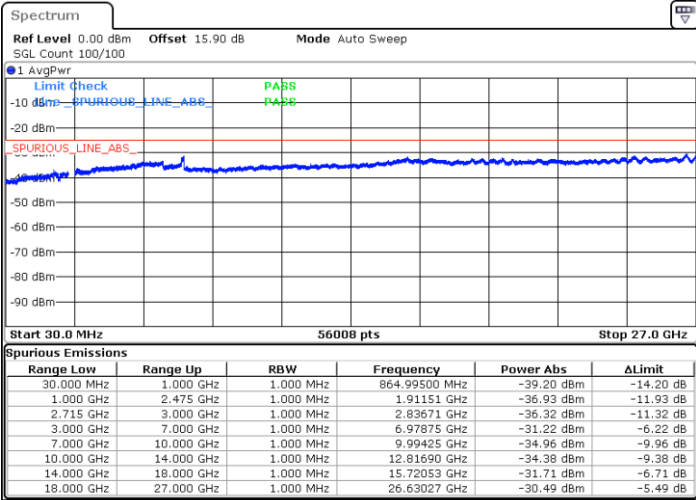
Date: 1.MAR.2020 19:57:11



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

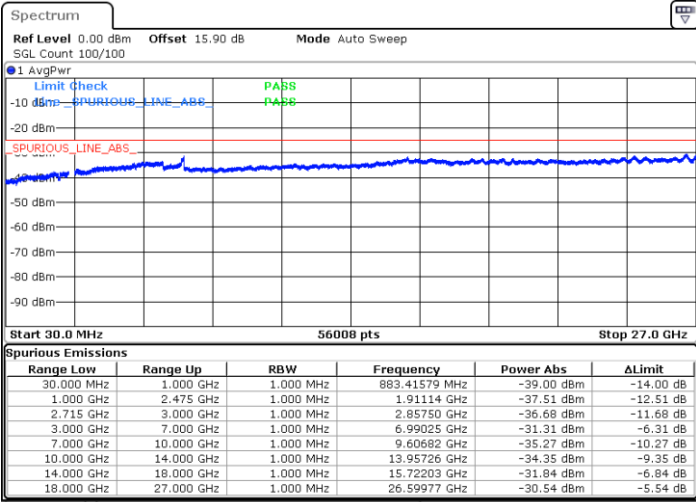
Middle Channel / 64QAM



Date: 1.MAR.2020 20:03:05

Date: 1.MAR.2020 20:03:55

Highest Channel / 64QAM



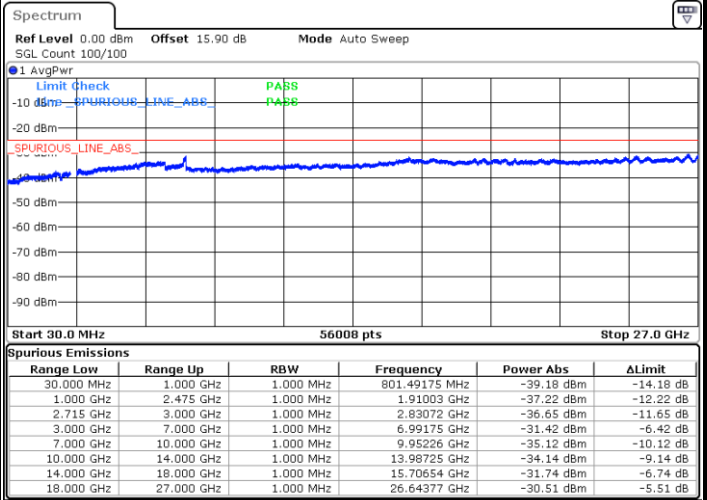
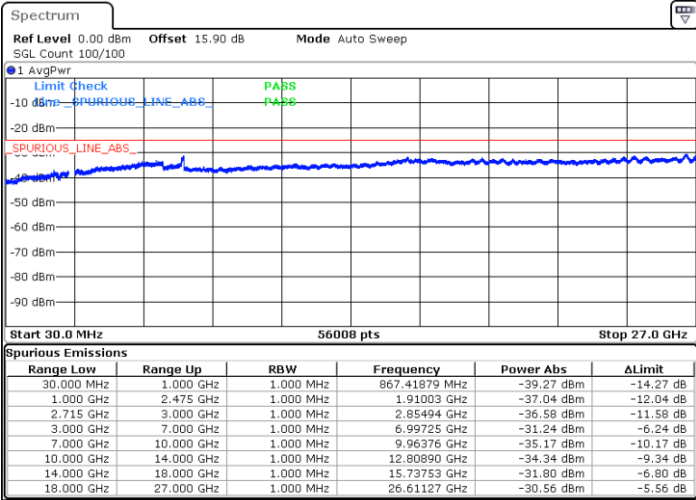
Date: 1.MAR.2020 20:04:45



