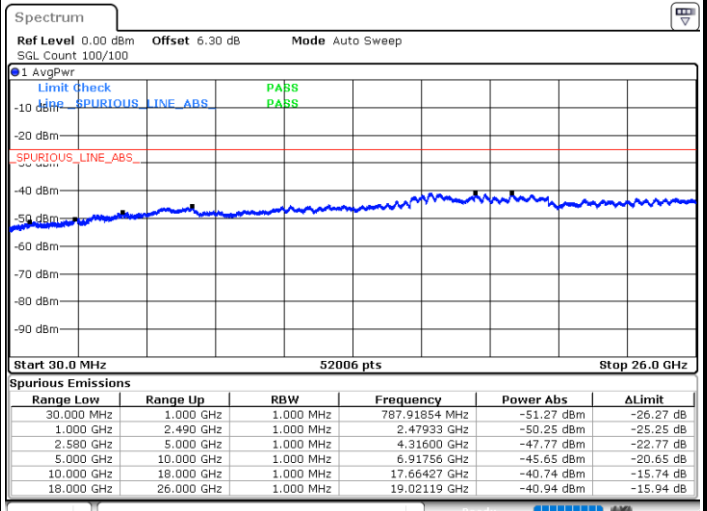
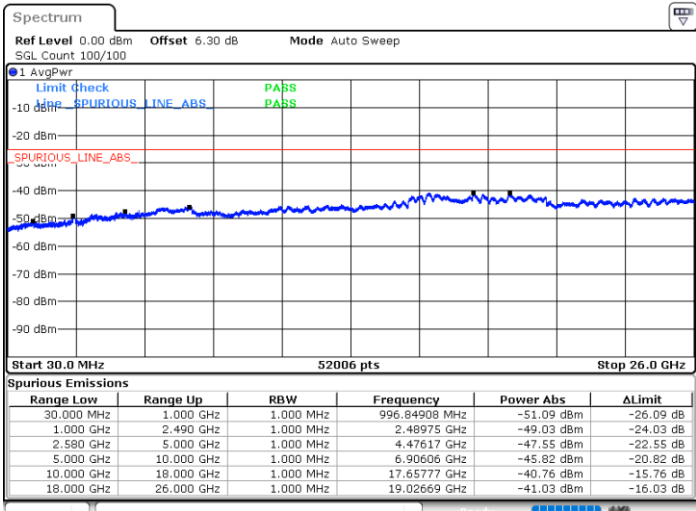




LTE Band 7 / 15MHz

Lowest Channel / QPSK

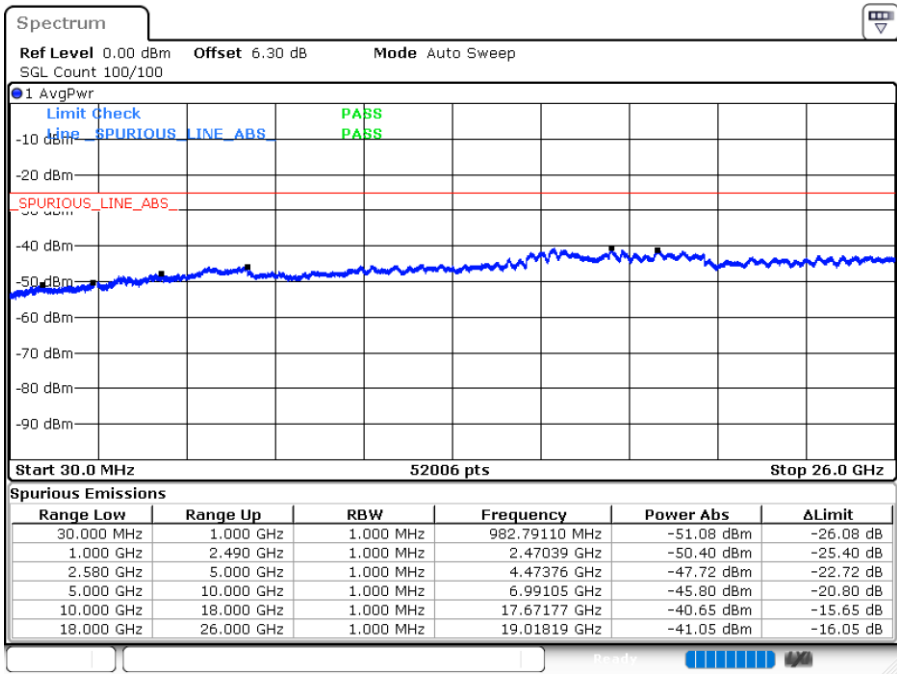
Middle Channel / QPSK



Date: 14.MAR.2024 04:33:14

Date: 14.MAR.2024 04:34:28

Highest Channel / QPSK



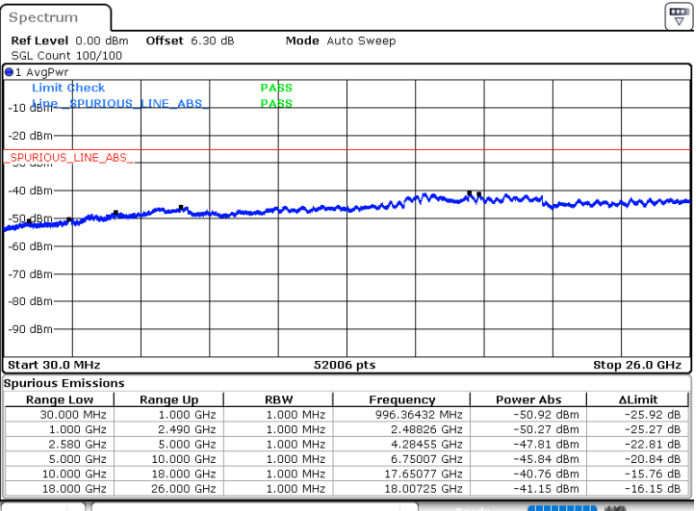
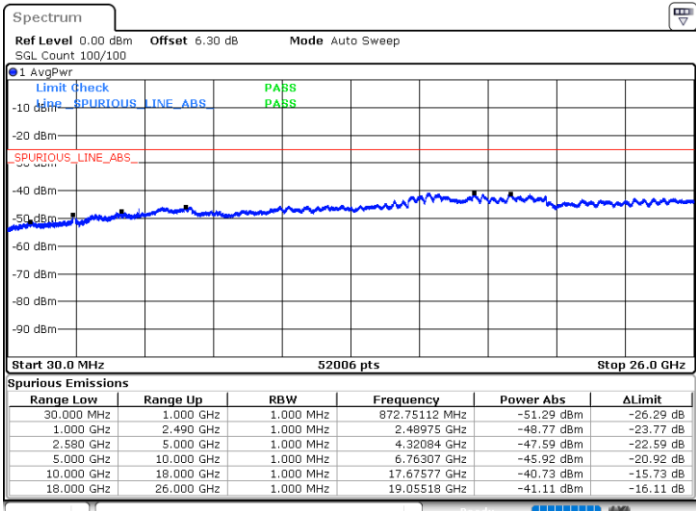
Date: 14.MAR.2024 04:35:42



LTE Band 7 / 20MHz

Lowest Channel / QPSK

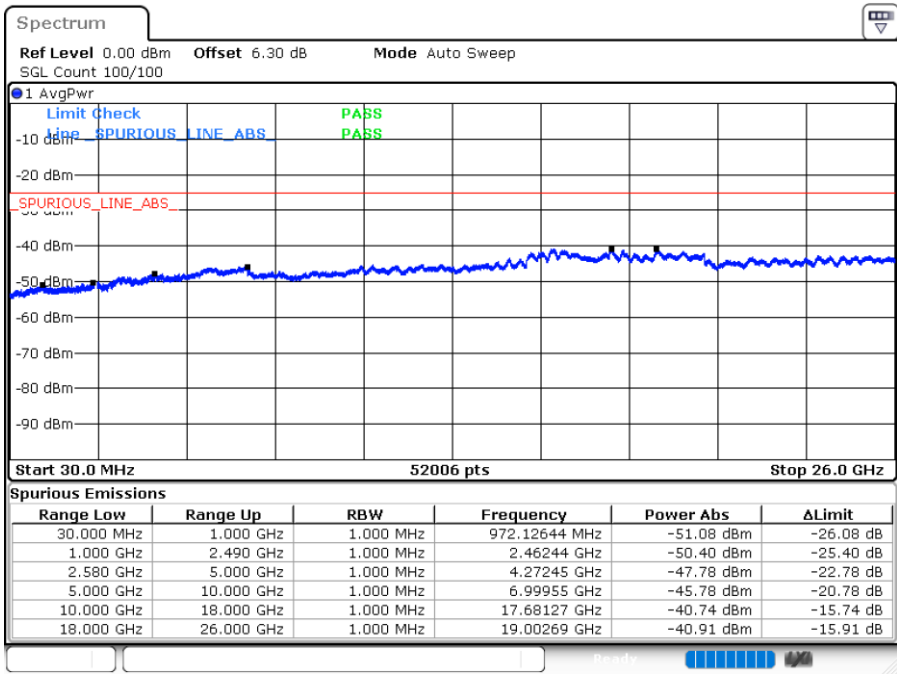
Middle Channel / QPSK



Date: 14.MAR.2024 04:48:41

Date: 14.MAR.2024 04:49:55

Highest Channel / QPSK



Date: 14.MAR.2024 04:51:10



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0045	PASS
40	Normal Voltage	0.0051	
30	Normal Voltage	0.0066	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0047	
0	Normal Voltage	0.0039	
-10	Normal Voltage	0.0043	
-20	Normal Voltage	0.0072	
-30	Normal Voltage	0.0061	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0035	

Note:

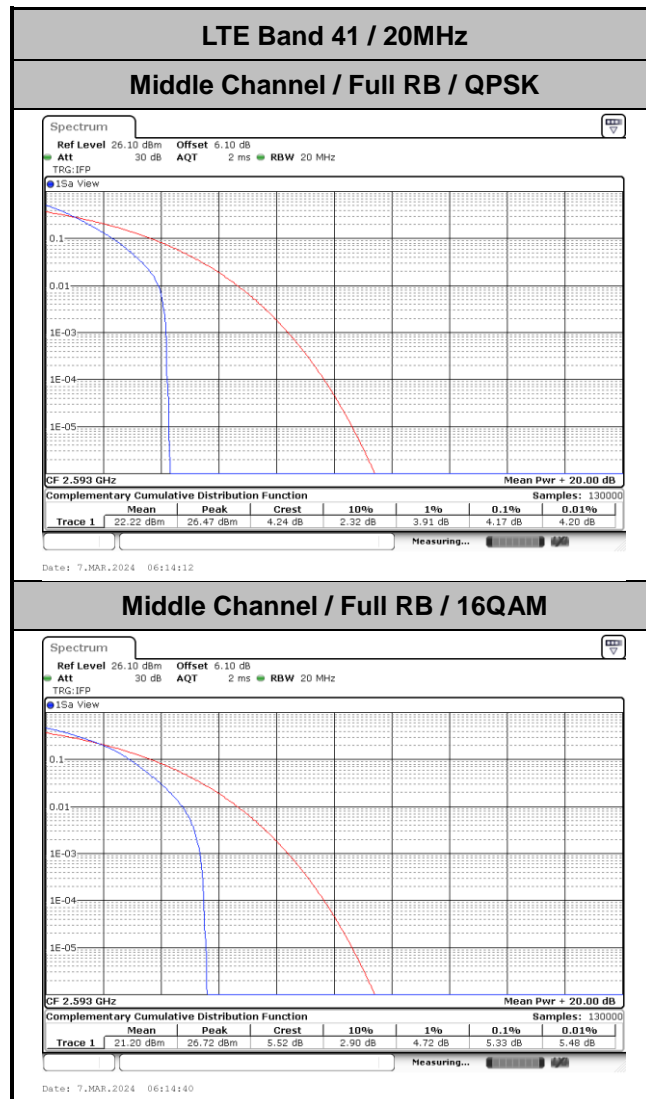
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

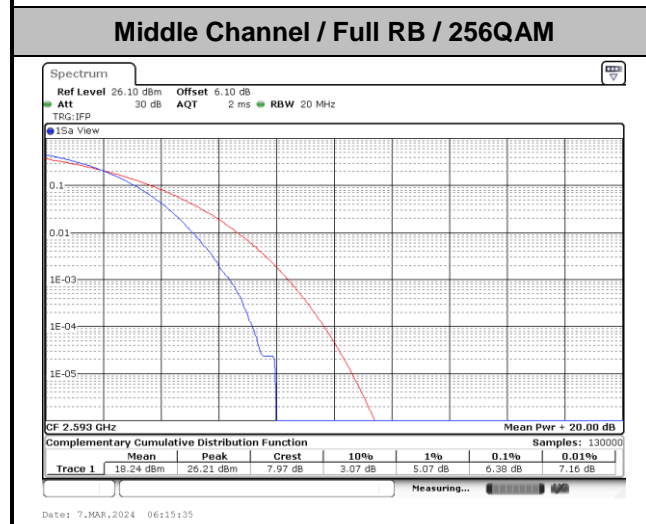
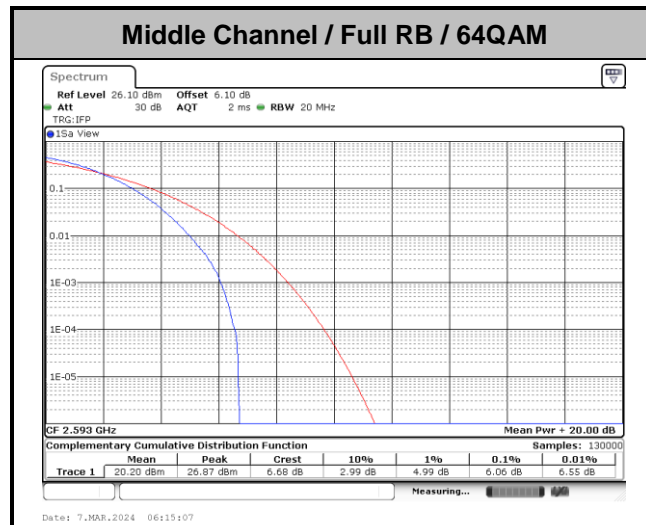


# LTE Band 41

## 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	4.17	5.33	6.06	PASS
Mod.	256QAM			Limit: 13dB
RB Size	Full RB			Result
Middle CH	6.38			PASS

