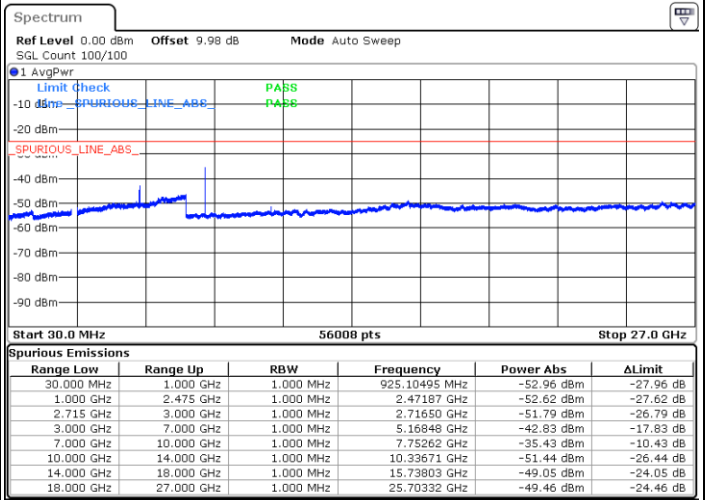
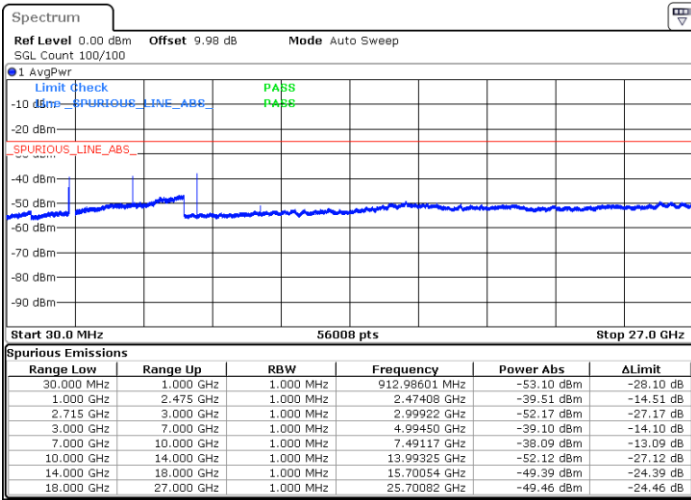




LTE Band 41 / 20MHz

Lowest Channel / QPSK

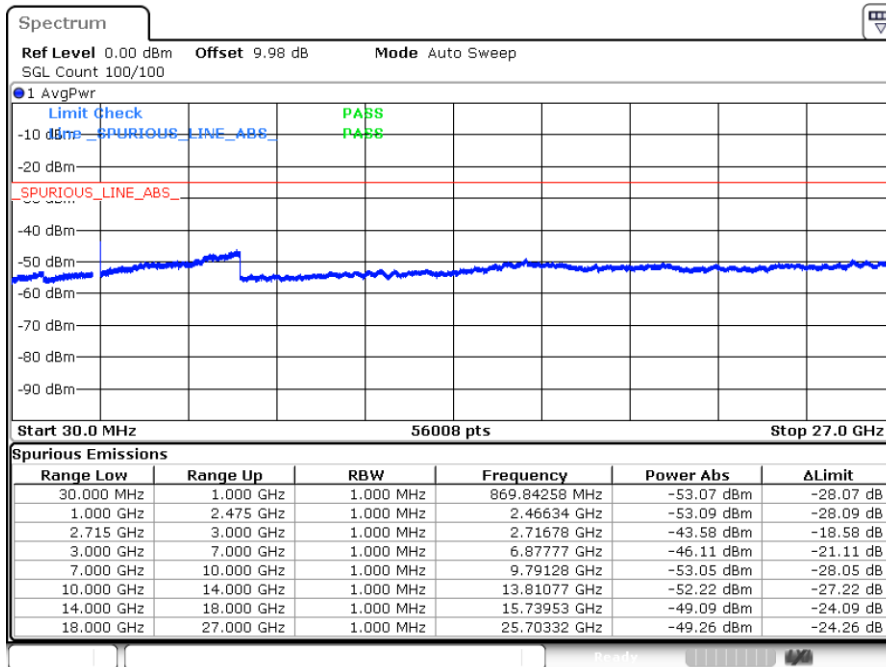
Middle Channel / QPSK



Date: 21.FEB.2024 04:19:37

Date: 21.FEB.2024 04:28:37

Highest Channel / QPSK



Date: 21.FEB.2024 04:29:59



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	0.0021	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0040	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0031	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0028	
20	Battery End Point	0.0053	

Note:

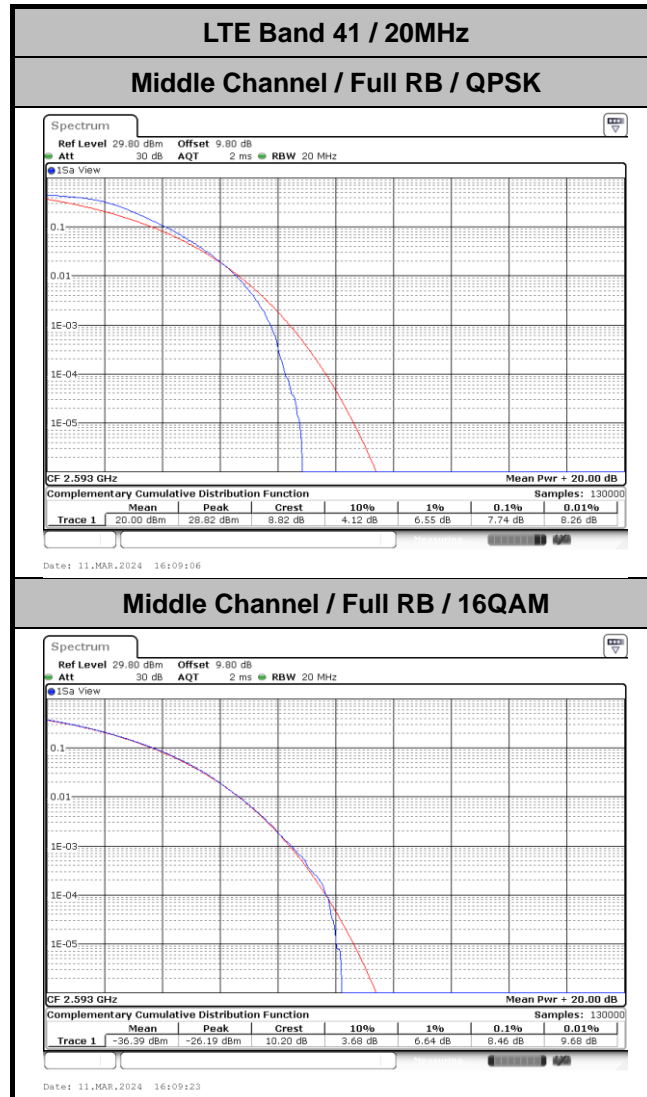
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.5V.
2. The frequency fundamental emissions stay within the authorized frequency block.

