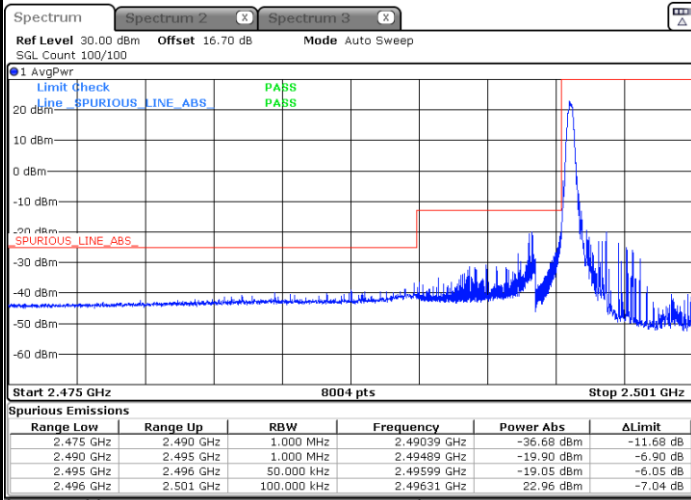




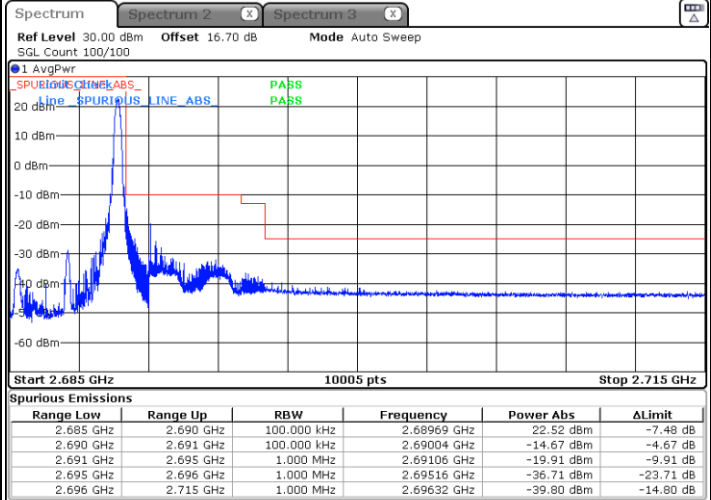
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



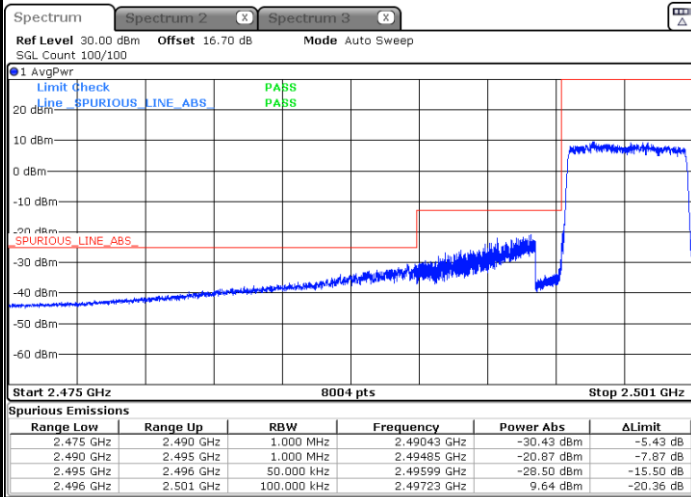
Date: 5 MAY 2020 21:45:38

Highest Band Edge / 1 RB



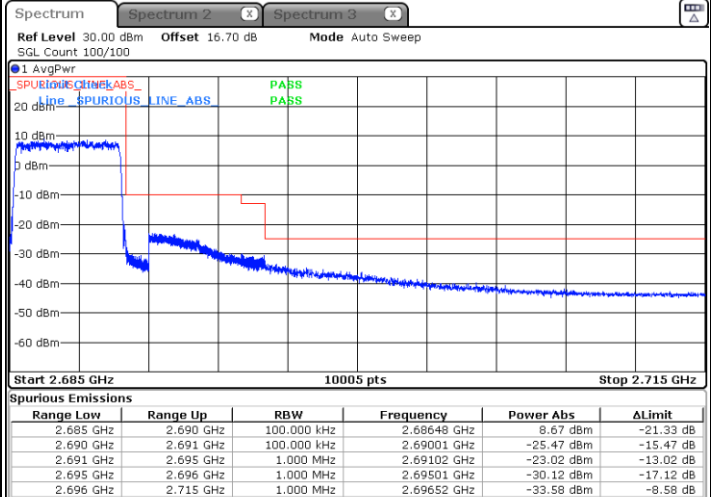
Date: 5 MAY 2020 21:48:20

Lowest Band Edge / Full RB



Date: 5 MAY 2020 21:46:59

Highest Band Edge / Full RB

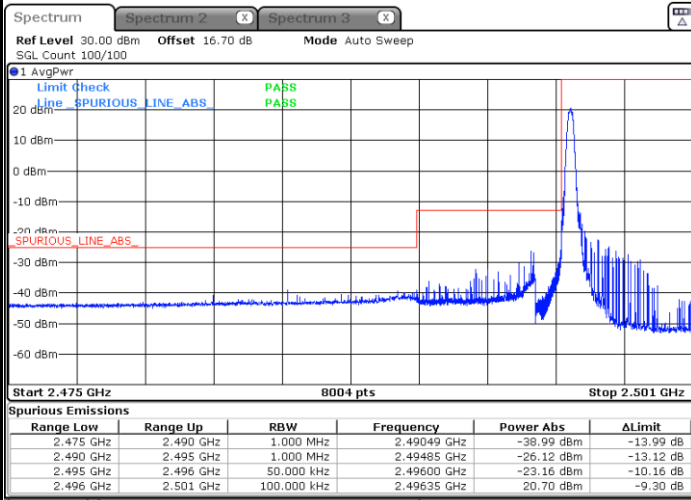


Date: 5 MAY 2020 21:49:42



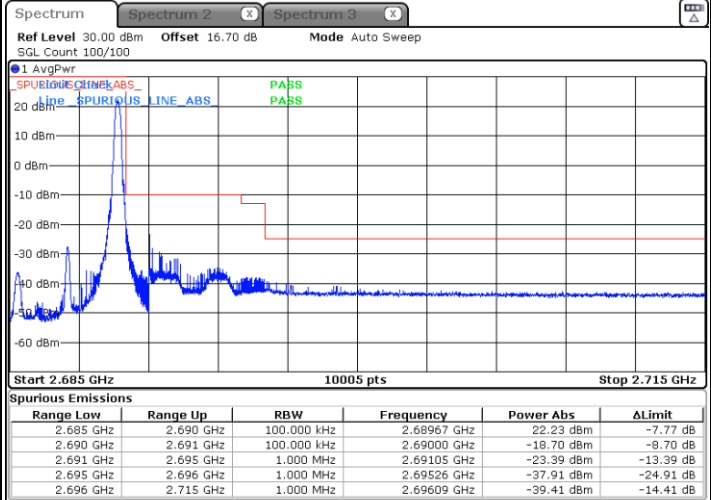
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



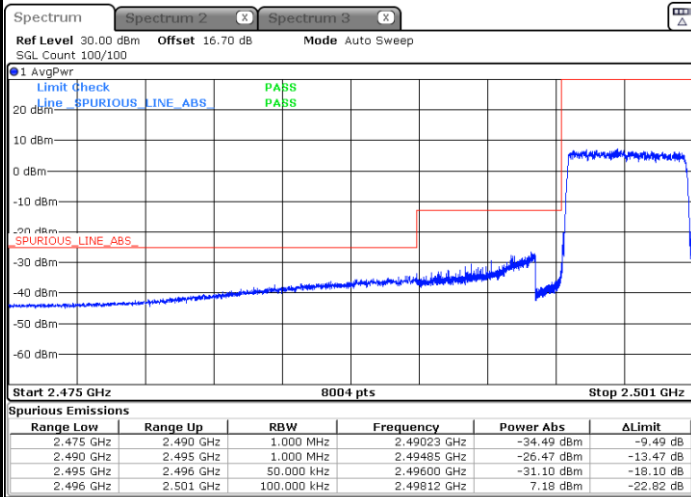
Date: 5 MAY 2020 21:50:23

Highest Band Edge / 1 RB



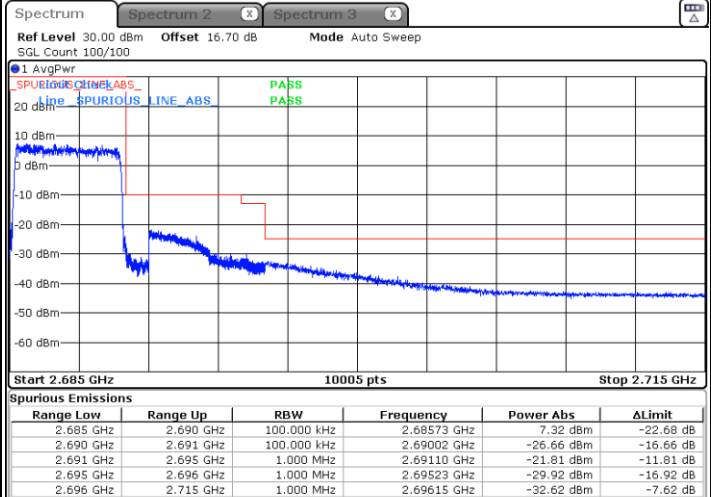
Date: 5 MAY 2020 21:51:44

Lowest Band Edge / Full RB



Date: 5 MAY 2020 21:51:04

Highest Band Edge / Full RB

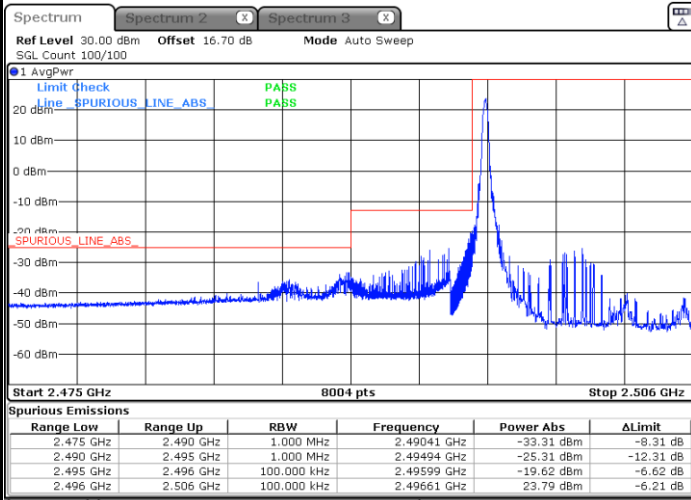


Date: 5 MAY 2020 21:52:24



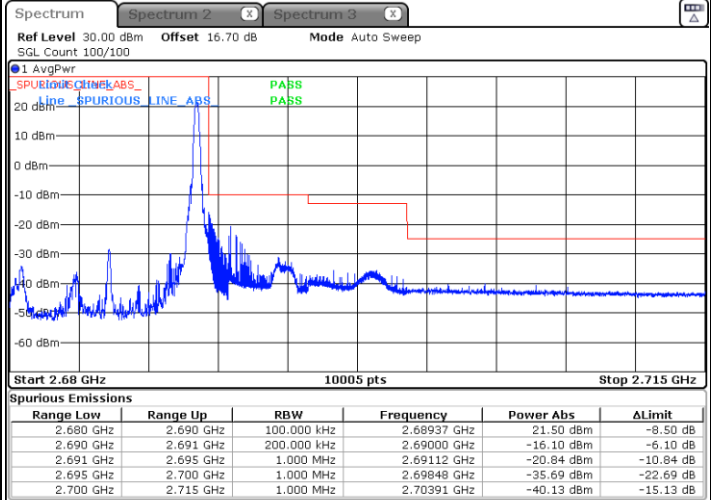
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



