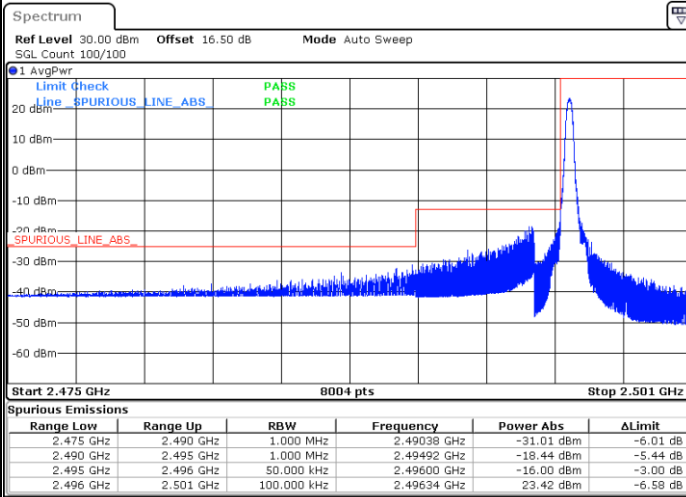




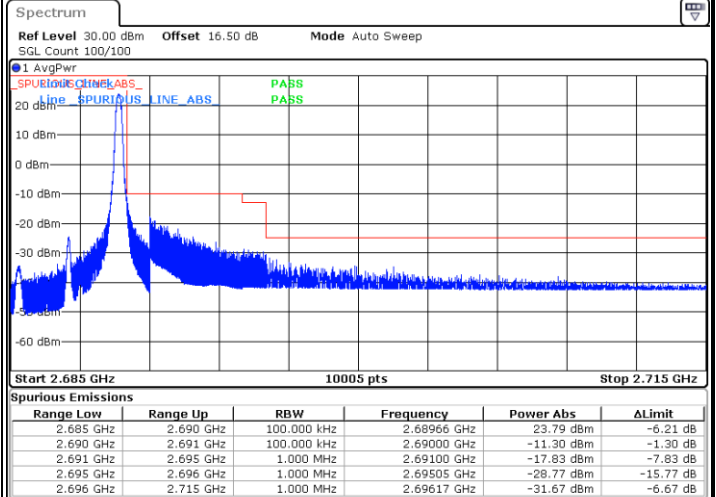
LTE Band 41(HPUE) / 5MHz / 16QAM

Lowest Band Edge / 1RB



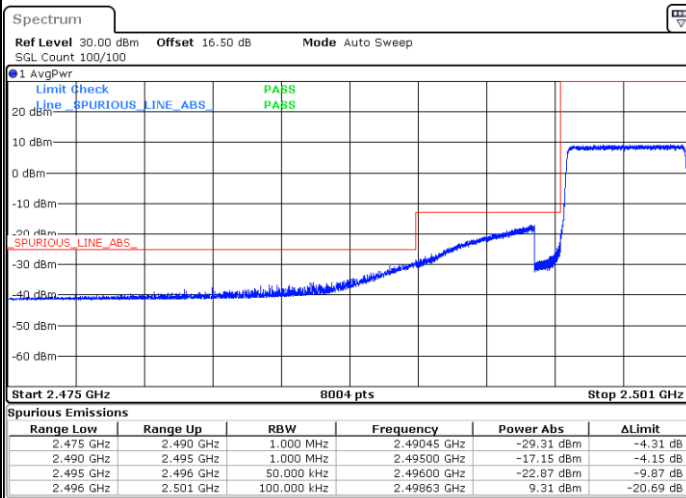
Date: 19.AUG.2022 04:18:52

Highest Band Edge / 1 RB



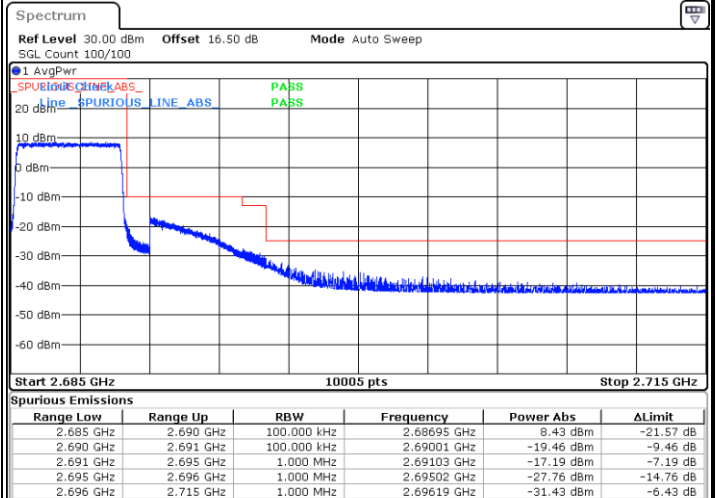
Date: 19.AUG.2022 04:22:47

Lowest Band Edge / Full RB



Date: 19.AUG.2022 04:20:49

Highest Band Edge / Full RB

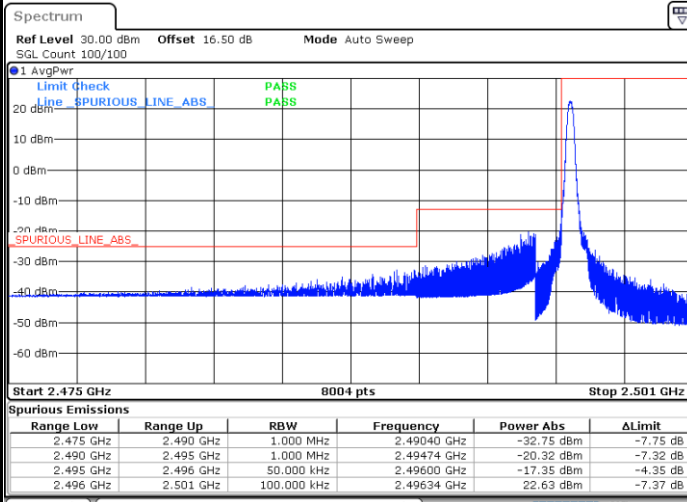


Date: 19.AUG.2022 04:24:45



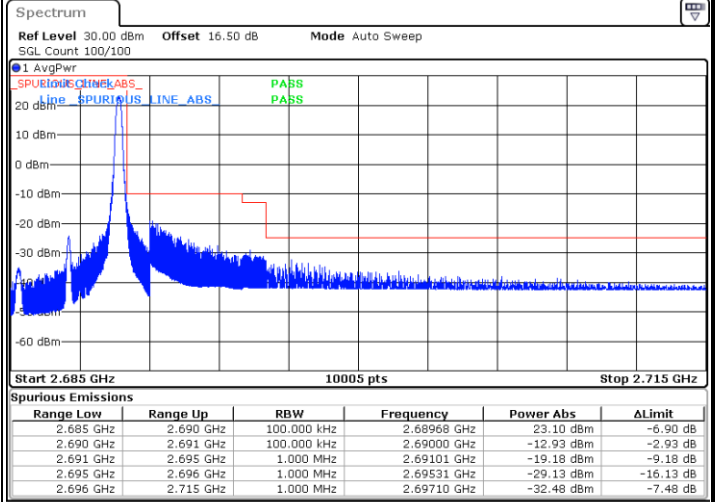
LTE Band 41(HPUE) / 5MHz / 64QAM

Lowest Band Edge / 1RB



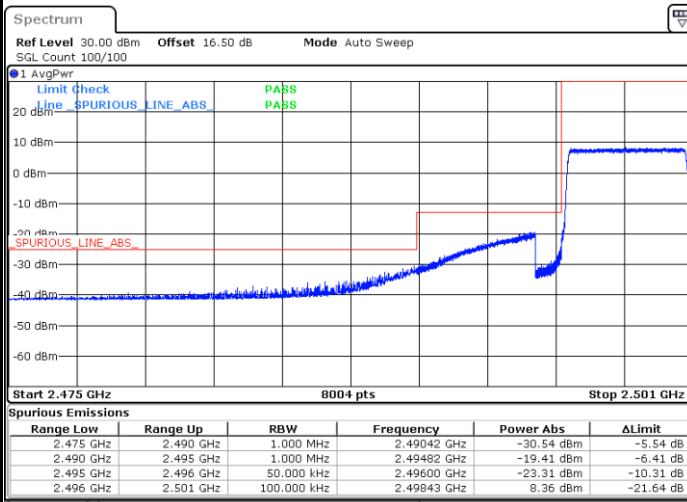
Date: 19.AUG.2022 04:25:44

Highest Band Edge / 1 RB



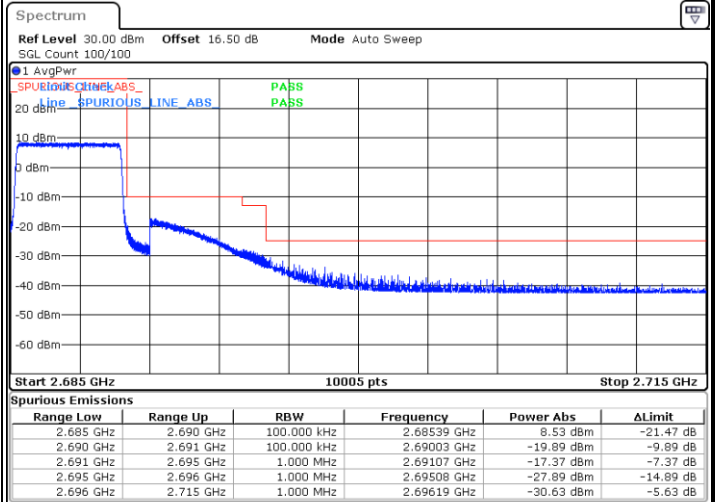
Date: 19.AUG.2022 04:29:45

Lowest Band Edge / Full RB



Date: 19.AUG.2022 04:27:44

Highest Band Edge / Full RB

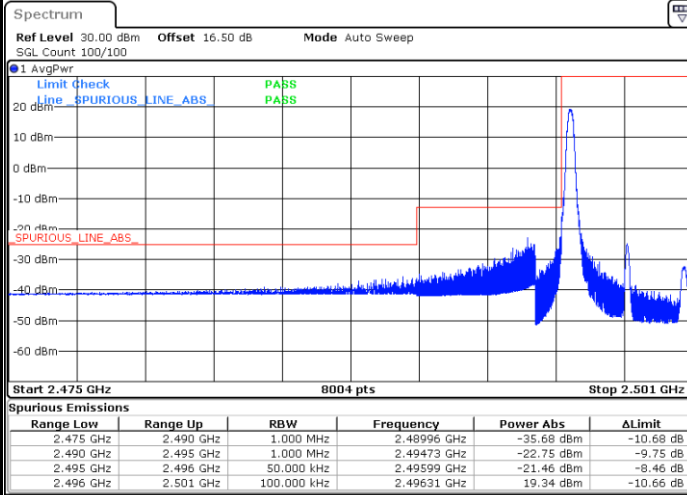


Date: 19.AUG.2022 04:31:46



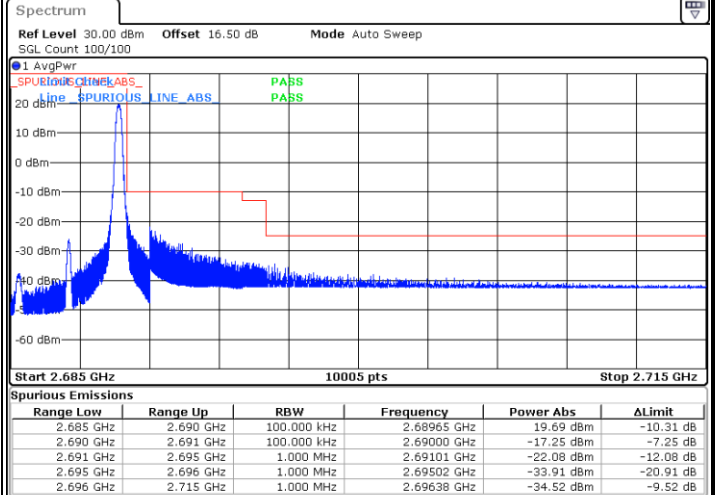
LTE Band 41(HPUE) / 5MHz / 256QAM

Lowest Band Edge / 1RB



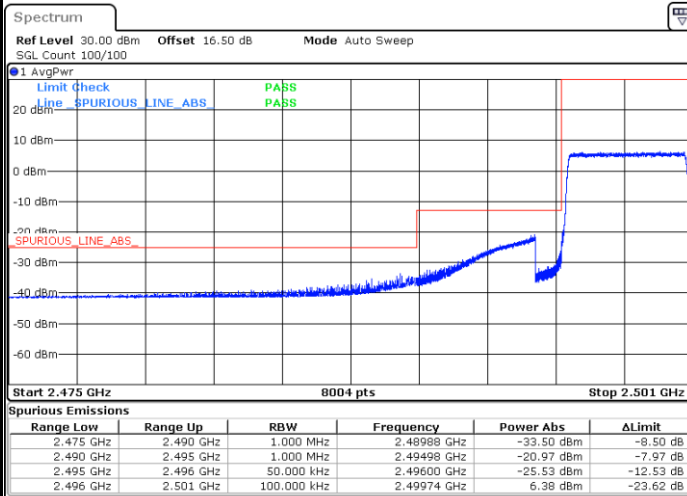
Date: 19.AUG.2022 04:26:43

Highest Band Edge / 1 RB



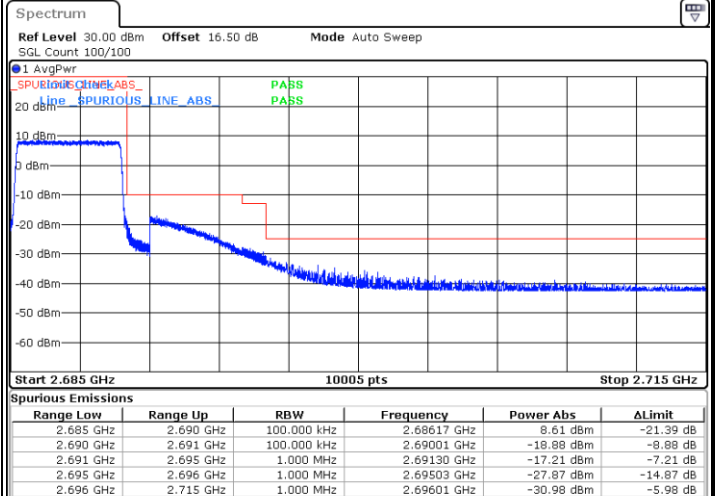
Date: 19.AUG.2022 04:30:43

Lowest Band Edge / Full RB



Date: 19.AUG.2022 04:28:43

Highest Band Edge / Full RB

