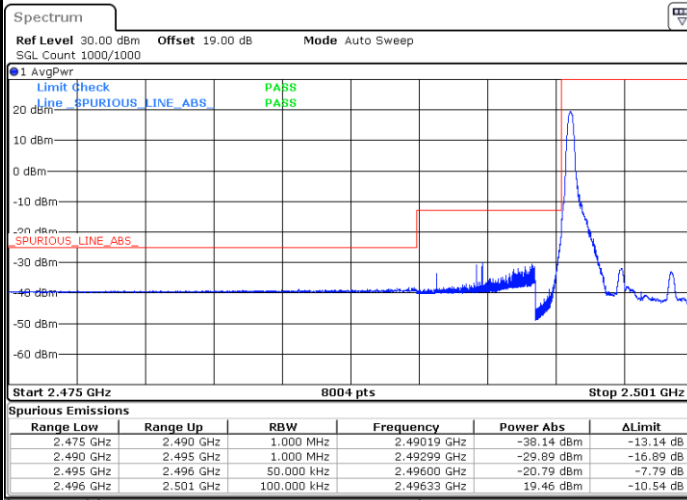




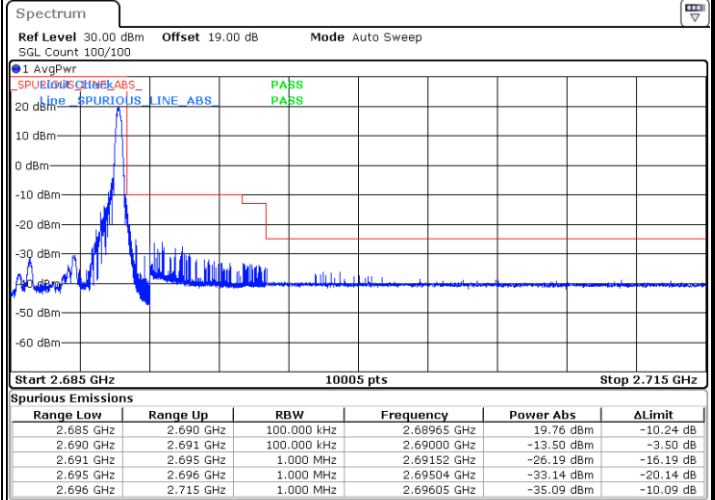
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



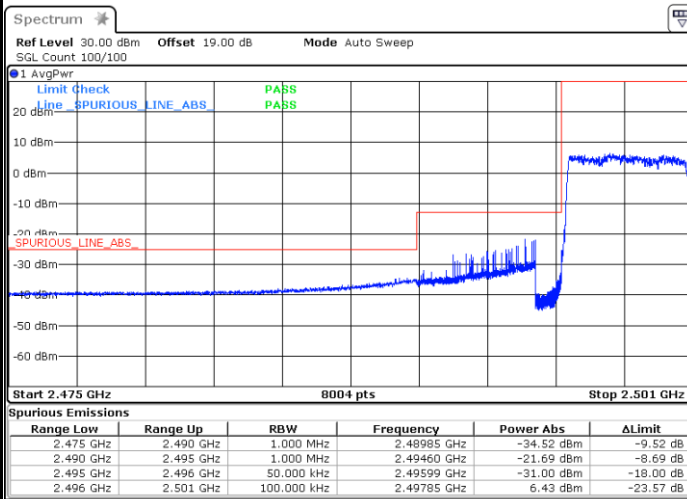
Date: 17.DEC.2021 11:24:12

Highest Band Edge / 1 RB



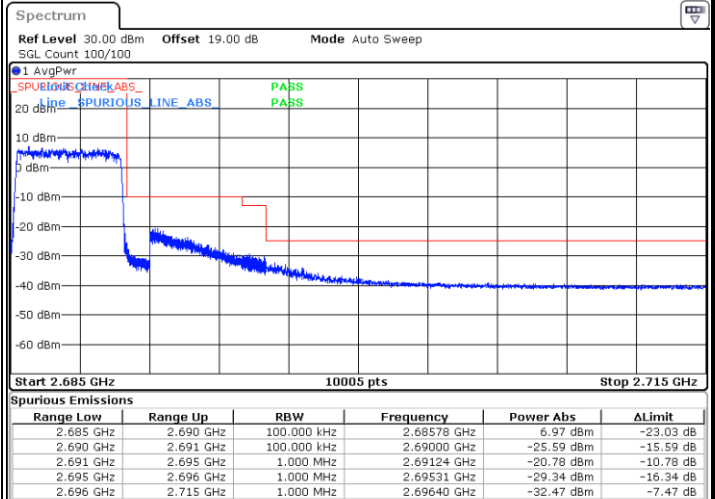
Date: 17.DEC.2021 11:31:57

Lowest Band Edge / Full RB



Date: 17.DEC.2021 11:26:07

Highest Band Edge / Full RB

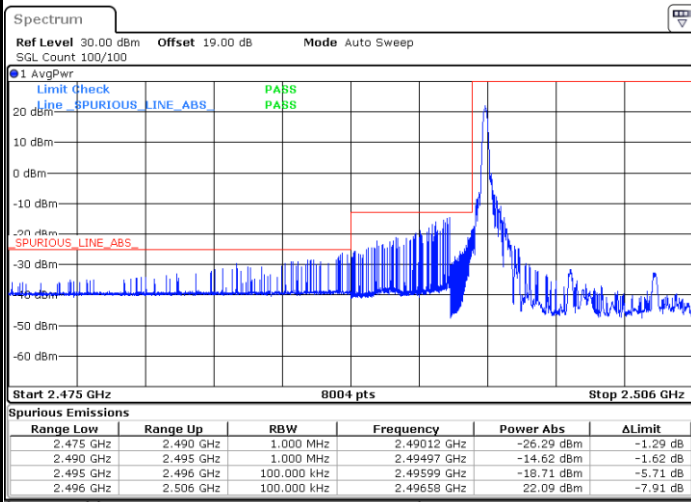


Date: 17.DEC.2021 11:31:06



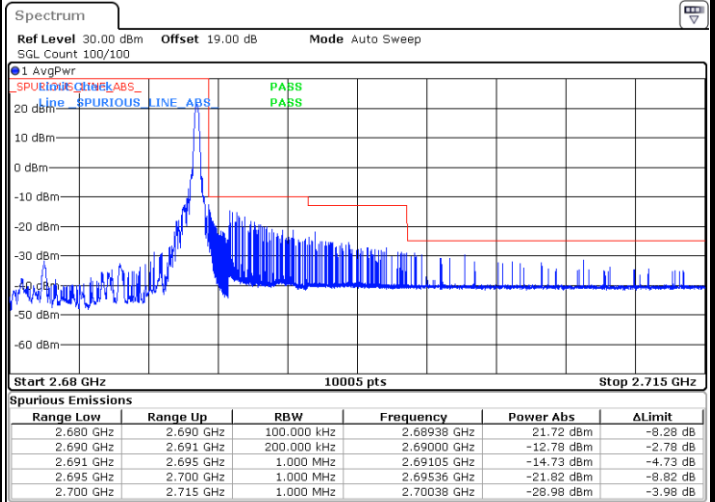
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



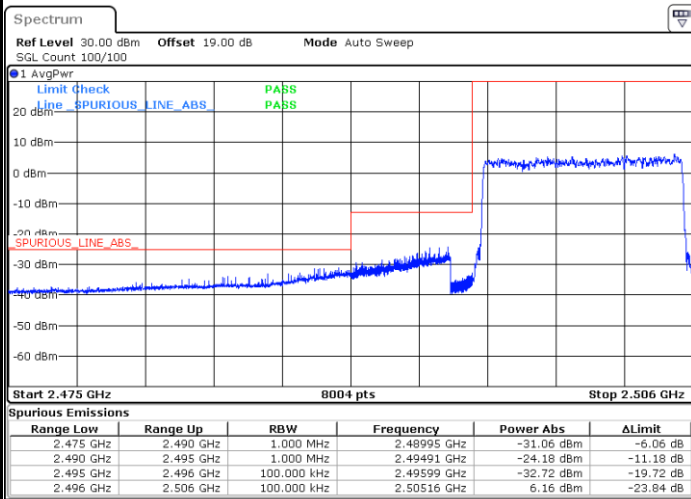
Date: 17.DEC.2021 11:48:08

Highest Band Edge / 1 RB



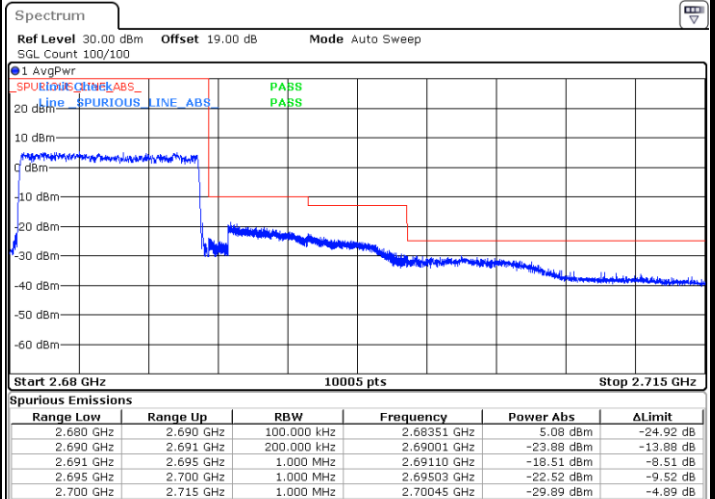
Date: 17.DEC.2021 11:49:02

Lowest Band Edge / Full RB



Date: 17.DEC.2021 11:43:10

Highest Band Edge / Full RB

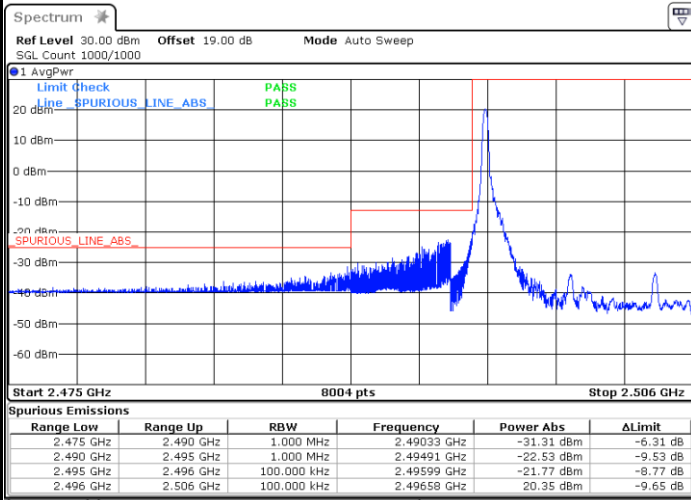


Date: 17.DEC.2021 11:51:23



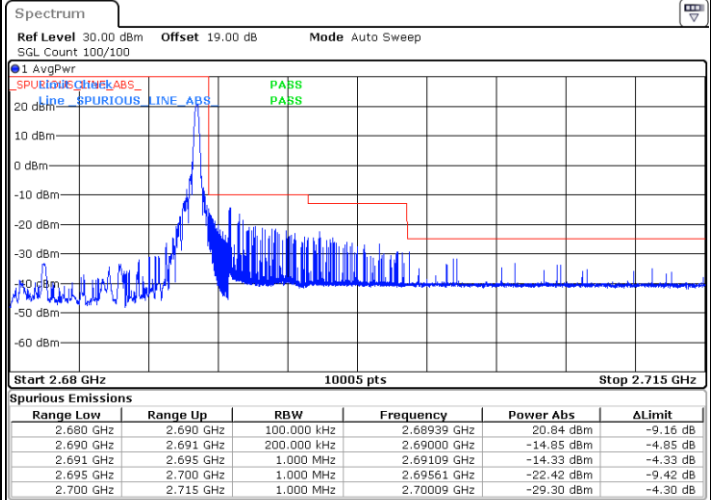
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



