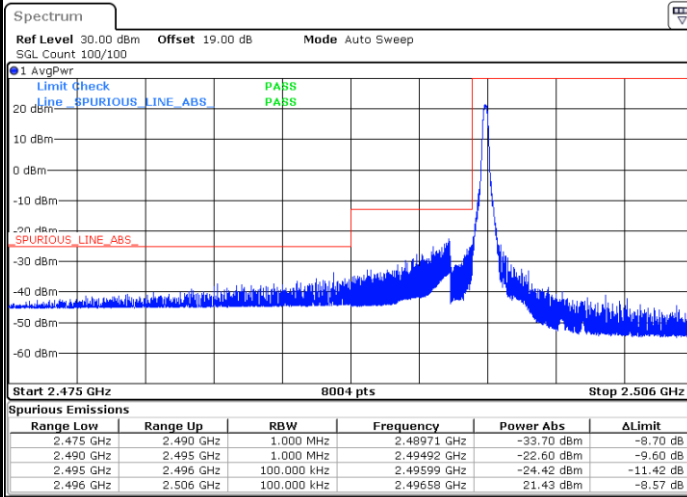




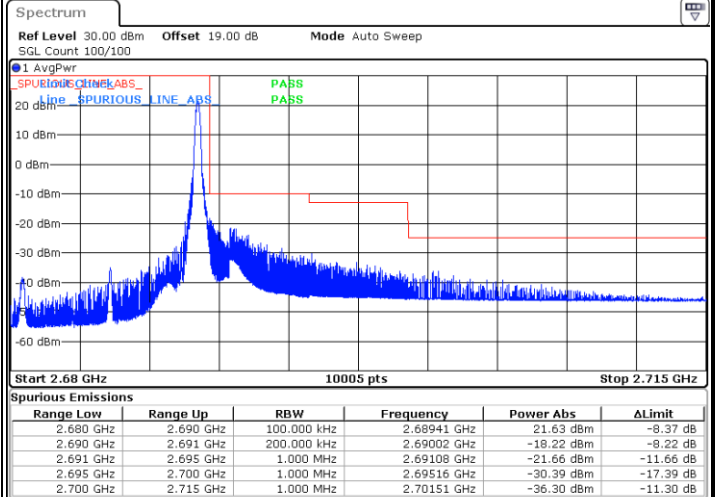
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



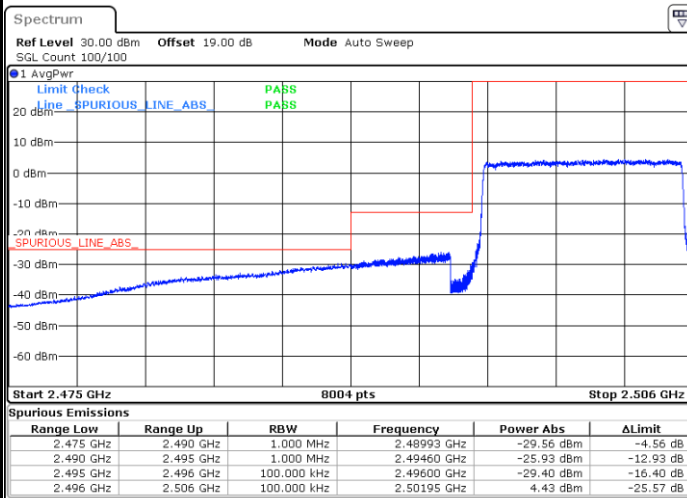
Date: 6.MAR.2024 14:41:37

Highest Band Edge / 1 RB



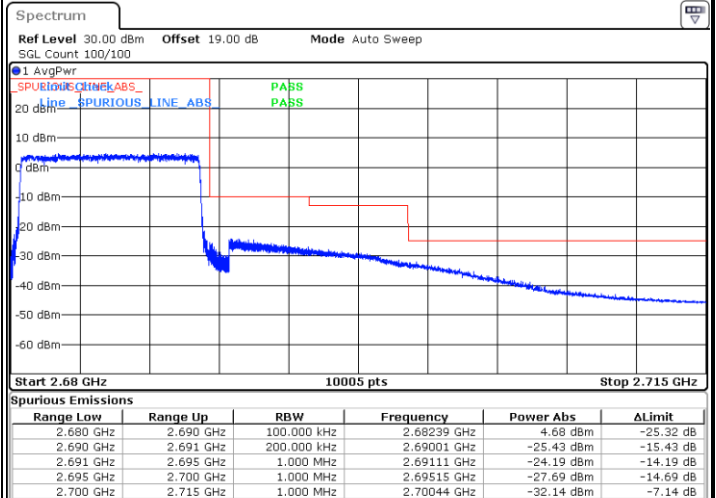
Date: 6.MAR.2024 14:51:24

Lowest Band Edge / Full RB



Date: 6.MAR.2024 14:42:38

Highest Band Edge / Full RB

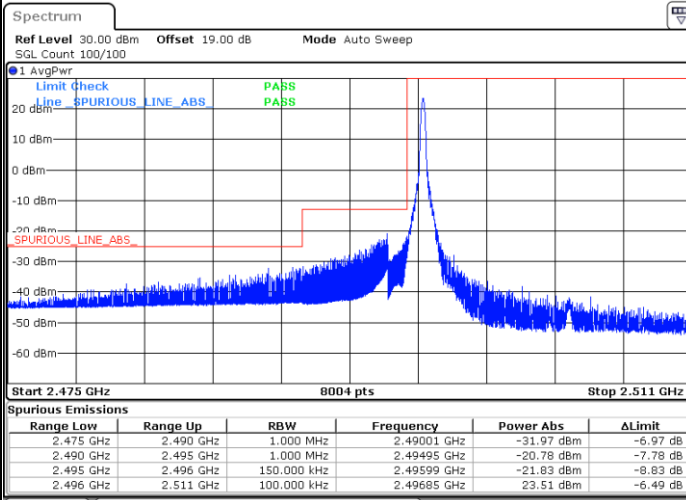


Date: 6.MAR.2024 14:52:25



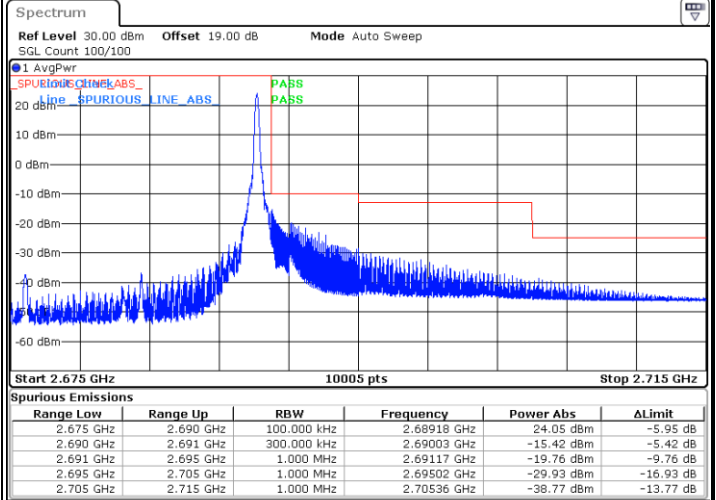
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



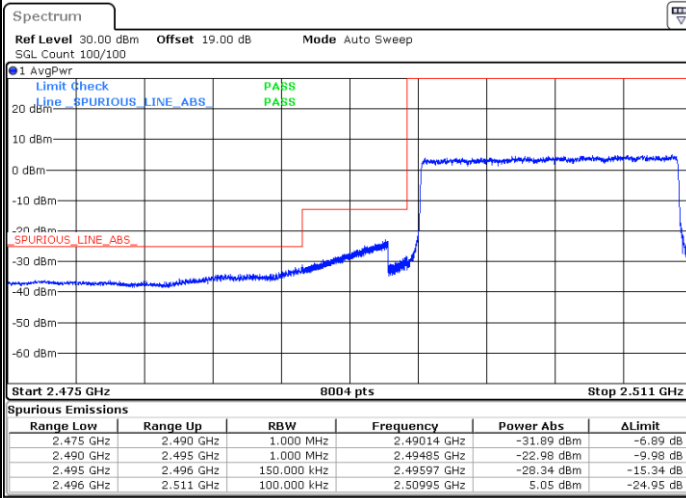
Date: 6.MAR.2024 14:57:21

Highest Band Edge / 1 RB



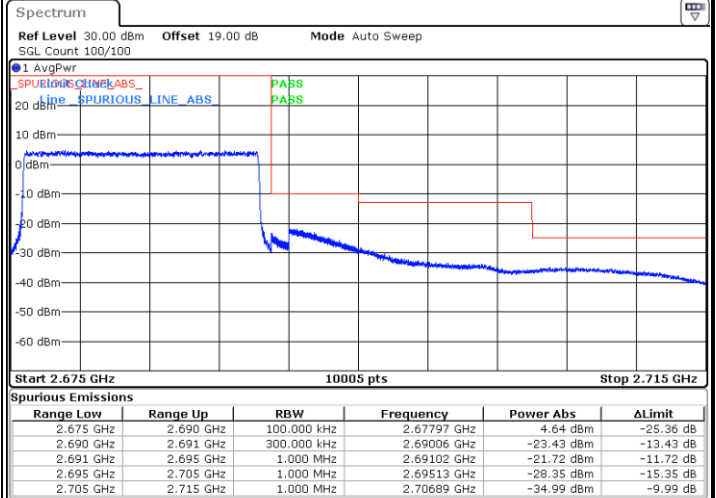
Date: 6.MAR.2024 15:07:09

Lowest Band Edge / Full RB



Date: 6.MAR.2024 15:02:29

Highest Band Edge / Full RB

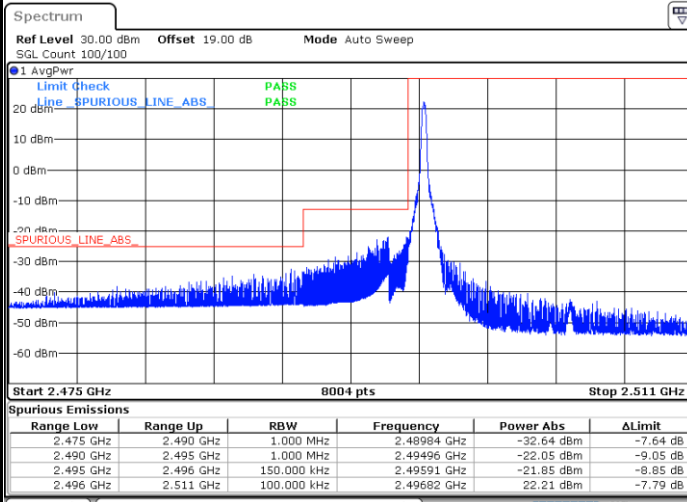


Date: 6.MAR.2024 15:12:16



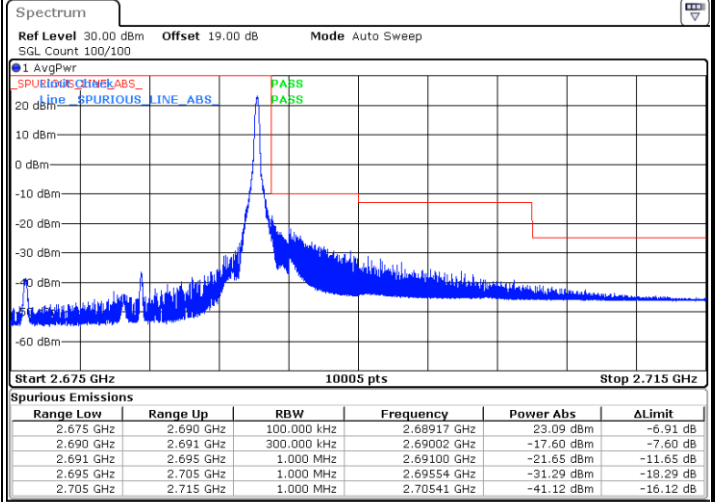
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



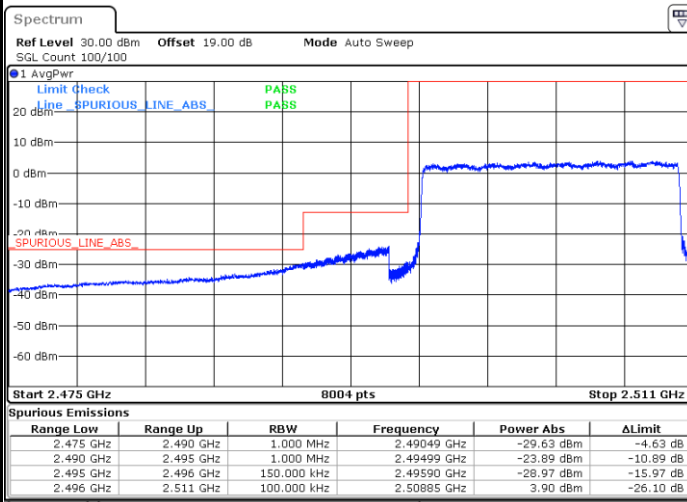
Date: 6.MAR.2024 14:58:23

Highest Band Edge / 1 RB



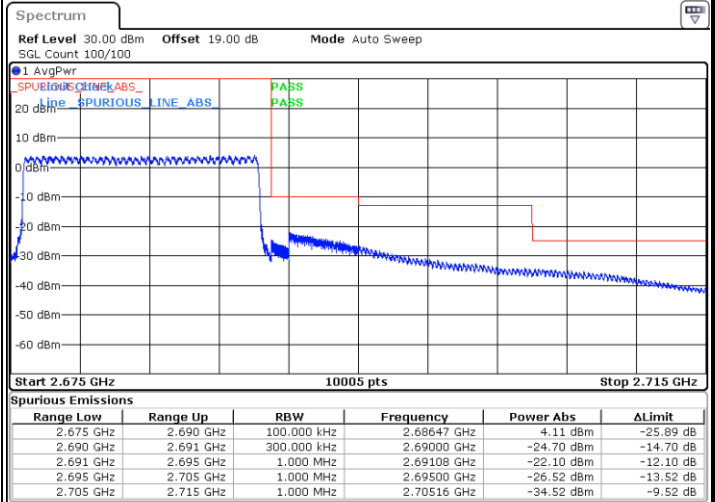
Date: 6.MAR.2024 15:08:11

Lowest Band Edge / Full RB



Date: 6.MAR.2024 15:01:27

Highest Band Edge / Full RB

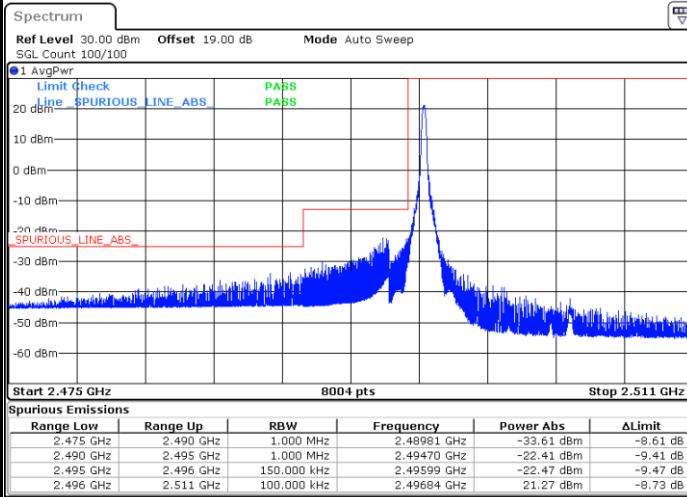


Date: 6.MAR.2024 15:11:14



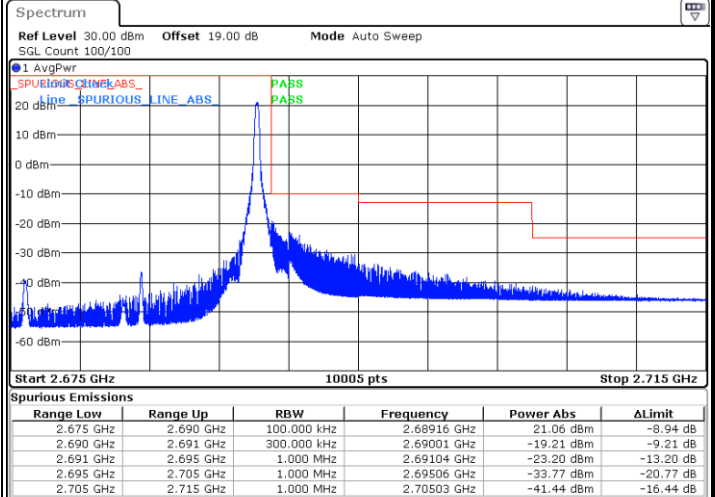
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



