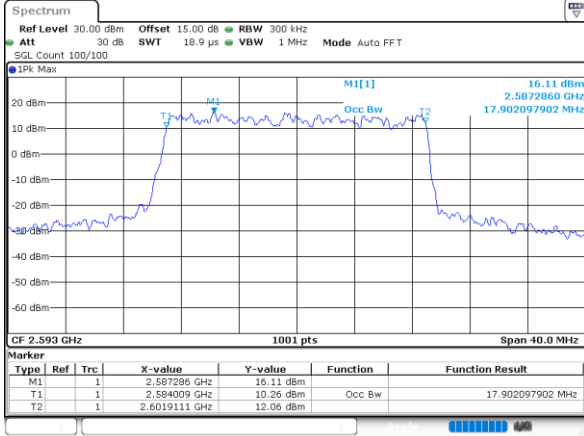




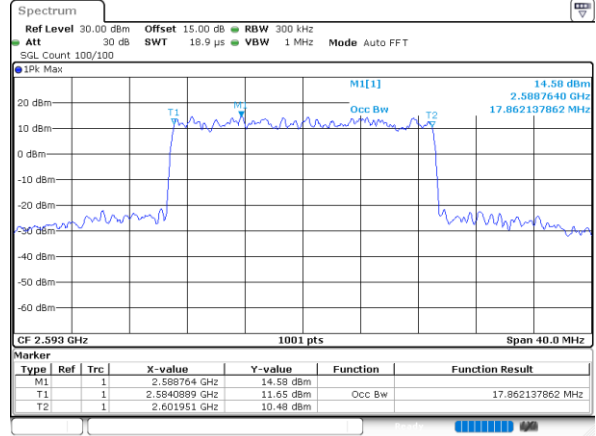
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 8.MAR.2024 00:38:21

Middle Channel / 20MHz / 16QAM



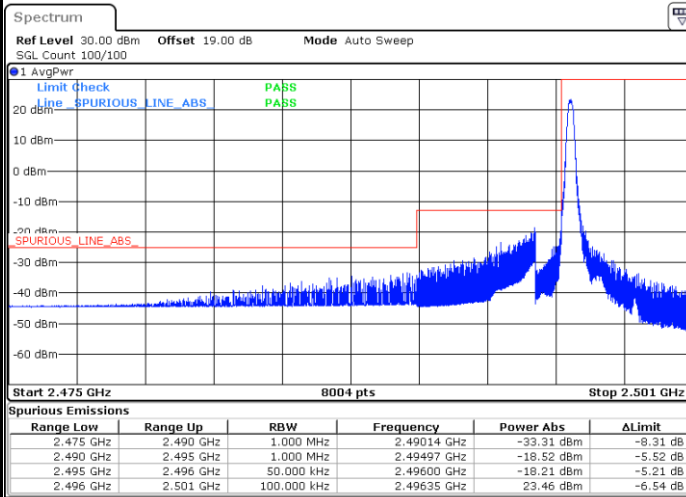
Date: 8.MAR.2024 00:39:04



Conducted Band Edge

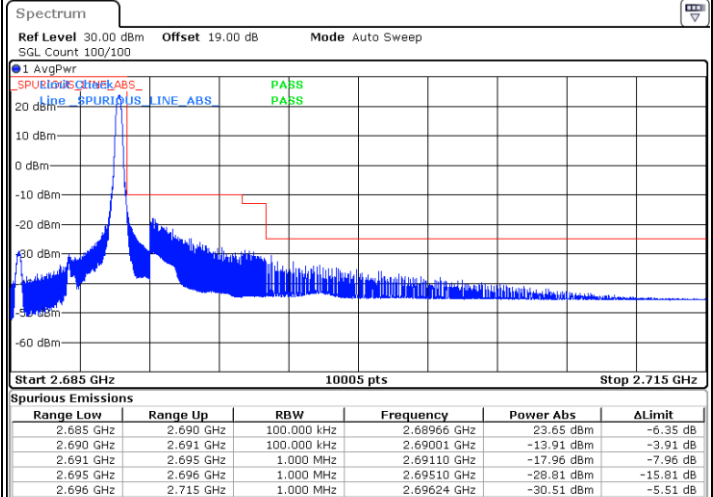
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



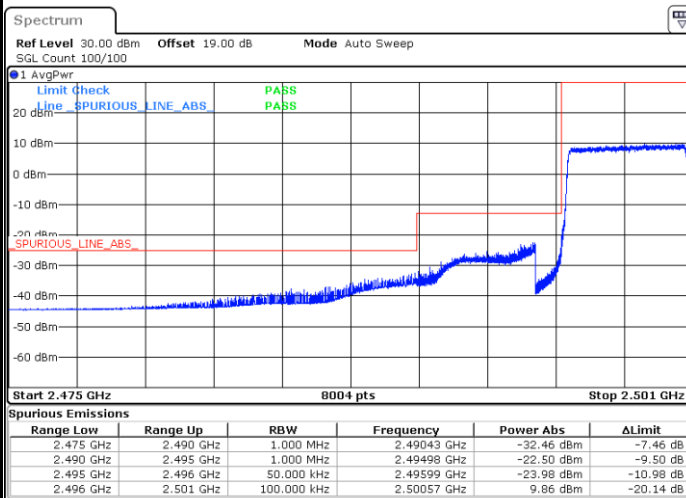
Date: 7.MAR.2024 23:35:17

Highest Band Edge / 1 RB



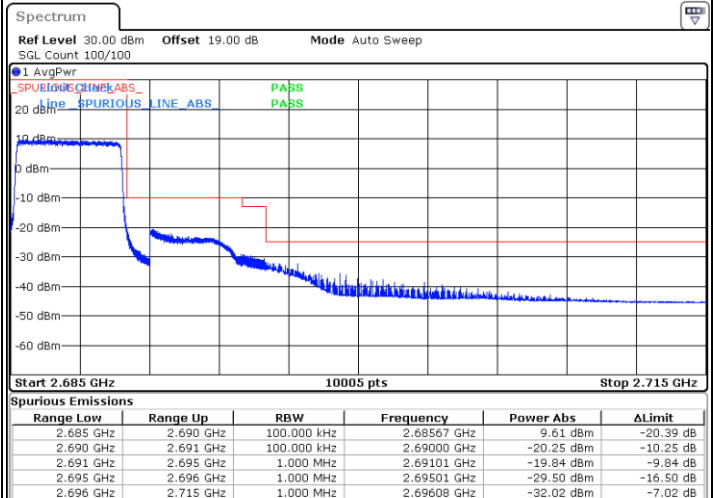
Date: 8.MAR.2024 01:07:31

Lowest Band Edge / Full RB



Date: 7.MAR.2024 23:40:43

Highest Band Edge / Full RB

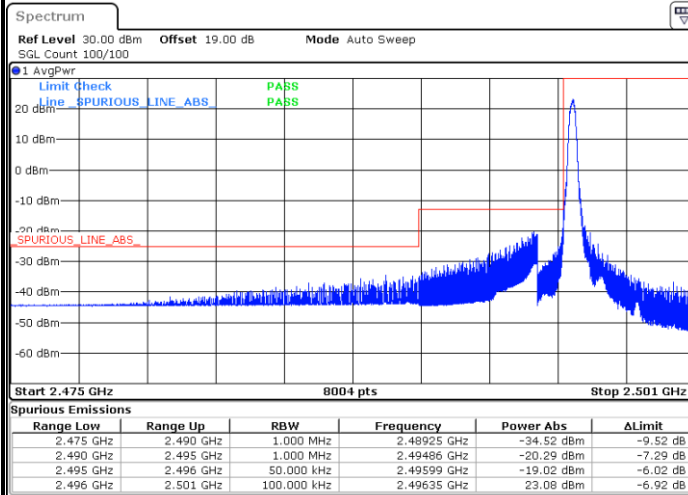


Date: 7.MAR.2024 23:51:26



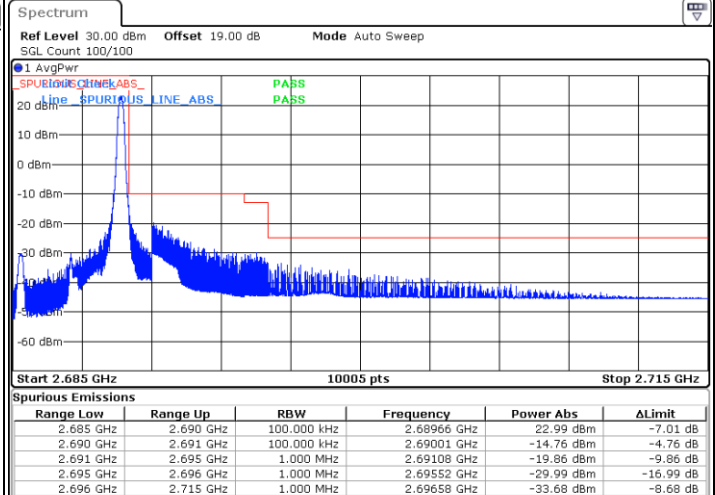
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



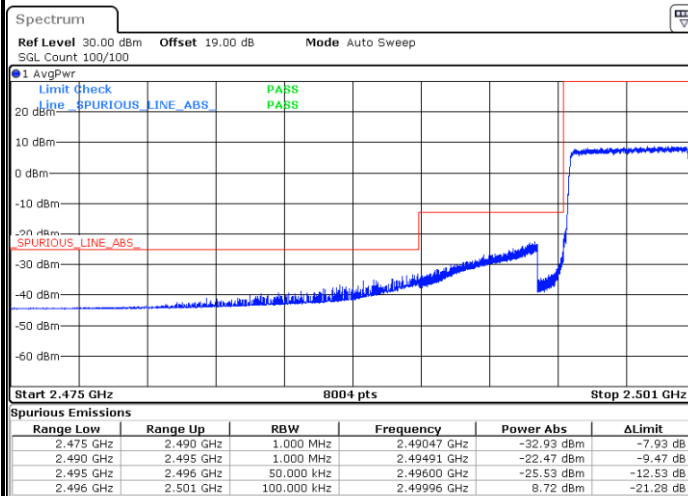
Date: 7.MAR.2024 23:36:22

Highest Band Edge / 1 RB



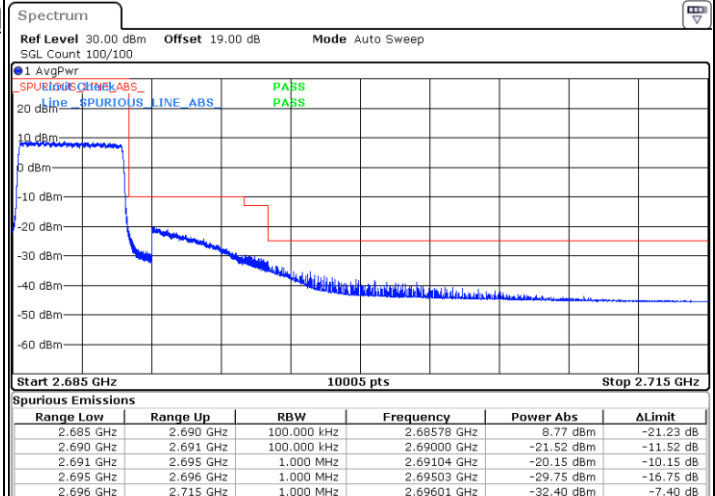
Date: 7.MAR.2024 23:46:58

Lowest Band Edge / Full RB



Date: 7.MAR.2024 23:39:38

Highest Band Edge / Full RB

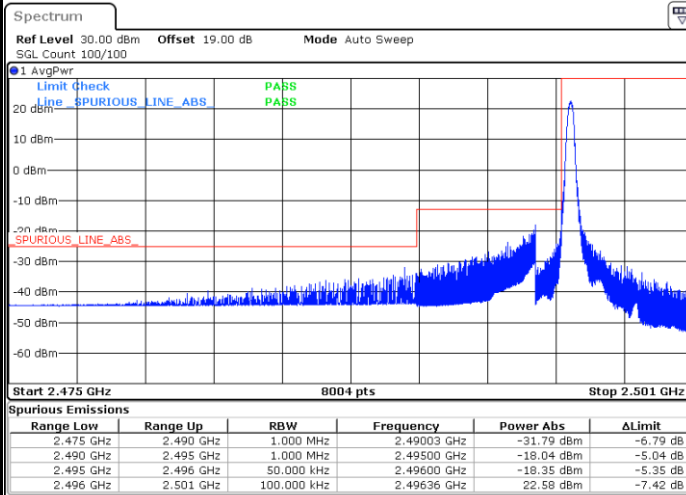


Date: 7.MAR.2024 23:50:20



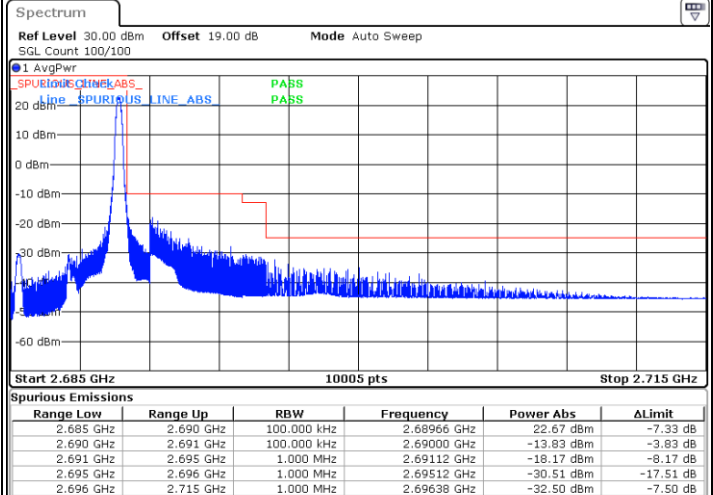
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