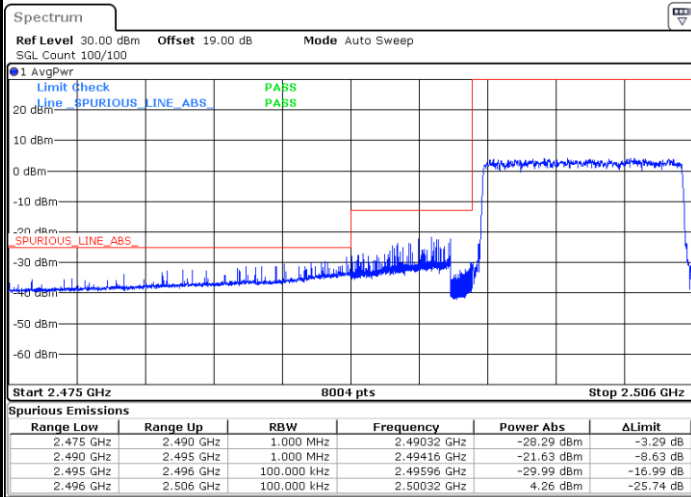
Date: 17.DEC.2021 11:47:10

Highest Band Edge / 1 RB



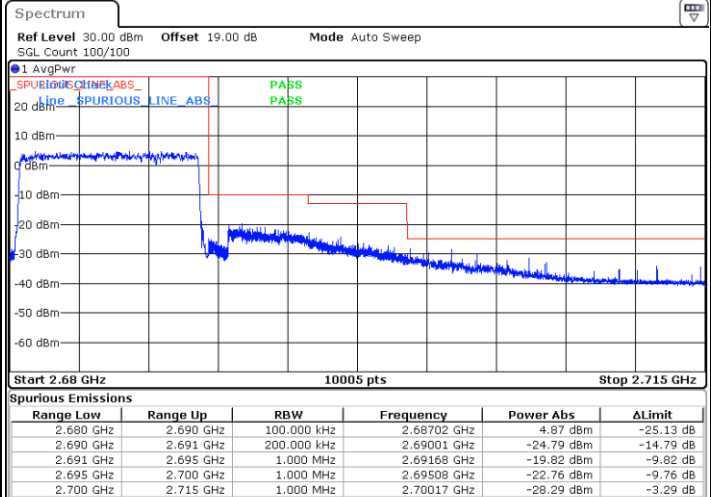
Date: 17.DEC.2021 11:49:30

Lowest Band Edge / Full RB



Date: 17.DEC.2021 11:43:46

Highest Band Edge / Full RB

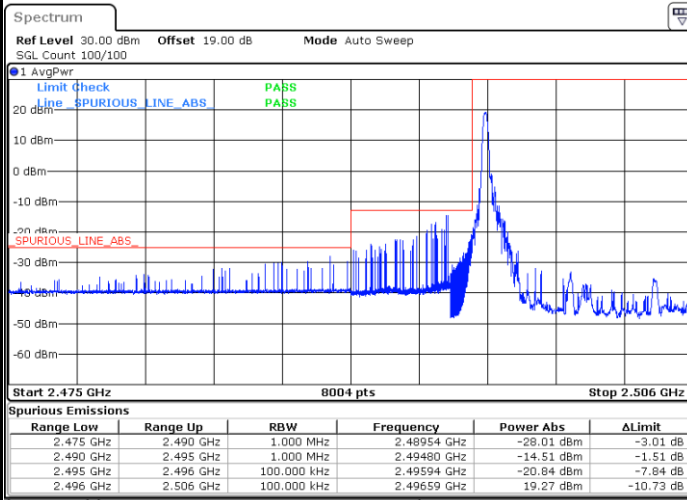


Date: 17.DEC.2021 11:50:53



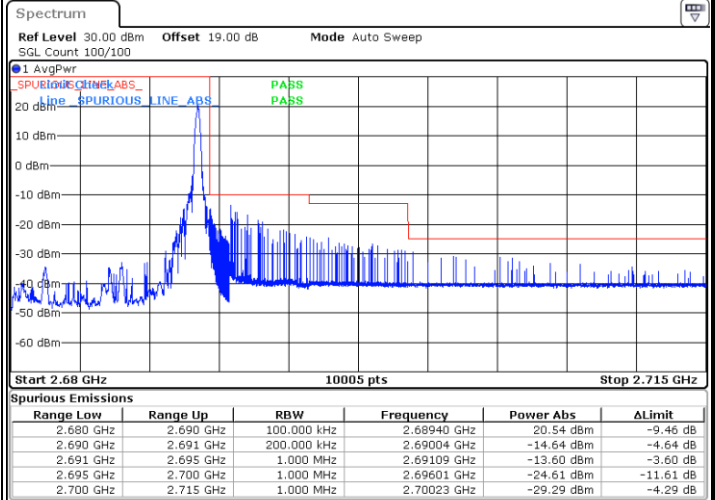
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



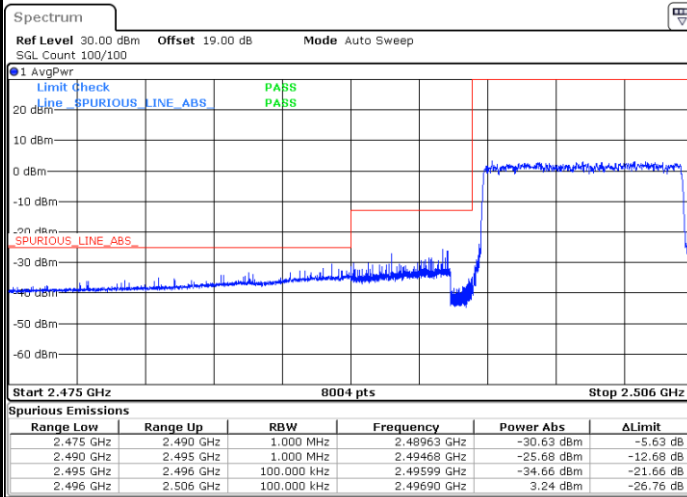
Date: 17.DEC.2021 11:45:51

Highest Band Edge / 1 RB



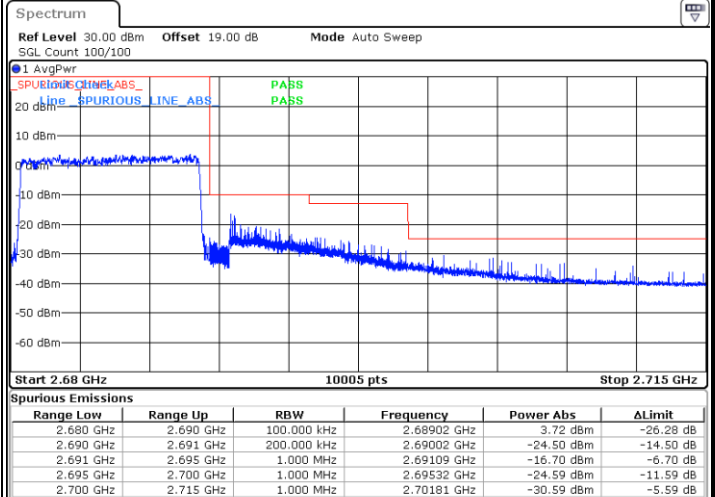
Date: 17.DEC.2021 11:49:57

Lowest Band Edge / Full RB



Date: 17.DEC.2021 11:44:32

Highest Band Edge / Full RB

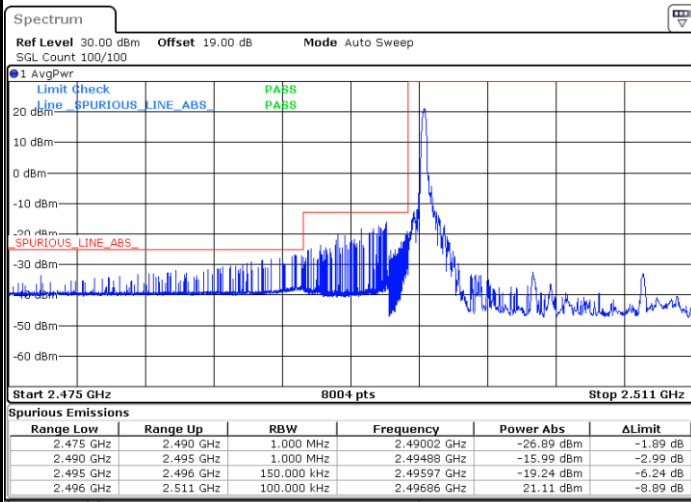


Date: 17.DEC.2021 11:50:26



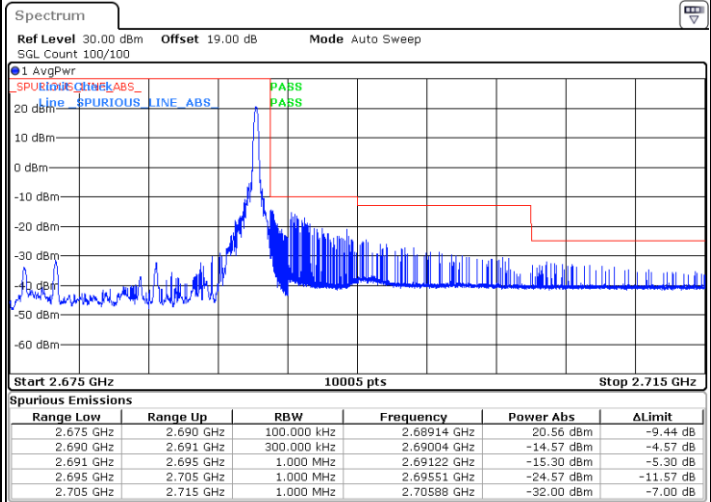
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



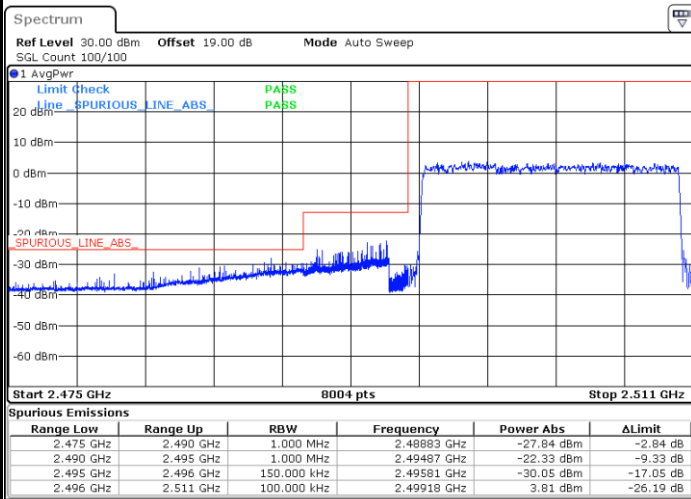
Date: 17.DEC.2021 11:55:22

Highest Band Edge / 1 RB



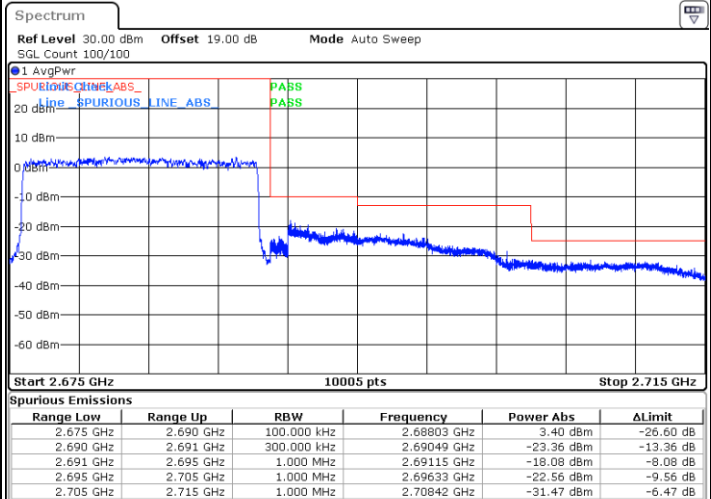
Date: 17.DEC.2021 11:57:44

Lowest Band Edge / Full RB



Date: 17.DEC.2021 11:52:35

Highest Band Edge / Full RB

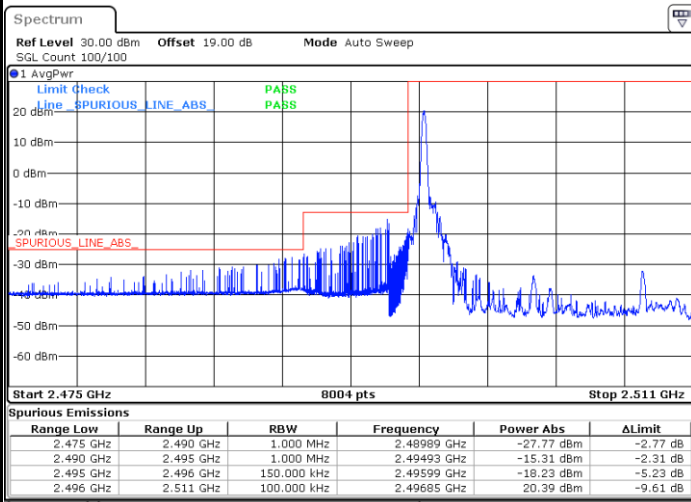


Date: 17.DEC.2021 12:00:28



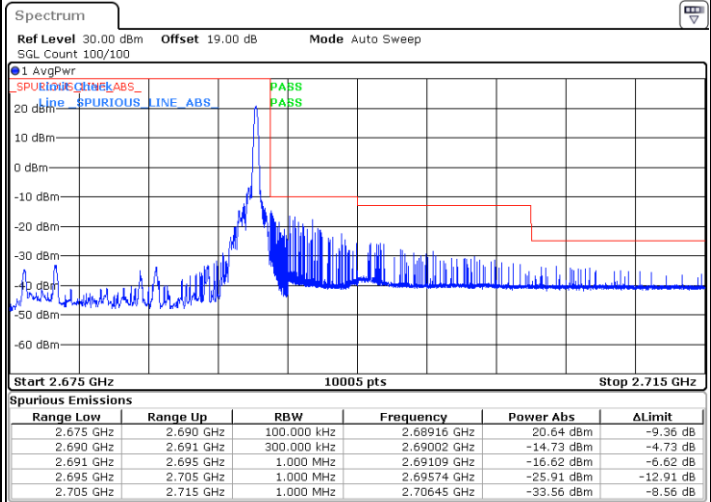
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