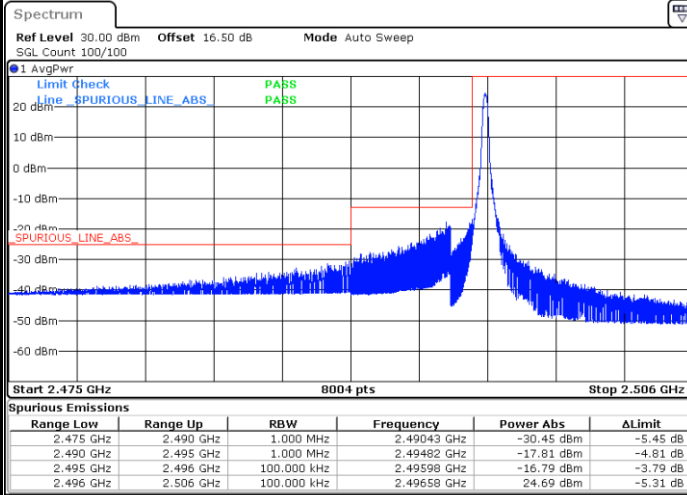


Date: 19.AUG.2022 04:32:45



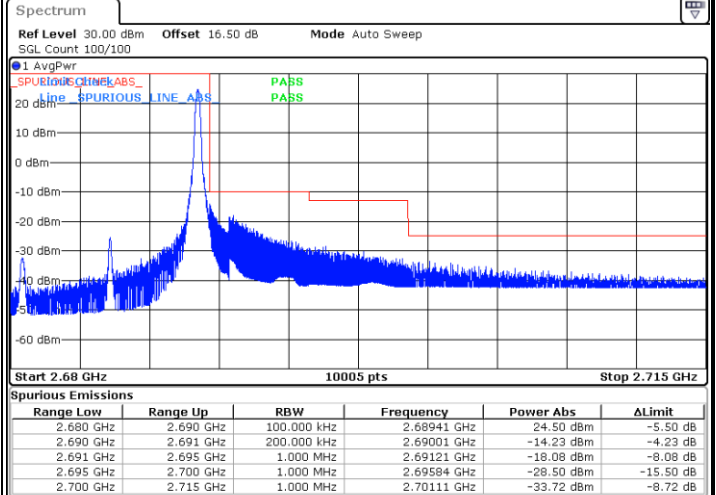
LTE Band 41(HPUE) / 10MHz / QPSK

Lowest Band Edge / 1 RB



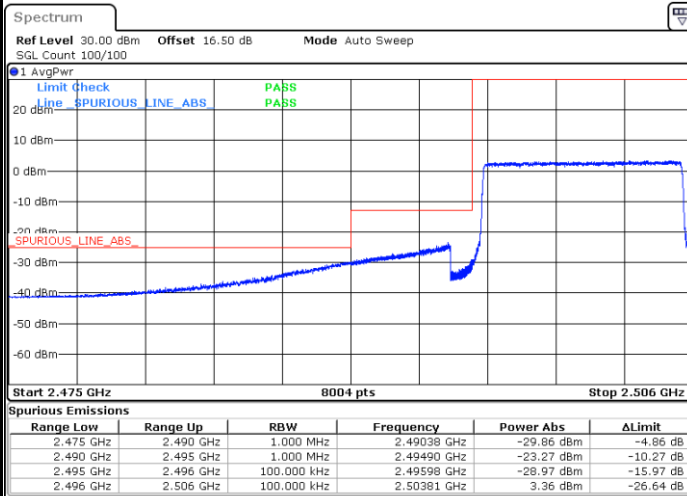
Date: 19.AUG.2022 04:33:48

Highest Band Edge / 1 RB



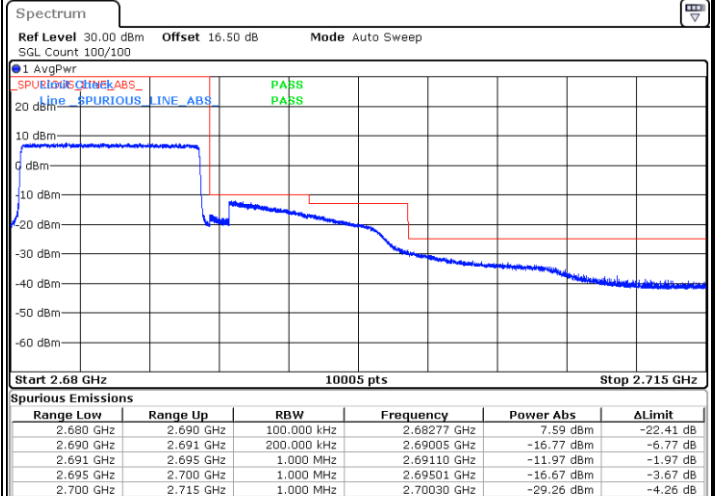
Date: 19.AUG.2022 04:37:43

Lowest Band Edge / Full RB



Date: 19.AUG.2022 04:35:45

Highest Band Edge / Full RB

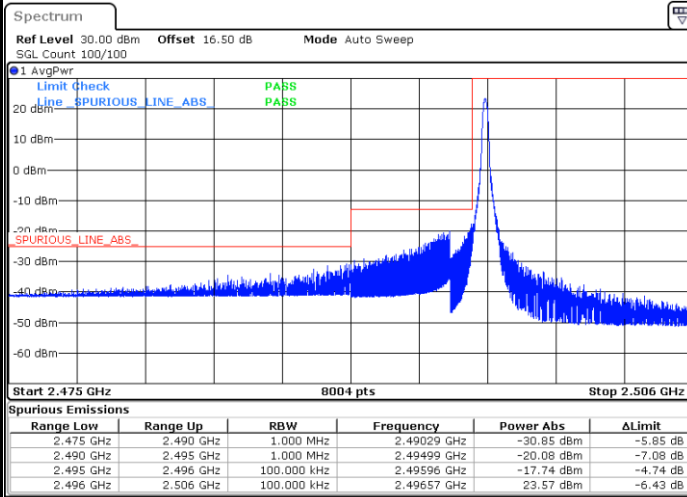


Date: 19.AUG.2022 04:39:42



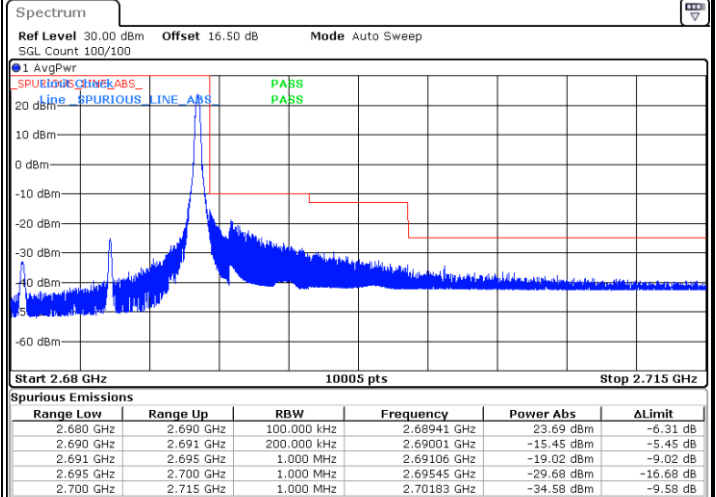
LTE Band 41(HPUE) / 10MHz / 16QAM

Lowest Band Edge / 1 RB



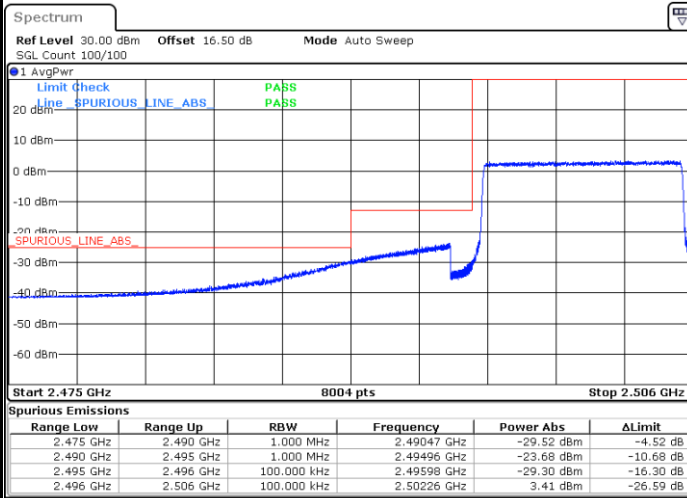
Date: 19.AUG.2022 04:34:47

Highest Band Edge / 1 RB



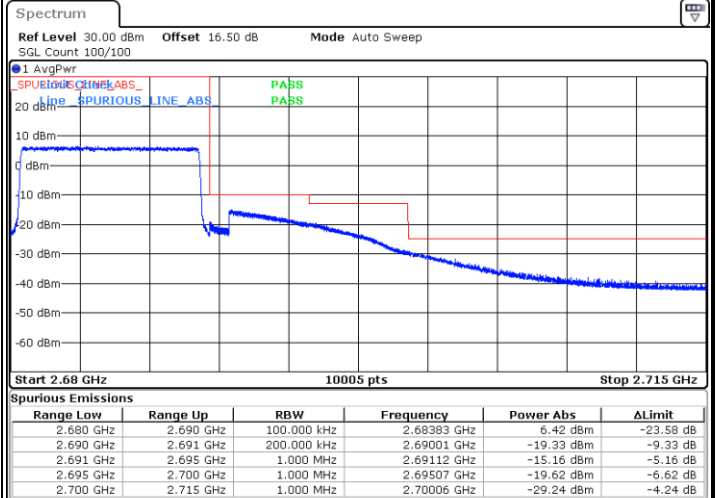
Date: 19.AUG.2022 04:38:42

Lowest Band Edge / Full RB



Date: 19.AUG.2022 04:36:44

Highest Band Edge / Full RB

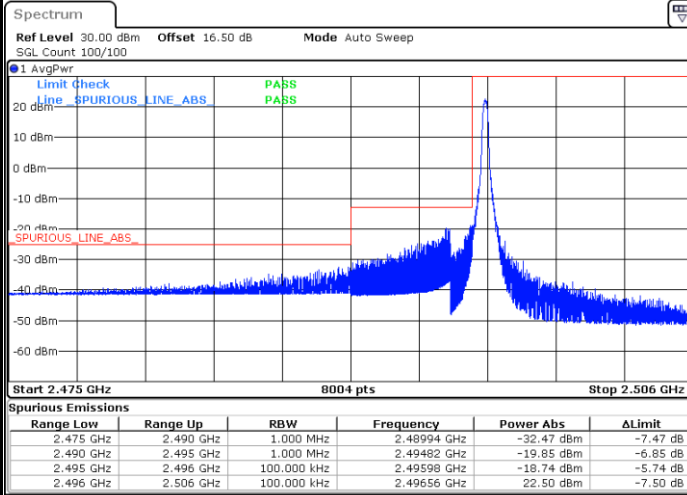


Date: 19.AUG.2022 04:40:41



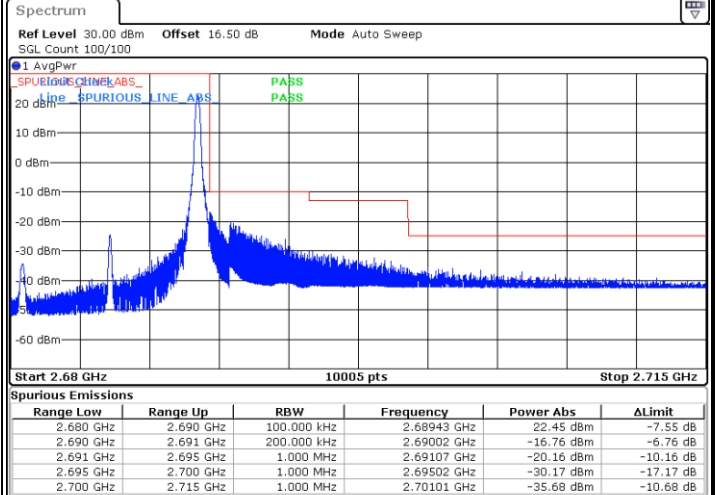
LTE Band 41(HPUE) / 10MHz / 64QAM

Lowest Band Edge / 1 RB



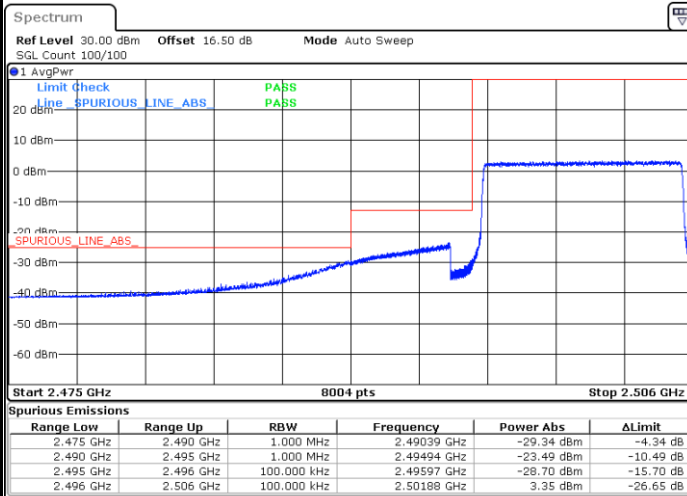
Date: 19.AUG.2022 04:41:39

Highest Band Edge / 1 RB



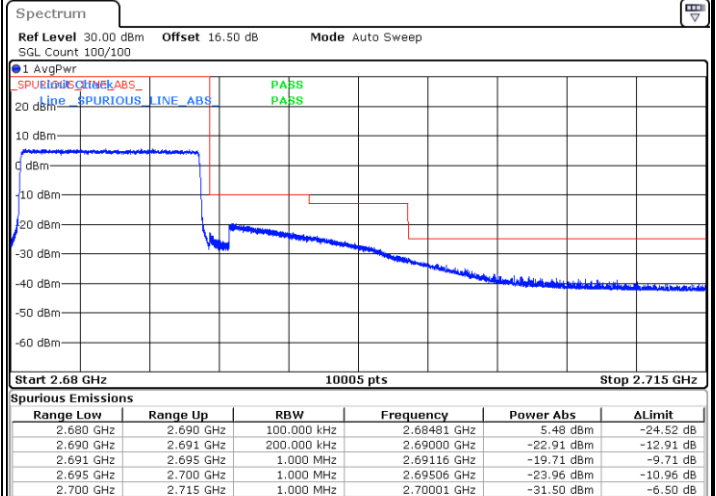
Date: 19.AUG.2022 04:45:40

Lowest Band Edge / Full RB