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

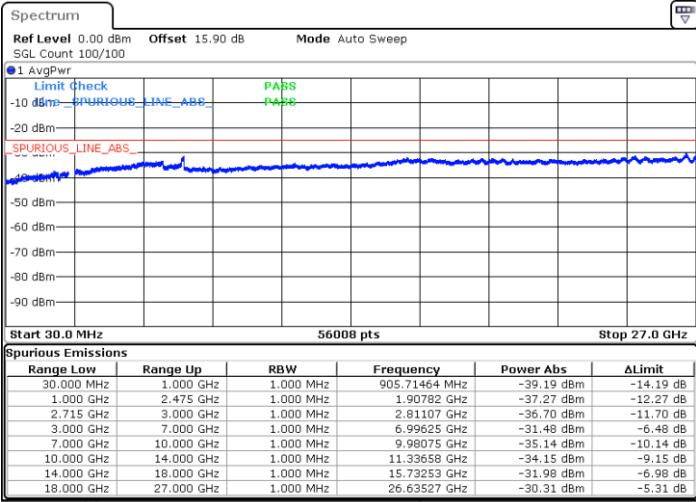
Middle Channel / 64QAM



Date: 1.MAR.2020 20:15:41

Date: 1.MAR.2020 20:16:31

Highest Channel / 64QAM



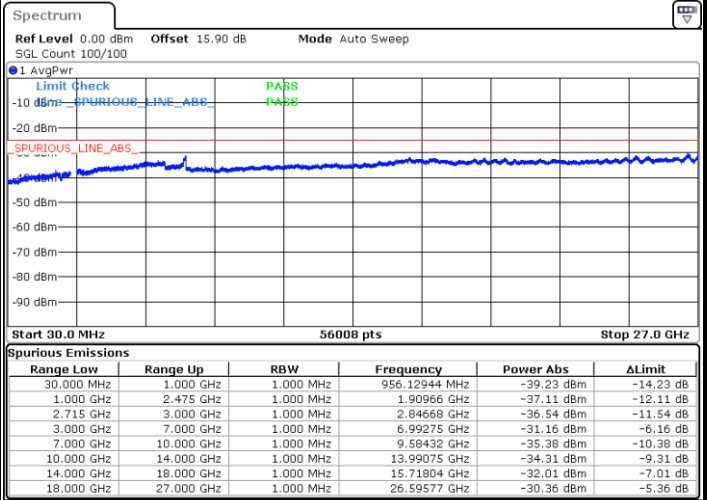
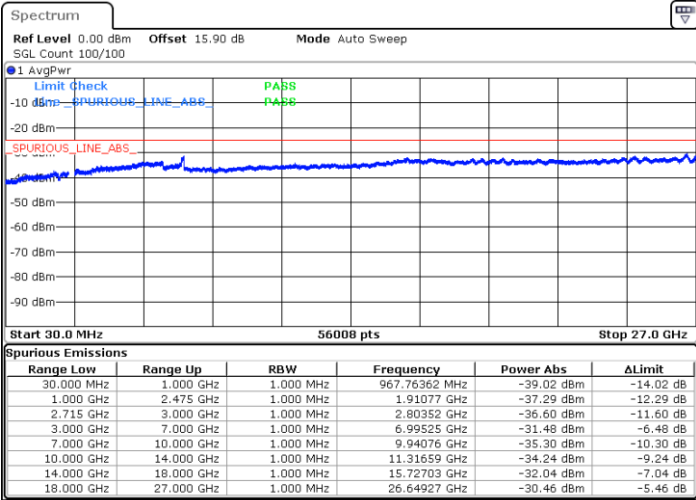
Date: 1.MAR.2020 20:17:21