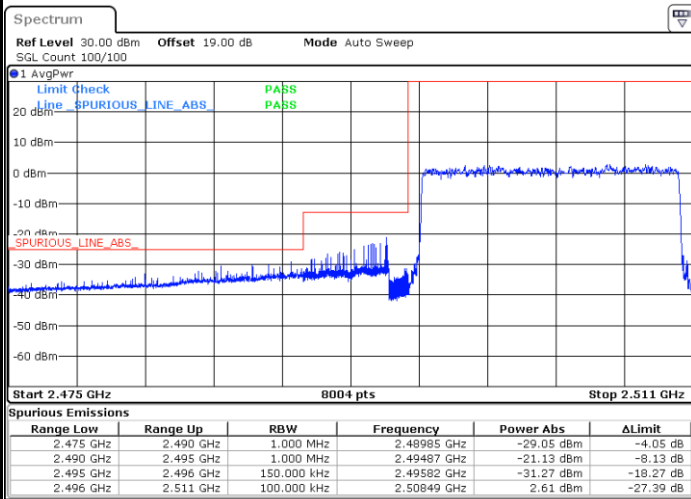
Date: 17.DEC.2021 11:54:44

Highest Band Edge / 1 RB



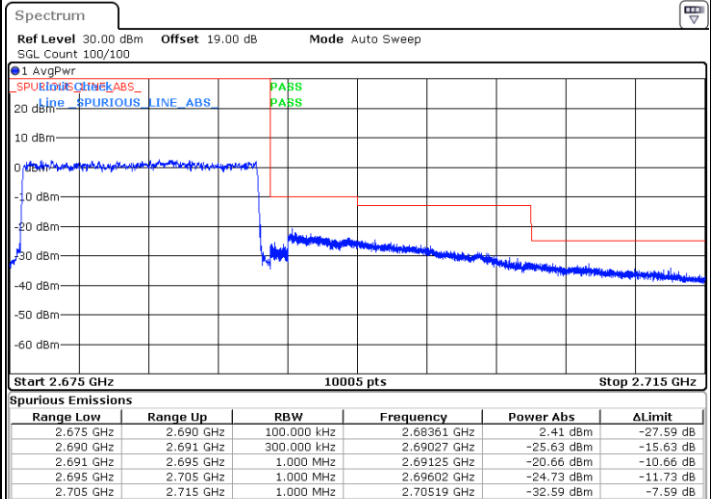
Date: 17.DEC.2021 11:57:12

Lowest Band Edge / Full RB



Date: 17.DEC.2021 11:53:12

Highest Band Edge / Full RB

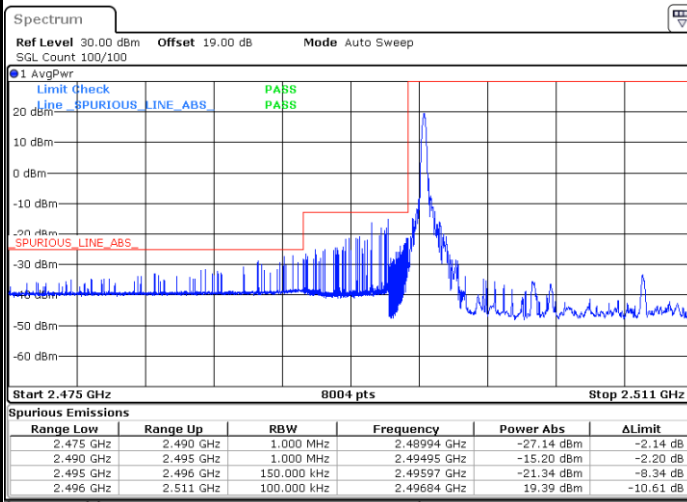


Date: 17.DEC.2021 11:59:48



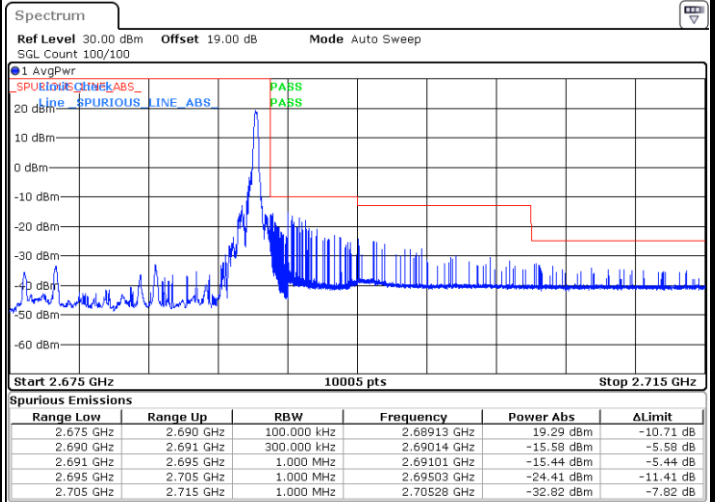
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



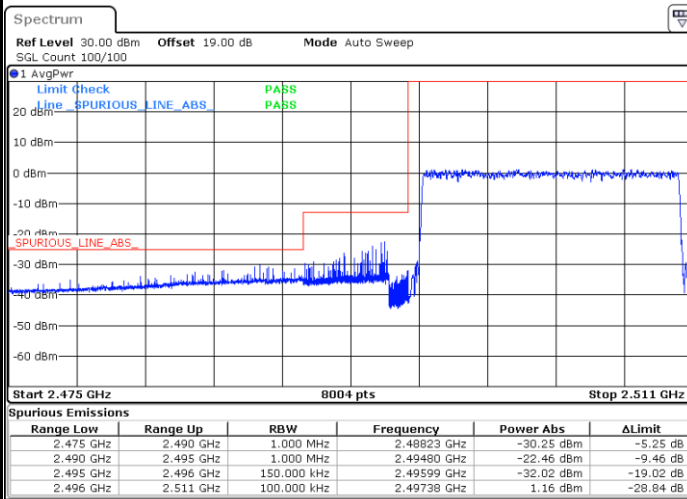
Date: 17.DEC.2021 11:54:10

Highest Band Edge / 1 RB



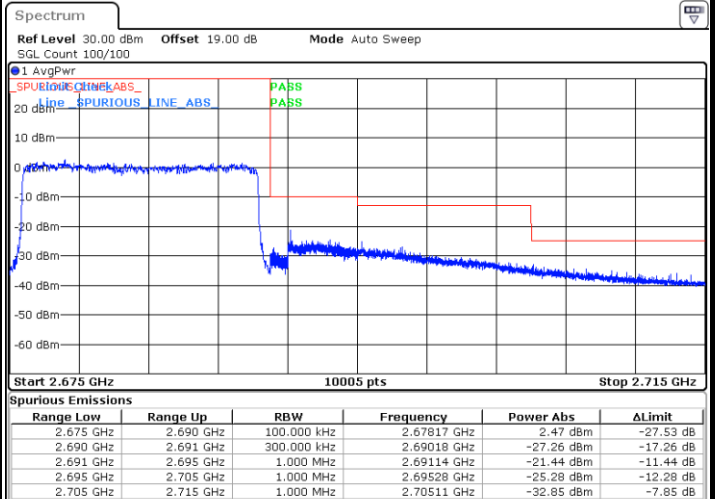
Date: 17.DEC.2021 11:58:18

Lowest Band Edge / Full RB



Date: 17.DEC.2021 11:53:39

Highest Band Edge / Full RB

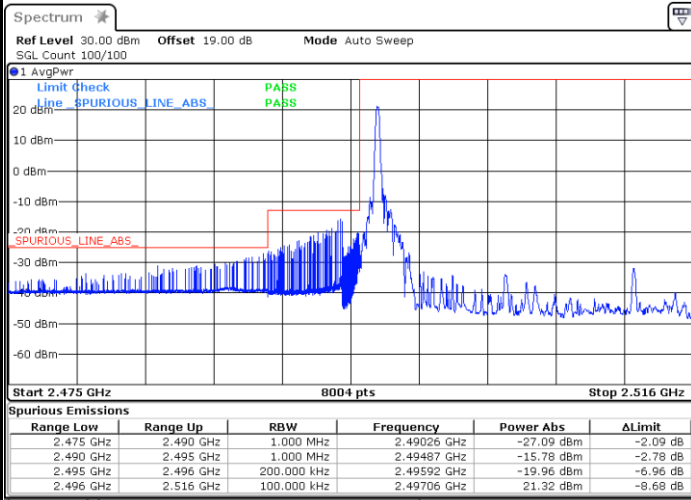


Date: 17.DEC.2021 11:59:17



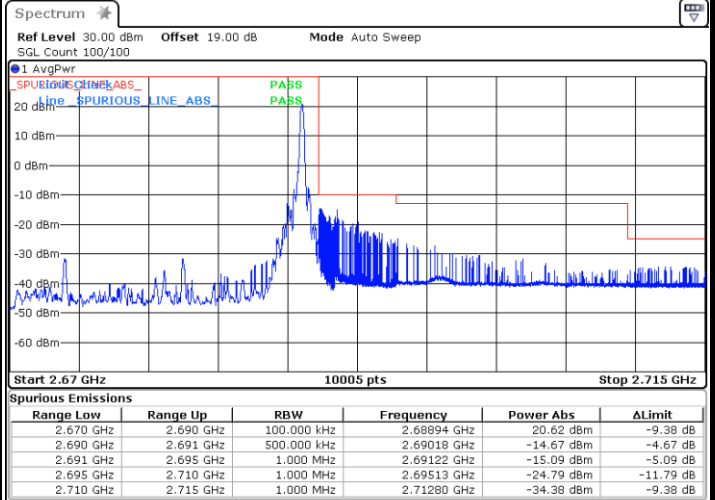
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



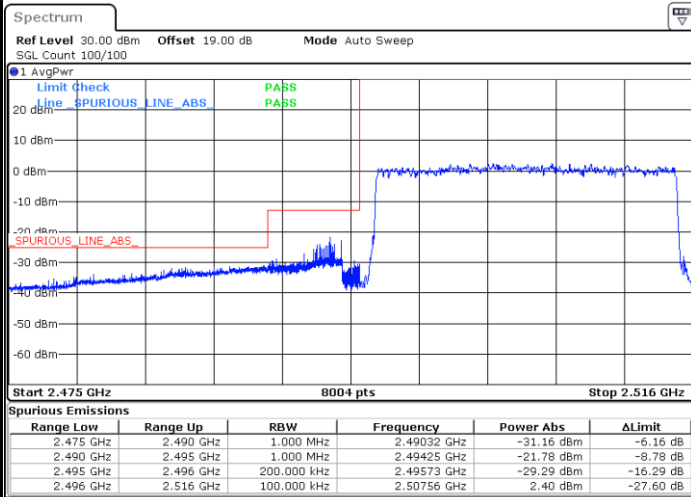
Date: 17.DEC.2021 13:39:25

Highest Band Edge / 1 RB



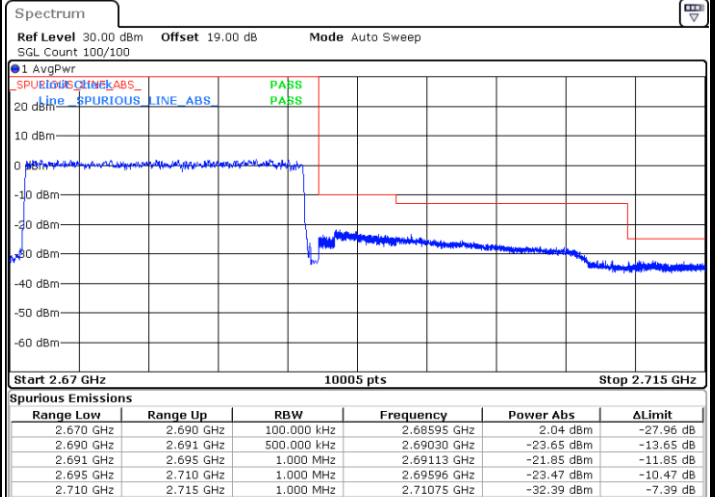
Date: 17.DEC.2021 13:41:52

Lowest Band Edge / Full RB



Date: 17.DEC.2021 13:35:38

Highest Band Edge / Full RB

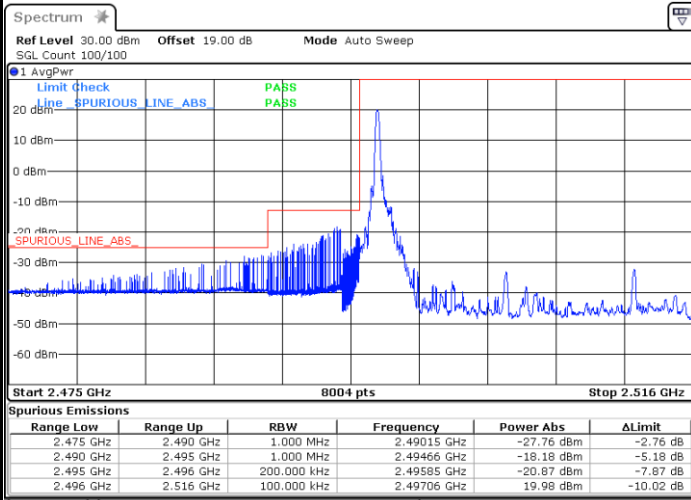


Date: 17.DEC.2021 13:45:06



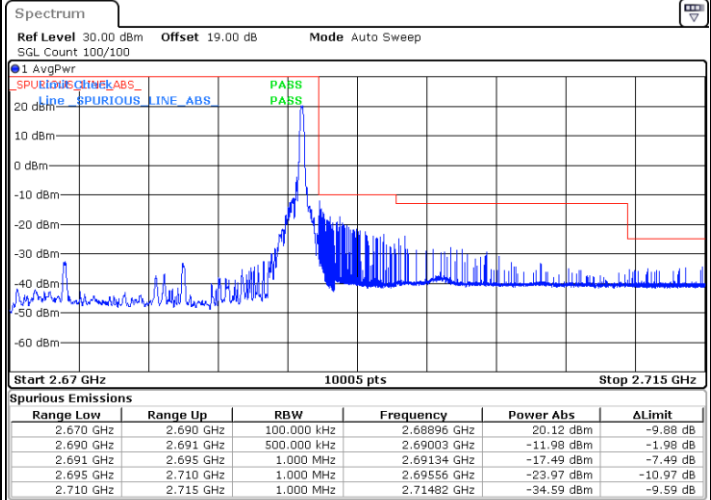
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