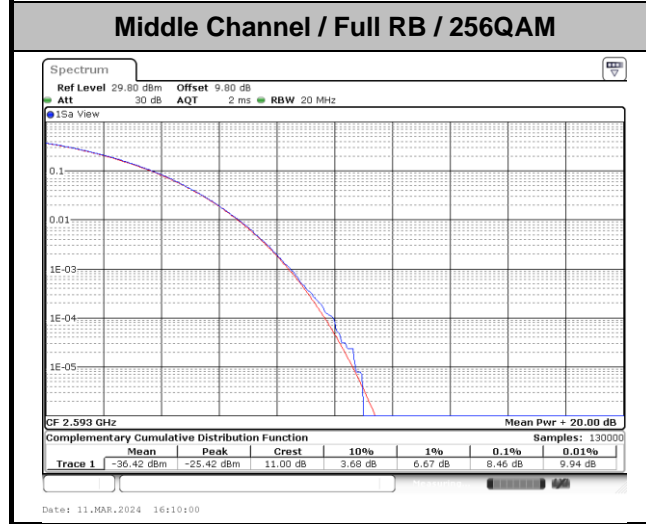
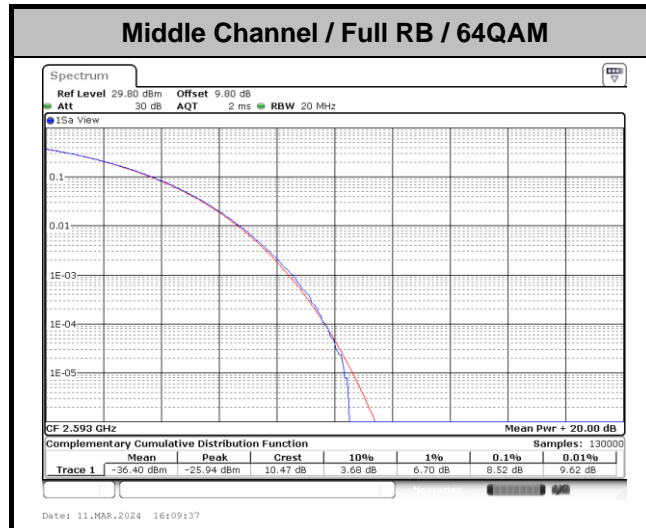


# LTE Band 41(Other PA)

## Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	7.74	8.46	8.52	8.46	PASS

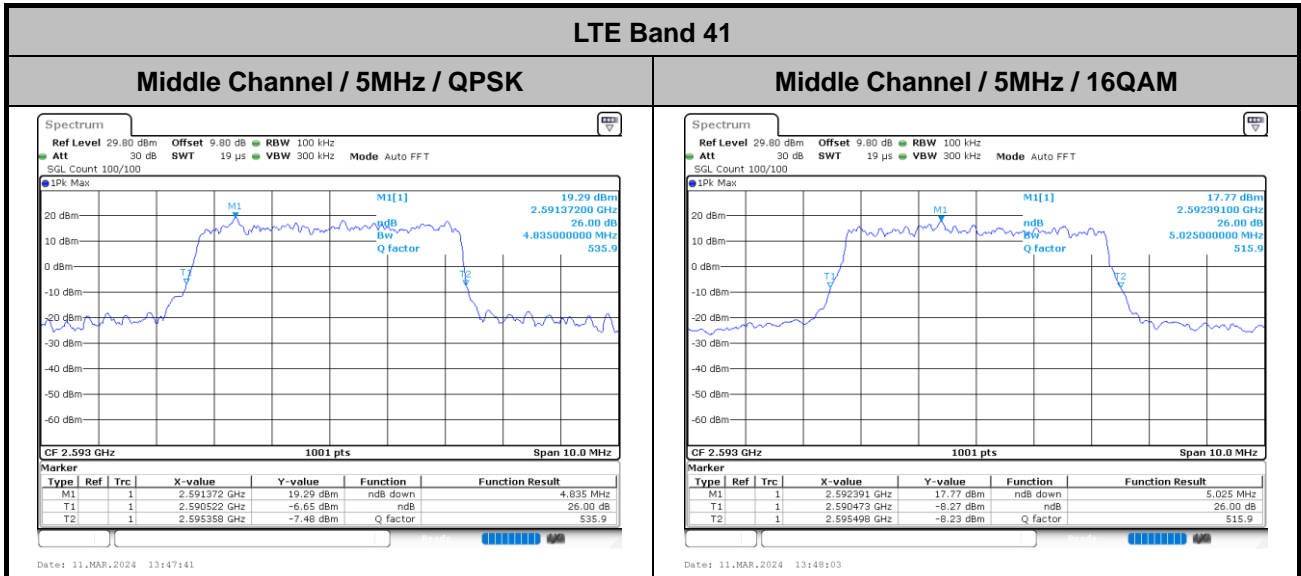






**26dB Bandwidth**

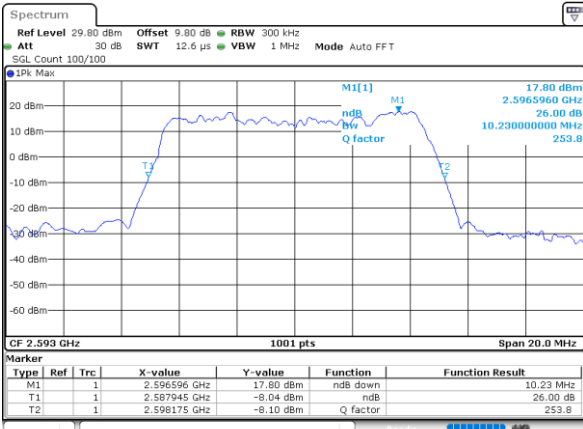
Mode	LTE Band 41 : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.84	5.03
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	10.23	10.03
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.42	14.15
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.90	18.74





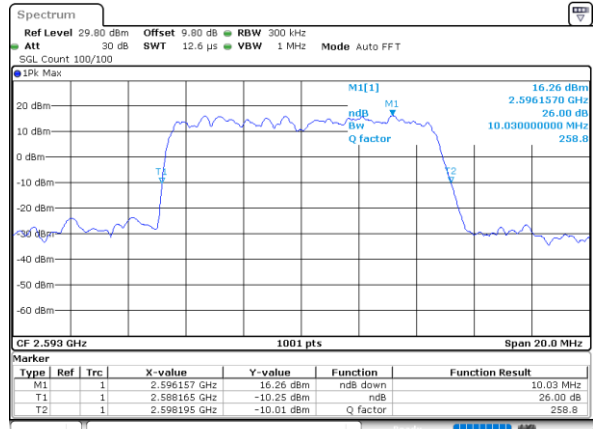
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 11.MAR.2024 14:37:58