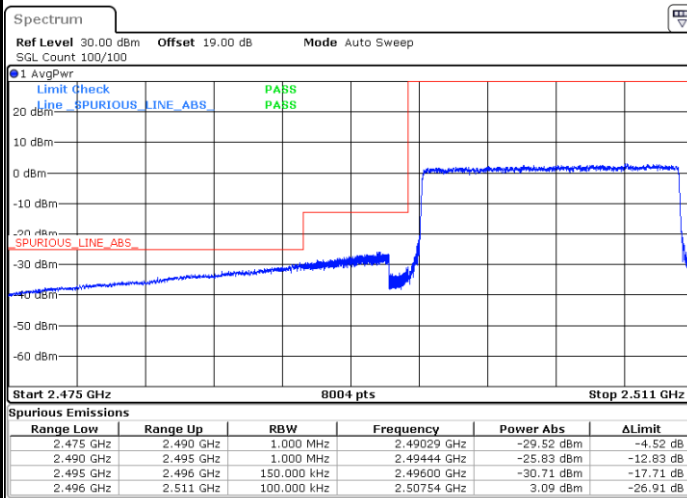
Date: 6.MAR.2024 14:59:24

Highest Band Edge / 1 RB



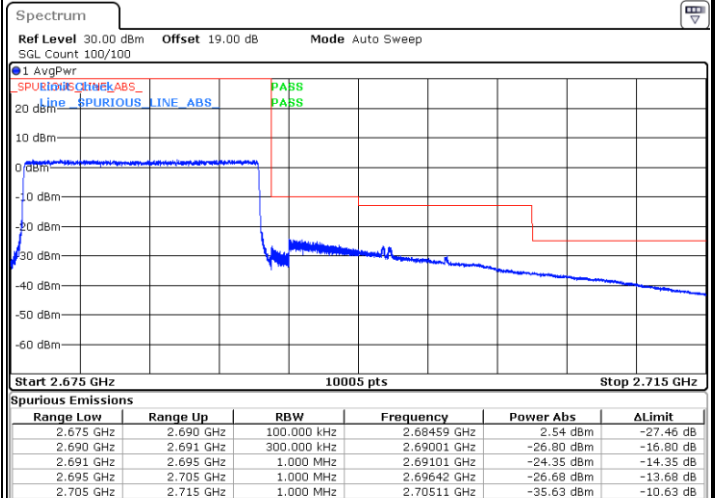
Date: 6.MAR.2024 15:09:12

Lowest Band Edge / Full RB



Date: 6.MAR.2024 15:00:26

Highest Band Edge / Full RB

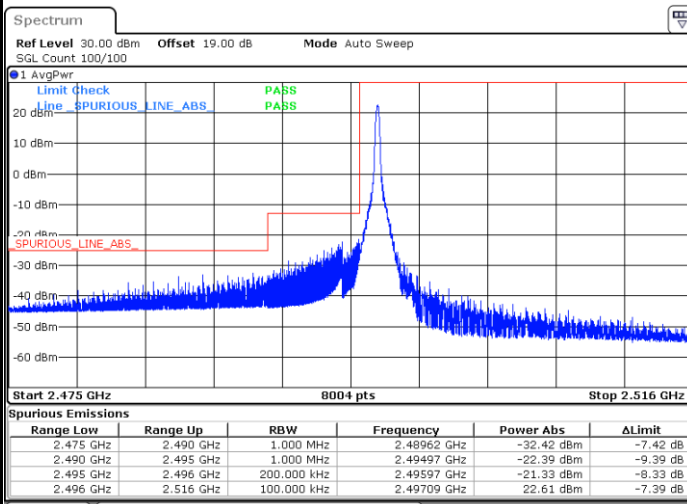


Date: 6.MAR.2024 15:10:13



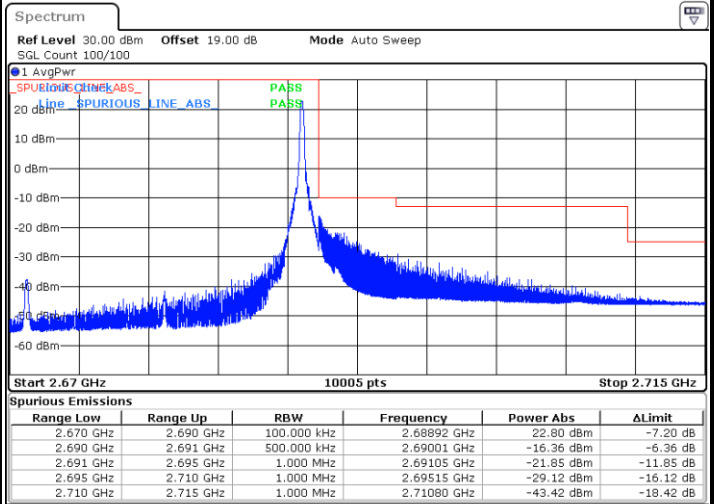
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



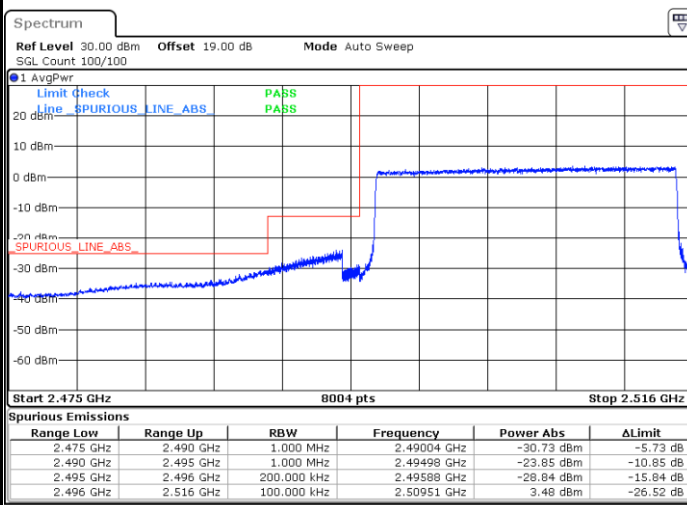
Date: 6.MAR.2024 15:15:11

Highest Band Edge / 1 RB



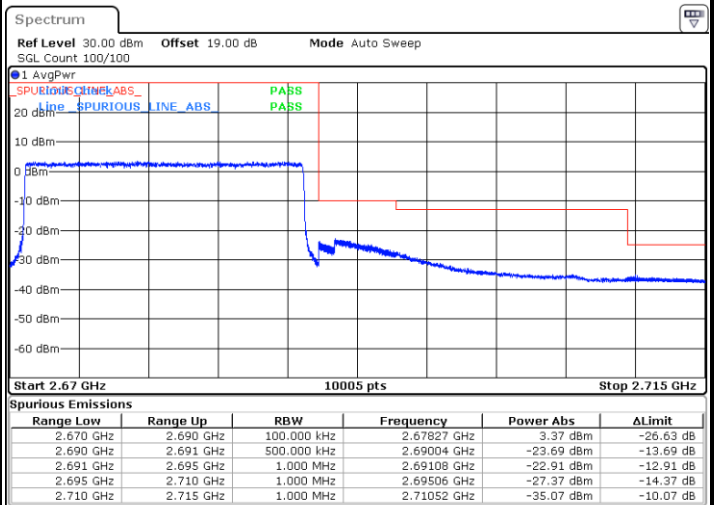
Date: 6.MAR.2024 15:26:19

Lowest Band Edge / Full RB



Date: 6.MAR.2024 15:20:18

Highest Band Edge / Full RB



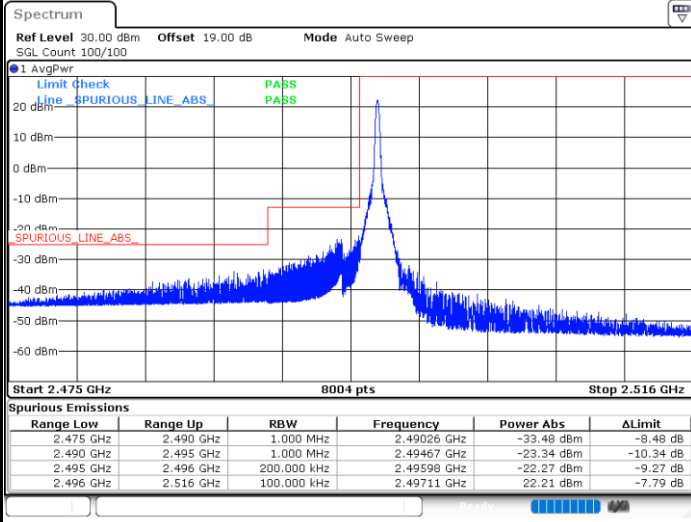
Date: 6.MAR.2024 15:31:25



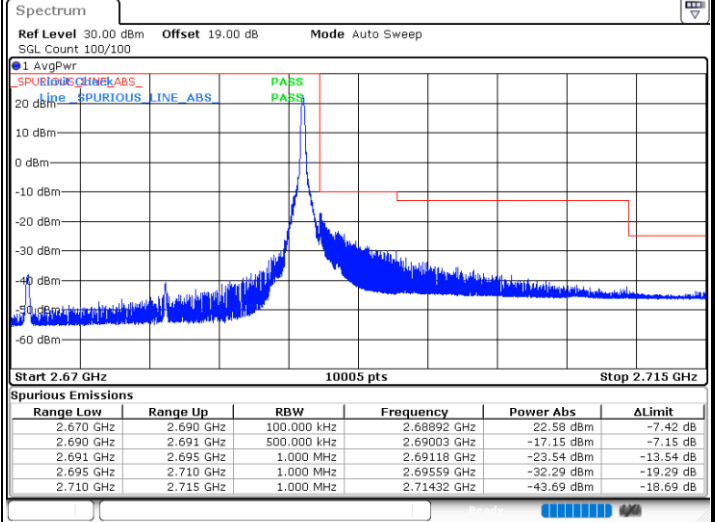
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



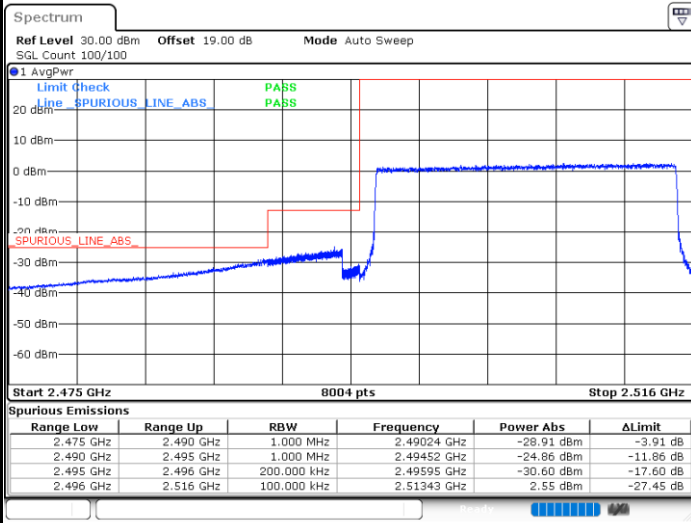
Date: 6.MAR.2024 15:16:12



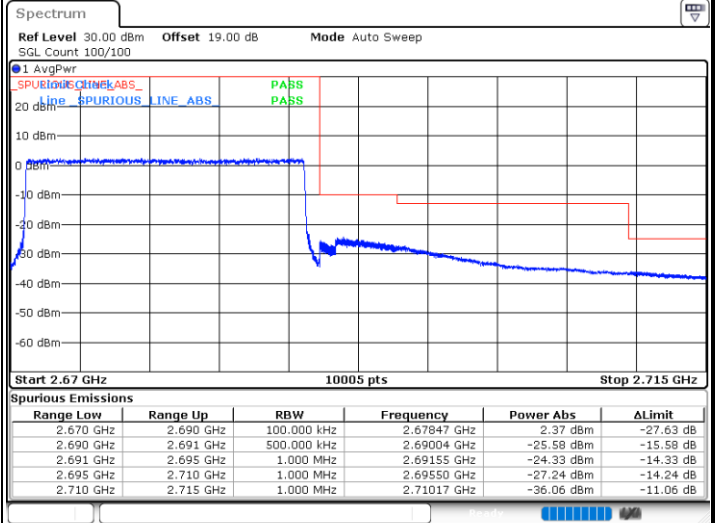
Date: 6.MAR.2024 15:27:20

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 6.MAR.2024 15:19:16

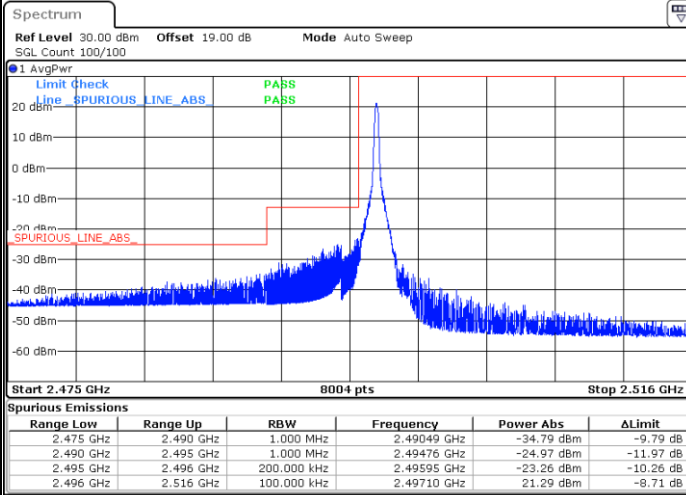


Date: 6.MAR.2024 15:30:23



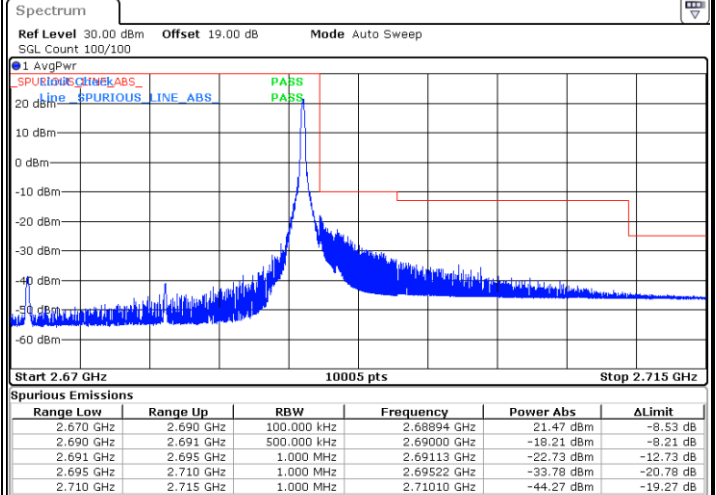
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