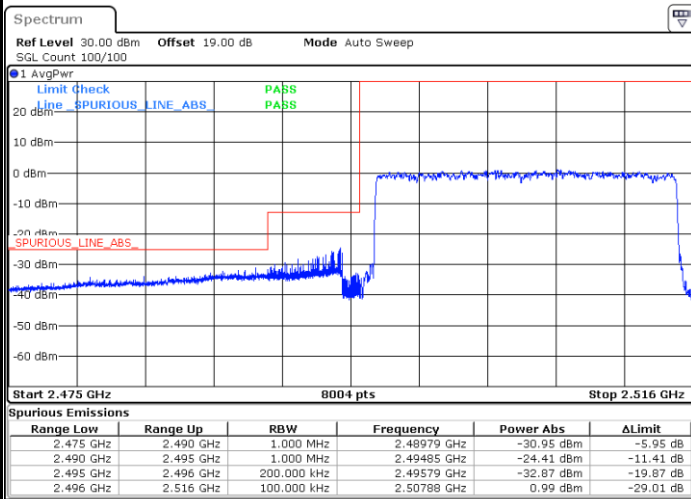
Date: 17.DEC.2021 13:38:28

Highest Band Edge / 1 RB



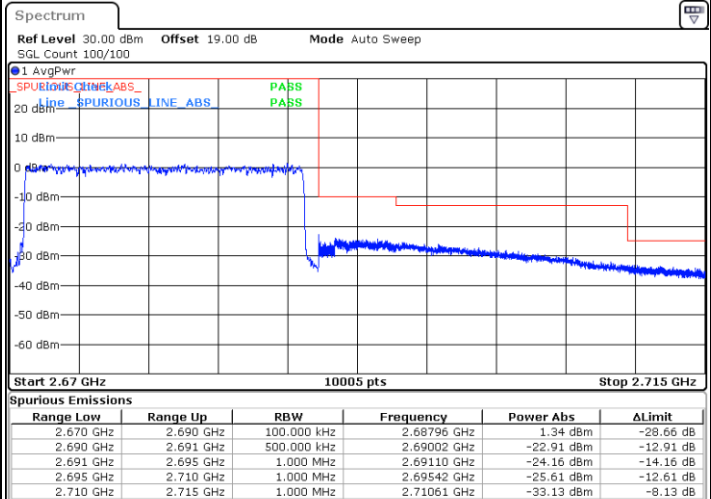
Date: 17.DEC.2021 13:42:27

Lowest Band Edge / Full RB



Date: 17.DEC.2021 13:36:15

Highest Band Edge / Full RB

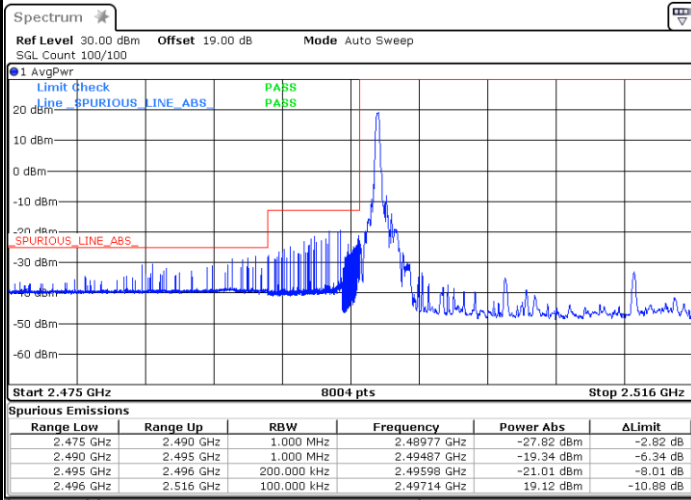


Date: 17.DEC.2021 13:44:38



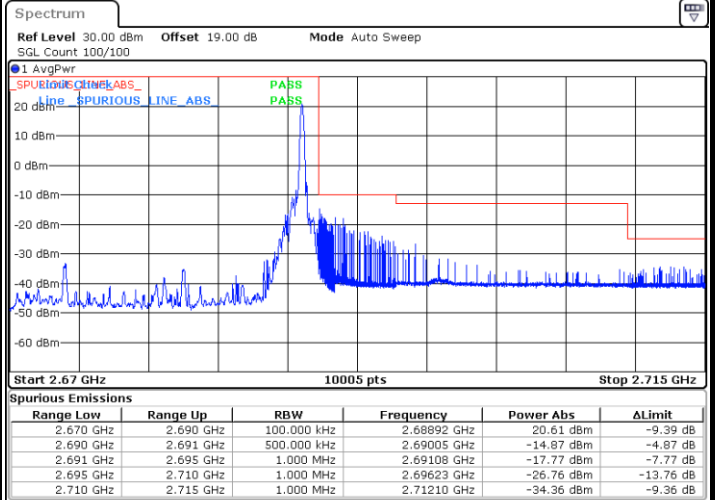
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