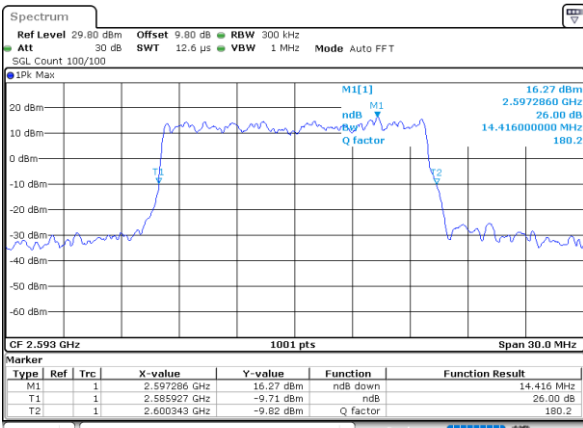
Middle Channel / 10MHz / 16QAM



Date: 11.MAR.2024 14:38:27

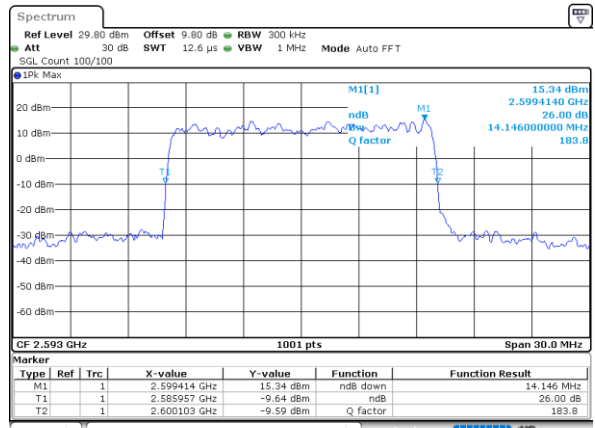
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 11.MAR.2024 15:06:05

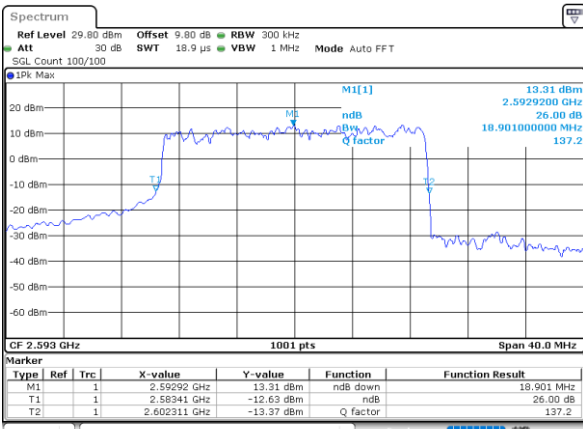
Middle Channel / 15MHz / 16QAM



Date: 11.MAR.2024 15:07:05

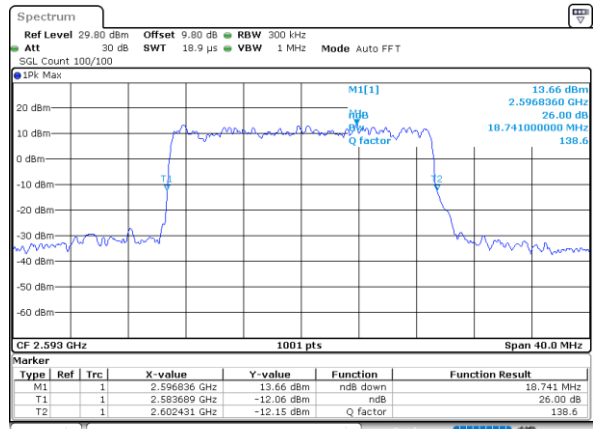
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 11.MAR.2024 15:40:51

Middle Channel / 20MHz / 16QAM

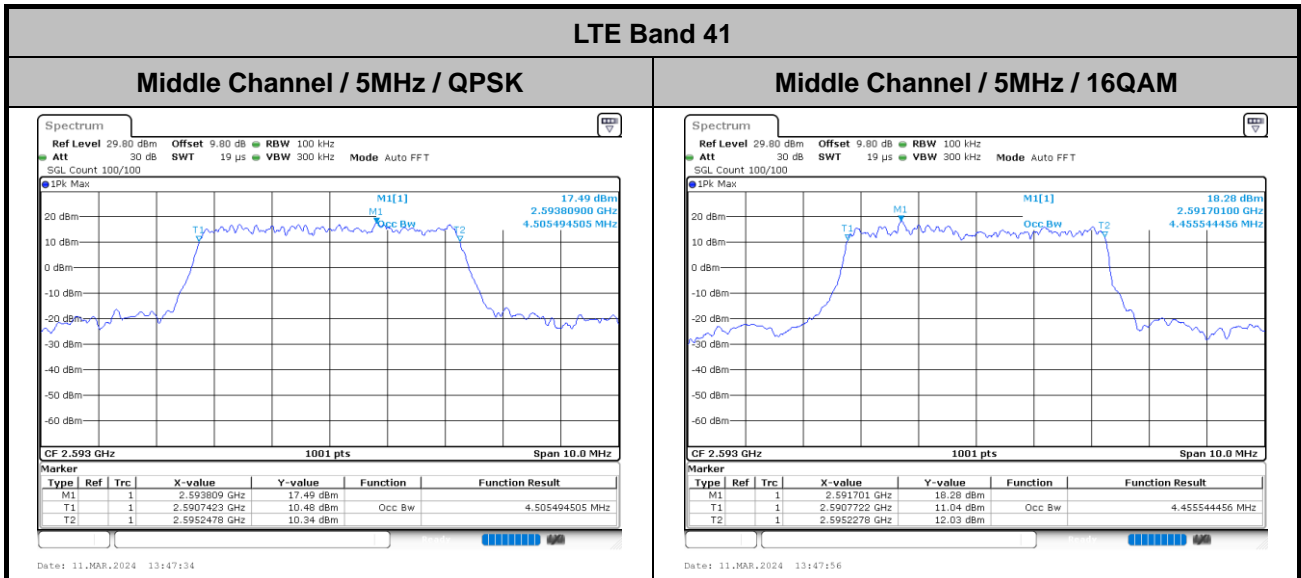


Date: 11.MAR.2024 15:41:23



## Occupied Bandwidth

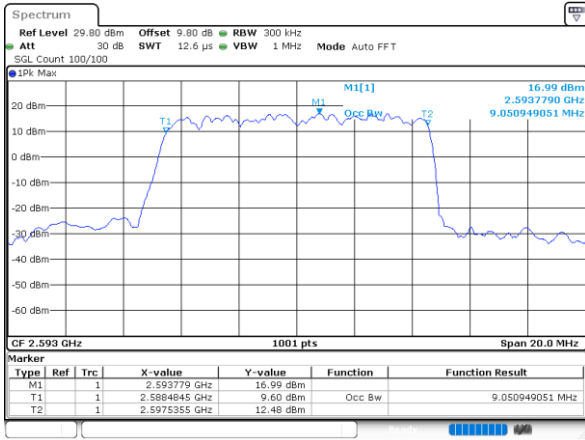
Mode	LTE Band 41 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.51	4.46
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.05	9.03
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.49	13.46
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.82	17.90





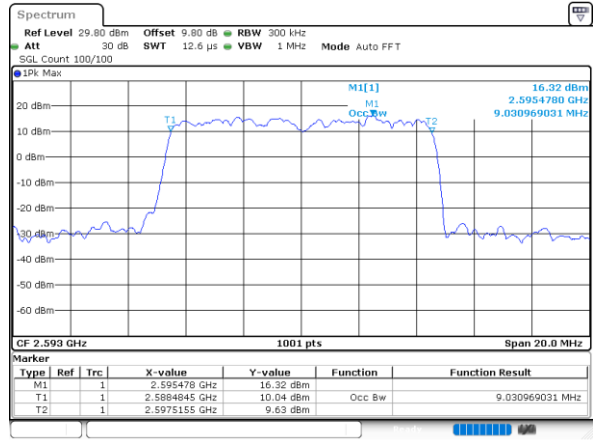
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 11.MAR.2024 14:37:36