Date: 19.AUG.2022 04:43:40

Highest Band Edge / Full RB

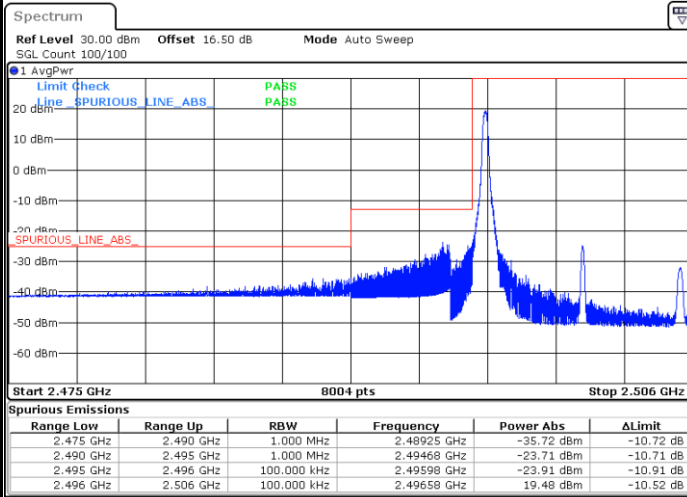


Date: 19.AUG.2022 04:47:41



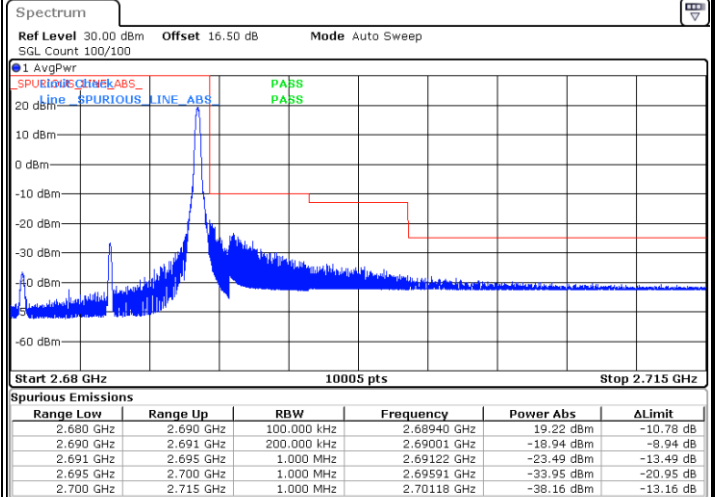
LTE Band 41(HPUE) / 10MHz / 256QAM

Lowest Band Edge / 1 RB



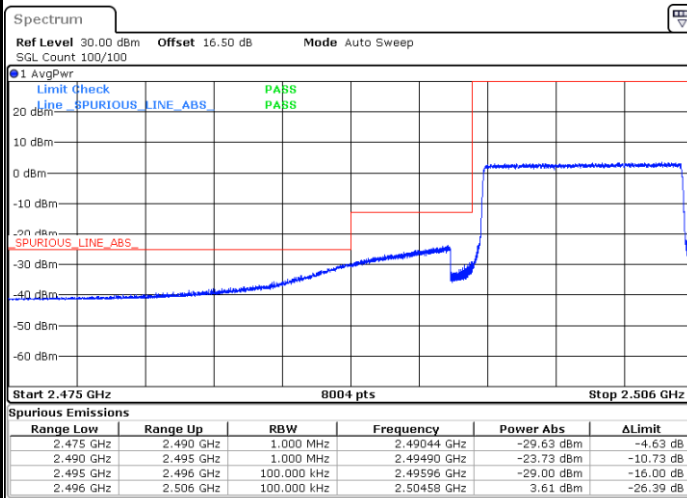
Date: 19.AUG.2022 04:42:38

Highest Band Edge / 1 RB



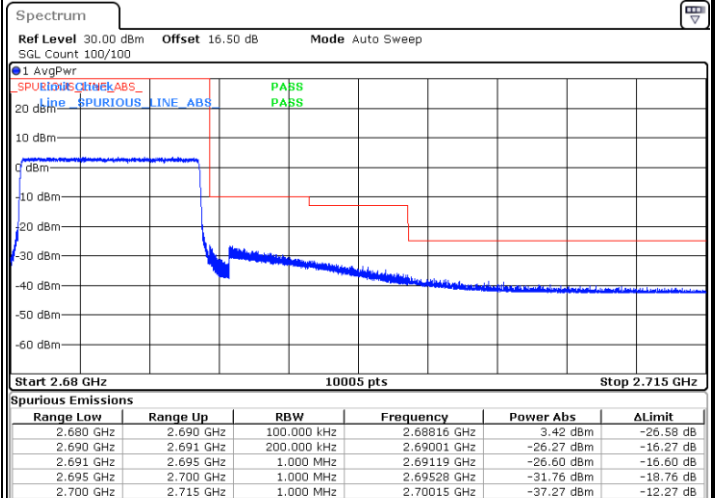
Date: 19.AUG.2022 04:46:39

Lowest Band Edge / Full RB



Date: 19.AUG.2022 04:44:38

Highest Band Edge / Full RB

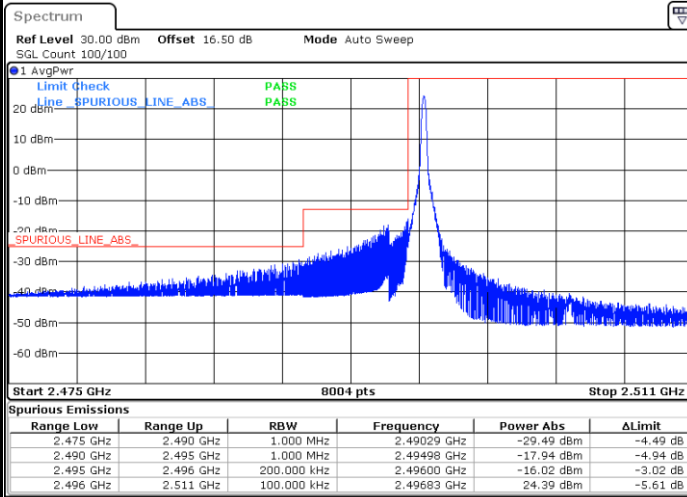


Date: 19.AUG.2022 04:48:40



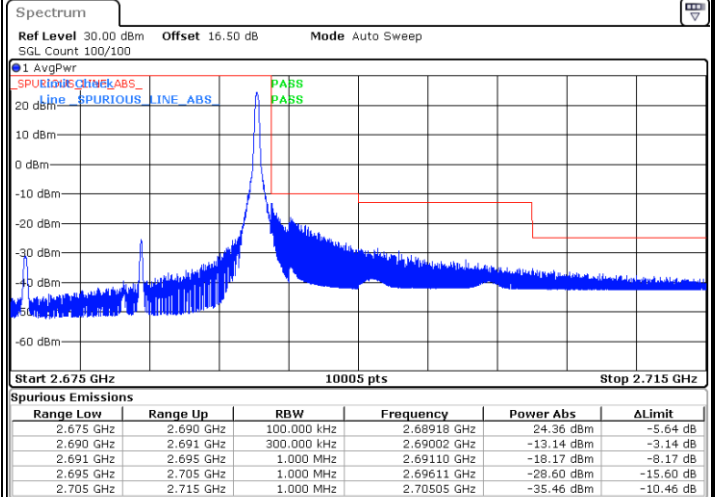
LTE Band 41(HPUE) / 15MHz / QPSK

Lowest Band Edge / 1 RB



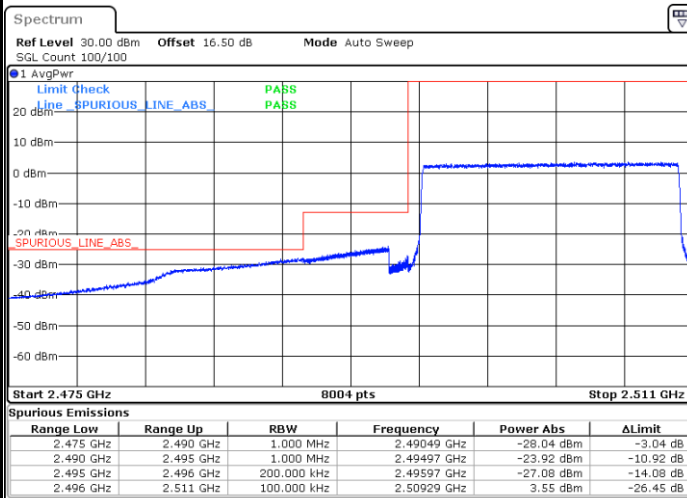
Date: 19.AUG.2022 04:57:47

Highest Band Edge / 1 RB



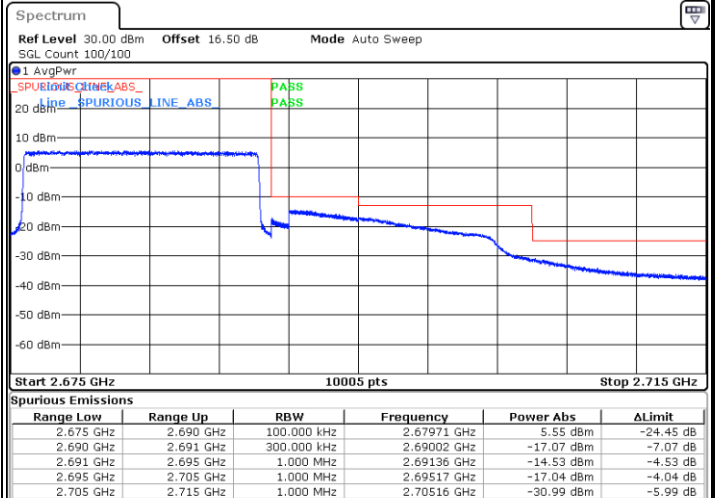
Date: 19.AUG.2022 05:01:42

Lowest Band Edge / Full RB



Date: 19.AUG.2022 04:59:44

Highest Band Edge / Full RB

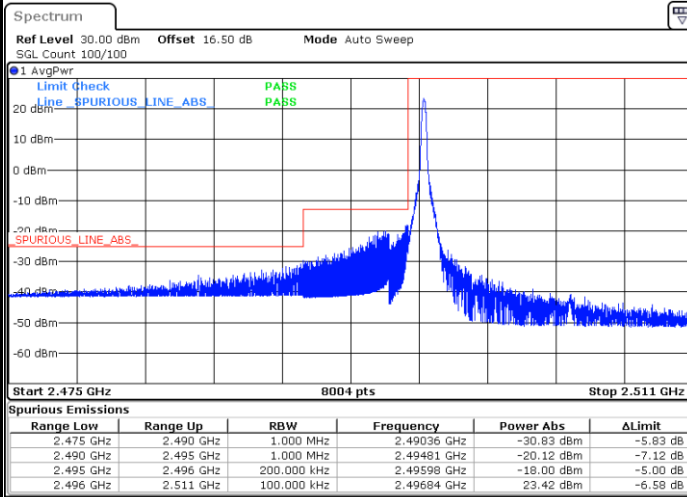


Date: 19.AUG.2022 05:03:41



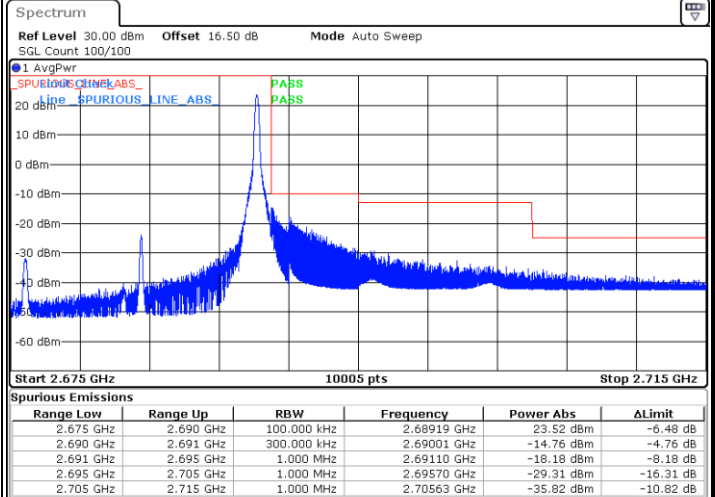
LTE Band 41(HPUE) / 15MHz / 16QAM

Lowest Band Edge / 1 RB



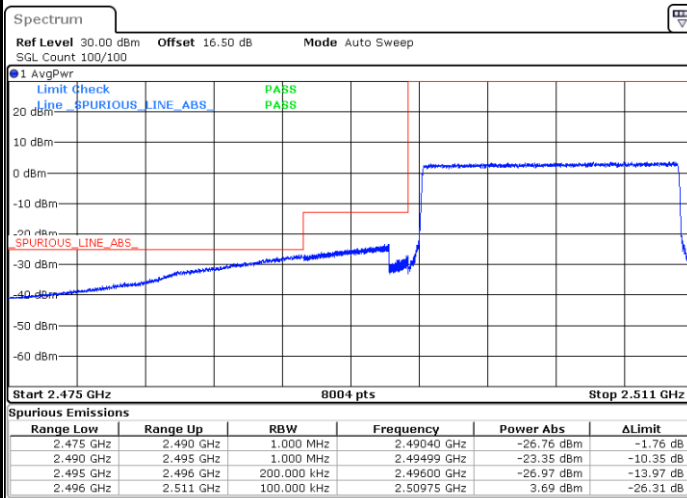
Date: 19.AUG.2022 04:58:45

Highest Band Edge / 1 RB



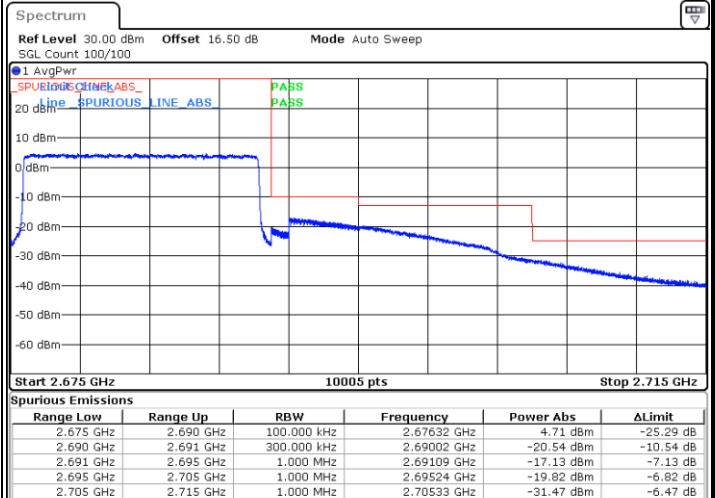
Date: 19.AUG.2022 05:02:41

