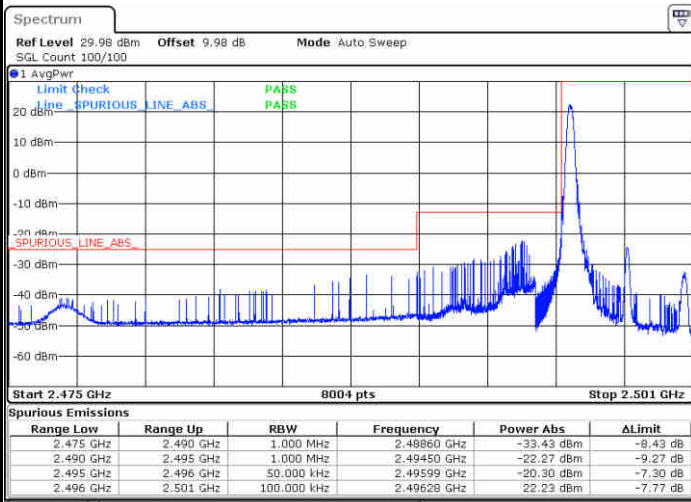




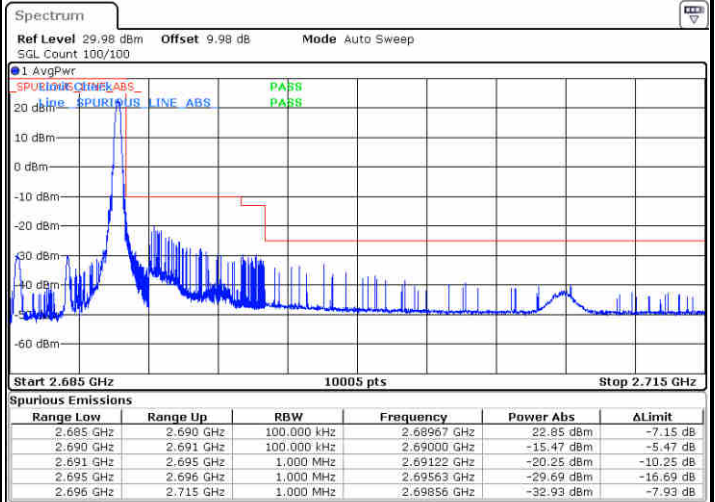
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



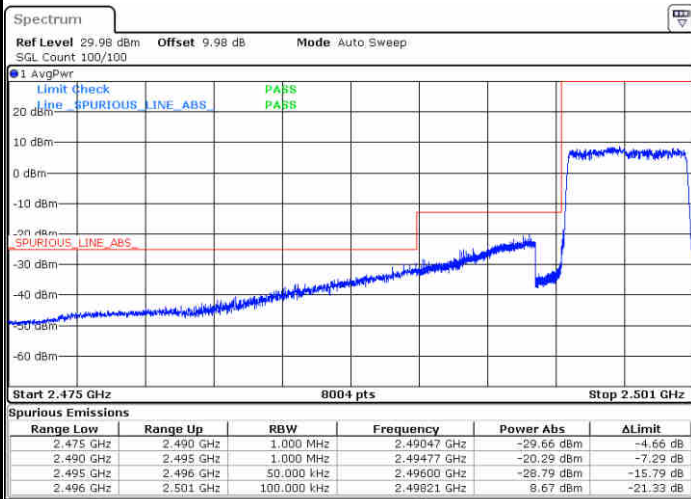
Date: 5,SEP,2020 14:27:15

Highest Band Edge / 1 RB



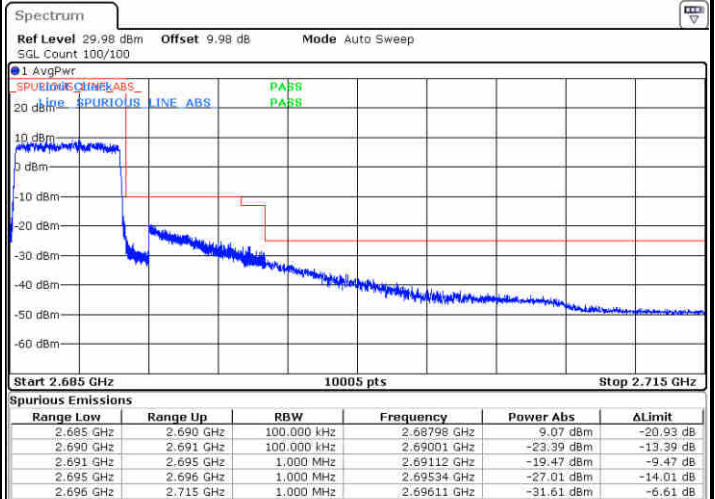
Date: 5,SEP,2020 14:42:49

Lowest Band Edge / Full RB



Date: 5,SEP,2020 14:26:48

Highest Band Edge / Full RB

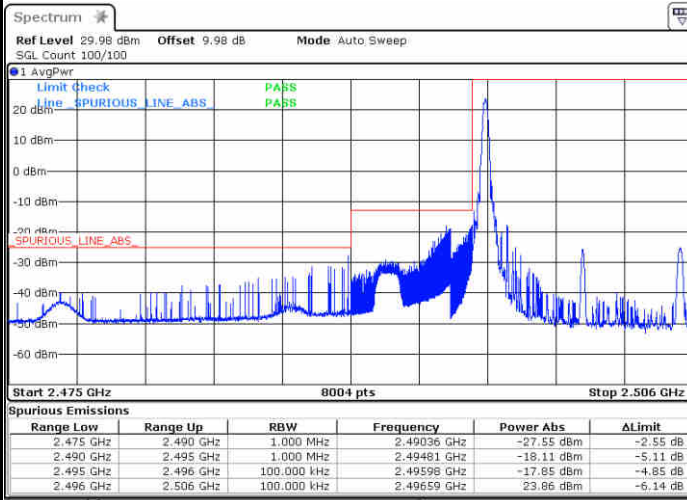


Date: 5,SEP,2020 14:43:09



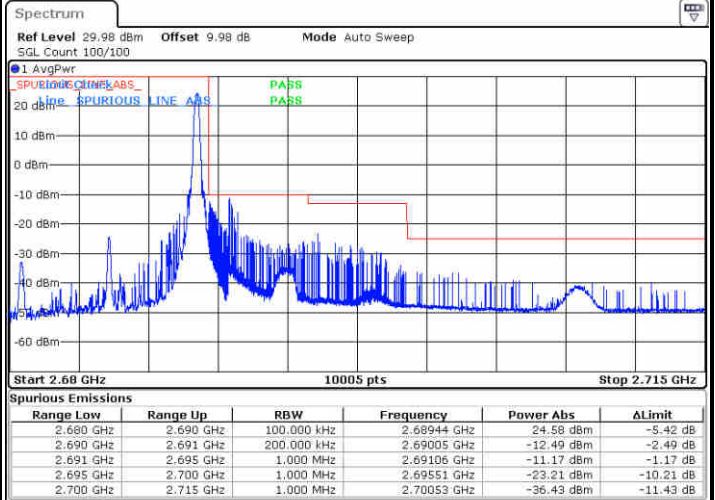
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



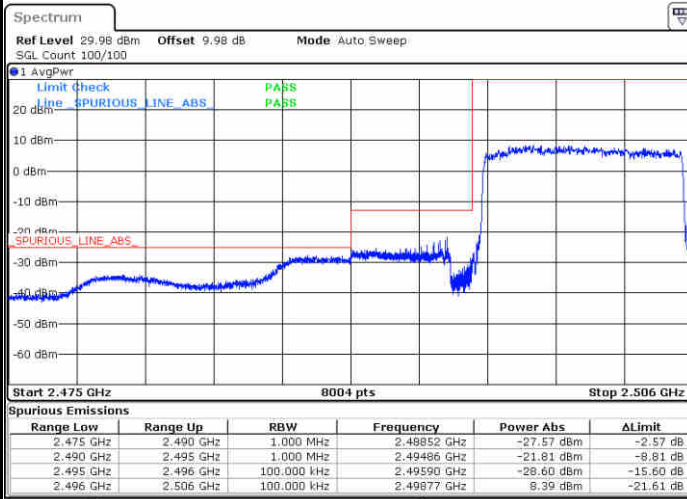
Date: 5,SEP,2020 15:52:27

Highest Band Edge / 1 RB



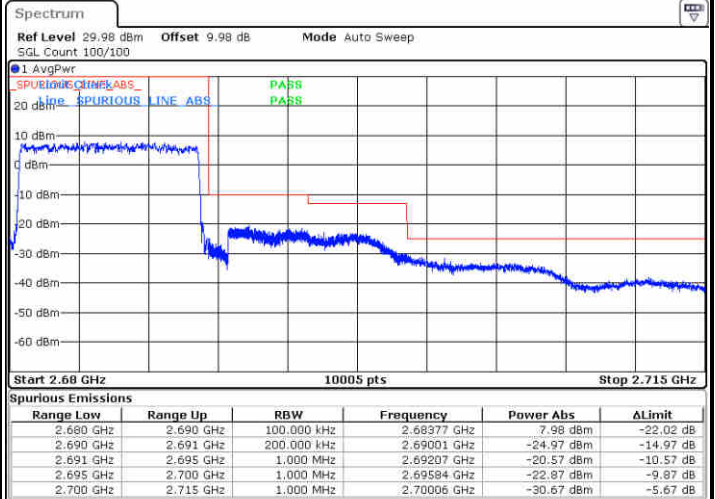
Date: 5,SEP,2020 14:55:34

Lowest Band Edge / Full RB



Date: 5,SEP,2020 14:49:32

Highest Band Edge / Full RB

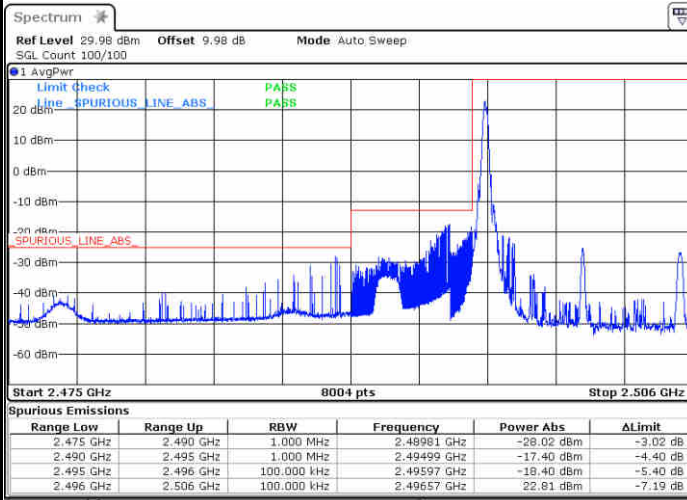


Date: 5,SEP,2020 14:57:50



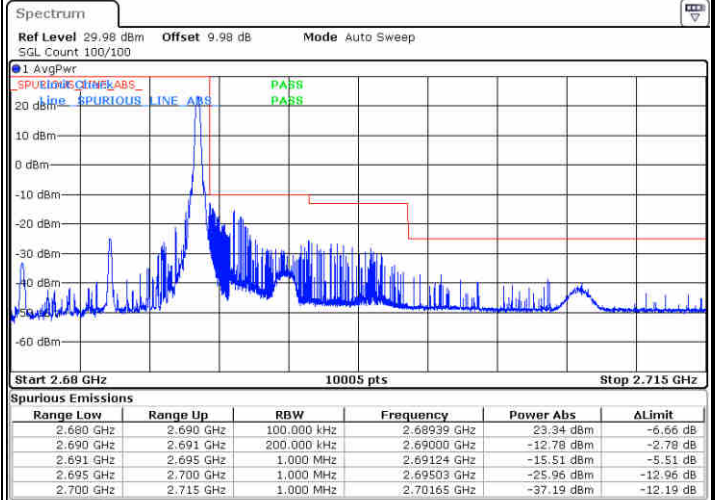
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



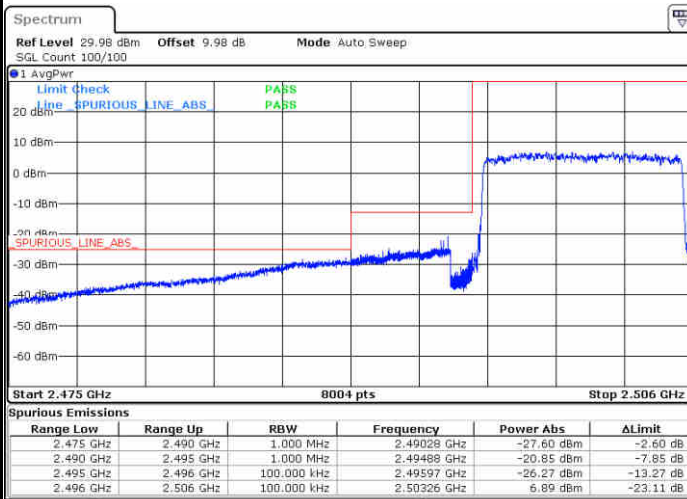
Date: 5,SEP,2020 15:53:01

Highest Band Edge / 1 RB



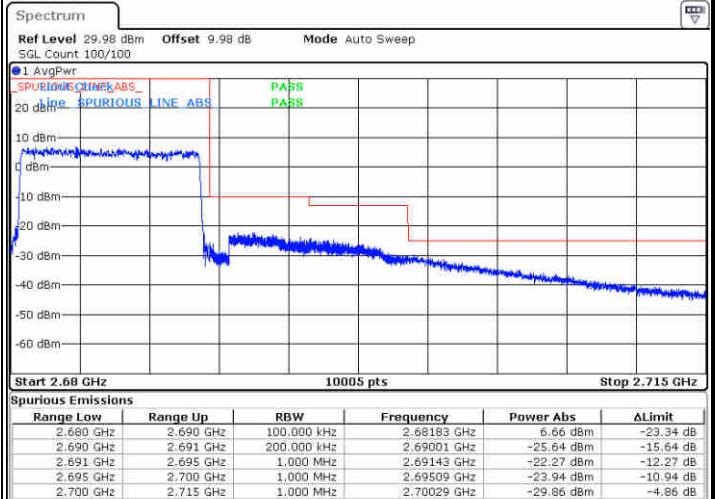
Date: 5,SEP,2020 14:56:42

Lowest Band Edge / Full RB



Date: 5,SEP,2020 14:50:41

Highest Band Edge / Full RB

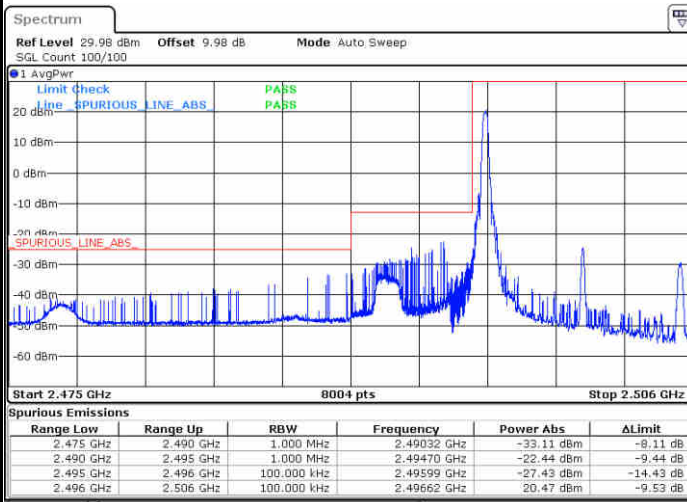


Date: 5,SEP,2020 14:58:58



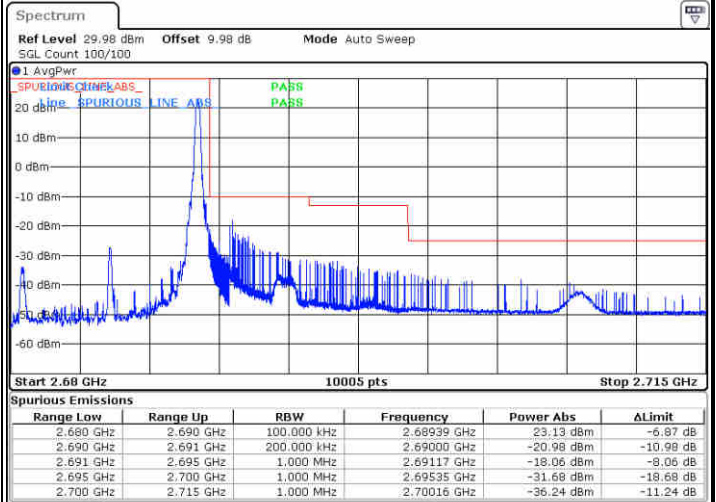
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