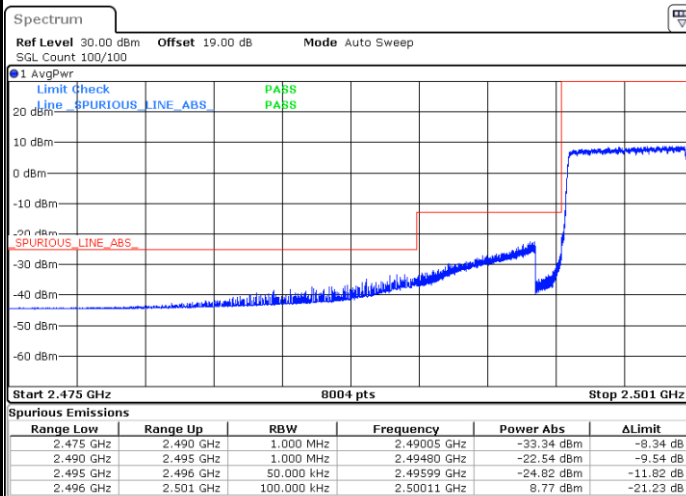
Date: 7.MAR.2024 23:37:26

Highest Band Edge / 1 RB



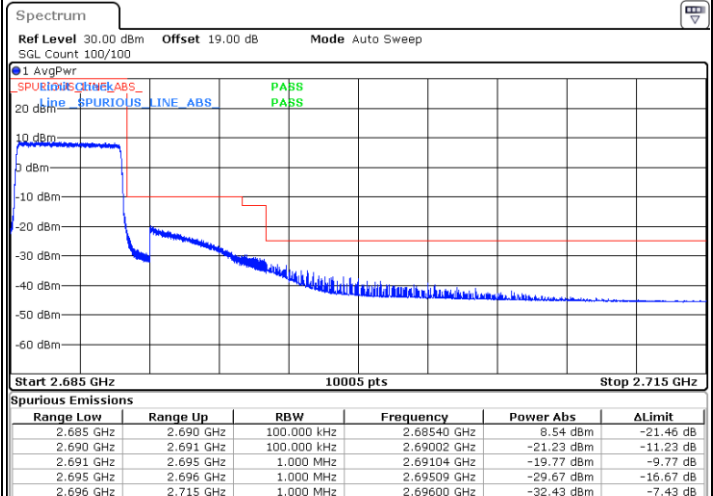
Date: 7.MAR.2024 23:48:06

Lowest Band Edge / Full RB



Date: 7.MAR.2024 23:38:30

Highest Band Edge / Full RB

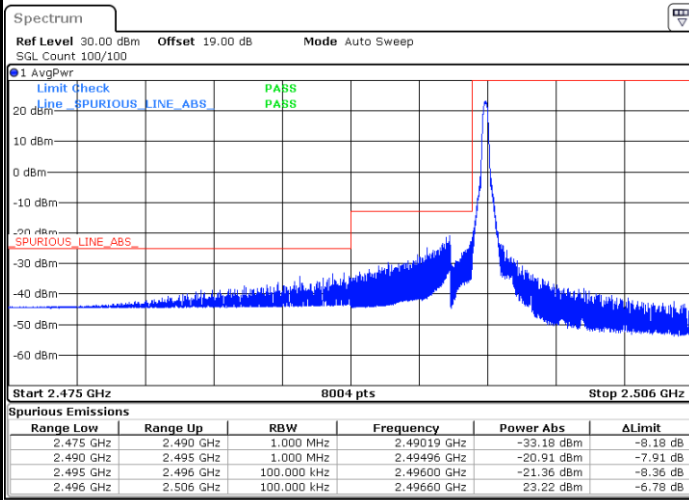


Date: 7.MAR.2024 23:49:13

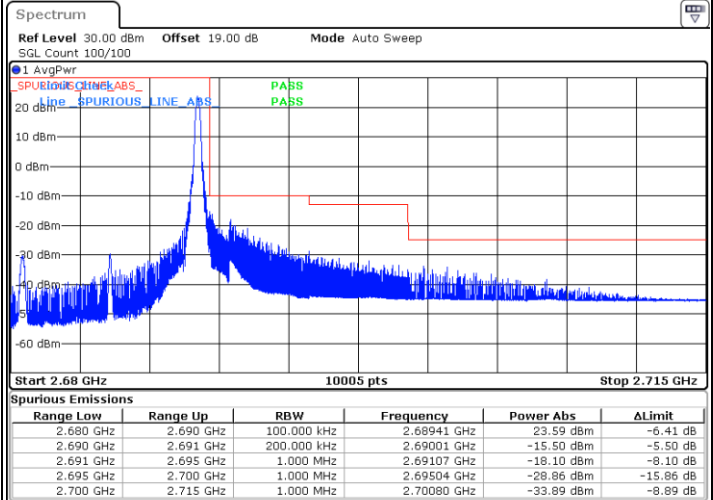


LTE Band 41 / 10MHz / QPSK

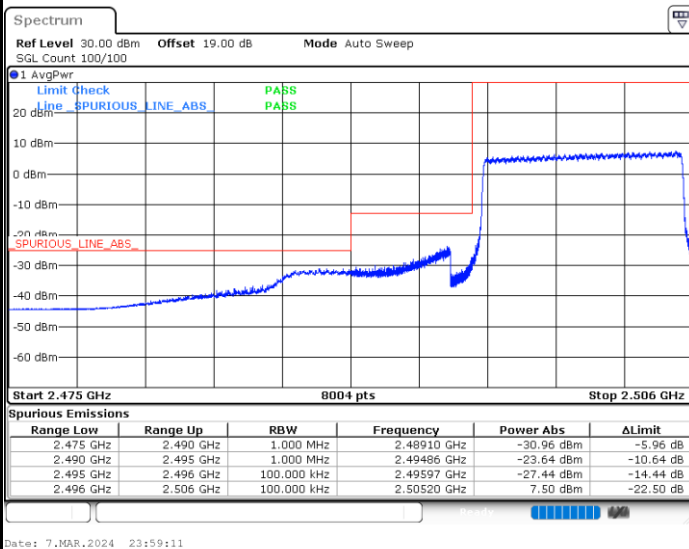
Lowest Band Edge / 1 RB



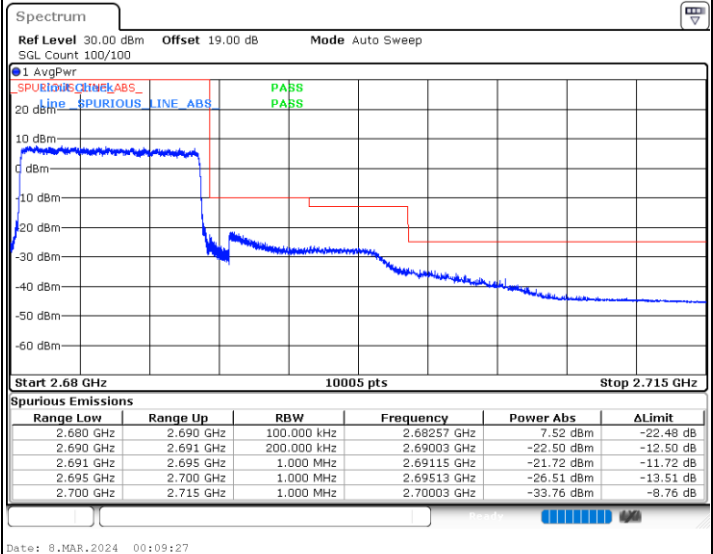
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



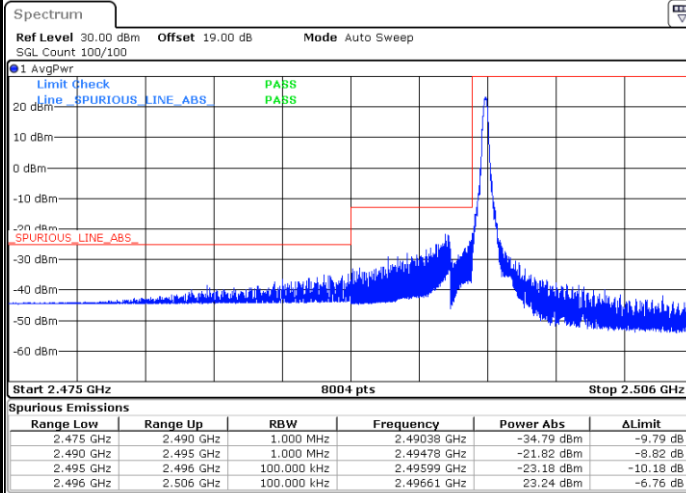
Highest Band Edge / Full RB





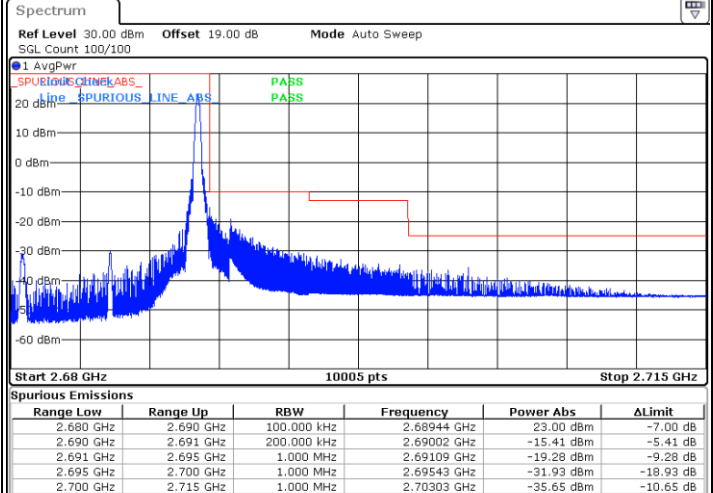
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



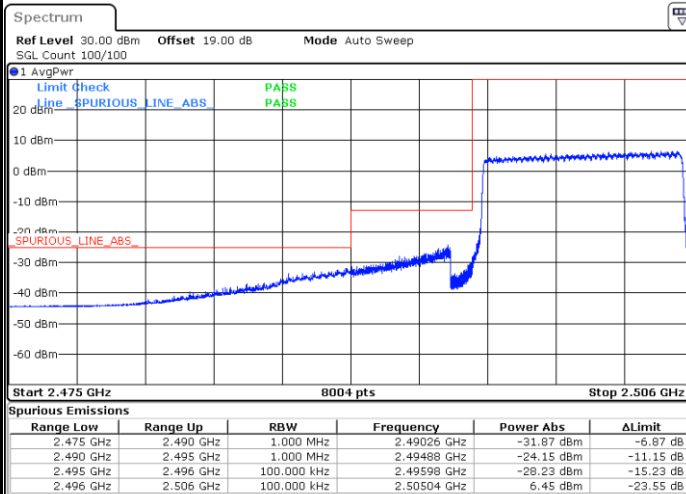
Date: 7.MAR.2024 23:54:54

Highest Band Edge / 1 RB



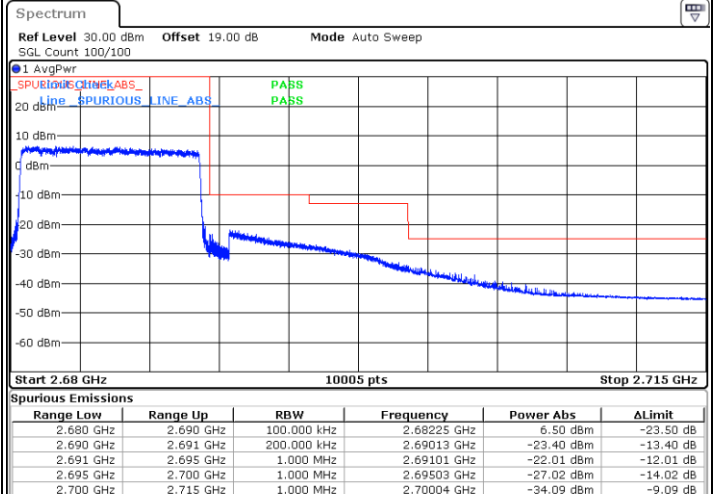
Date: 8.MAR.2024 00:05:11

Lowest Band Edge / Full RB



Date: 7.MAR.2024 23:58:07

Highest Band Edge / Full RB

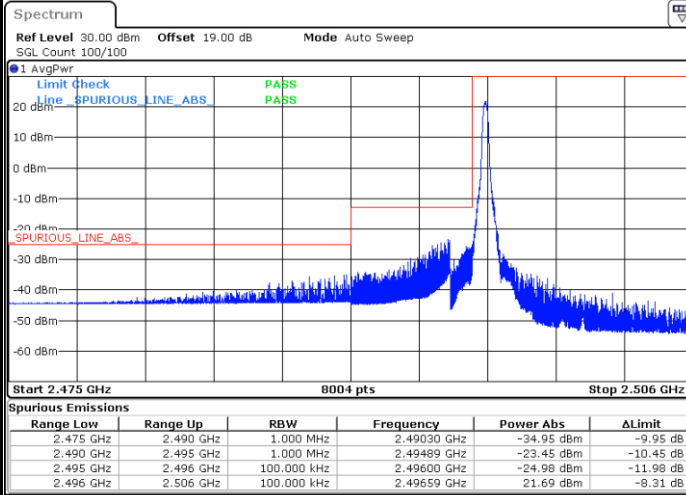


Date: 8.MAR.2024 00:08:23

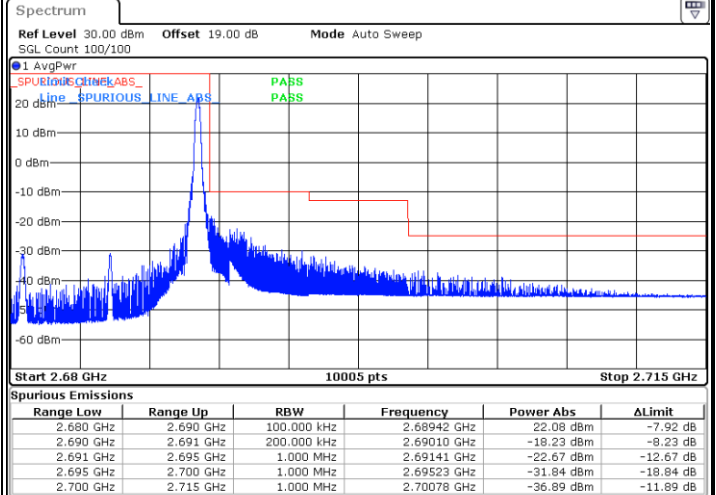


LTE Band 41 / 10MHz / 64QAM

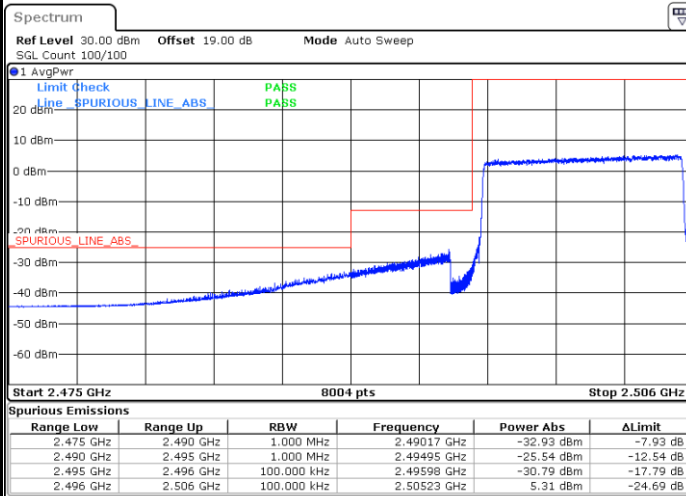
Lowest Band Edge / 1RB



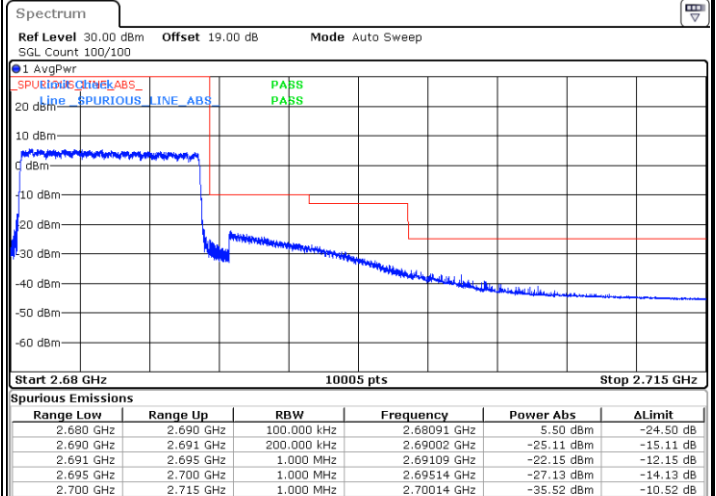
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