Lowest Band Edge / Full RB



Date: 19.AUG.2022 05:00:43

Highest Band Edge / Full RB

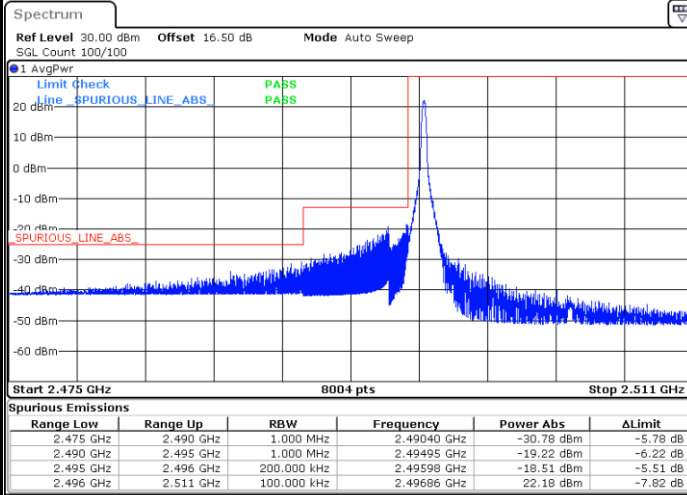


Date: 19.AUG.2022 05:04:40



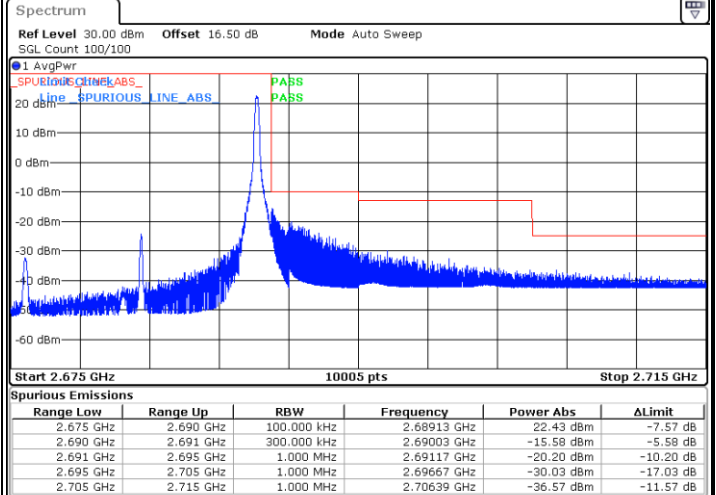
LTE Band 41(HPUE) / 15MHz / 64QAM

Lowest Band Edge / 1 RB



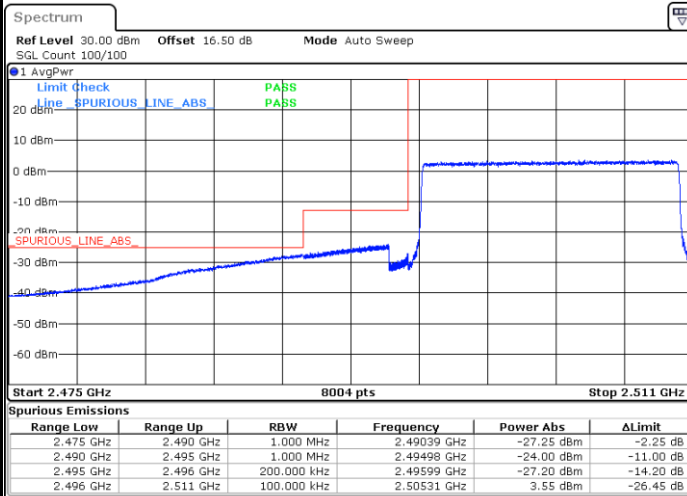
Date: 19.AUG.2022 04:49:44

Highest Band Edge / 1 RB



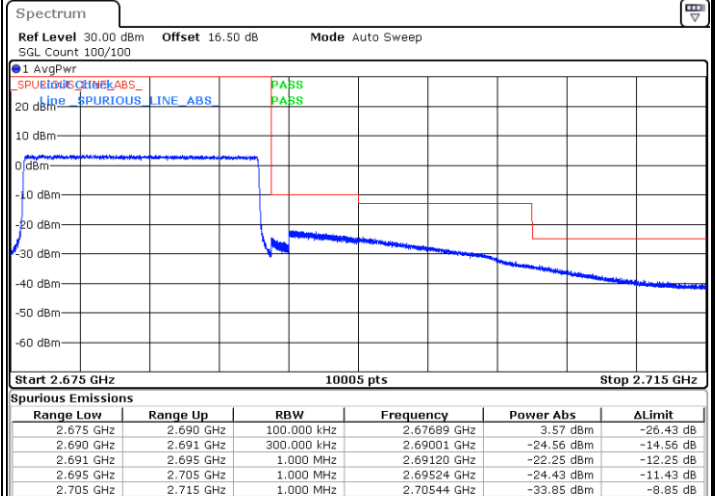
Date: 19.AUG.2022 04:53:45

Lowest Band Edge / Full RB



Date: 19.AUG.2022 04:51:44

Highest Band Edge / Full RB

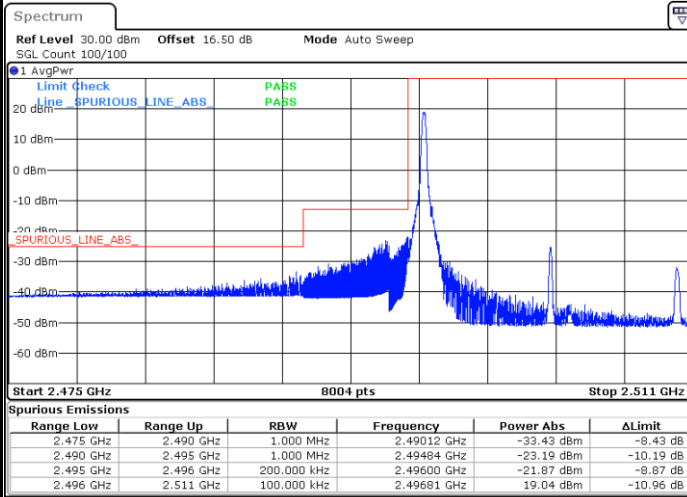


Date: 19.AUG.2022 04:55:46



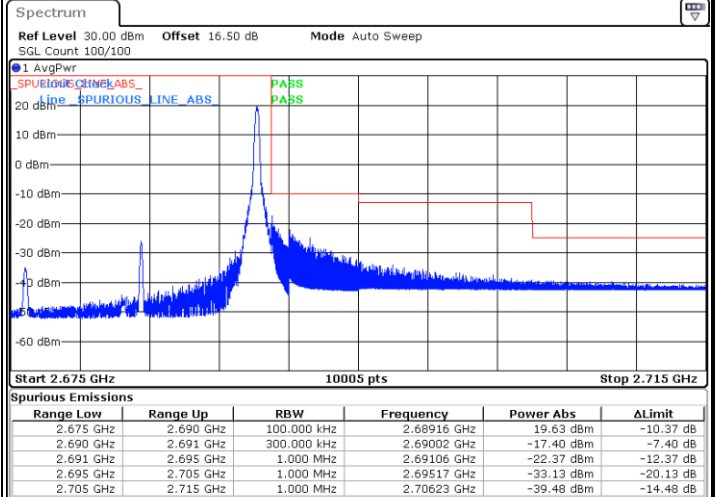
LTE Band 41(HPUE) / 15MHz / 256QAM

Lowest Band Edge / 1 RB



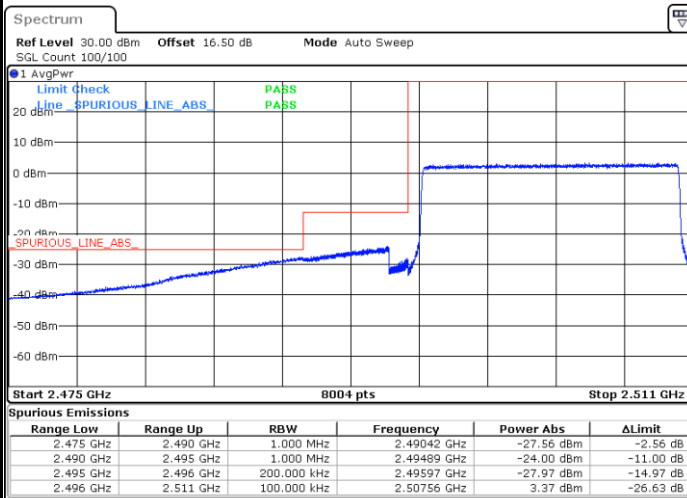
Date: 19.AUG.2022 04:50:42

Highest Band Edge / 1 RB



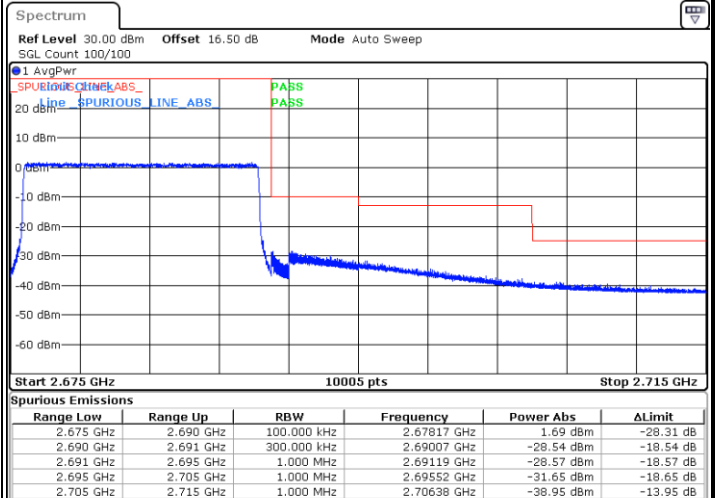
Date: 19.AUG.2022 04:54:44

Lowest Band Edge / Full RB



Date: 19.AUG.2022 04:52:43

Highest Band Edge / Full RB

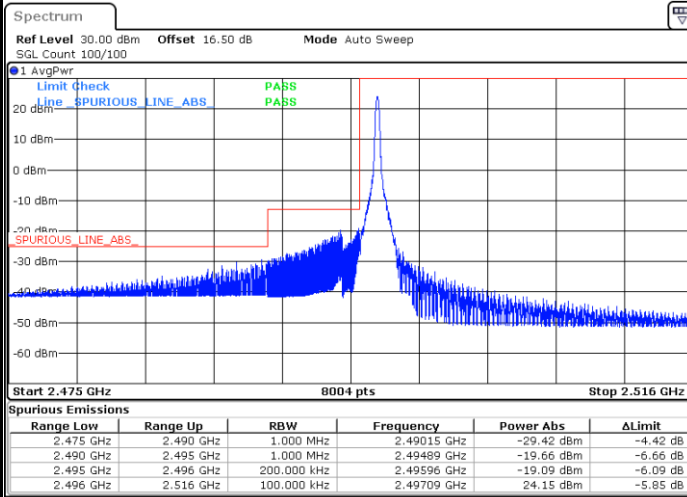


Date: 19.AUG.2022 04:56:45



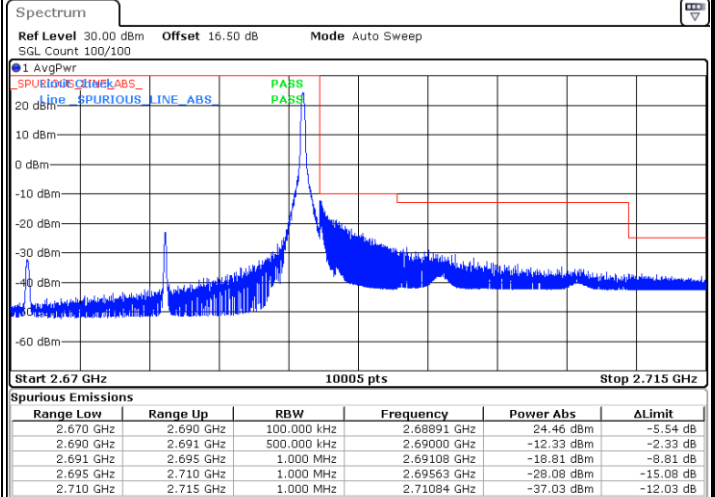
LTE Band 41(HPUE) / 20MHz / QPSK

Lowest Band Edge / 1 RB



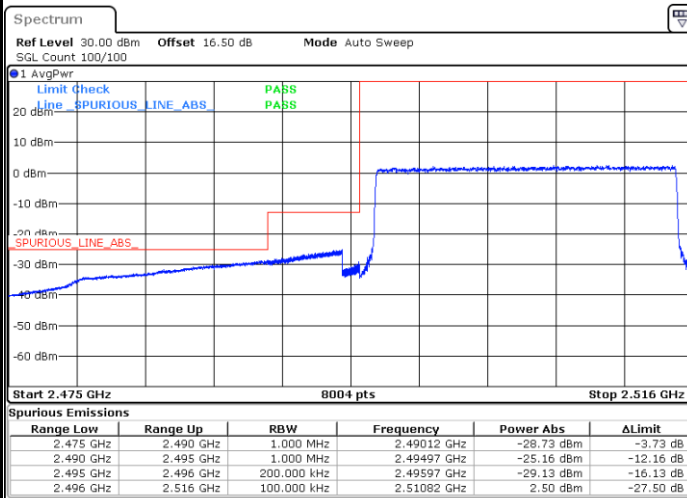
Date: 19.AUG.2022 05:05:44

Highest Band Edge / 1 RB



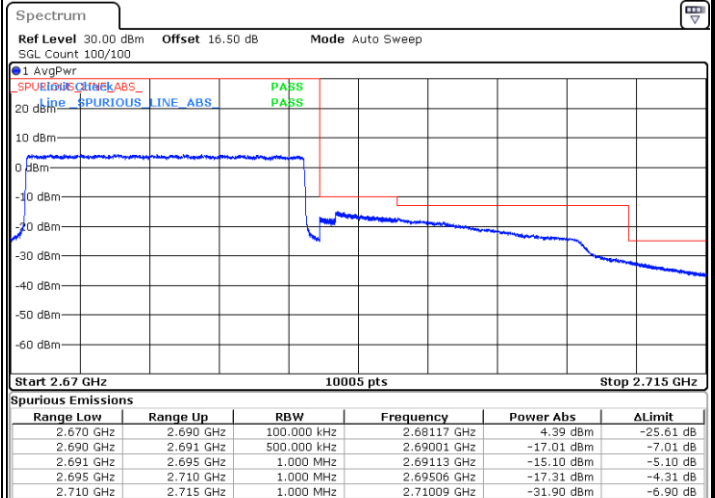