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

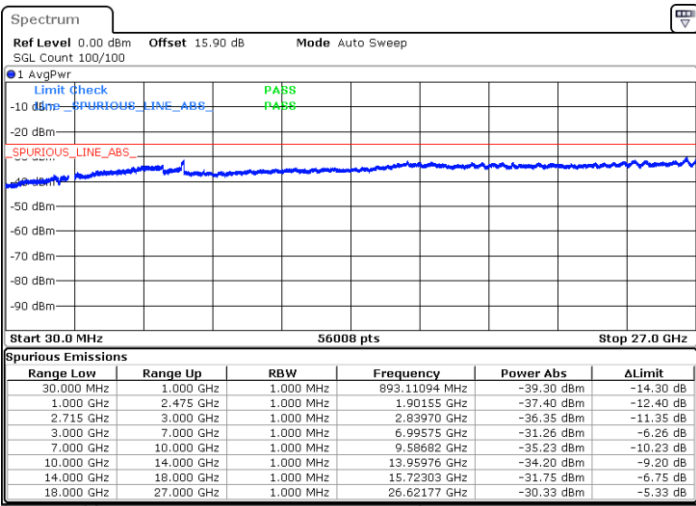
Middle Channel / 64QAM



Date: 1.MAR.2020 20:25:19

Date: 1.MAR.2020 20:26:09

Highest Channel / 64QAM



Date: 1.MAR.2020 20:26:59



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	0.0003	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0082	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0076	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0077	

Note:

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =7.20 V. ; Maximum Voltage =8.90 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
Lowest CH	24.73	25.03	29.85	25.38	30.57
Middle CH	24.73	25.08	29.91	25.38	30.33
Highest CH	24.78	25.23	29.91	25.28	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.76	24.93	29.79	34.83	39.64
Middle CH	34.83	24.93	29.97	34.76	39.72
Highest CH	34.83	24.98	29.97	34.90	39.64

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.68	24.98	29.73	25.13	30.51
Middle CH	24.68	25.03	29.91	24.98	30.63
Highest CH	24.78	25.08	29.85	25.23	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.88	30.03	34.83	39.72
Middle CH	34.69	24.88	29.97	34.83	39.72
Highest CH	34.83	24.93	29.97	34.90	39.80

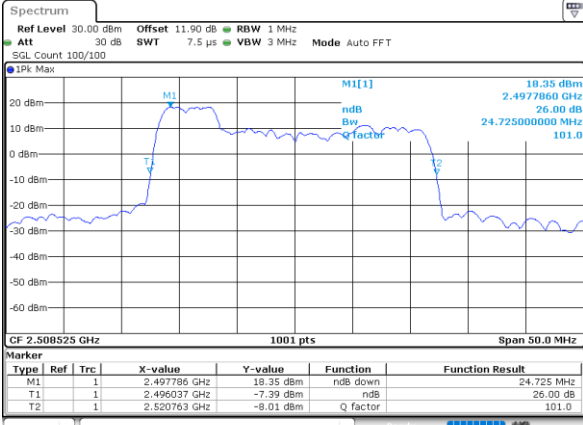
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.73	25.08	29.85	25.13	30.39
Middle CH	24.78	25.08	29.73	25.18	30.63
Highest CH	24.88	25.13	29.79	25.23	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	24.83	29.85	34.90	39.64
Middle CH	34.97	24.73	29.85	34.90	39.80
Highest CH	34.83	24.93	29.97	34.90	39.80