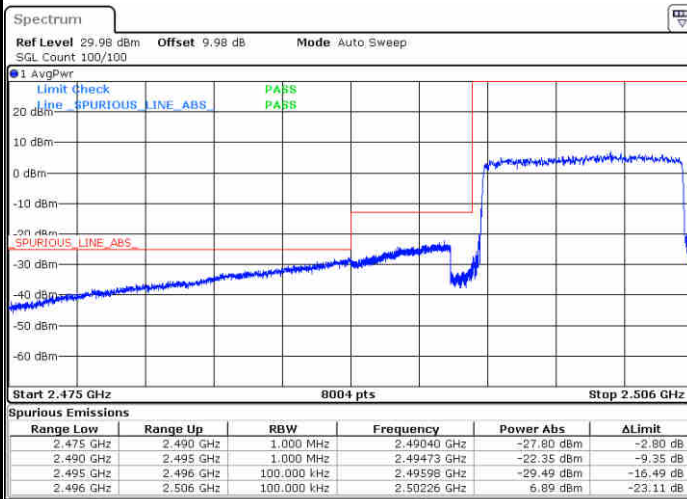
Date: 5,SEP,2020 14:45:40

Highest Band Edge / 1 RB



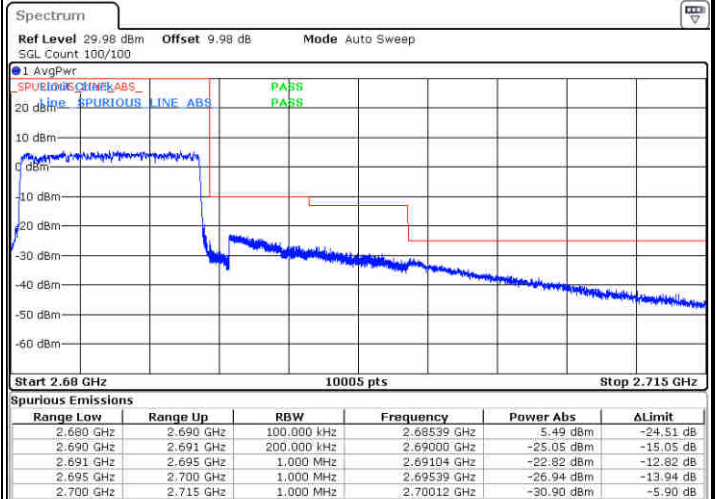
Date: 5,SEP,2020 15:53:54

Lowest Band Edge / Full RB



Date: 5,SEP,2020 14:45:22

Highest Band Edge / Full RB

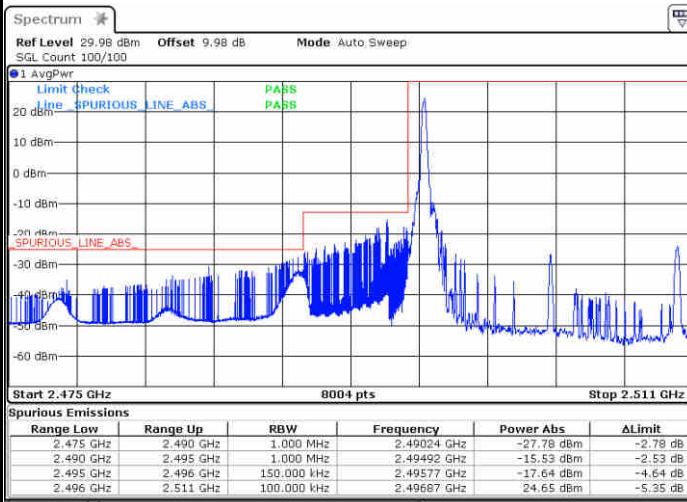


Date: 5,SEP,2020 15:54:20



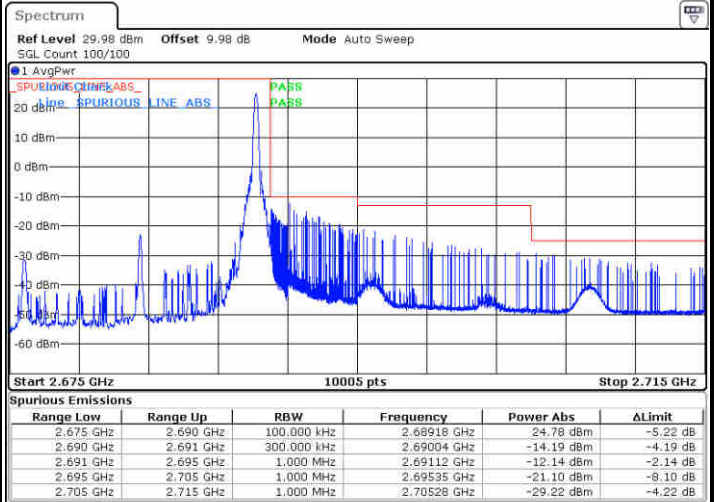
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



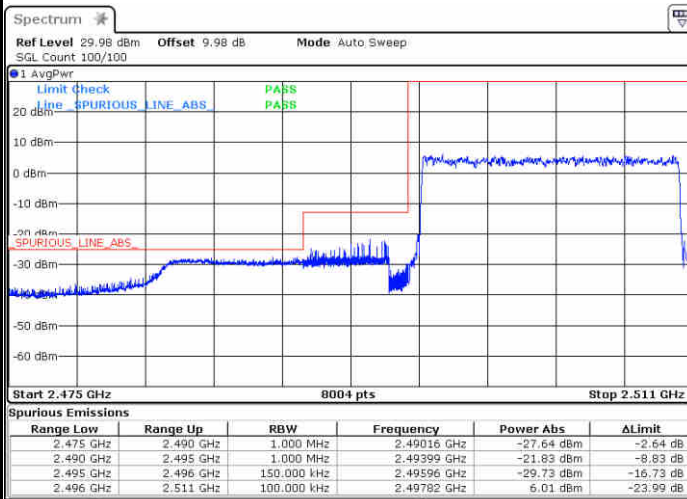
Date: 5,SEP,2020 16:00:50

Highest Band Edge / 1 RB



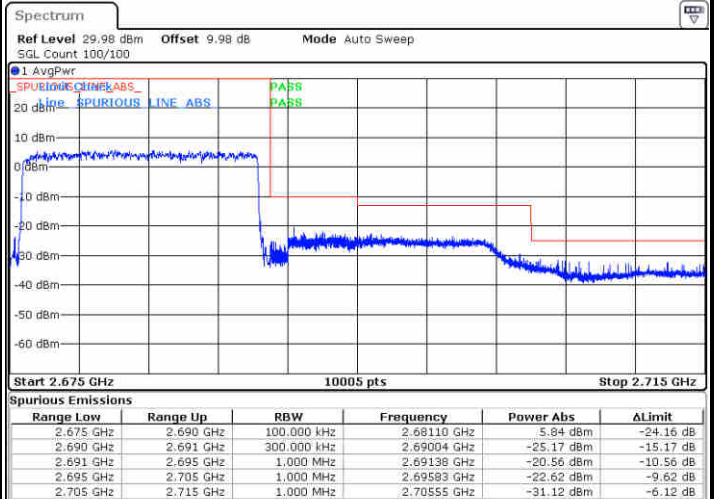
Date: 5,SEP,2020 15:11:57

Lowest Band Edge / Full RB



Date: 5,SEP,2020 16:03:40

Highest Band Edge / Full RB

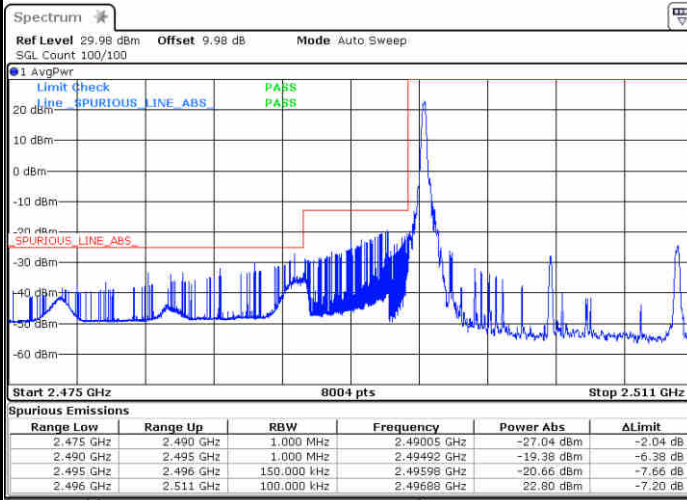


Date: 5,SEP,2020 15:14:14



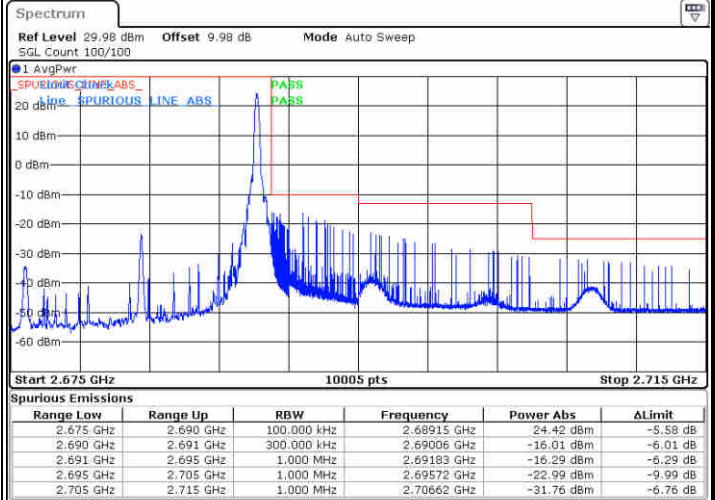
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



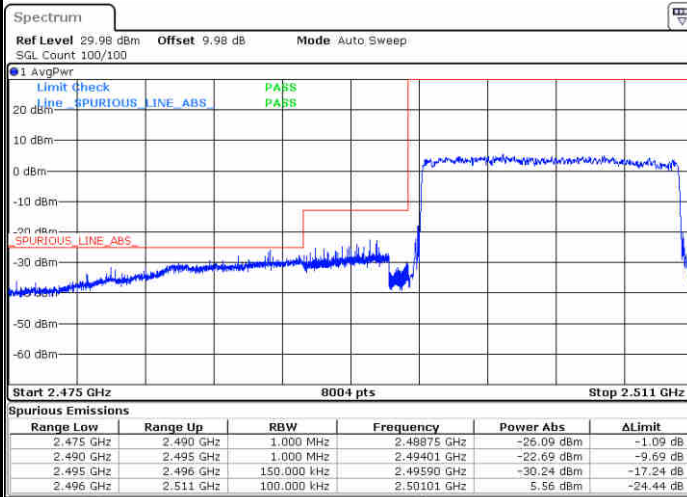
Date: 5,SEP,2020 16:01:25

Highest Band Edge / 1 RB



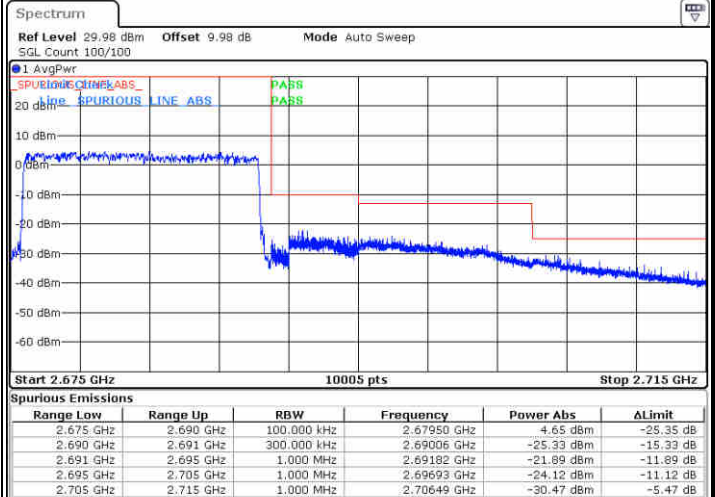
Date: 5,SEP,2020 15:13:05

Lowest Band Edge / Full RB



Date: 5,SEP,2020 15:07:03

Highest Band Edge / Full RB

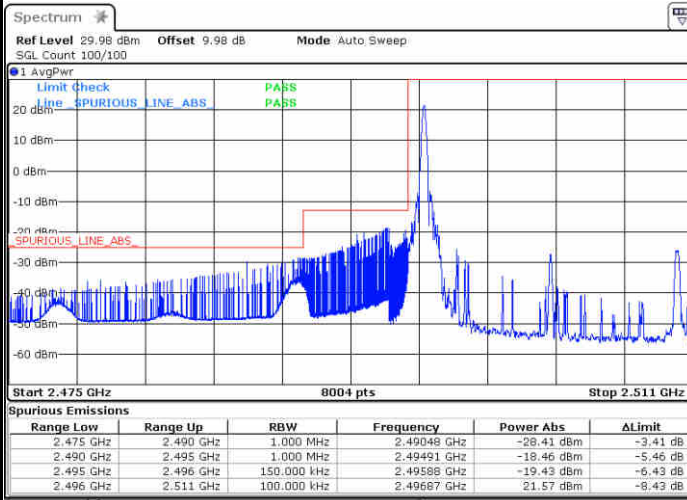


Date: 5,SEP,2020 15:15:22



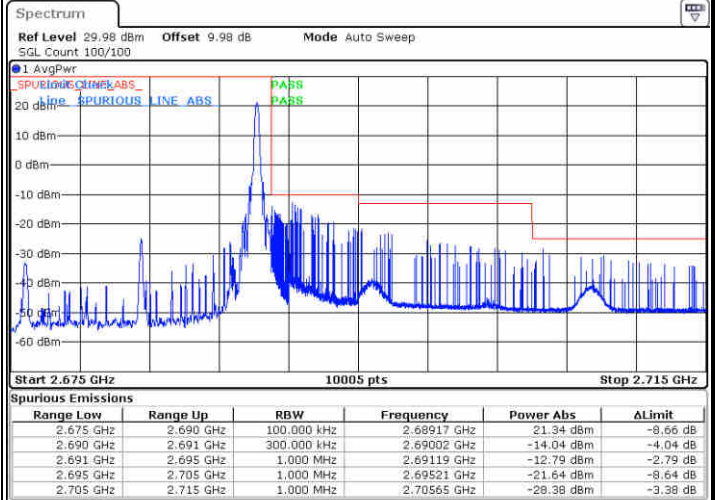
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