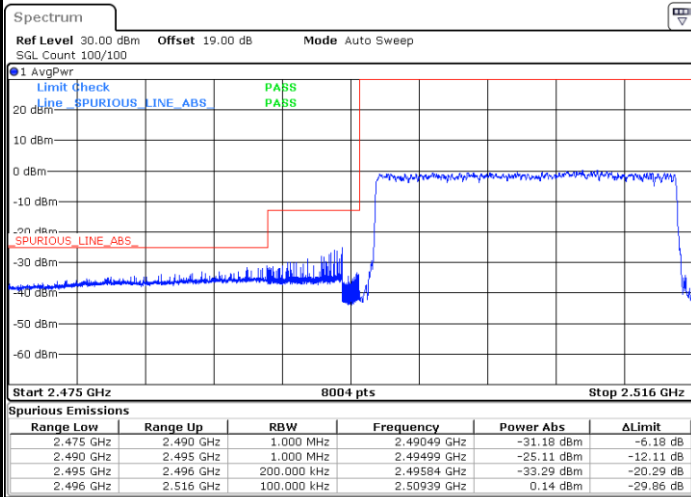
Date: 17.DEC.2021 13:37:38

Highest Band Edge / 1 RB



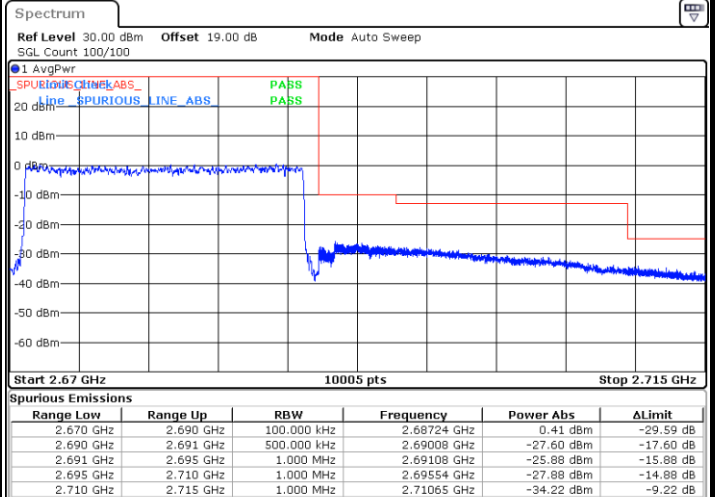
Date: 17.DEC.2021 13:43:07

Lowest Band Edge / Full RB



Date: 17.DEC.2021 13:36:51

Highest Band Edge / Full RB



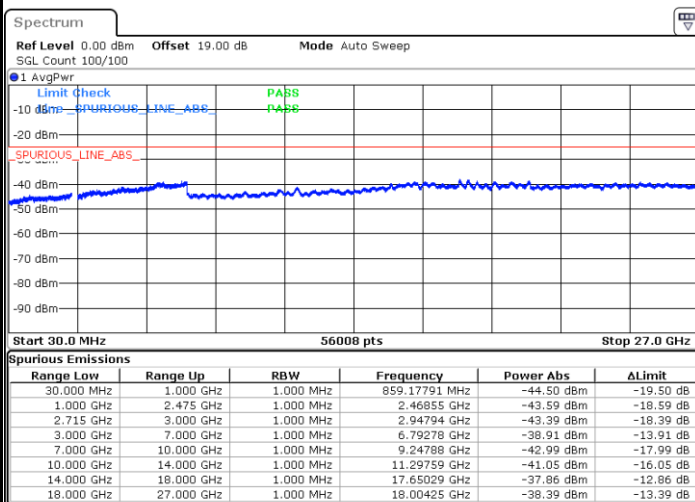
Date: 17.DEC.2021 13:44:08



Conducted Spurious Emission

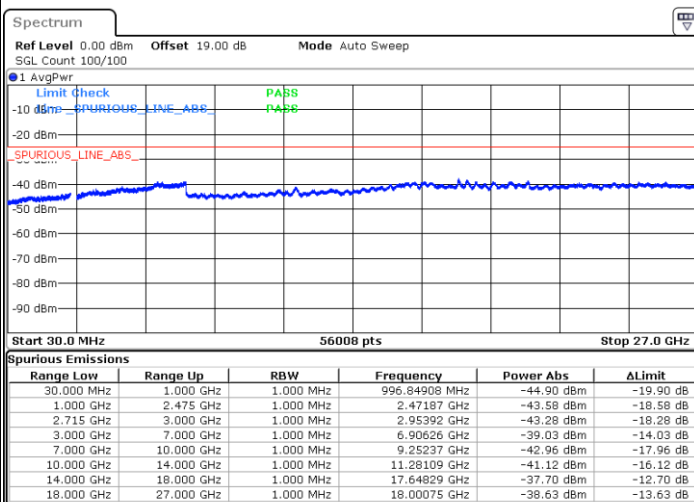
LTE Band 41 / 5MHz

Lowest Channel / QPSK



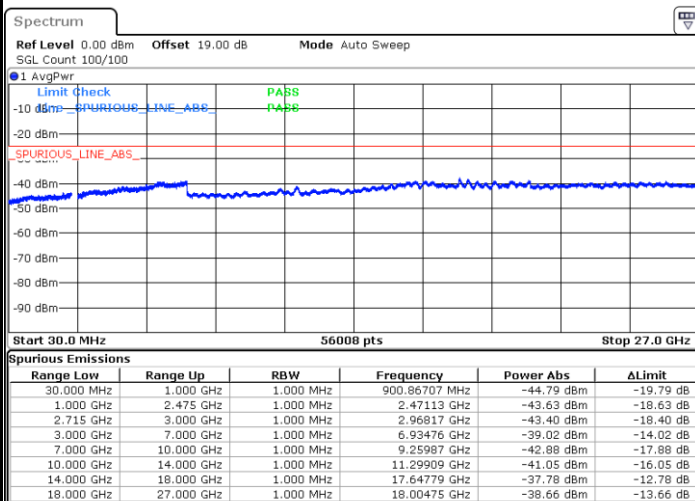
Date: 16.DEC.2021 11:36:46

Lowest Channel / 16QAM



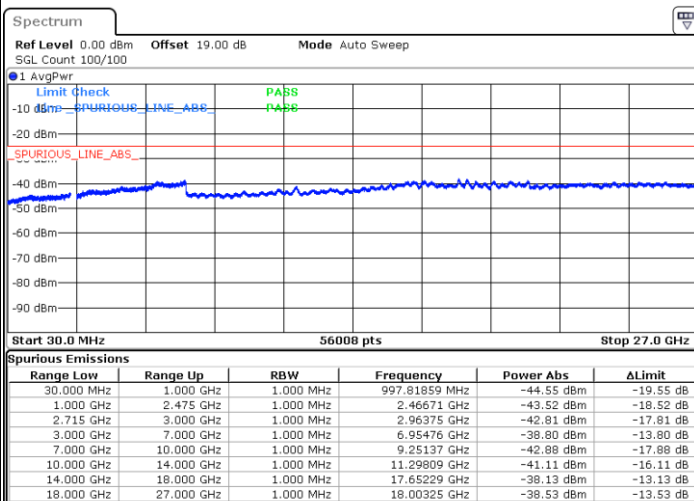
Date: 16.DEC.2021 11:37:46

Middle Channel / QPSK



Date: 16.DEC.2021 11:38:45

Middle Channel / 16QAM

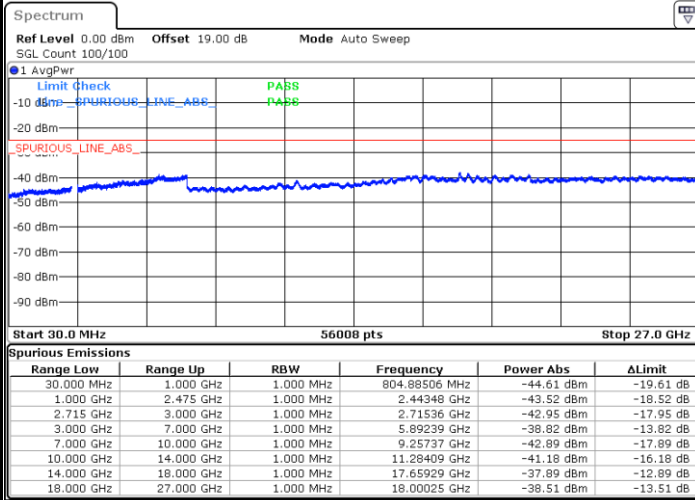


Date: 16.DEC.2021 11:39:44



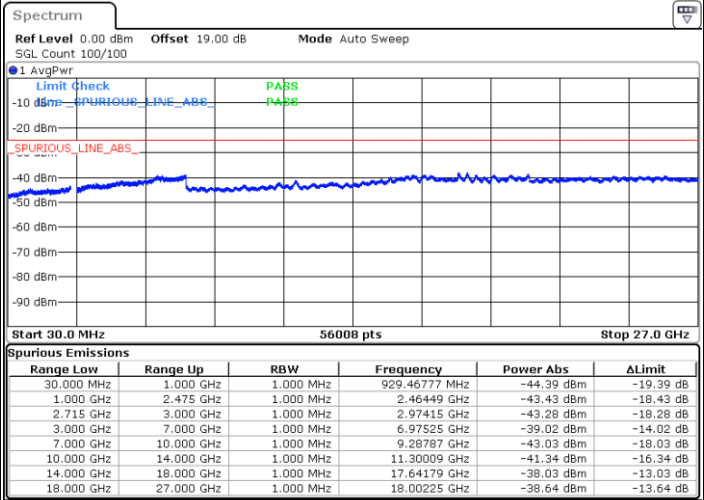
LTE Band 41 / 5MHz

Highest Channel / QPSK



Date: 16.DEC.2021 11:40:43

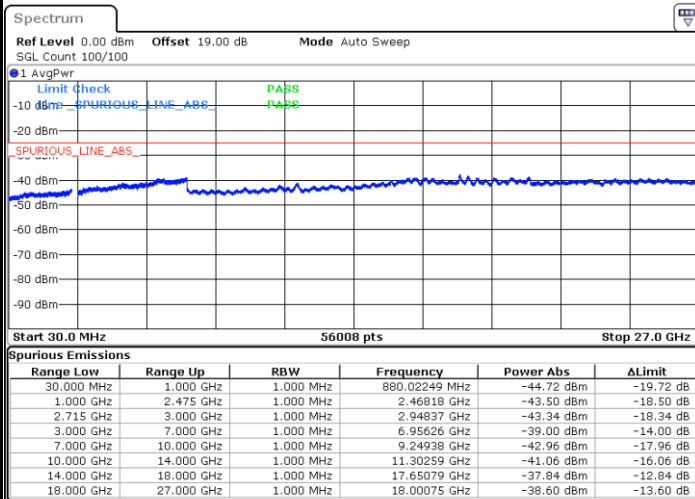
Highest Channel / 16QAM



Date: 16.DEC.2021 11:41:43

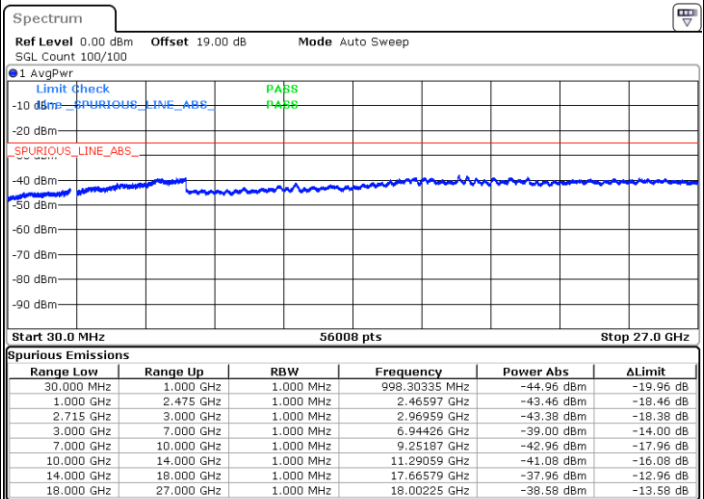
LTE Band 41 / 10MHz

Lowest Channel / QPSK



Date: 16.DEC.2021 11:48:39

Lowest Channel / 16QAM



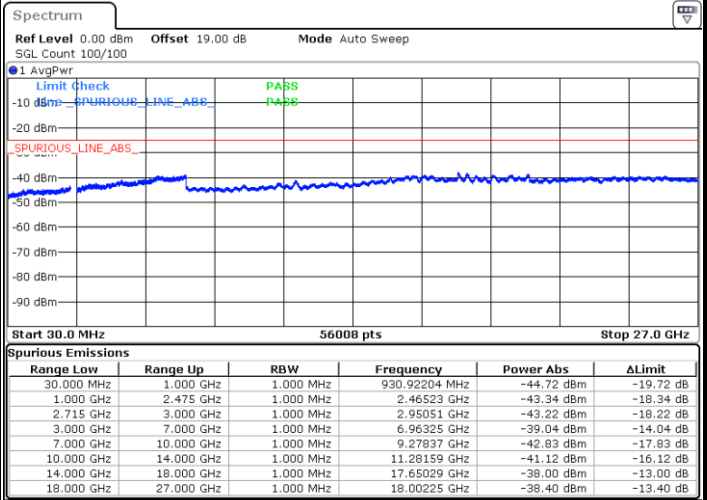
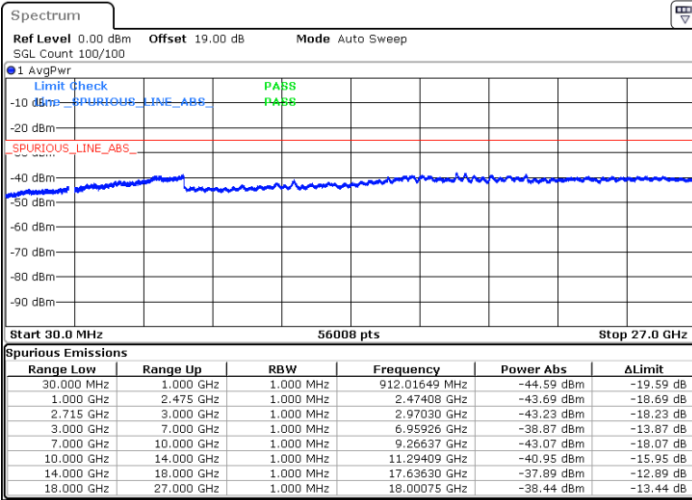
Date: 16.DEC.2021 11:49:39



LTE Band 41 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

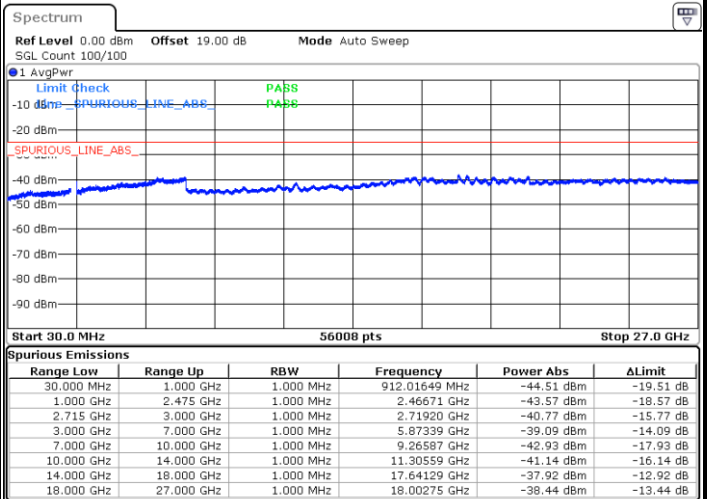
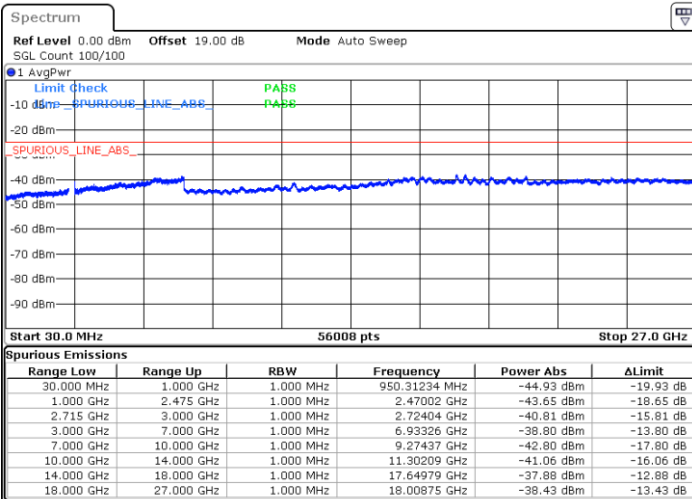


Date: 16.DEC.2021 11:50:38

Date: 16.DEC.2021 11:51:37

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16.DEC.2021 11:52:36

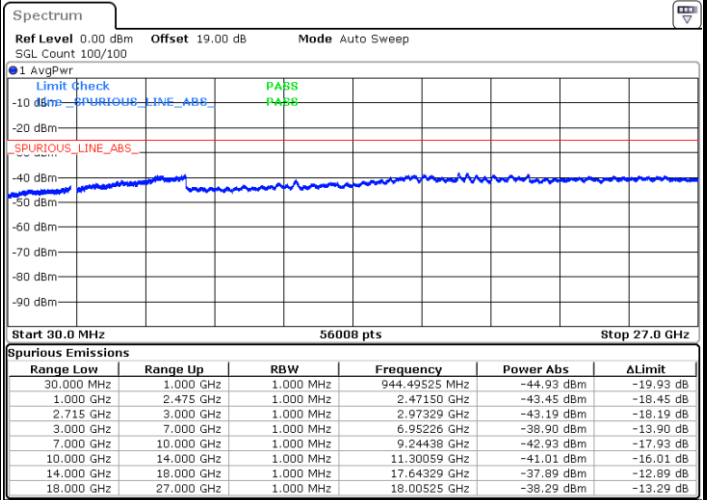
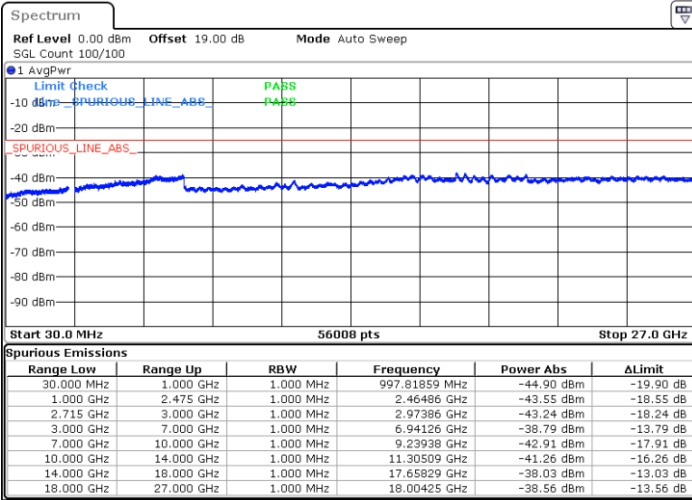
Date: 16.DEC.2021 11:53:35



LTE Band 41 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

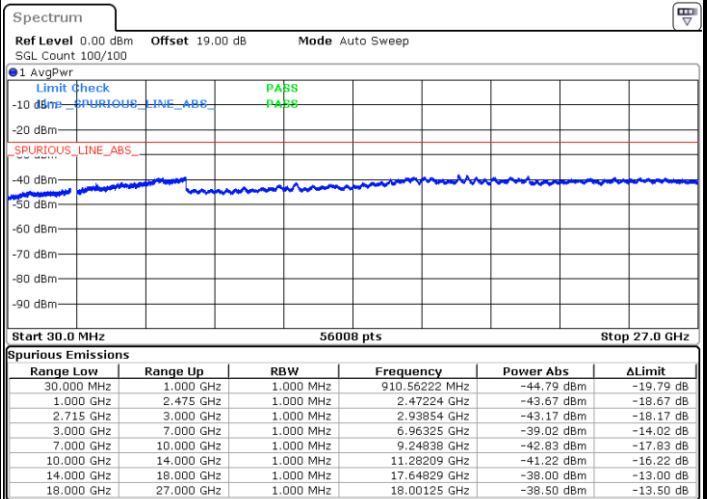
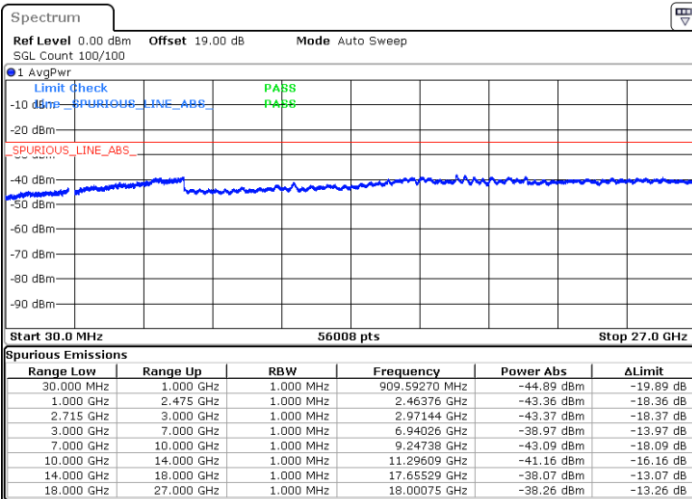