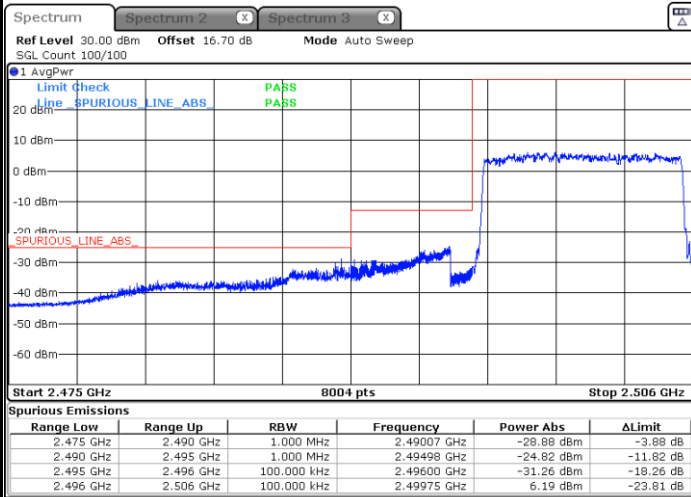
Date: 5 MAY 2020 21:53:06

Highest Band Edge / 1 RB



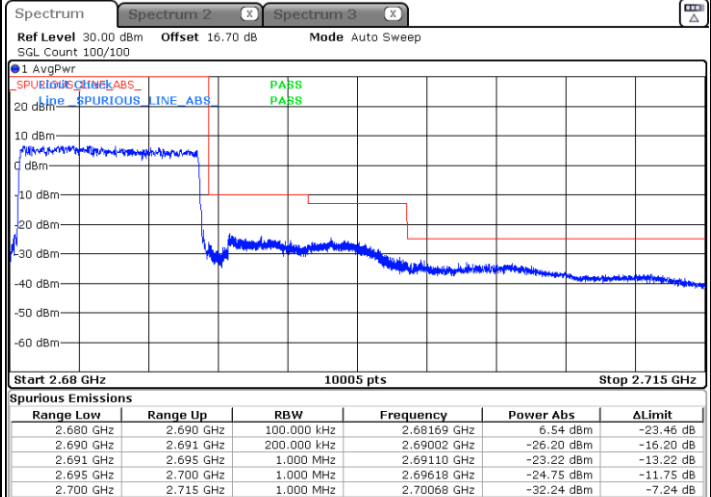
Date: 5 MAY 2020 21:55:48

Lowest Band Edge / Full RB



Date: 5 MAY 2020 21:54:27

Highest Band Edge / Full RB

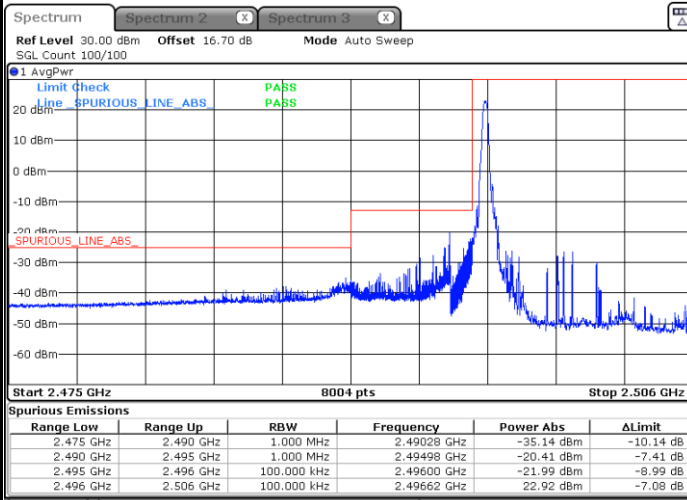


Date: 5 MAY 2020 21:57:10



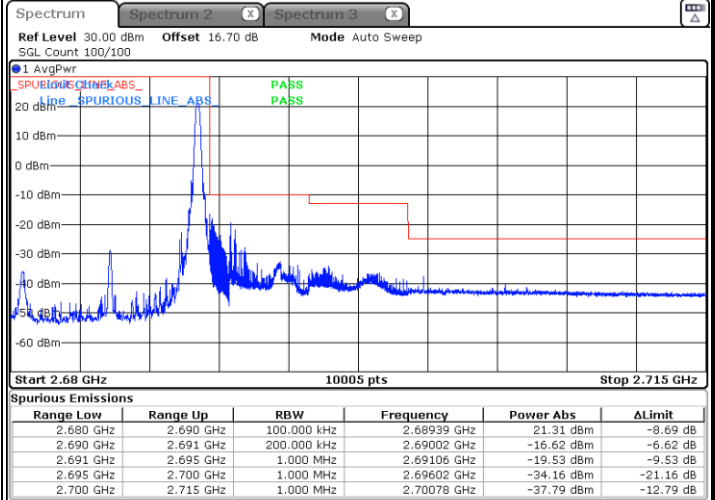
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



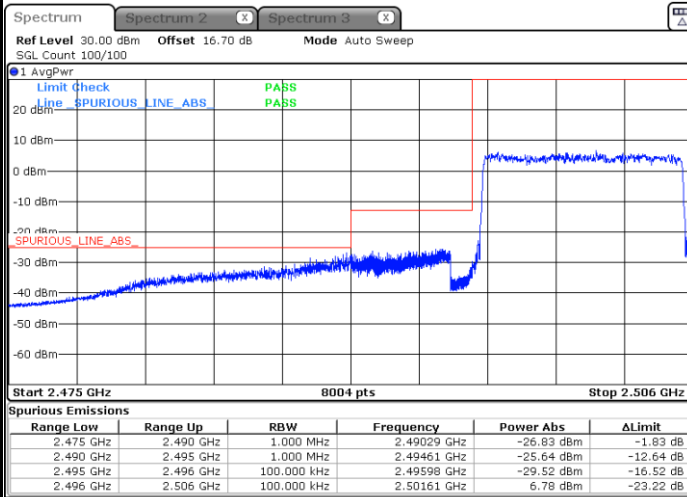
Date: 5 MAY 2020 21:53:47

Highest Band Edge / 1 RB



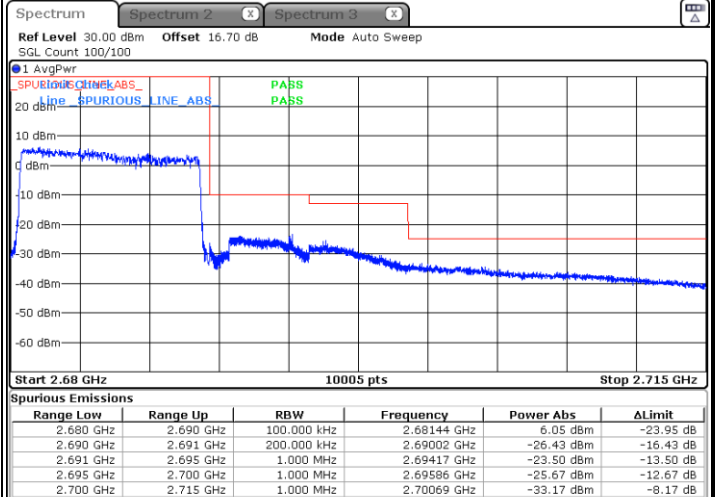
Date: 5 MAY 2020 21:56:29

Lowest Band Edge / Full RB



Date: 5 MAY 2020 21:55:08

Highest Band Edge / Full RB

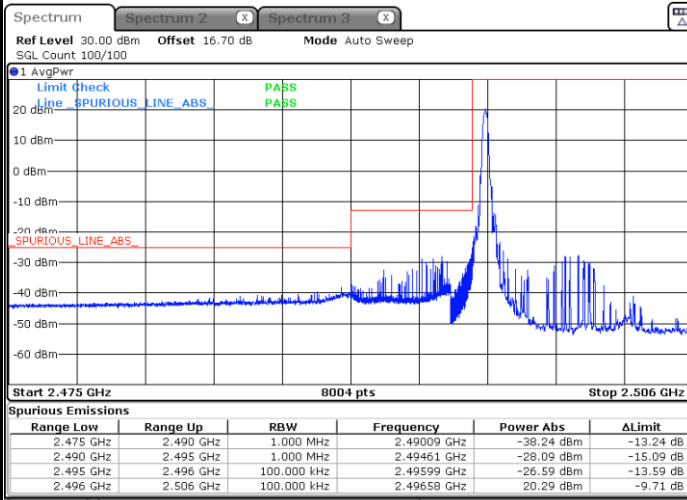


Date: 5 MAY 2020 21:57:51



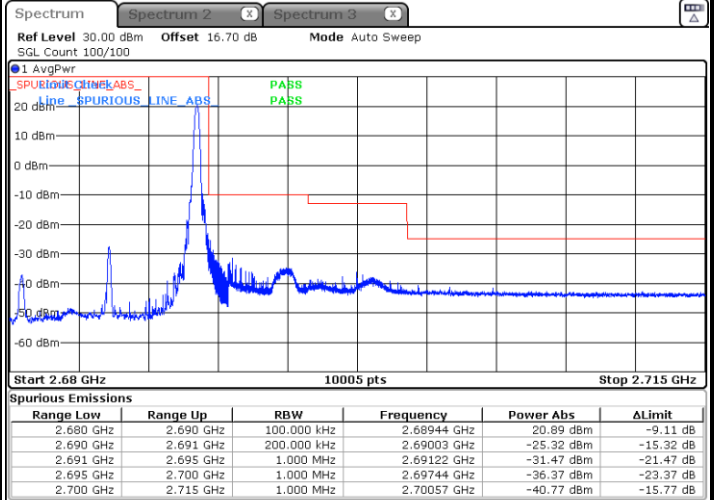
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



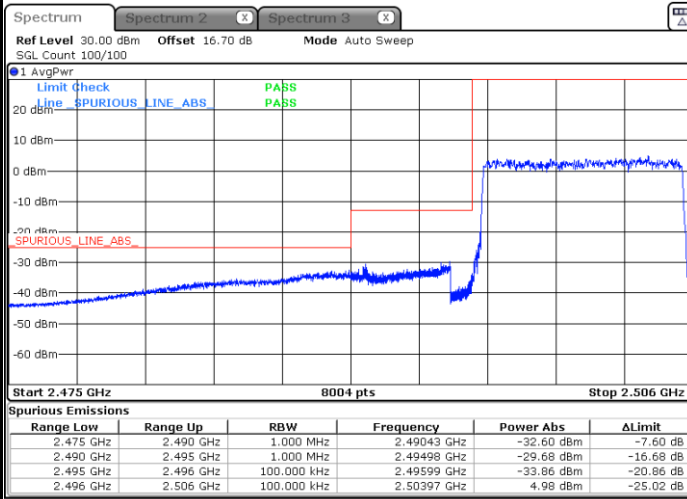
Date: 5 MAY 2020 21:58:32

Highest Band Edge / 1 RB



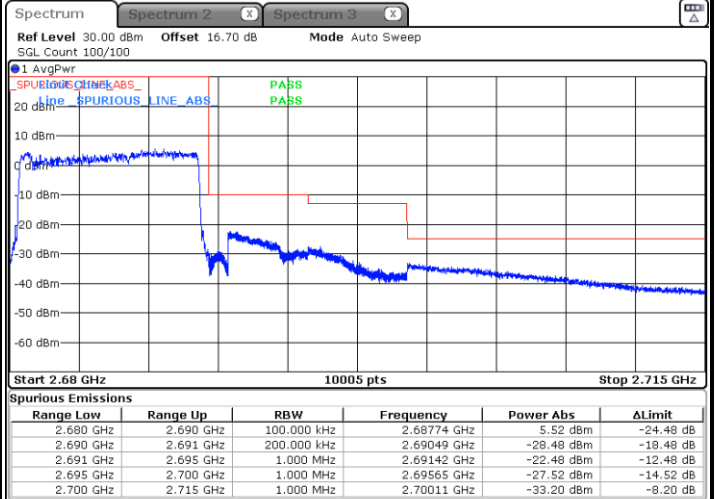
Date: 5 MAY 2020 21:59:52

Lowest Band Edge / Full RB



Date: 5 MAY 2020 21:59:12

Highest Band Edge / Full RB

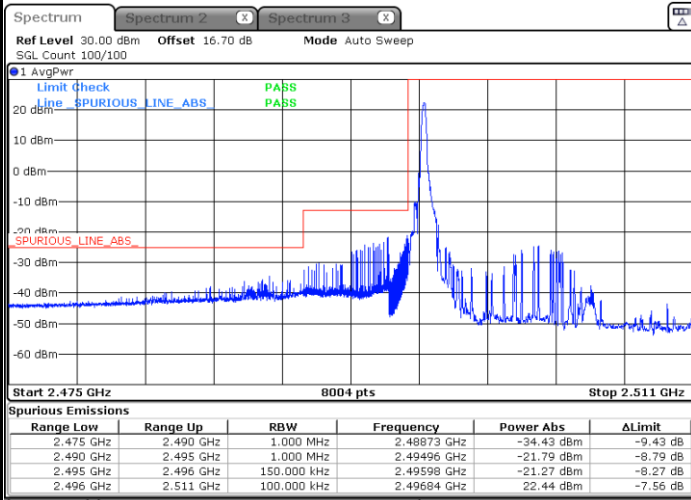


Date: 5 MAY 2020 22:00:33



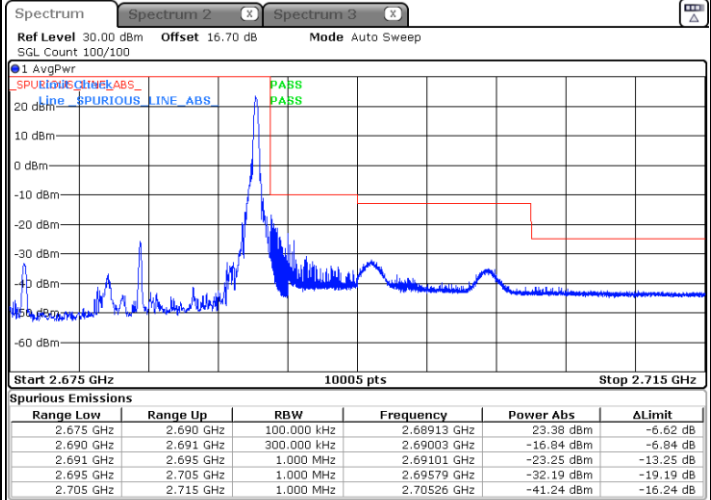
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