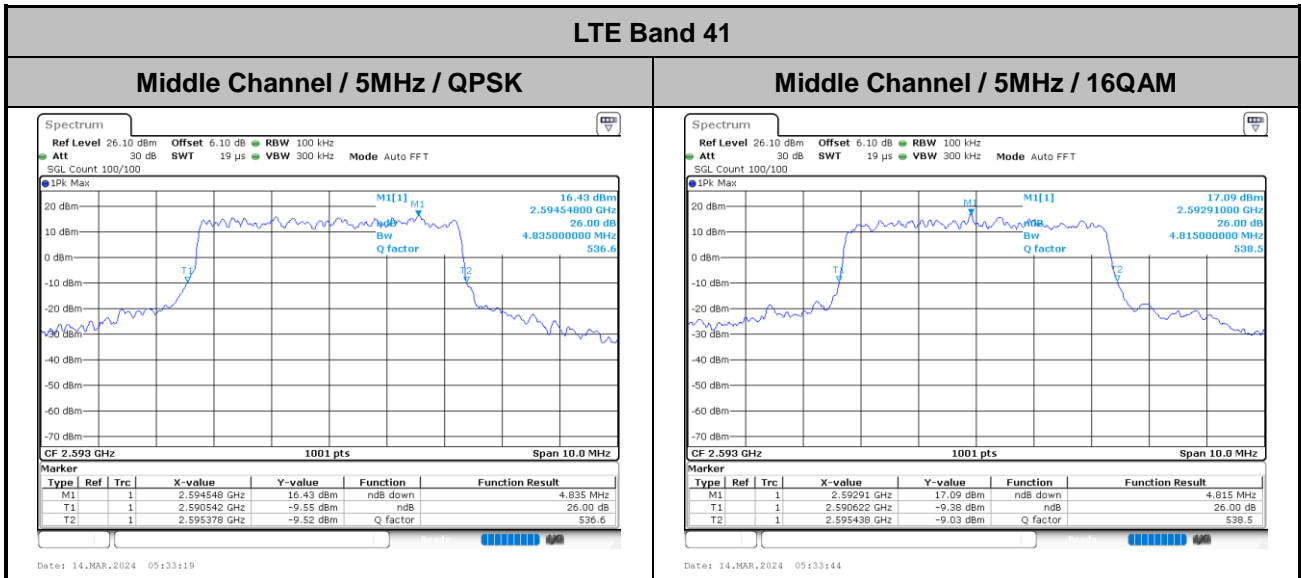






**26dB Bandwidth**

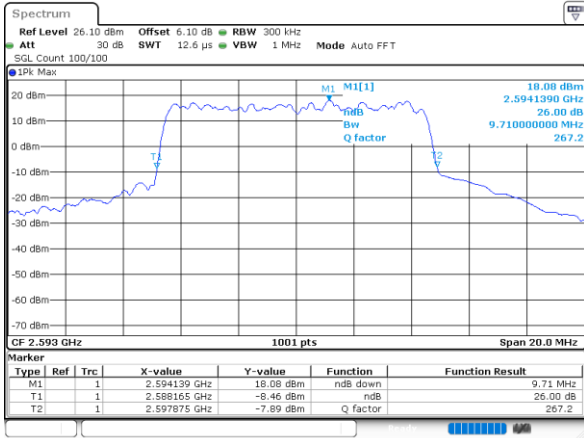
Mode	LTE Band 41 : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.84	4.82
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.71	9.93
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.39	14.57
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	19.06	19.02





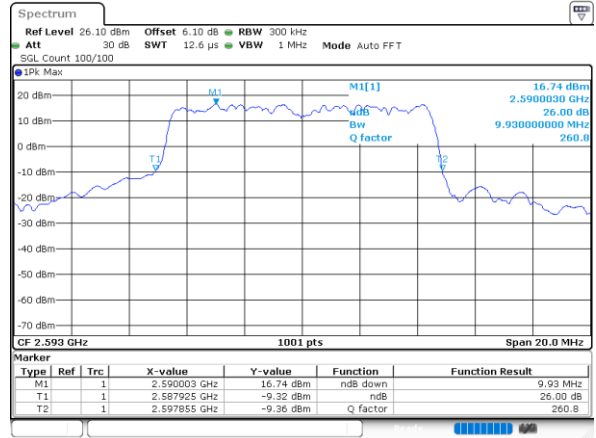
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 14.MAR.2024 05:36:58

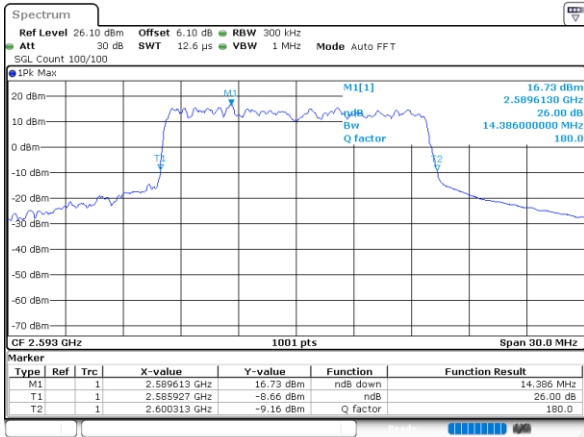
Middle Channel / 10MHz / 16QAM



Date: 14.MAR.2024 05:13:24

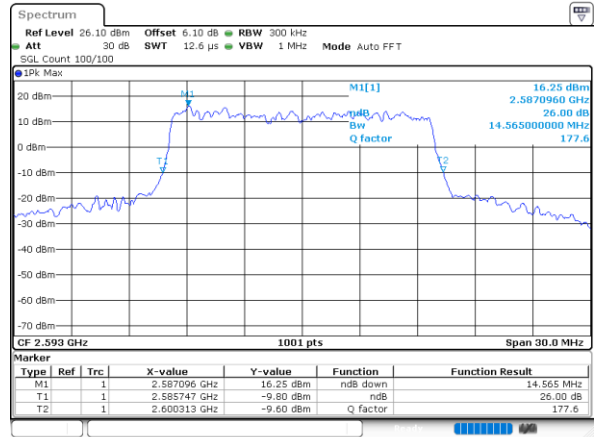
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 14.MAR.2024 05:44:56

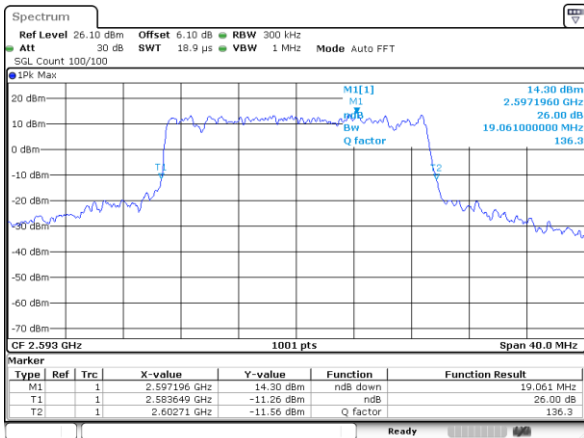
Middle Channel / 15MHz / 16QAM



Date: 14.MAR.2024 05:45:21

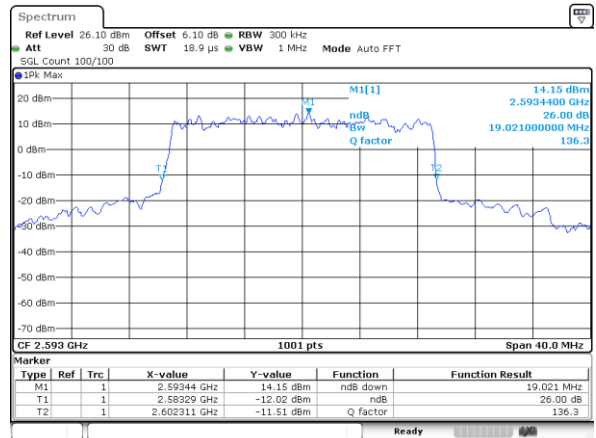
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 7.MAR.2024 06:12:50

Middle Channel / 20MHz / 16QAM

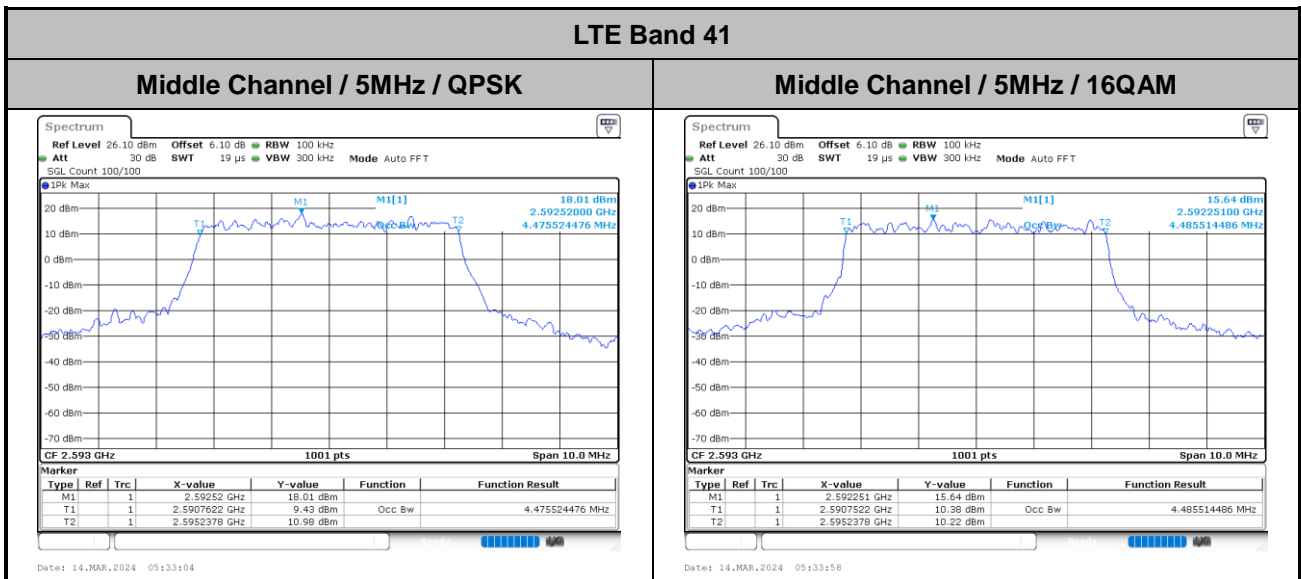


Date: 7.MAR.2024 06:13:45



## Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.48	4.49
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.13	8.97
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.55	13.40
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.94

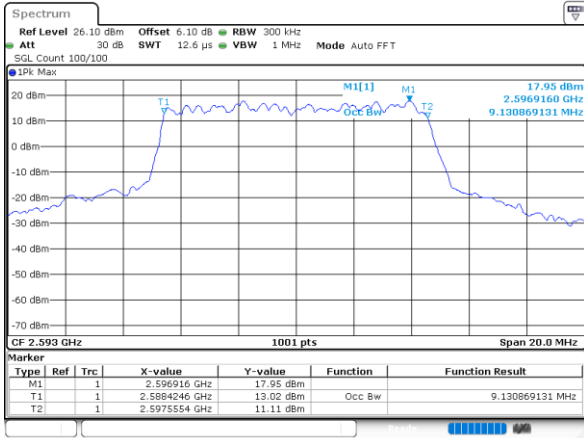






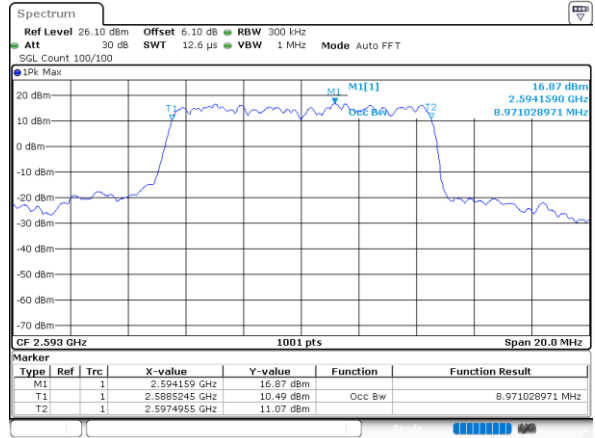
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 14.MAR.2024 05:36:44

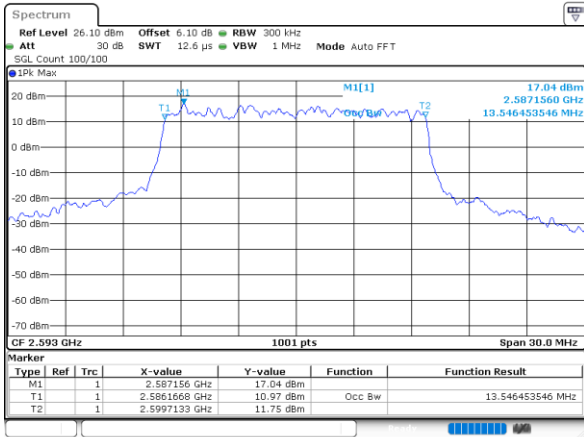
Middle Channel / 10MHz / 16QAM



Date: 14.MAR.2024 05:13:38

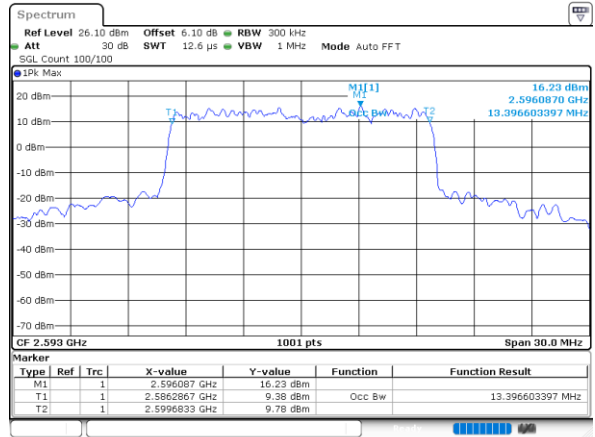
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 14.MAR.2024 05:44:42

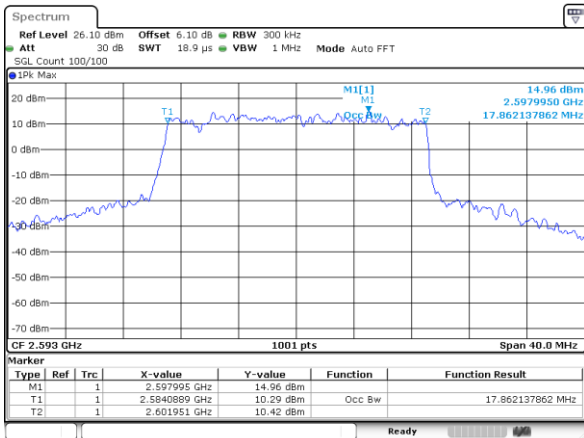
Middle Channel / 15MHz / 16QAM



Date: 14.MAR.2024 05:45:36

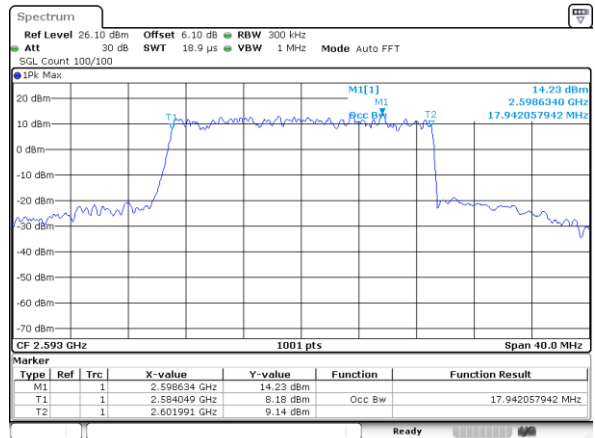
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 7.MAR.2024 06:13:05