Date: 19.AUG.2022 05:09:39

Lowest Band Edge / Full RB



Date: 19.AUG.2022 05:07:41

Highest Band Edge / Full RB

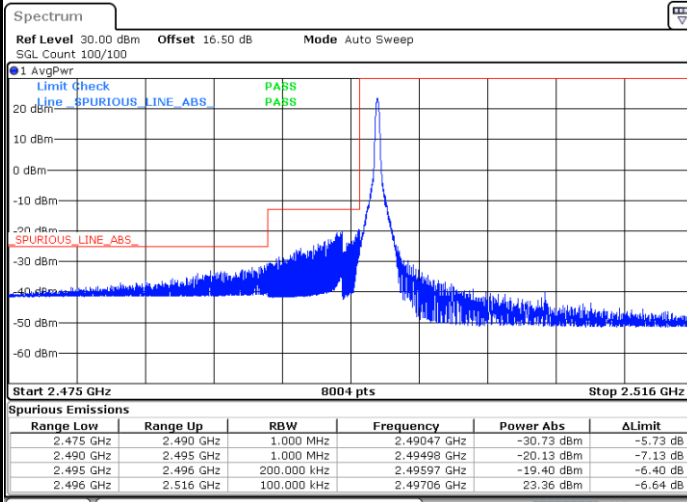


Date: 19.AUG.2022 05:12:37



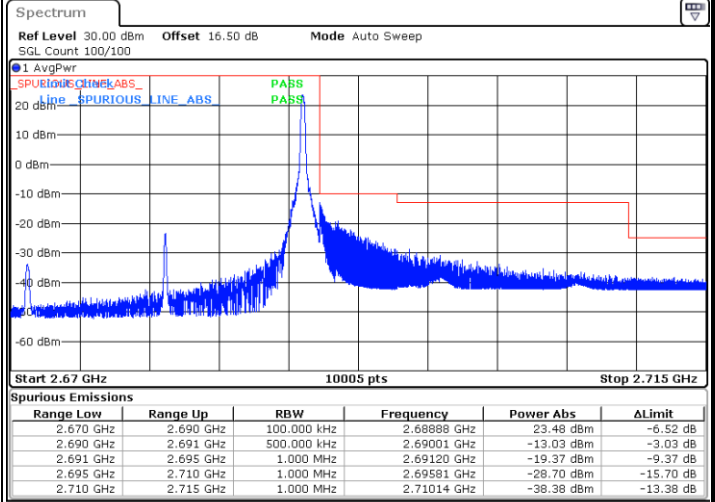
LTE Band 41(HPUE) / 20MHz / 16QAM

Lowest Band Edge / 1 RB



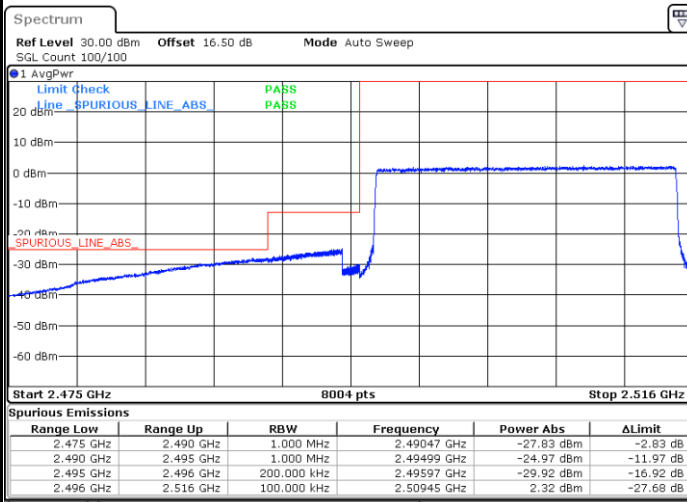
Date: 19.AUG.2022 05:06:42

Highest Band Edge / 1 RB



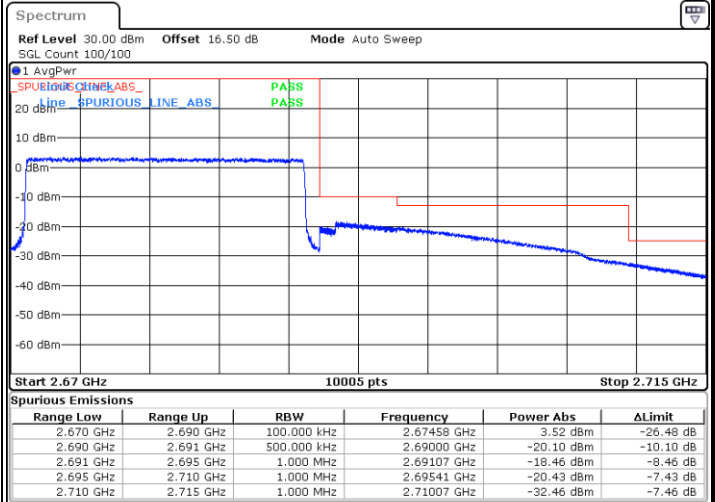
Date: 19.AUG.2022 05:10:38

Lowest Band Edge / Full RB



Date: 19.AUG.2022 05:08:40

Highest Band Edge / Full RB

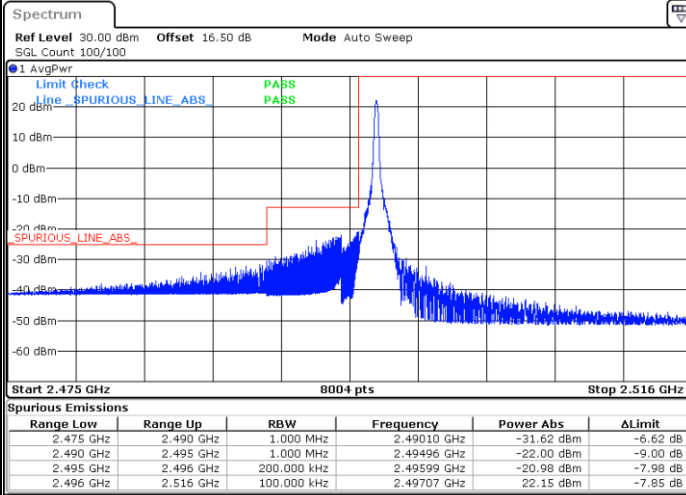


Date: 19.AUG.2022 05:11:38



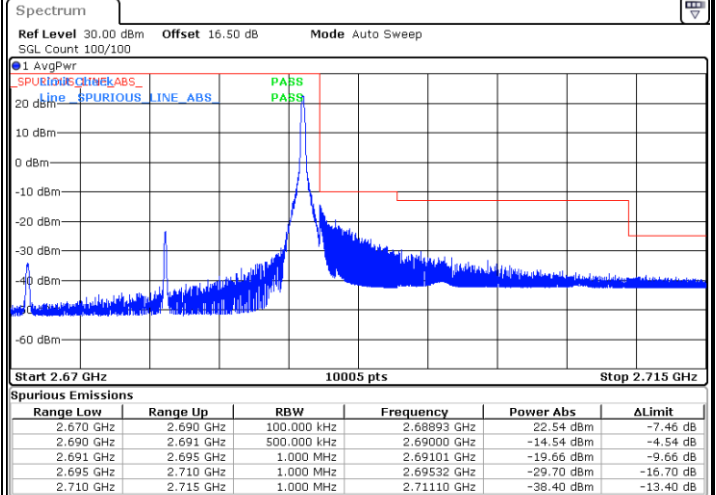
LTE Band 41(HPUE) / 20MHz / 64QAM

Lowest Band Edge / 1 RB



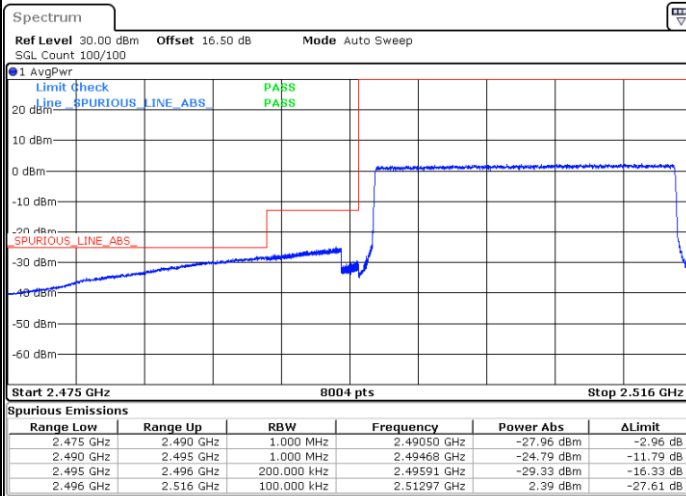
Date: 19.AUG.2022 05:13:36

Highest Band Edge / 1 RB



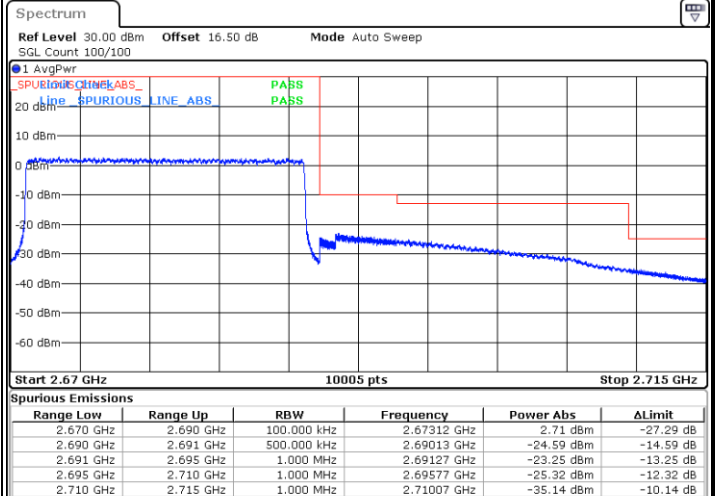
Date: 19.AUG.2022 05:17:36

Lowest Band Edge / Full RB



Date: 19.AUG.2022 05:15:36

Highest Band Edge / Full RB

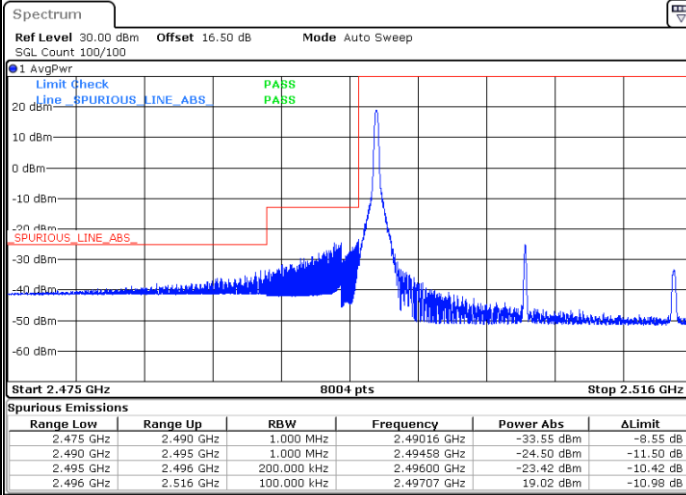


Date: 19.AUG.2022 05:19:38



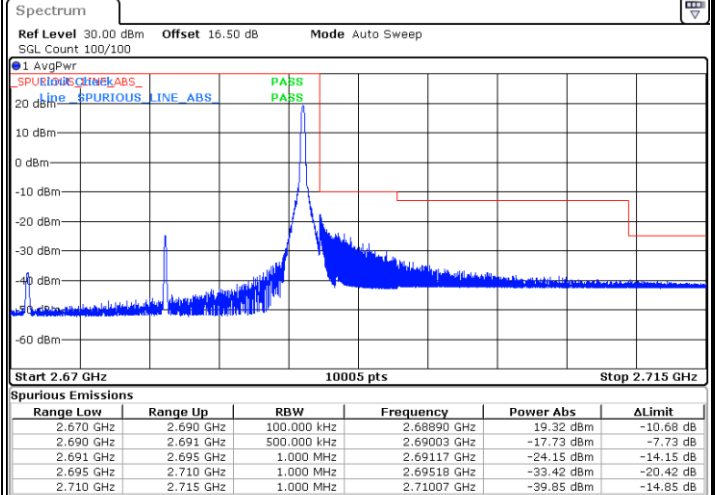
LTE Band 41(HPUE) / 20MHz / 256QAM

Lowest Band Edge / 1 RB



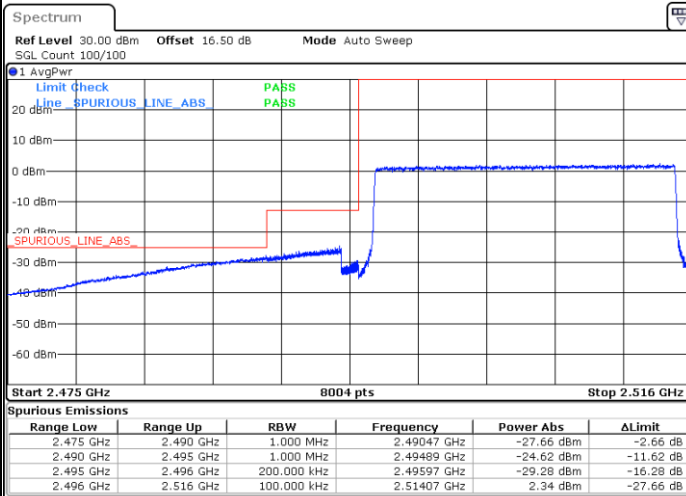
Date: 19.AUG.2022 05:14:34