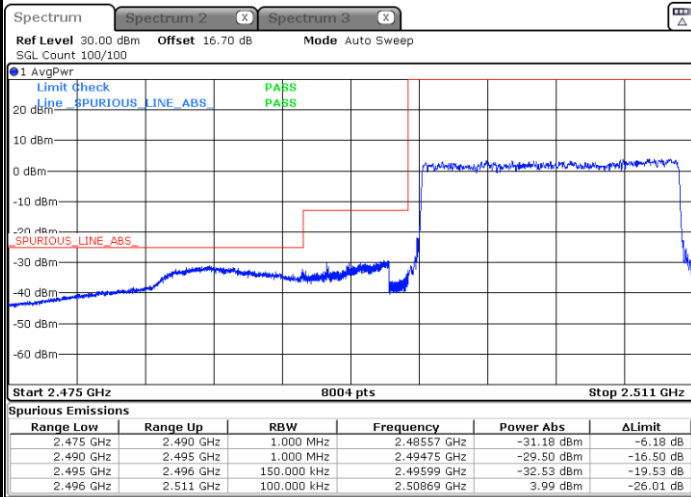
Date: 5 MAY 2020 22:03:58

Highest Band Edge / 1 RB



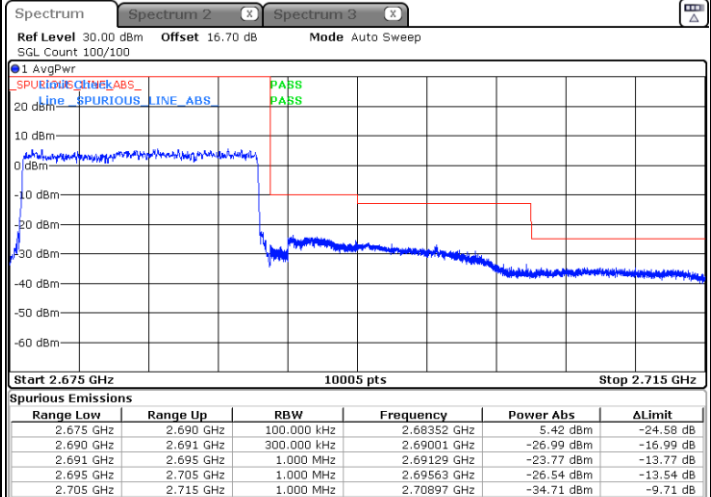
Date: 5 MAY 2020 22:06:40

Lowest Band Edge / Full RB



Date: 5 MAY 2020 22:05:19

Highest Band Edge / Full RB

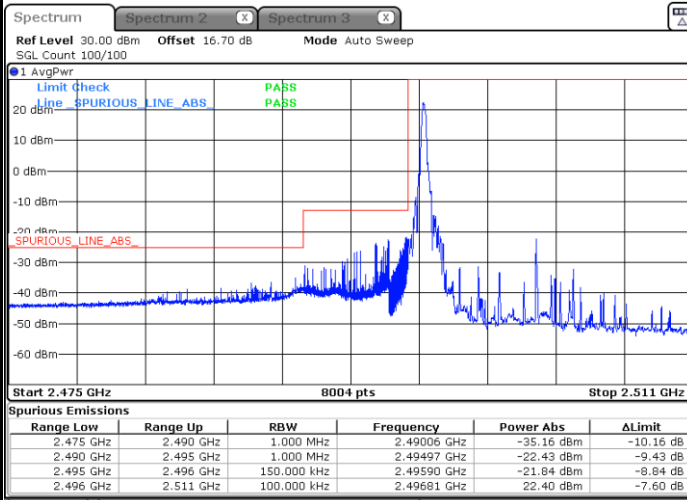


Date: 5 MAY 2020 22:08:01



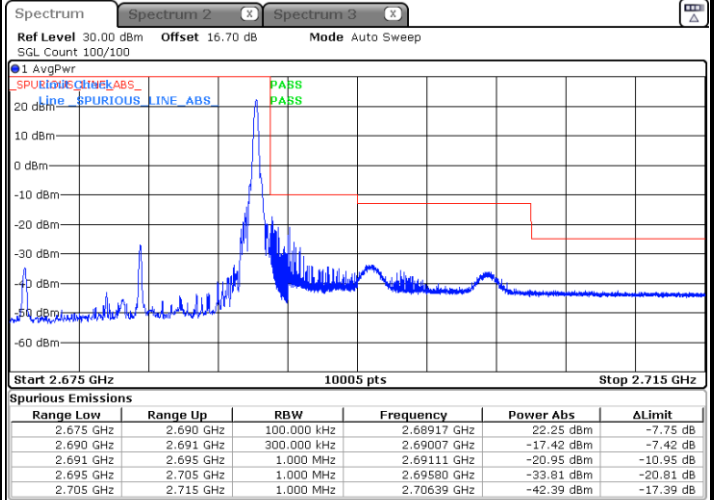
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



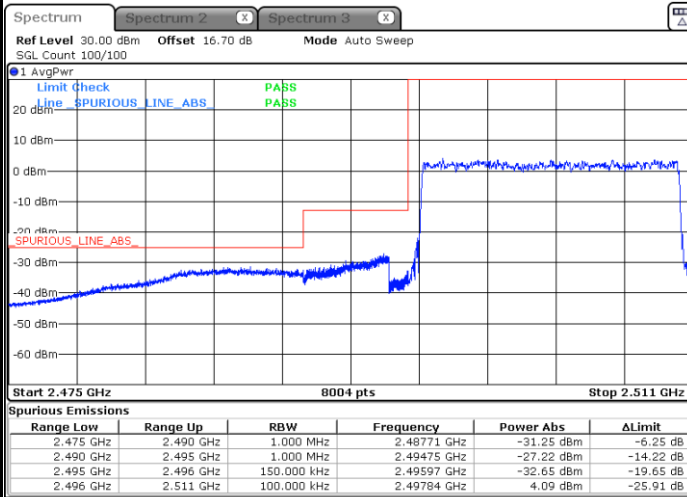
Date: 5 MAY 2020 22:04:38

Highest Band Edge / 1 RB



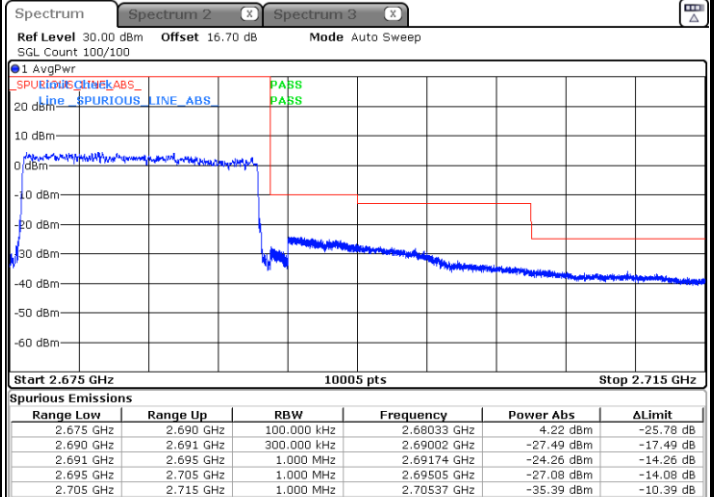
Date: 5 MAY 2020 22:07:20

Lowest Band Edge / Full RB



Date: 5 MAY 2020 22:06:00

Highest Band Edge / Full RB

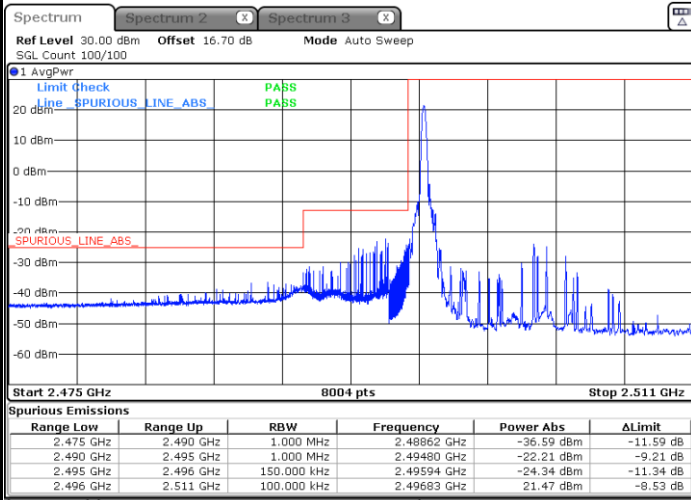


Date: 5 MAY 2020 22:08:42



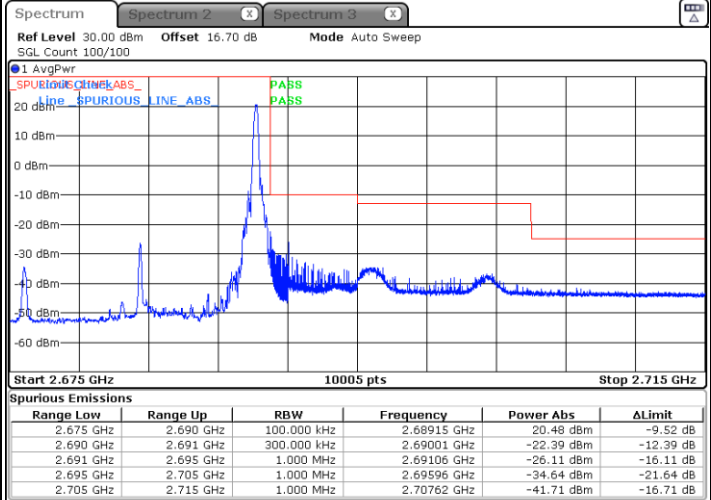
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