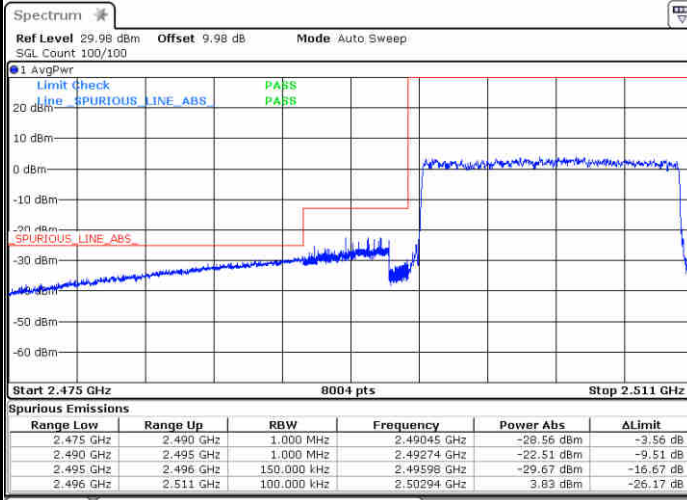
Date: 5,SEP,2020 16:02:01

Highest Band Edge / 1 RB



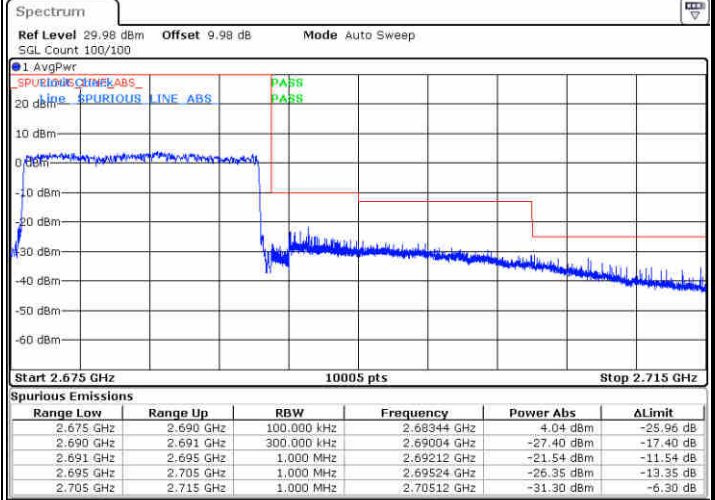
Date: 5,SEP,2020 16:04:44

Lowest Band Edge / Full RB



Date: 5,SEP,2020 16:04:13

Highest Band Edge / Full RB

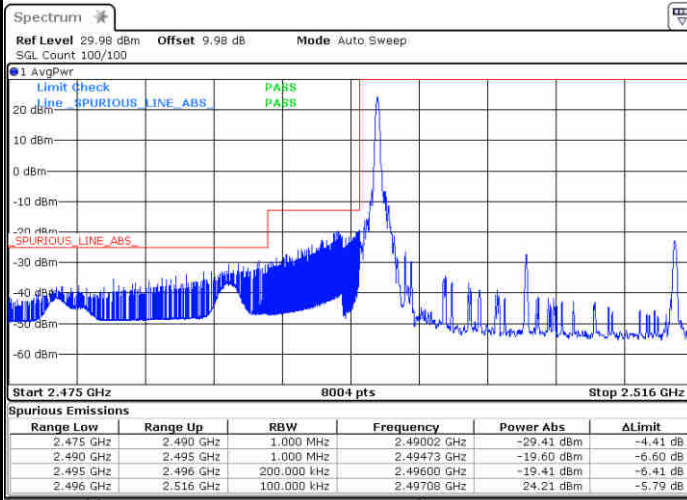


Date: 5,SEP,2020 16:05:15



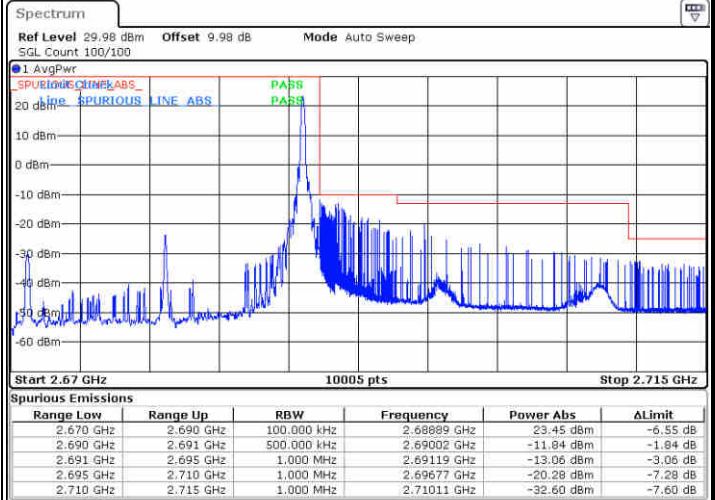
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



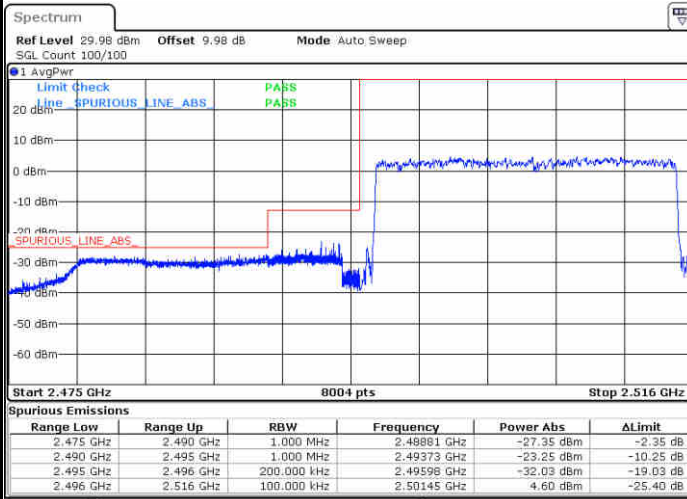
Date: 5,SEP,2020 16:08:13

Highest Band Edge / 1 RB



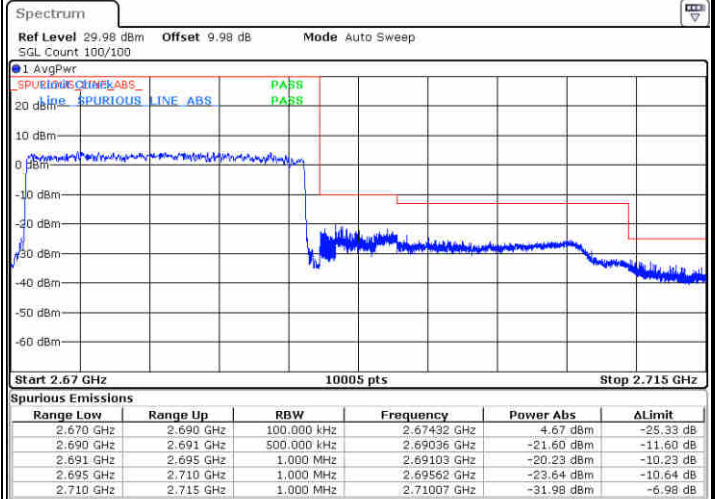
Date: 5,SEP,2020 16:16:20

Lowest Band Edge / Full RB



Date: 5,SEP,2020 16:12:19

Highest Band Edge / Full RB

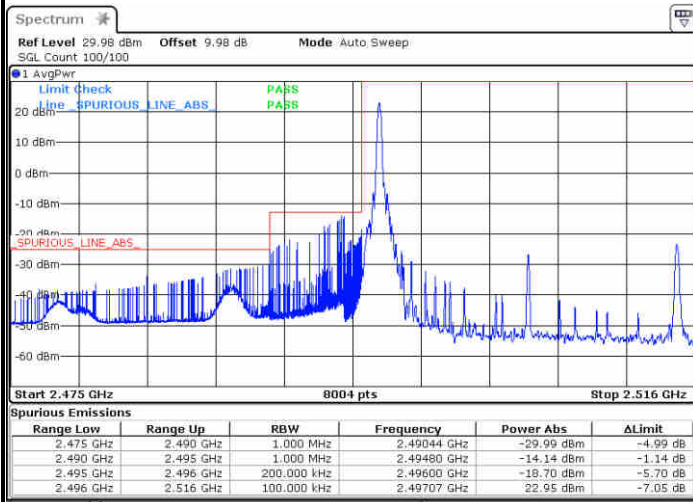


Date: 5,SEP,2020 15:45:28



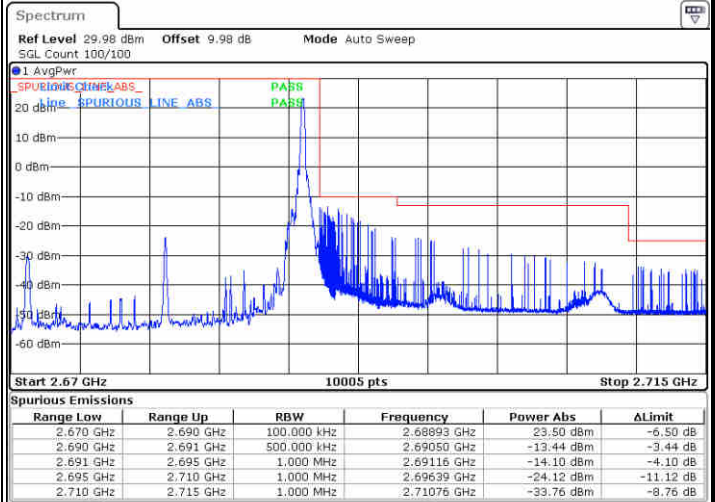
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



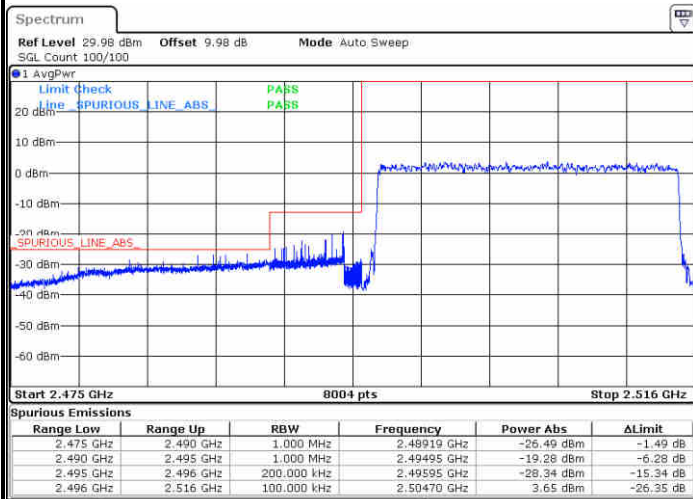
Date: 5,SEP,2020 16:09:11

Highest Band Edge / 1 RB



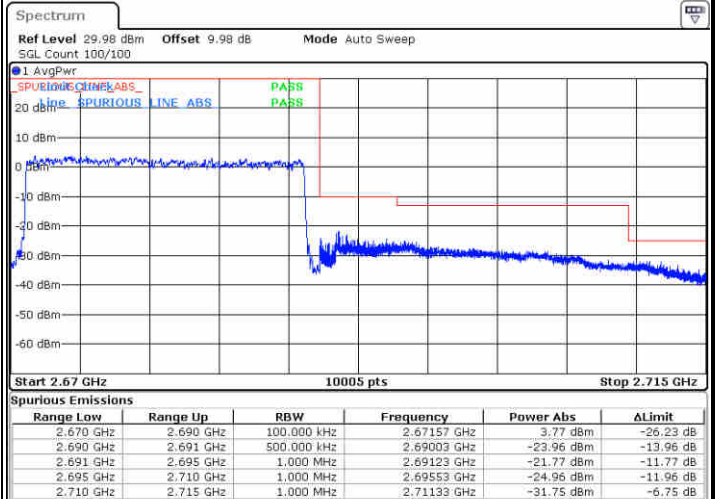
Date: 5,SEP,2020 15:43:12

Lowest Band Edge / Full RB



Date: 5,SEP,2020 16:12:05

Highest Band Edge / Full RB

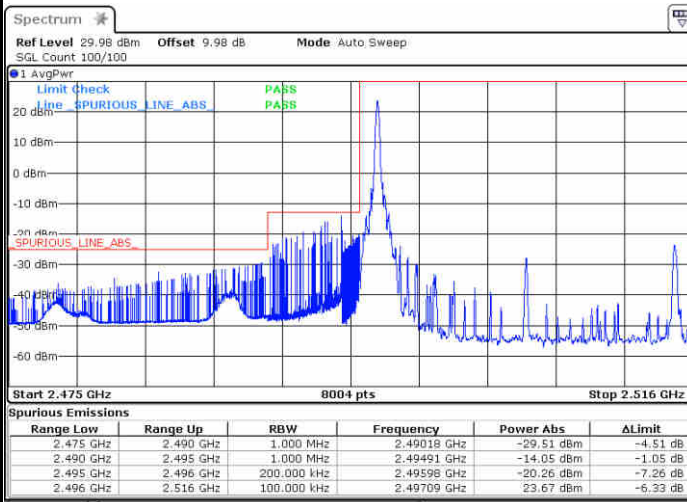


Date: 5,SEP,2020 15:44:20



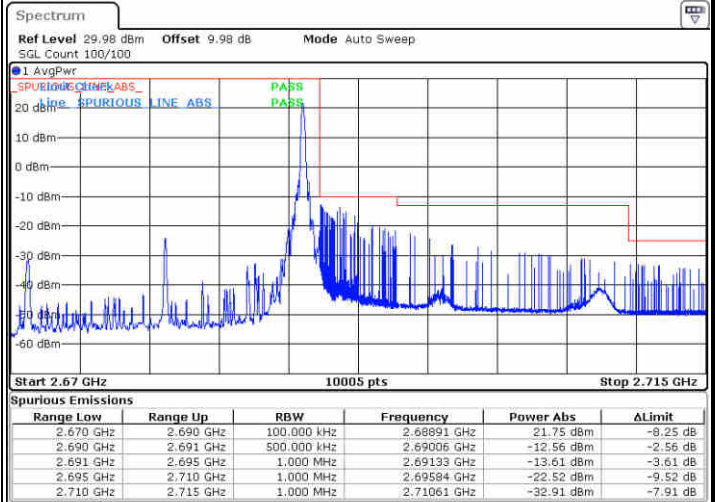
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