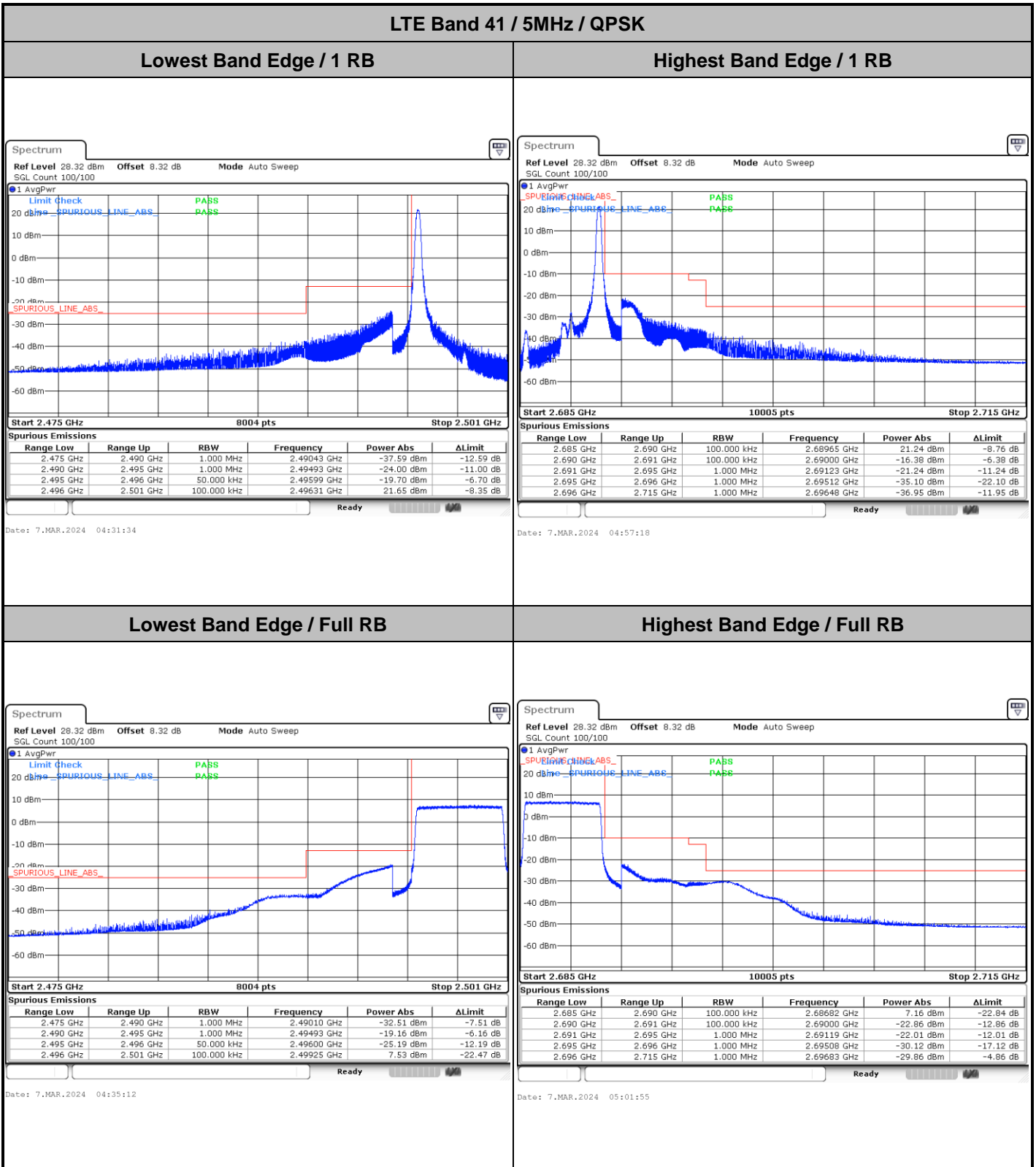
Middle Channel / 20MHz / 16QAM



Date: 7.MAR.2024 06:13:31



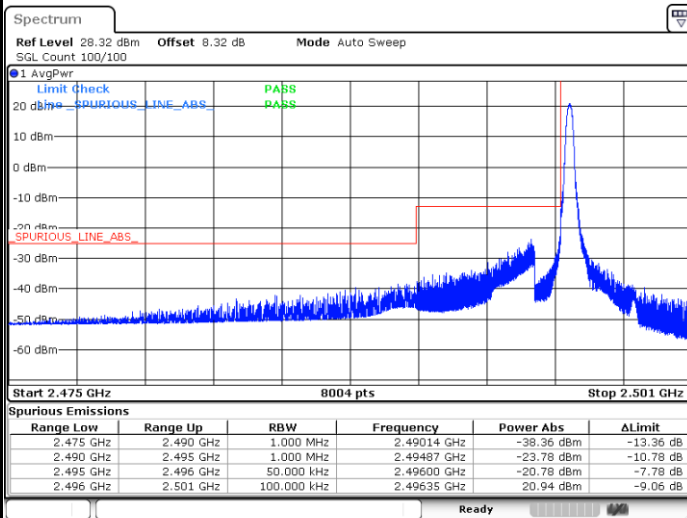
# Conducted Band Edge





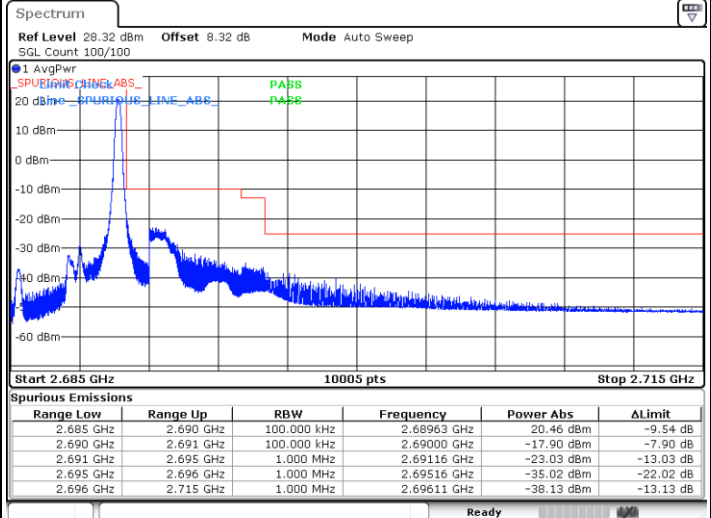
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



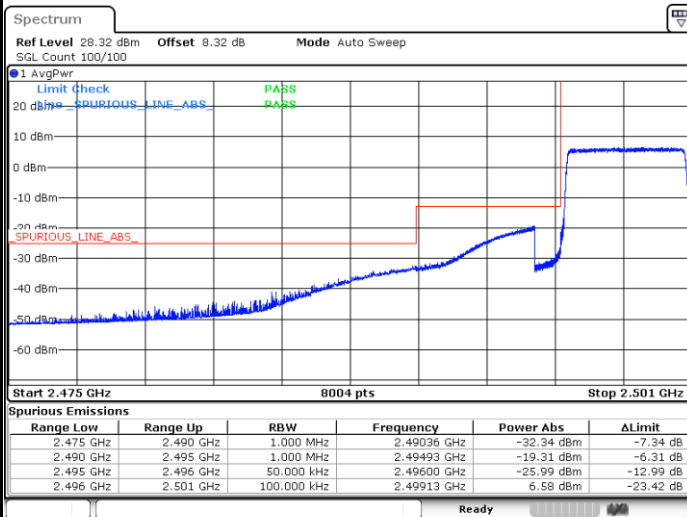
Date: 7.MAR.2024 04:32:27

Highest Band Edge / 1 RB



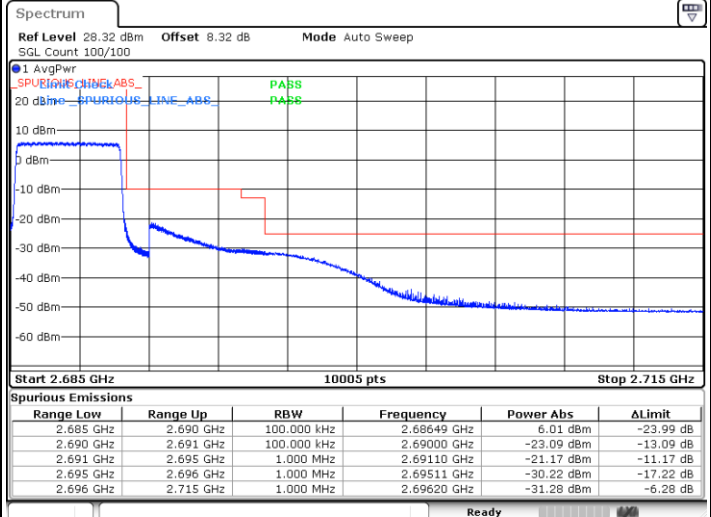
Date: 7.MAR.2024 04:58:26

Lowest Band Edge / Full RB



Date: 7.MAR.2024 04:36:06

Highest Band Edge / Full RB

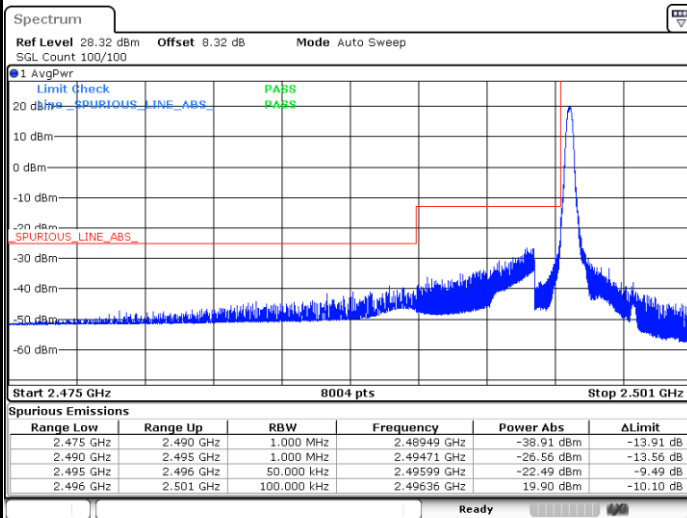


Date: 7.MAR.2024 05:03:04

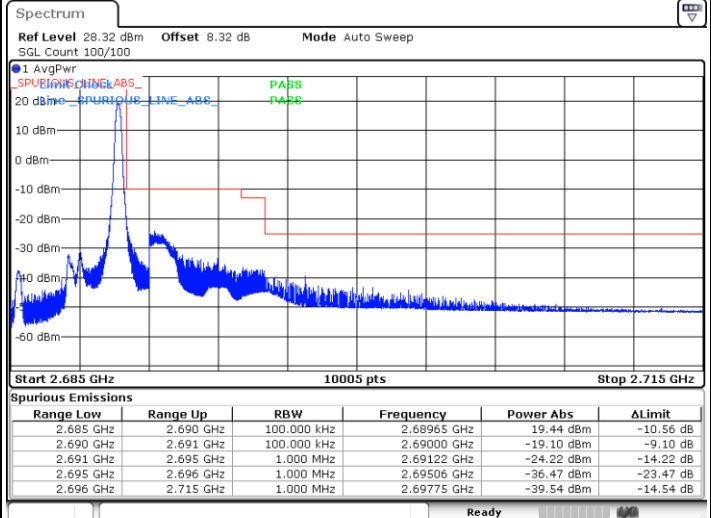


LTE Band 41 / 5MHz / 64QAM

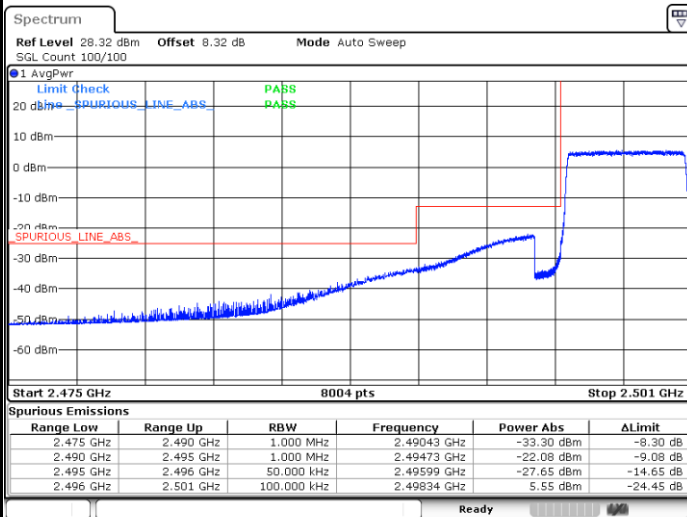
Lowest Band Edge / 1RB



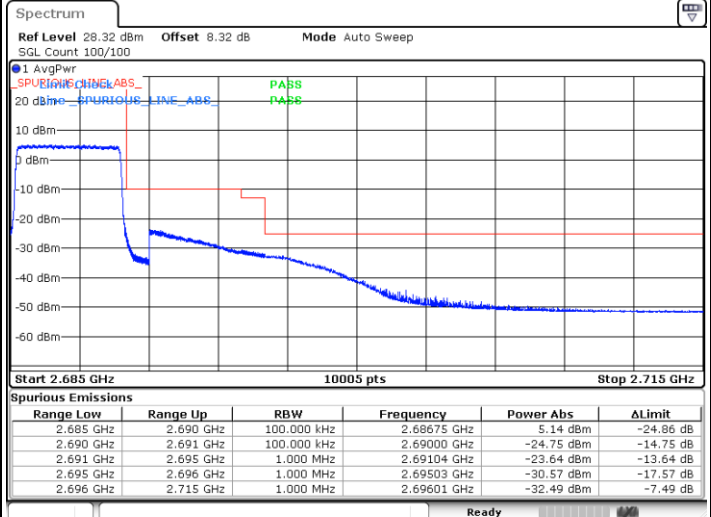
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