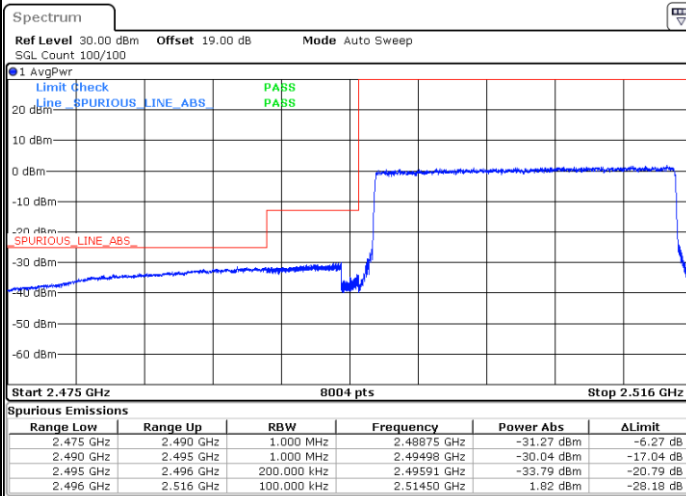
Date: 6.MAR.2024 15:17:13

Highest Band Edge / 1 RB



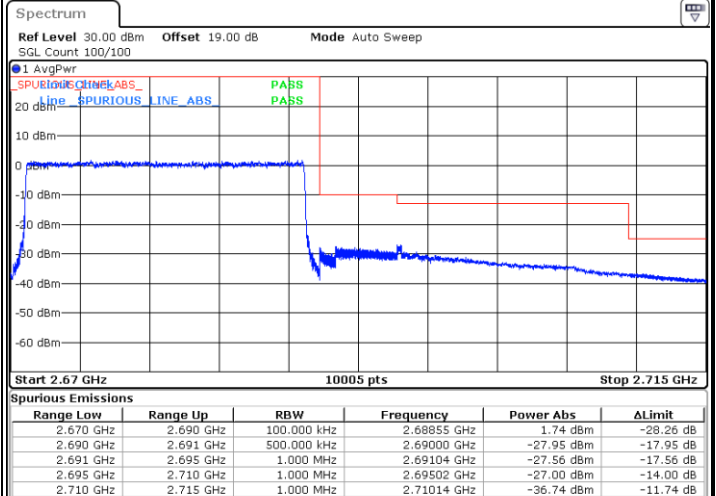
Date: 6.MAR.2024 15:28:21

Lowest Band Edge / Full RB



Date: 6.MAR.2024 15:18:15

Highest Band Edge / Full RB



Date: 6.MAR.2024 15:29:22

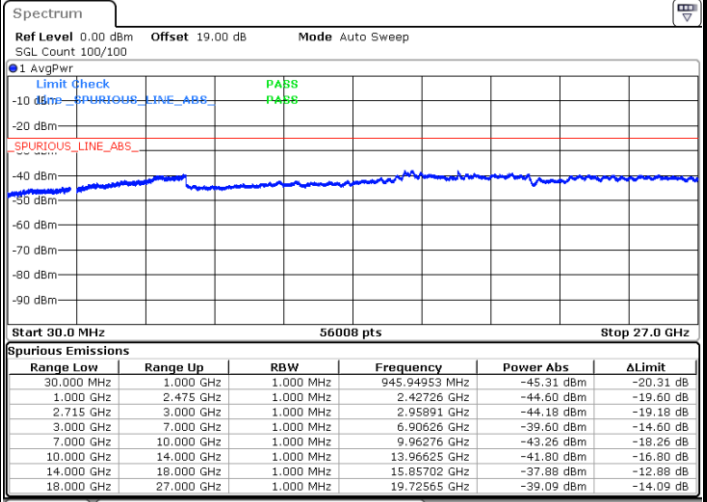
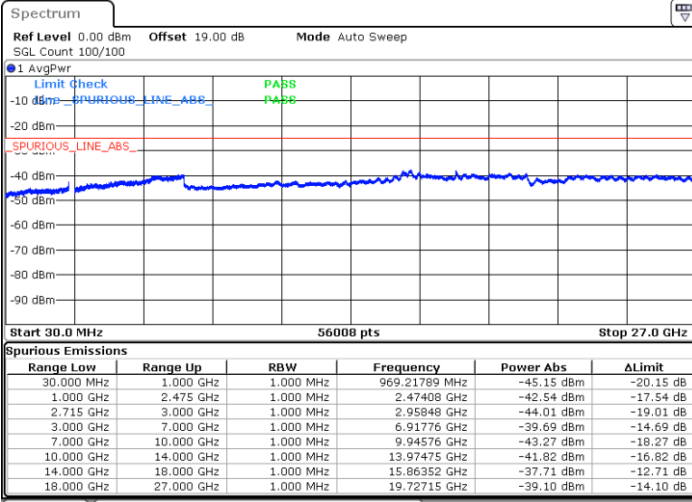


# Conducted Spurious Emission

## LTE Band 41 / 5MHz

### Lowest Channel / QPSK

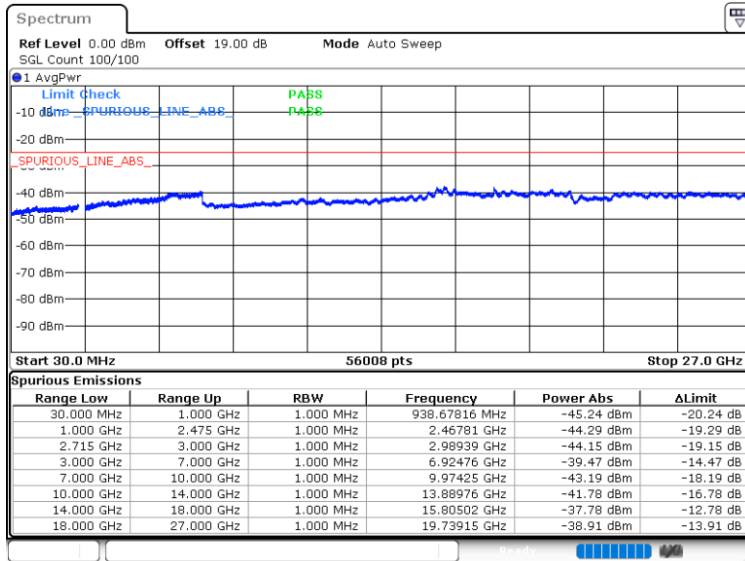
### Middle Channel / QPSK



Date: 6.MAR.2024 14:27:35

Date: 6.MAR.2024 14:28:45

### Highest Channel / QPSK



Date: 6.MAR.2024 14:37:49

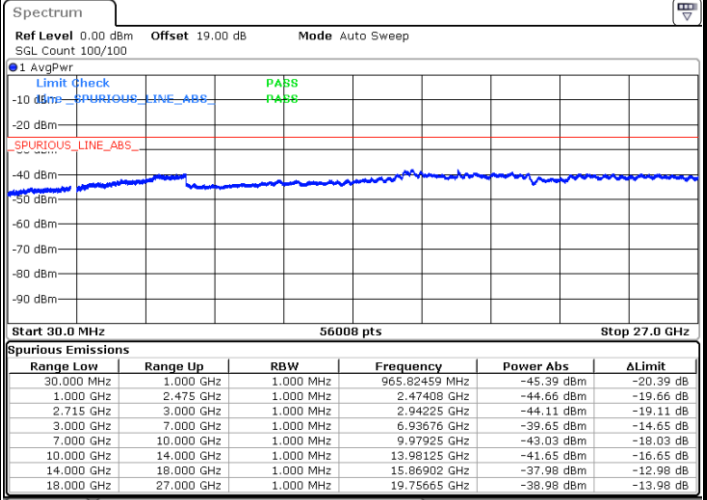
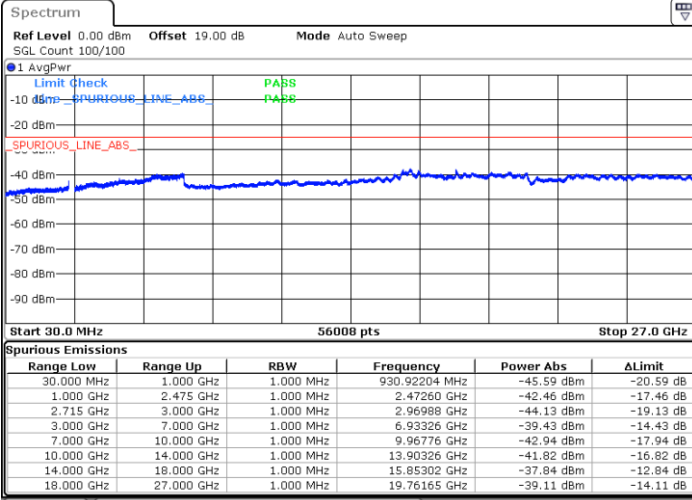




LTE Band 41 / 10MHz

Lowest Channel / QPSK

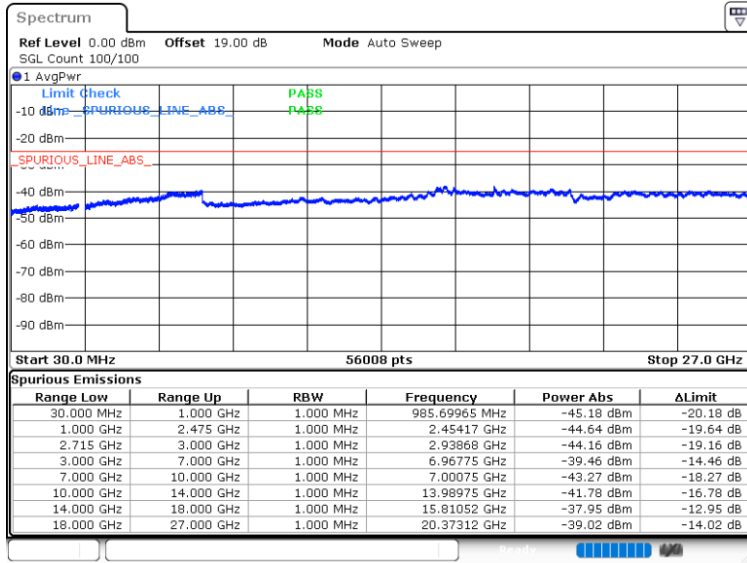
Middle Channel / QPSK



Date: 6.MAR.2024 14:45:52

Date: 6.MAR.2024 14:47:02

Highest Channel / QPSK



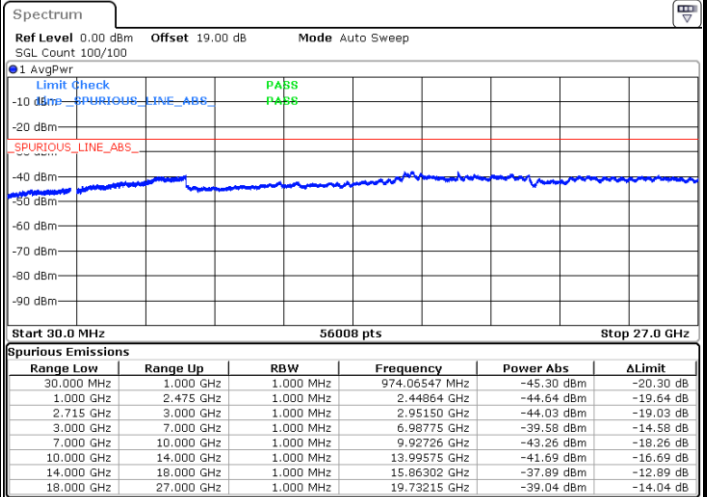
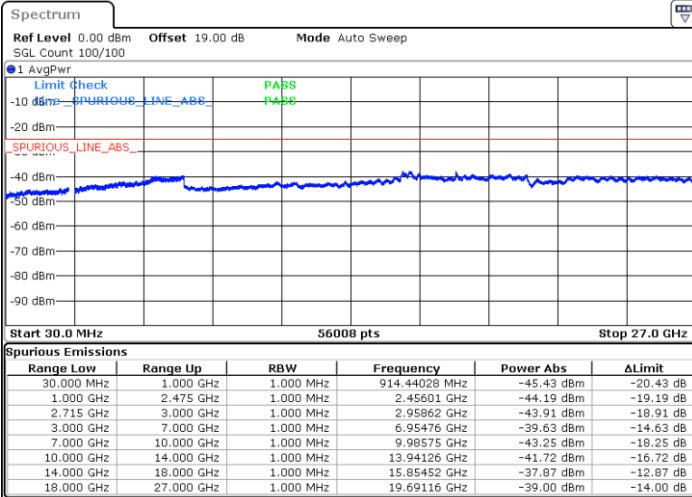
Date: 6.MAR.2024 14:55:38