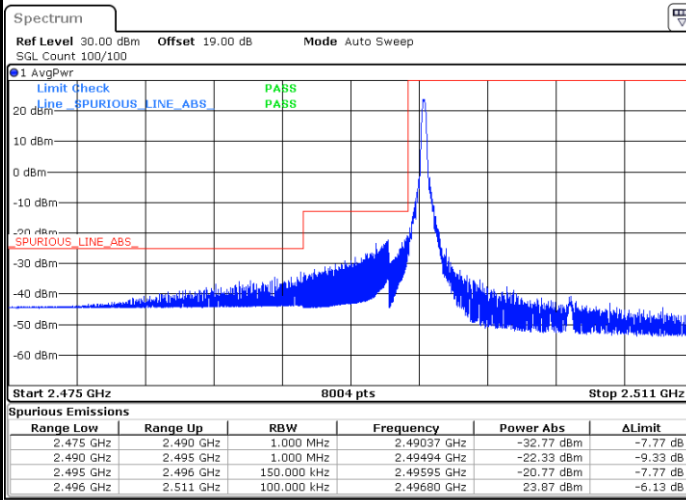
Highest Band Edge / Full RB



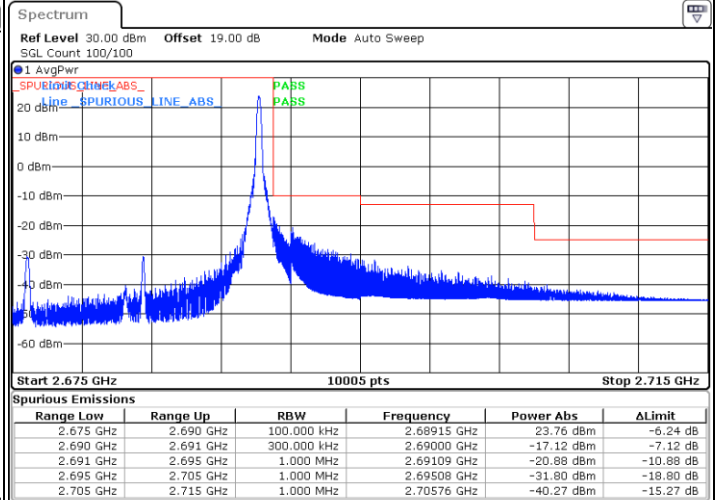


LTE Band 41 / 15MHz / QPSK

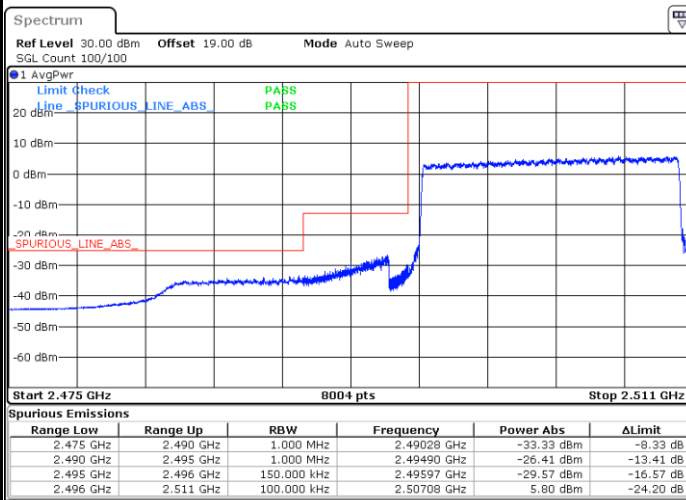
Lowest Band Edge / 1 RB



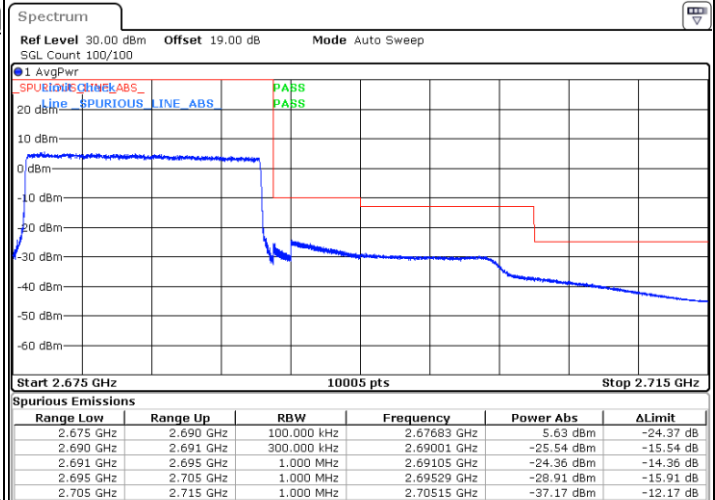
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



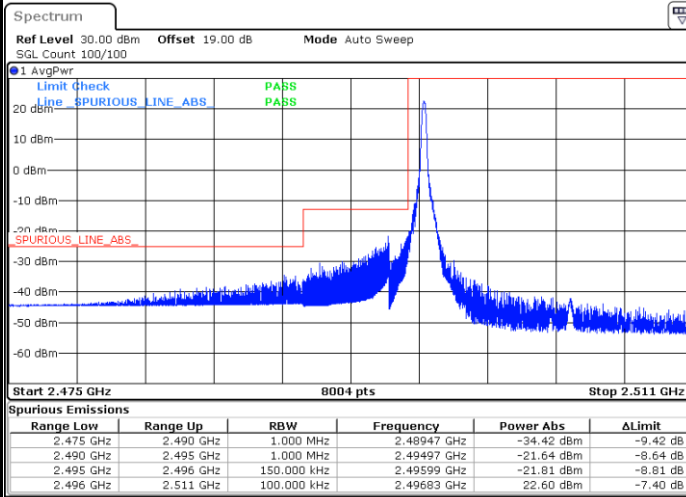
Highest Band Edge / Full RB





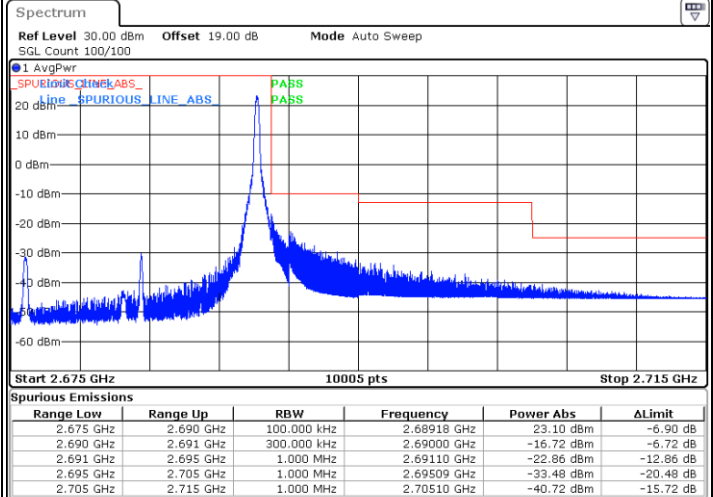
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



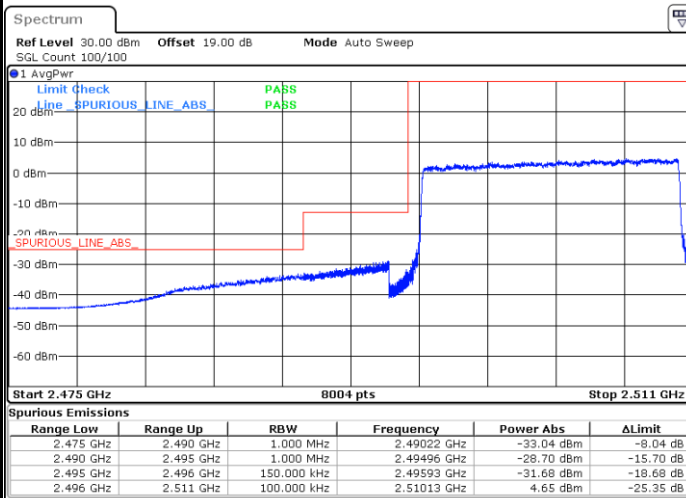
Date: 8.MAR.2024 00:12:53

Highest Band Edge / 1 RB



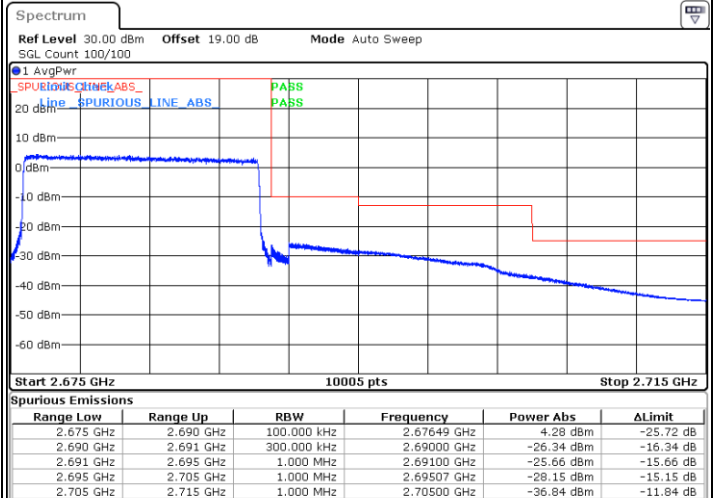
Date: 8.MAR.2024 00:23:13

Lowest Band Edge / Full RB



Date: 8.MAR.2024 00:16:06

Highest Band Edge / Full RB

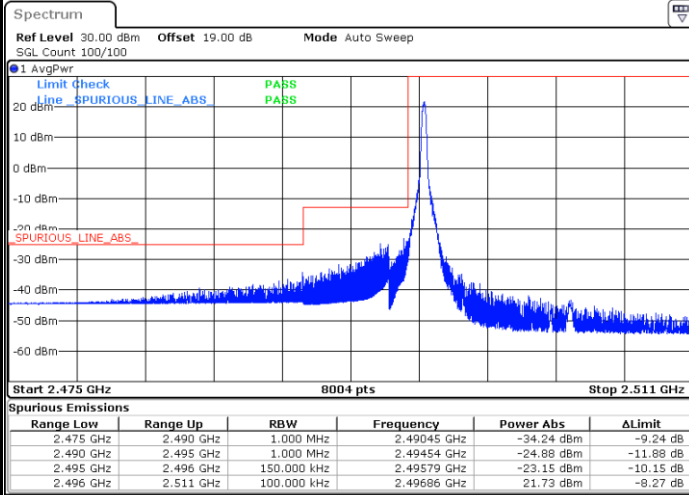


Date: 8.MAR.2024 00:26:35



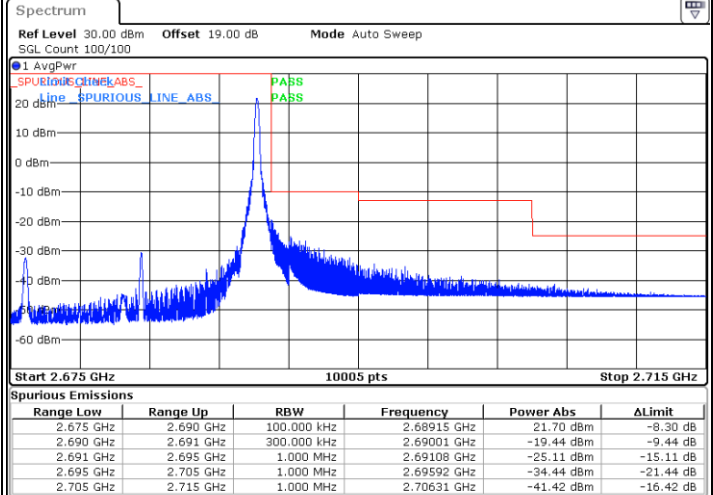
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