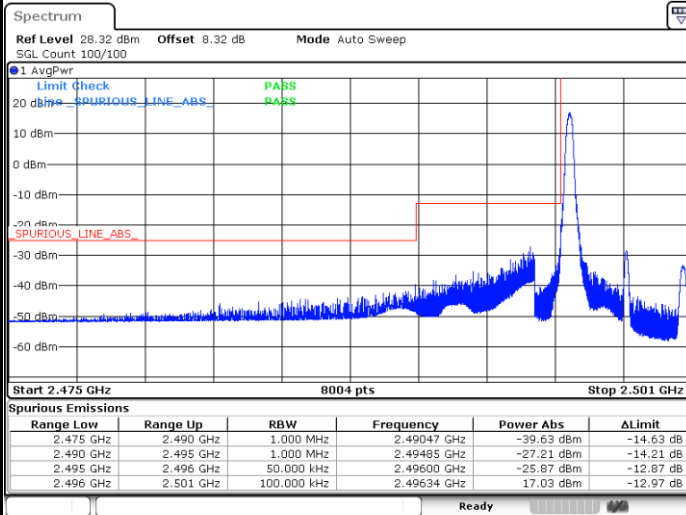
Highest Band Edge / Full RB



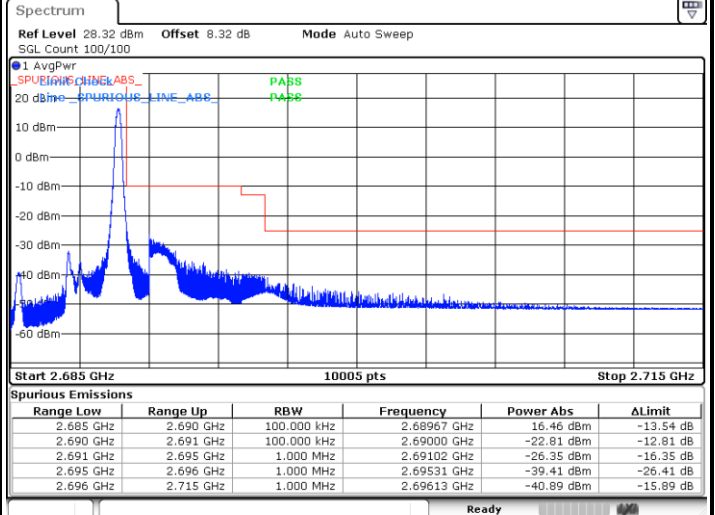


LTE Band 41 / 5MHz / 256QAM

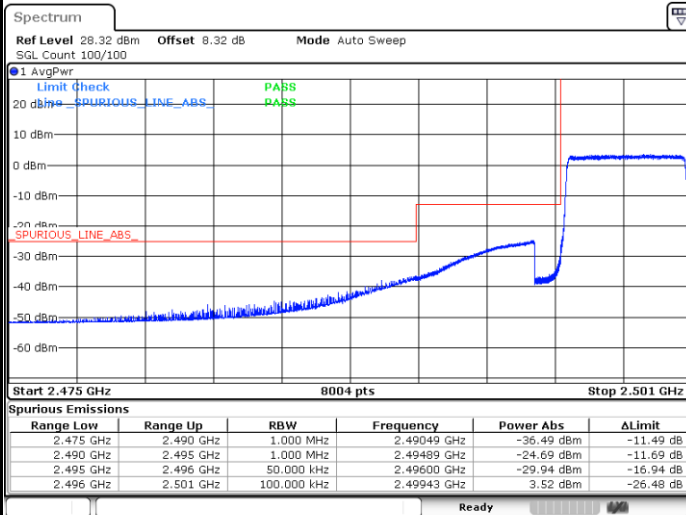
Lowest Band Edge / 1 RB



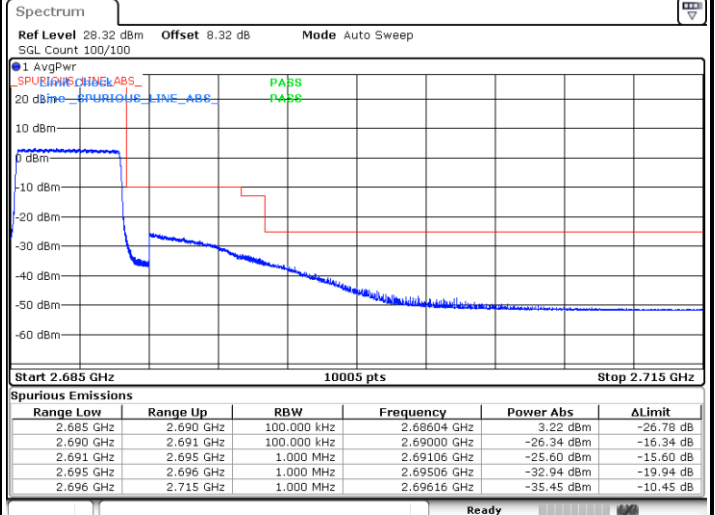
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



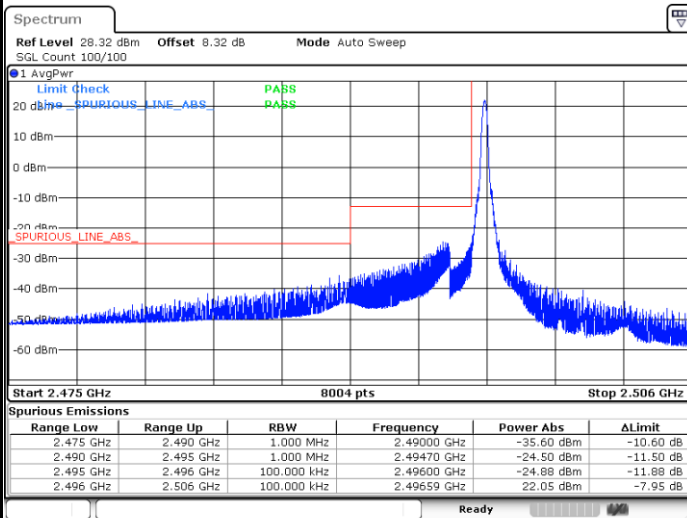
Highest Band Edge / Full RB





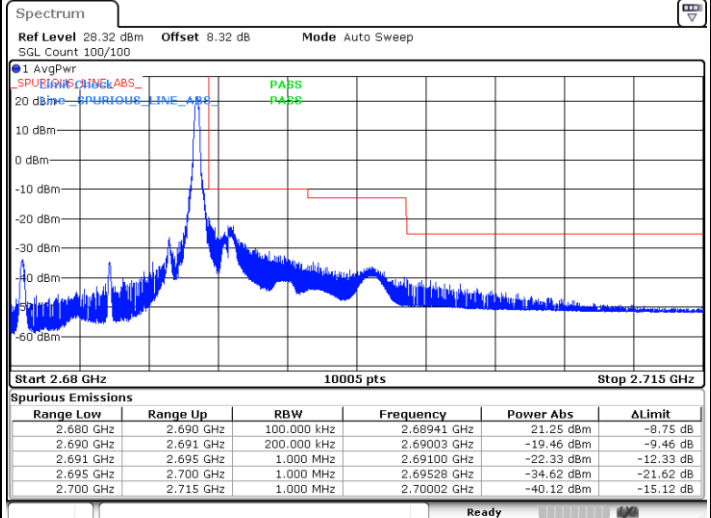
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



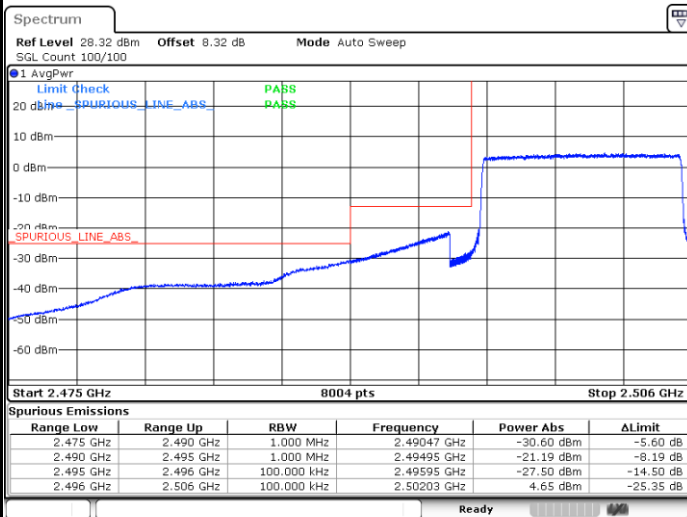
Date: 7.MAR.2024 04:52:12

Highest Band Edge / 1 RB



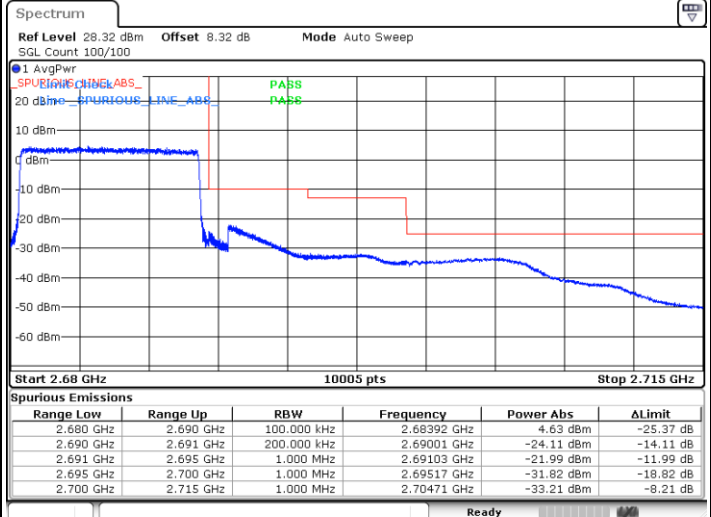
Date: 7.MAR.2024 05:17:10

Lowest Band Edge / Full RB



Date: 7.MAR.2024 05:09:36

Highest Band Edge / Full RB

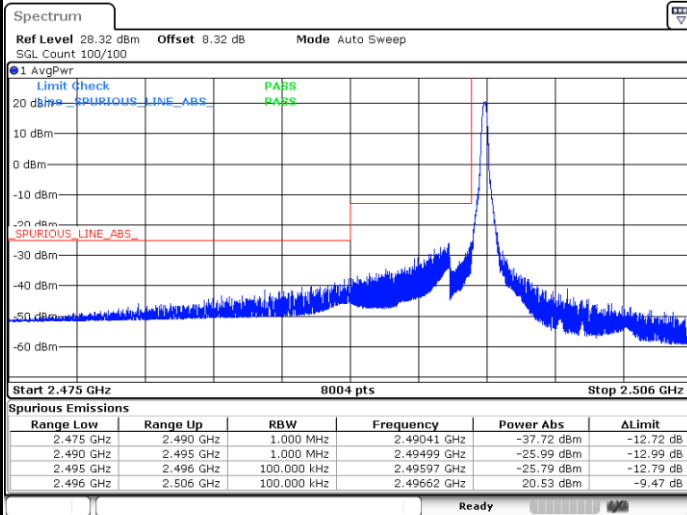


Date: 7.MAR.2024 05:21:53



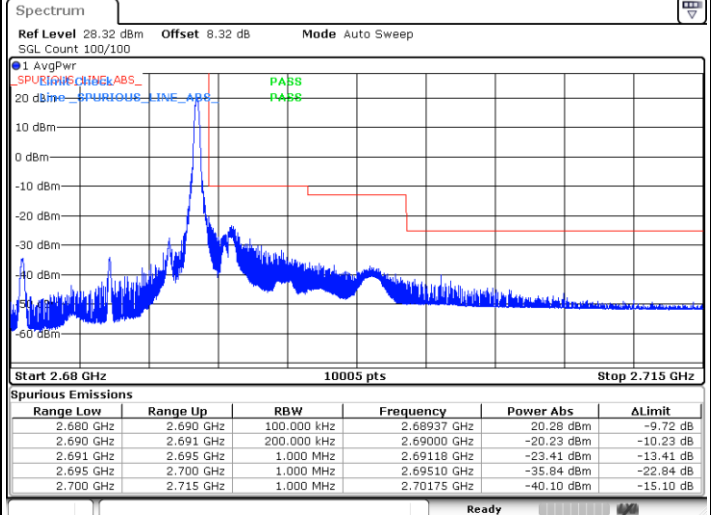
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