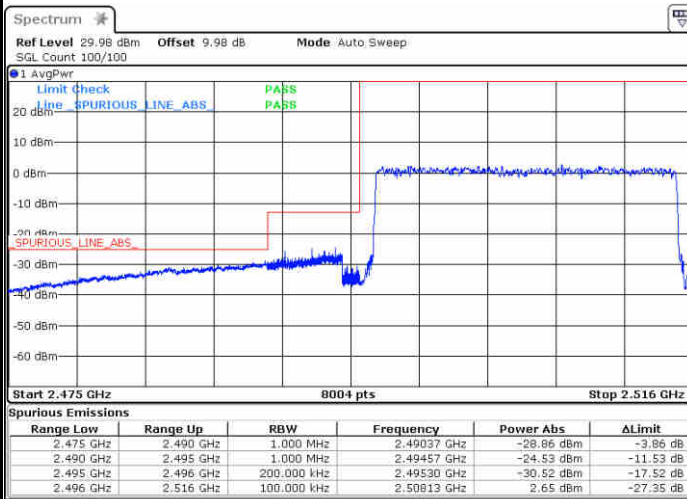
Date: 5,SEP,2020 16:09:37

Highest Band Edge / 1 RB



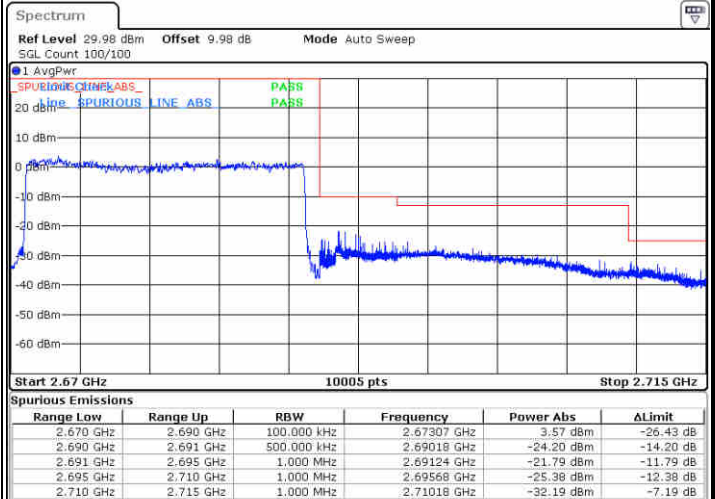
Date: 5,SEP,2020 16:15:59

Lowest Band Edge / Full RB



Date: 5,SEP,2020 16:11:47

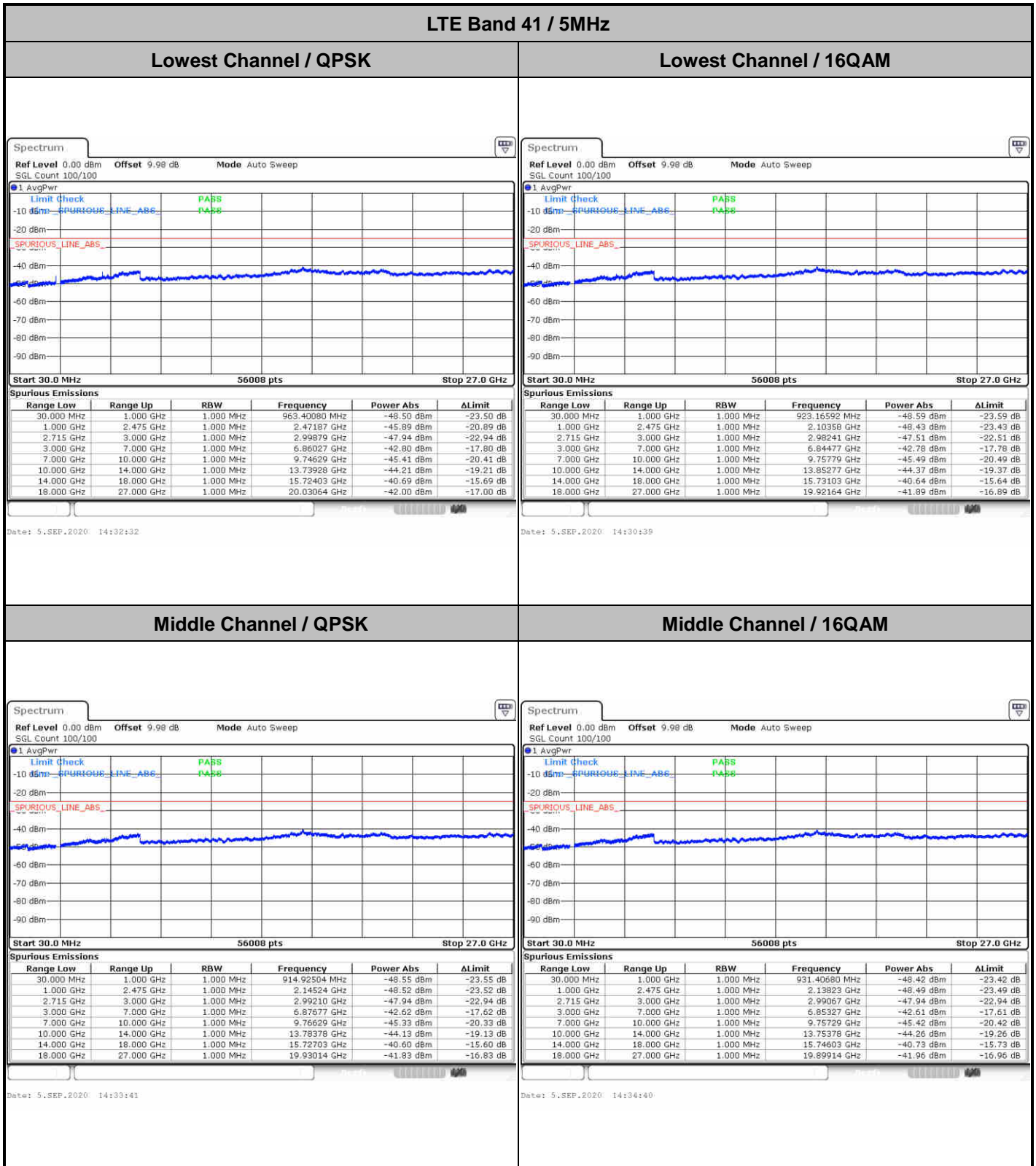
Highest Band Edge / Full RB



Date: 5,SEP,2020 16:16:53



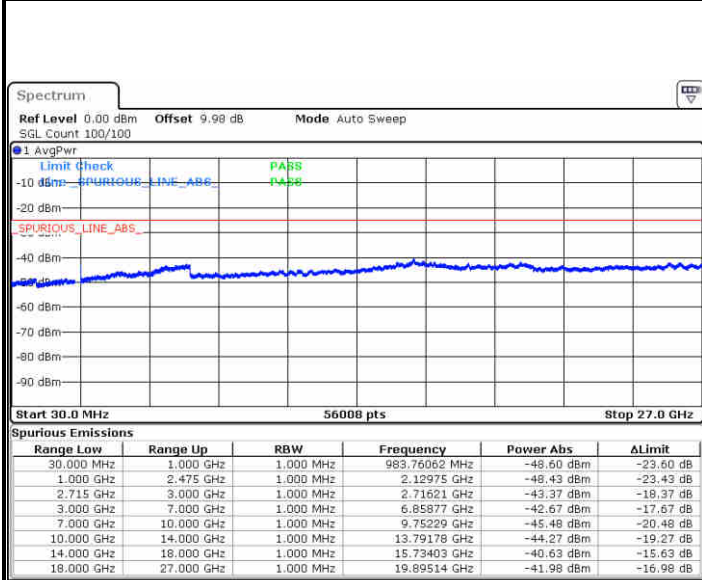
Conducted Spurious Emission





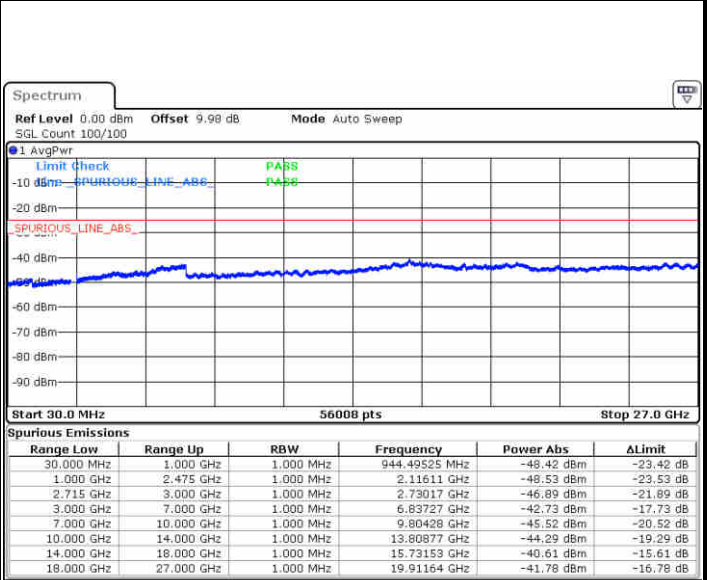
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 5.SEP.2020 14:40:13

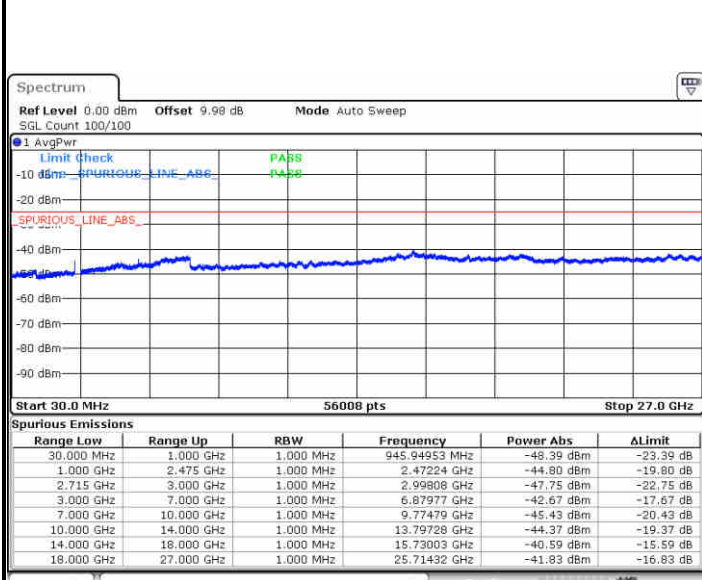
Highest Channel / 16QAM



Date: 5.SEP.2020 14:38:18

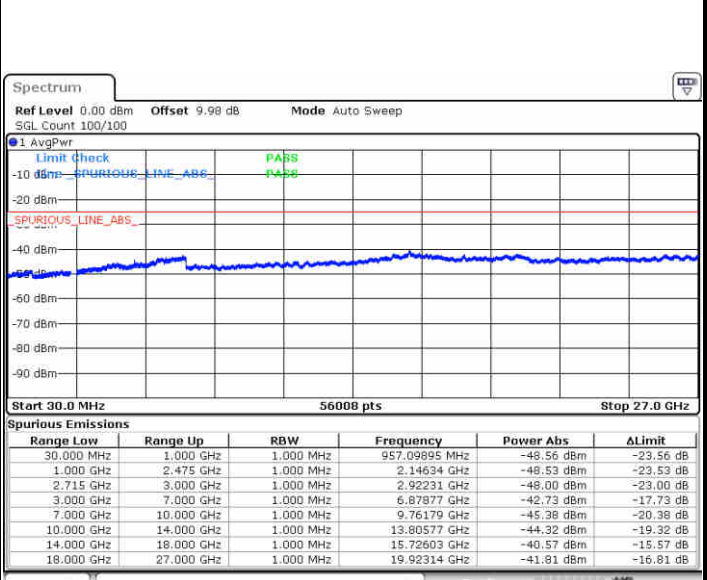
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 5.SEP.2020 14:51:36

Lowest Channel / 16QAM



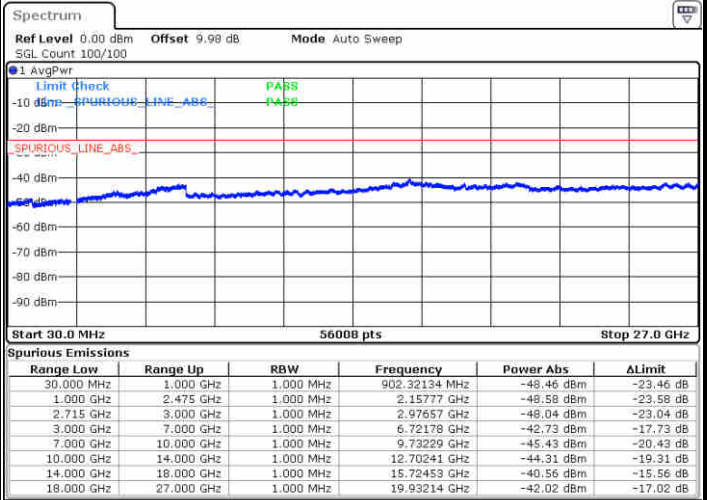
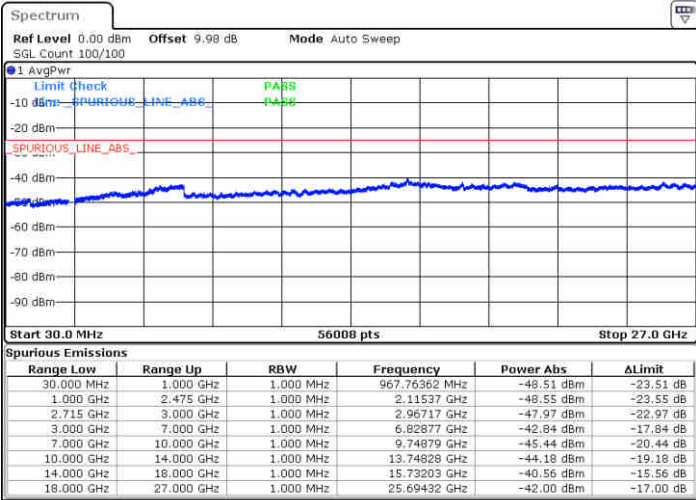
Date: 5.SEP.2020 14:52:32



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

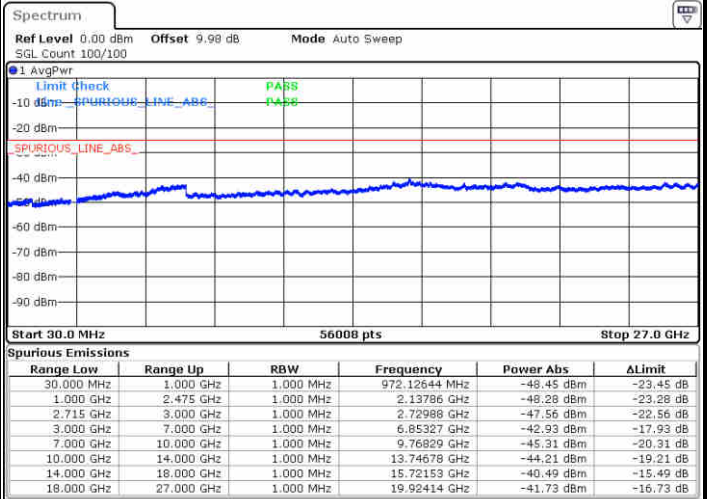
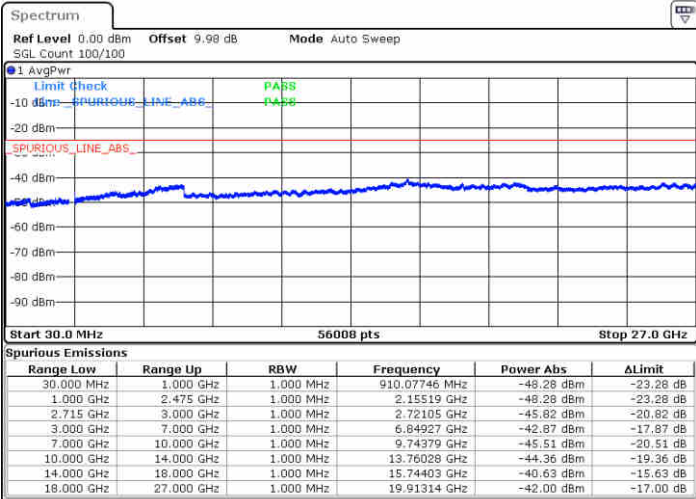


Date: 5.SEP.2020 14:53:28

Date: 5.SEP.2020 14:54:24

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5.SEP.2020 14:59:54

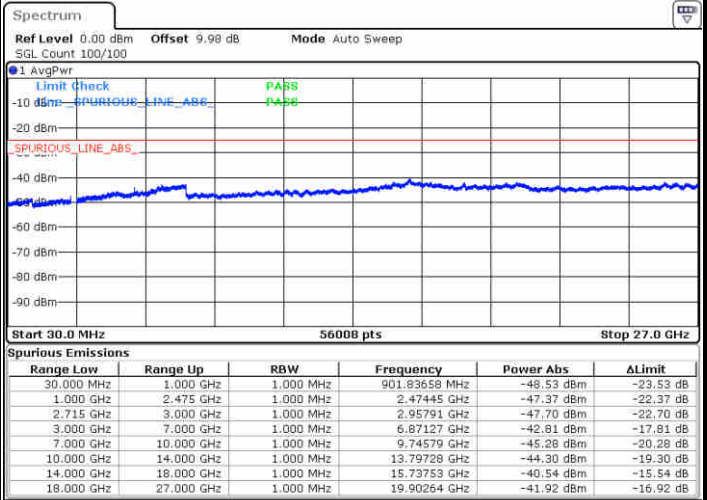
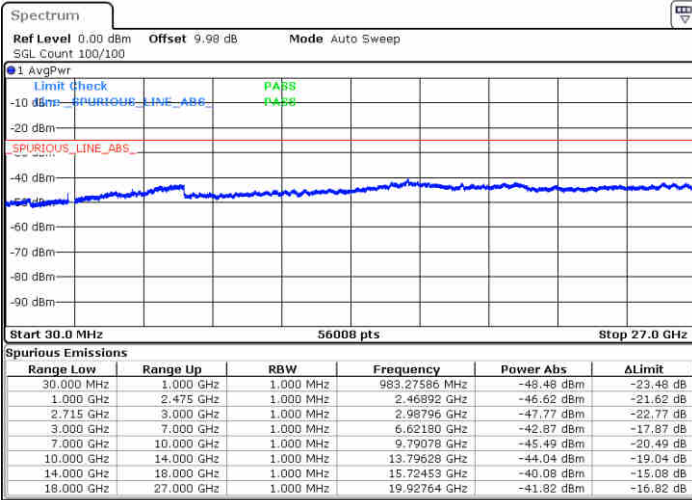
Date: 5.SEP.2020 15:00:50