Highest Band Edge / 1 RB



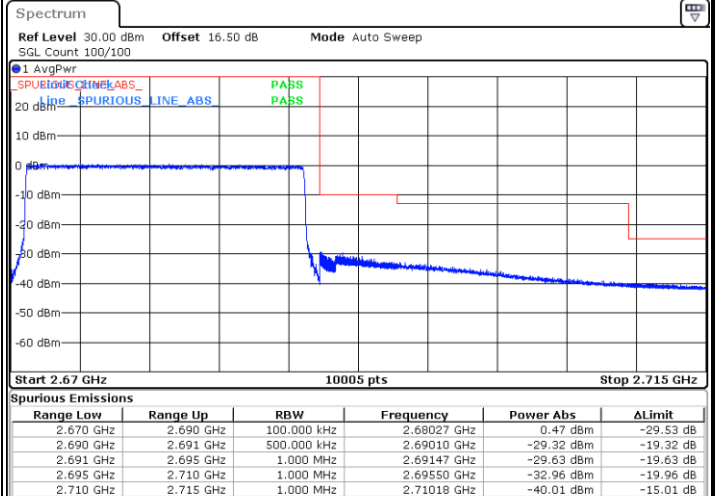
Date: 19.AUG.2022 05:18:36

Lowest Band Edge / Full RB



Date: 19.AUG.2022 05:16:34

Highest Band Edge / Full RB



Date: 19.AUG.2022 05:20:37

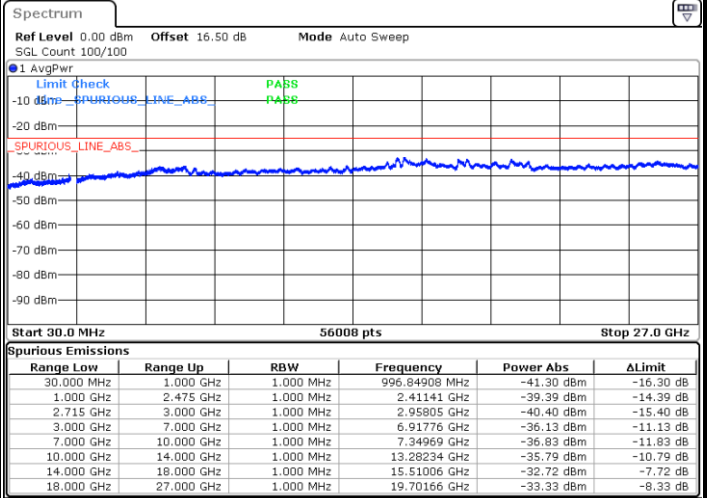
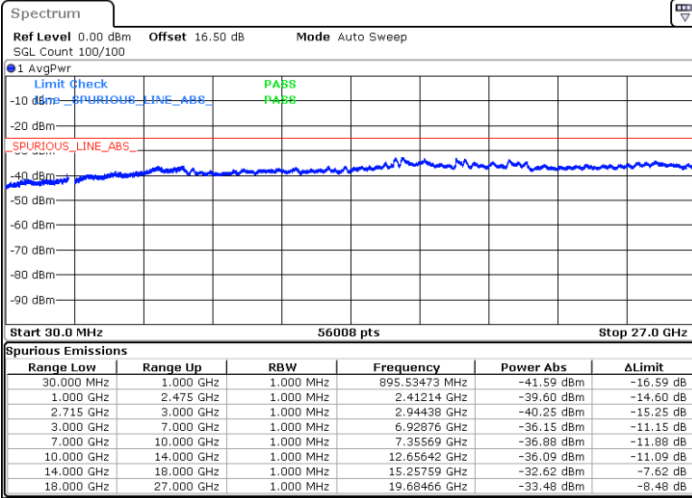


Conducted Spurious Emission

LTE Band 41(HPUE) / 5MHz

Lowest Channel / QPSK

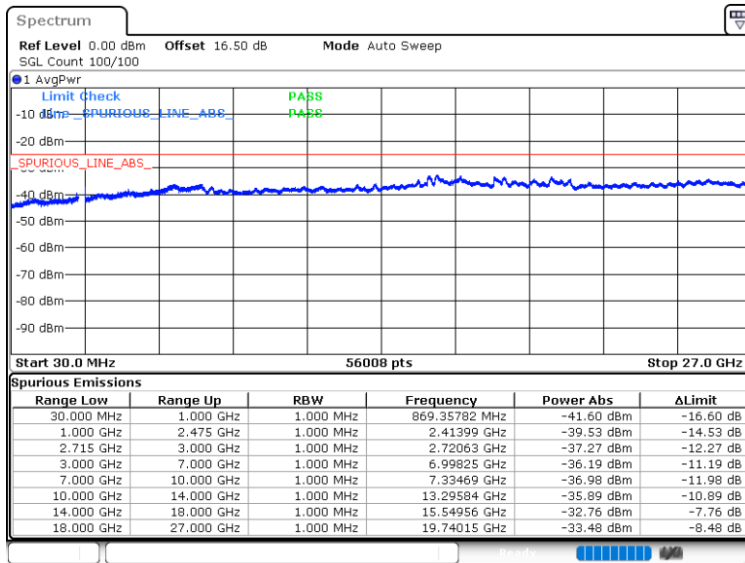
Middle Channel / QPSK



Date: 19.AUG.2022 05:21:51

Date: 19.AUG.2022 05:23:00

Highest Channel / QPSK



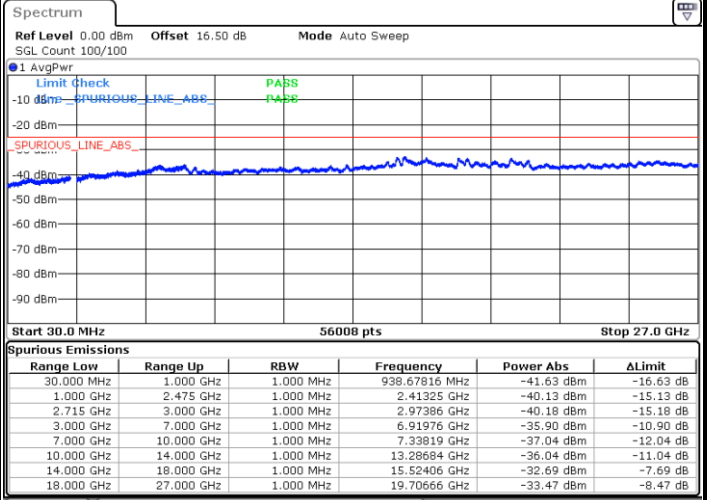
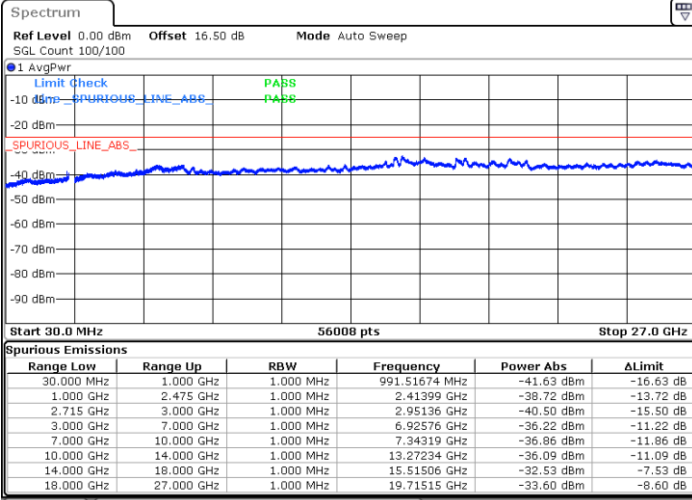
Date: 19.AUG.2022 05:24:09



LTE Band 41(HPUE) / 10MHz

Lowest Channel / QPSK

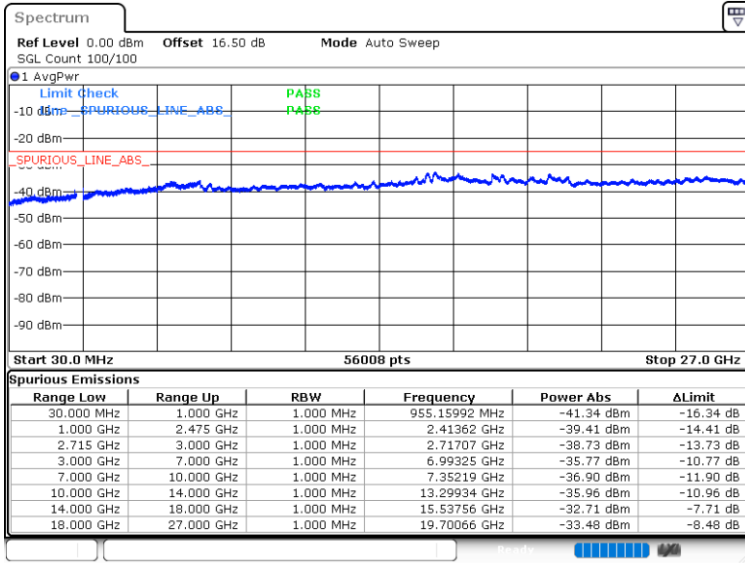
Middle Channel / QPSK



Date: 19.AUG.2022 05:25:24

Date: 19.AUG.2022 05:26:33

Highest Channel / QPSK



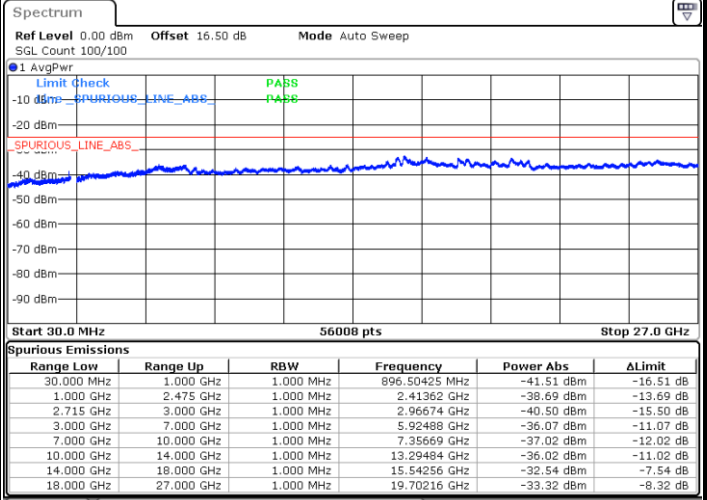
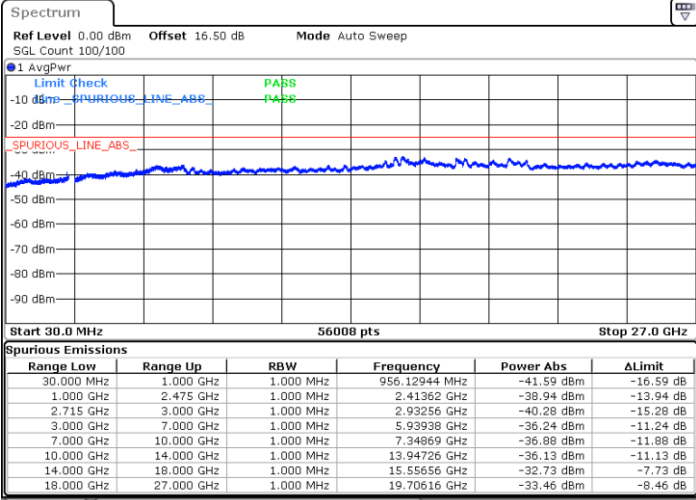
Date: 19.AUG.2022 05:27:42



LTE Band 41(HPUE) / 15MHz

Lowest Channel / QPSK

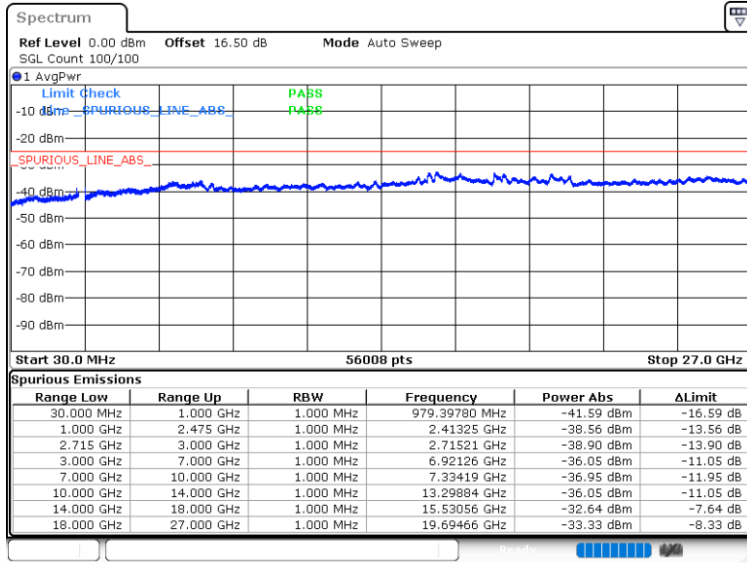
Middle Channel / QPSK



Date: 19.AUG.2022 05:28:57

Date: 19.AUG.2022 05:30:06

Highest Channel / QPSK



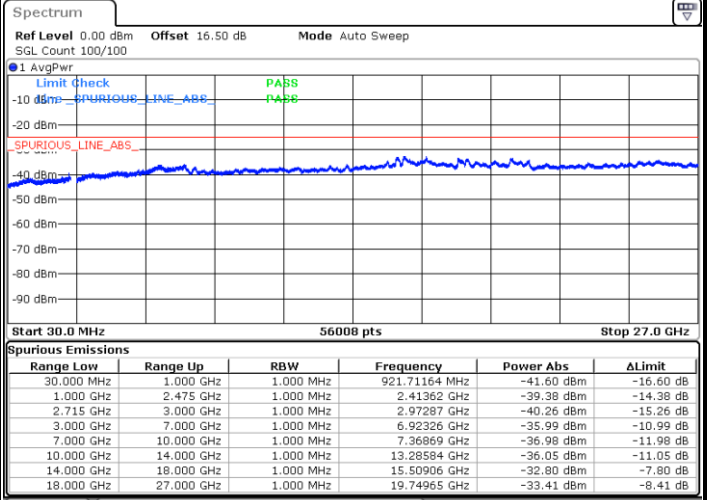
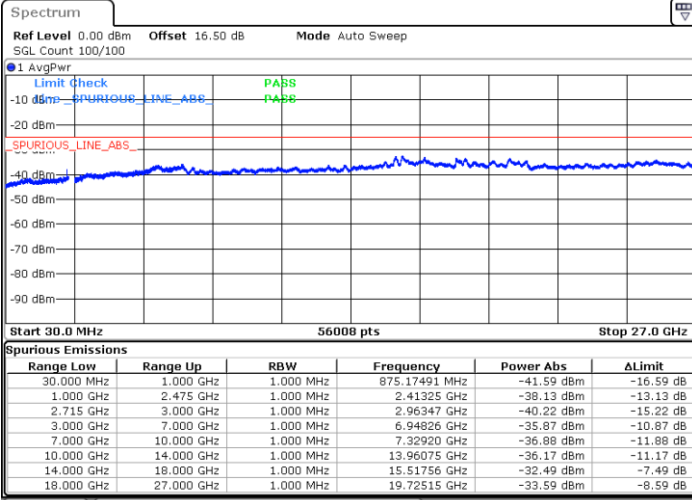
Date: 19.AUG.2022 05:31:15