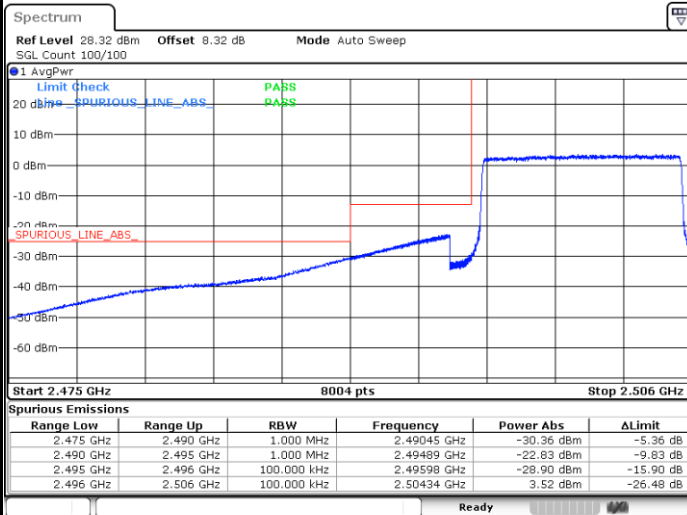
Date: 7.MAR.2024 04:53:03

Highest Band Edge / 1 RB



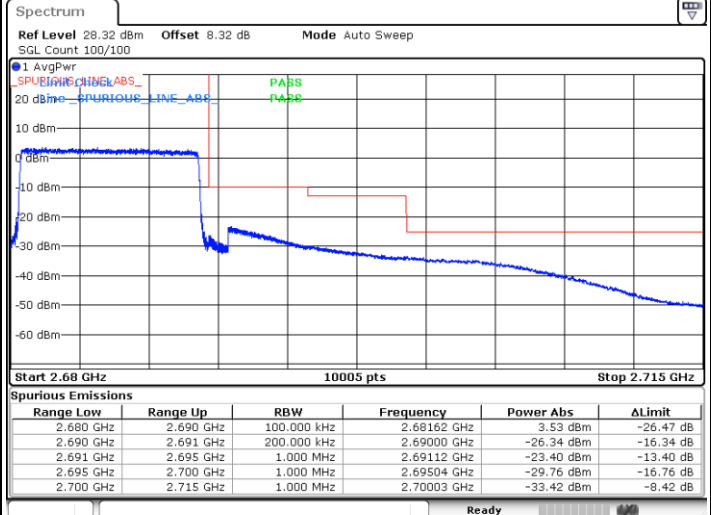
Date: 7.MAR.2024 05:18:20

Lowest Band Edge / Full RB



Date: 7.MAR.2024 05:10:46

Highest Band Edge / Full RB

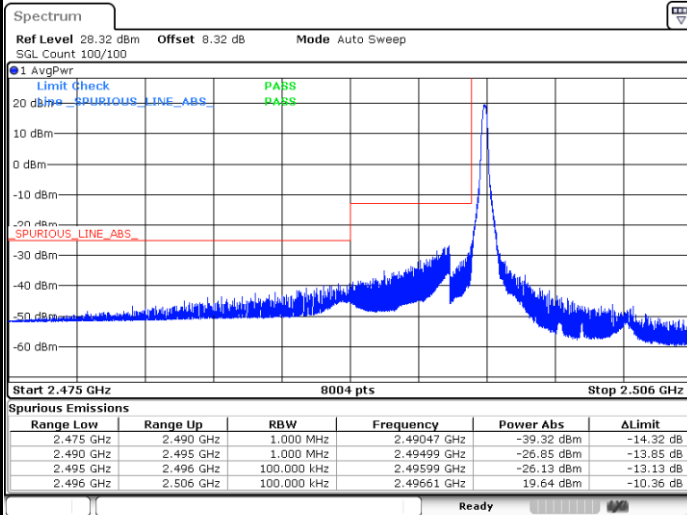


Date: 7.MAR.2024 05:23:03

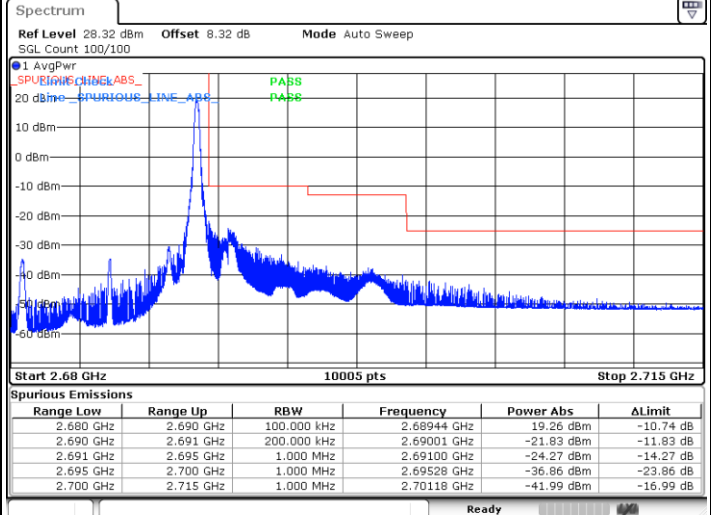


LTE Band 41 / 10MHz / 64QAM

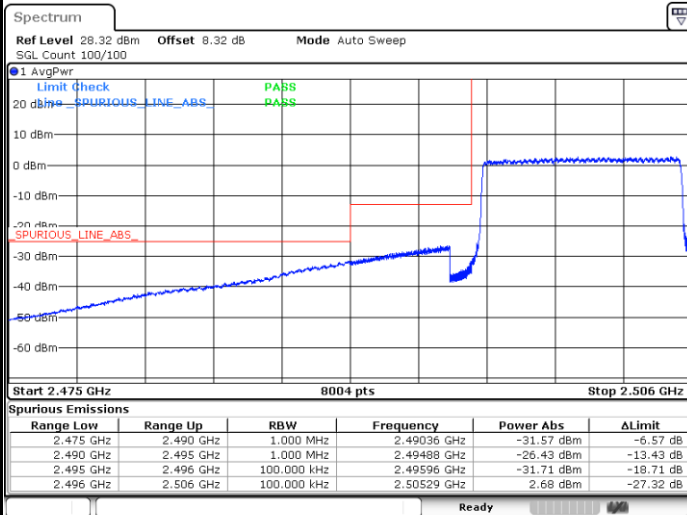
Lowest Band Edge / 1 RB



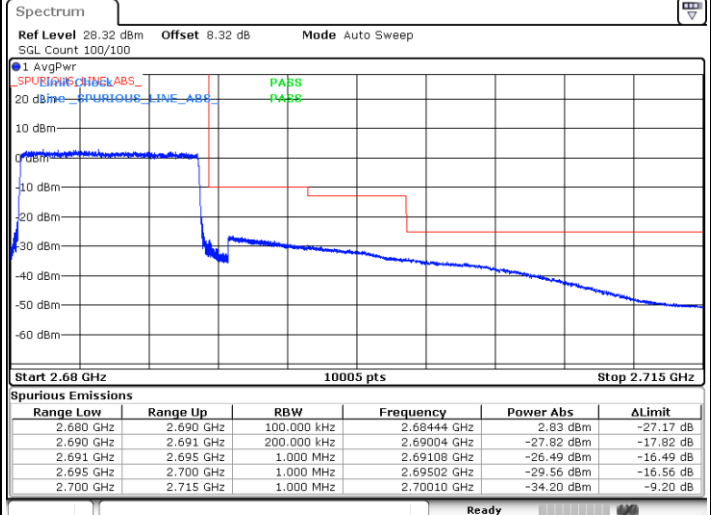
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



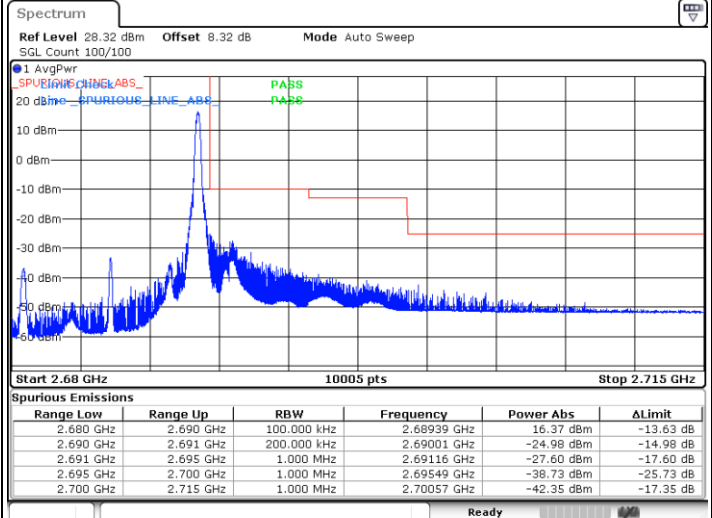
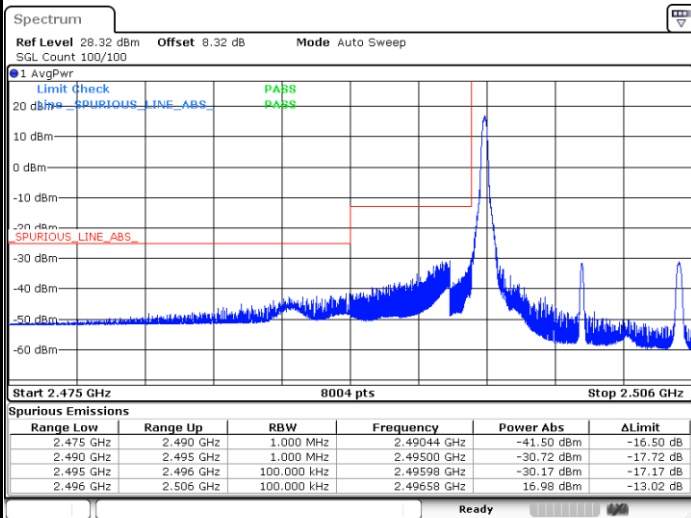




LTE Band 41 / 10MHz / 256QAM

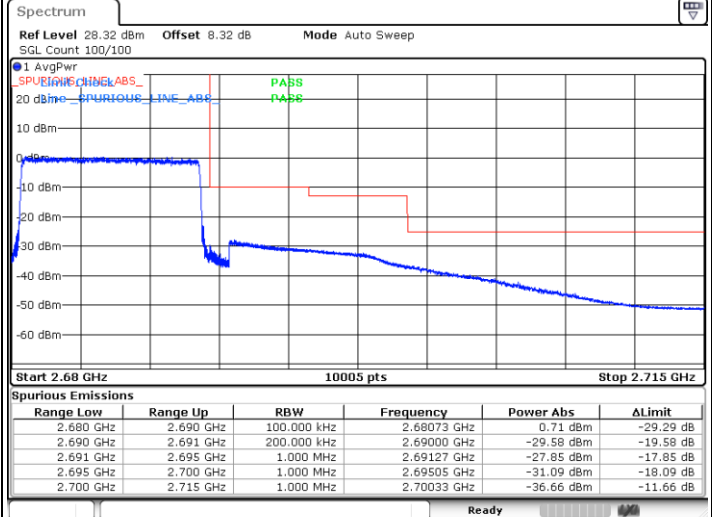
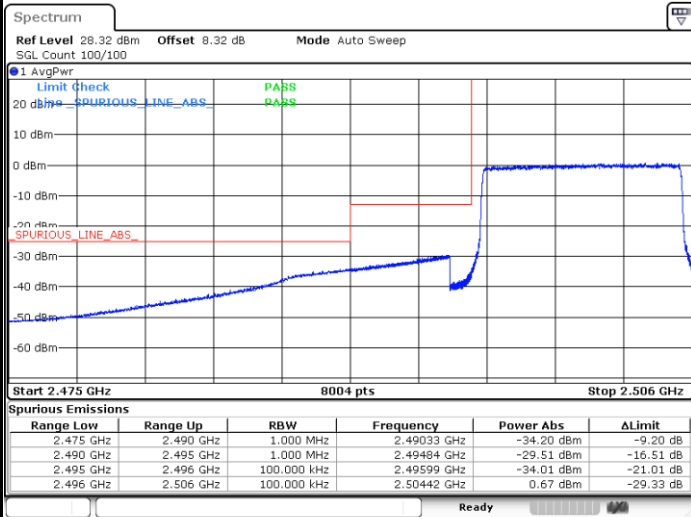
Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

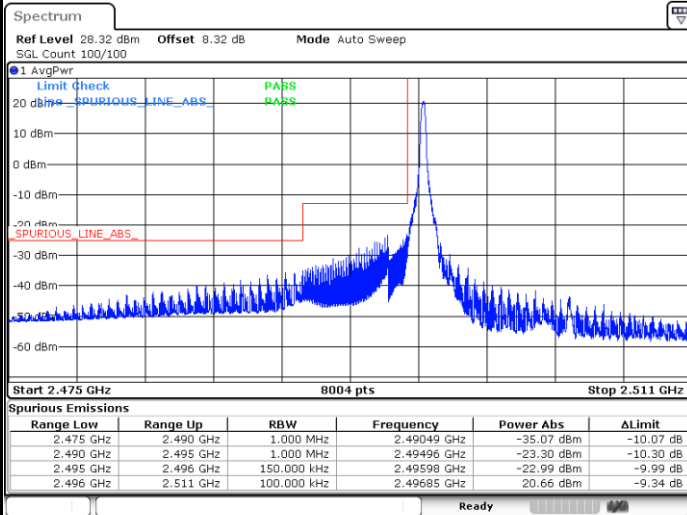
Highest Band Edge / Full RB



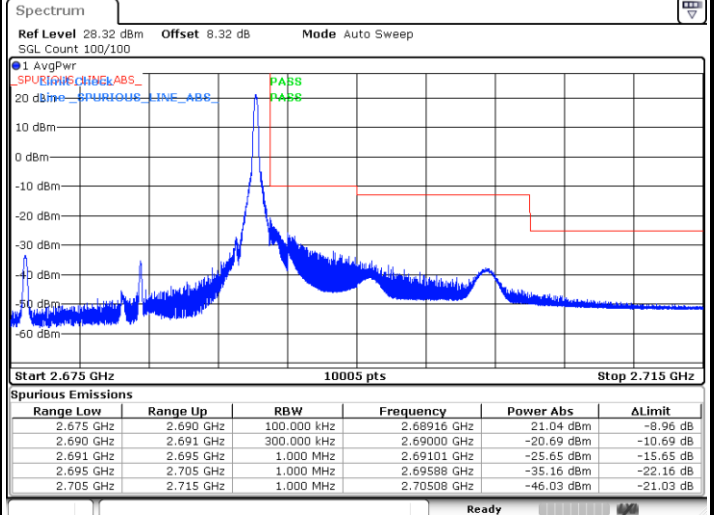


LTE Band 41 / 15MHz / QPSK

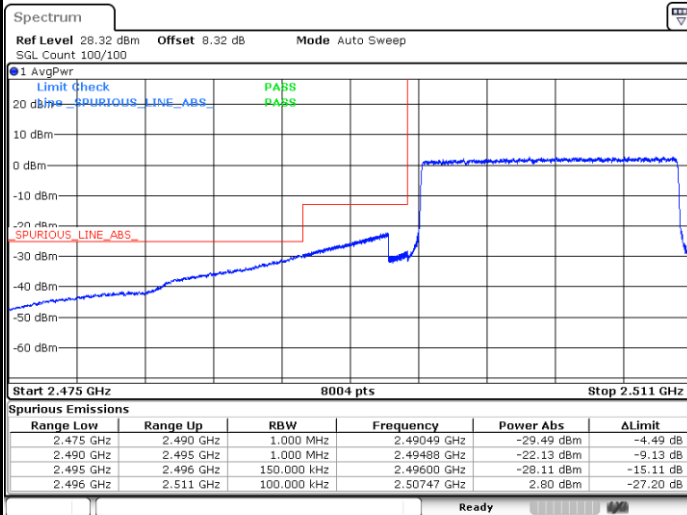
Lowest Band Edge / 1 RB



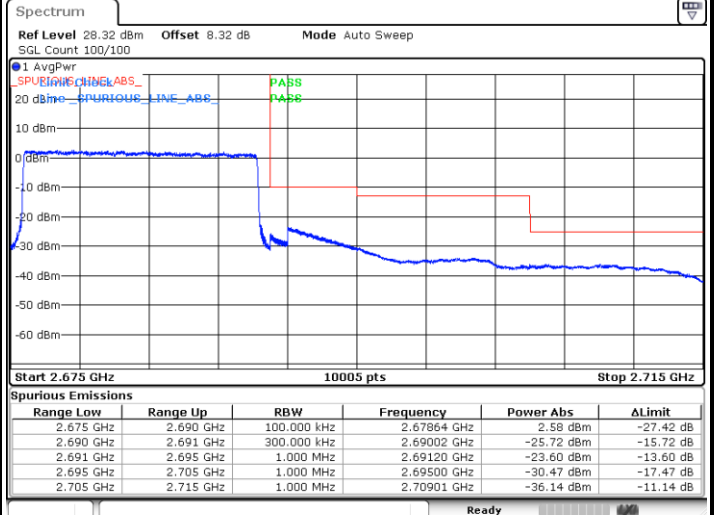
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