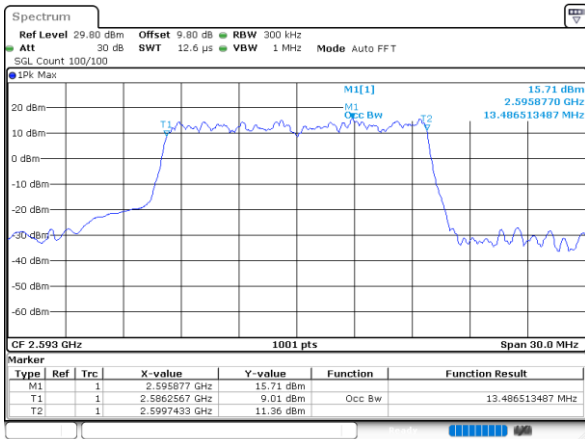
Middle Channel / 10MHz / 16QAM



Date: 11.MAR.2024 14:38:13

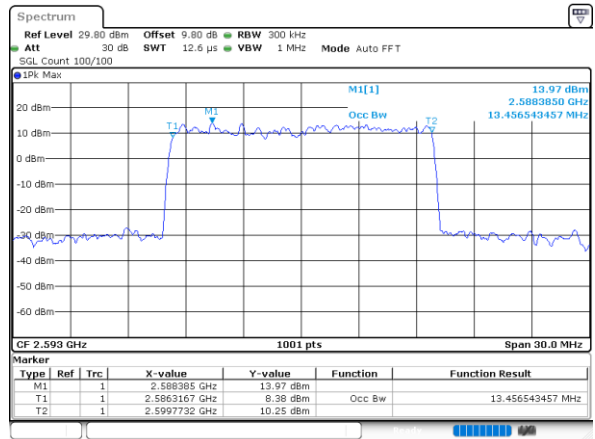
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 11.MAR.2024 15:05:56

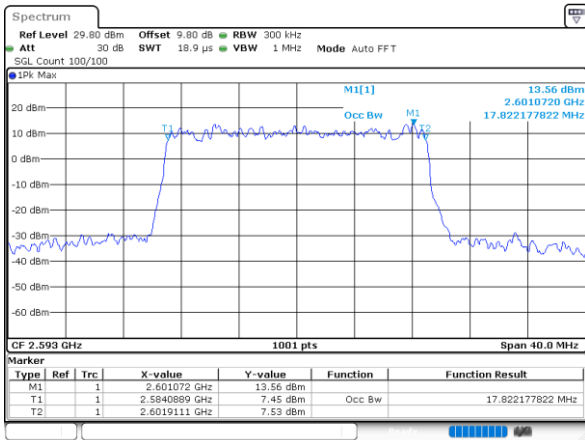
Middle Channel / 15MHz / 16QAM



Date: 11.MAR.2024 15:06:31

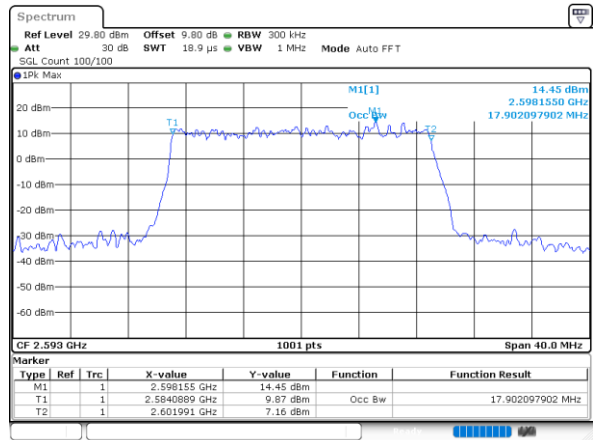
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 11.MAR.2024 15:40:37