LTE Band 41 / 15MHz

Lowest Channel / QPSK

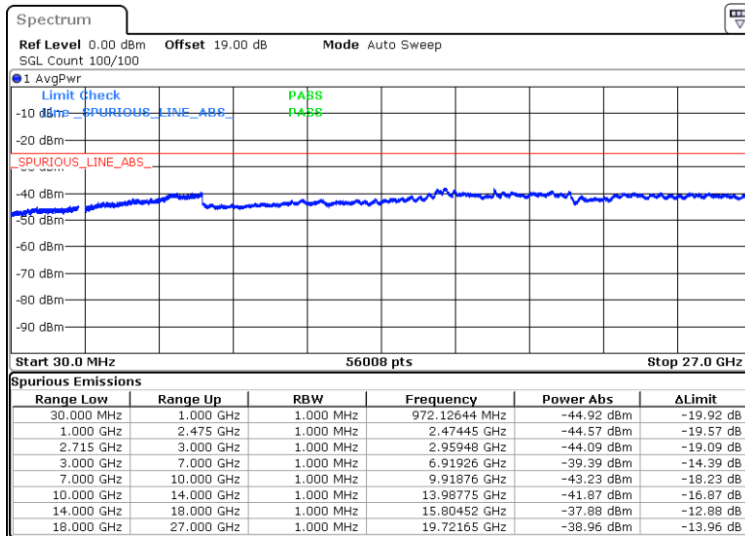
Middle Channel / QPSK



Date: 6.MAR.2024 15:03:39

Date: 6.MAR.2024 15:04:49

Highest Channel / QPSK



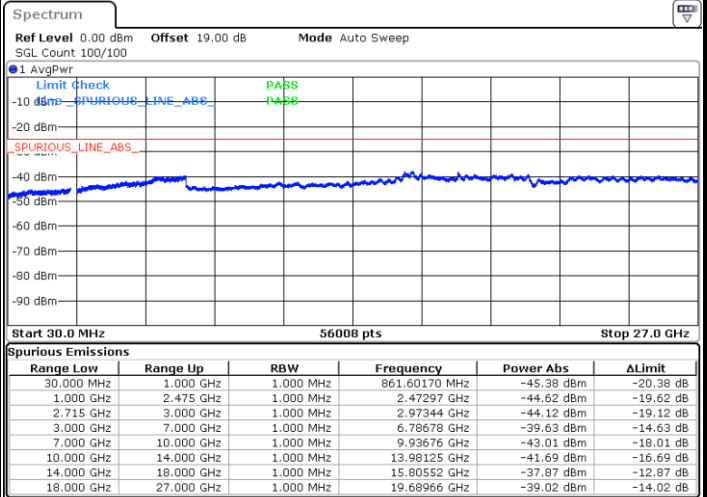
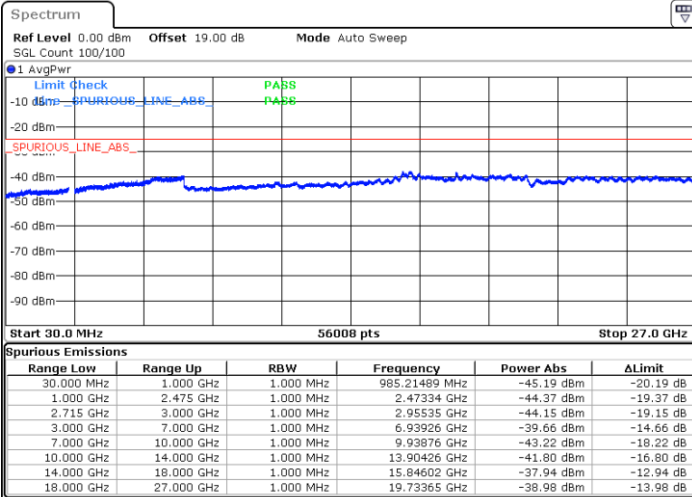
Date: 6.MAR.2024 15:13:26



LTE Band 41 / 20MHz

Lowest Channel / QPSK

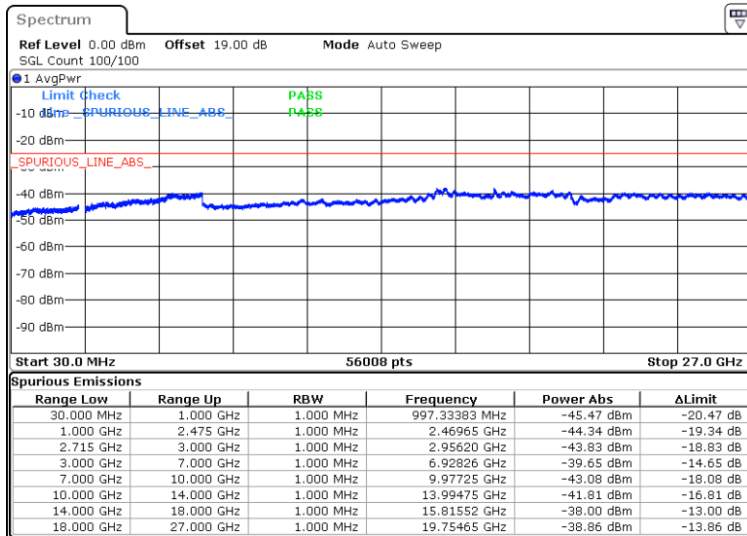
Middle Channel / QPSK



Date: 6.MAR.2024 15:21:28

Date: 6.MAR.2024 15:22:38

Highest Channel / QPSK



Date: 6.MAR.2024 15:32:35



### 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	0.0011	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0006	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0010	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

**Note:**

1. Normal Voltage = 3.89 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 41(other PA)

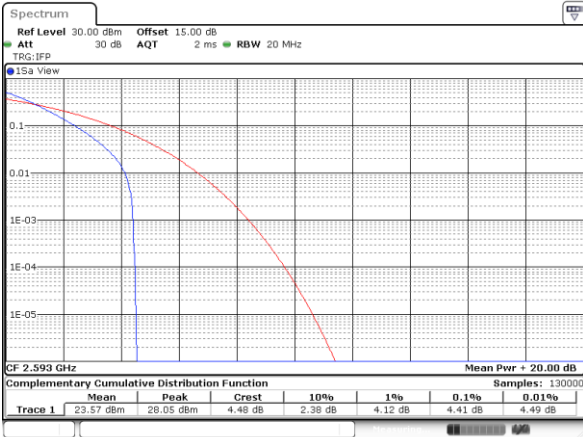
### Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.41	5.59	6.32	<b>PASS</b>



LTE Band 41 / 20MHz / QPSK

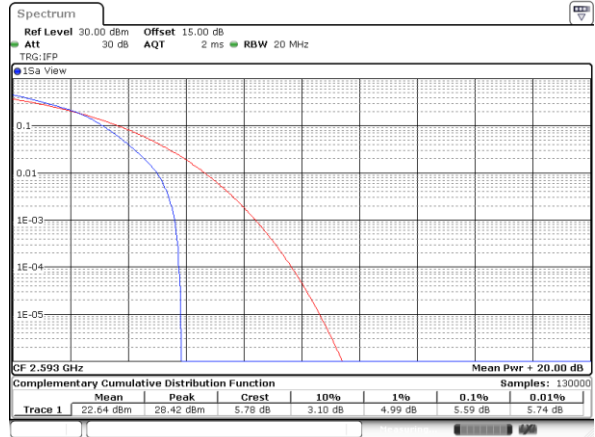
Middle Channel / Full RB



Date: 8.MAR.2024 07:11:06

LTE Band 41 / 20MHz / 16QAM

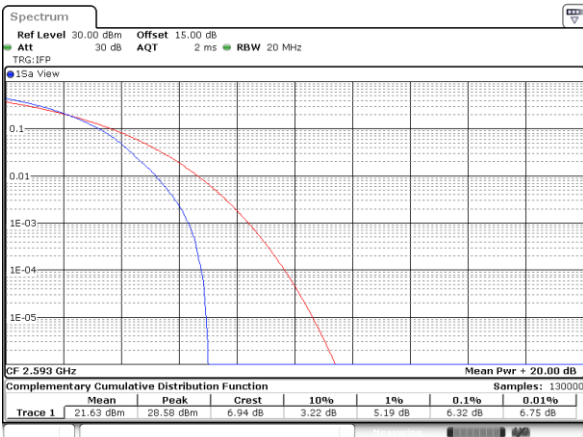
Middle Channel / Full RB



Date: 8.MAR.2024 07:11:33

LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 8.MAR.2024 07:12:00



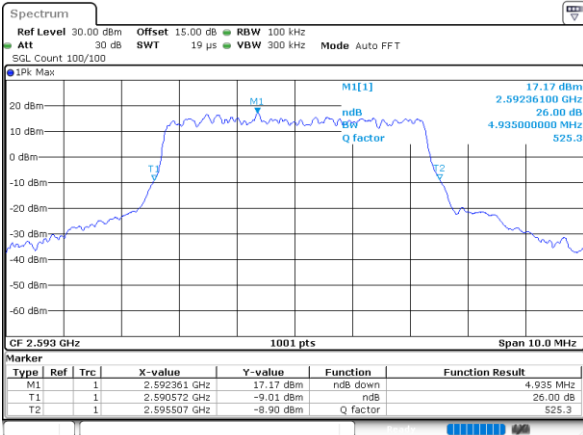
## 26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.94	5.11	9.63	9.63	14.24	14.27	19.14	18.78



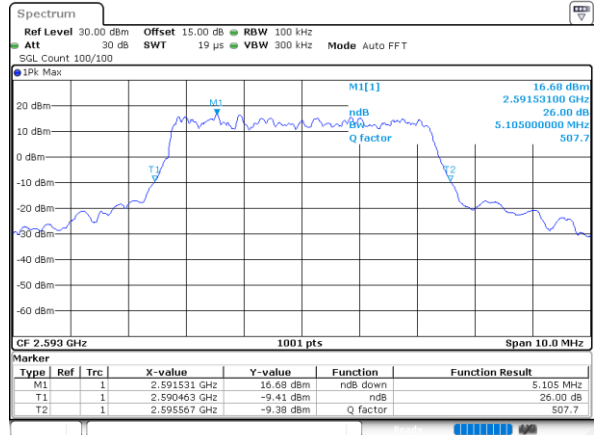
LTE Band 41

Middle Channel / 5MHz / QPSK



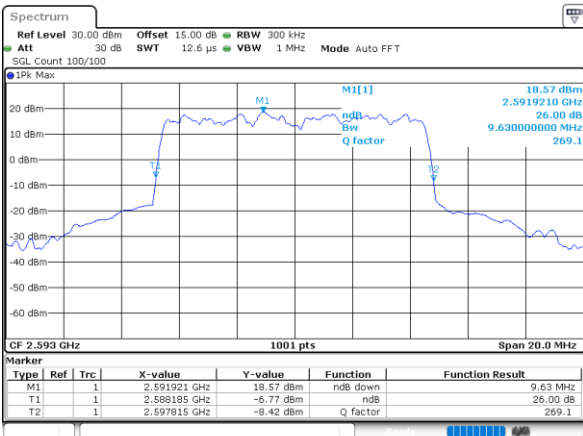
Date: 8,MAR,2024 06:15:48

Middle Channel / 5MHz / 16QAM



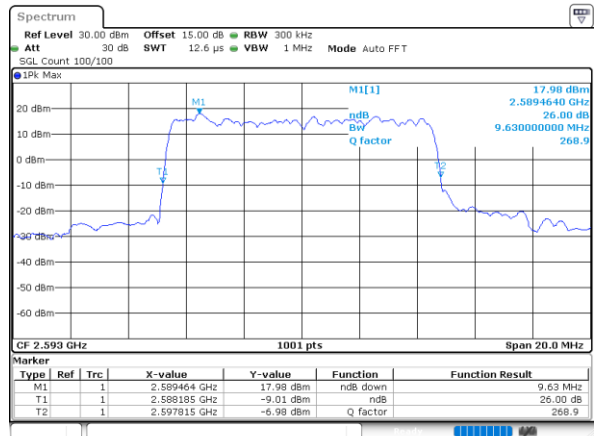
Date: 8,MAR,2024 06:16:27

Middle Channel / 10MHz / QPSK



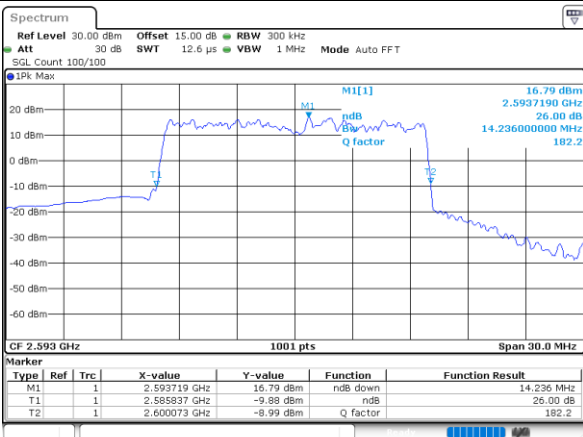
Date: 8,MAR,2024 06:13:33

Middle Channel / 10MHz / 16QAM



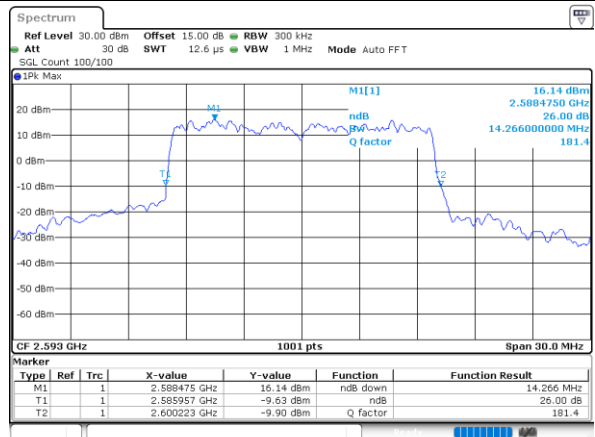
Date: 8,MAR,2024 06:13:13

Middle Channel / 15MHz / QPSK



Date: 8,MAR,2024 06:15:16

Middle Channel / 15MHz / 16QAM



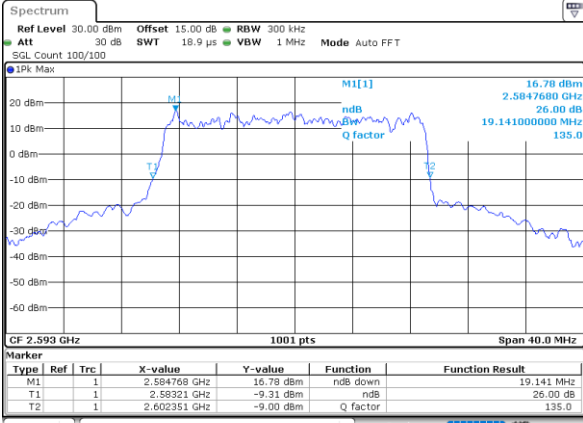
Date: 8,MAR,2024 06:15:26





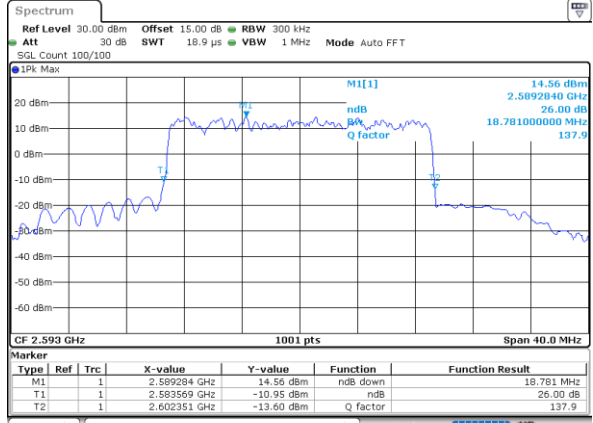
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 8.MAR.2024 07:11:00