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

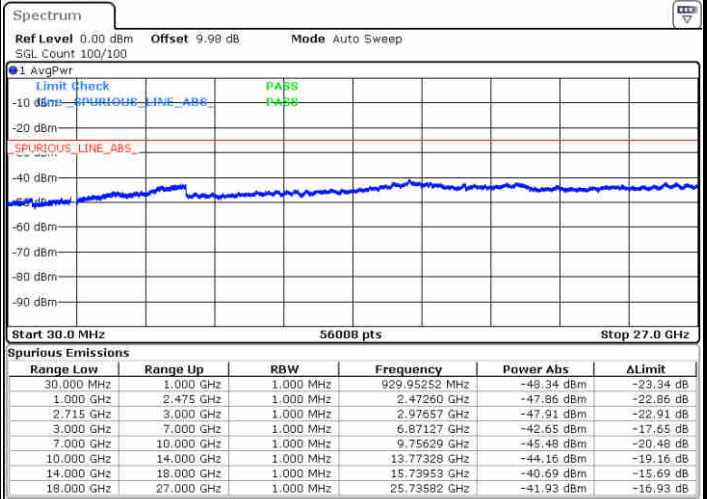
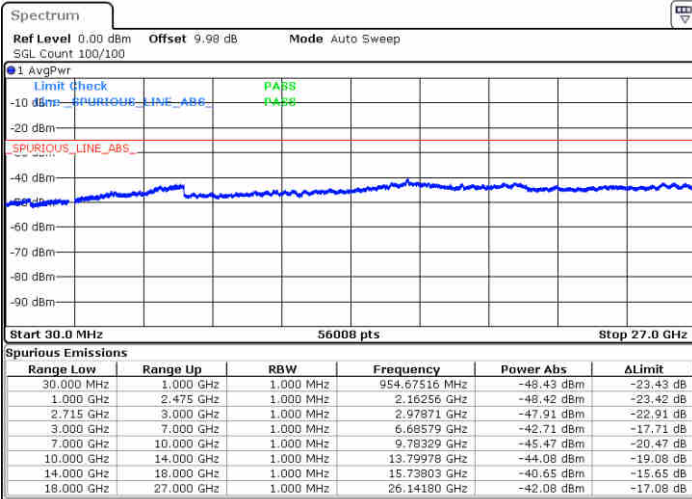


Date: 5.SEP.2020 15:07:59

Date: 5.SEP.2020 15:08:55

Middle Channel / QPSK

Middle Channel / 16QAM



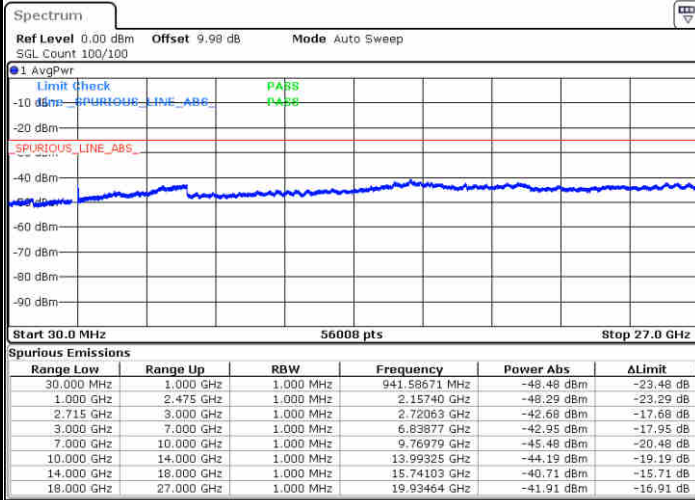
Date: 5.SEP.2020 15:09:51

Date: 5.SEP.2020 15:10:48



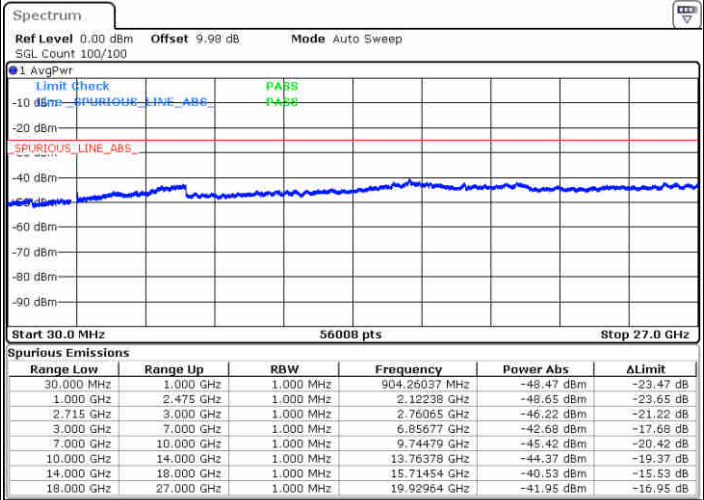
LTE Band 41 / 15MHz

Highest Channel / QPSK



Date: 5.SEP.2020 15:16:17

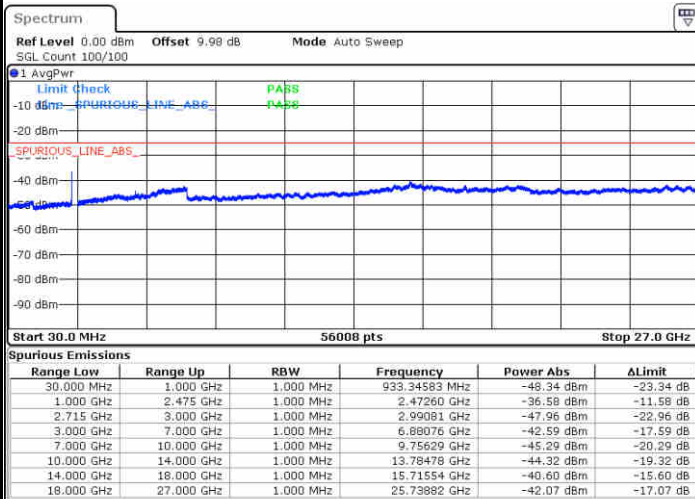
Highest Channel / 16QAM



Date: 5.SEP.2020 15:17:13

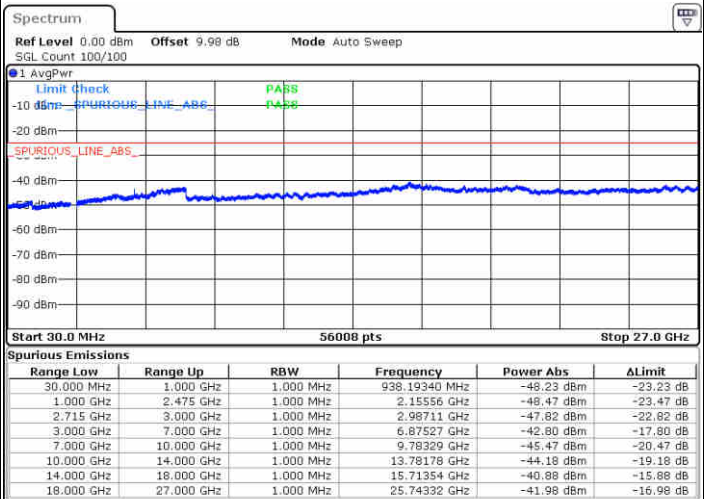
LTE Band 41 / 20MHz

Lowest Channel / QPSK



Date: 5.SEP.2020 15:18:06

Lowest Channel / 16QAM



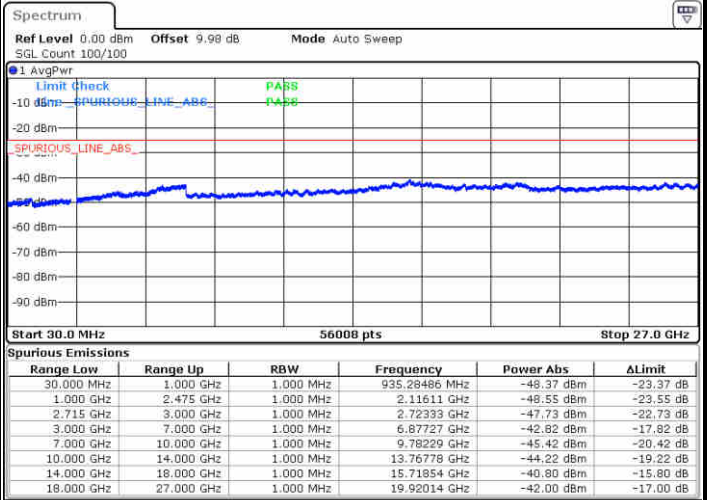
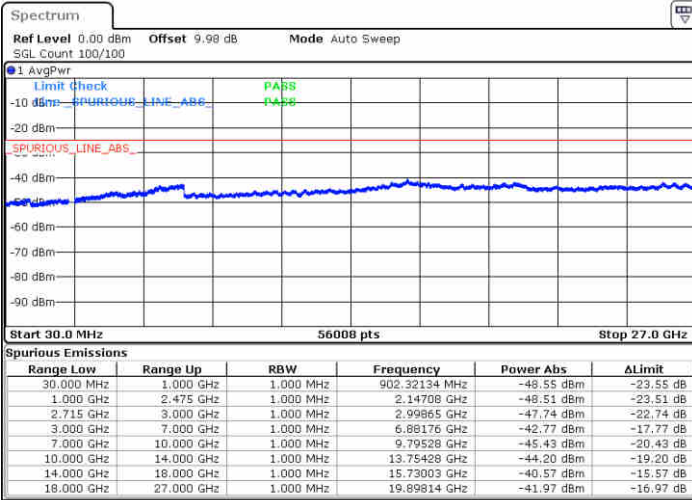
Date: 5.SEP.2020 15:18:02



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

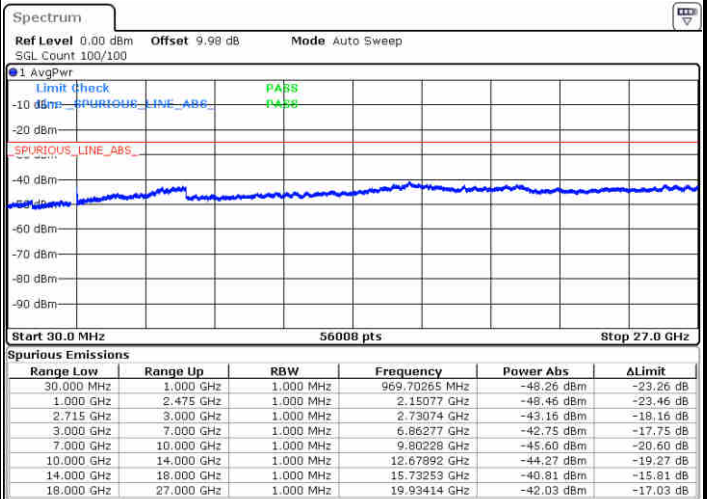
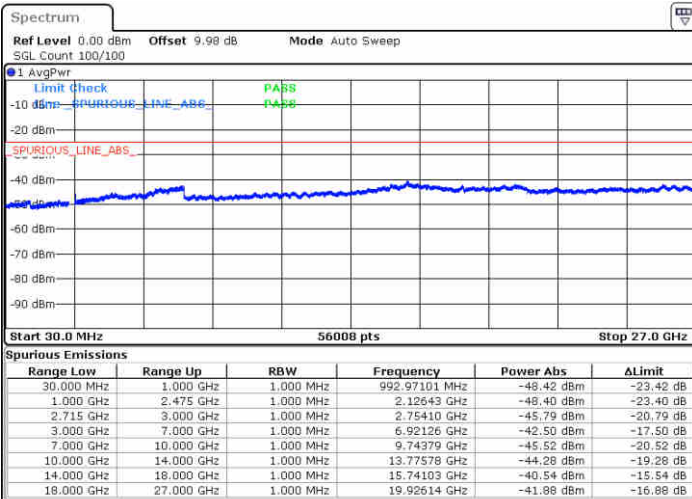


Date: 5.SEP.2020 15:39:58

Date: 5.SEP.2020 15:40:54

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 5.SEP.2020 15:46:23

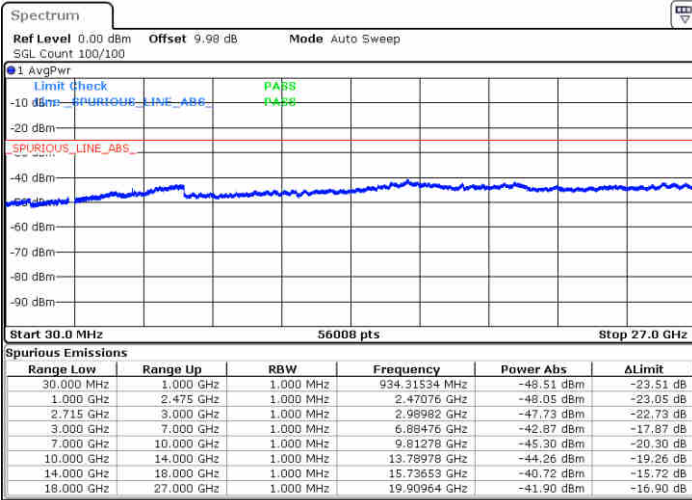
Date: 5.SEP.2020 15:47:20



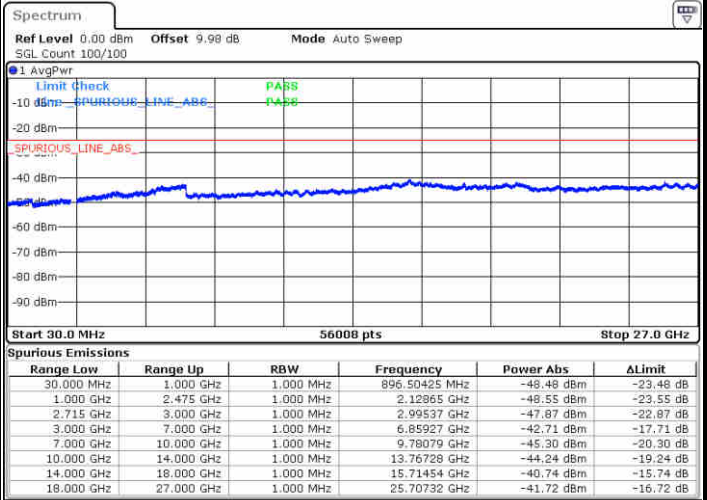
LTE Band 41 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

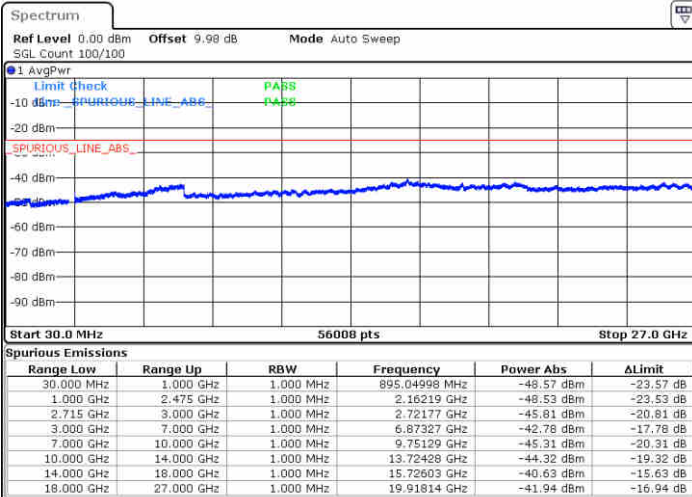


Date: 5.SEP.2020 14:28:06



Date: 5.SEP.2020 14:36:02

Highest Channel / 64QAM



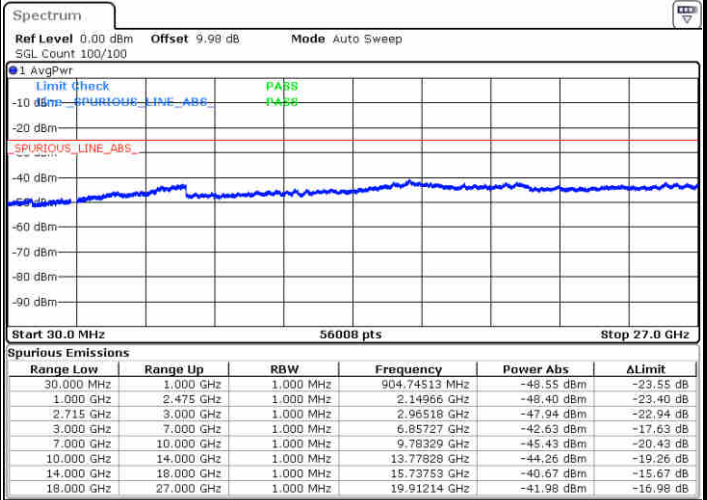
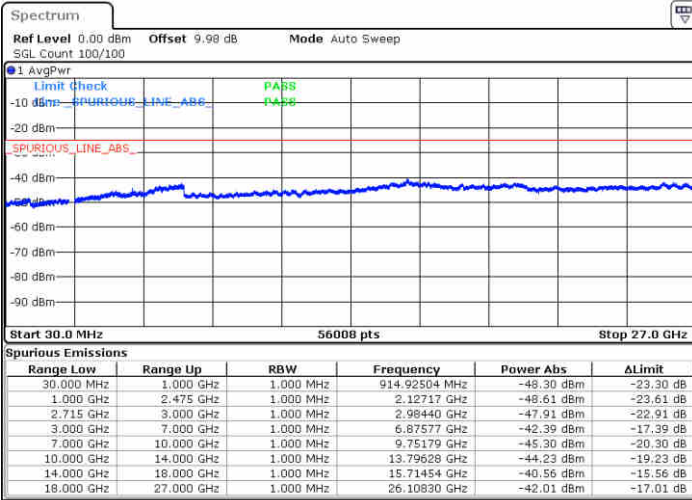
Date: 5.SEP.2020 14:37:00