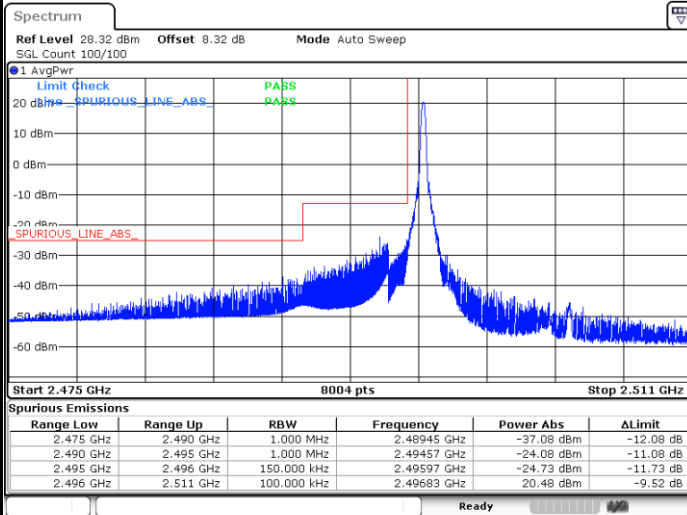
Highest Band Edge / Full RB



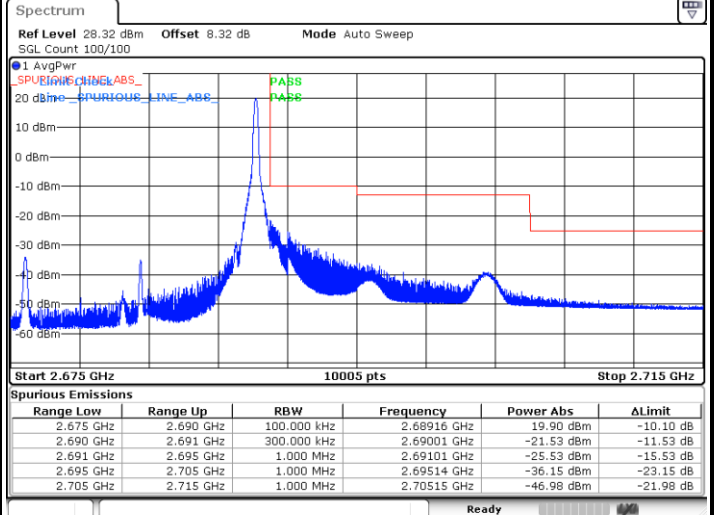


LTE Band 41 / 15MHz / 16QAM

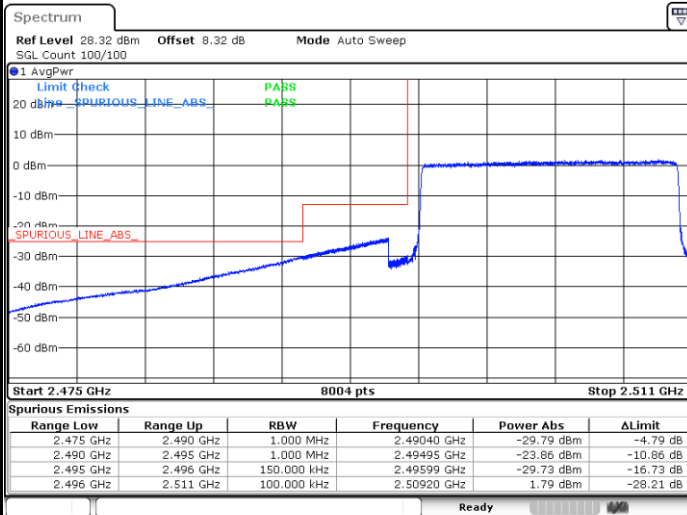
Lowest Band Edge / 1 RB



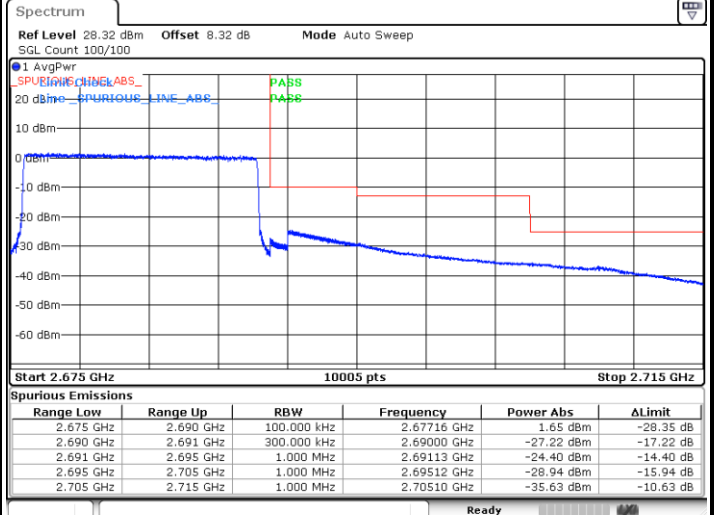
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



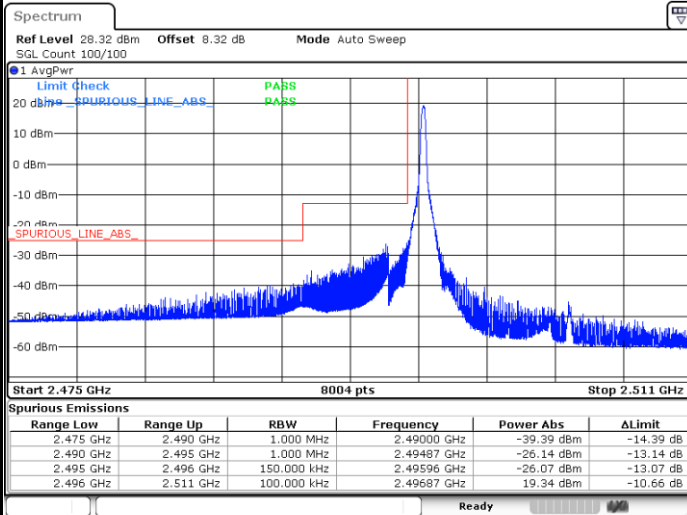
Highest Band Edge / Full RB





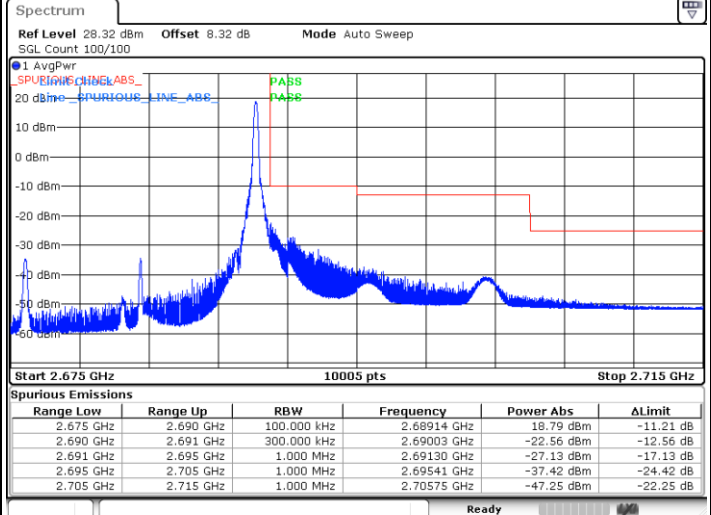
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



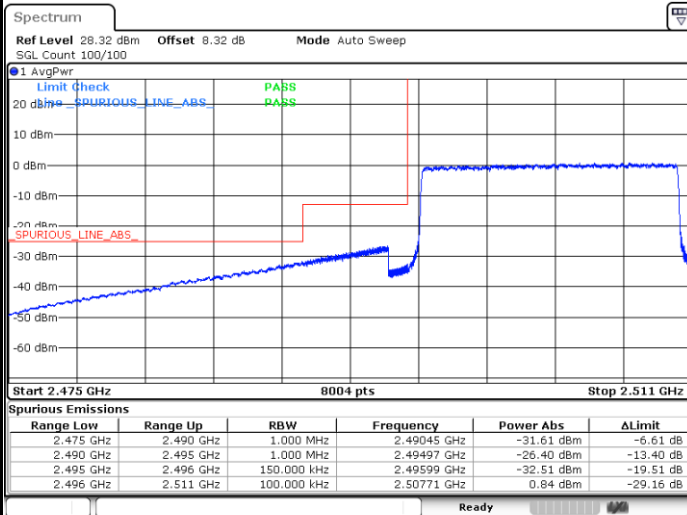
Date: 7.MAR.2024 05:30:51

Highest Band Edge / 1 RB



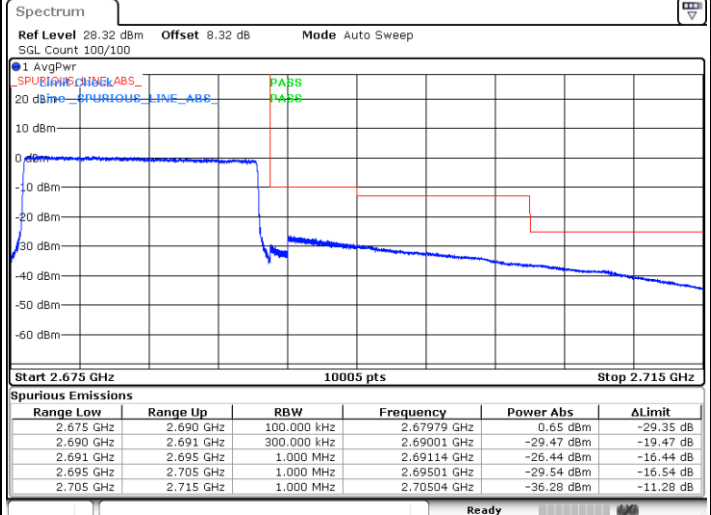
Date: 7.MAR.2024 05:43:04

Lowest Band Edge / Full RB



Date: 7.MAR.2024 05:35:34

Highest Band Edge / Full RB

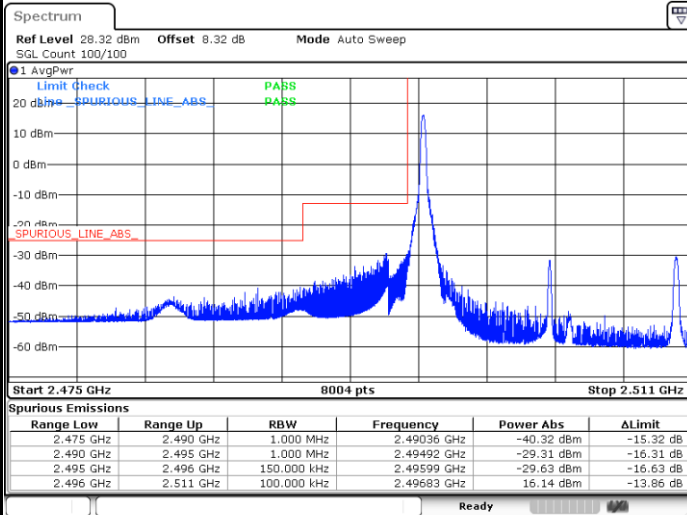


Date: 7.MAR.2024 05:47:44

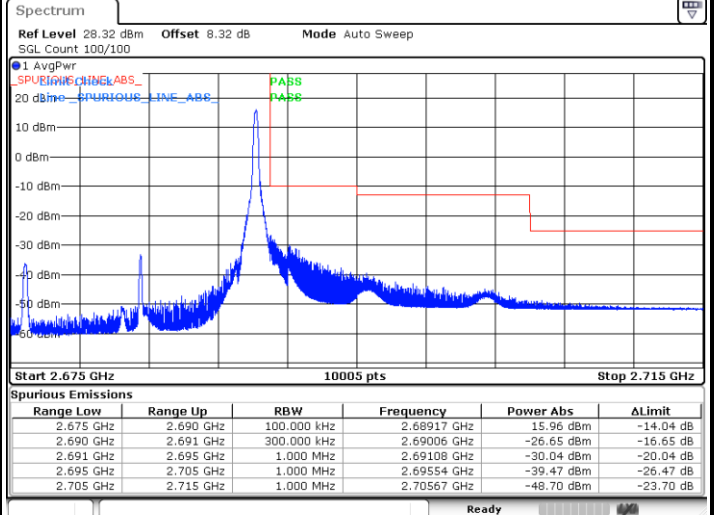


LTE Band 41 / 15MHz / 256QAM

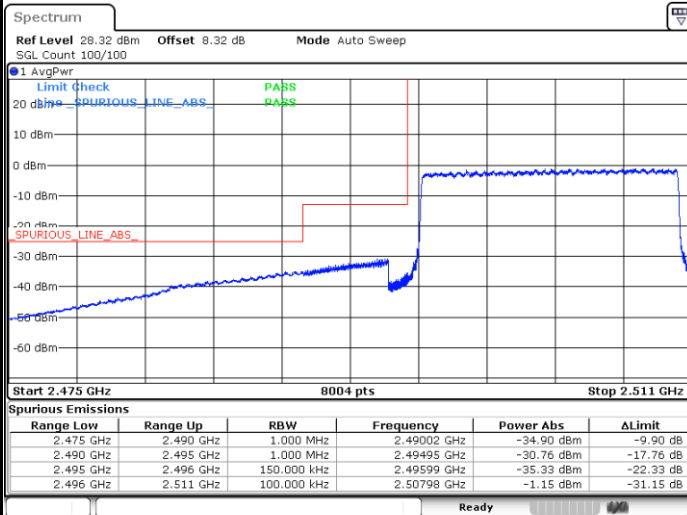
Lowest Band Edge / 1 RB



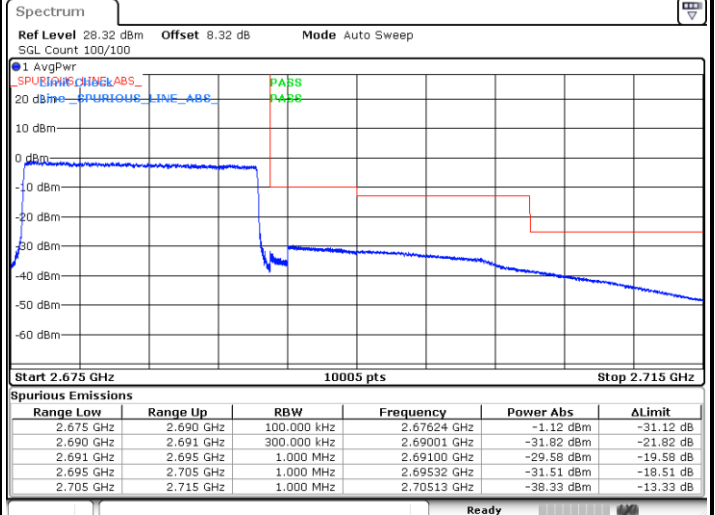
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