Middle Channel / 20MHz / 16QAM



Date: 8.MAR.2024 07:10:39



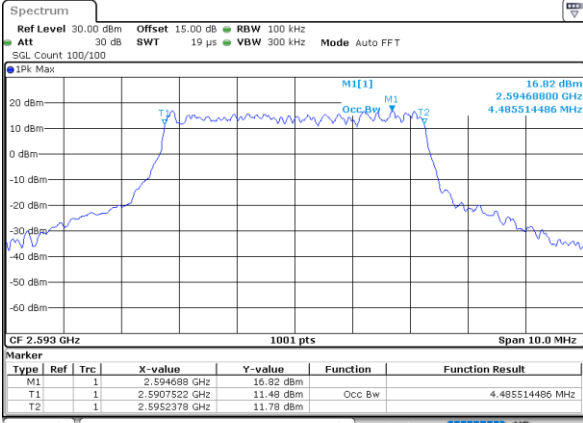
### Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.49	4.51	9.05	9.07	13.52	13.43	17.94	17.82



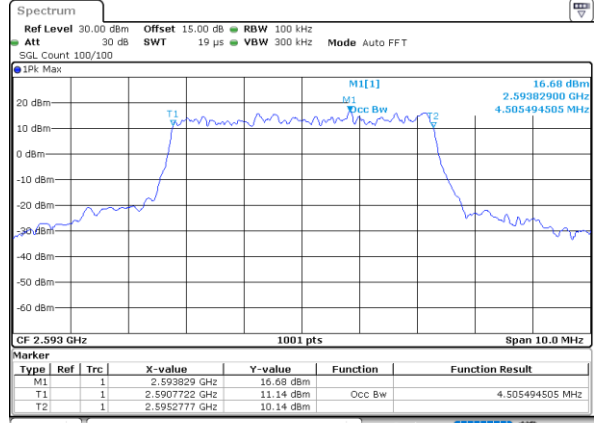
LTE Band 41

Middle Channel / 5MHz / QPSK



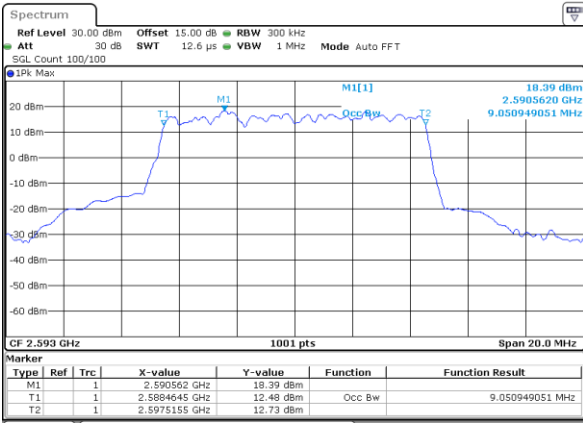
Date: 8\_MAR\_2024 06:15:34

Middle Channel / 5MHz / 16QAM



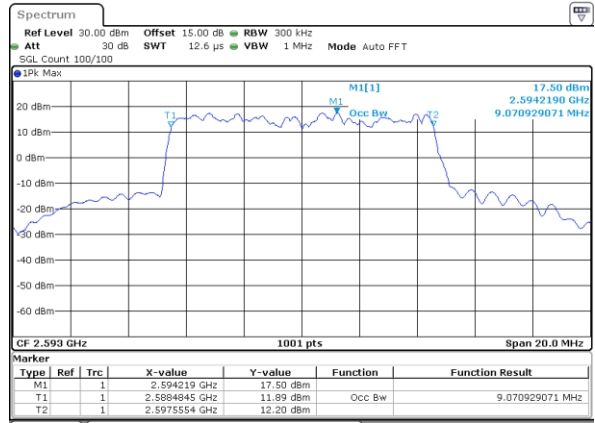
Date: 8\_MAR\_2024 06:16:13

Middle Channel / 10MHz / QPSK



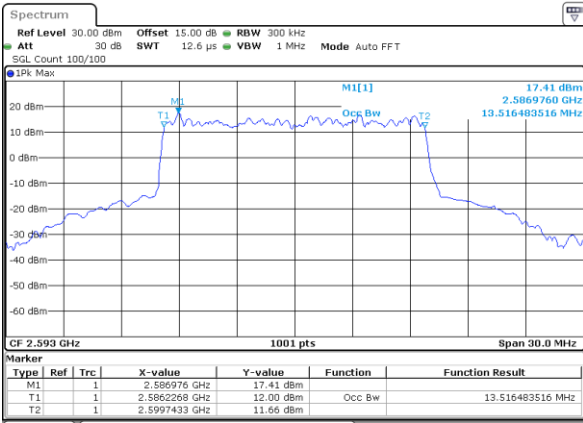
Date: 8\_MAR\_2024 06:13:19

Middle Channel / 10MHz / 16QAM



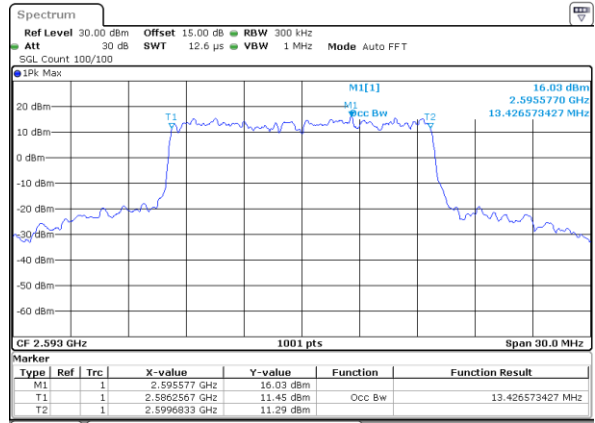
Date: 8\_MAR\_2024 06:13:59

Middle Channel / 15MHz / QPSK



Date: 8\_MAR\_2024 06:15:02

Middle Channel / 15MHz / 16QAM

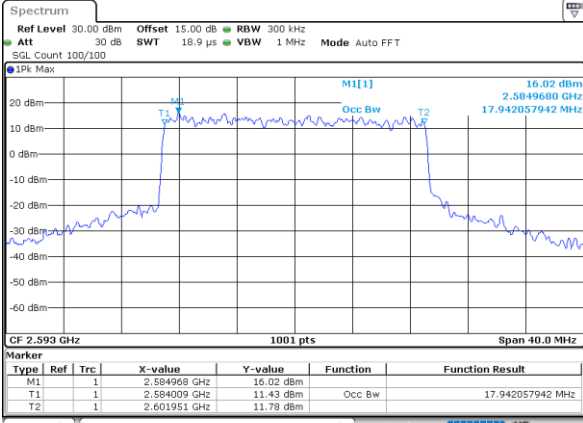


Date: 8\_MAR\_2024 06:15:42



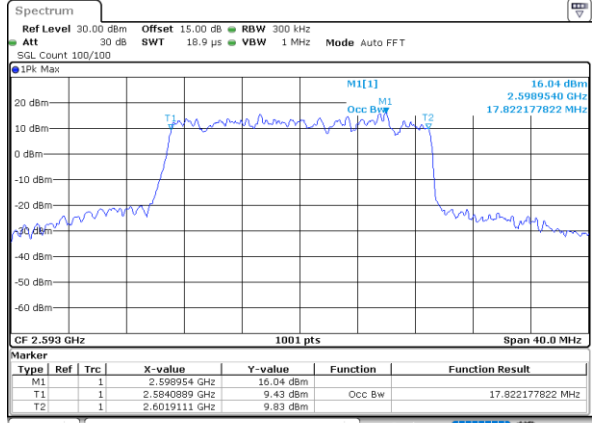
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 8.MAR.2024 07:10:46

Middle Channel / 20MHz / 16QAM



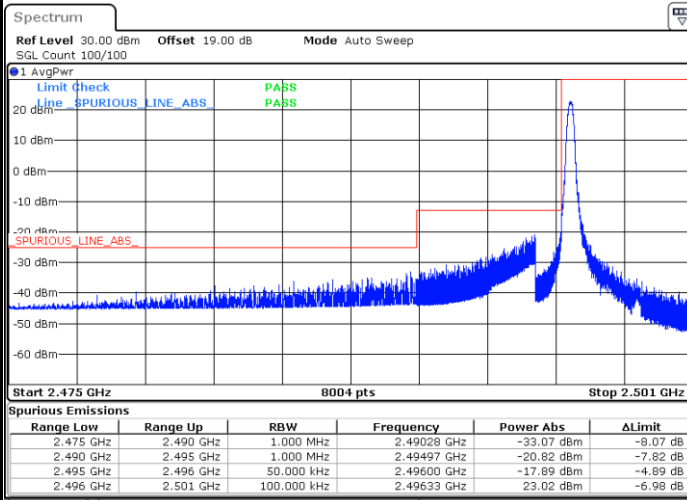
Date: 8.MAR.2024 07:10:25



# Conducted Band Edge

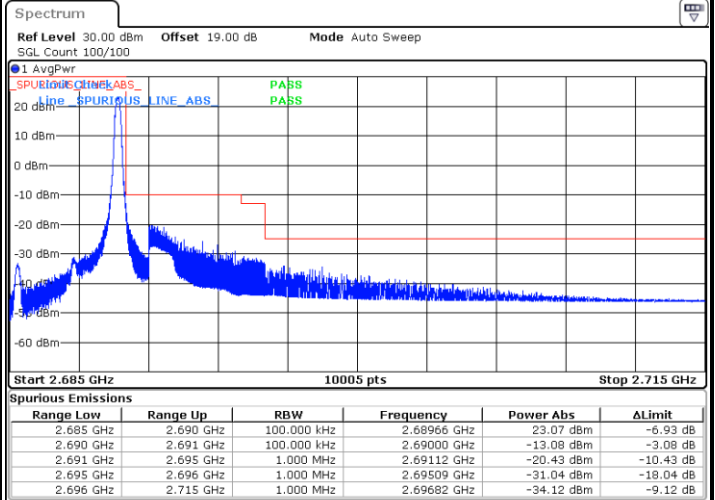
## LTE Band 41 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



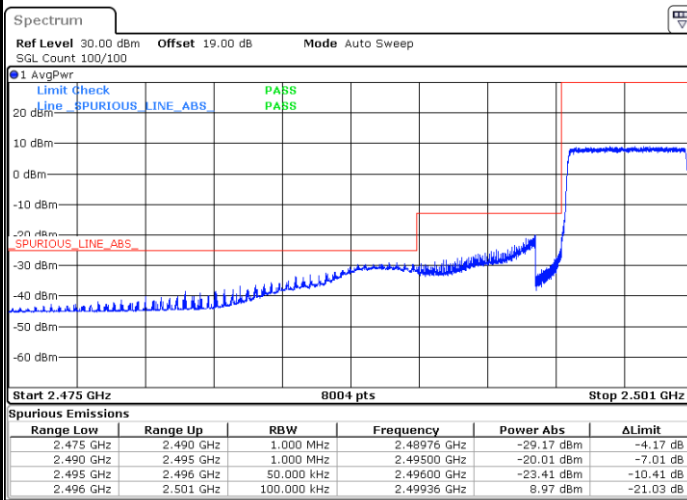
Date: 8.MAR.2024 06:07:40

### Highest Band Edge / 1 RB



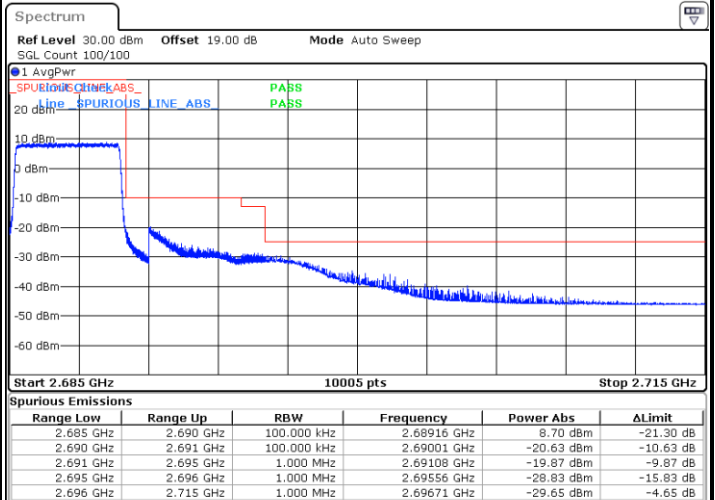
Date: 8.MAR.2024 06:17:30

### Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:12:47

### Highest Band Edge / Full RB

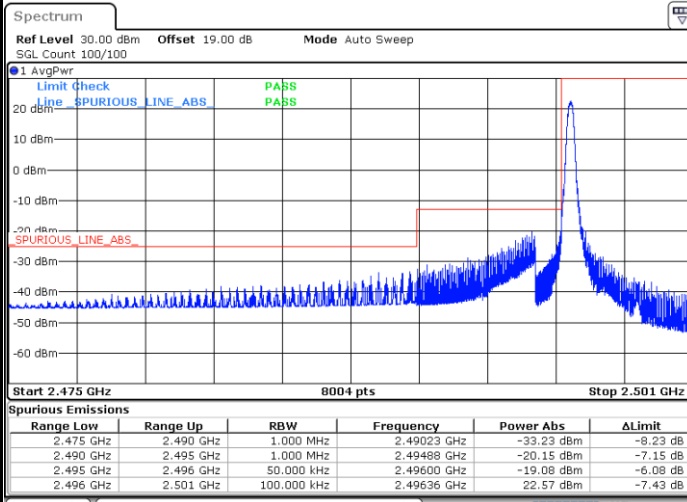


Date: 8.MAR.2024 06:22:49



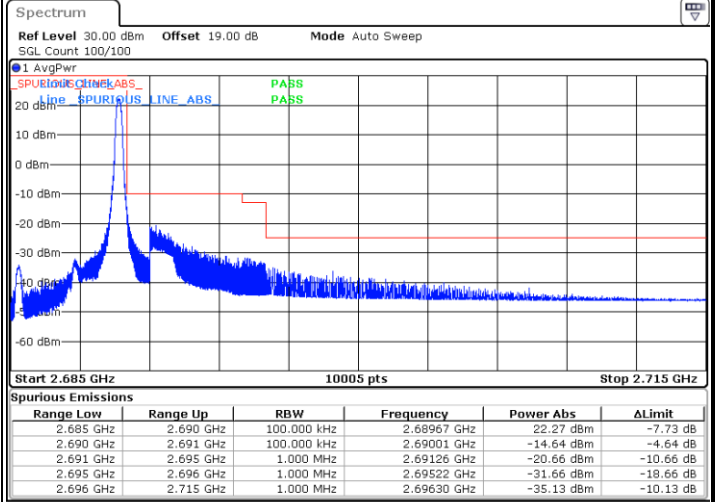
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