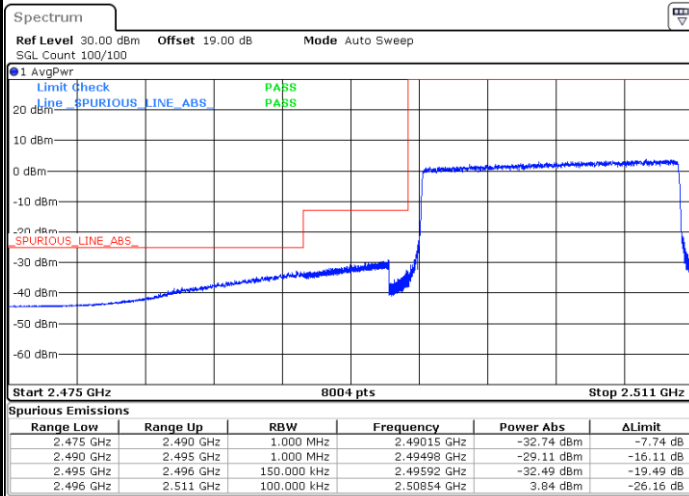
Date: 8.MAR.2024 00:13:57

Highest Band Edge / 1 RB



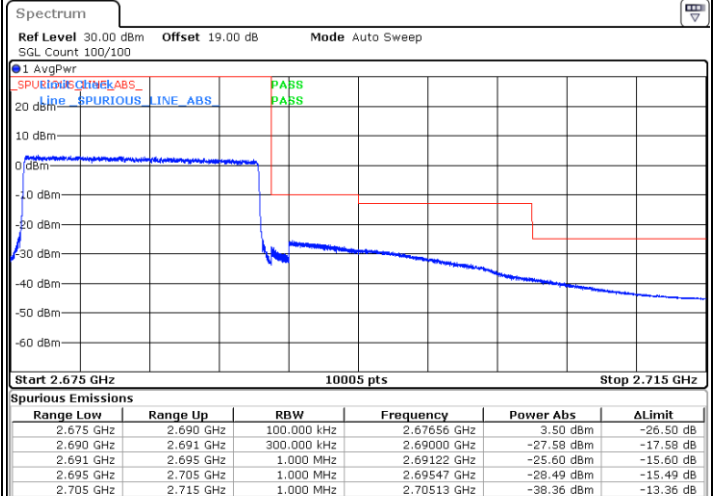
Date: 8.MAR.2024 00:24:27

Lowest Band Edge / Full RB



Date: 8.MAR.2024 00:15:02

Highest Band Edge / Full RB

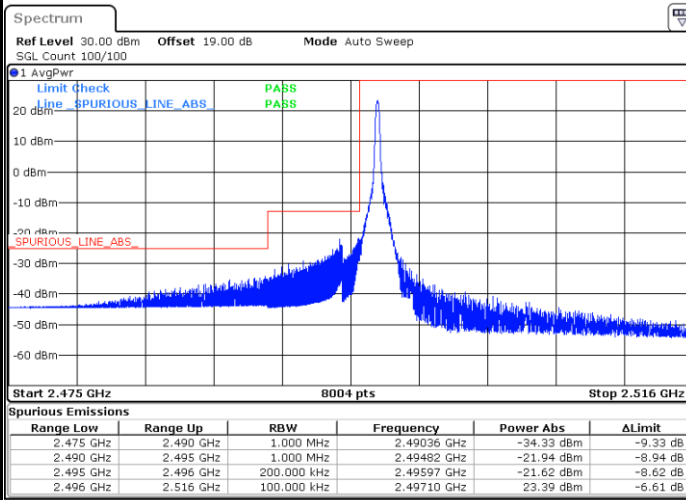


Date: 8.MAR.2024 00:25:31

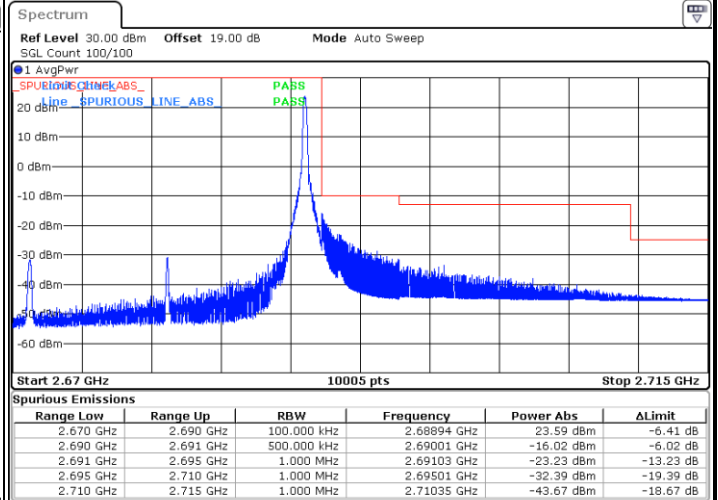


LTE Band 41 / 20MHz / QPSK

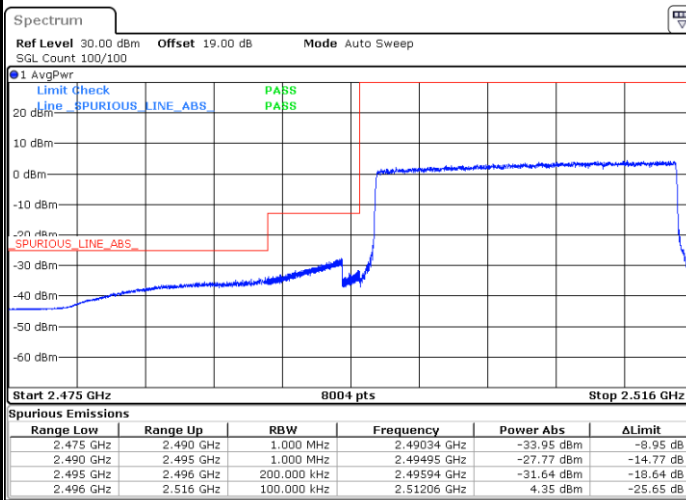
Lowest Band Edge / 1 RB



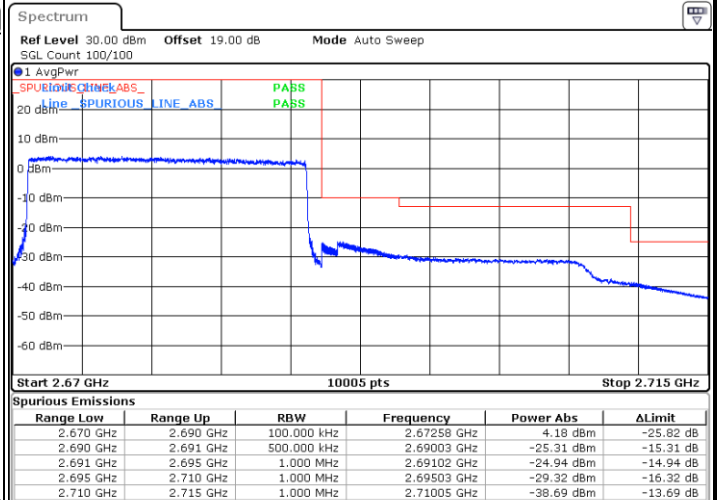
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



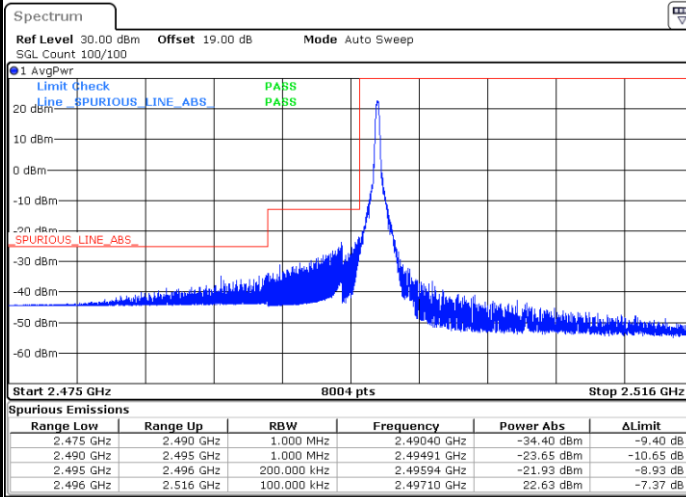
Highest Band Edge / Full RB





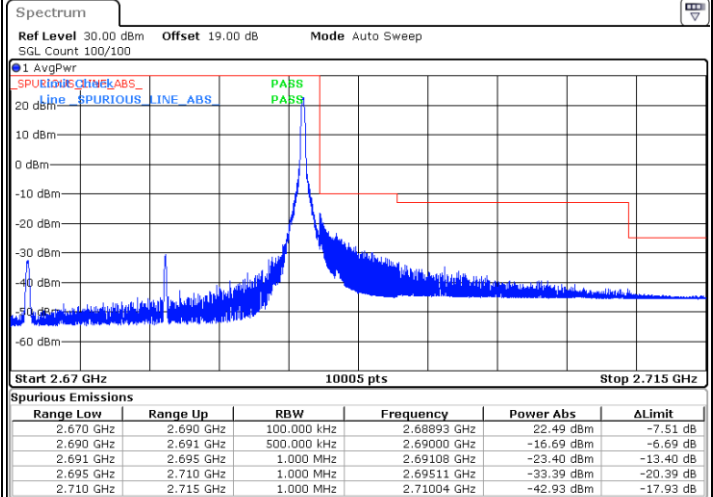
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



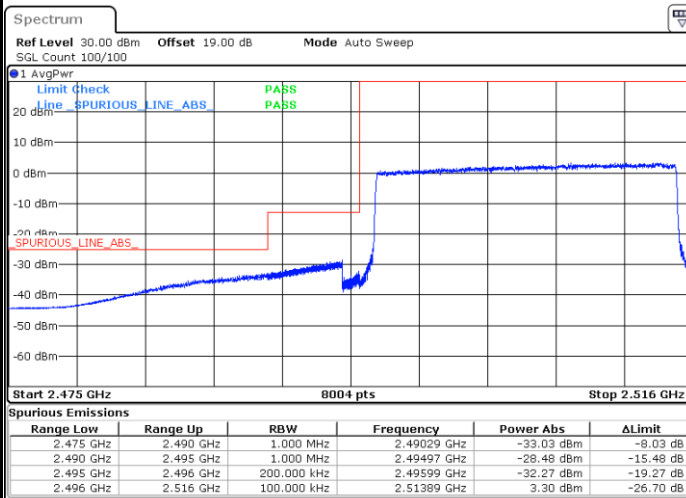
Date: 8.MAR.2024 00:31:05

Highest Band Edge / 1 RB



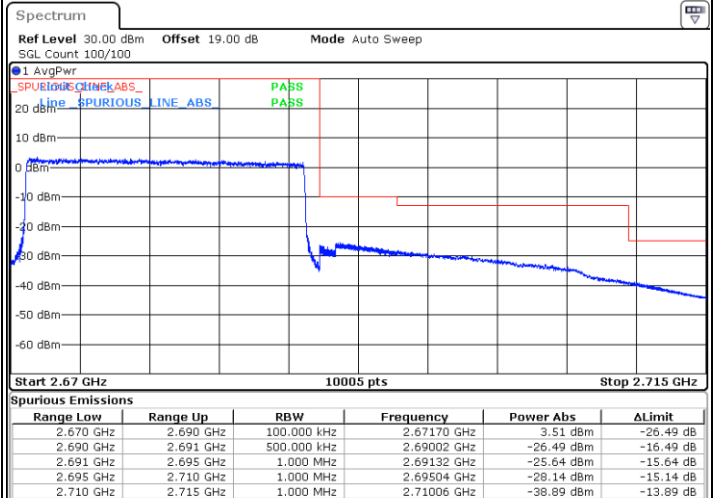
Date: 8.MAR.2024 00:42:56

Lowest Band Edge / Full RB



Date: 8.MAR.2024 00:34:18

Highest Band Edge / Full RB

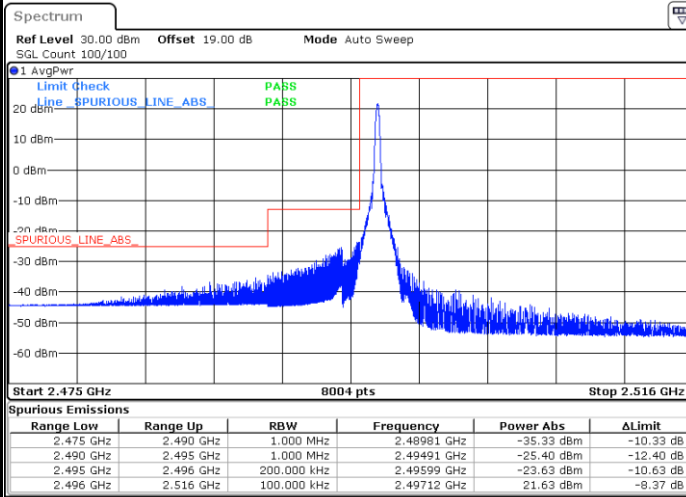


Date: 8.MAR.2024 00:46:08



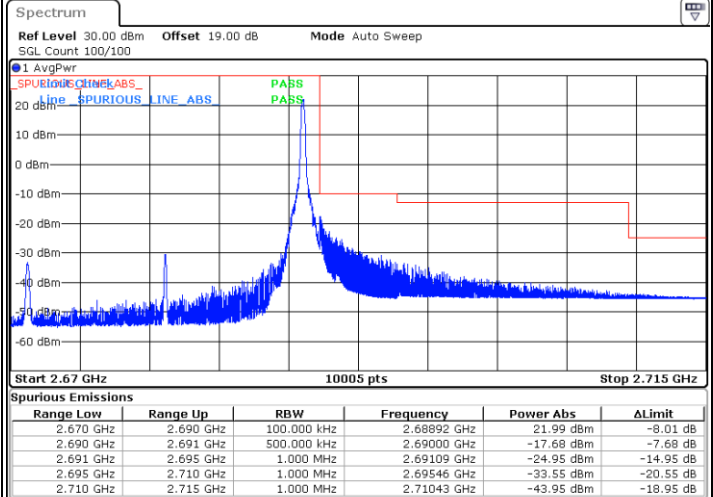
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