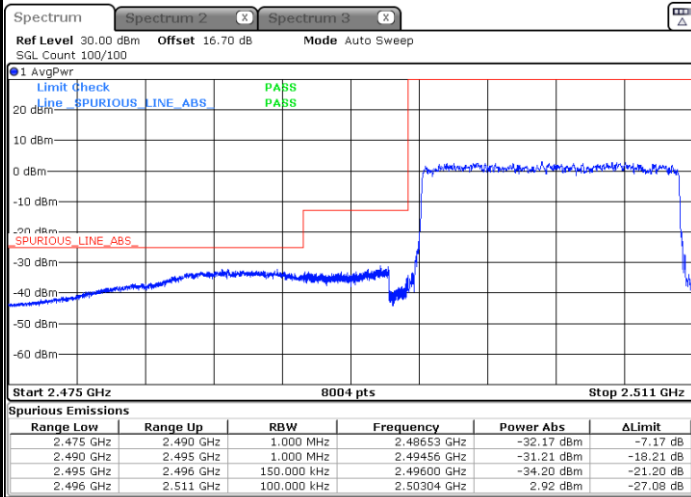
Date: 5 MAY 2020 22:01:15

Highest Band Edge / 1 RB



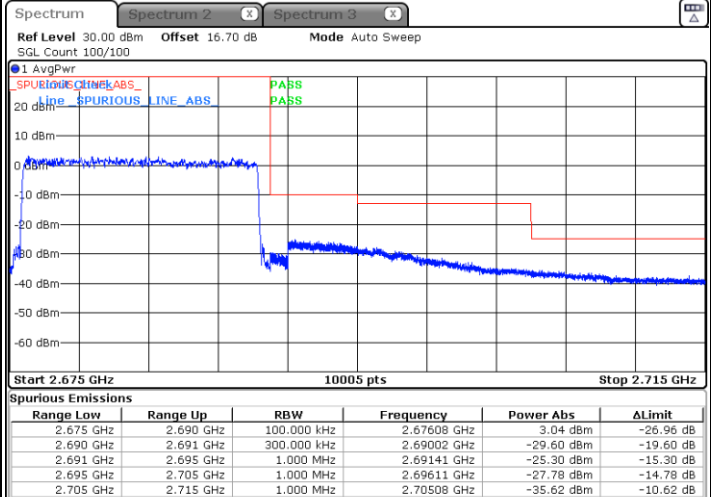
Date: 5 MAY 2020 22:02:36

Lowest Band Edge / Full RB



Date: 5 MAY 2020 22:01:56

Highest Band Edge / Full RB

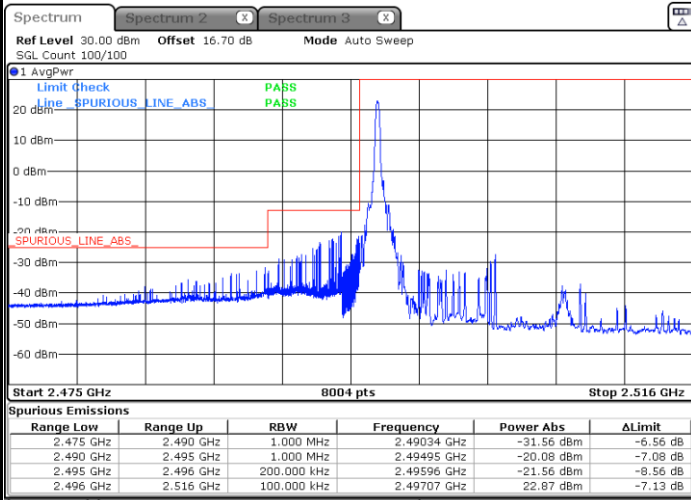


Date: 5 MAY 2020 22:03:16



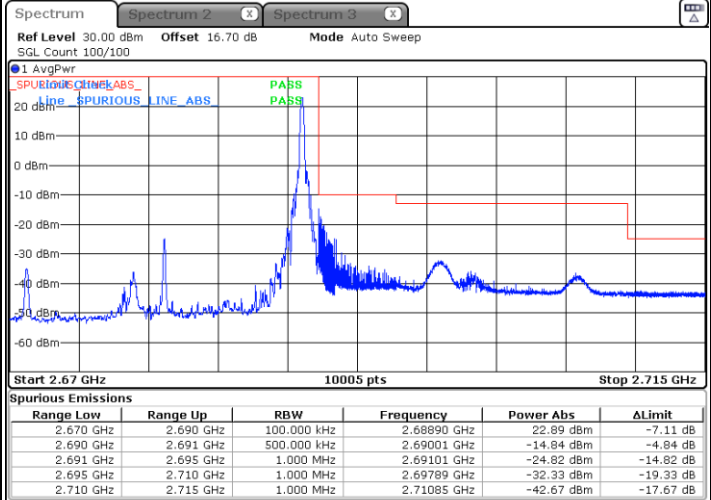
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



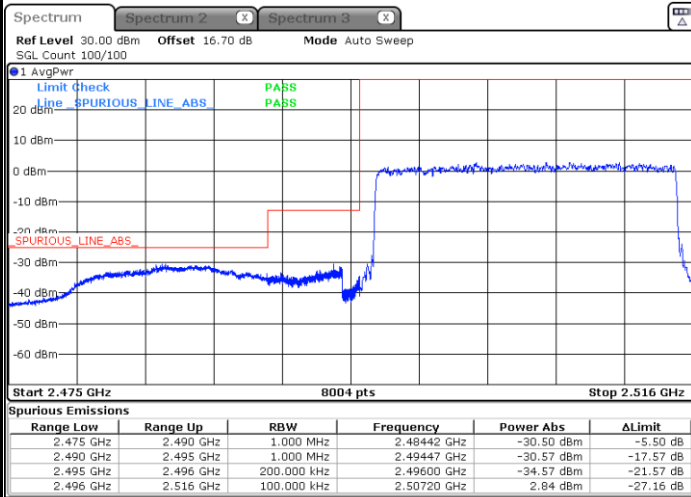
Date: 5 MAY 2020 22:09:24

Highest Band Edge / 1 RB



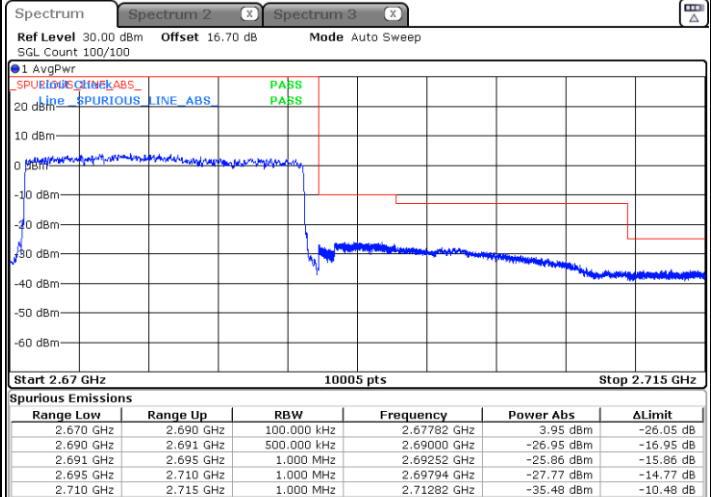
Date: 5 MAY 2020 22:12:05

Lowest Band Edge / Full RB



Date: 5 MAY 2020 22:10:45

Highest Band Edge / Full RB

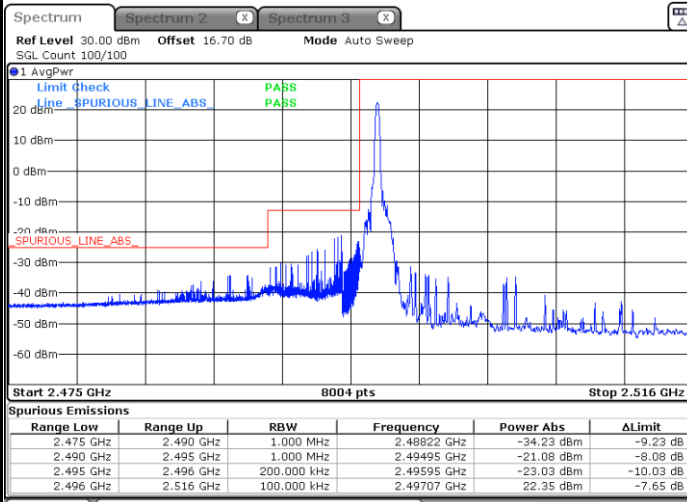


Date: 5 MAY 2020 22:14:08



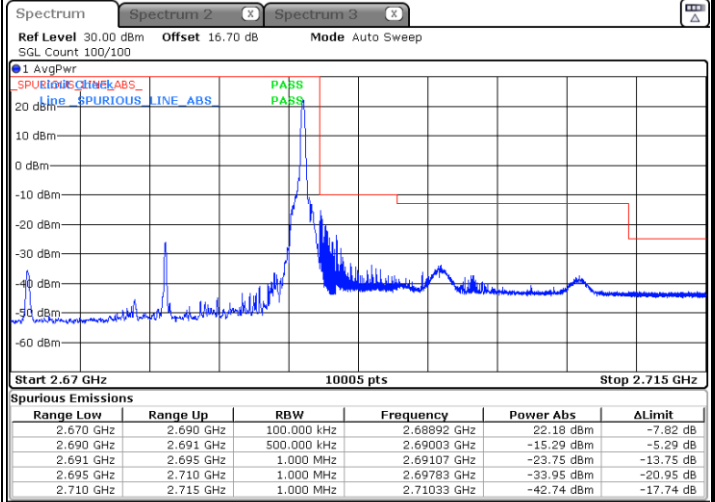
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



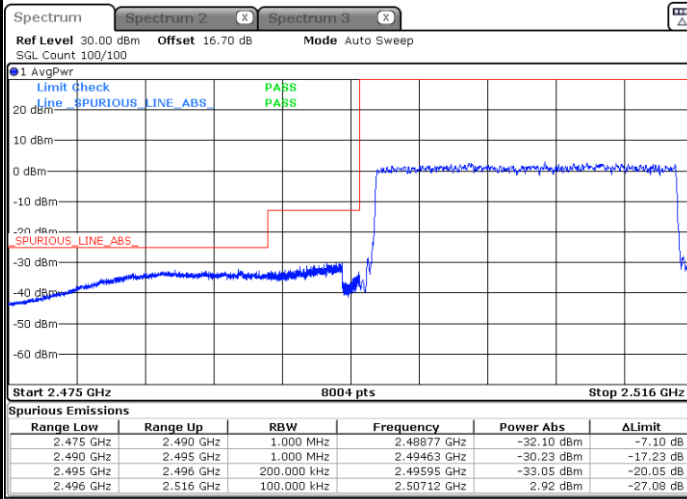
Date: 5 MAY 2020 22:10:04

Highest Band Edge / 1 RB



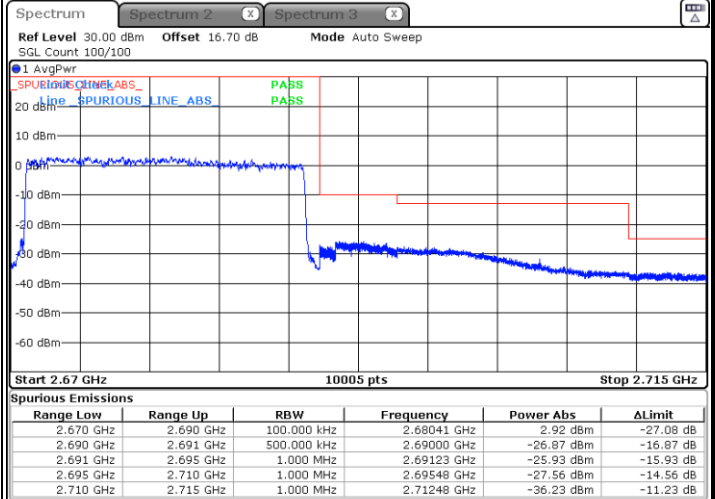
Date: 5 MAY 2020 22:12:46

Lowest Band Edge / Full RB



Date: 5 MAY 2020 22:11:25

Highest Band Edge / Full RB

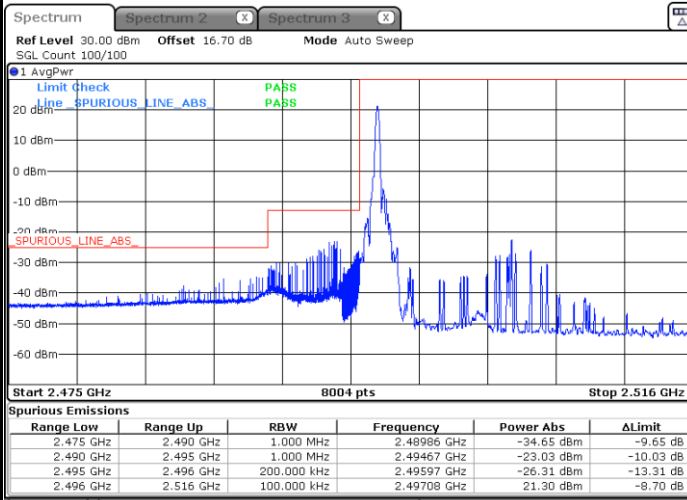


Date: 5 MAY 2020 22:13:27



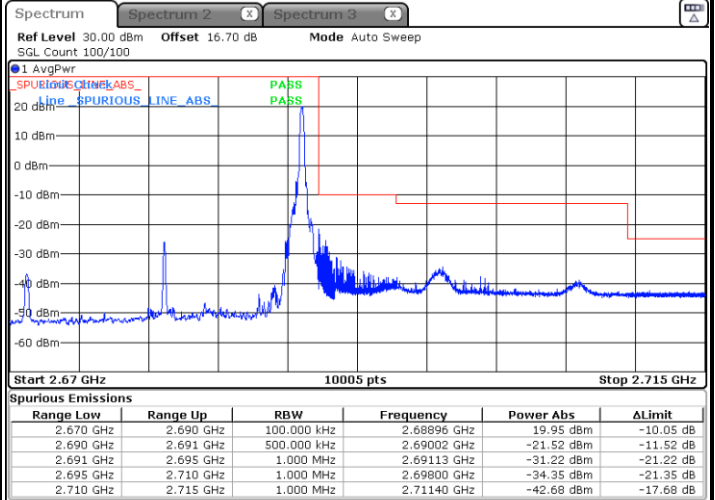
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