Middle Channel / 20MHz / 16QAM

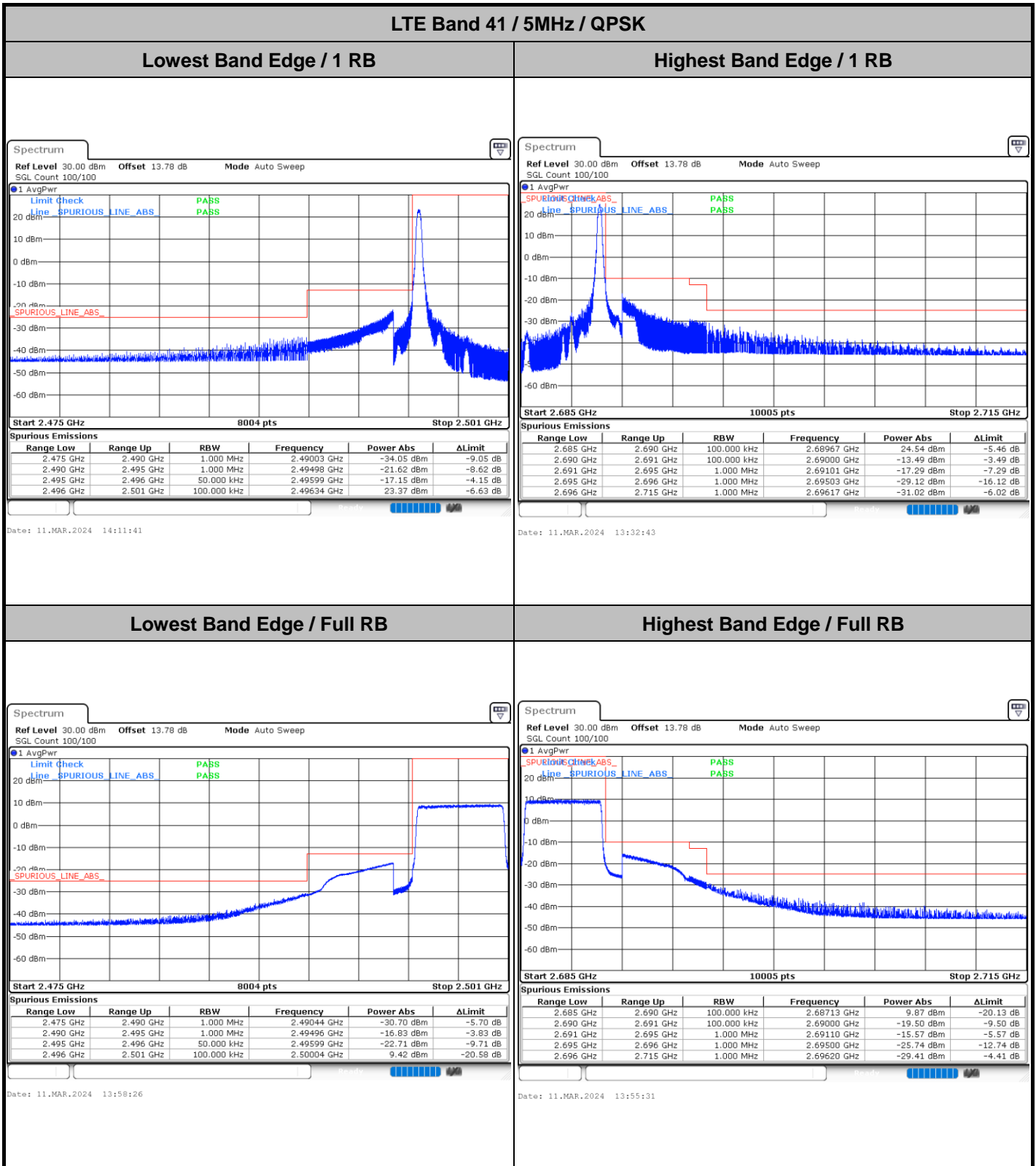


Date: 11.MAR.2024 15:41:13





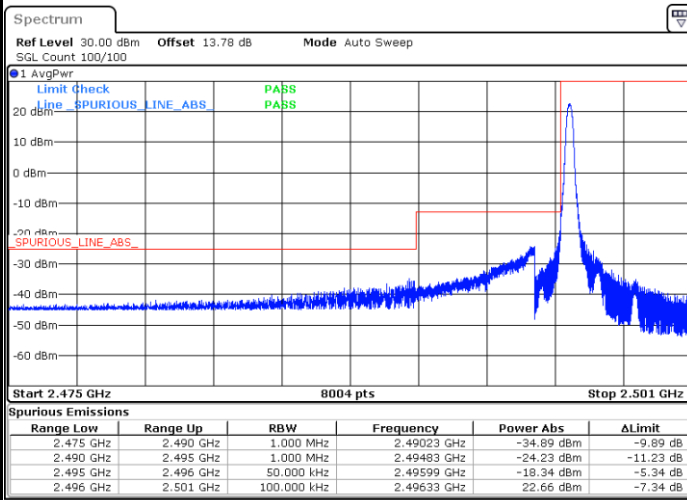
# Conducted Band Edge





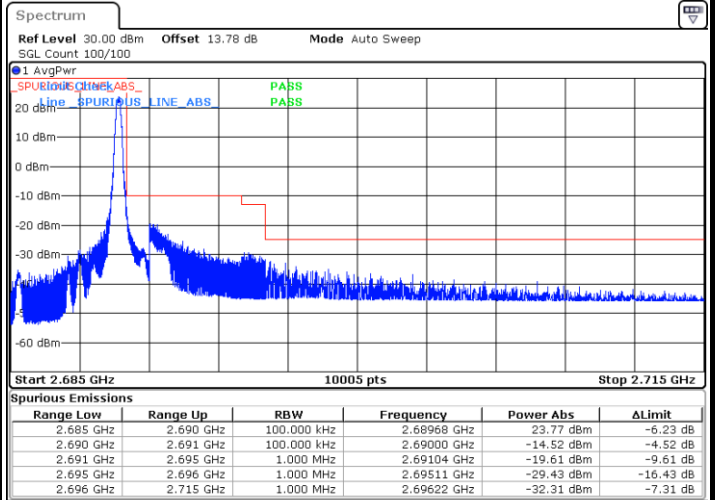
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



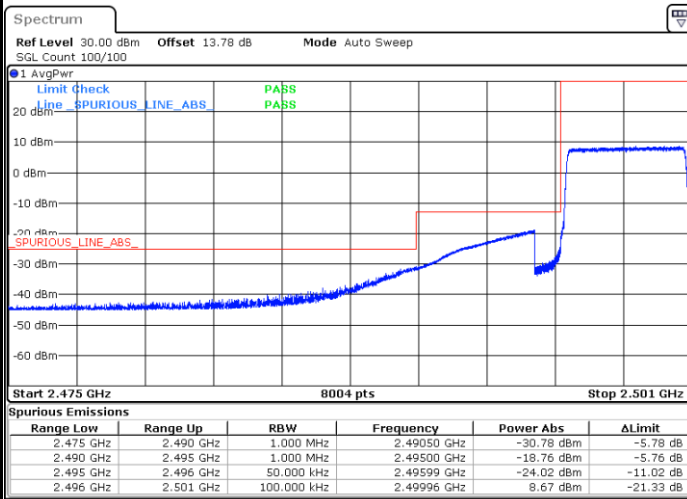
Date: 11.MAR.2024 14:08:57

Highest Band Edge / 1 RB



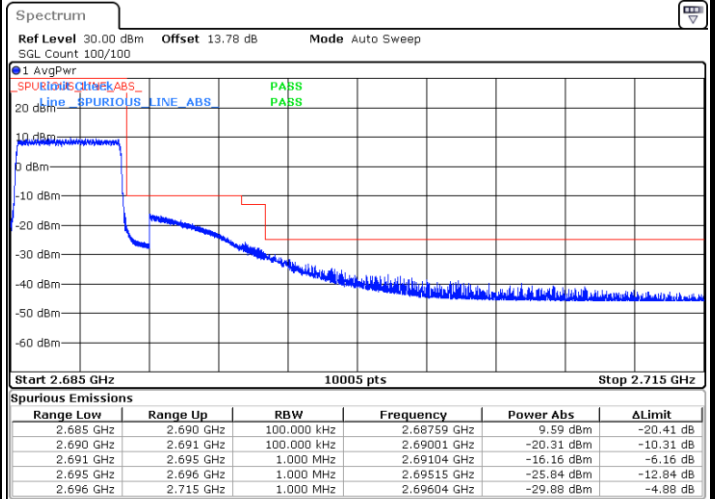
Date: 11.MAR.2024 13:35:28

Lowest Band Edge / Full RB



Date: 11.MAR.2024 14:00:15

Highest Band Edge / Full RB

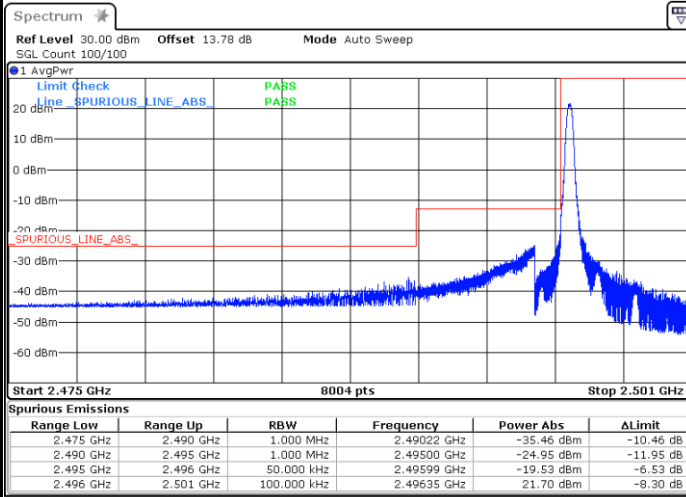


Date: 11.MAR.2024 13:41:00



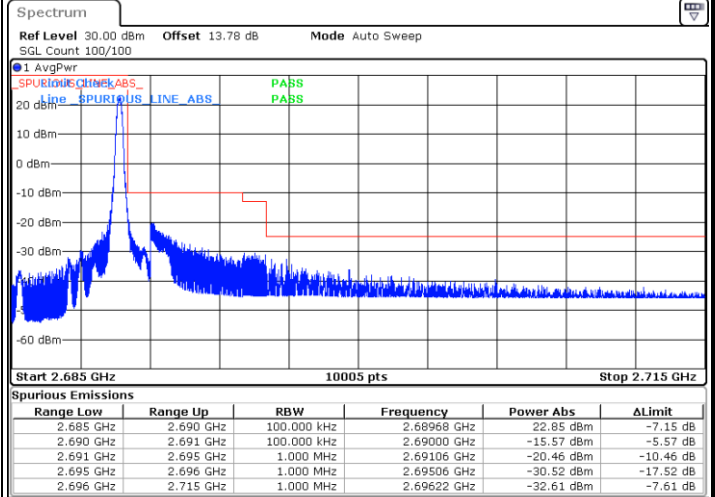
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