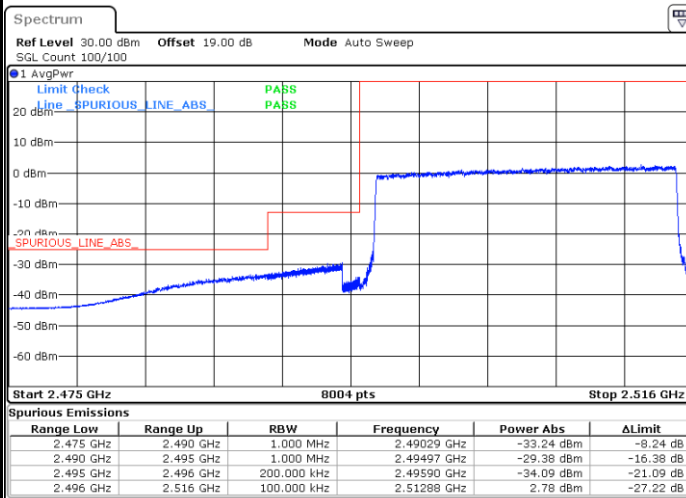
Date: 8.MAR.2024 00:32:09

Highest Band Edge / 1 RB



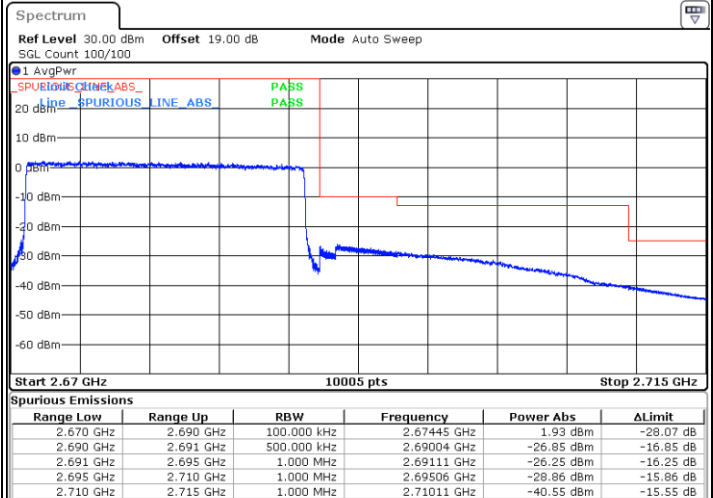
Date: 8.MAR.2024 00:44:00

Lowest Band Edge / Full RB



Date: 8.MAR.2024 00:33:14

Highest Band Edge / Full RB



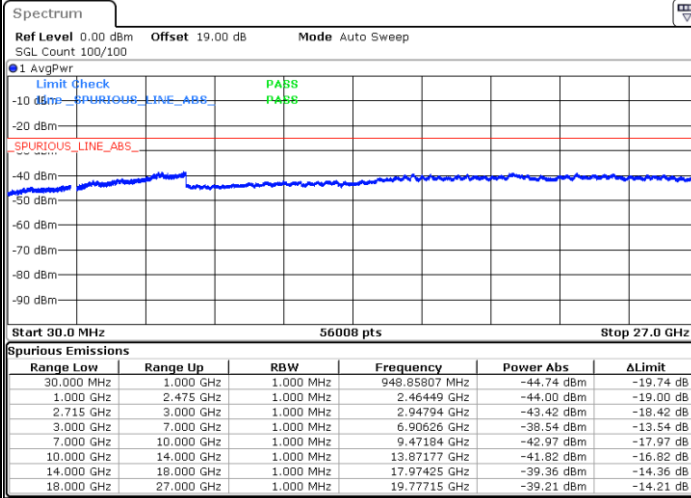
Date: 8.MAR.2024 00:45:04



Conducted Spurious Emission

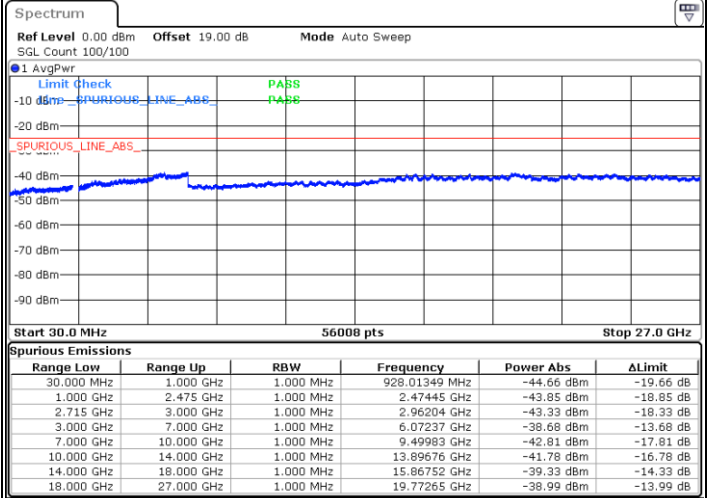
LTE Band 41 / 5MHz

Lowest Channel / QPSK



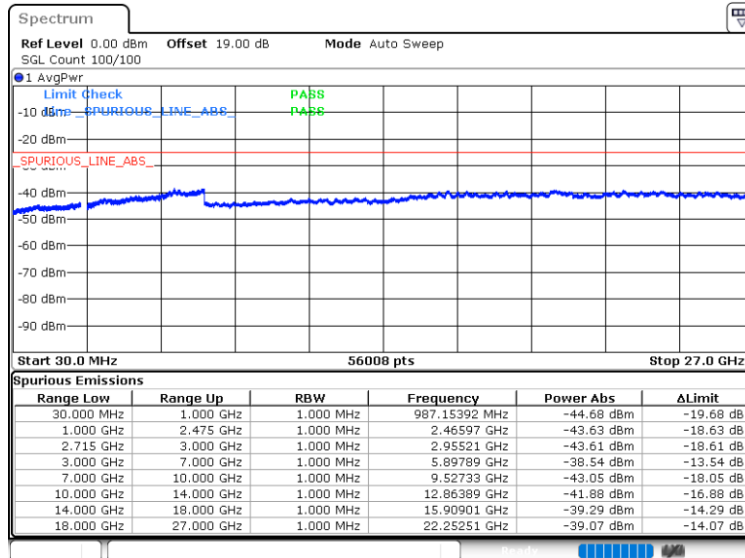
Date: 7.MAR.2024 23:41:56

Middle Channel / QPSK



Date: 7.MAR.2024 23:43:12

Highest Channel / QPSK

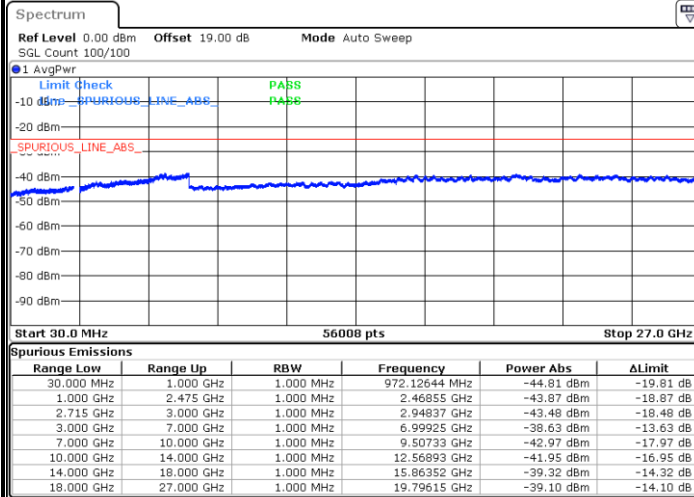


Date: 7.MAR.2024 23:52:40



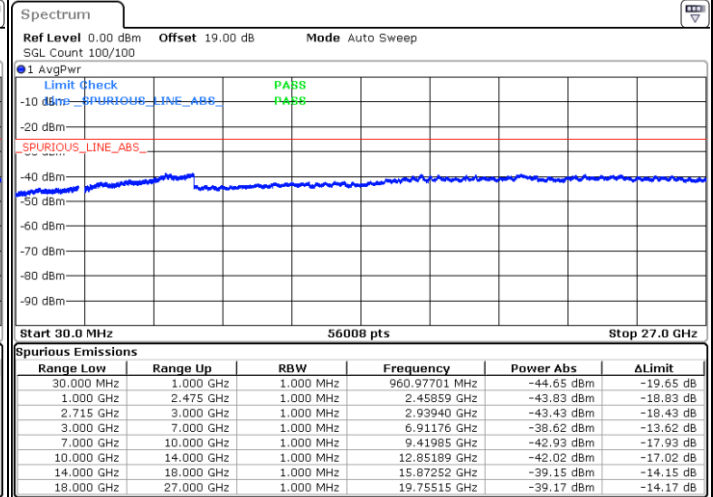
LTE Band 41 / 10MHz

Lowest Channel / QPSK



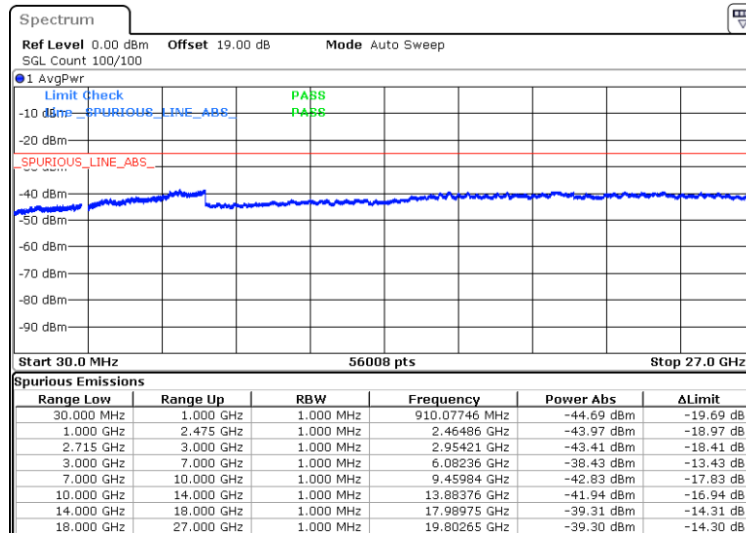
Date: 8.MAR.2024 00:00:25

Middle Channel / QPSK



Date: 8.MAR.2024 00:01:38

Highest Channel / QPSK

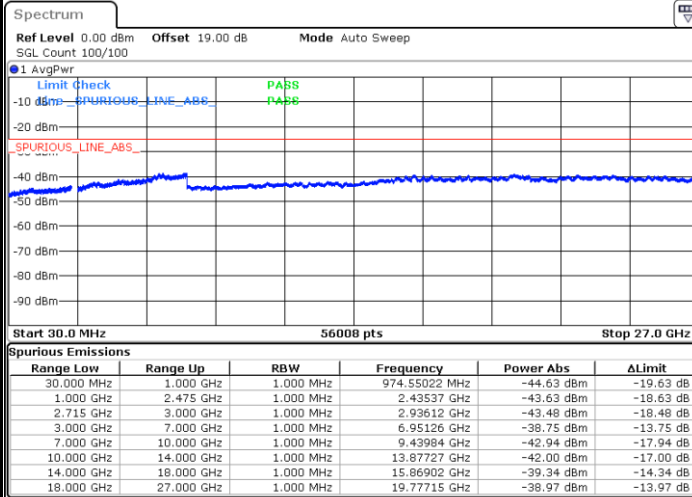


Date: 8.MAR.2024 00:10:40



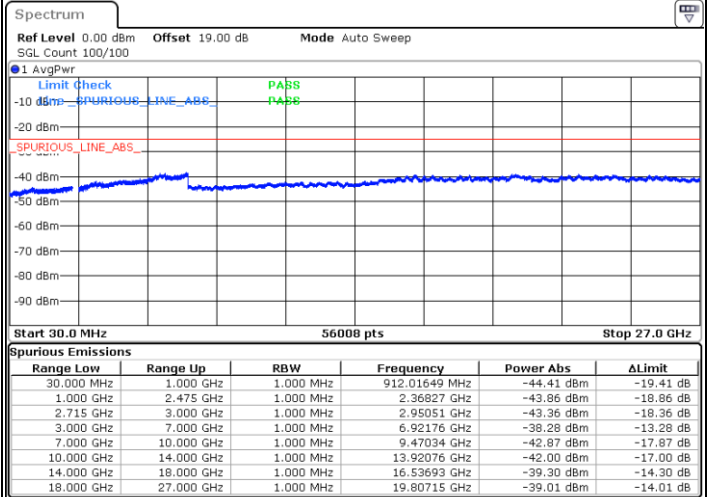
LTE Band 41 / 15MHz

Lowest Channel / QPSK



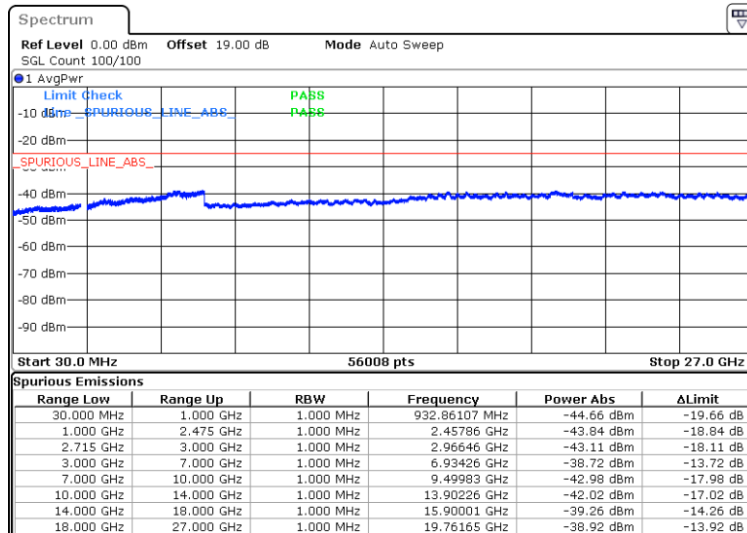
Date: 8.MAR.2024 00:18:23

Middle Channel / QPSK



Date: 8.MAR.2024 00:19:40

Highest Channel / QPSK

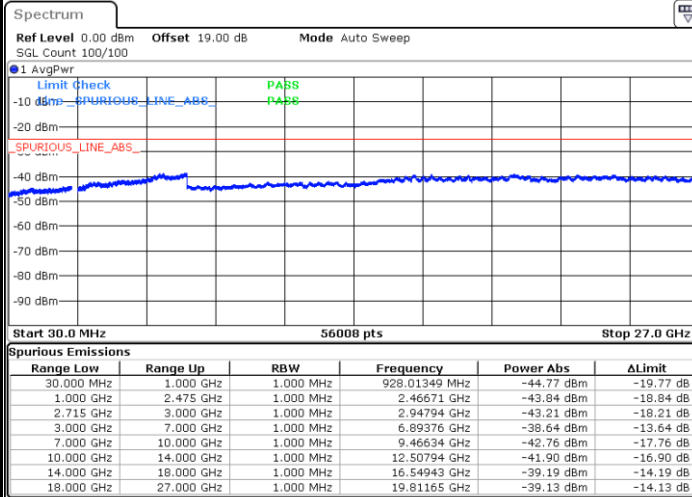


Date: 8.MAR.2024 00:28:52



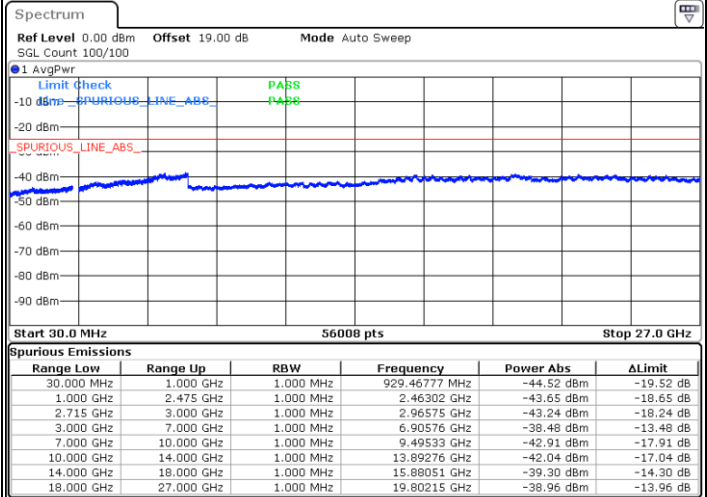
LTE Band 41 / 20MHz

Lowest Channel / QPSK



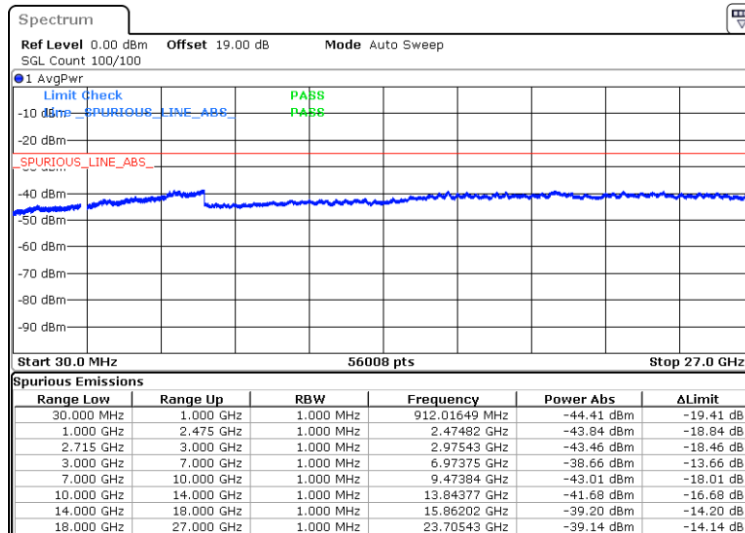
Date: 8.MAR.2024 00:36:39

Middle Channel / QPSK



Date: 8.MAR.2024 00:37:52

Highest Channel / QPSK



Date: 8.MAR.2024 00:48:25

**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	0.0004	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0003	

Note:

1. Normal Voltage = 4.0 V. ; Minimum Voltage = 3.4 V. ; Maximum Voltage = 4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE CABand 41C

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.68	25.23	29.85	25.08	30.39
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.98	29.97	34.97	39.72

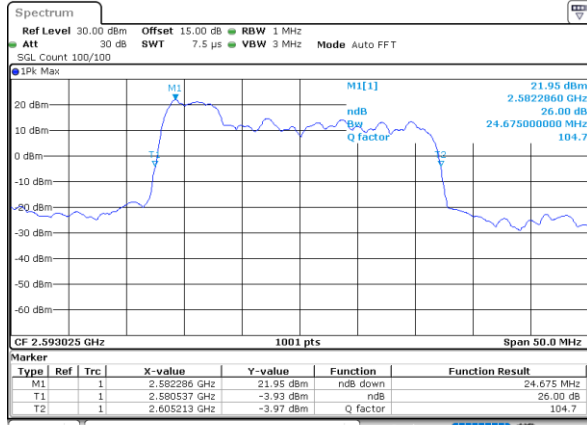
Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.83	25.08	29.67	25.38	30.75
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.18	24.93	30.09	35.04	39.80