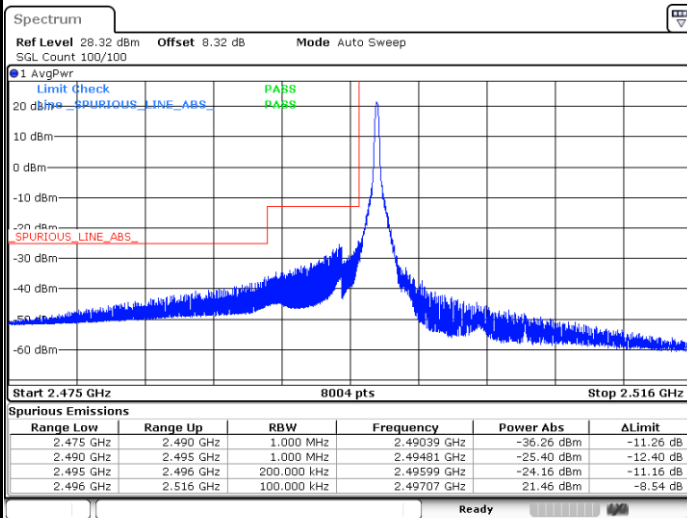
Highest Band Edge / Full RB





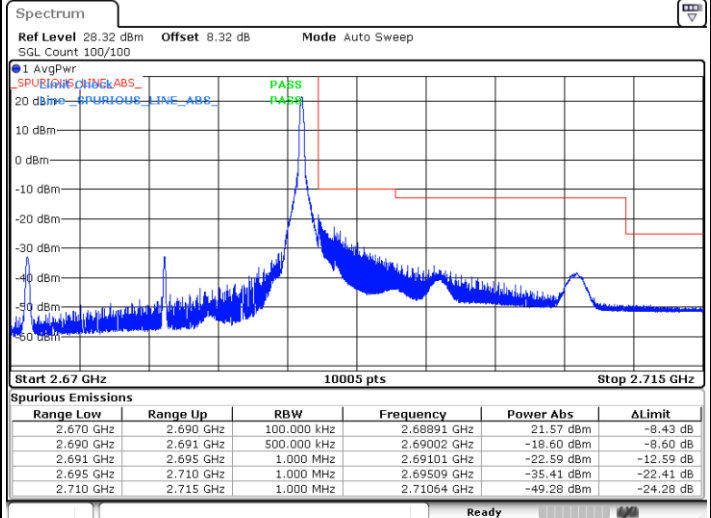
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



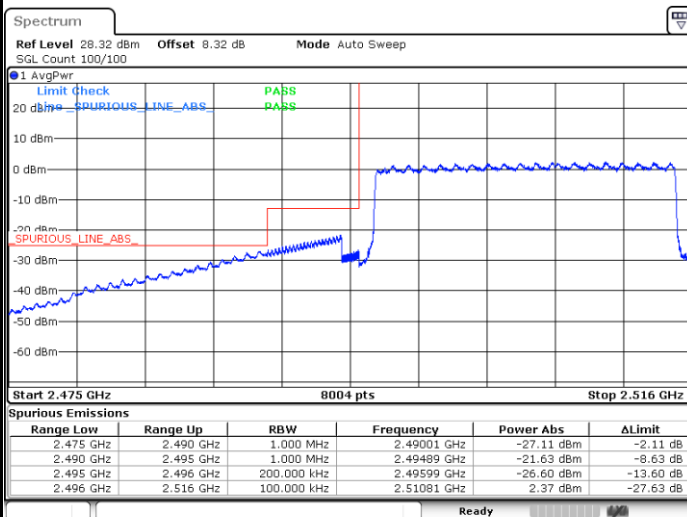
Date: 7.MAR.2024 05:52:01

Highest Band Edge / 1 RB



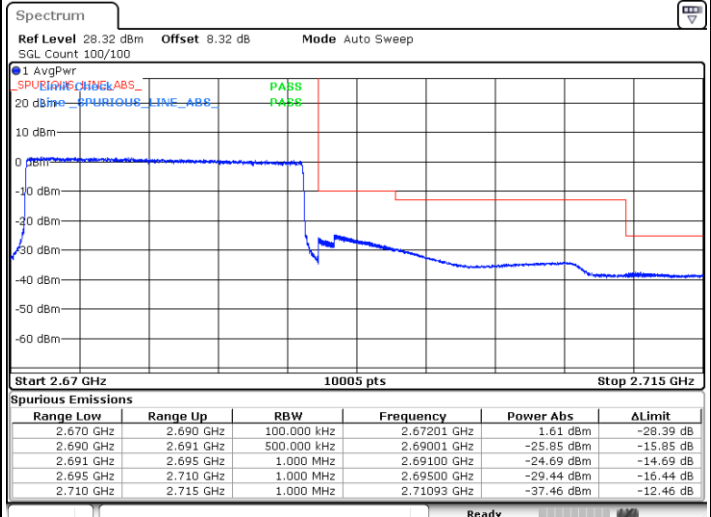
Date: 7.MAR.2024 06:04:17

Lowest Band Edge / Full RB



Date: 7.MAR.2024 05:56:45

Highest Band Edge / Full RB

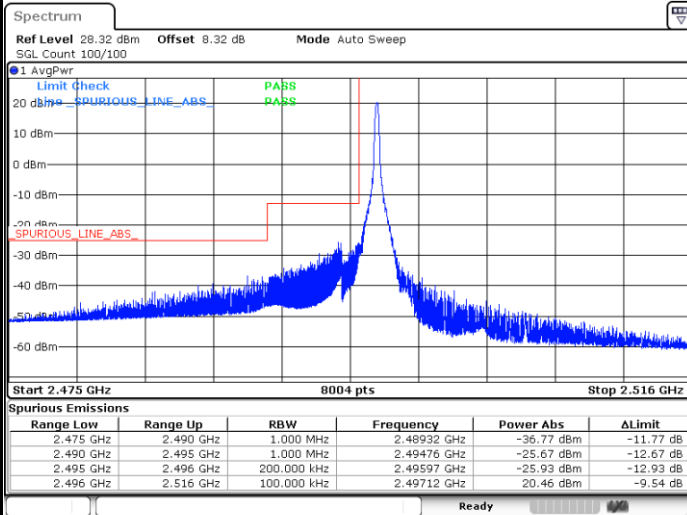


Date: 7.MAR.2024 06:08:56



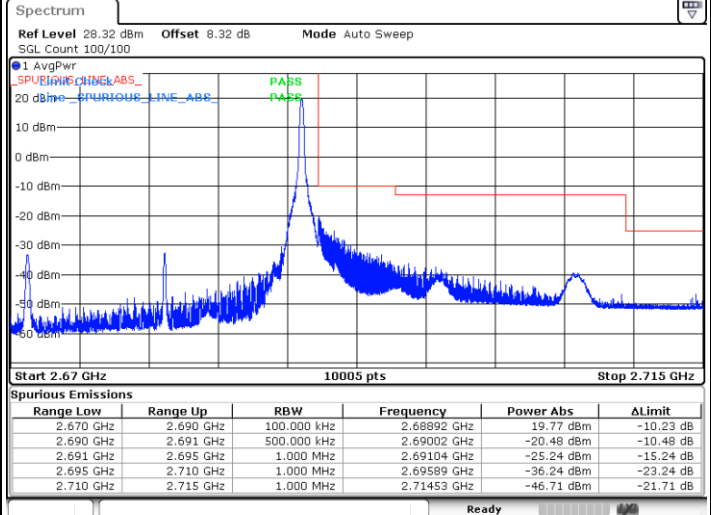
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



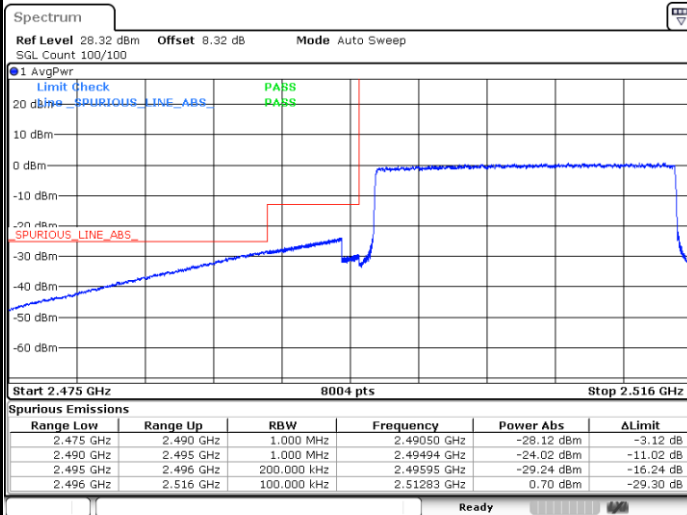
Date: 7.MAR.2024 05:53:11

Highest Band Edge / 1 RB



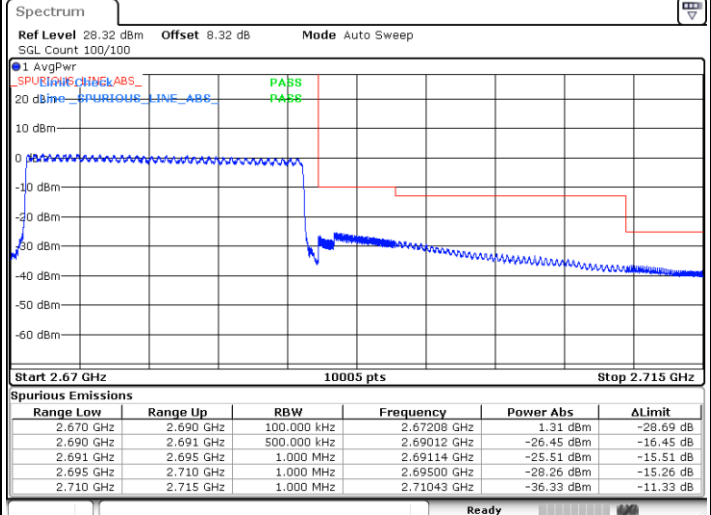
Date: 7.MAR.2024 06:05:26

Lowest Band Edge / Full RB



Date: 7.MAR.2024 05:57:55

Highest Band Edge / Full RB



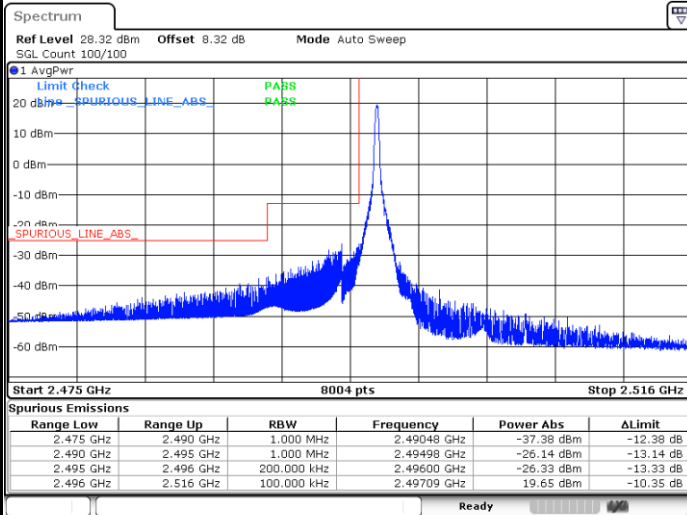
Date: 7.MAR.2024 06:10:05



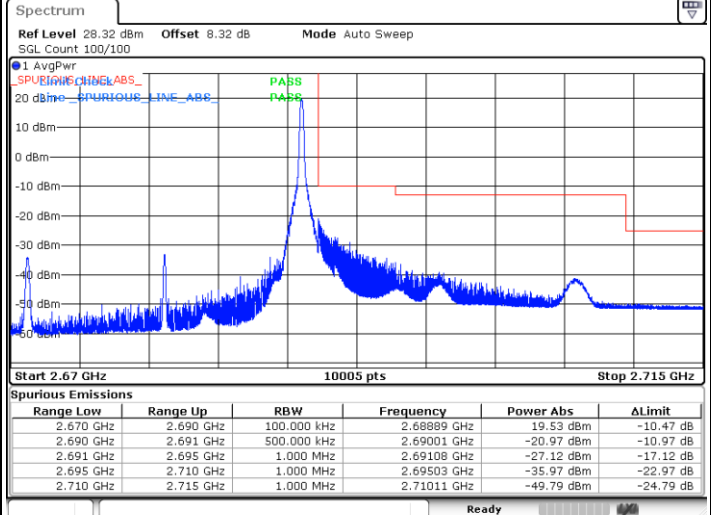


LTE Band 41 / 20MHz / 64QAM

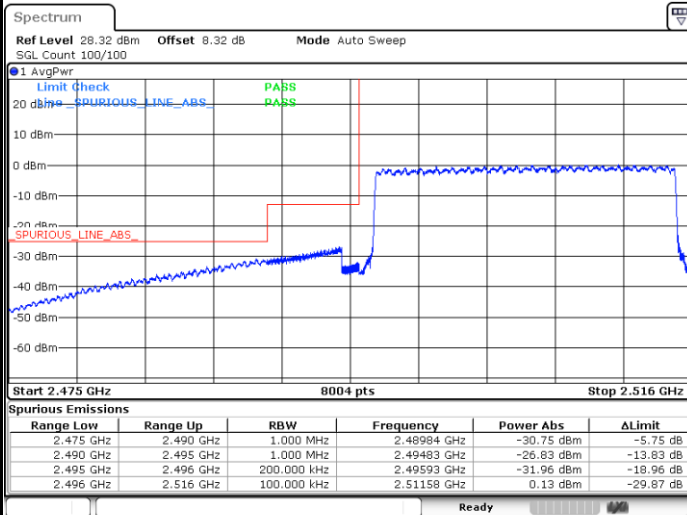
Lowest Band Edge / 1 RB



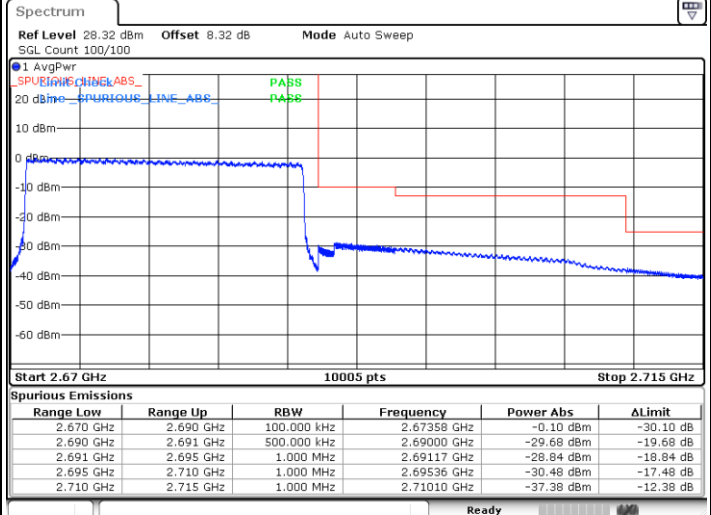
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