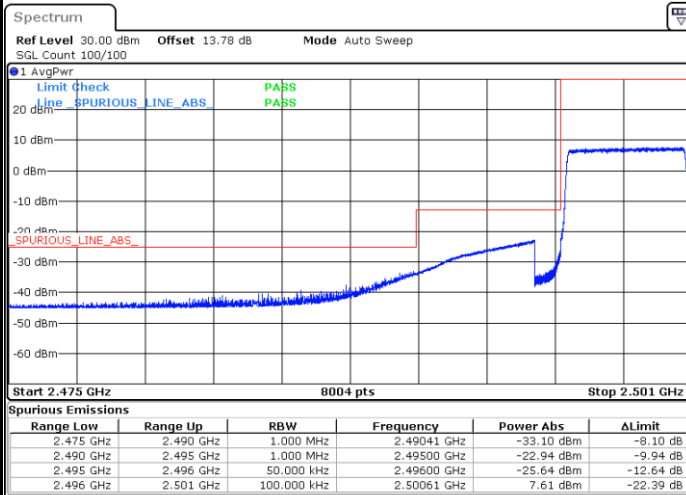
Date: 11.MAR.2024 14:07:11

Highest Band Edge / 1 RB



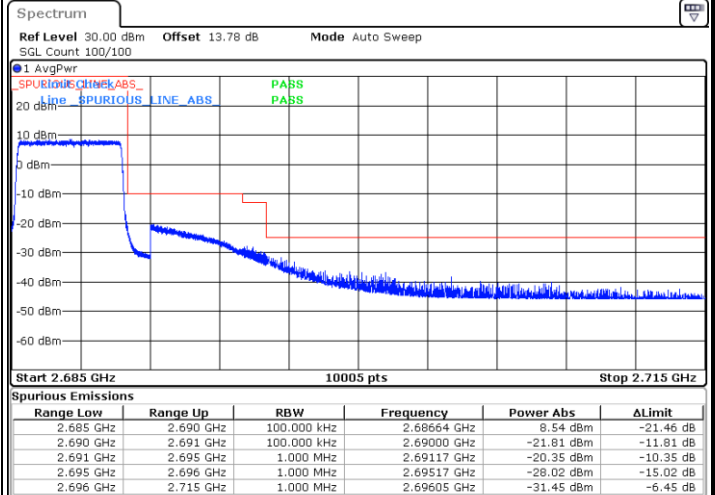
Date: 11.MAR.2024 13:37:30

Lowest Band Edge / Full RB



Date: 11.MAR.2024 14:04:47

Highest Band Edge / Full RB

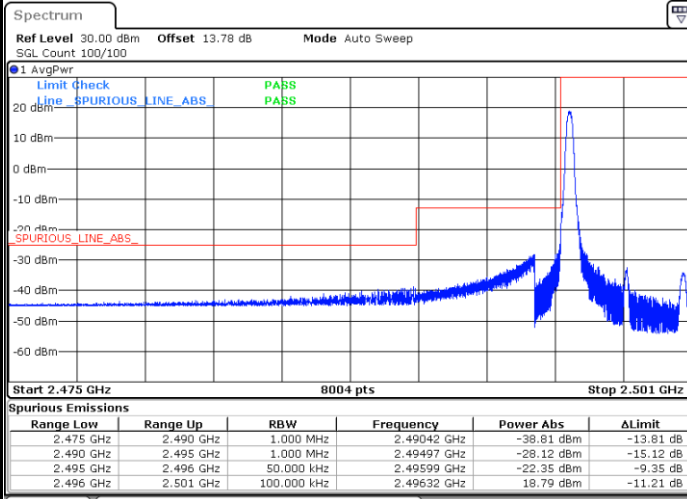


Date: 11.MAR.2024 13:39:25



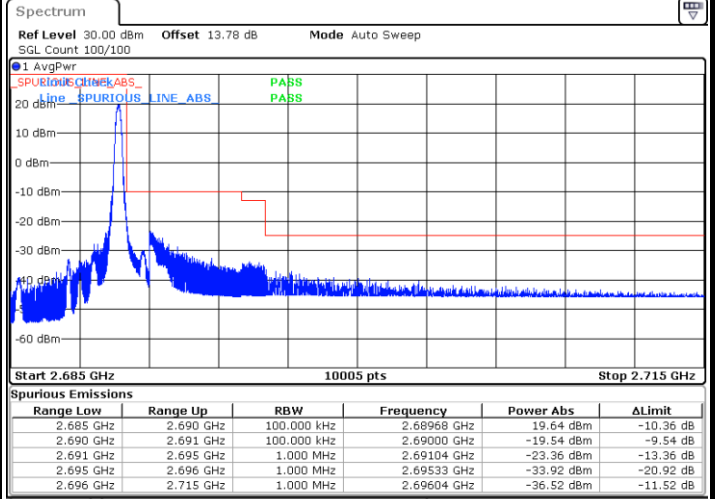
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