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

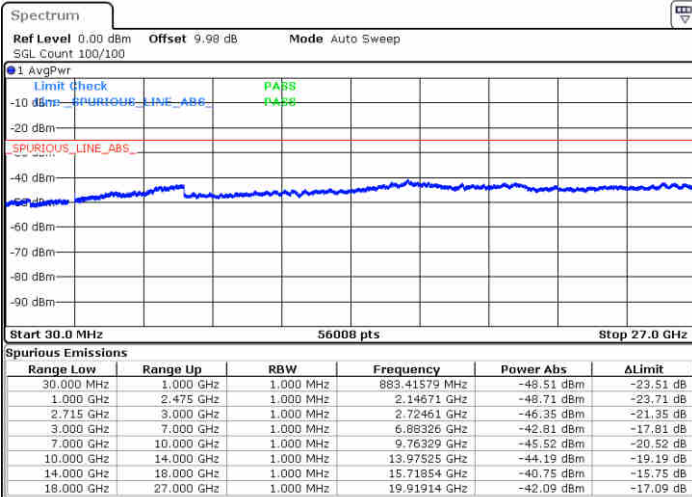
Middle Channel / 64QAM



Date: 5.SEP.2020 15:58:07

Date: 5.SEP.2020 15:56:37

Highest Channel / 64QAM

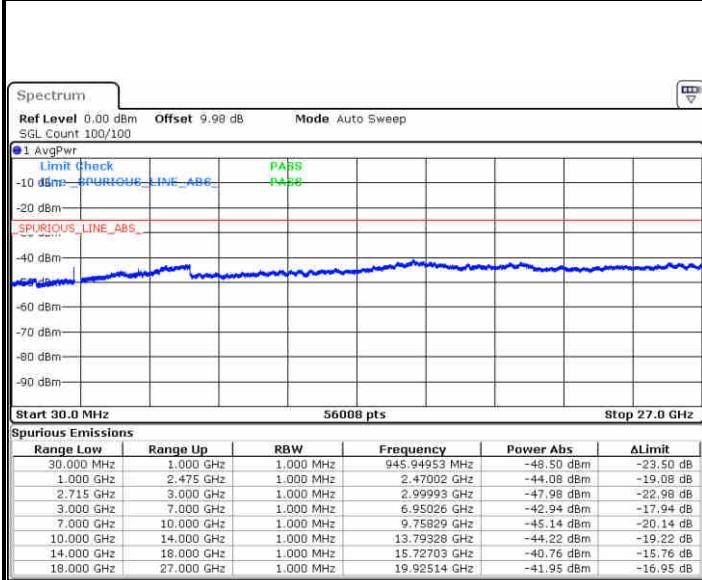


Date: 5.SEP.2020 15:55:38



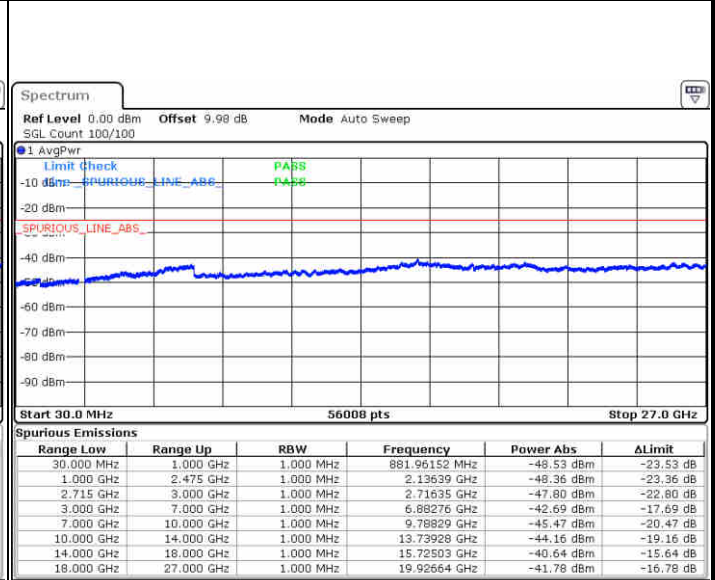
LTE Band 41 / 15MHz

Lowest Channel / 64QAM



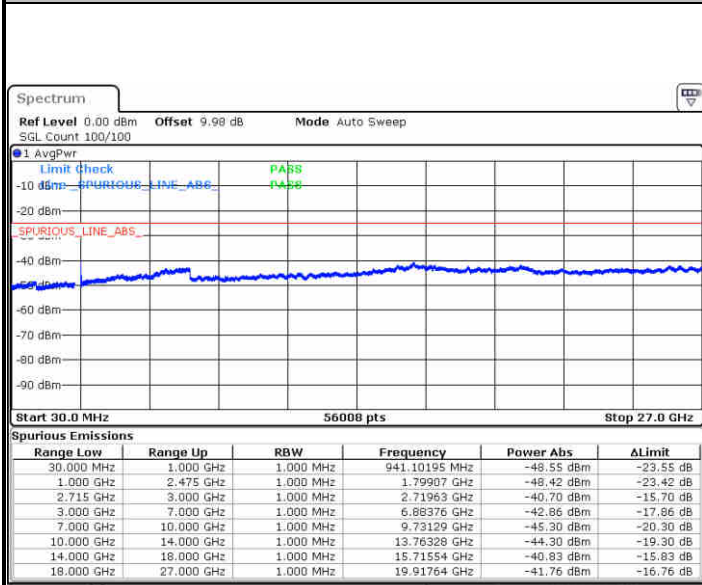
Date: 5.SEP.2020 16:03:01

Middle Channel / 64QAM



Date: 5.SEP.2020 16:07:05

Highest Channel / 64QAM



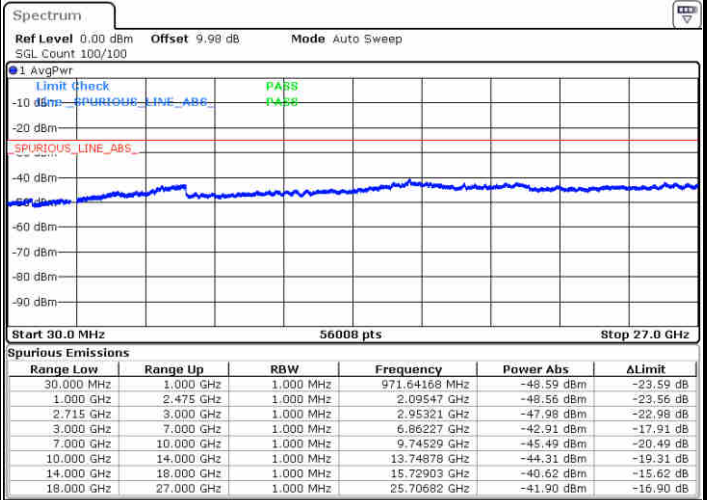
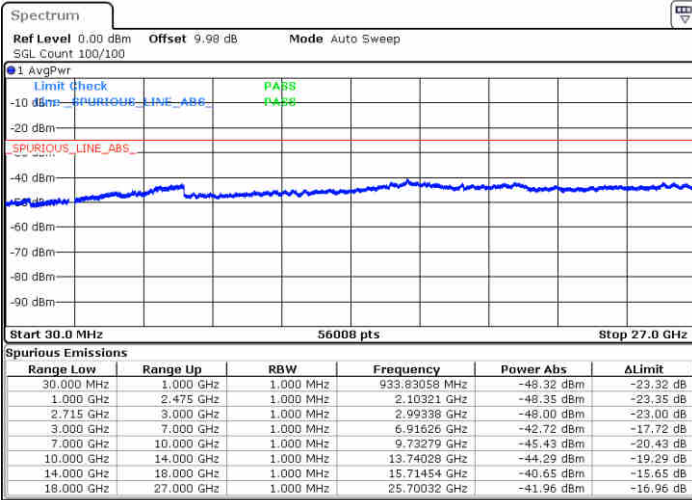
Date: 5.SEP.2020 16:06:08



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

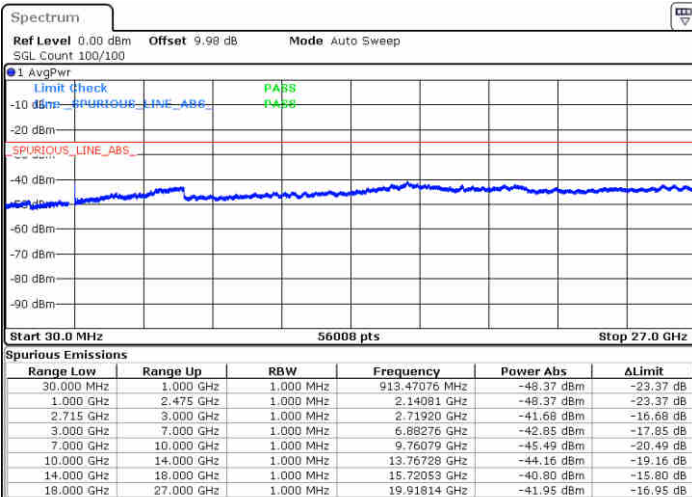
Middle Channel / 64QAM



Date: 5.SEP.2020 16:10:42

Date: 5.SEP.2020 16:14:25

Highest Channel / 64QAM



Date: 5.SEP.2020 16:15:30



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	0.0008	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0045	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0035	
-30	Normal Voltage	0.0032	
20	Maximum Voltage	0.0043	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3 V. ; Maximum Voltage =4.4 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	24.68	24.98	29.85	25.13	30.45
Middle CH	24.63	24.98	29.79	25.03	30.51
Highest CH	24.73	25.08	29.73	25.28	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.48	24.88	30.03	34.83	39.72
Middle CH	34.90	24.88	29.97	34.90	39.64
Highest CH	34.76	24.83	30.03	34.76	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	24.98	29.85	25.08	30.39
Middle CH	24.73	24.98	29.73	25.03	30.39
Highest CH	24.68	25.18	29.67	25.23	30.39
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	24.83	29.91	34.83	39.72
Middle CH	34.76	24.83	30.03	34.76	39.56
Highest CH	34.69	24.98	30.03	35.04	39.56

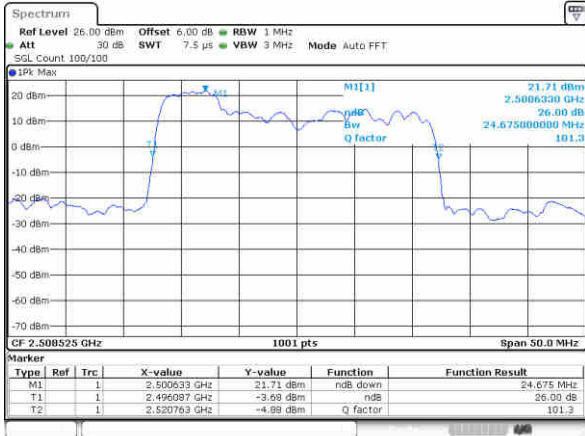
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.68	24.93	29.85	25.18	30.57
Middle CH	24.63	24.93	29.85	25.28	30.39
Highest CH	24.73	25.03	29.73	25.18	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.69	24.83	30.03	34.97	39.88
Middle CH	34.83	24.88	29.85	34.90	39.64
Highest CH	34.76	24.78	30.03	34.90	39.48



LTE Band 41C

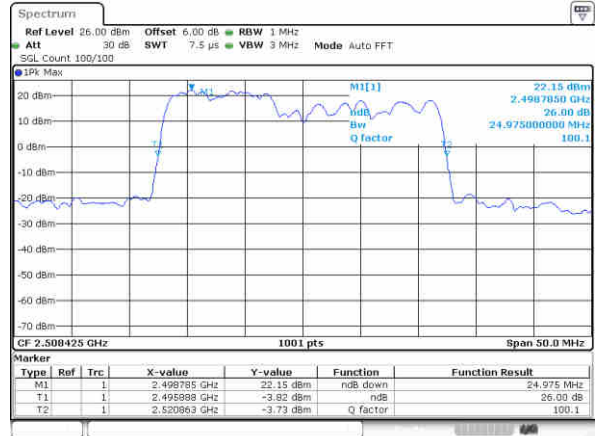
QPSK

Lowest Channel / 5MHz+20MHz



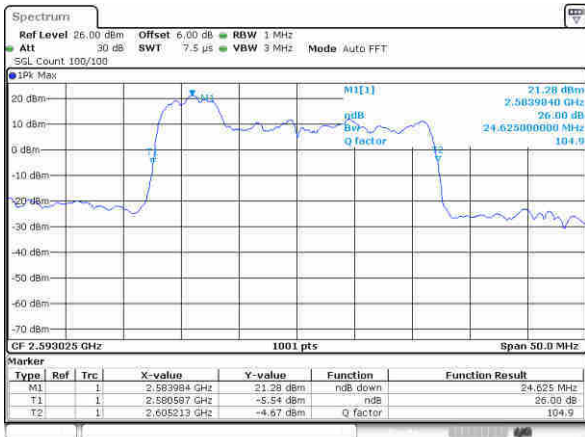
Date: 5,SEP,2020 23:16:55

Lowest Channel / 10MHz+15MHz



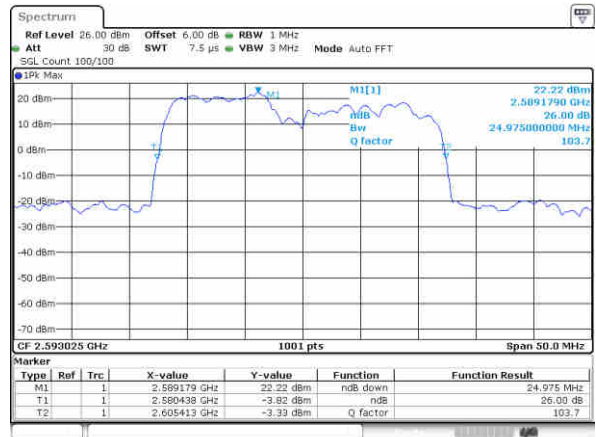
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Middle Channel / 5MHz+20MHz



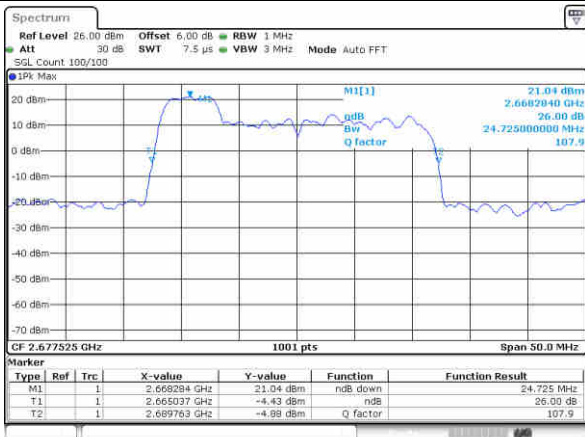
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Middle Channel / 10MHz+15MHz



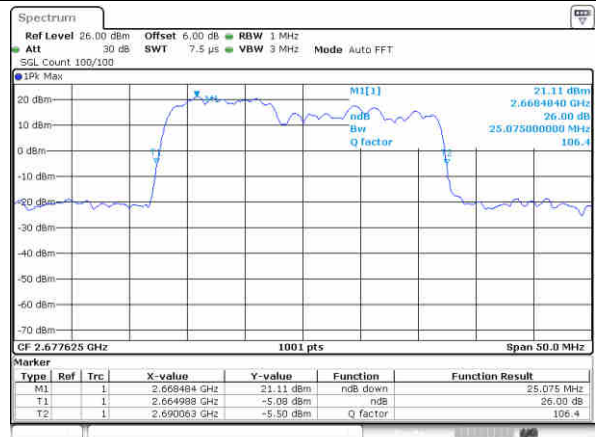
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Highest Channel / 5MHz+20MHz