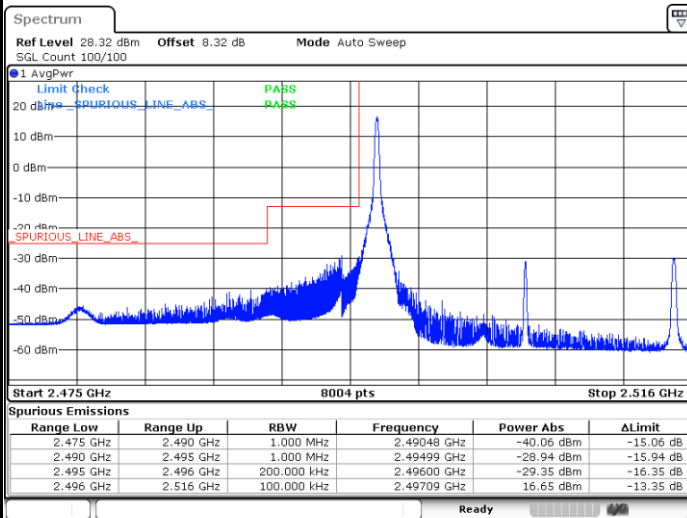






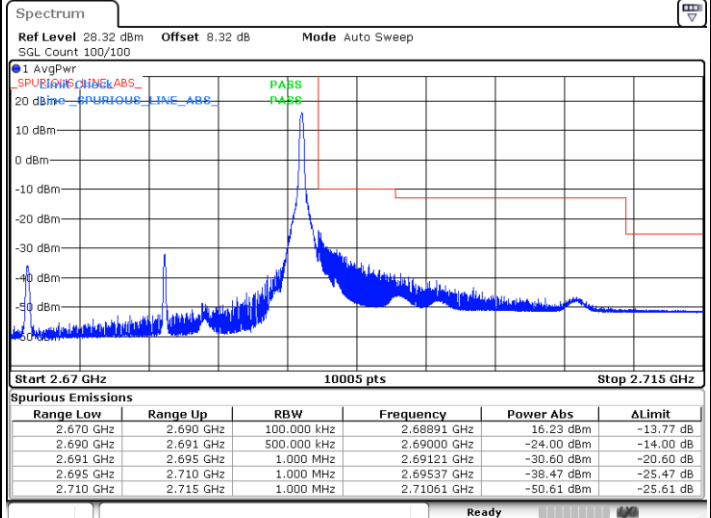
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



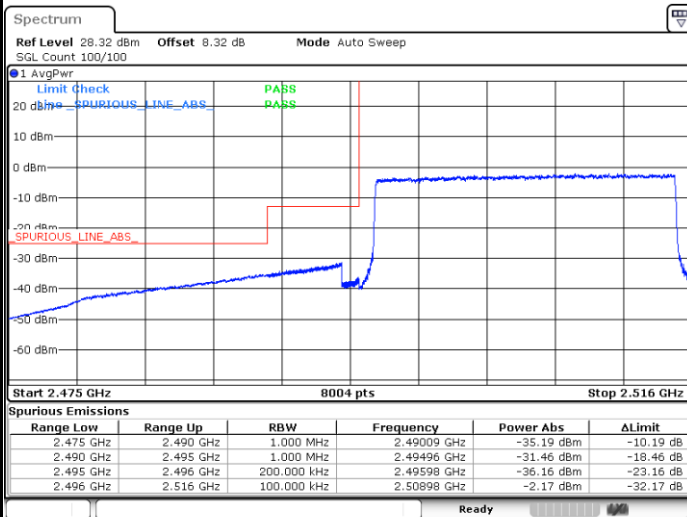
Date: 7.MAR.2024 05:55:32

Highest Band Edge / 1 RB



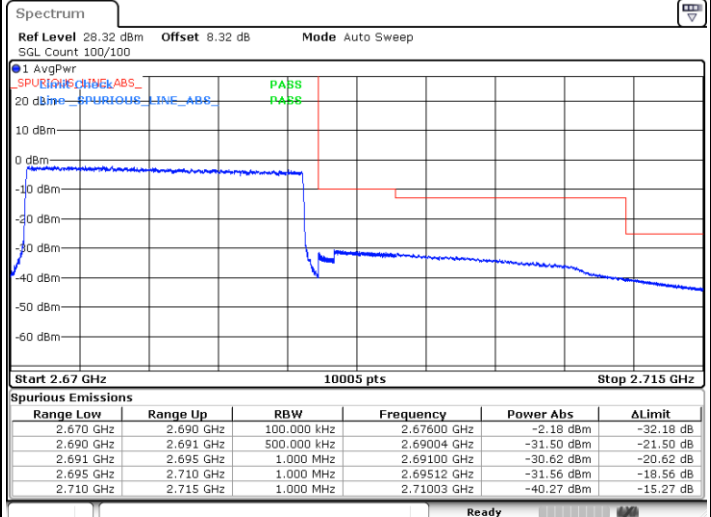
Date: 7.MAR.2024 06:07:44

Lowest Band Edge / Full RB



Date: 7.MAR.2024 06:00:14

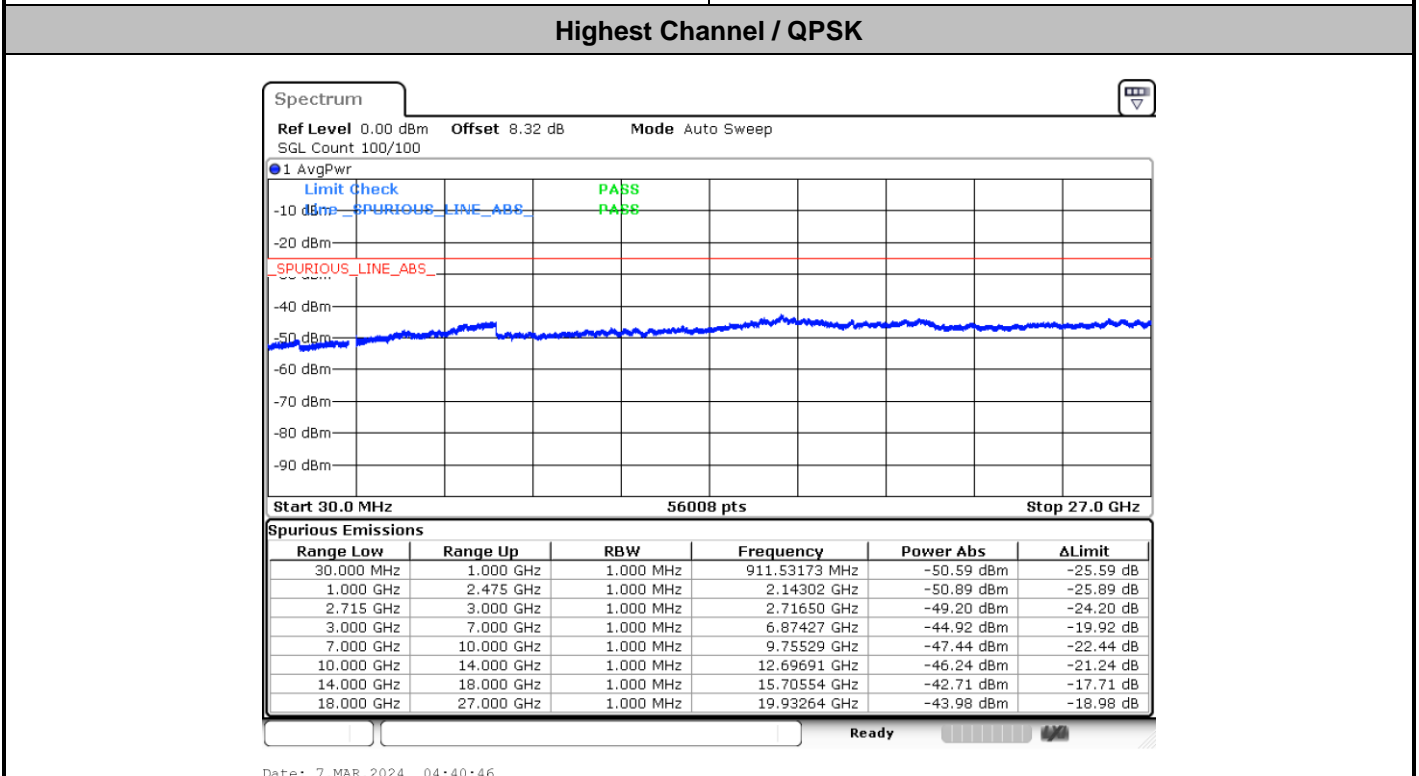
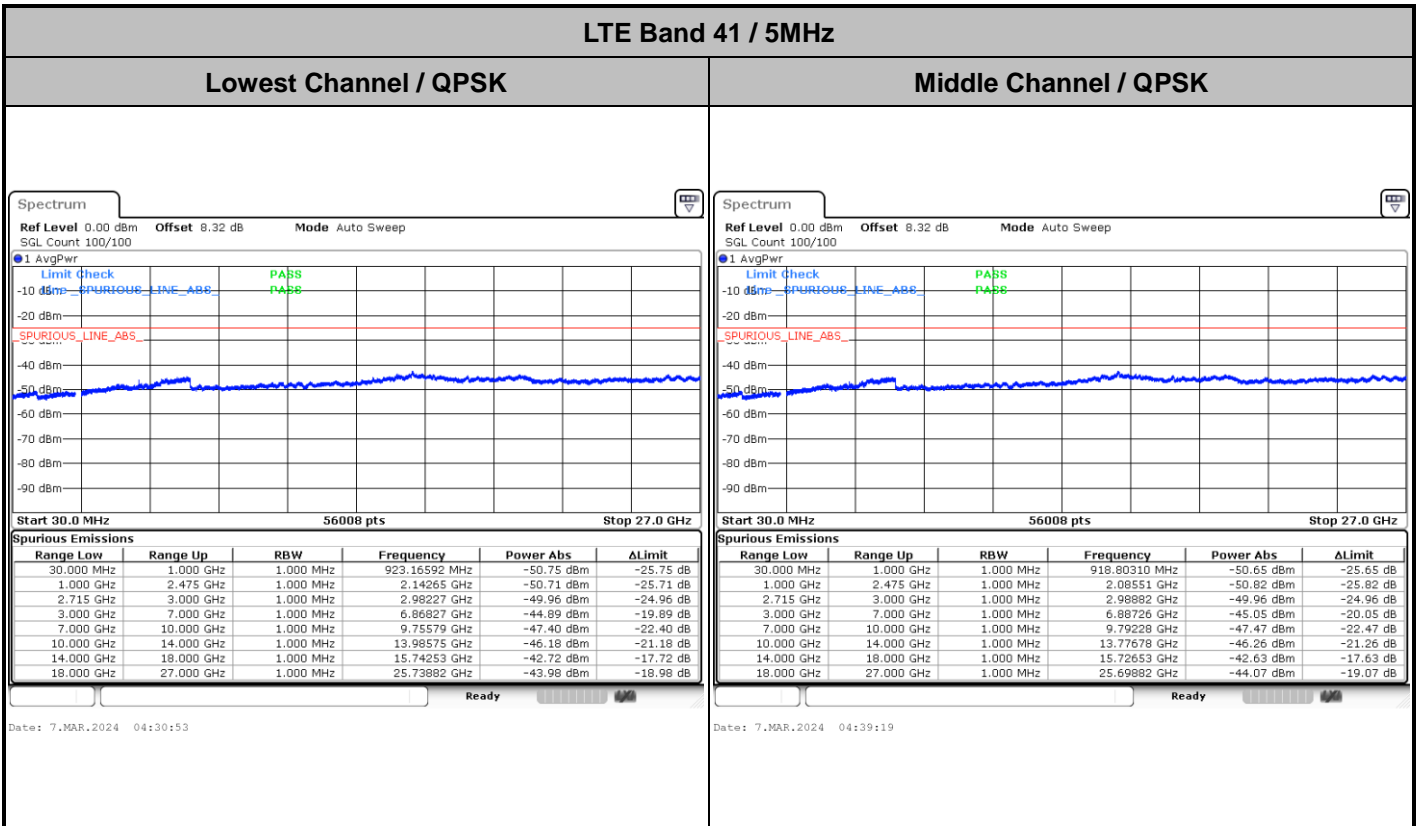
Highest Band Edge / Full RB



Date: 7.MAR.2024 06:12:23



# Conducted Spurious Emission

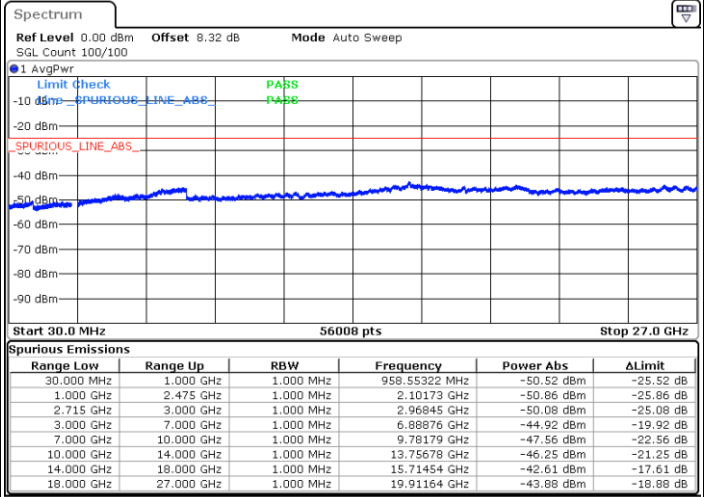
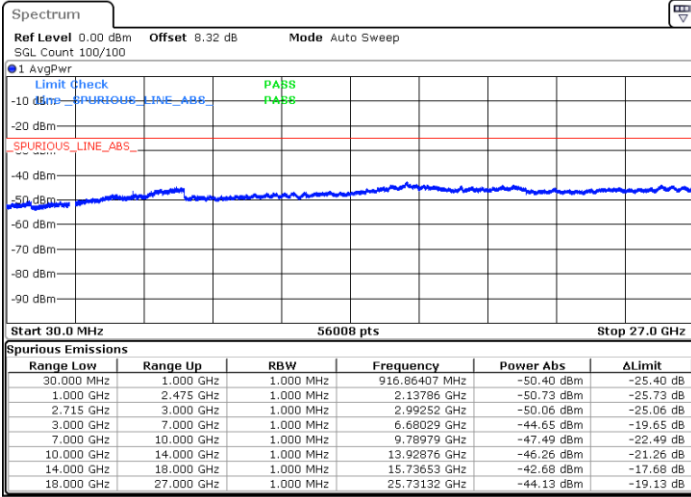




LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