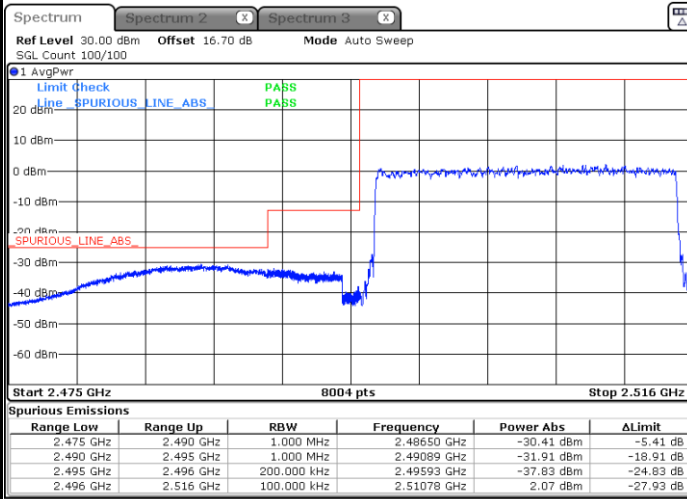
Date: 5 MAY 2020 22:14:49

Highest Band Edge / 1 RB



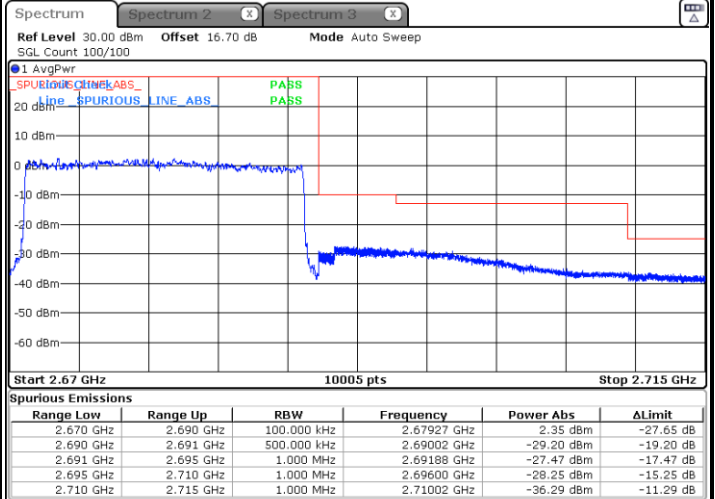
Date: 5 MAY 2020 22:16:10

Lowest Band Edge / Full RB



Date: 5 MAY 2020 22:15:30

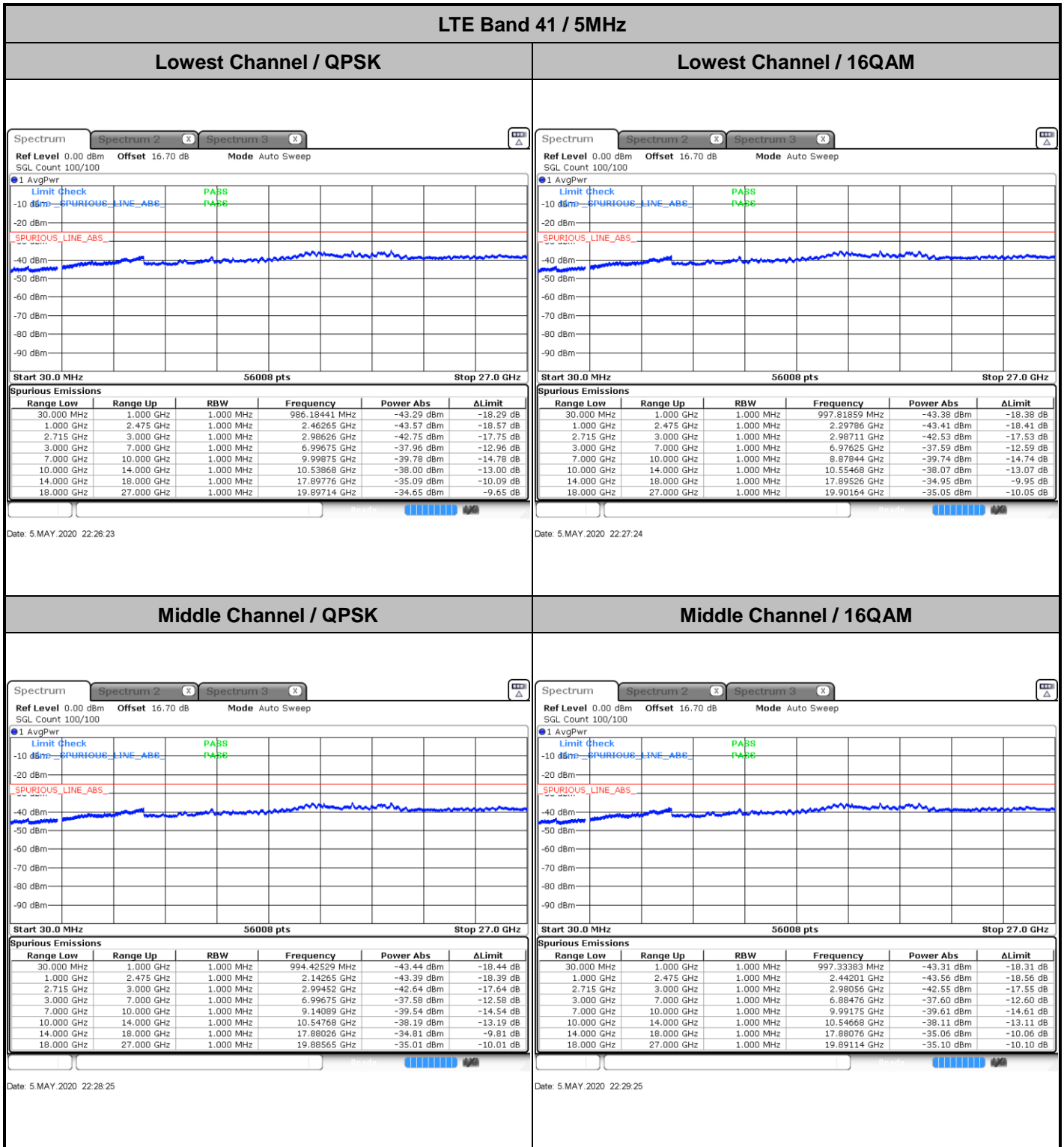
Highest Band Edge / Full RB



Date: 5 MAY 2020 22:16:50



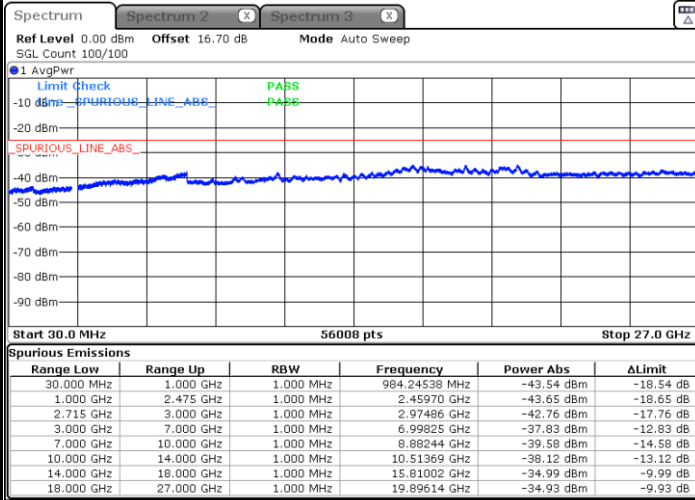
Conducted Spurious Emission





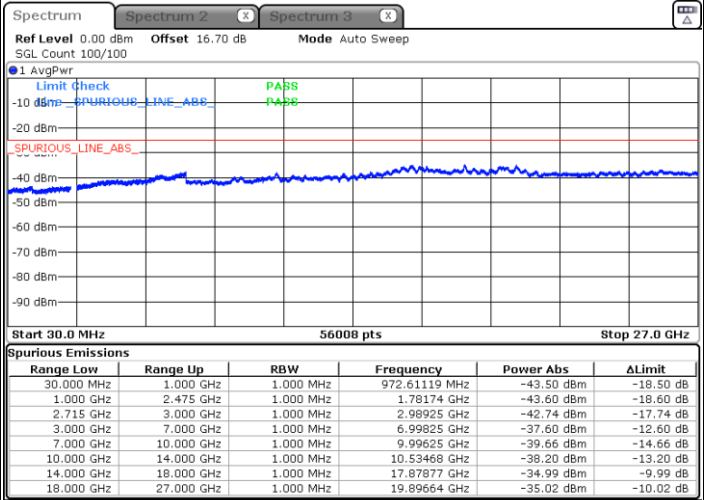
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 5 MAY.2020 22:30:26

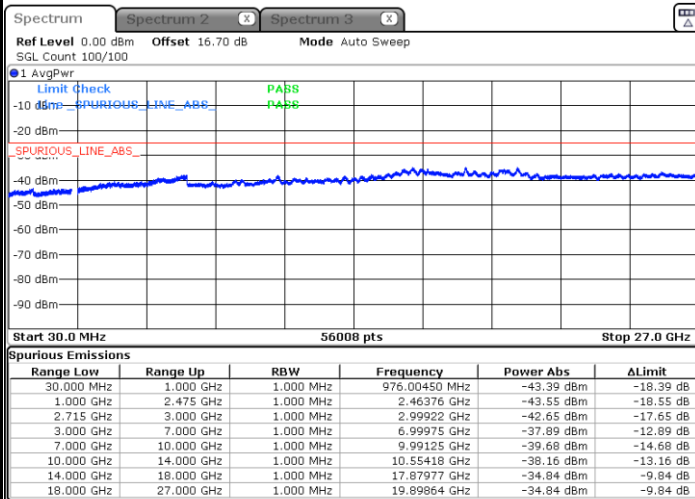
Highest Channel / 16QAM



Date: 5 MAY.2020 22:31:27

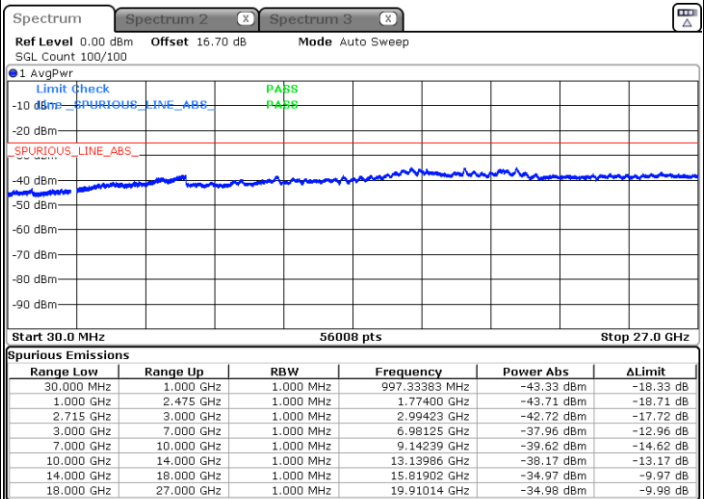
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 5 MAY.2020 22:35:31

Lowest Channel / 16QAM



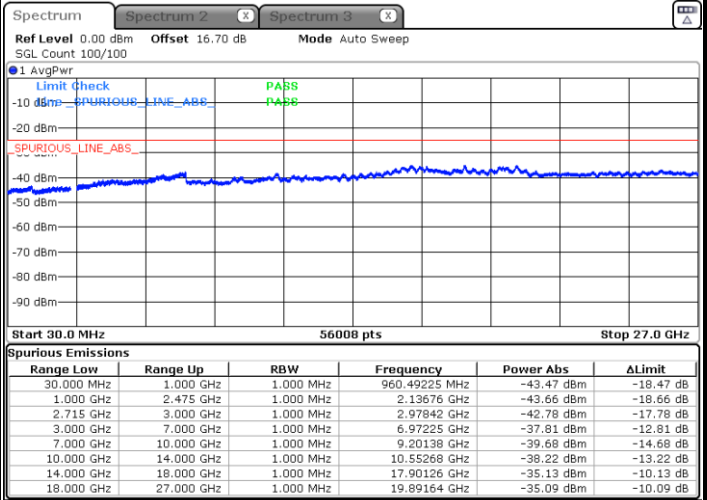
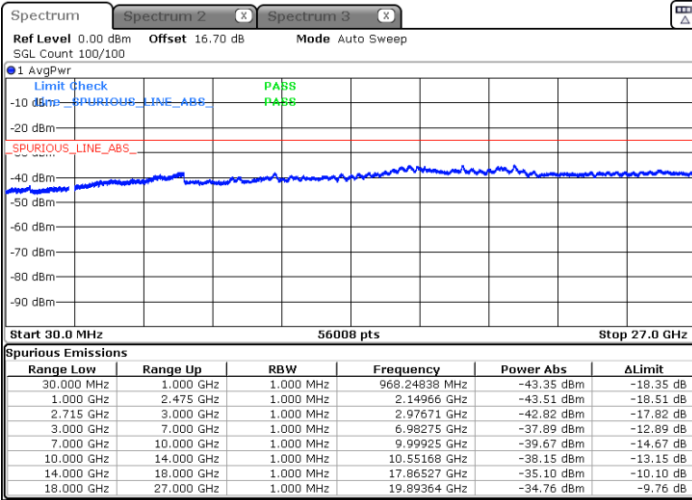
Date: 5 MAY.2020 22:36:32