LTE Band 41C

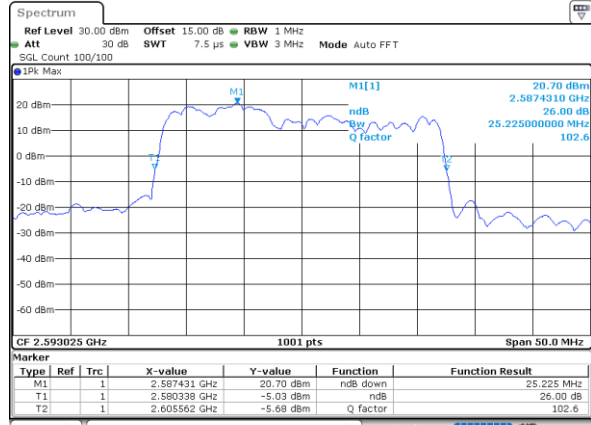
QPSK

Middle Channel / 5MHz+20MHz



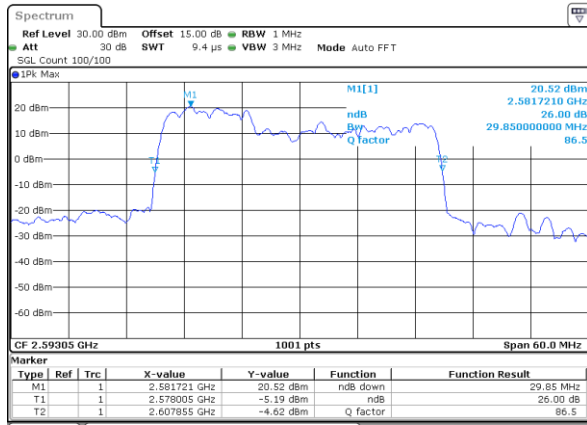
Date: 8.MAR.2024 04:03:38

Middle Channel / 10MHz+15MHz



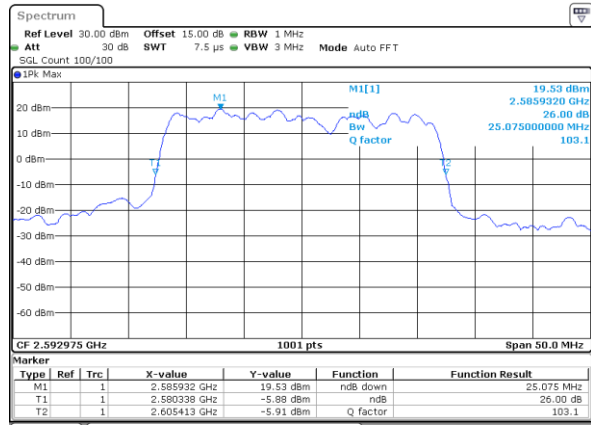
Date: 8.MAR.2024 04:57:52

Middle Channel / 10MHz+20MHz



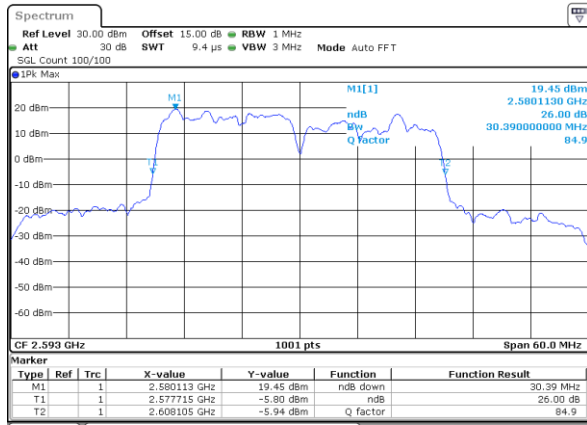
Date: 8.MAR.2024 05:51:22

Middle Channel / 15MHz+10MHz



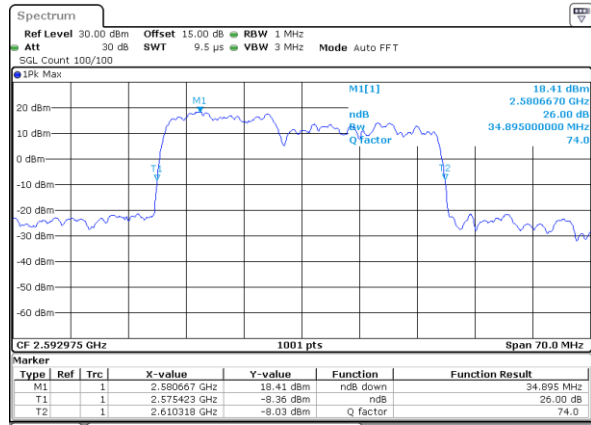
Date: 8.MAR.2024 05:24:49

Middle Channel / 15MHz+15MHz



Date: 8.MAR.2024 06:44:39

Middle Channel / 15MHz+20MHz



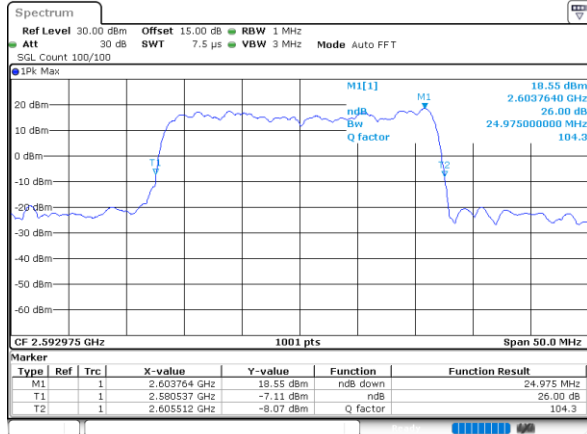
Date: 8.MAR.2024 07:09:05



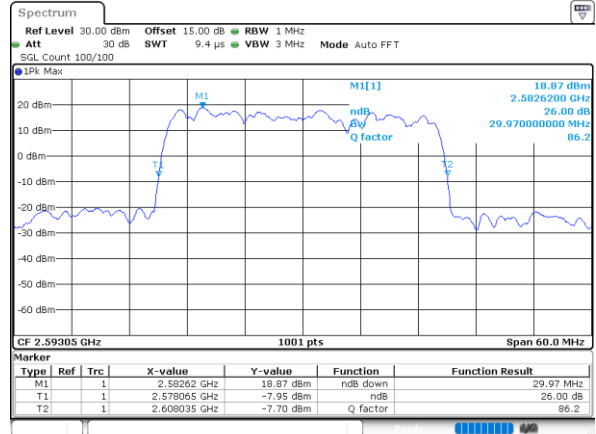
LTE Band 41C

QPSK

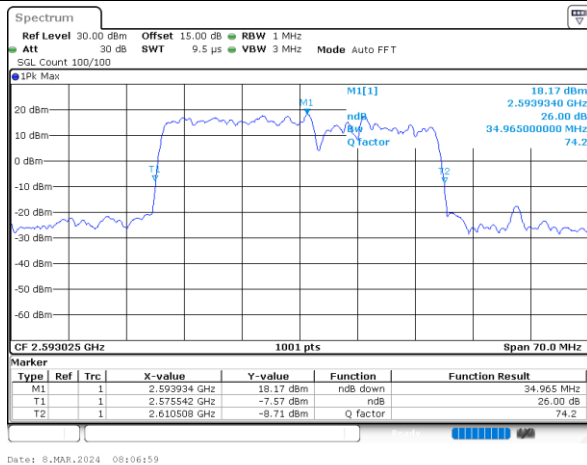
Middle Channel / 20MHz+5MHz



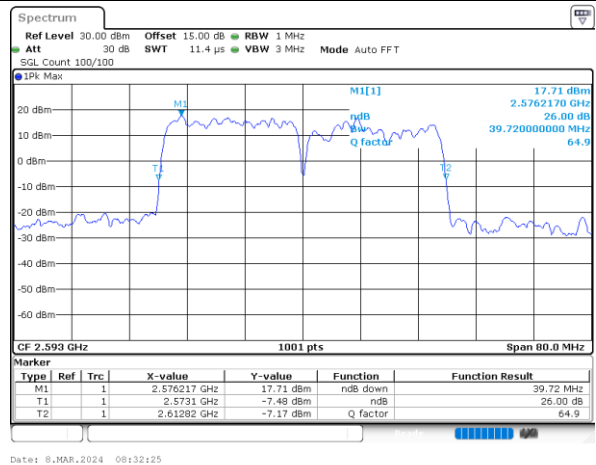
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

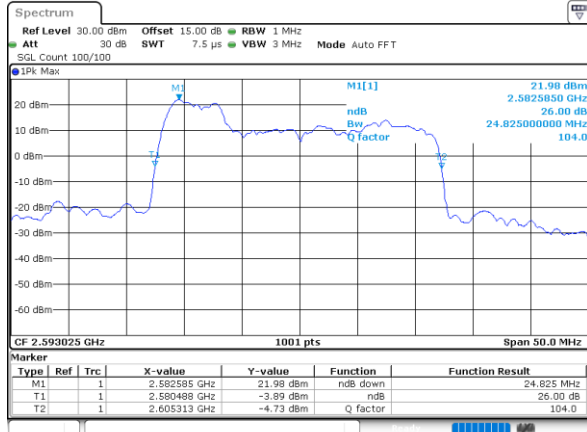




LTE Band 41C

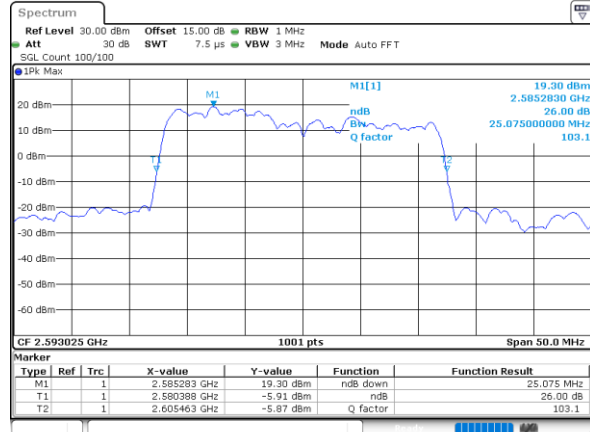
16QAM

Middle Channel / 5MHz+20MHz



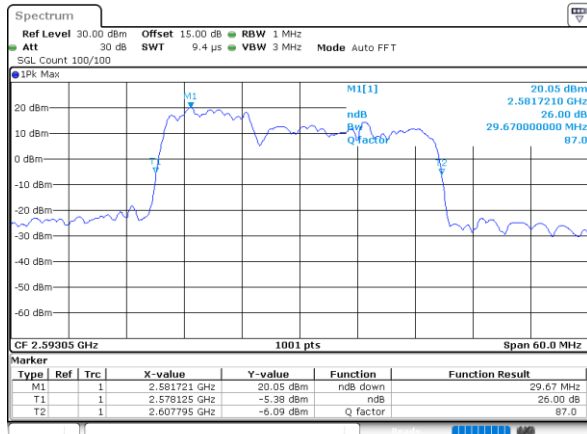
Date: 8.MAR.2024 04:04:14

Middle Channel / 10MHz+15MHz



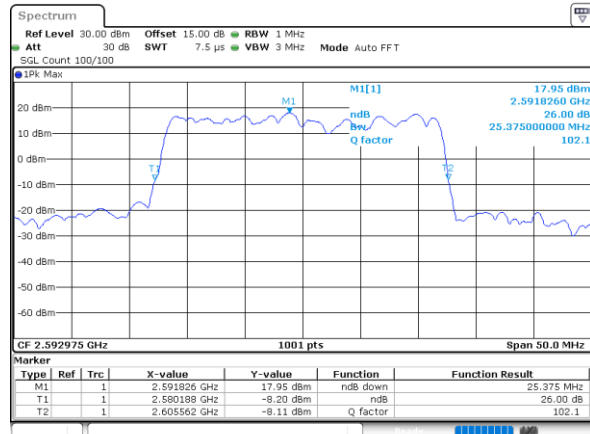
Date: 8.MAR.2024 04:58:36

Middle Channel / 10MHz+20MHz



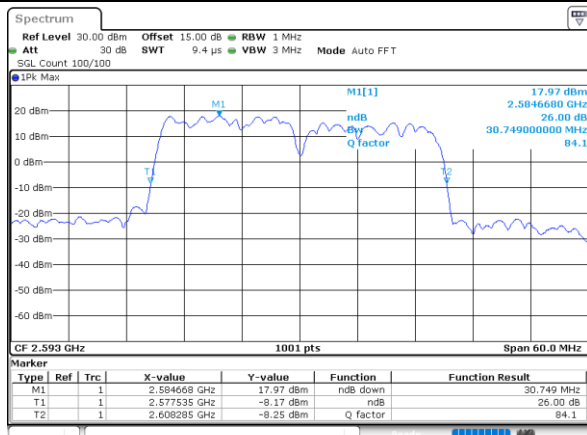
Date: 8.MAR.2024 05:52:03

Middle Channel / 15MHz+10MHz



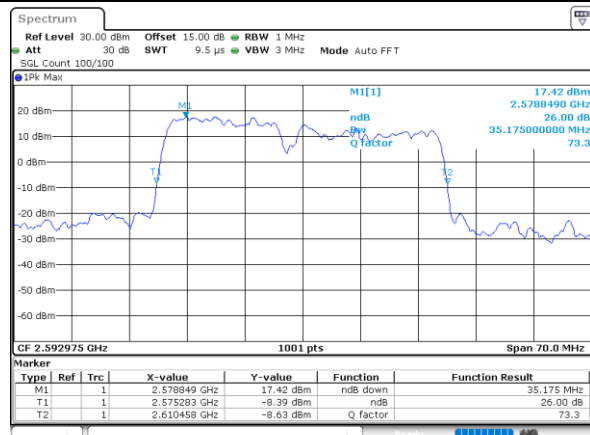
Date: 8.MAR.2024 05:25:25

Middle Channel / 15MHz+15MHz



Date: 8.MAR.2024 06:45:10

Middle Channel / 15MHz+20MHz



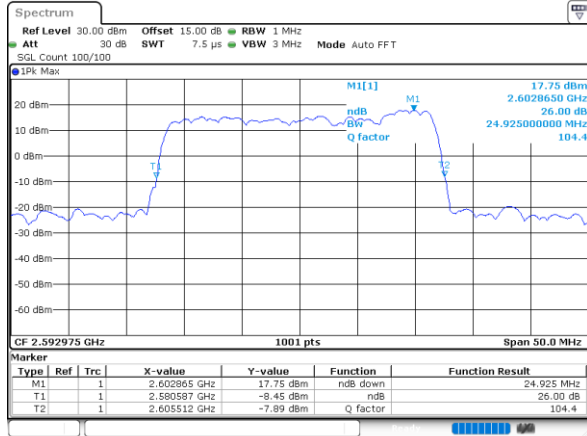
Date: 8.MAR.2024 07:09:47



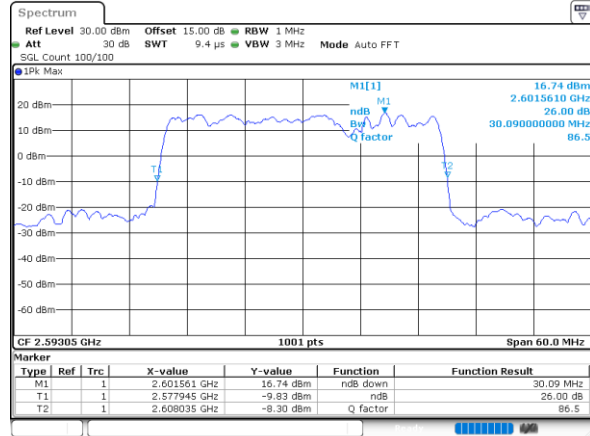
LTE Band 41C

16QAM

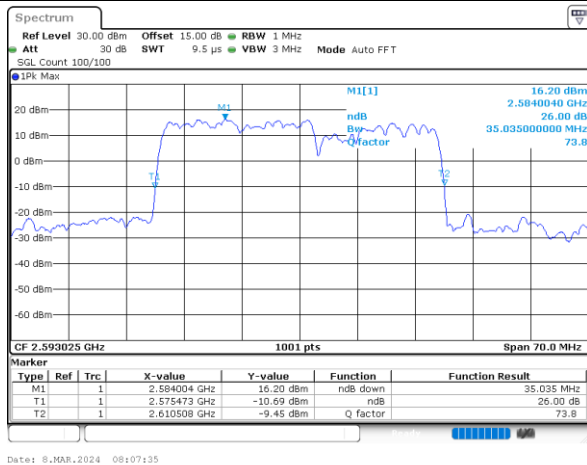
Middle Channel / 20MHz+5MHz



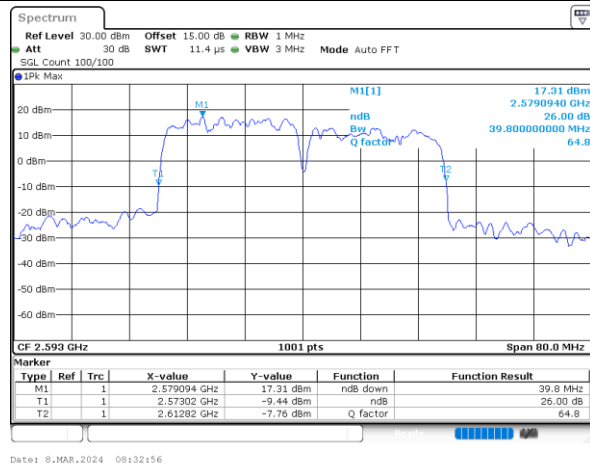
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