Date: 16.DEC.2021 11:54:35

Date: 16.DEC.2021 11:55:35

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 16.DEC.2021 11:56:34

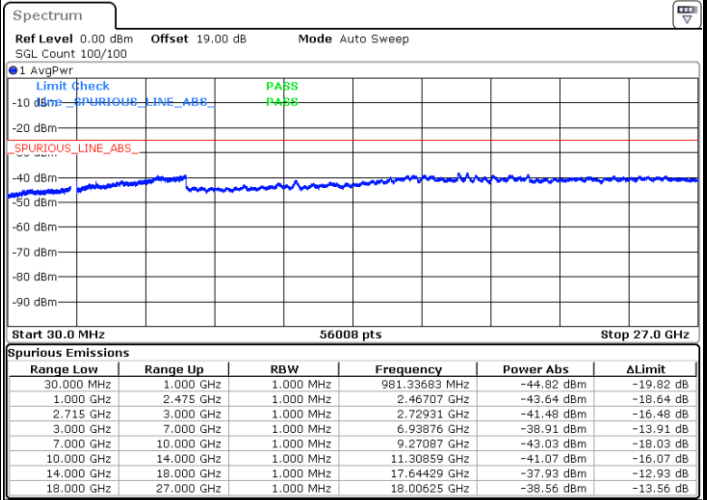
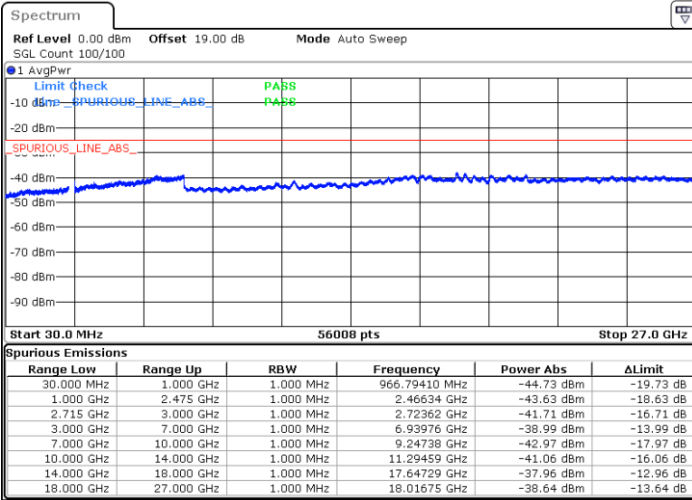
Date: 16.DEC.2021 11:57:33



LTE Band 41 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



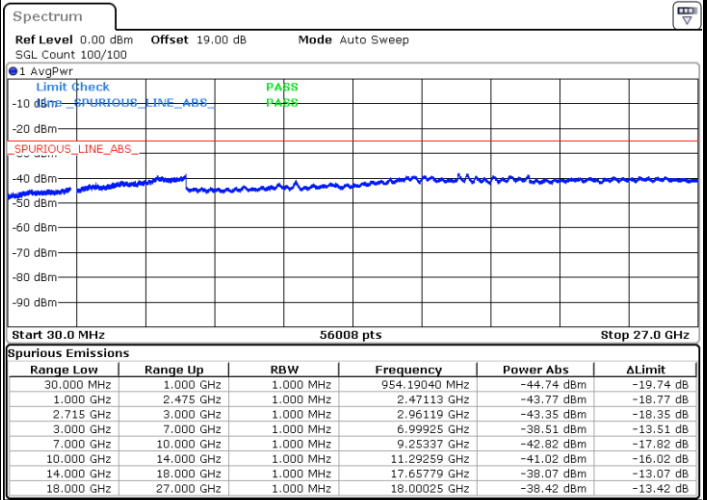
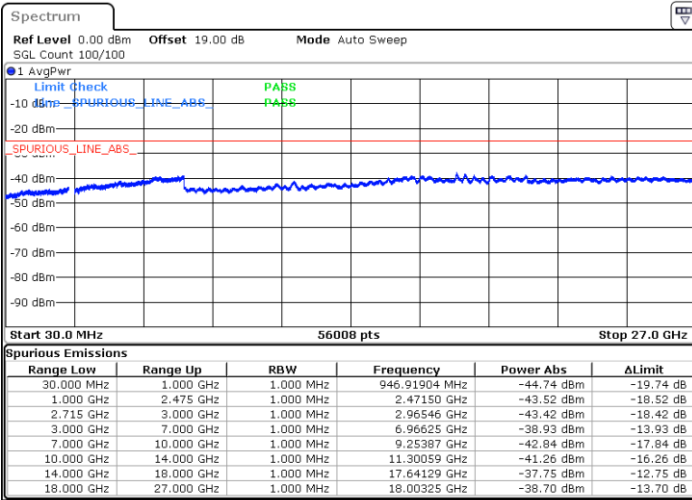
Date: 16.DEC.2021 11:58:32

Date: 16.DEC.2021 11:59:31

LTE Band 41 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 16.DEC.2021 12:03:31

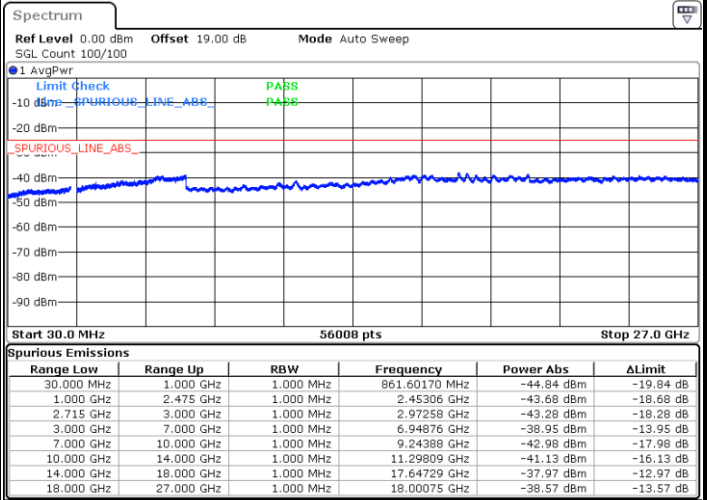
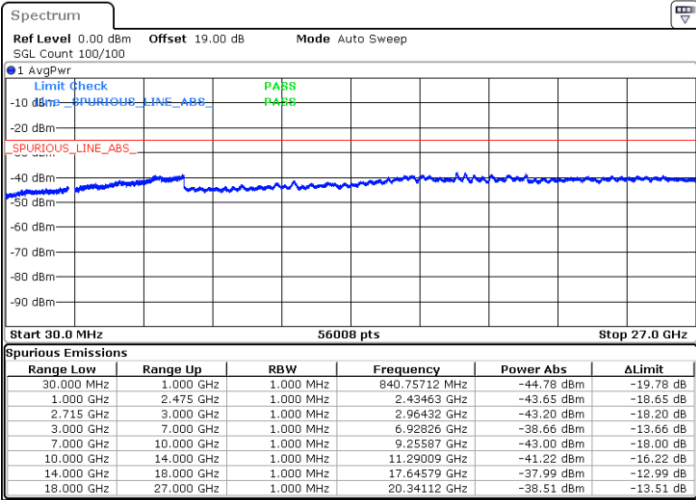
Date: 16.DEC.2021 12:04:30



LTE Band 41 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

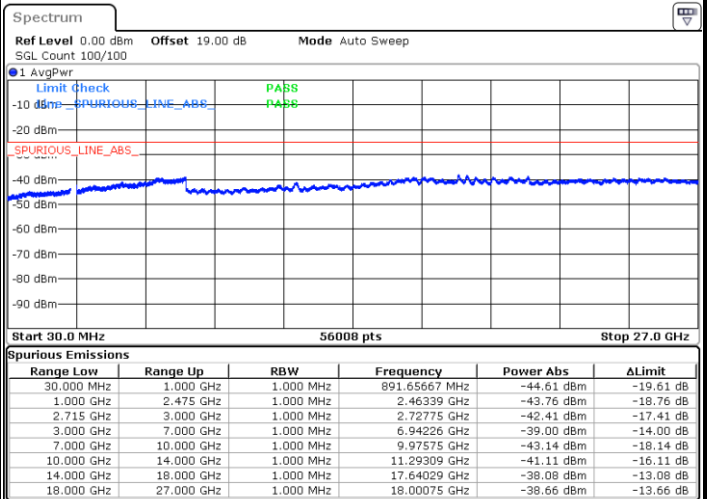
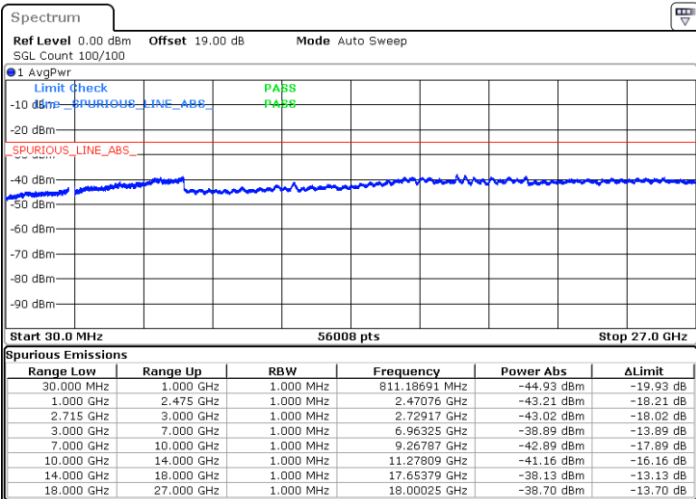


Date: 16.DEC.2021 12:05:29

Date: 16.DEC.2021 12:06:28

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16.DEC.2021 12:07:28

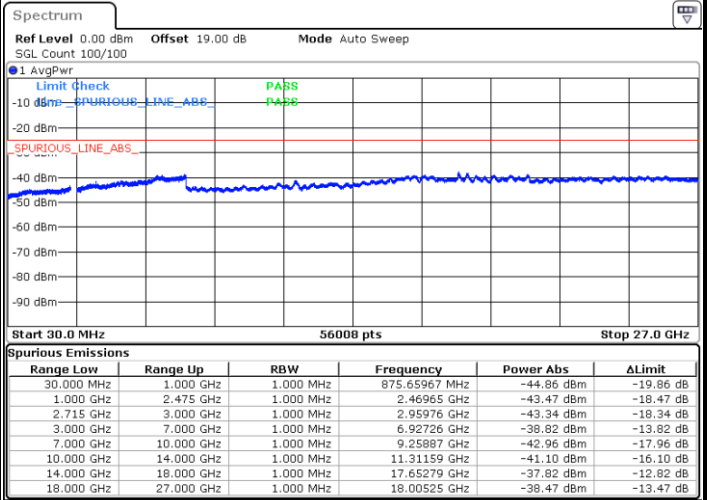
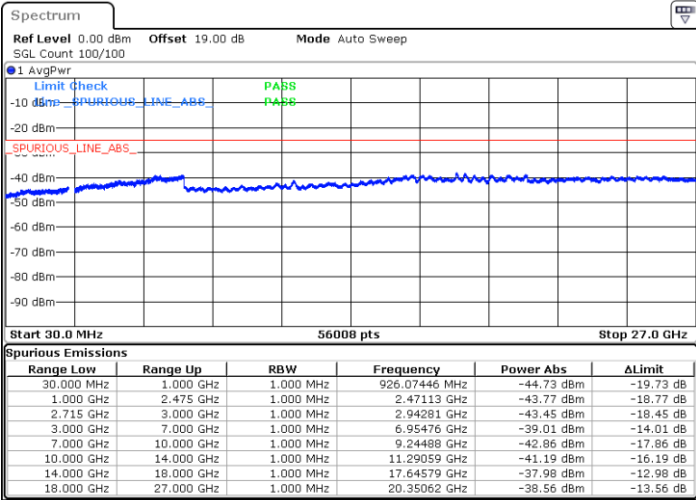
Date: 16.DEC.2021 12:08:27



LTE Band 41 / 5MHz

Lowest Channel / 64QAM

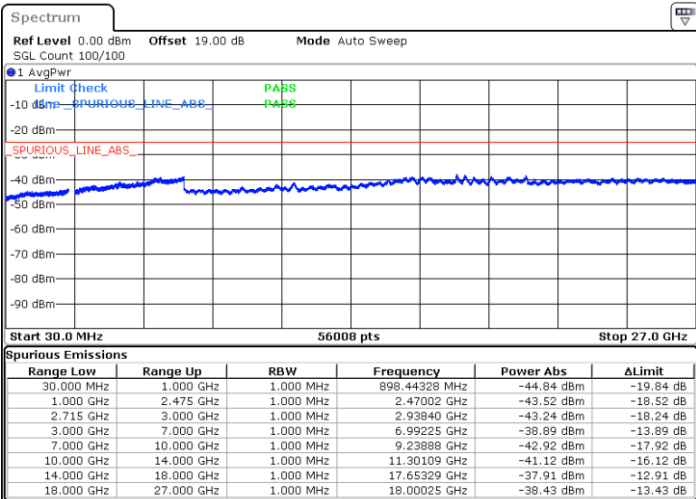
Middle Channel / 64QAM



Date: 16.DEC.2021 11:42:43

Date: 16.DEC.2021 11:43:42

Highest Channel / 64QAM



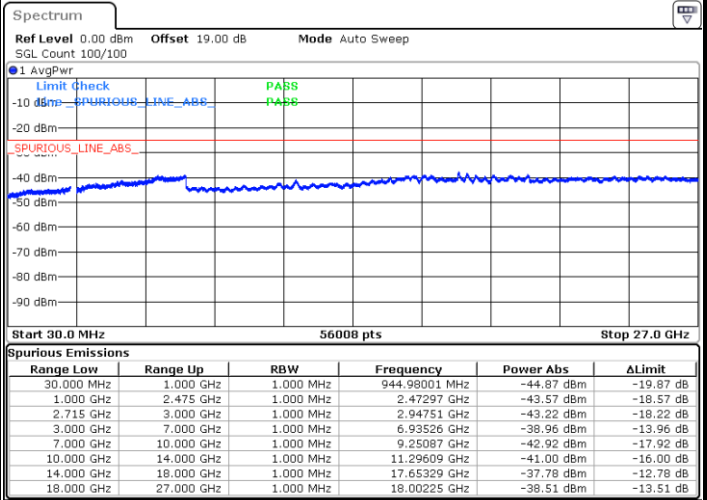
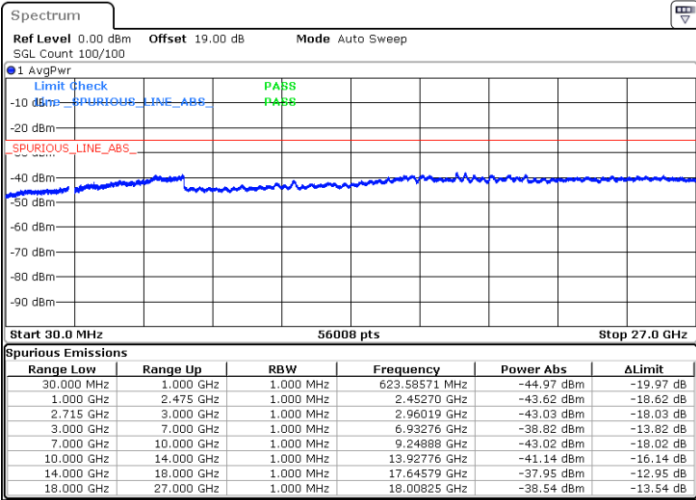
Date: 16.DEC.2021 11:44:41