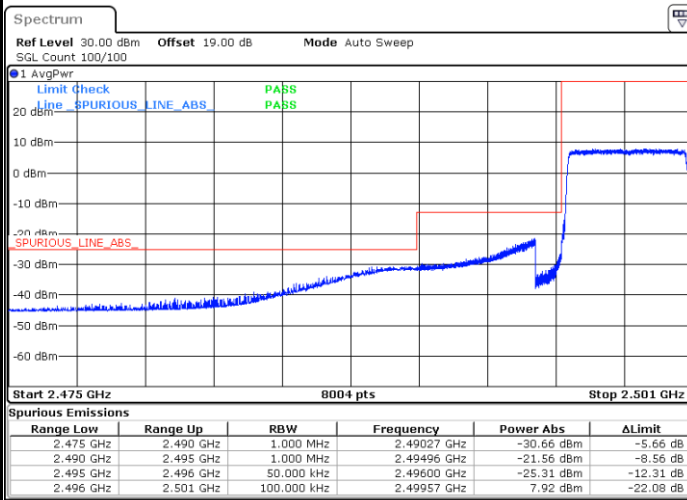
Date: 8.MAR.2024 06:08:42

Highest Band Edge / 1 RB



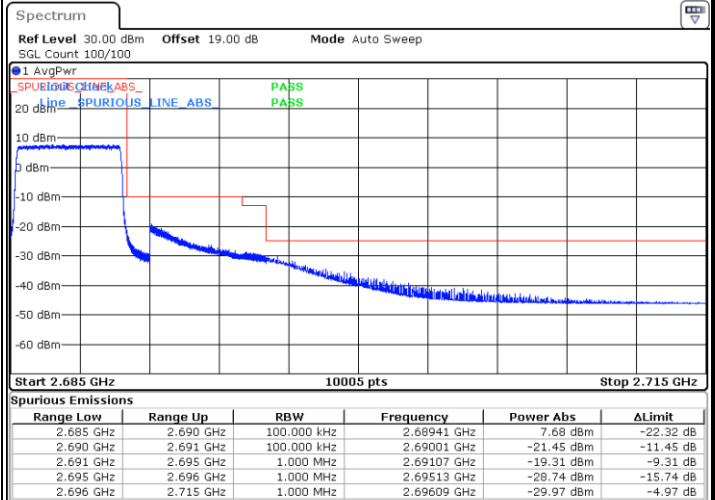
Date: 8.MAR.2024 06:18:34

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:11:46

Highest Band Edge / Full RB

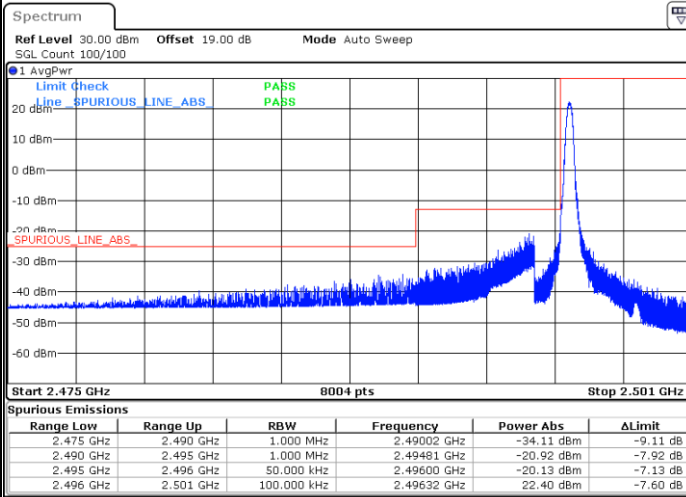


Date: 8.MAR.2024 06:21:45



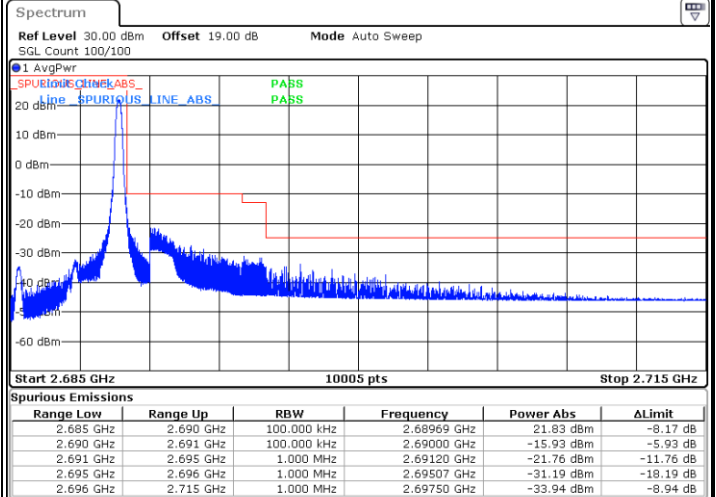
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



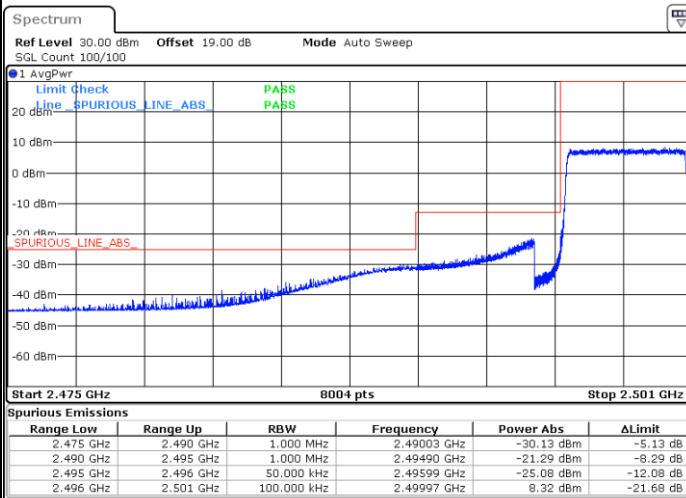
Date: 8.MAR.2024 06:09:43

Highest Band Edge / 1 RB



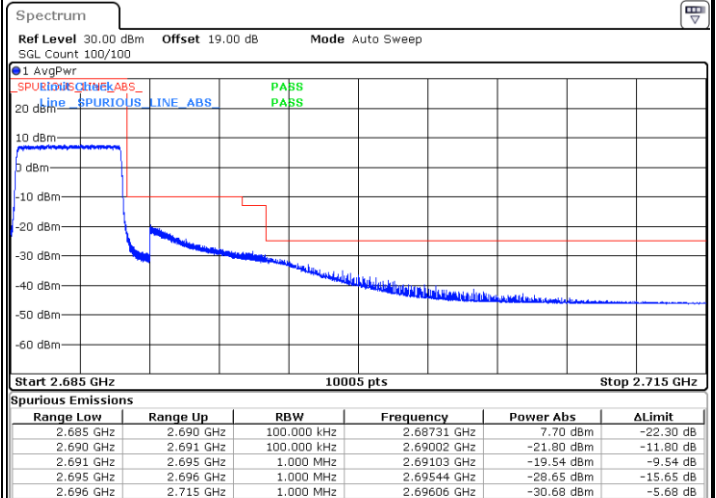
Date: 8.MAR.2024 06:19:37

Lowest Band Edge / Full RB



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

Highest Band Edge / Full RB

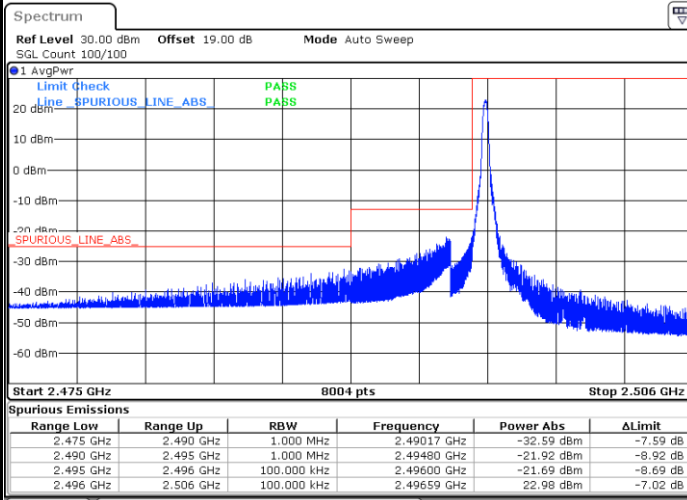


Date: 8.MAR.2024 06:20:41



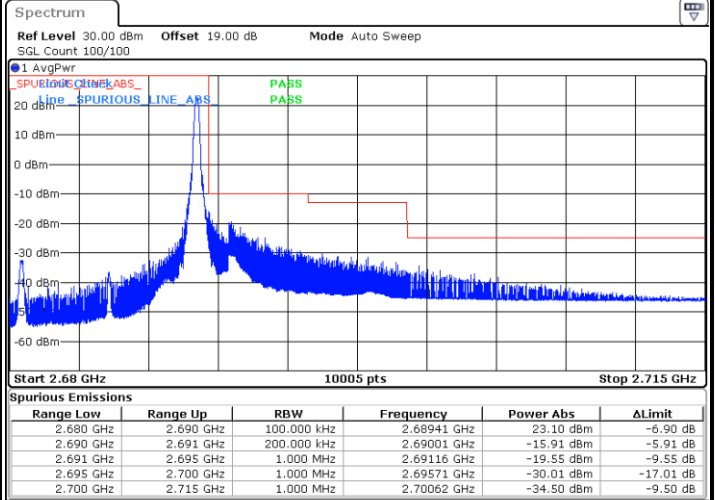
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



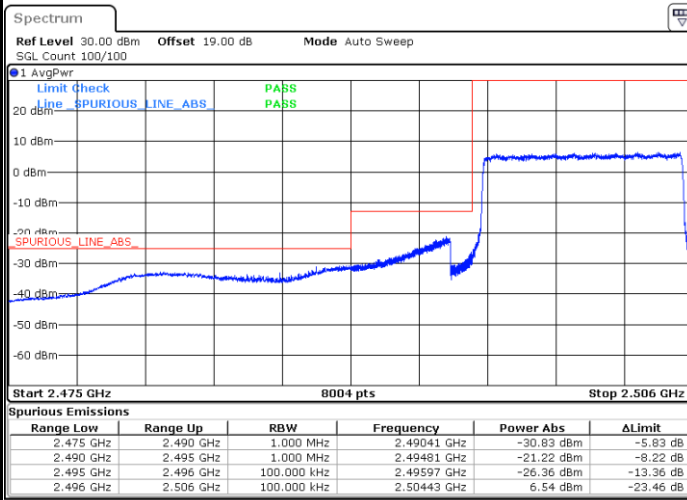
Date: 8.MAR.2024 06:25:43

Highest Band Edge / 1 RB



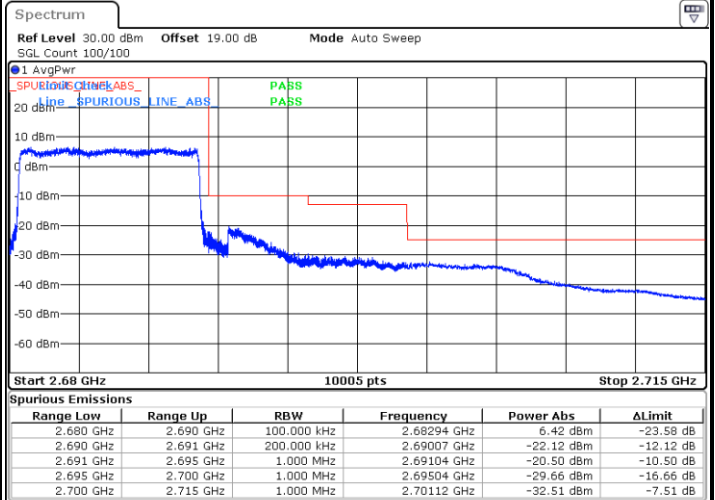
Date: 8.MAR.2024 06:36:13

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:31:33

Highest Band Edge / Full RB



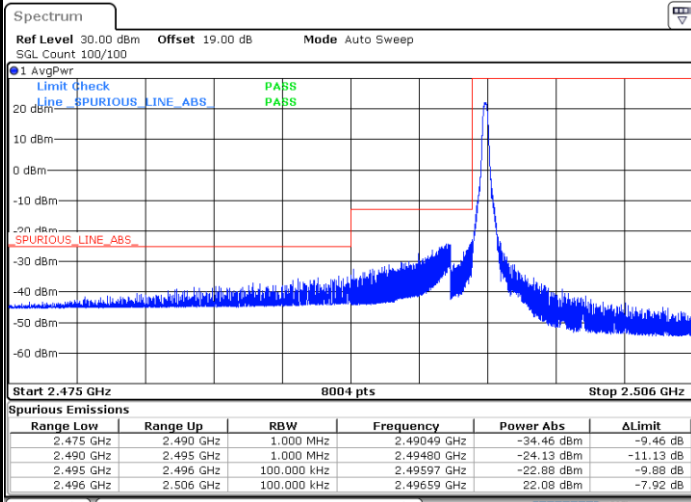
Date: 8.MAR.2024 06:41:17





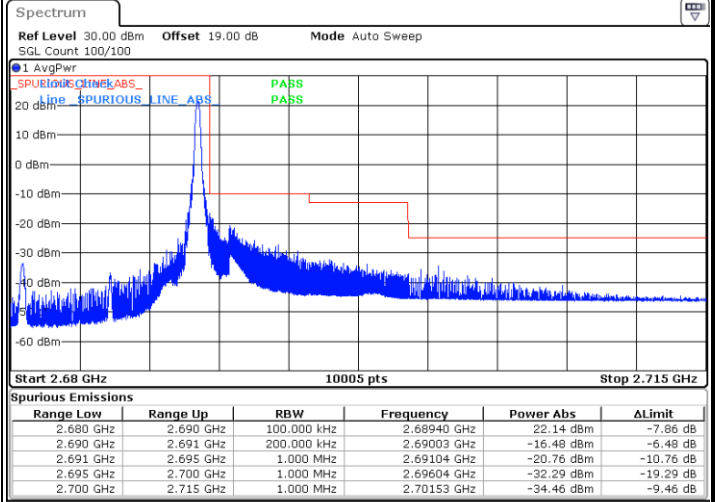
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