**Occupied Bandwidth**

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.88	23.33	27.93	23.38	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.01	23.28	27.93	32.87	37.48

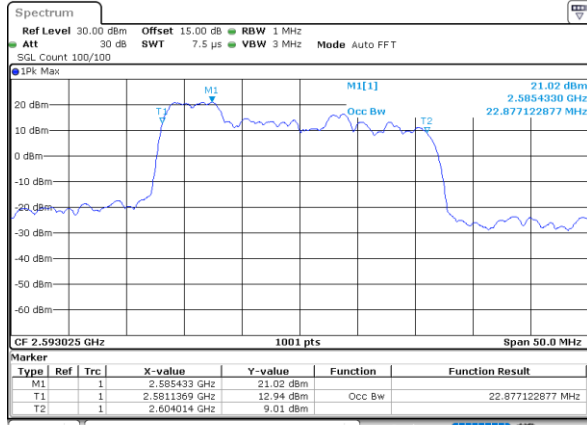
Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.93	23.43	28.11	23.28	28.77
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.73	23.33	27.99	32.66	37.80



LTE Band 41C

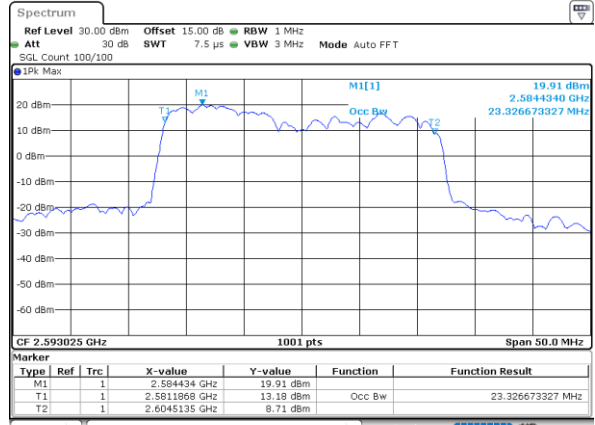
QPSK

Middle Channel / 5MHz+20MHz



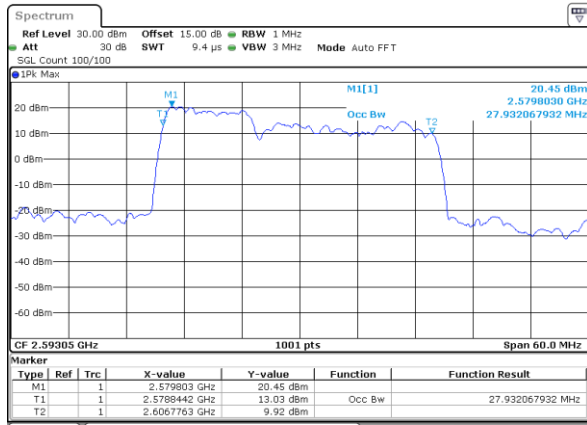
Date: 8.MAR.2024 04:03:02

Middle Channel / 10MHz+15MHz



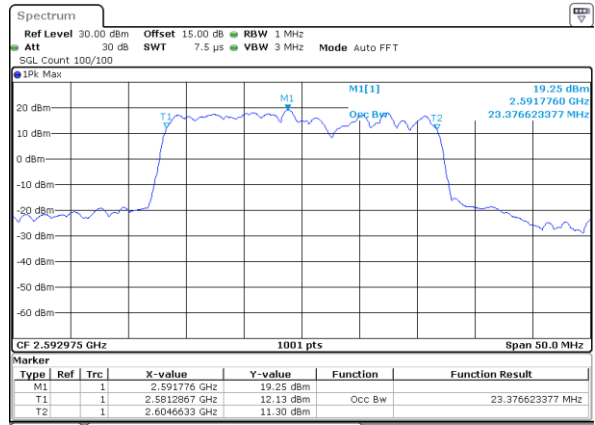
Date: 8.MAR.2024 04:57:08

Middle Channel / 10MHz+20MHz



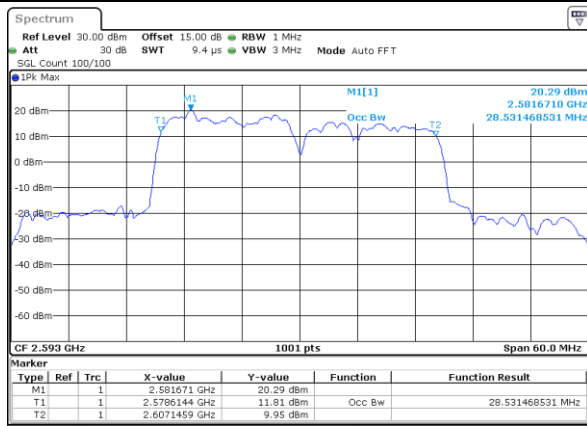
Date: 8.MAR.2024 05:50:43

Middle Channel / 15MHz+10MHz



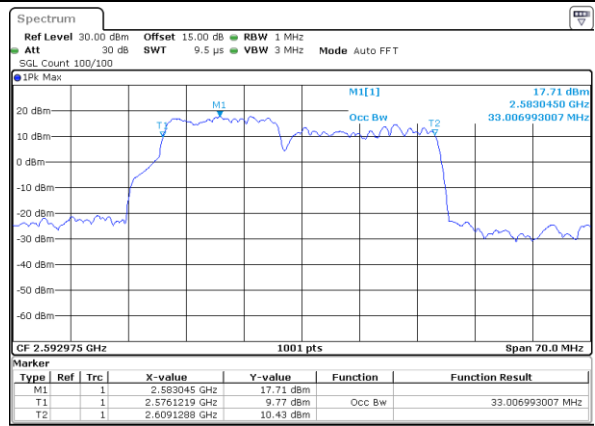
Date: 8.MAR.2024 05:14:08

Middle Channel / 15MHz+15MHz



Date: 8.MAR.2024 06:44:04

Middle Channel / 15MHz+20MHz



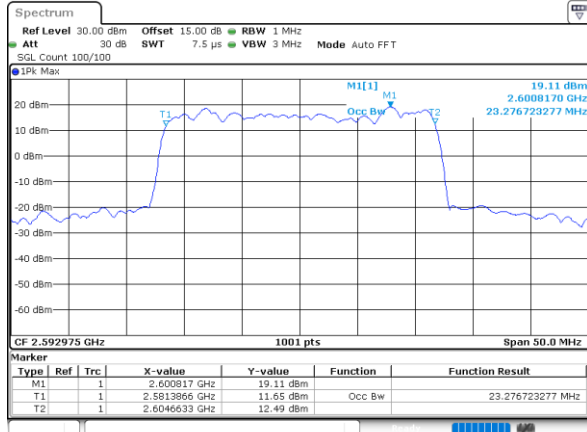
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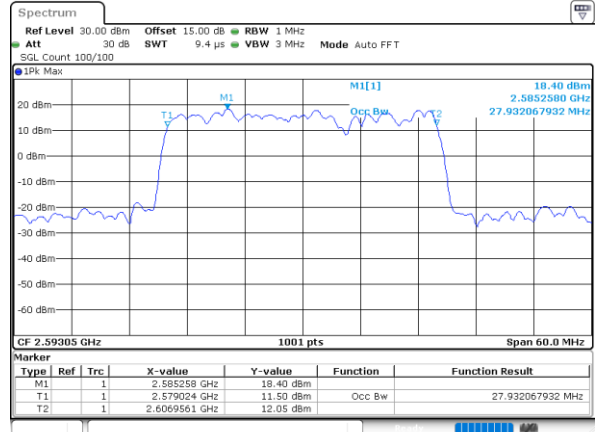
LTE Band 41C

QPSK

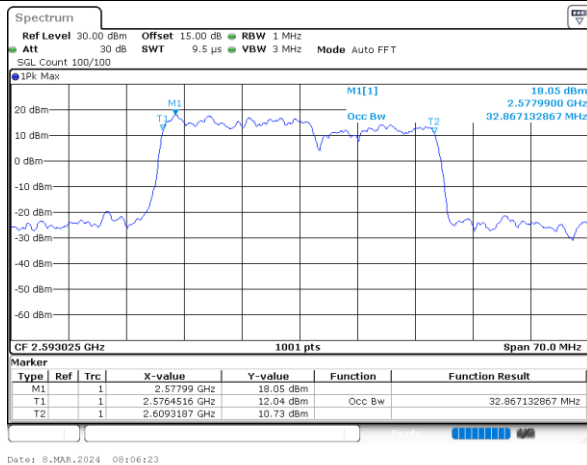
Middle Channel / 20MHz+5MHz



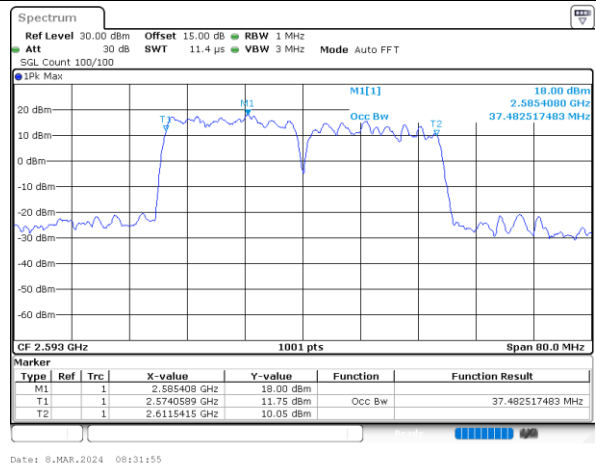
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