LTE Band 41(HPUE) / 20MHz

Lowest Channel / QPSK

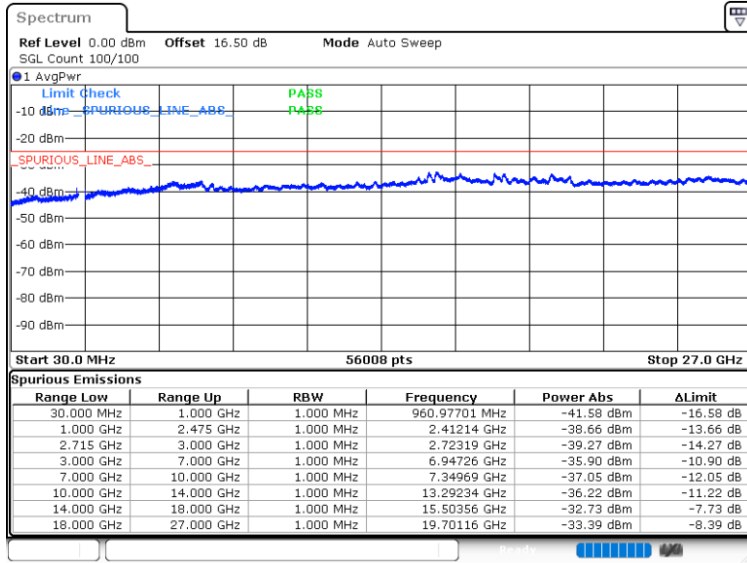
Middle Channel / QPSK



Date: 19.AUG.2022 05:32:30

Date: 19.AUG.2022 05:33:39

Highest Channel / QPSK



Date: 19.AUG.2022 05:34:49



Frequency Stability

Test Conditions		LTE Band 41(HPUE) (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0012	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0022	
-10	Normal Voltage	0.0048	
-20	Normal Voltage	0.0036	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0007	
20	Battery End Point	0.0002	

Note:

- 1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.3 V. ; Maximum Voltage = 4.25 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
Middle CH	24.73	25.08	29.97	25.38	30.93
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	25.08	29.91	34.90	39.88

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.08	29.97	25.38	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	25.03	30.03	34.69	39.96

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.08	29.91	25.13	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.83	24.88	30.09	34.97	39.80

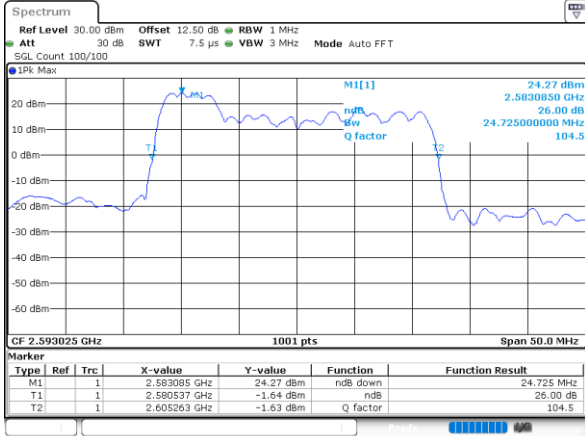
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.83	25.08	29.91	25.33	30.45
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.88	29.91	35.04	40.04



LTE Band 41C

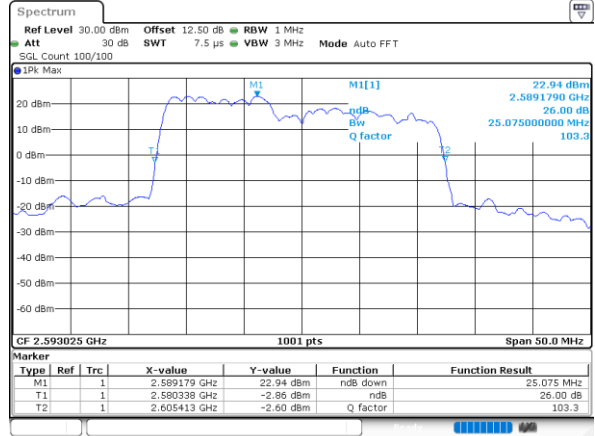
QPSK

Middle Channel / 5MHz+20MHz



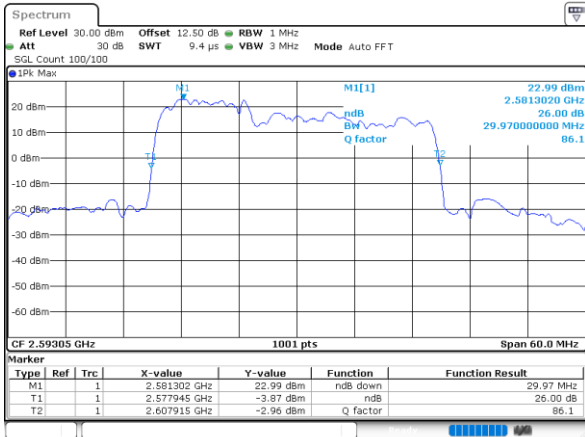
Date: 1,SEP,2022 21:45:14

Middle Channel / 10MHz+15MHz



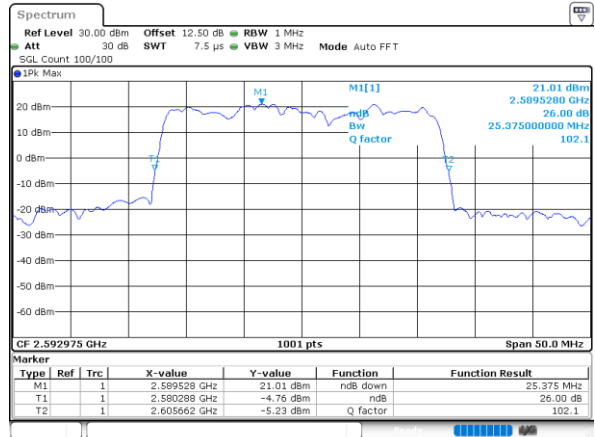
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Middle Channel / 10MHz+20MHz



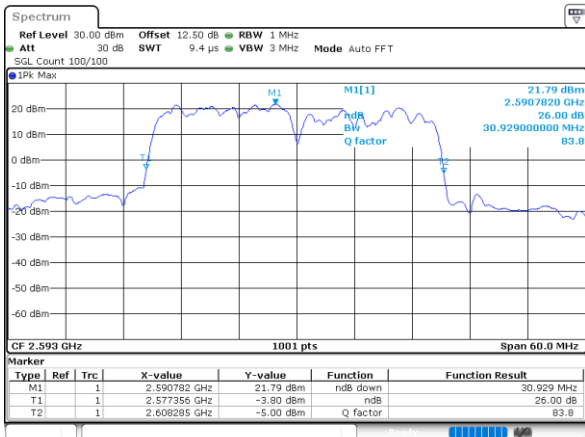
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Middle Channel / 15MHz+10MHz



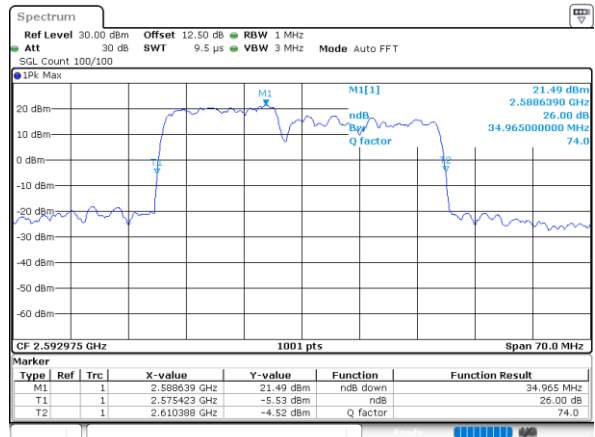
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Middle Channel / 15MHz+15MHz



Date: 1,SEP,2022 22:15:19

Middle Channel / 15MHz+20MHz

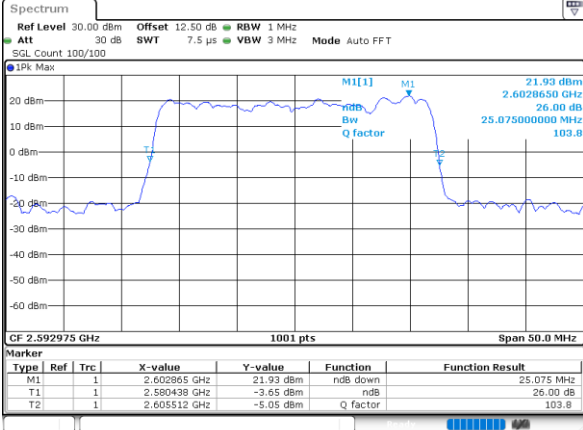


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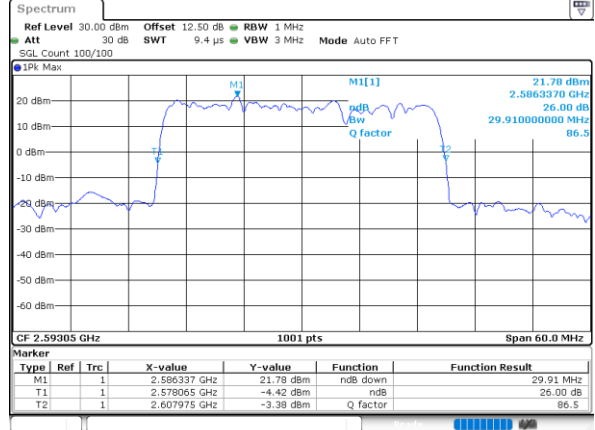
LTE Band 41C

Middle Channel / 20MHz+5MHz



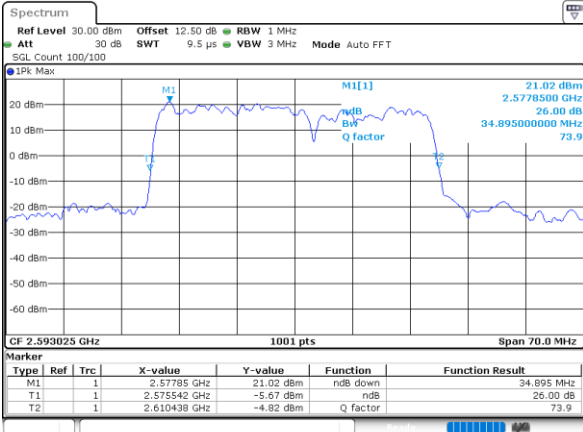
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Middle Channel / 20MHz+10MHz



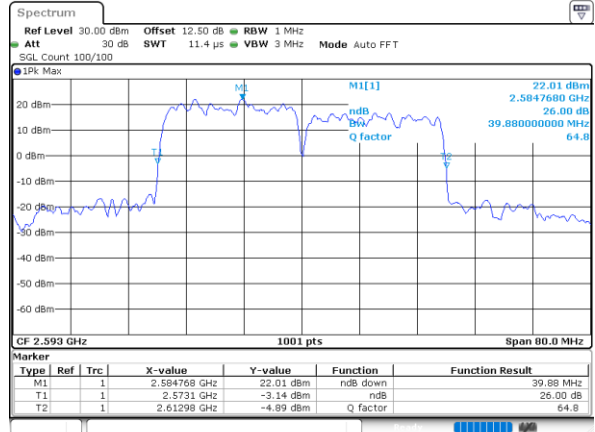
Date: 1,SEP,2022 22:11:47

Middle Channel / 20MHz+15MHz



Date: 1,SEP,2022 22:42:37

Middle Channel / 20MHz+20MHz

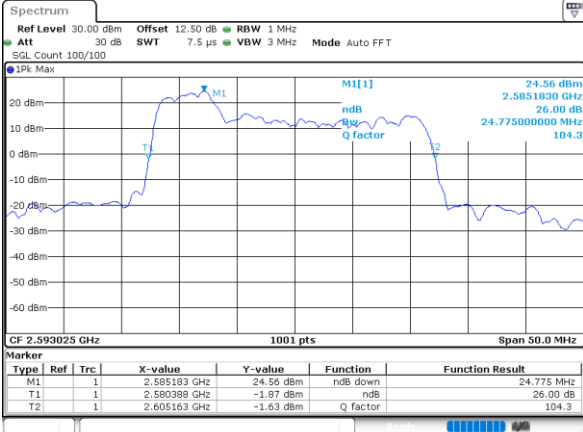


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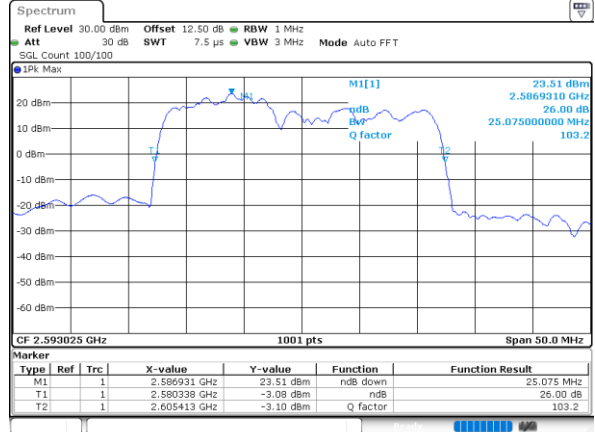
LTE Band 41C

Middle Channel / 5MHz+20MHz



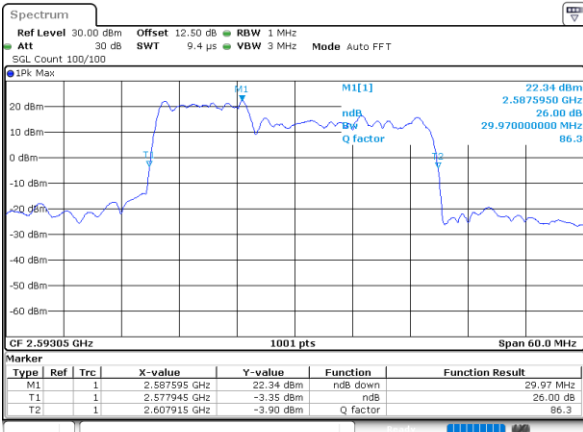
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Middle Channel / 10MHz+15MHz



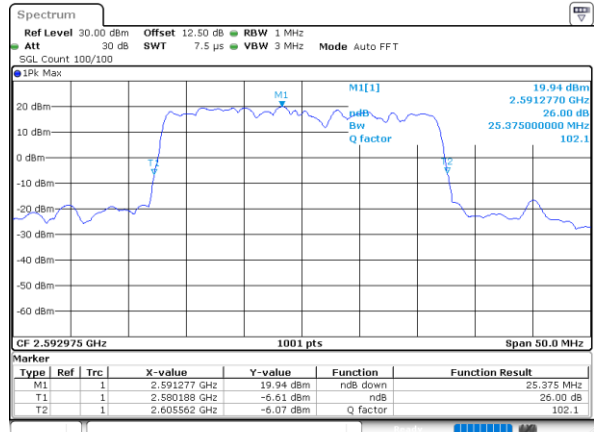
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Middle Channel / 10MHz+20MHz