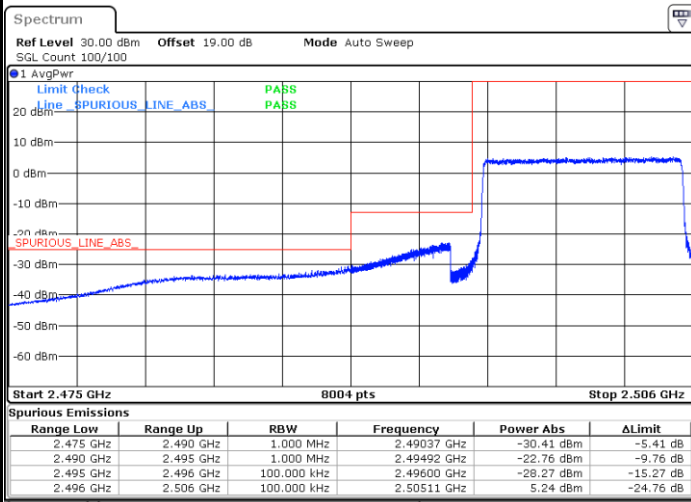
Date: 8.MAR.2024 06:27:28

Highest Band Edge / 1 RB



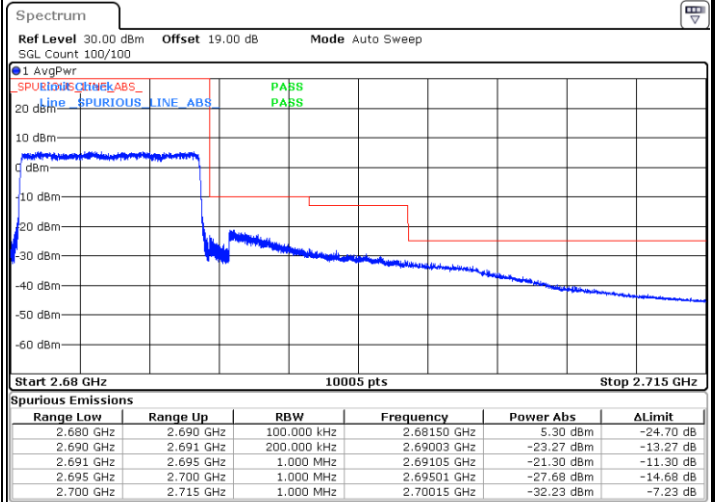
Date: 8.MAR.2024 06:37:13

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:30:32

Highest Band Edge / Full RB

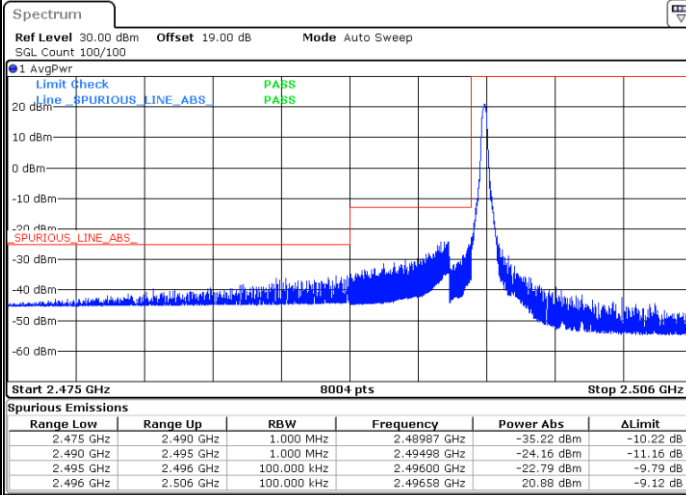


Date: 8.MAR.2024 06:40:16



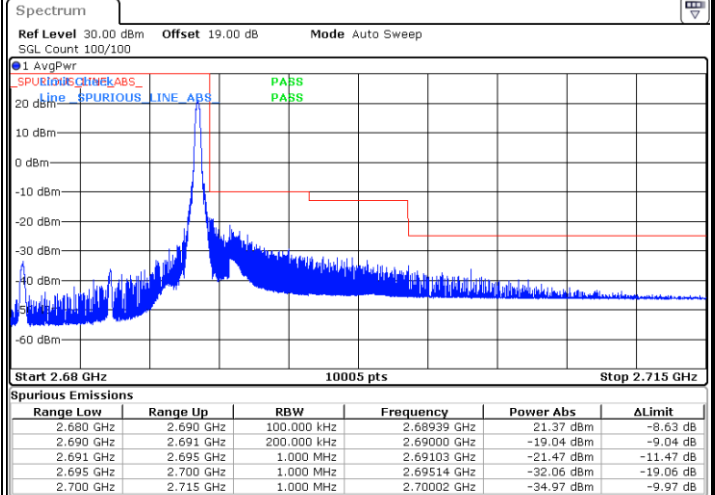
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



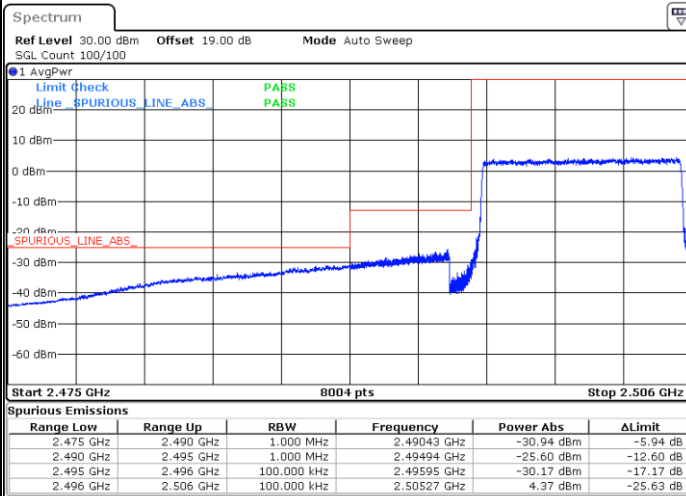
Date: 8.MAR.2024 06:28:29

Highest Band Edge / 1 RB



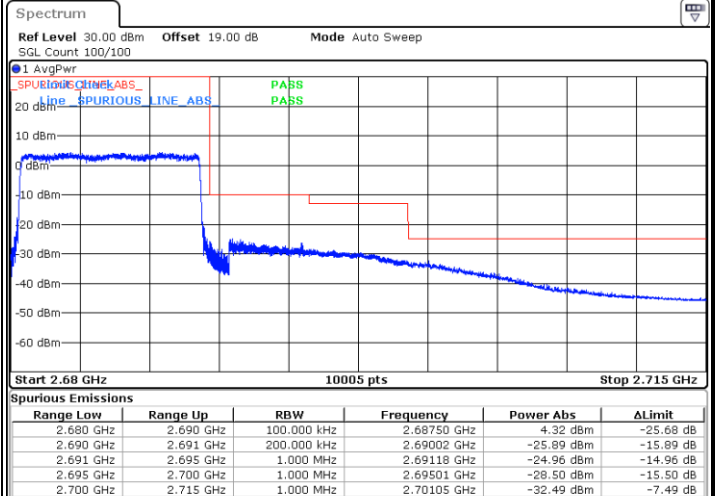
Date: 8.MAR.2024 06:38:14

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:29:31

Highest Band Edge / Full RB

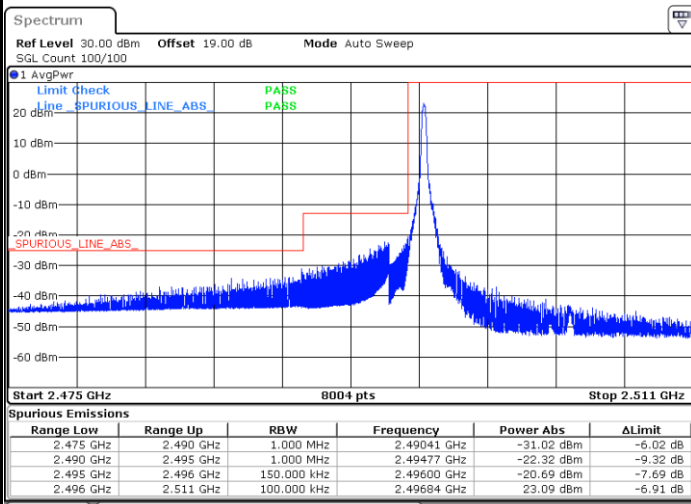


Date: 8.MAR.2024 06:39:15



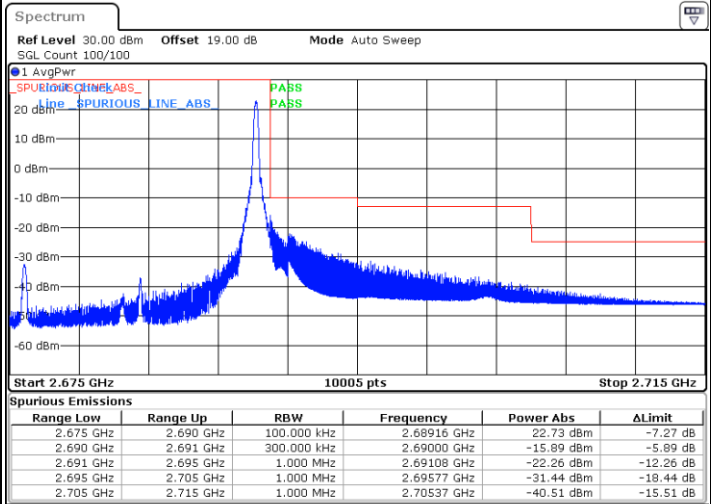
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



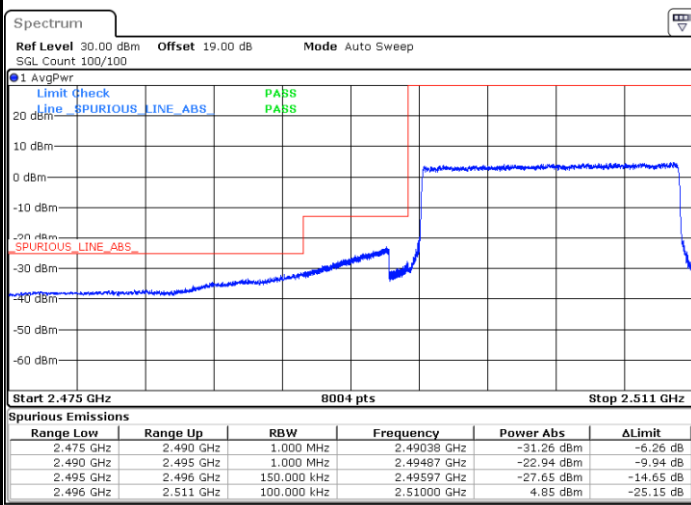
Date: 8.MAR.2024 06:44:11

Highest Band Edge / 1 RB



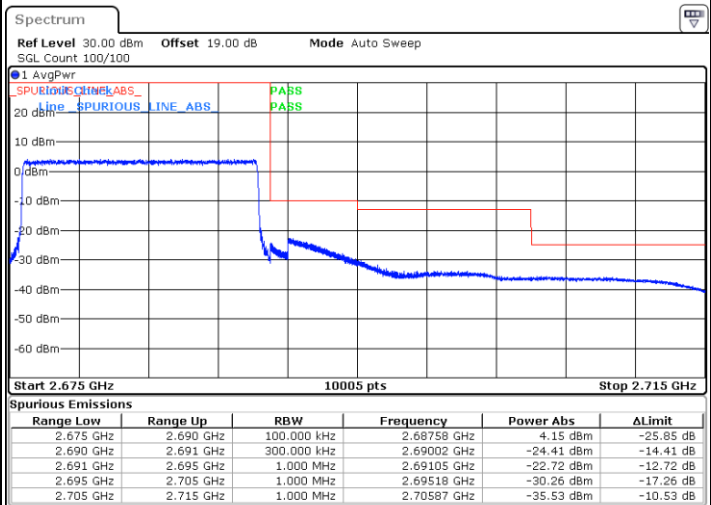
Date: 8.MAR.2024 06:53:56

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:49:16

Highest Band Edge / Full RB

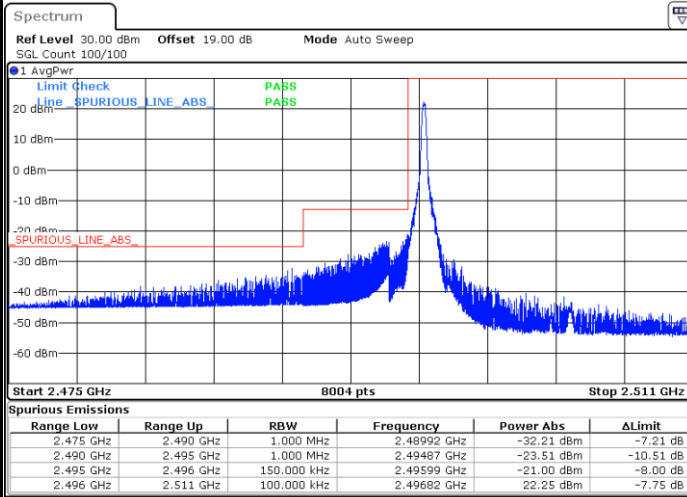


Date: 8.MAR.2024 06:59:00



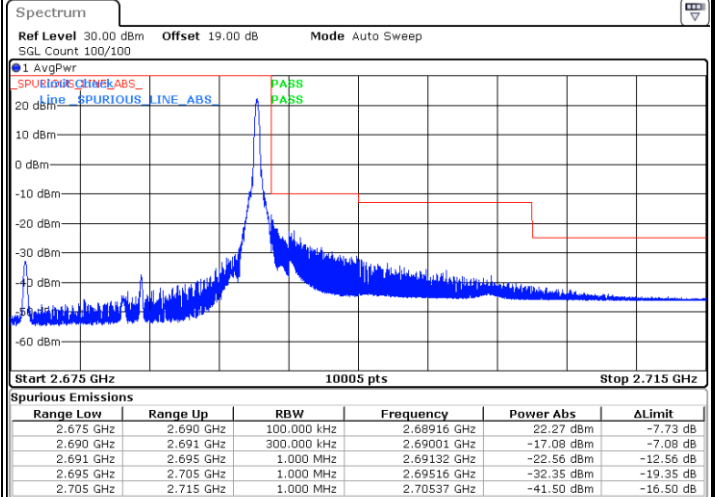
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