LTE Band 41 / 10MHz

Lowest Channel / 64QAM

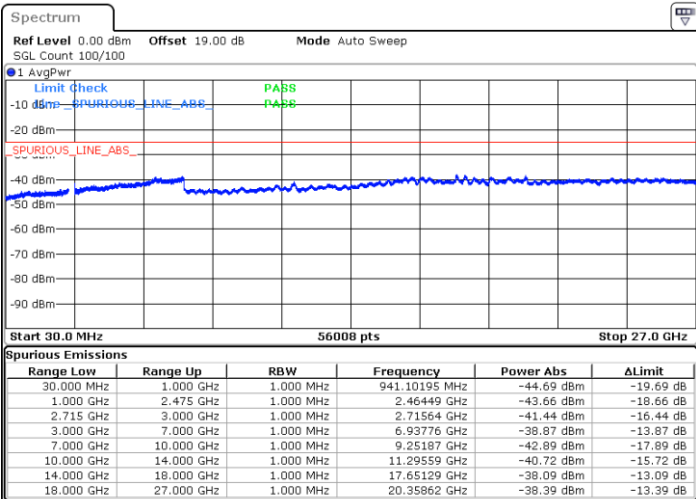
Middle Channel / 64QAM



Date: 16.DEC.2021 11:45:42

Date: 16.DEC.2021 11:46:40

Highest Channel / 64QAM



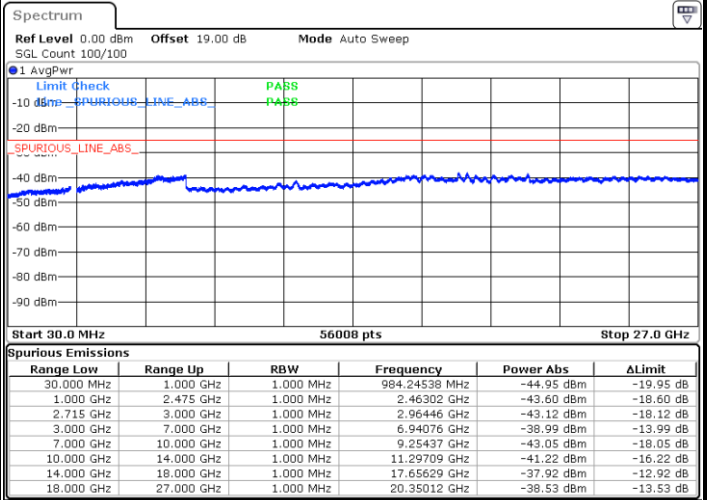
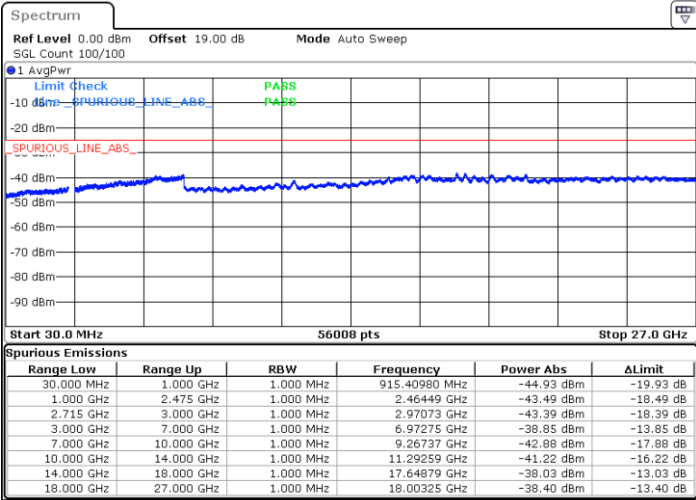
Date: 16.DEC.2021 11:47:40



LTE Band 41 / 15MHz

Lowest Channel / 64QAM

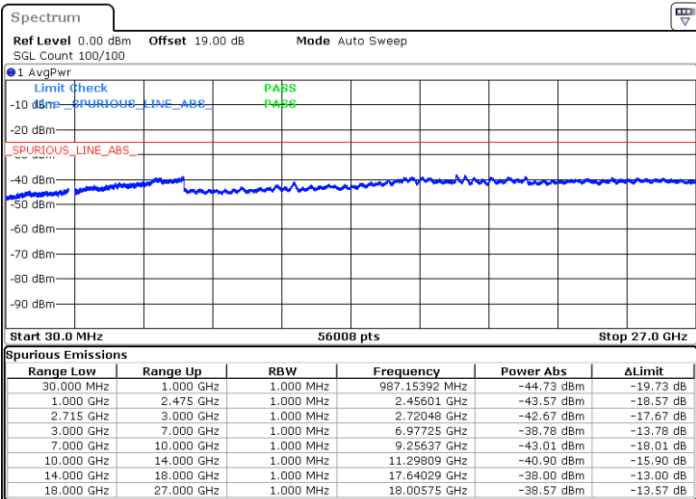
Middle Channel / 64QAM



Date: 16.DEC.2021 12:00:31

Date: 16.DEC.2021 12:01:31

Highest Channel / 64QAM



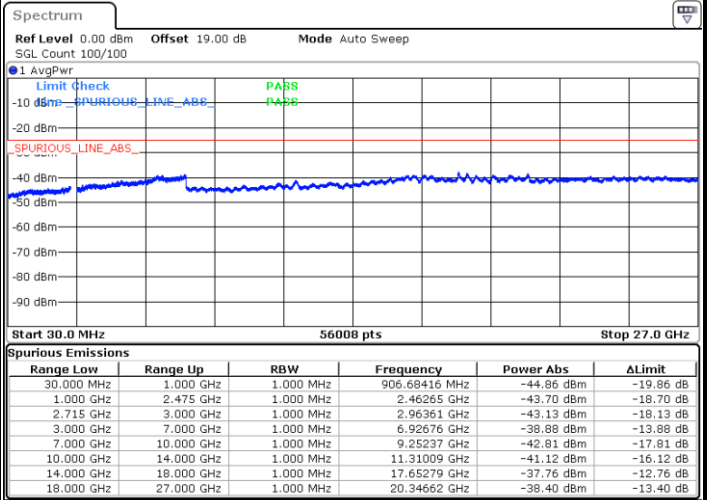
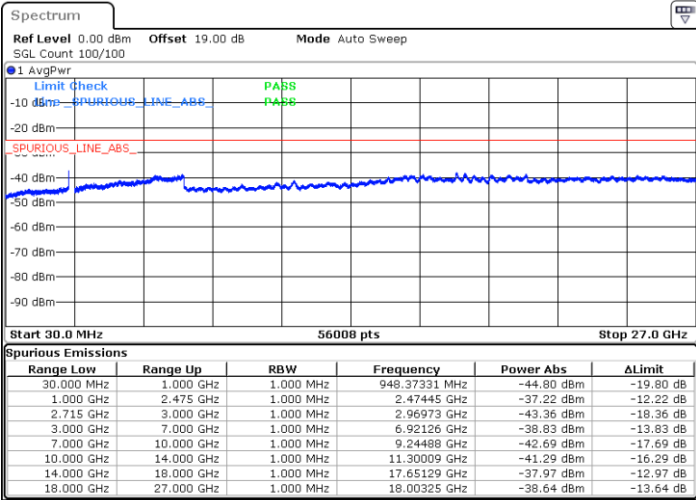
Date: 16.DEC.2021 12:02:30



LTE Band 41 / 20MHz

Lowest Channel / 64QAM

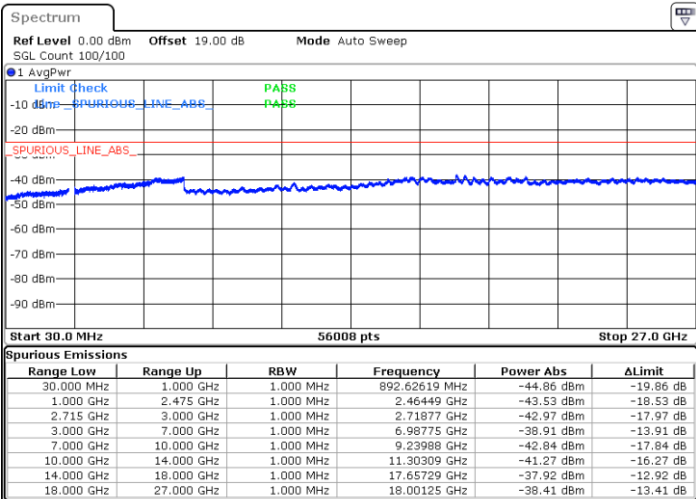
Middle Channel / 64QAM



Date: 16.DEC.2021 12:09:26

Date: 16.DEC.2021 12:10:25

Highest Channel / 64QAM



Date: 16.DEC.2021 12:11:24



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	0.0014	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0014	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0008	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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	24.93	25.18	30.21	25.18	30.75
Middle CH	24.98	25.38	29.97	25.28	30.57
Highest CH	24.98	25.33	30.09	25.18	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	24.88	29.97	34.90	39.88
Middle CH	34.97	24.83	30.03	35.04	39.80
Highest CH	34.97	24.93	29.85	34.83	39.80

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.98	25.18	30.03	25.38	30.57
Middle CH	24.88	25.33	29.97	25.28	30.57
Highest CH	24.98	25.28	29.79	25.28	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.90	24.78	29.85	35.04	39.96
Middle CH	34.97	24.78	30.03	34.97	39.88
Highest CH	34.97	24.83	29.97	34.97	39.80

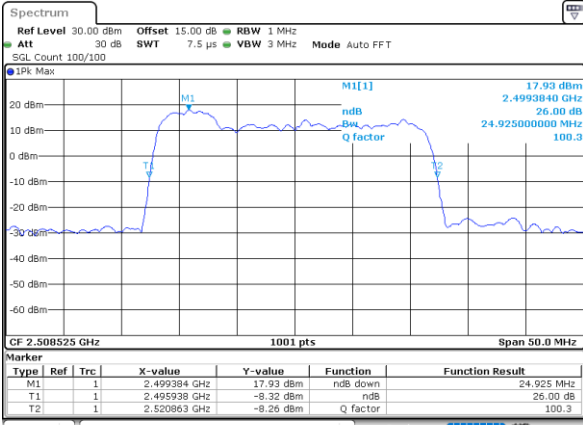
Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	24.83	25.13	30.03	25.28	30.51
Middle CH	24.93	25.28	30.03	25.28	30.69
Highest CH	24.78	25.33	29.79	25.38	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	34.97	24.78	29.85	35.04	39.88
Middle CH	34.69	24.93	30.09	34.90	39.80
Highest CH	34.90	24.88	30.03	34.97	39.72



LTE Band 41C

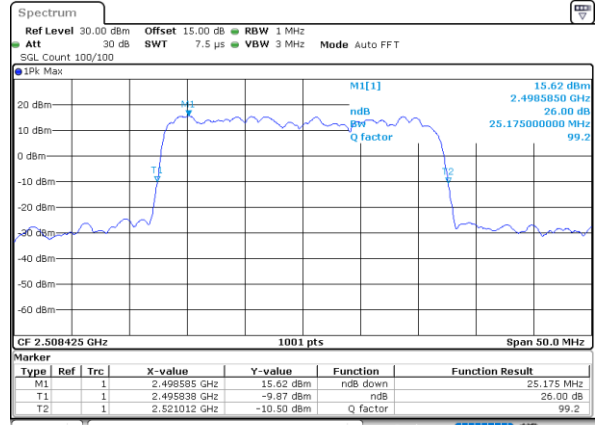
QPSK

Lowest Channel / 5MHz+20MHz



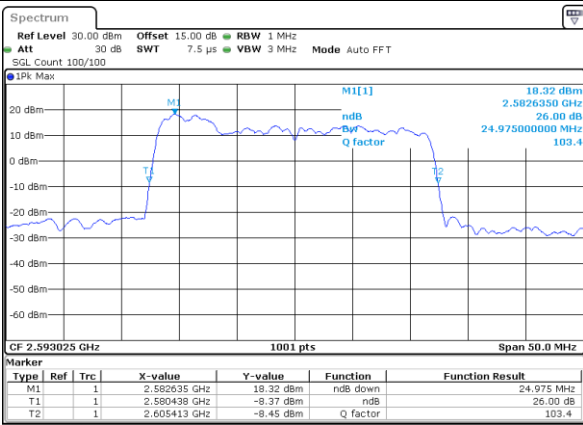
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Lowest Channel / 10MHz+15MHz