LTE Band 41C

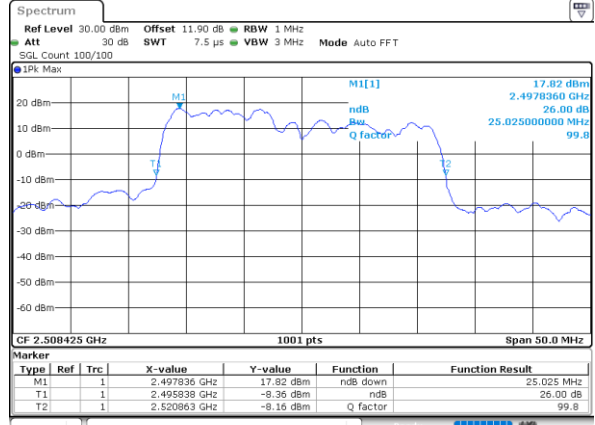
QPSK

Lowest Channel / 5MHz+20MHz



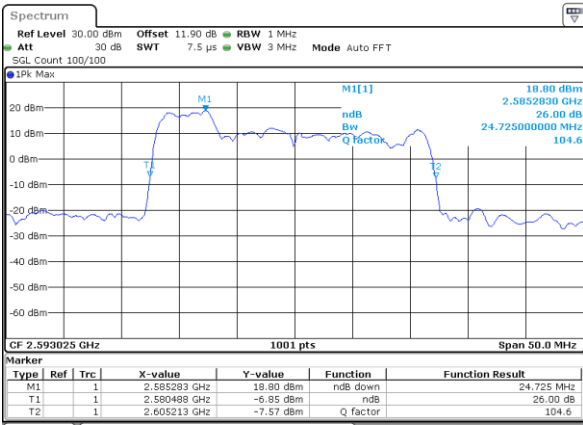
Date: 26.MAR.2020 18:32:49

Lowest Channel / 10MHz+15MHz



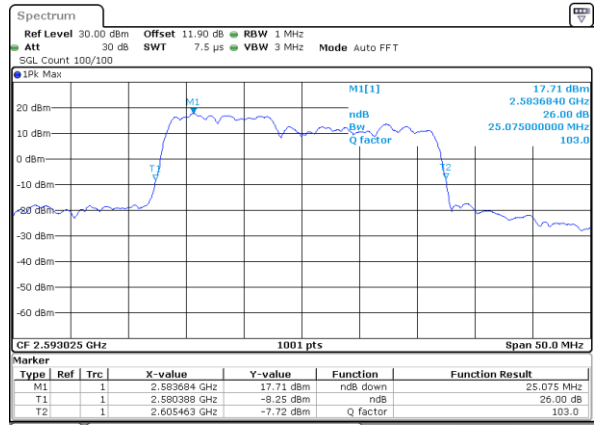
Date: 26.MAR.2020 12:18:20

Middle Channel / 5MHz+20MHz



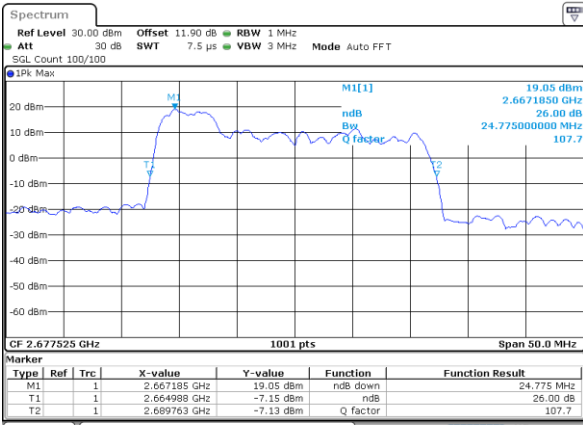
Date: 26.MAR.2020 16:57:54

Middle Channel / 10MHz+15MHz



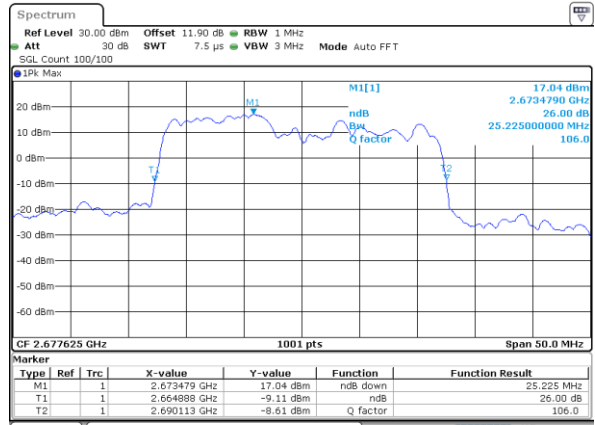
Date: 26.MAR.2020 15:10:05

Highest Channel / 5MHz+20MHz



Date: 26.MAR.2020 16:49:30

Highest Channel / 10MHz+15MHz



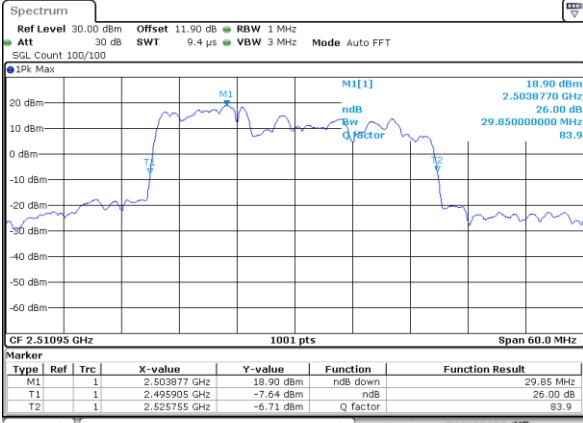
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LTE Band 41C