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

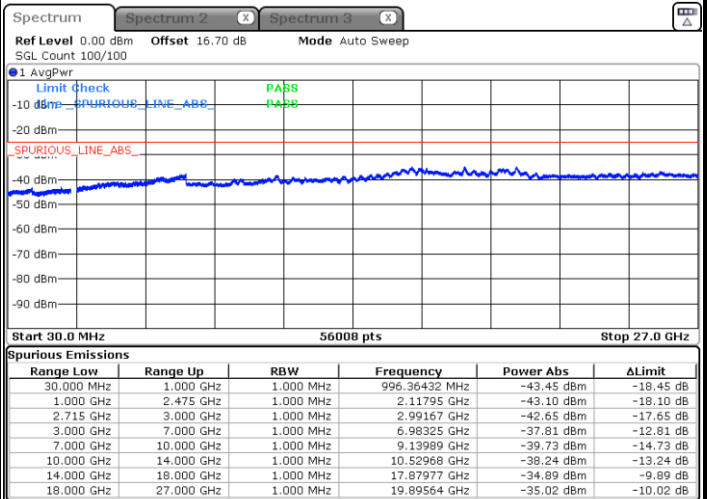
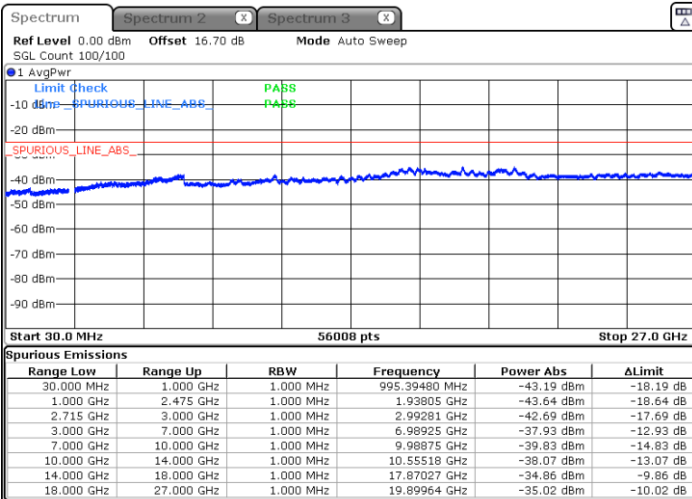


Date: 5 MAY.2020 22:37:33

Date: 5 MAY.2020 22:38:33

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5 MAY.2020 22:39:34

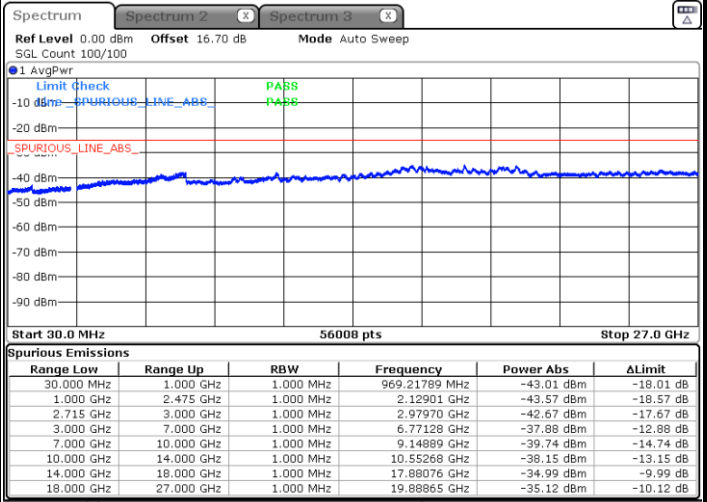
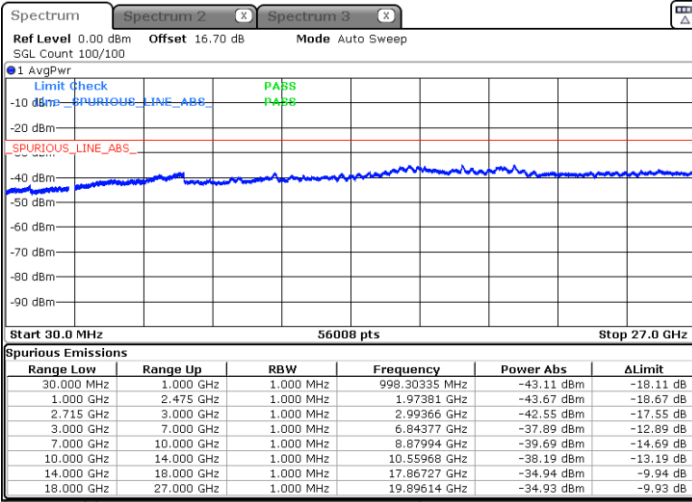
Date: 5 MAY.2020 22:40:35



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

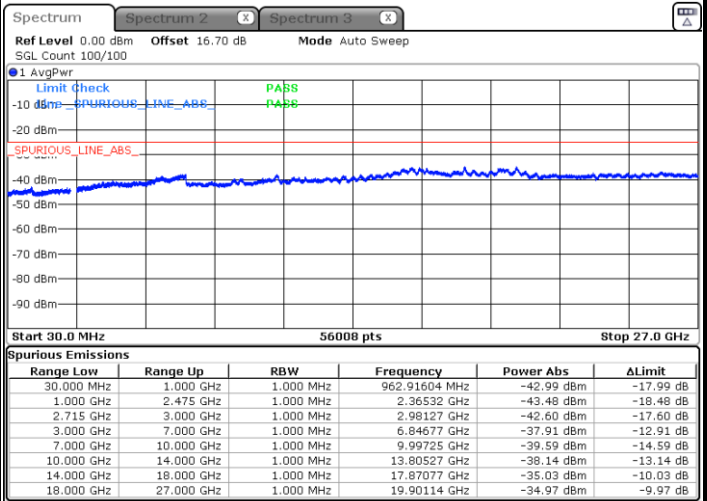
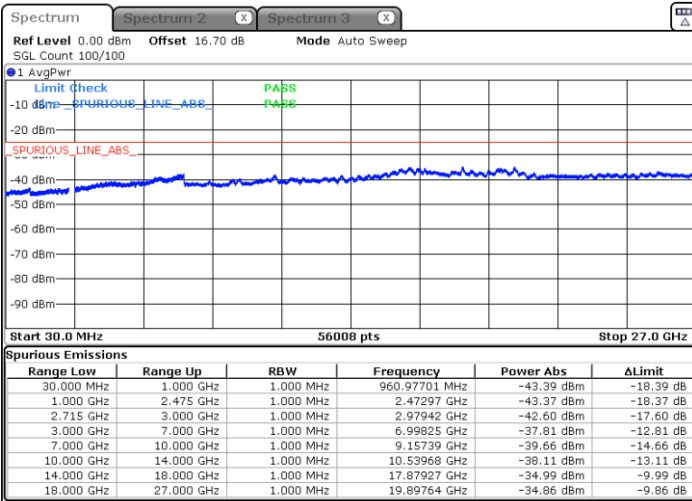


Date: 5 MAY 2020 22:41:37

Date: 5 MAY 2020 22:42:38

Middle Channel / QPSK

Middle Channel / 16QAM



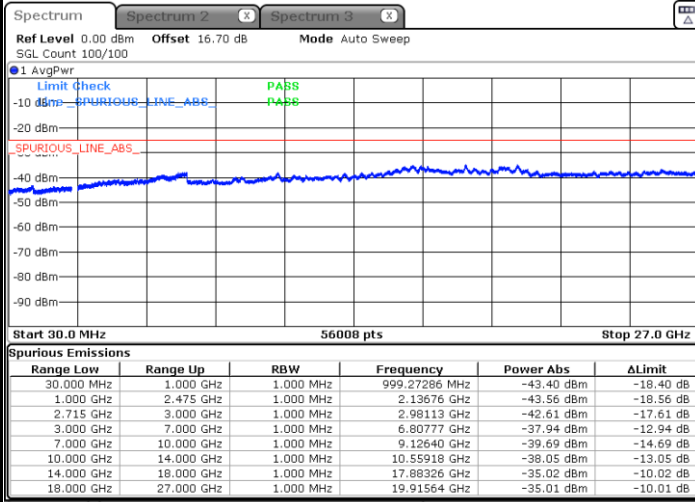
Date: 5 MAY 2020 22:43:39

Date: 5 MAY 2020 22:44:39



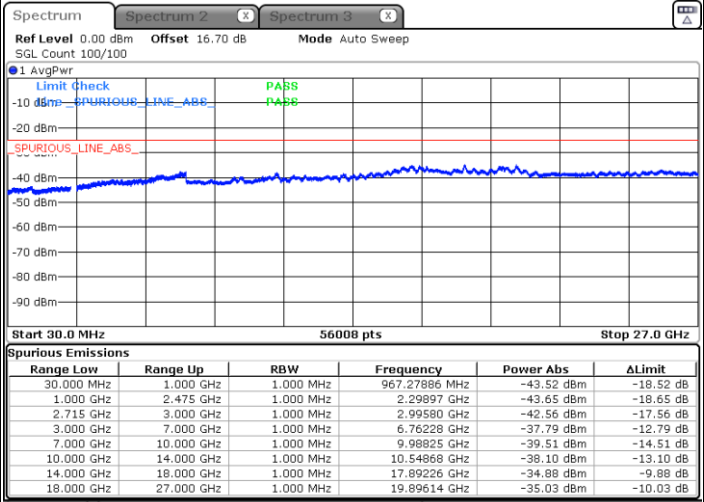
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 5 MAY 2020 22:45:40

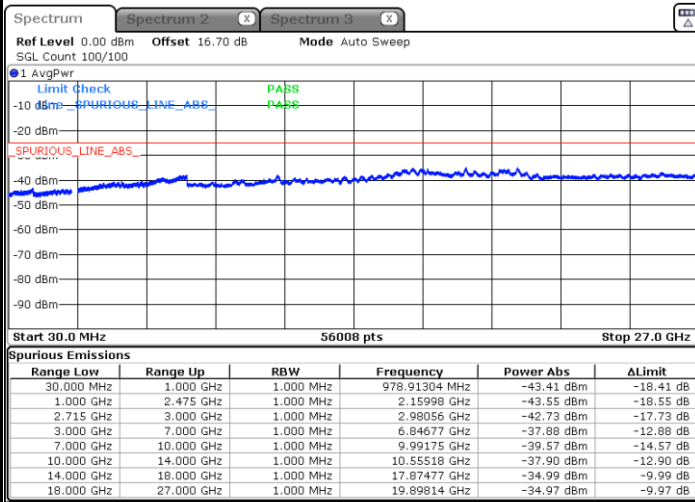
Highest Channel / 16QAM



Date: 5 MAY 2020 22:46:41

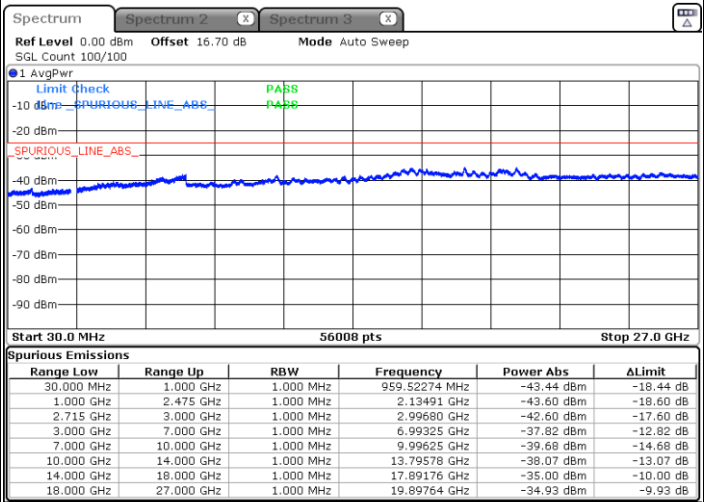
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 5 MAY 2020 22:53:47