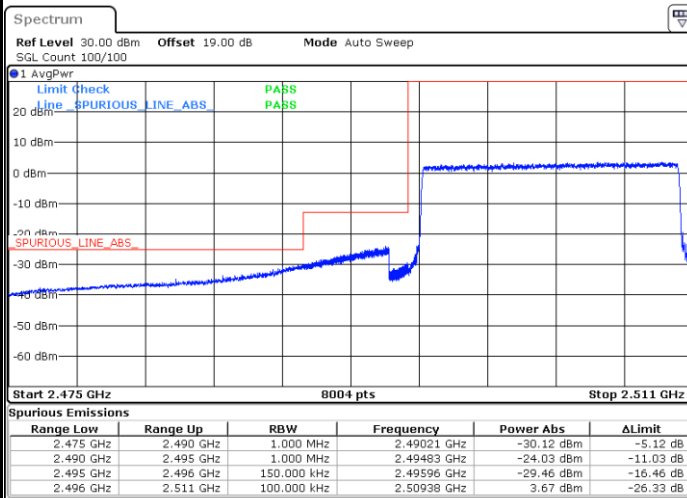
Date: 8.MAR.2024 06:45:12

Highest Band Edge / 1 RB



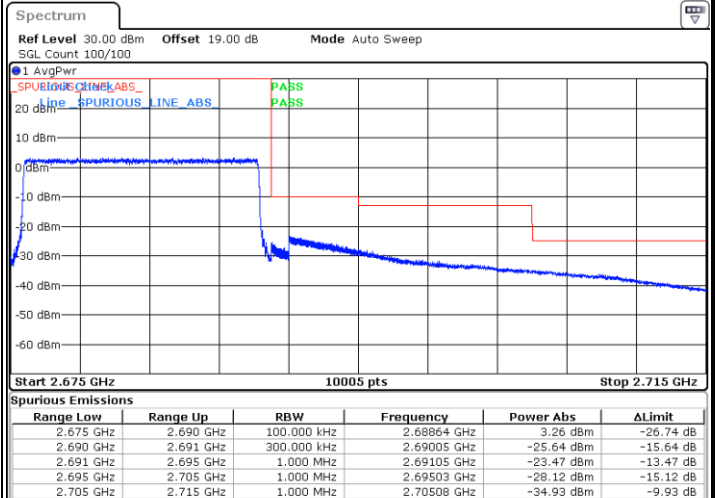
Date: 8.MAR.2024 06:54:57

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:48:15

Highest Band Edge / Full RB

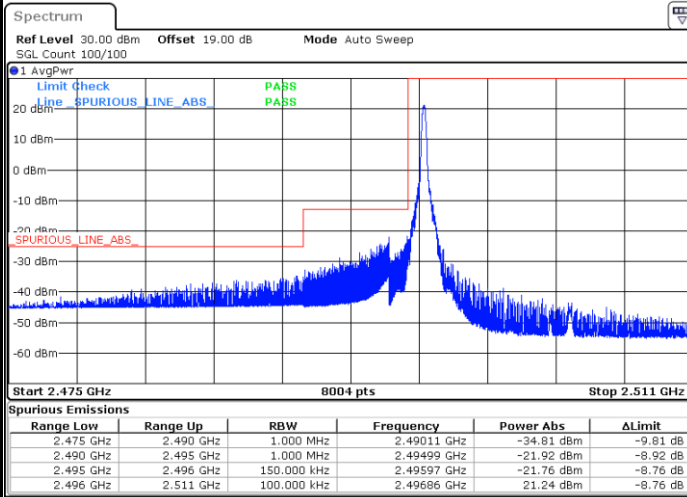


Date: 8.MAR.2024 06:57:59



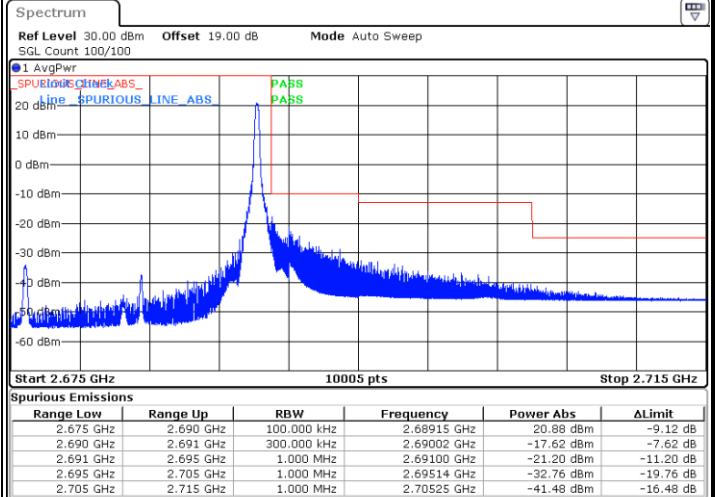
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



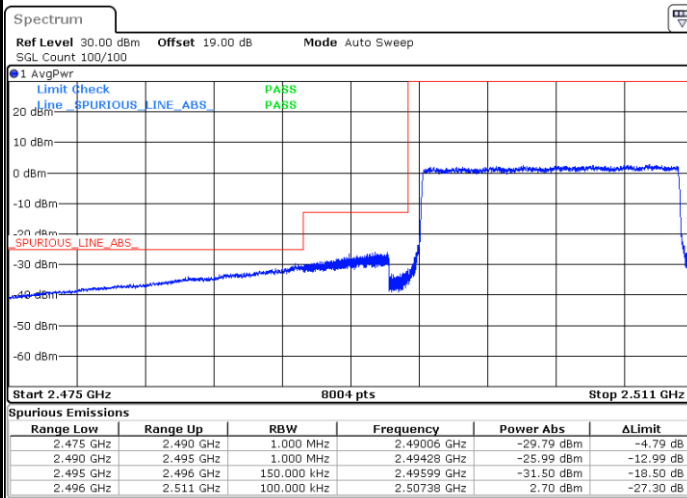
Date: 8.MAR.2024 06:46:13

Highest Band Edge / 1 RB



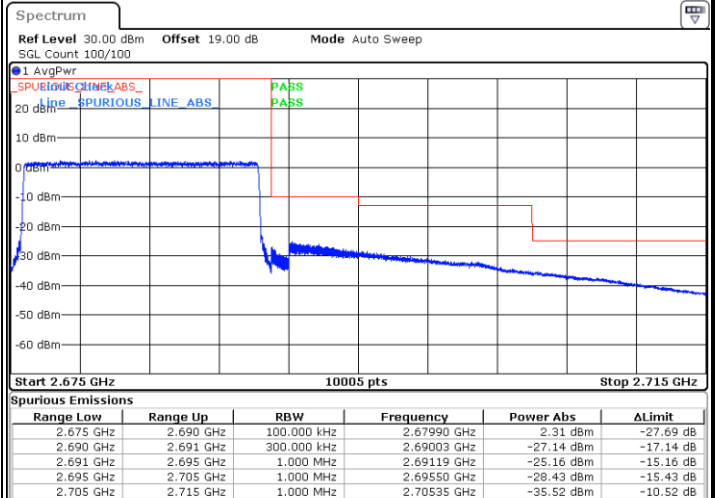
Date: 8.MAR.2024 06:55:57

Lowest Band Edge / Full RB



Date: 8.MAR.2024 06:47:14

Highest Band Edge / Full RB

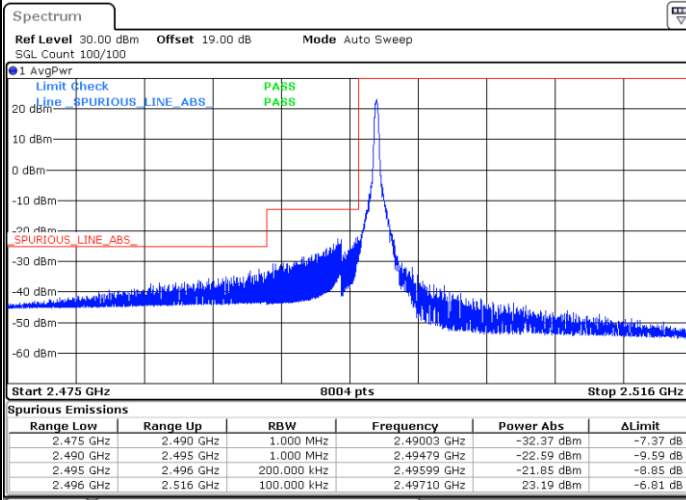


Date: 8.MAR.2024 06:56:58



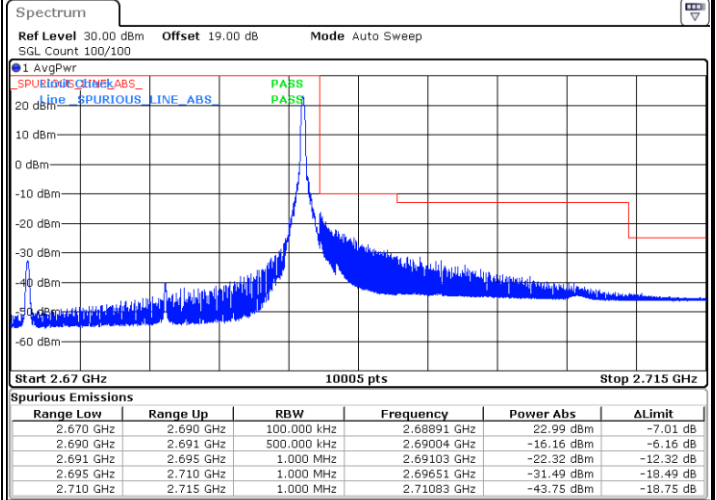
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



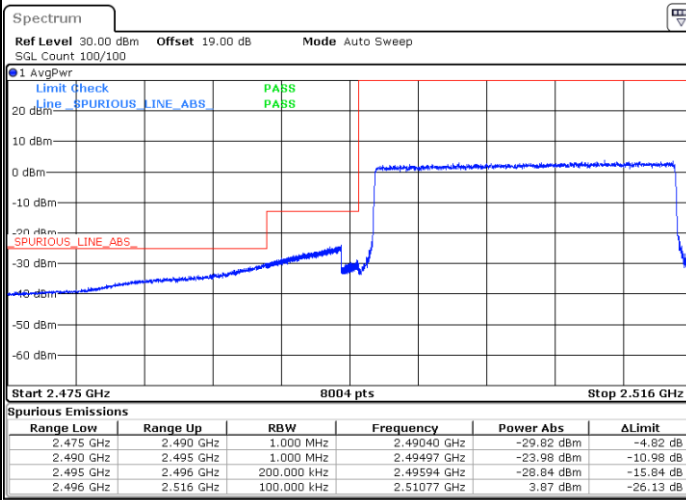
Date: 8.MAR.2024 07:01:54

Highest Band Edge / 1 RB



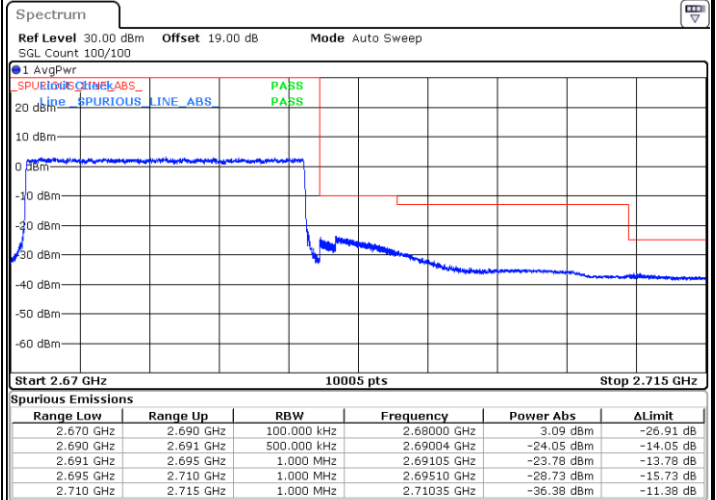
Date: 8.MAR.2024 07:13:00

Lowest Band Edge / Full RB



Date: 8.MAR.2024 07:06:59

Highest Band Edge / Full RB

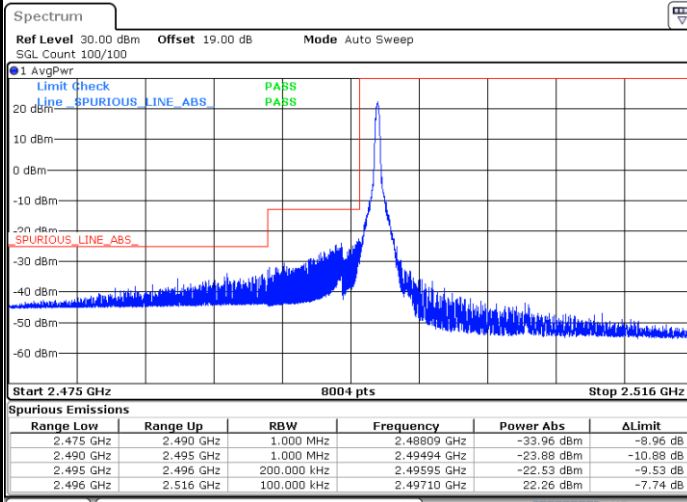


Date: 8.MAR.2024 07:18:04



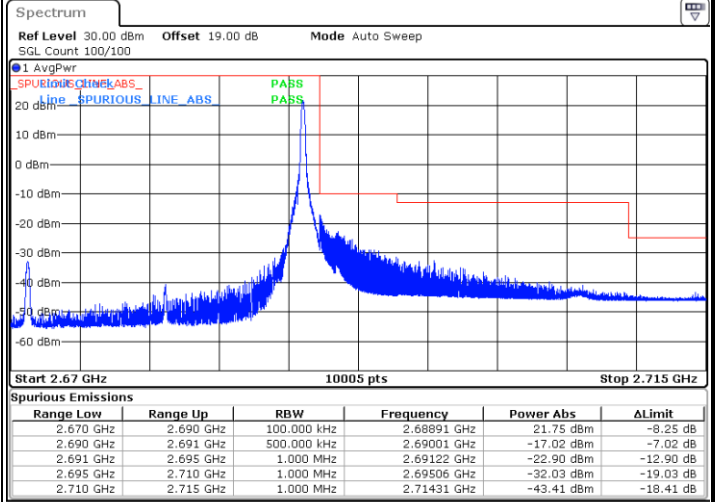
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



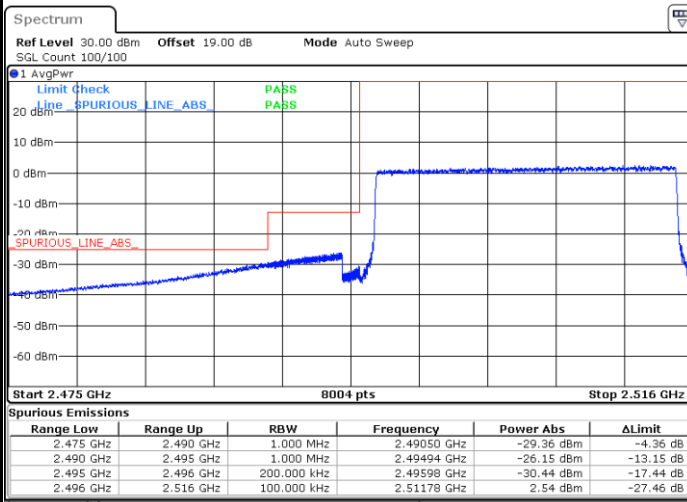
Date: 8.MAR.2024 07:02:55

Highest Band Edge / 1 RB



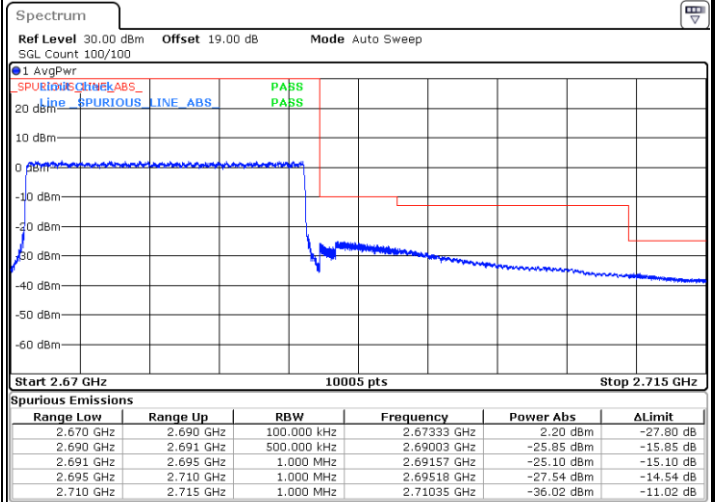
Date: 8.MAR.2024 07:14:01

Lowest Band Edge / Full RB



Date: 8.MAR.2024 07:05:58

Highest Band Edge / Full RB



Date: 8.MAR.2024 07:17:03