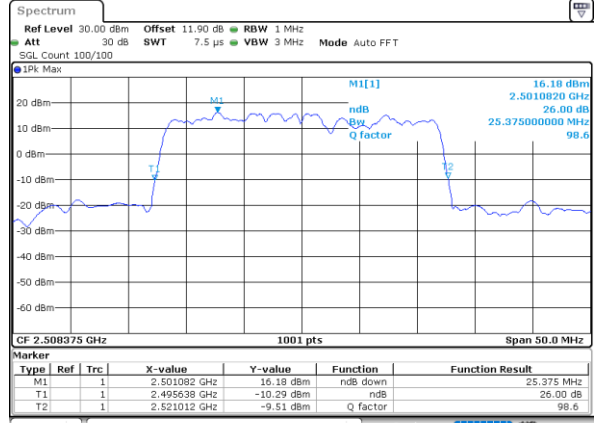
QPSK

Lowest Channel / 10MHz+20MHz



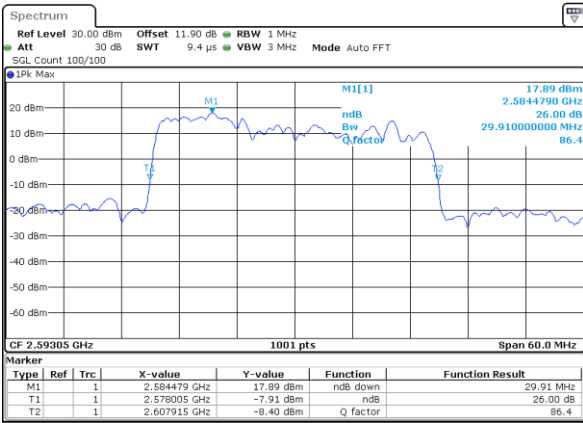
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Lowest Channel / 15MHz+10MHz



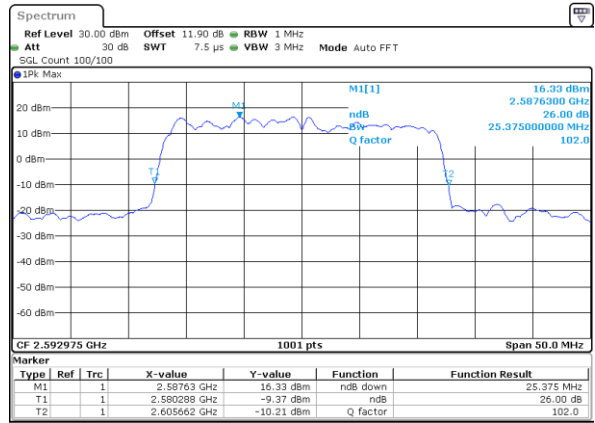
Date: 26.MAR.2020 10:13:11

Middle Channel / 10MHz+20MHz



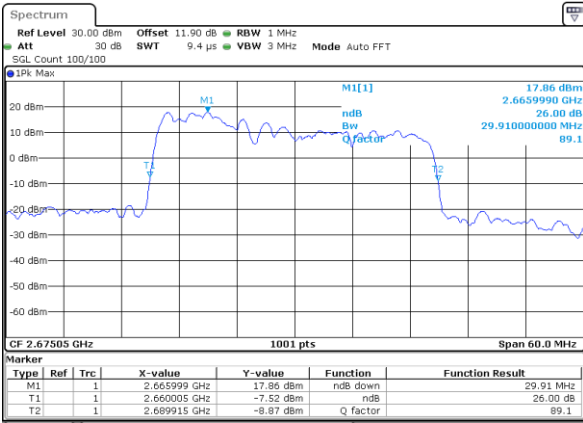
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Middle Channel / 15MHz+10MHz



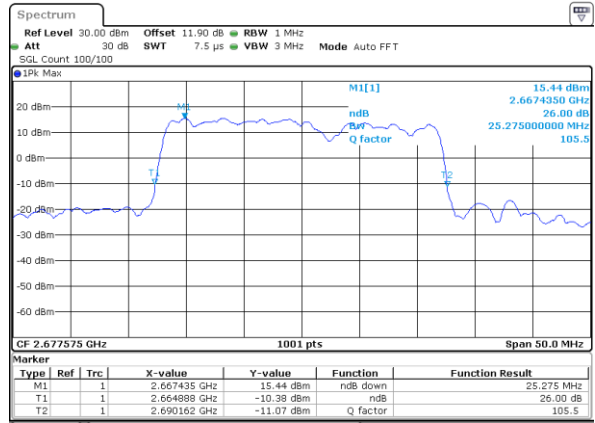
Date: 26.MAR.2020 10:47:44

Highest Channel / 10MHz+20MHz



Date: 26.MAR.2020 04:11:52

Highest Channel / 15MHz+10MHz



Date: 26.MAR.2020 11:33:04