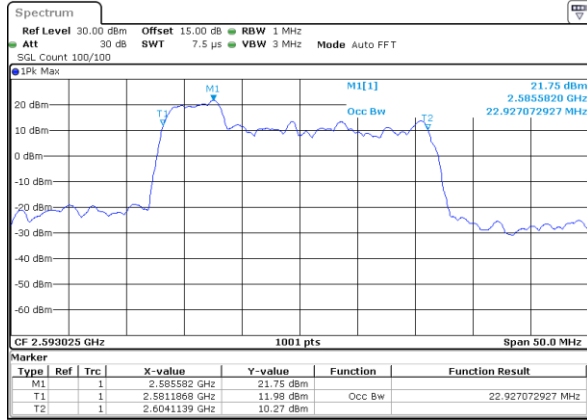




LTE Band 41C

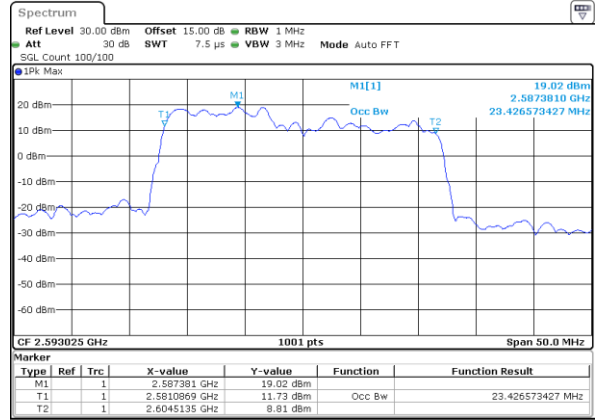
16QAM

Middle Channel / 5MHz+20MHz



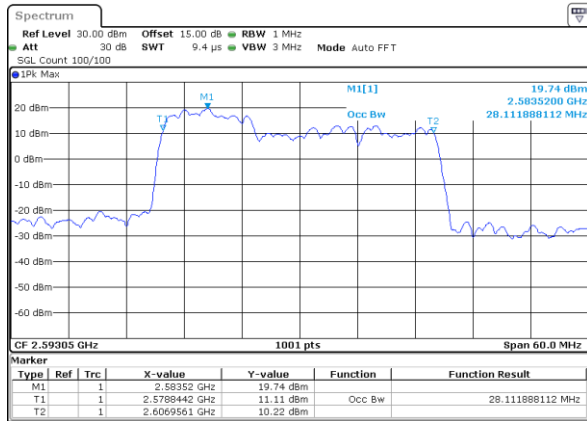
Date: 8.MAR.2024 04:04:50

Middle Channel / 10MHz+15MHz



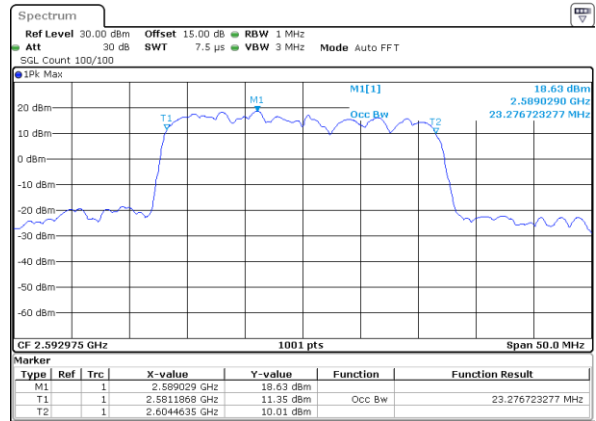
Date: 8.MAR.2024 04:59:12

Middle Channel / 10MHz+20MHz



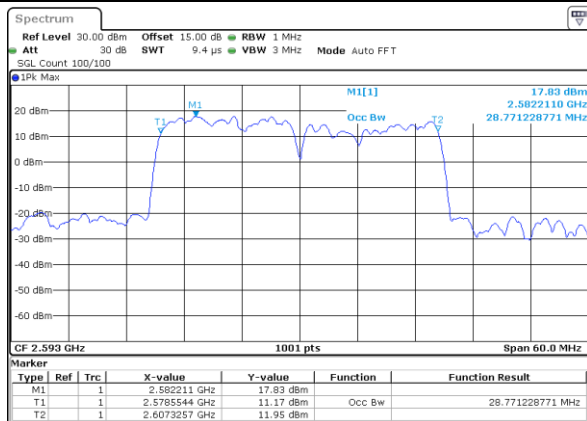
Date: 8.MAR.2024 05:52:47

Middle Channel / 15MHz+10MHz



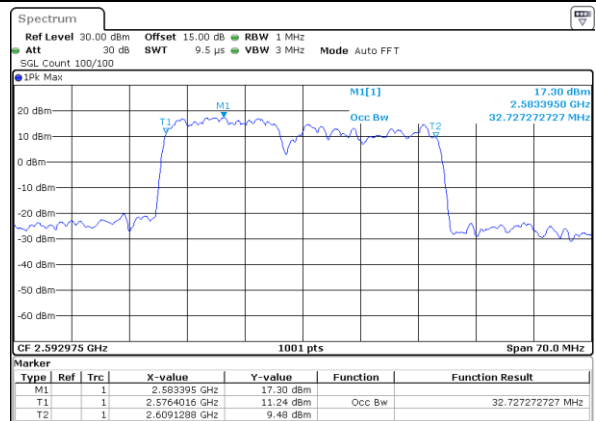
Date: 8.MAR.2024 05:26:06

Middle Channel / 15MHz+15MHz



Date: 8.MAR.2024 06:45:46

Middle Channel / 15MHz+20MHz



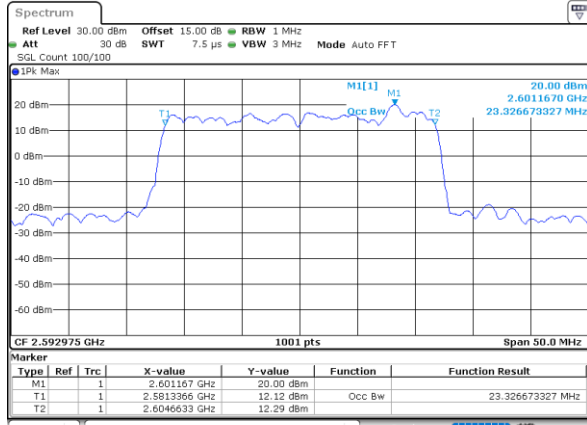
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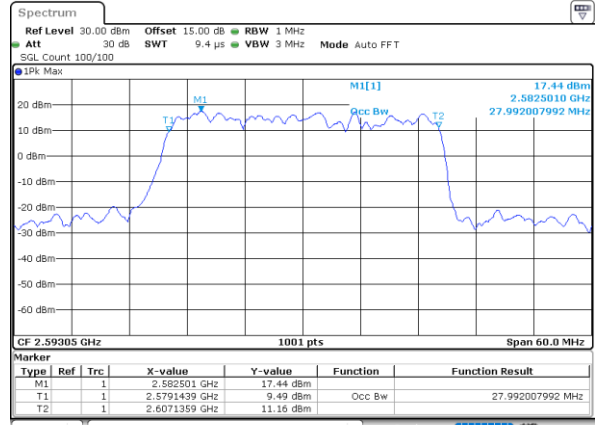
LTE Band 41C

16QAM

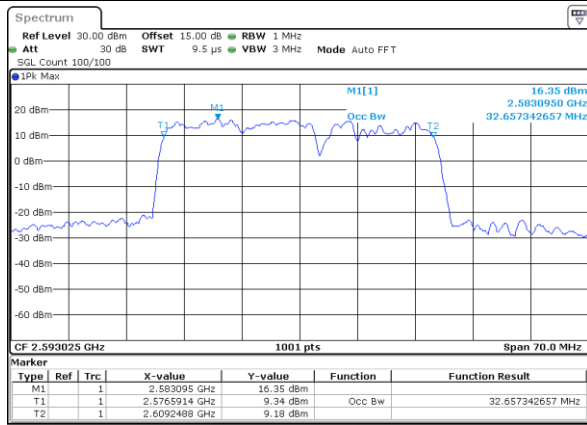
Middle Channel / 20MHz+5MHz



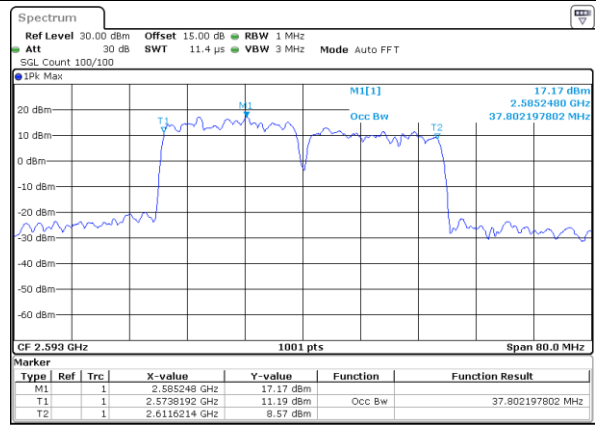
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



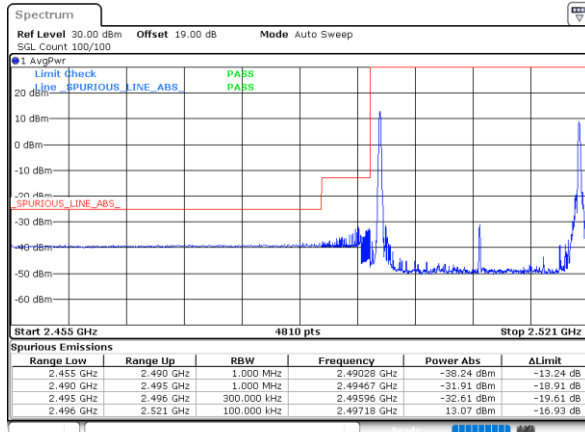


Conducted Band Edge

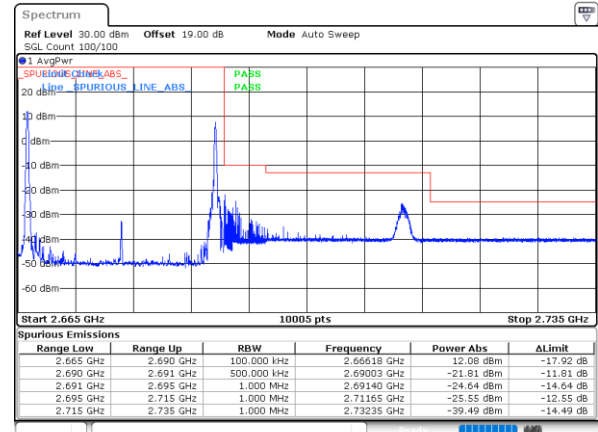
LTE Band 41C / 5MHz+20MHz

QPSK

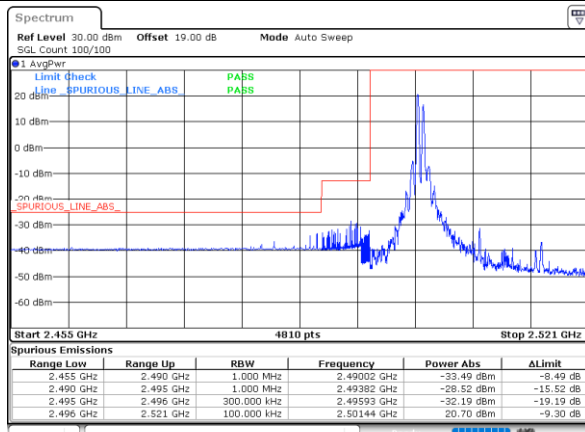
Lowest Band Edge / 1RB0 and 1RB99



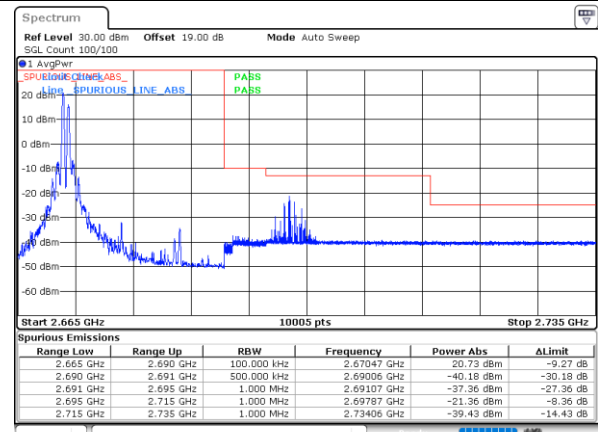
Highest Band Edge / 1RB0 and 1RB99



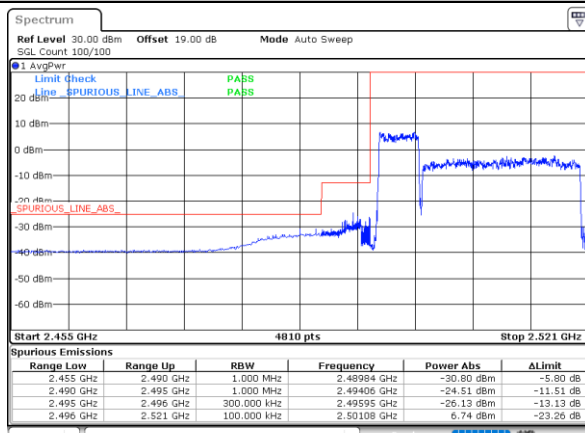
Lowest Band Edge / 1RB24 and 1RB0



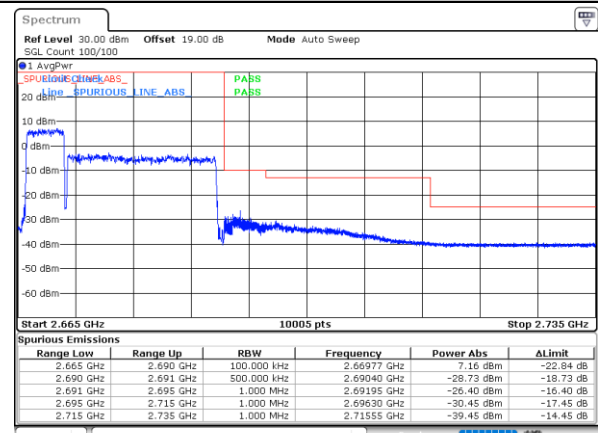
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

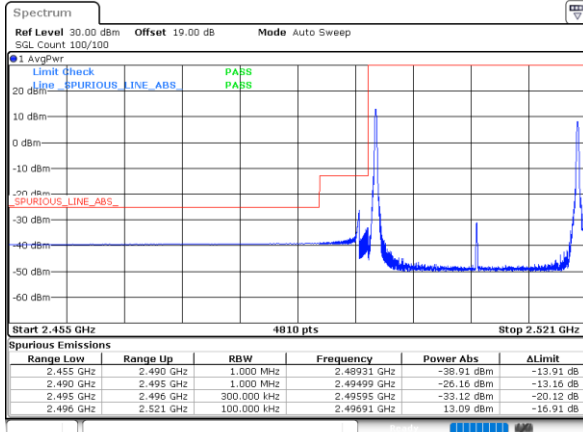




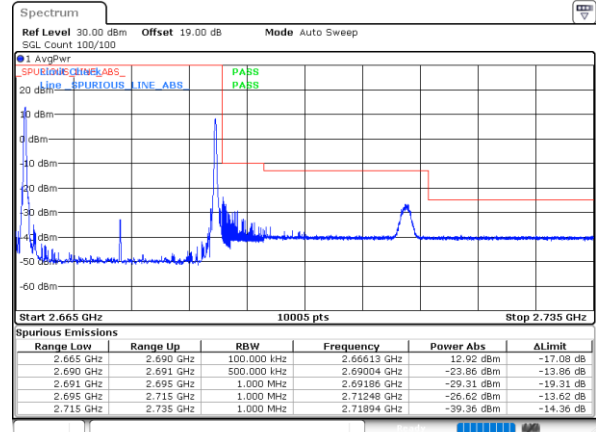
LTE Band 41C / 10MHz+15MHz

QPSK

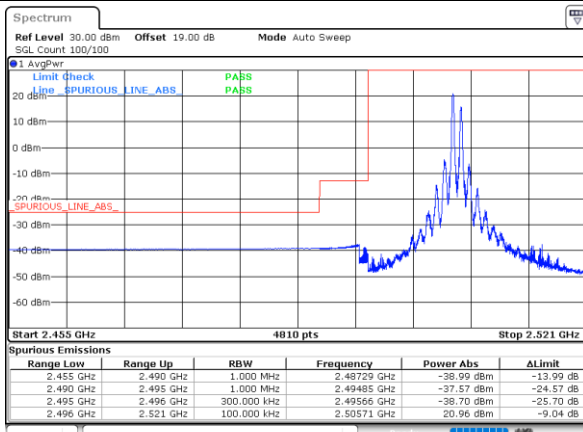
Lowest Band Edge / 1RB0 and 1RB74



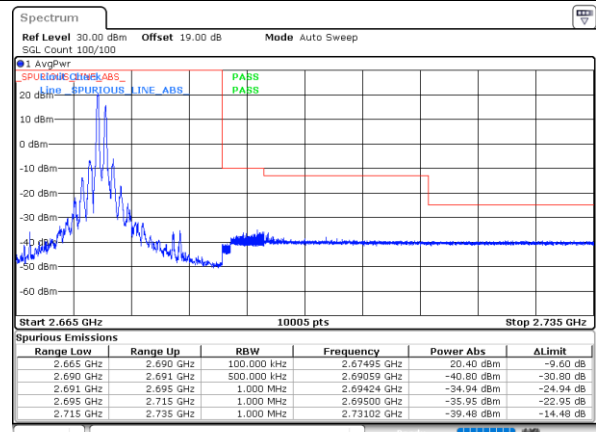
Highest Band Edge / 1RB0 and 1RB74



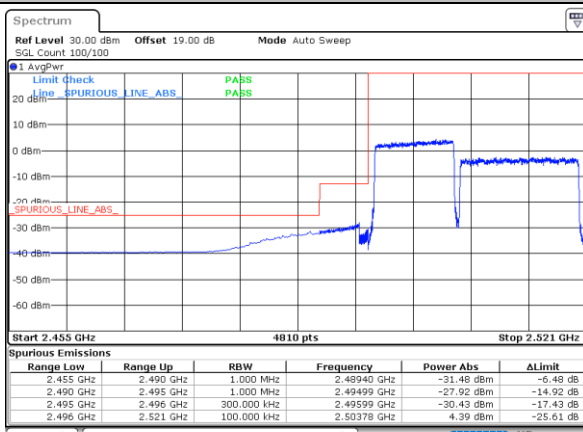
Lowest Band Edge / 1RB49 and 1RB0



Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