Lowest Channel / 16QAM



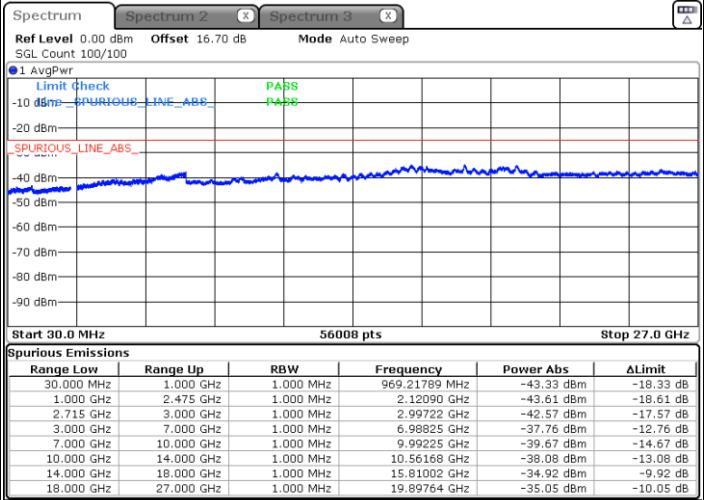
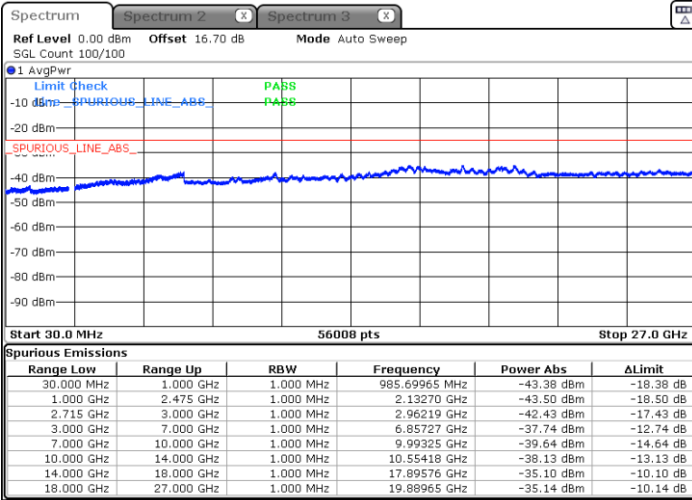
Date: 5 MAY 2020 22:54:48



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

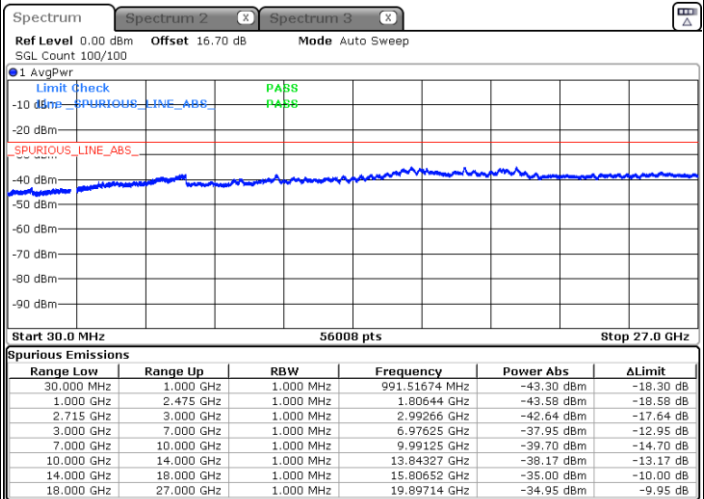
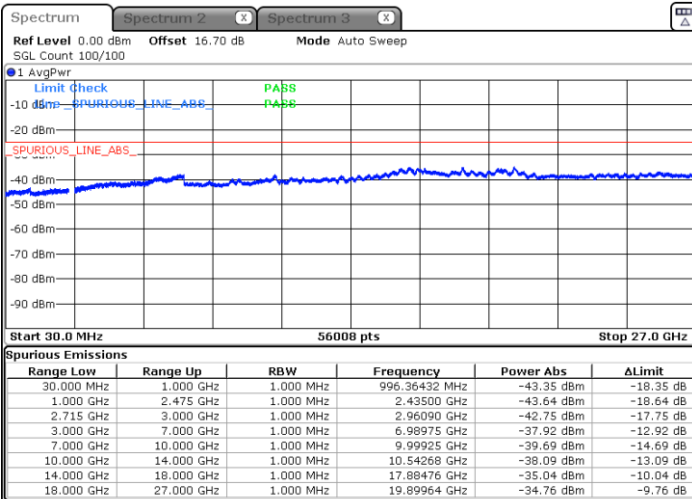


Date: 5 MAY.2020 22:55:49

Date: 5 MAY.2020 22:56:49

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5 MAY.2020 22:57:50

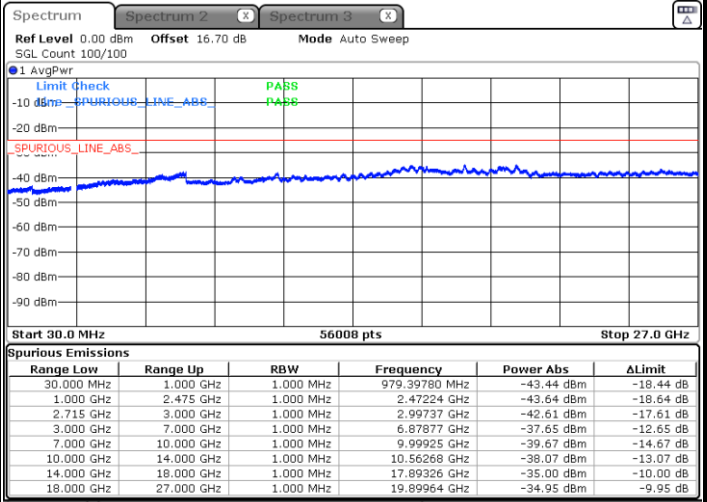
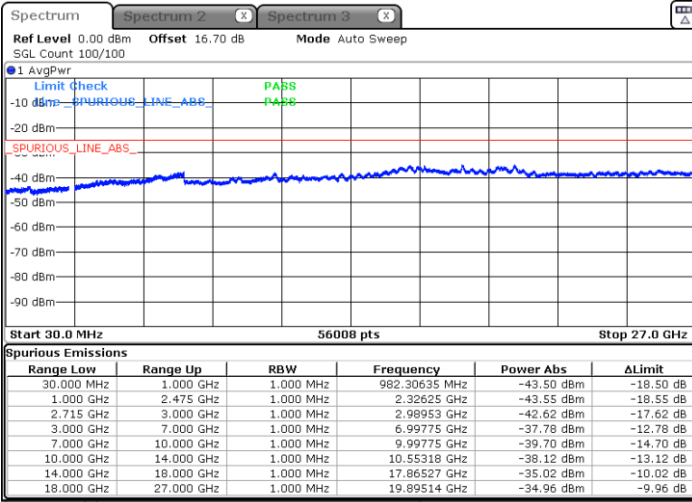
Date: 5 MAY.2020 22:58:51



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

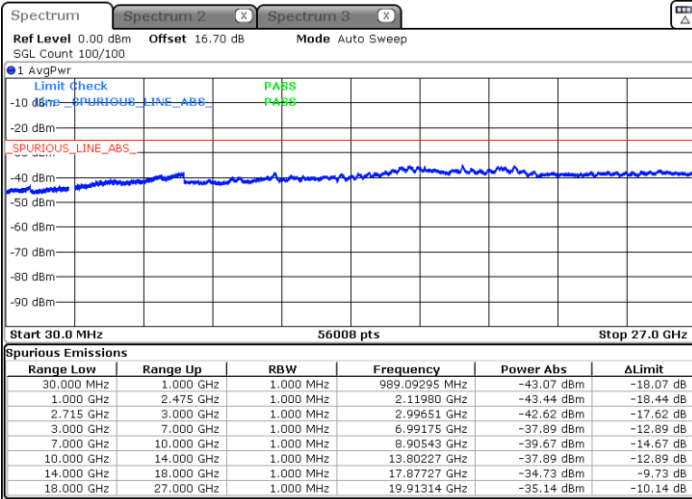
Middle Channel / 64QAM



Date: 5 MAY 2020 22:23:21

Date: 5 MAY 2020 22:24:22

Highest Channel / 64QAM



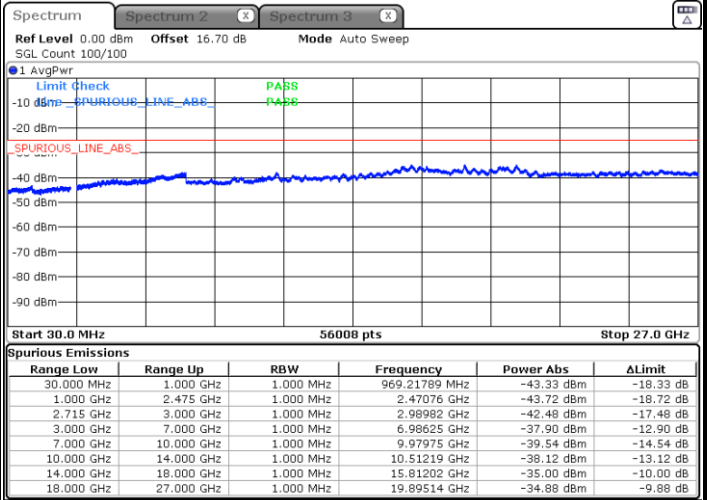
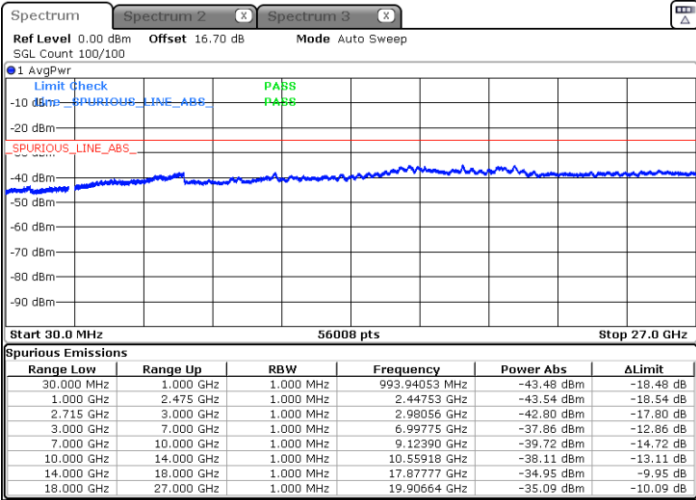
Date: 5 MAY 2020 22:25:22



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

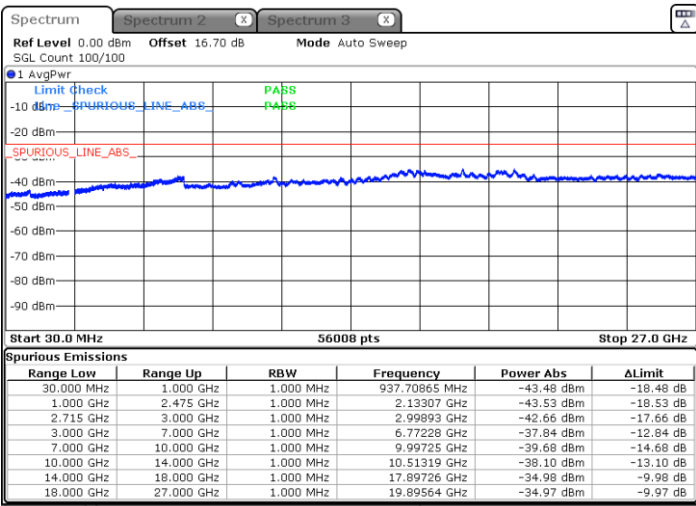
Middle Channel / 64QAM



Date: 5 MAY 2020 22:32:29

Date: 5 MAY 2020 22:33:29

Highest Channel / 64QAM



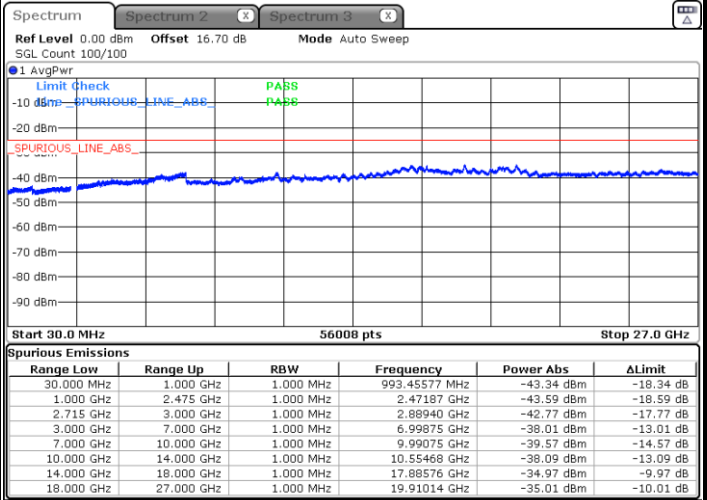
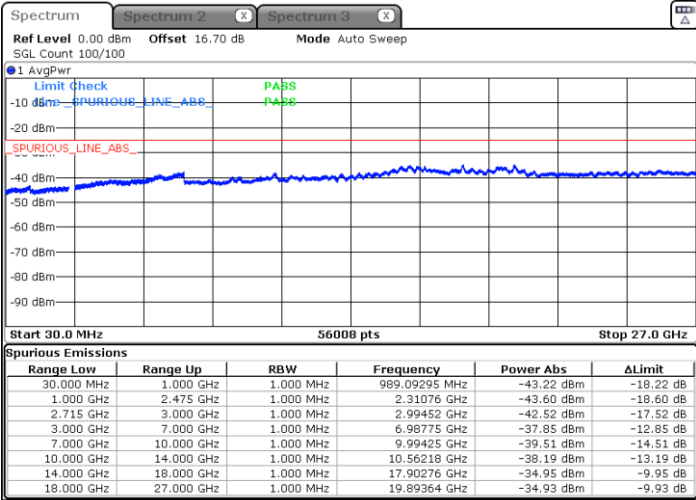
Date: 5 MAY 2020 22:34:30