Date: 5,SEP,2020 23:22:41

Highest Channel / 10MHz+15MHz



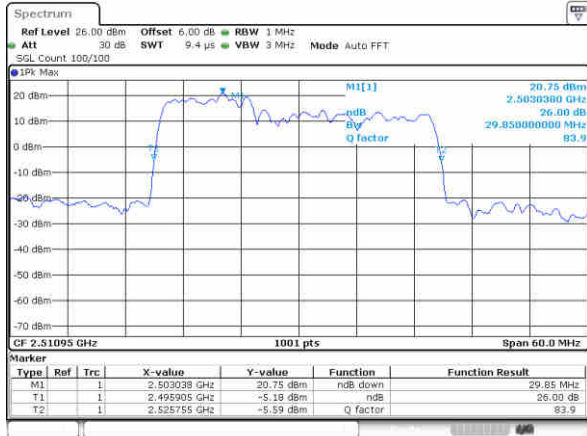
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LTE Band 41C

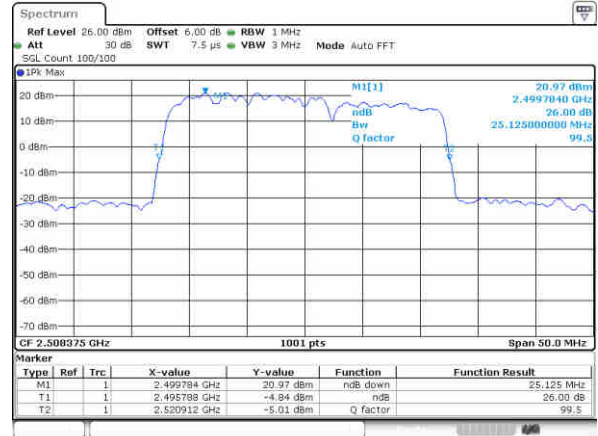
QPSK

Lowest Channel / 10MHz+20MHz



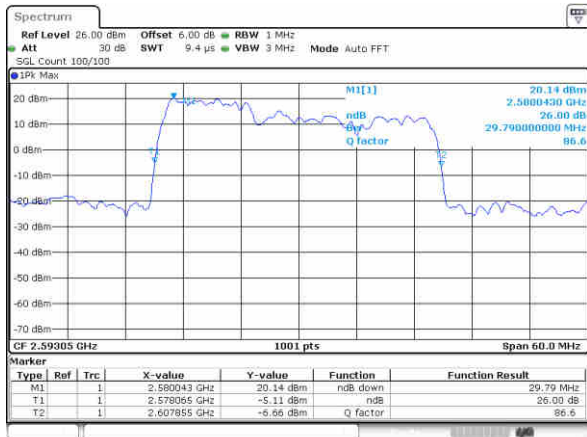
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Lowest Channel / 15MHz+10MHz



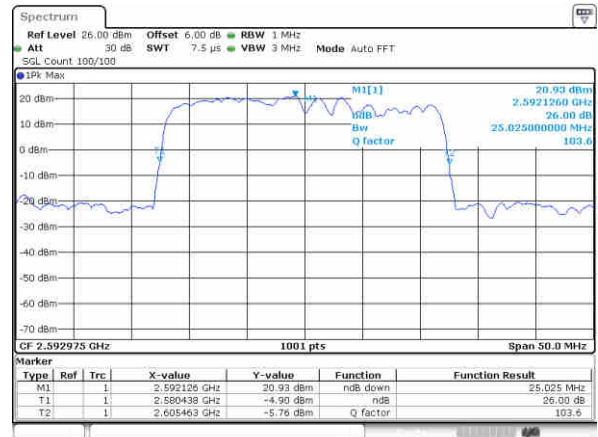
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Middle Channel / 10MHz+20MHz



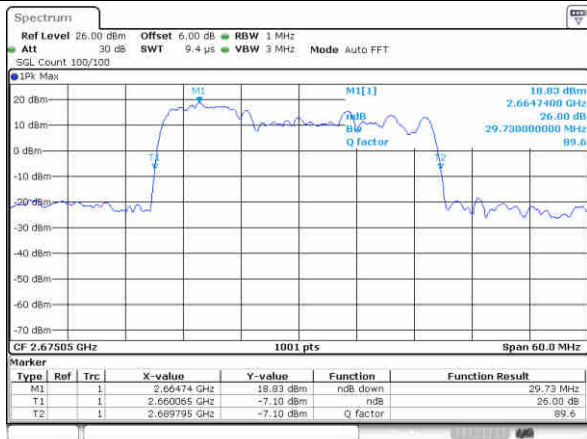
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Middle Channel / 15MHz+10MHz



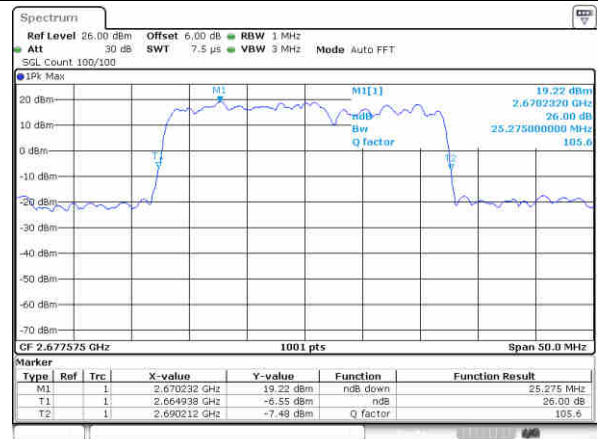
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Highest Channel / 10MHz+20MHz



Date: 6,SEP,2020 09:18:52

Highest Channel / 15MHz+10MHz



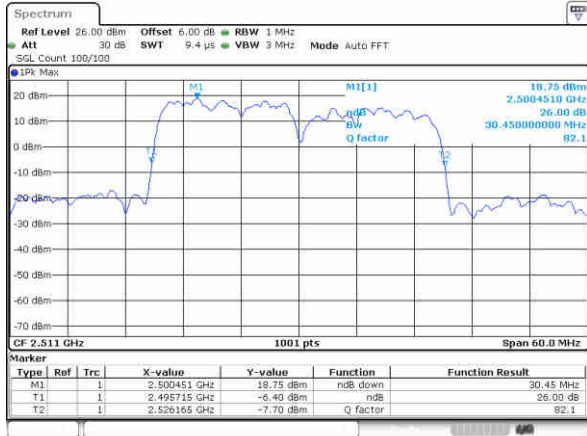
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LTE Band 41C

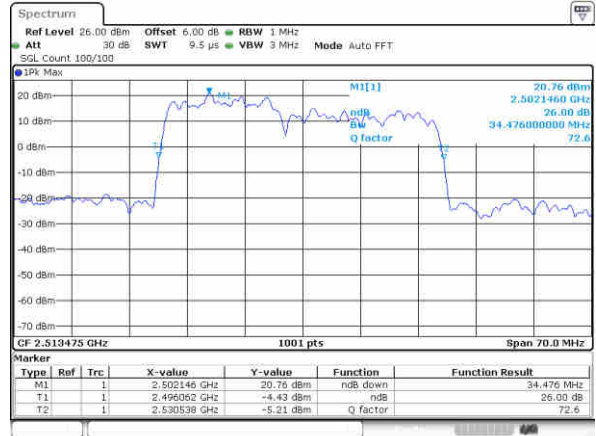
QPSK

Lowest Channel / 15MHz+15MHz



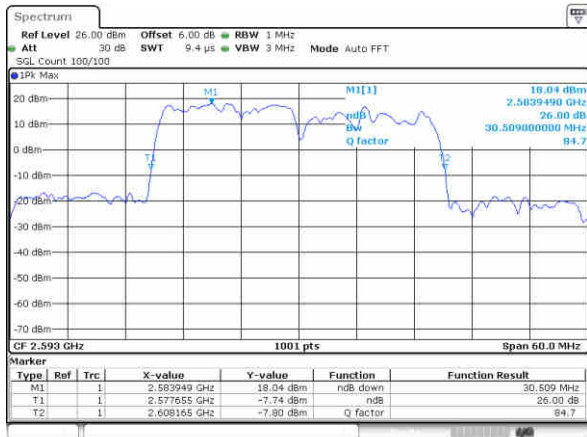
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Lowest Channel / 15MHz+20MHz



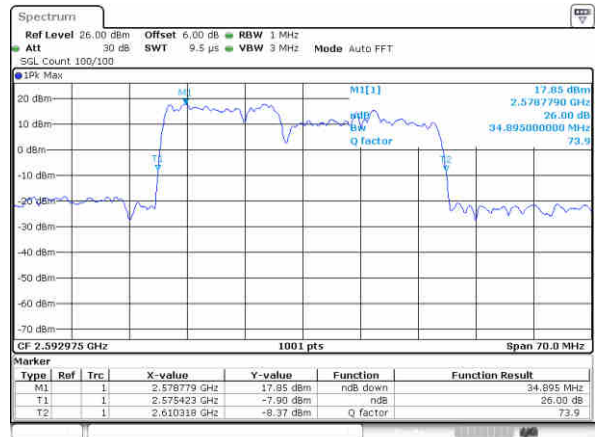
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Middle Channel / 15MHz+15MHz



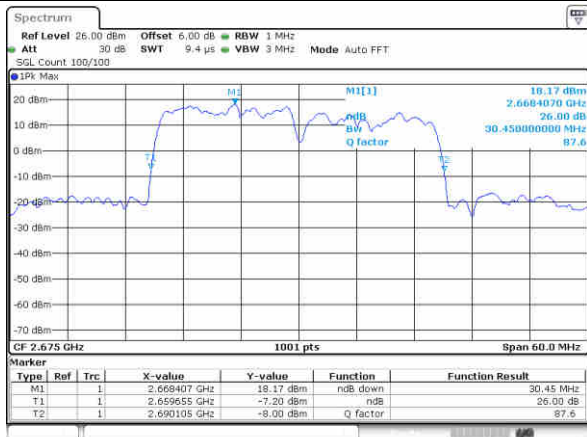
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Middle Channel / 15MHz+20MHz



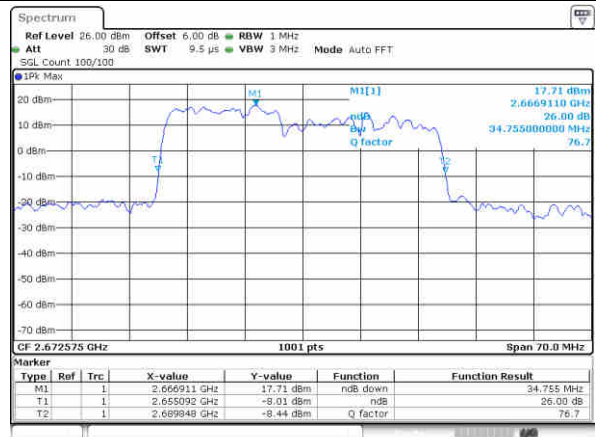
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Highest Channel / 15MHz+15MHz



Date: 6,SEP,2020 09:37:58

Highest Channel / 15MHz+20MHz



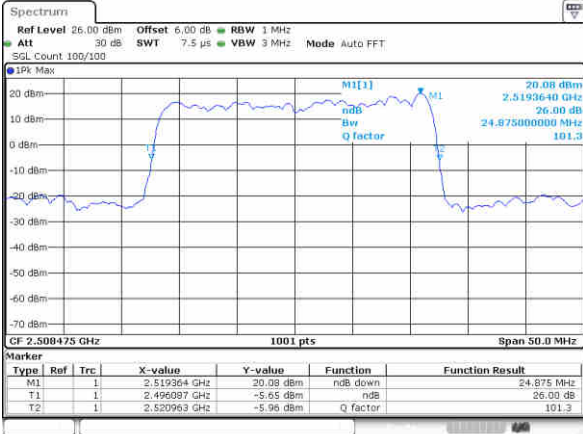
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LTE Band 41C

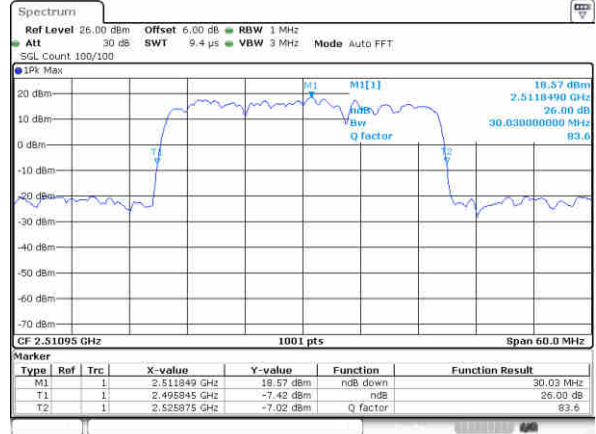
QPSK

Lowest Channel / 20MHz+5MHz



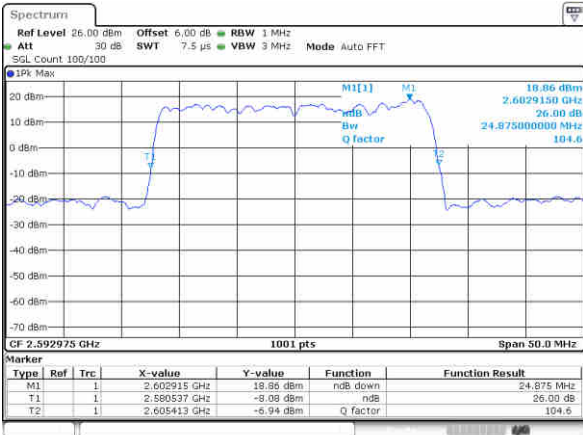
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Lowest Channel / 20MHz+10MHz



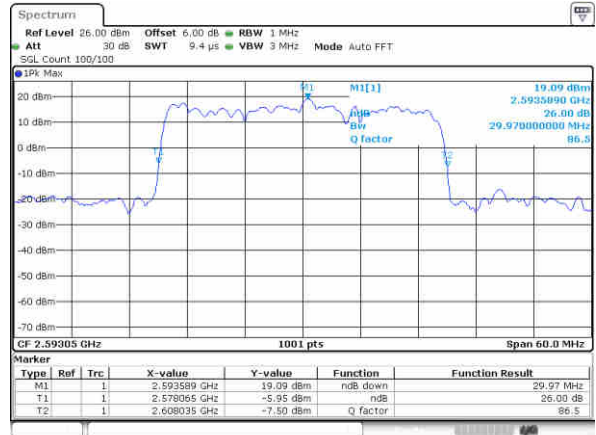
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Middle Channel / 20MHz+5MHz



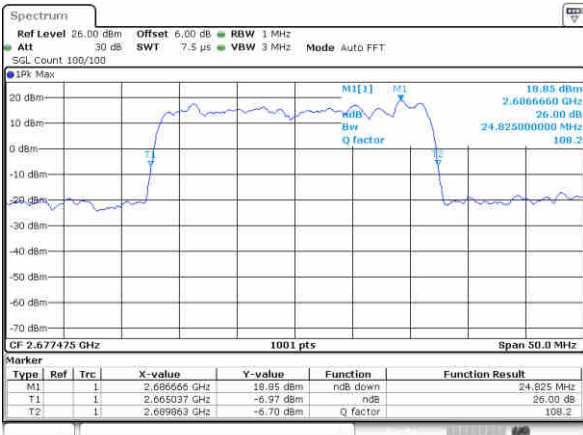
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Middle Channel / 20MHz+10MHz



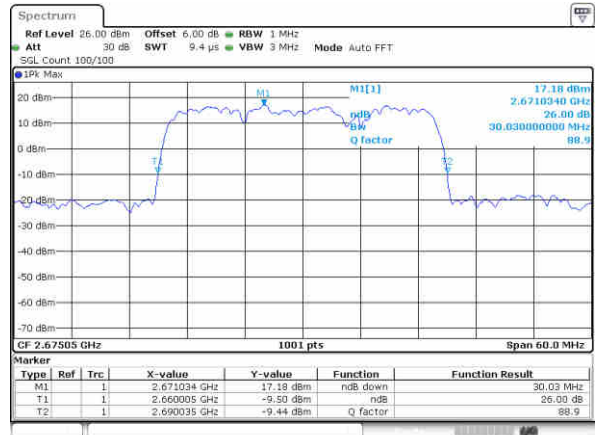
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Highest Channel / 20MHz+5MHz