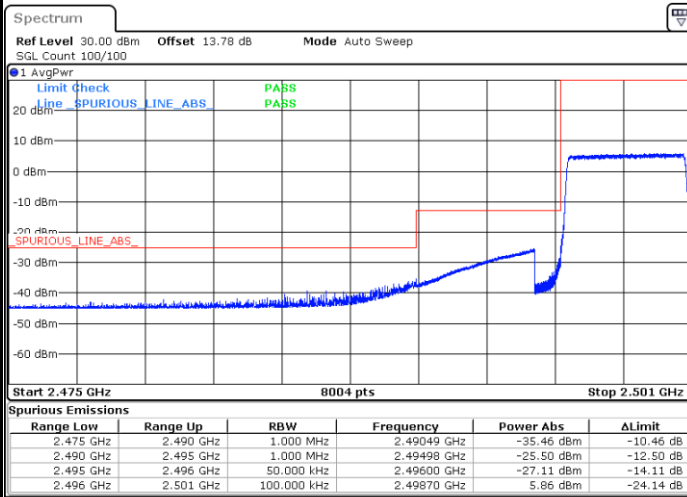
Date: 11.MAR.2024 13:24:54

Highest Band Edge / 1 RB



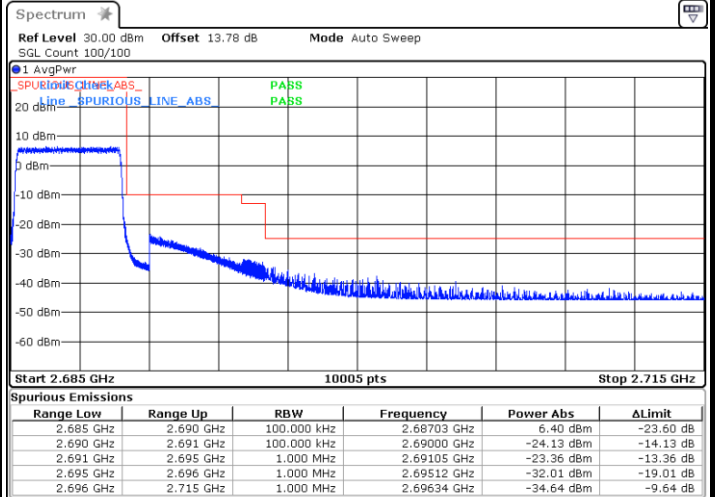
Date: 11.MAR.2024 13:30:13

Lowest Band Edge / Full RB



Date: 11.MAR.2024 13:22:54

Highest Band Edge / Full RB



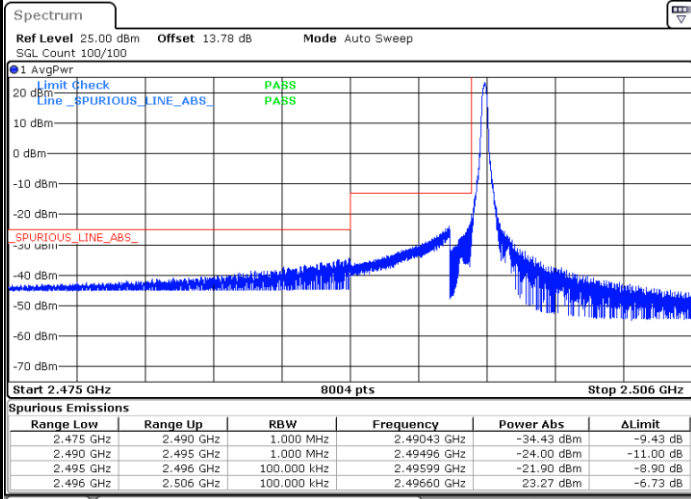
Date: 11.MAR.2024 13:27:32



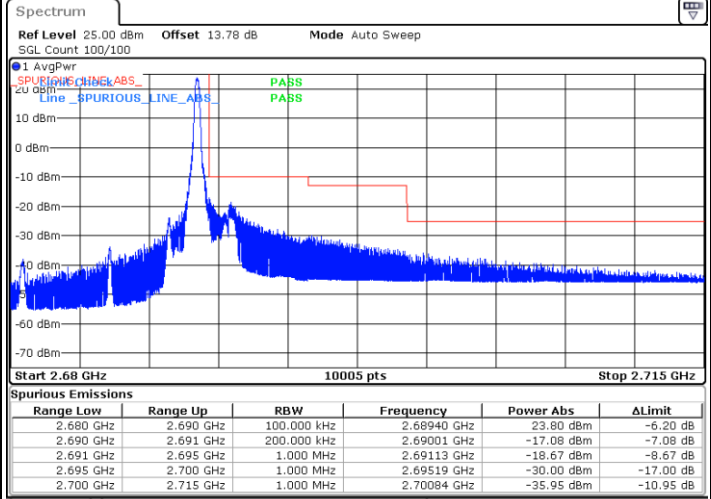
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



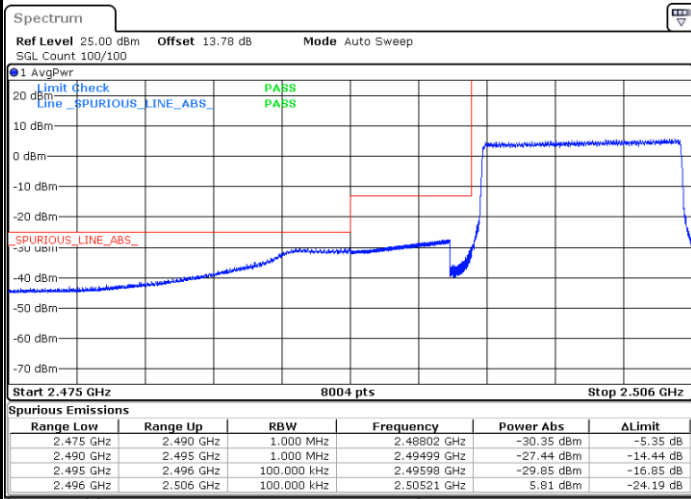
Date: 11.MAR.2024 14:29:18



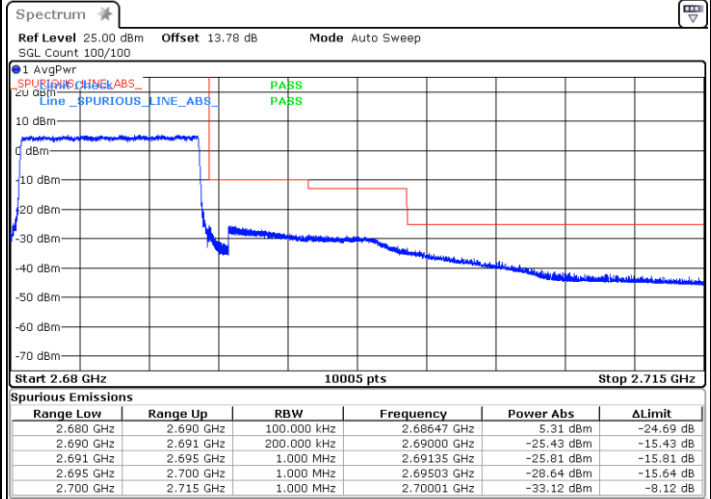
Date: 11.MAR.2024 14:46:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2024 14:16:31