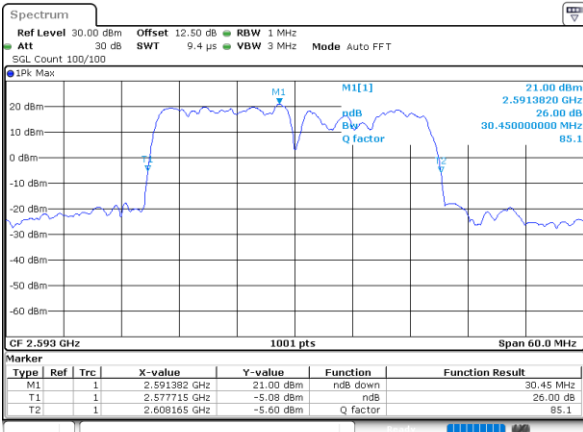
Date: 1,SEP,2022 22:07:08

Middle Channel / 15MHz+10MHz



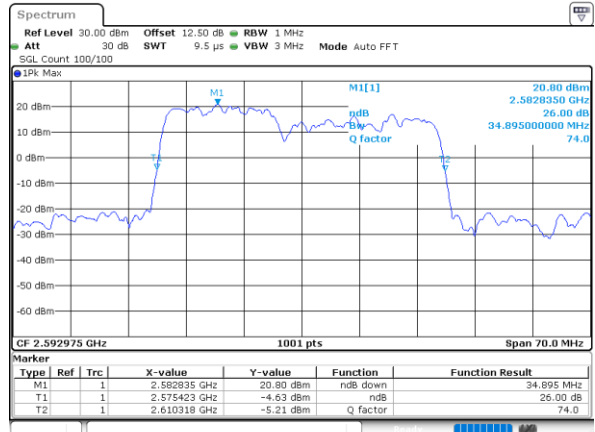
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Middle Channel / 15MHz+15MHz



Date: 1,SEP,2022 22:14:45

Middle Channel / 15MHz+20MHz



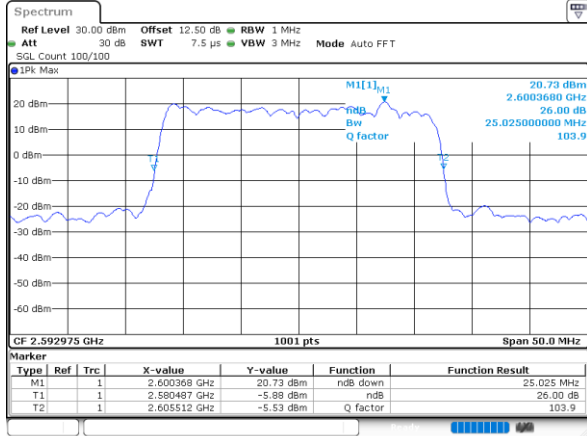
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LTE Band 41C

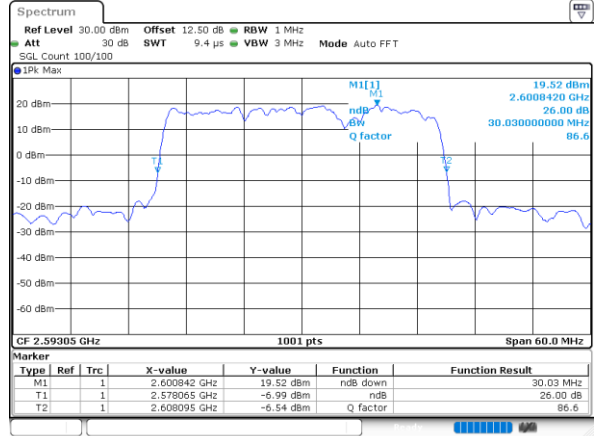
16QAM

Middle Channel / 20MHz+5MHz



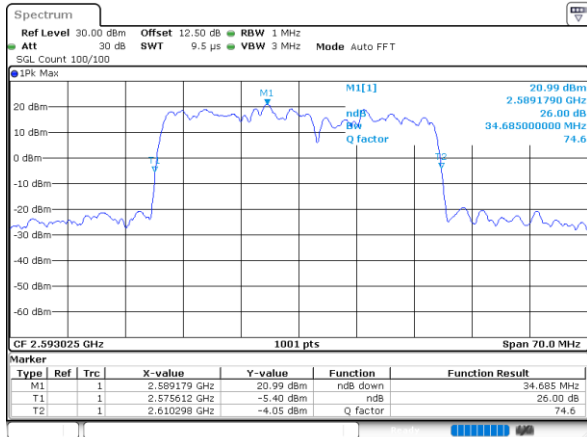
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Middle Channel / 20MHz+10MHz



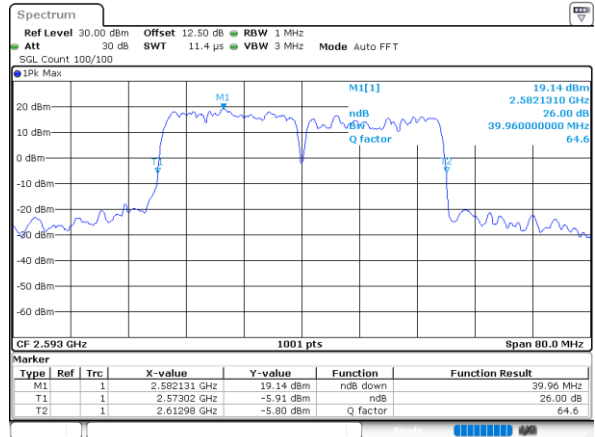
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Middle Channel / 20MHz+15MHz



Date: 1.SEP.2022 22:42:08

Middle Channel / 20MHz+20MHz



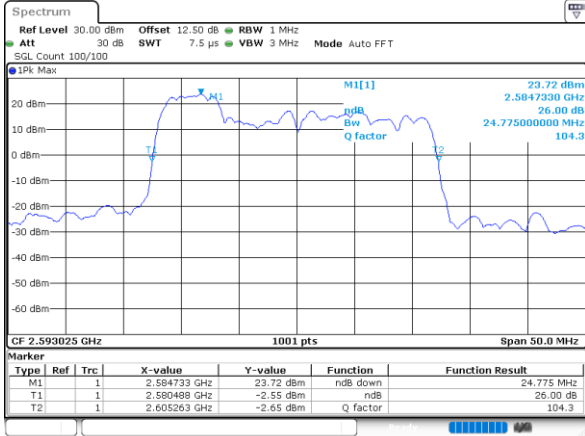
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LTE Band 41C

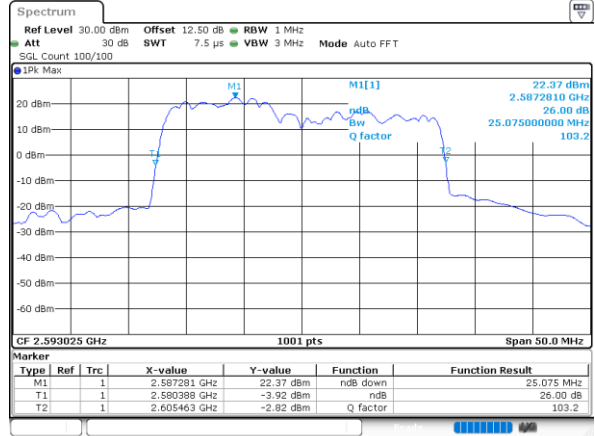
64QAM

Middle Channel / 5MHz+20MHz



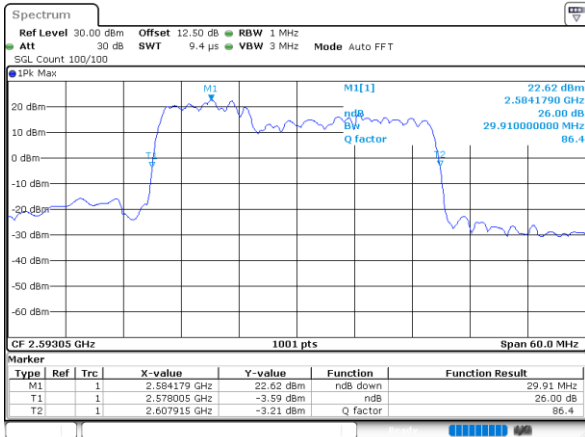
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Middle Channel / 10MHz+15MHz



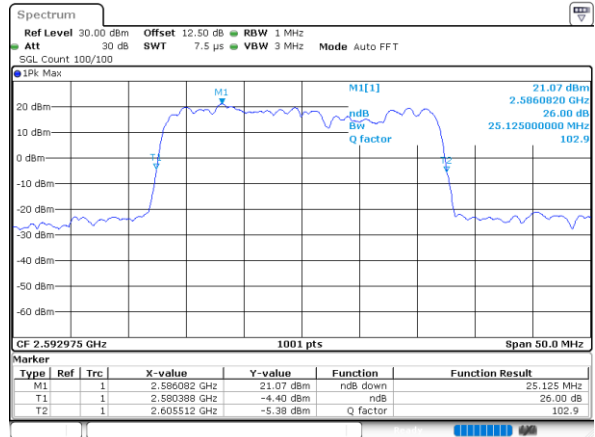
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Middle Channel / 10MHz+20MHz



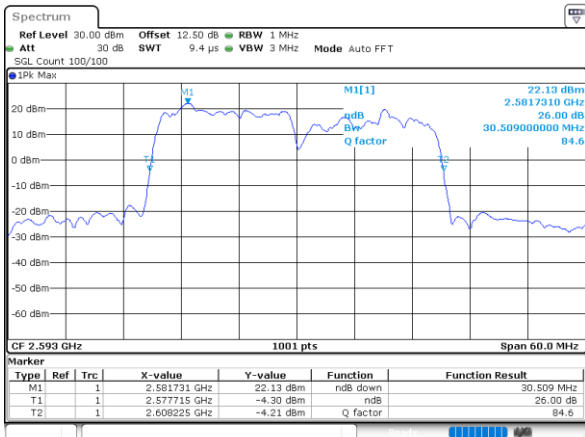
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Middle Channel / 15MHz+10MHz



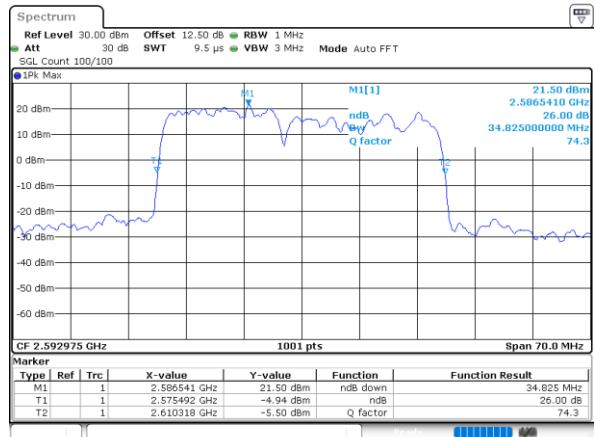
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Middle Channel / 15MHz+15MHz



Date: 1.SEP.2022 22:14:10

Middle Channel / 15MHz+20MHz



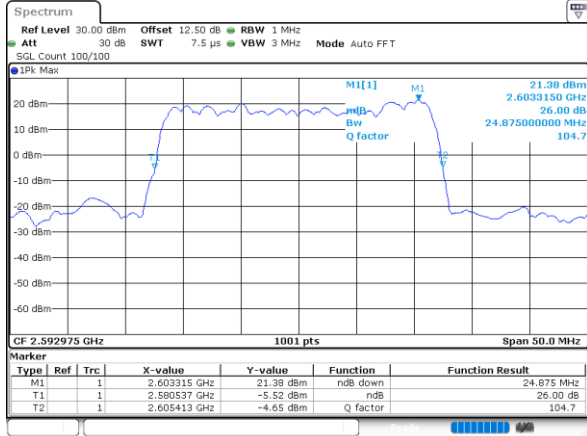
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LTE Band 41C

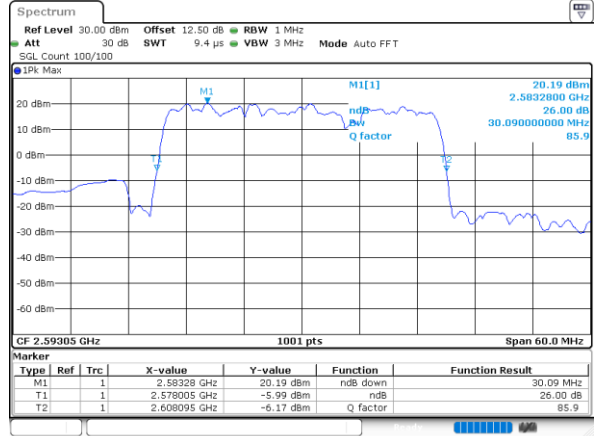
64QAM

Middle Channel / 20MHz+5MHz



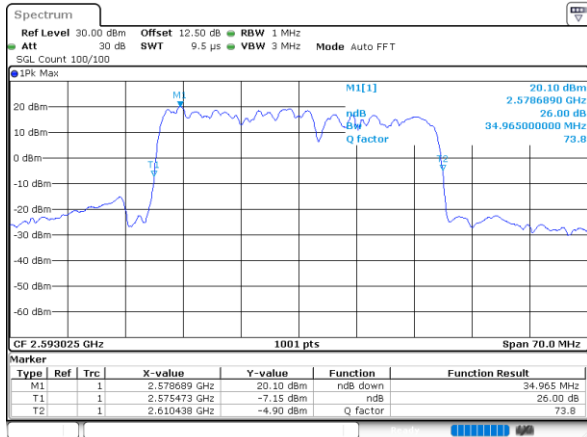
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Middle Channel / 20MHz+10MHz



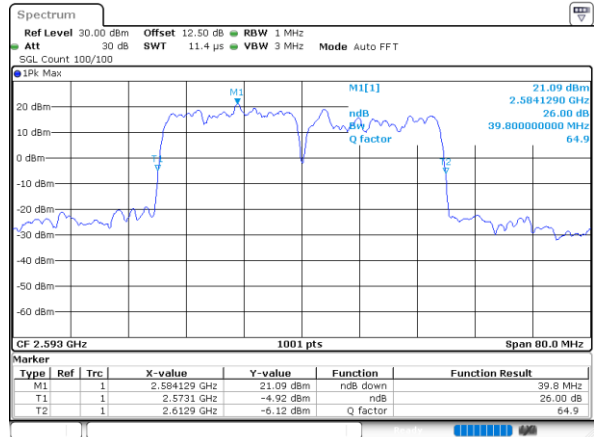
Date: 1.SEP.2022 22:10:29

Middle Channel / 20MHz+15MHz



Date: 2.SEP.2022 01:47:09

Middle Channel / 20MHz+20MHz



Date: 1.SEP.2022 22:45:26