Date: 5,SEP,2020 23:56:59

Highest Channel / 20MHz+10MHz



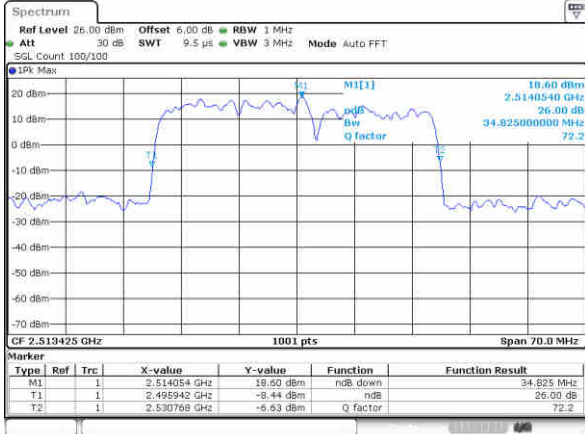
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LTE Band 41C

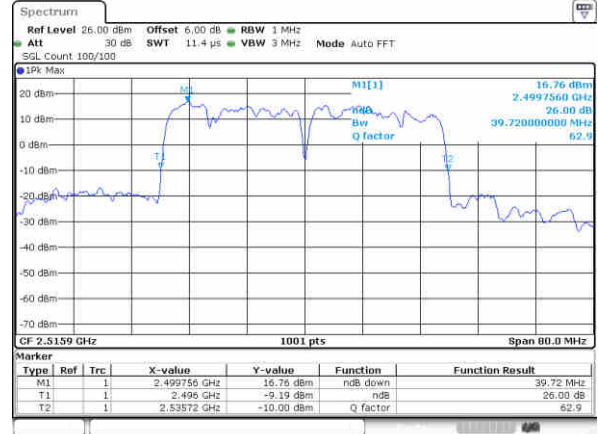
QPSK

Lowest Channel / 20MHz+15MHz



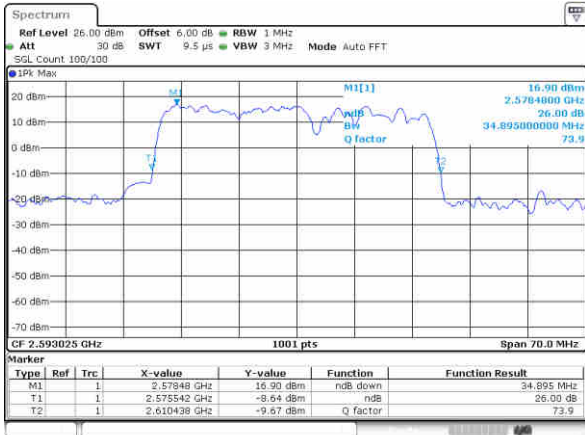
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Lowest Channel / 20MHz+20MHz



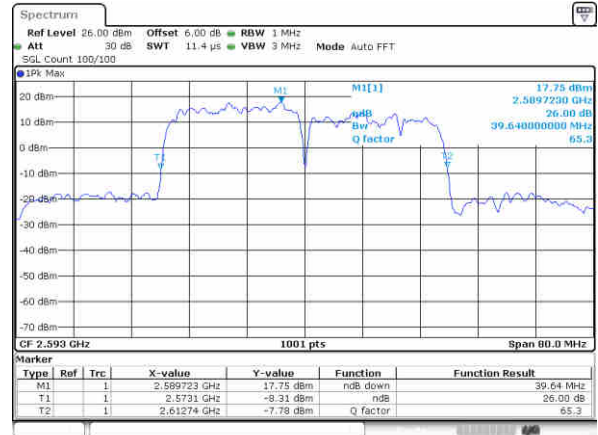
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Middle Channel / 20MHz+15MHz



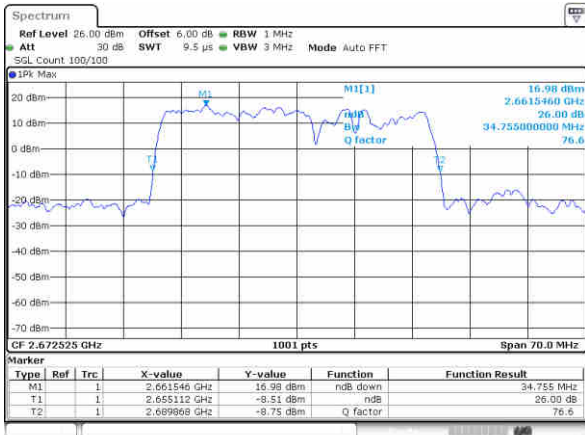
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Middle Channel / 20MHz+20MHz



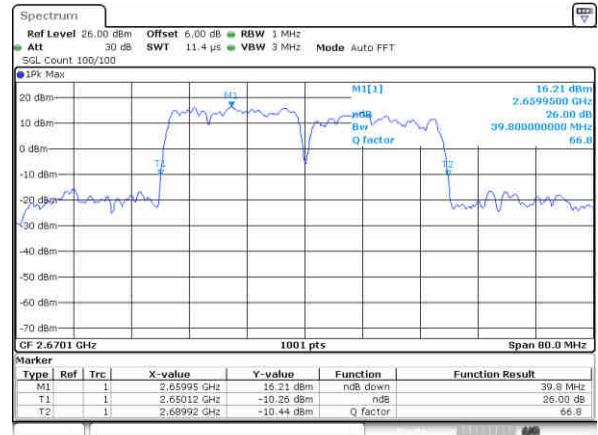
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Highest Channel / 20MHz+15MHz



Date: 6,SEP,2020 00:51:18

Highest Channel / 20MHz+20MHz



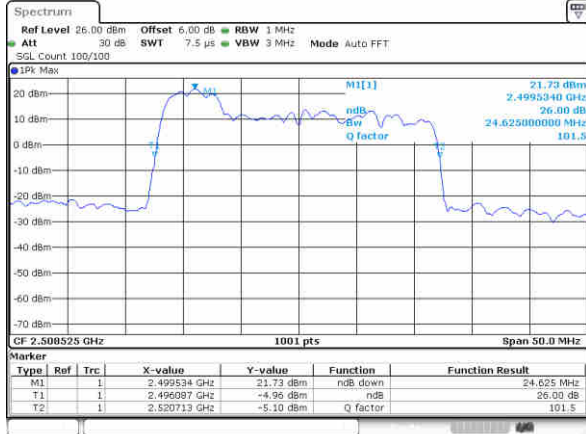
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LTE Band 41C

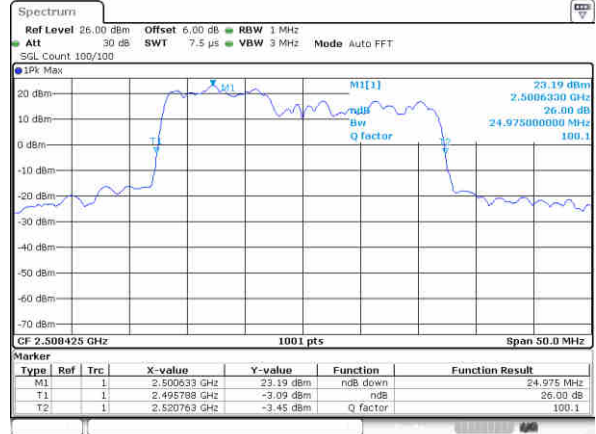
16QAM

Lowest Channel / 5MHz+20MHz



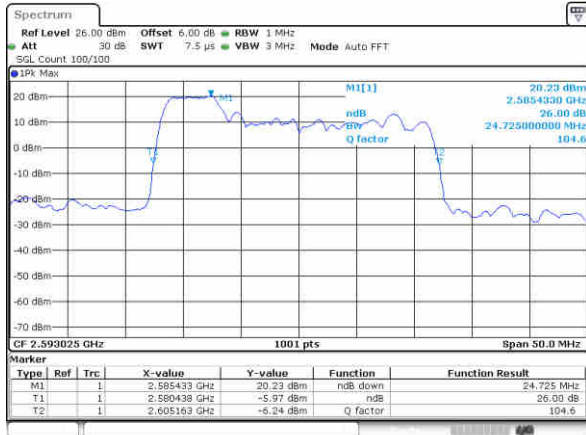
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Lowest Channel / 10MHz+15MHz



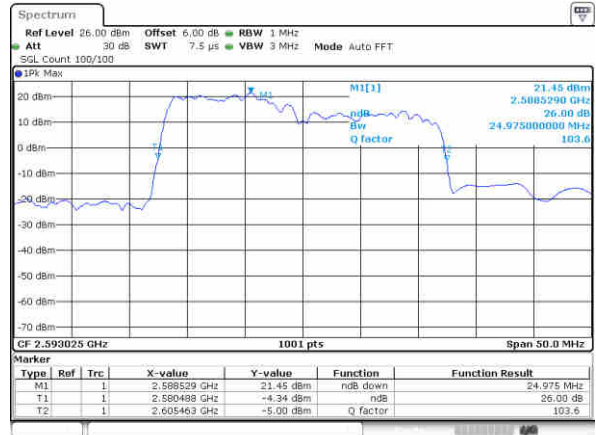
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Middle Channel / 5MHz+20MHz



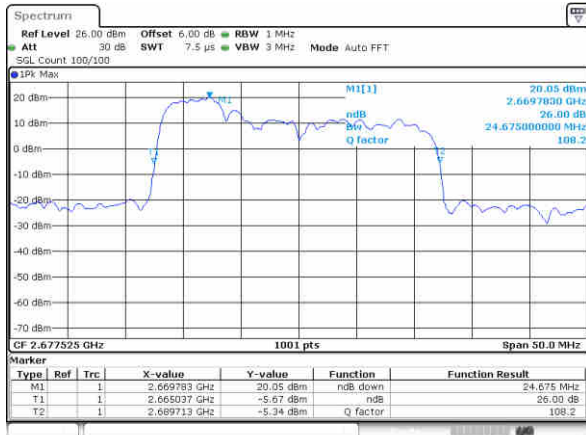
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Middle Channel / 10MHz+15MHz



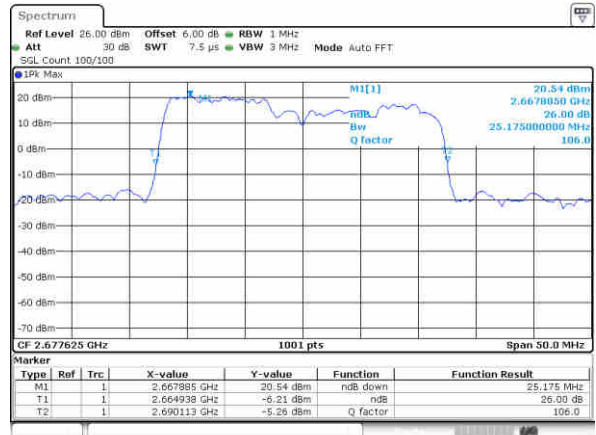
Date: 6,SEP,2020 09:01:42

Highest Channel / 5MHz+20MHz



Date: 5,SEP,2020 23:12:00

Highest Channel / 10MHz+15MHz



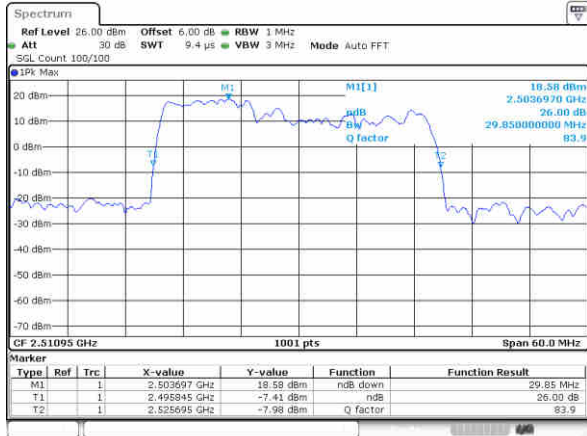
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LTE Band 41C

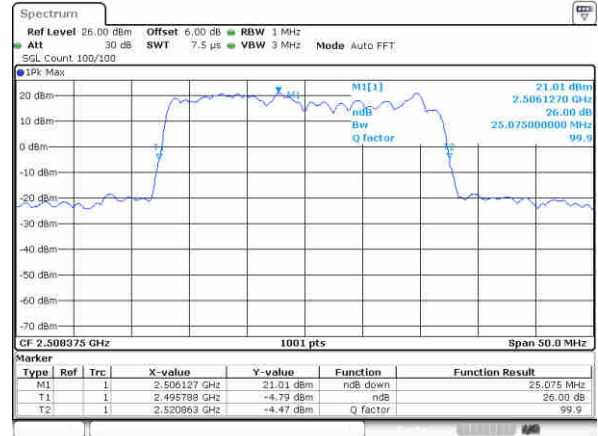
16QAM

Lowest Channel / 10MHz+20MHz



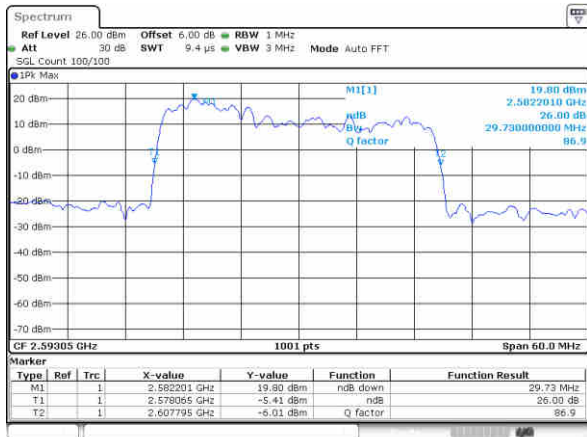
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Lowest Channel / 15MHz+10MHz



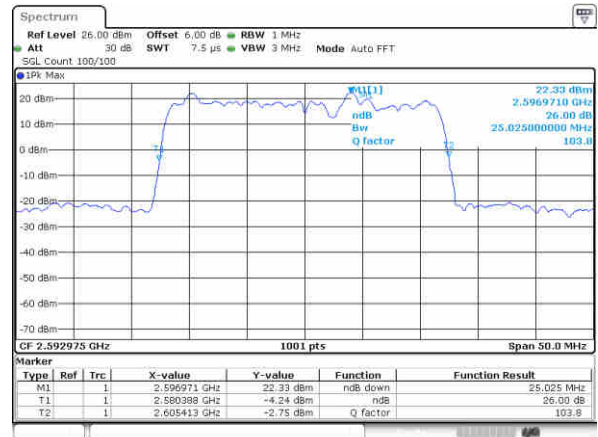
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Middle Channel / 10MHz+20MHz



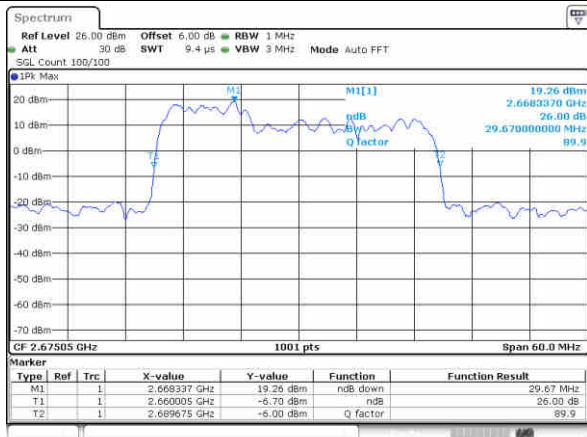
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Middle Channel / 15MHz+10MHz



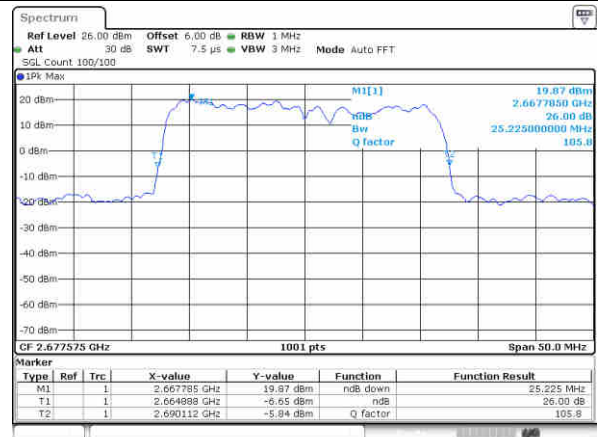
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Highest Channel / 10MHz+20MHz



Date: 6,SEP,2020 09:19:15

Highest Channel / 15MHz+10MHz



Date: 6,SEP,2020 09:13:03