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

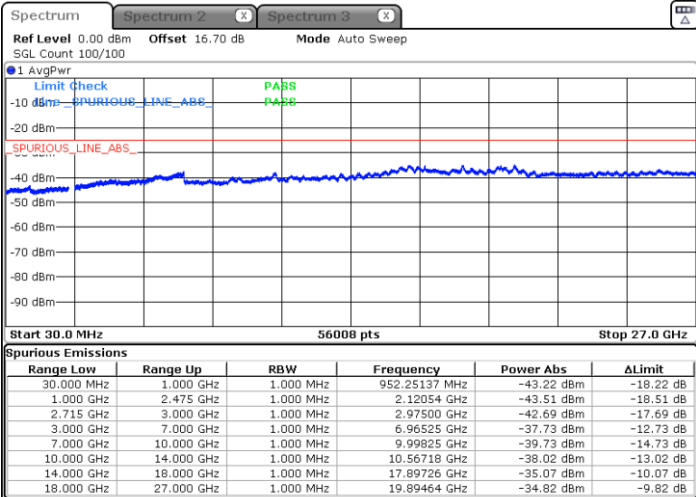
Middle Channel / 64QAM



Date: 5 MAY 2020 22:47:42

Date: 5 MAY 2020 22:48:43

Highest Channel / 64QAM



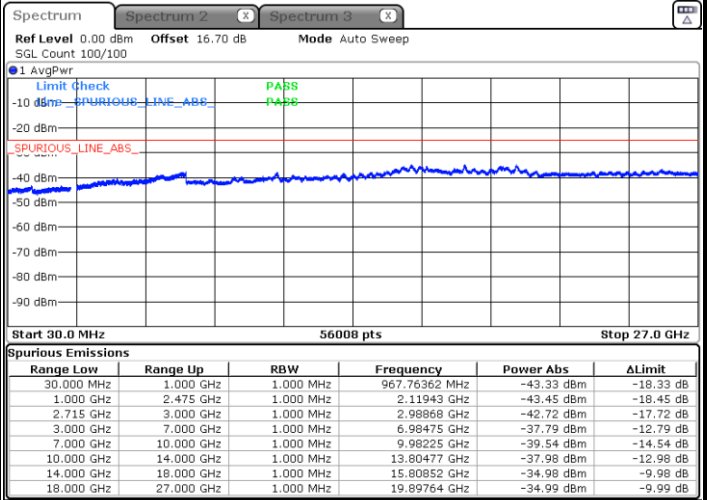
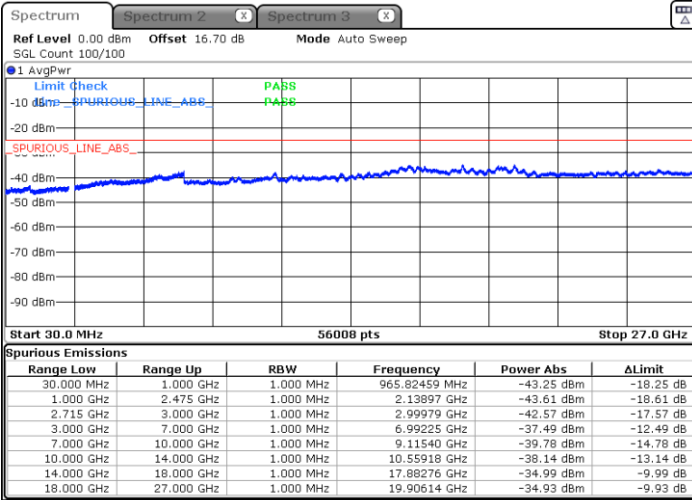
Date: 5 MAY 2020 22:49:43



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

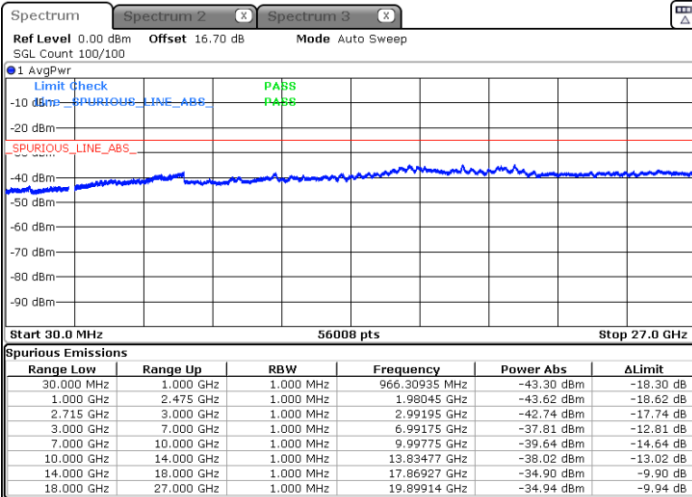
Middle Channel / 64QAM



Date: 5 MAY 2020 22:50:45

Date: 5 MAY 2020 22:51:46

Highest Channel / 64QAM



Date: 5 MAY 2020 22:52:46



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	0.0002	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0038	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0073	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0016	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.49 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
Lowest CH	24.68	24.98	29.73	25.13	30.45
Middle CH	24.83	25.13	29.67	25.18	30.51
Highest CH	24.78	25.13	29.79	25.18	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.62	24.88	29.91	35.04	39.80
Middle CH	34.83	24.93	30.09	34.90	39.72
Highest CH	34.62	24.98	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
Lowest CH	24.58	25.13	29.85	25.23	30.51
Middle CH	24.73	25.08	29.91	25.13	30.45
Highest CH	24.63	25.08	29.91	25.18	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.62	24.88	29.91	34.97	39.72
Middle CH	34.69	24.83	30.15	34.76	39.80
Highest CH	34.76	24.93	29.97	34.90	39.80

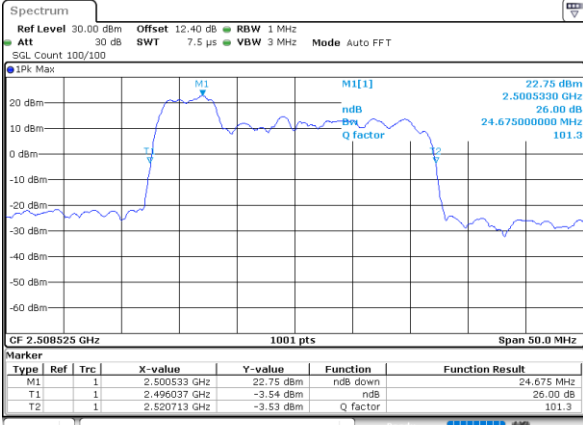
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.68	25.03	29.97	25.18	30.51
Middle CH	24.68	25.03	29.67	25.23	30.51
Highest CH	24.68	25.08	29.97	25.03	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.83	24.88	30.03	34.83	39.88
Middle CH	34.83	24.78	29.91	34.83	39.80
Highest CH	34.69	24.78	29.97	34.69	39.80



LTE Band 41C

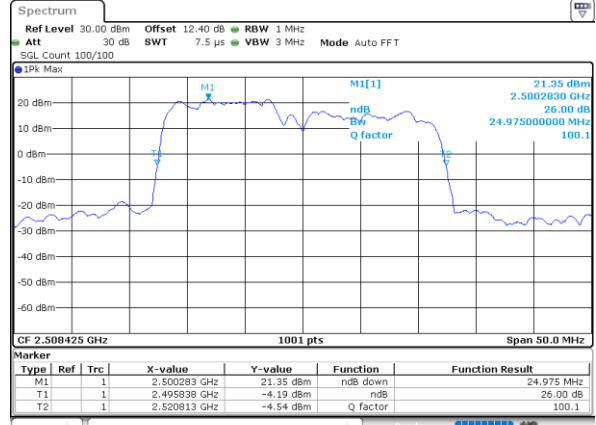
QPSK

Lowest Channel / 5MHz+20MHz



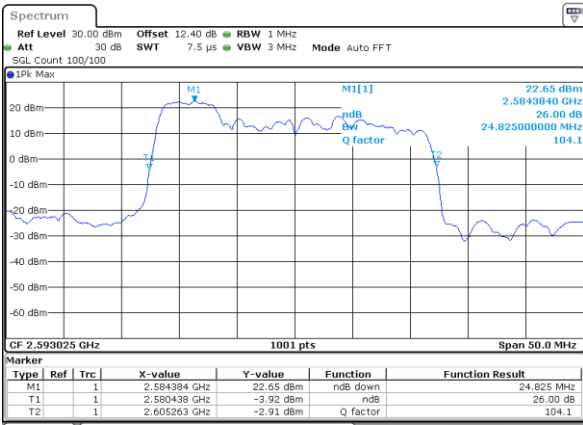
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Lowest Channel / 10MHz+15MHz



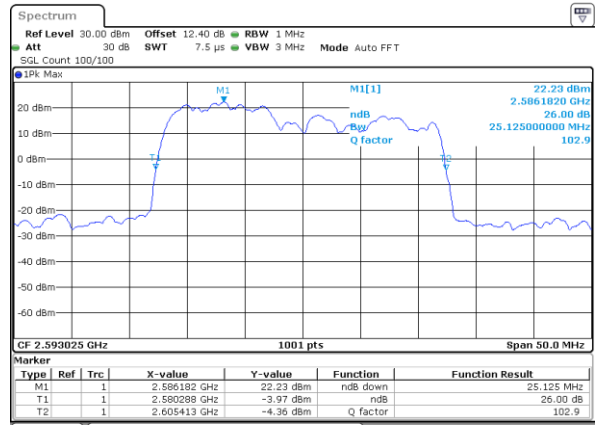
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Middle Channel / 5MHz+20MHz



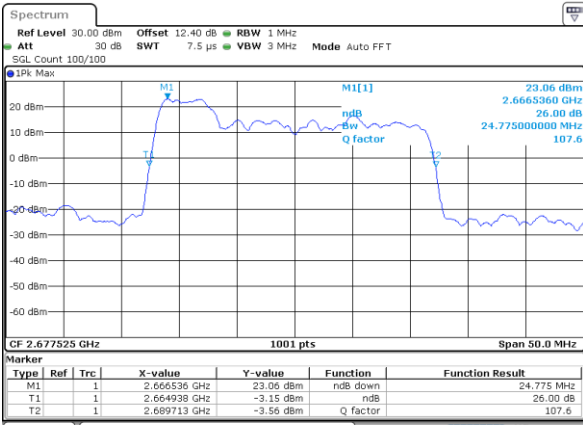
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Middle Channel / 10MHz+15MHz



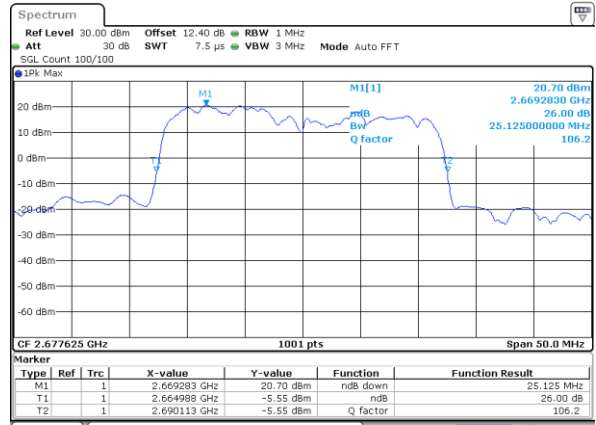
Date: 3..JUL.2020 03:09:45

Highest Channel / 5MHz+20MHz



Date: 3..JUL.2020 04:27:02

Highest Channel / 10MHz+15MHz



Date: 3..JUL.2020 03:22:32