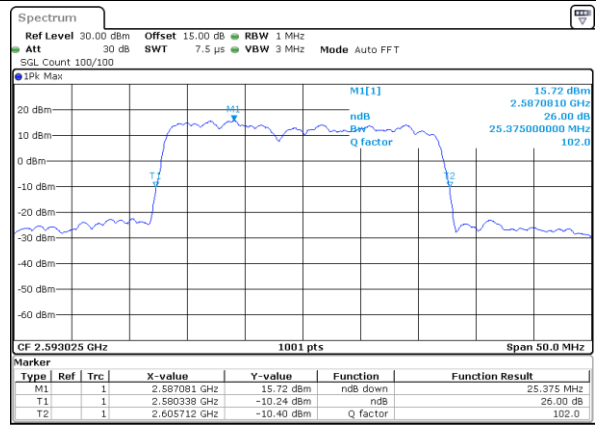
Date: 18, DEC, 2021 01:23:43

Middle Channel / 5MHz+20MHz



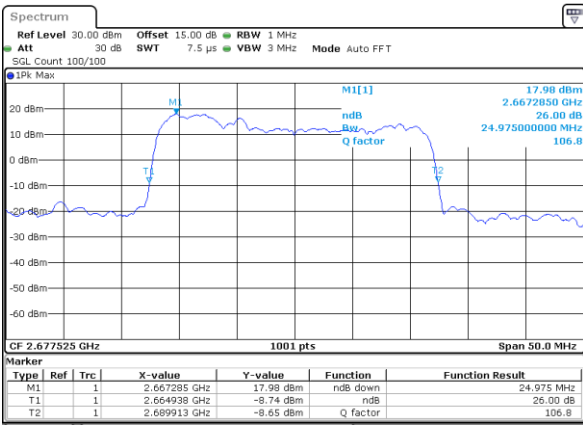
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Middle Channel / 10MHz+15MHz



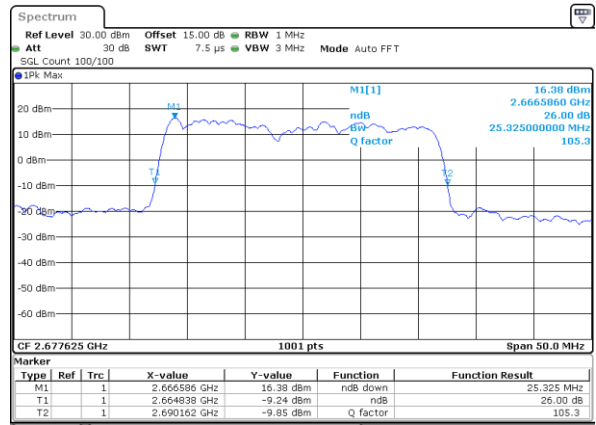
Date: 18, DEC, 2021 01:26:48

Highest Channel / 5MHz+20MHz



Date: 17, DEC, 2021 17:55:47

Highest Channel / 10MHz+15MHz



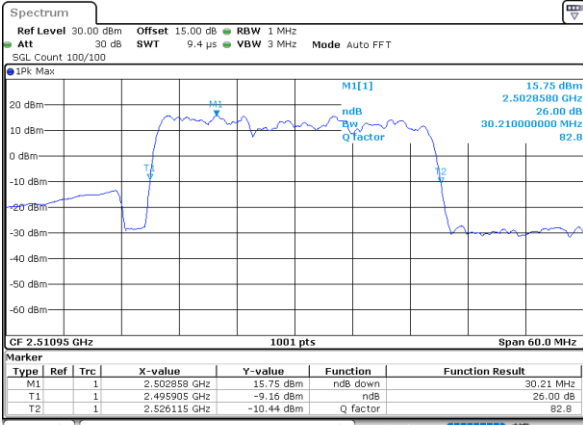
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LTE Band 41C

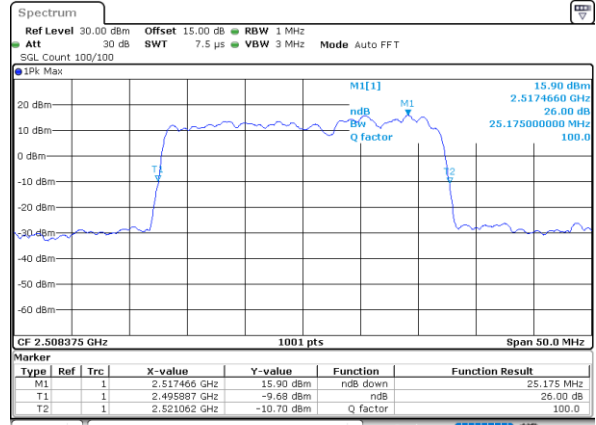
QPSK

Lowest Channel / 10MHz+20MHz



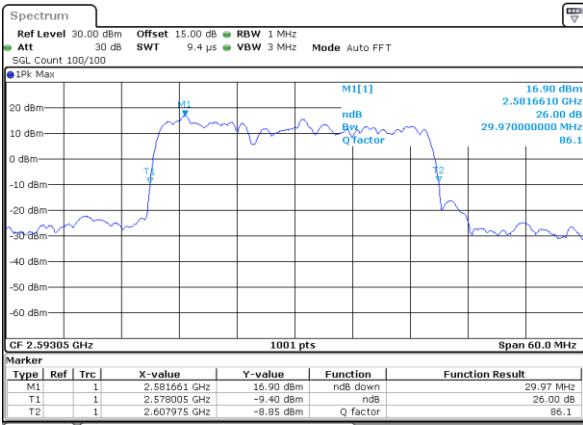
Date: 18 DEC 2021 04:56:20

Lowest Channel / 15MHz+10MHz



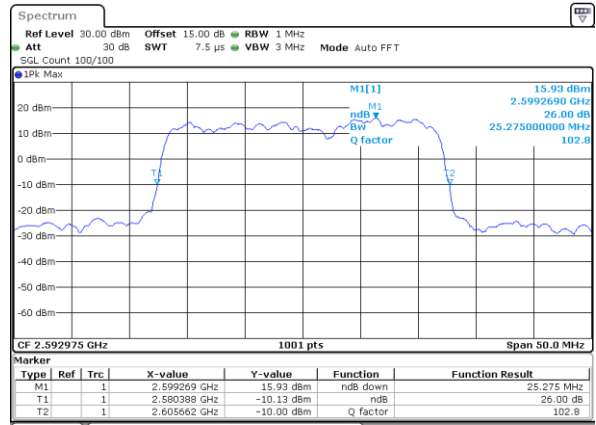
Date: 18 DEC 2021 09:46:30

Middle Channel / 10MHz+20MHz



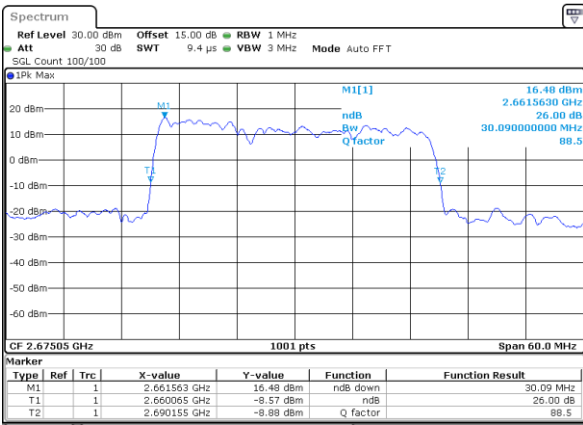
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Middle Channel / 15MHz+10MHz



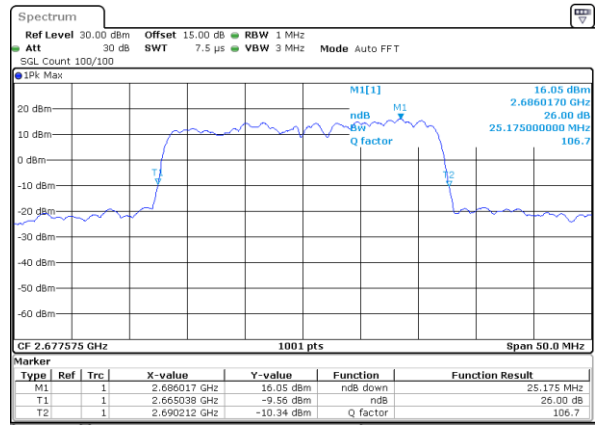
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Highest Channel / 10MHz+20MHz



Date: 18 DEC 2021 05:01:52

Highest Channel / 15MHz+10MHz



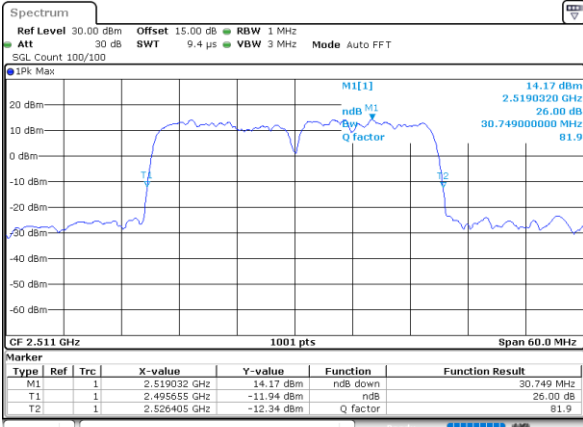
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LTE Band 41C

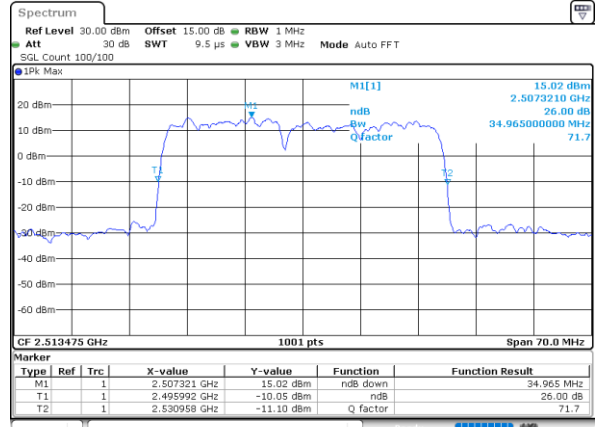
QPSK

Lowest Channel / 15MHz+15MHz



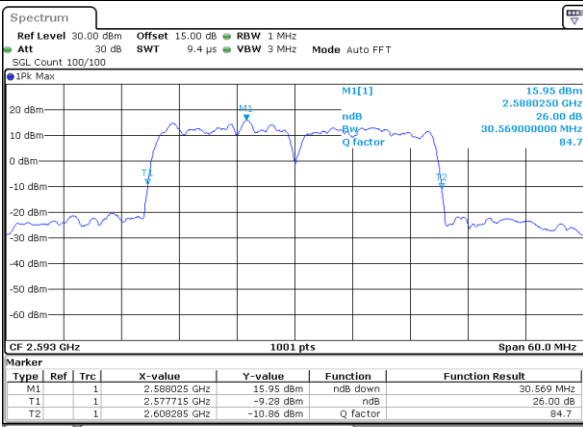
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Lowest Channel / 15MHz+20MHz



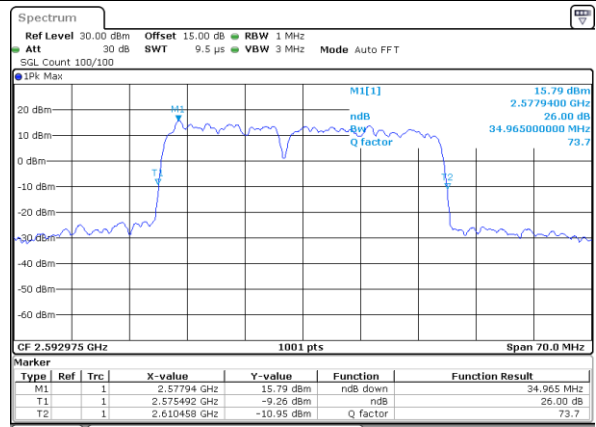
Date: 18 DEC 2021 08:45:34

Middle Channel / 15MHz+15MHz



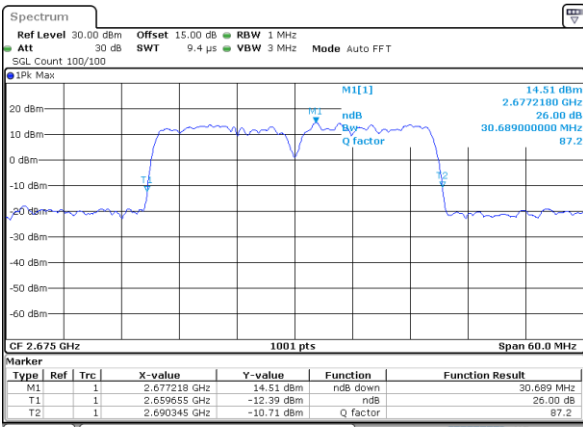
Date: 18 DEC 2021 10:47:57

Middle Channel / 15MHz+20MHz



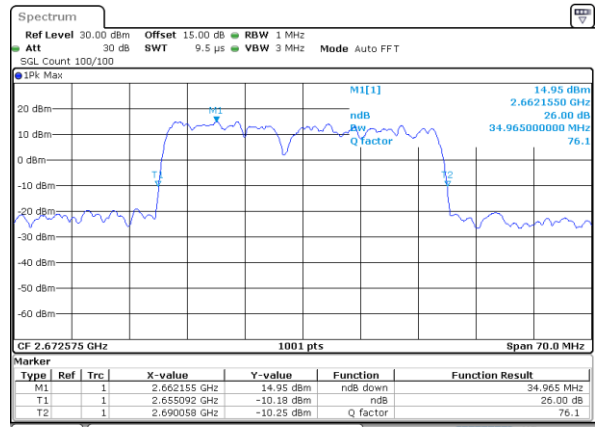
Date: 18 DEC 2021 08:45:37

Highest Channel / 15MHz+15MHz



Date: 18 DEC 2021 10:50:01

Highest Channel / 15MHz+20MHz



Date: 18 DEC 2021 08:50:41