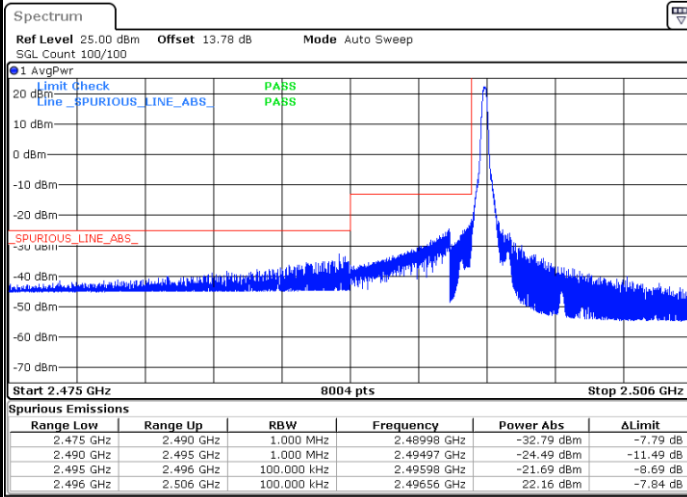


Date: 11.MAR.2024 14:40:19



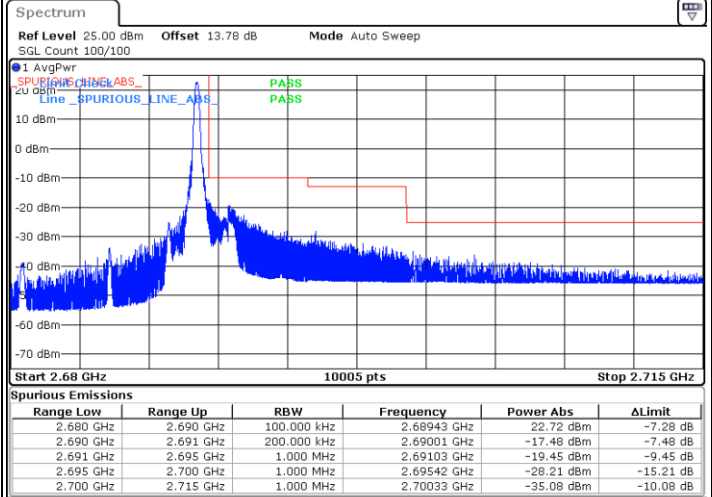
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



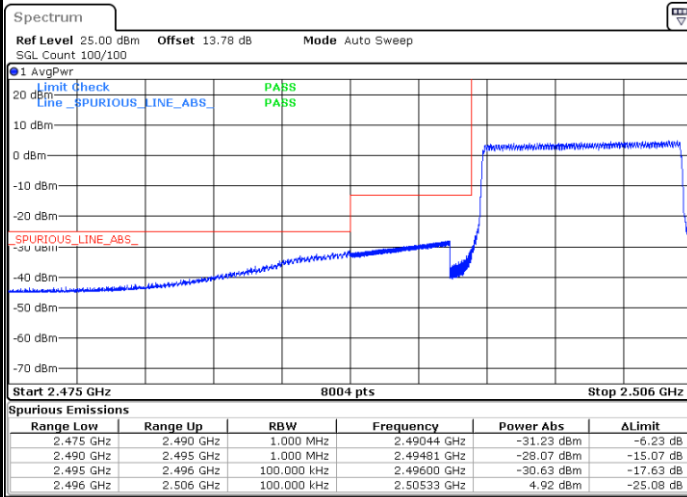
Date: 11.MAR.2024 14:27:01

Highest Band Edge / 1 RB



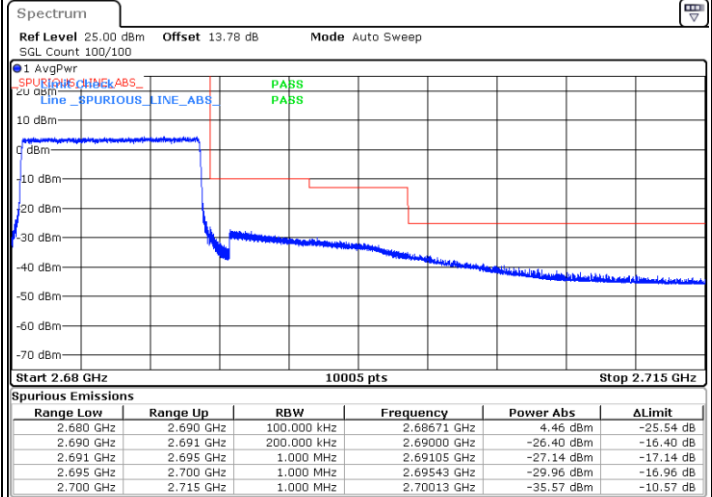
Date: 11.MAR.2024 14:45:42

Lowest Band Edge / Full RB



Date: 11.MAR.2024 14:18:21

Highest Band Edge / Full RB

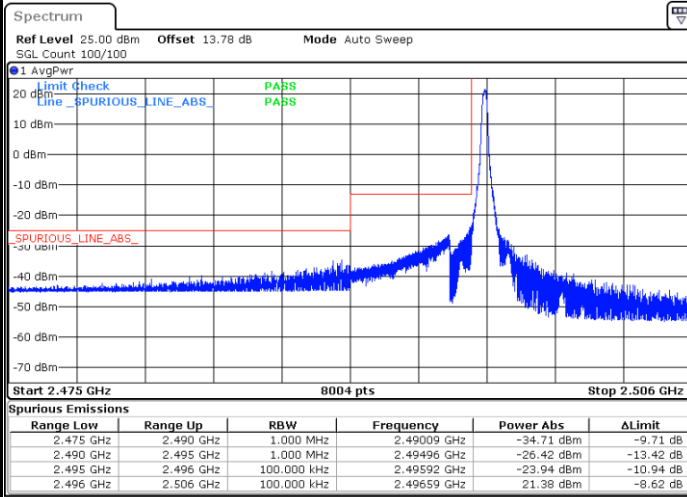


Date: 11.MAR.2024 14:41:19



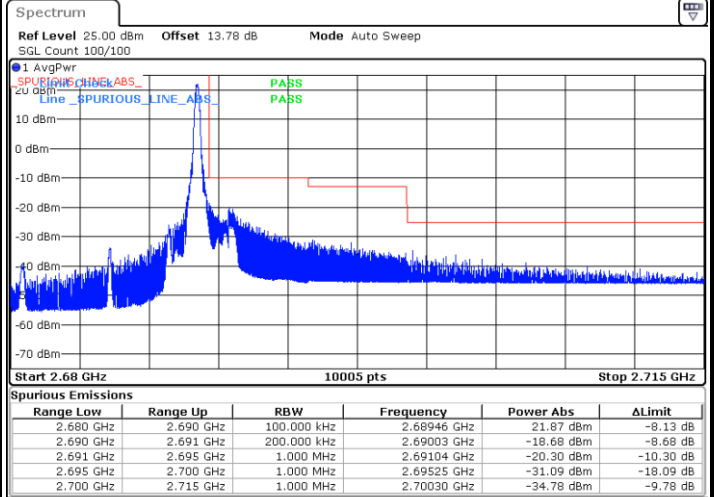
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



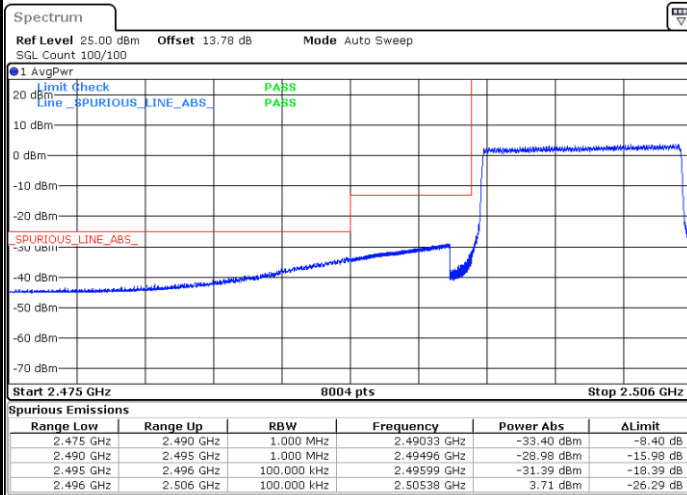
Date: 11.MAR.2024 14:25:15

Highest Band Edge / 1 RB



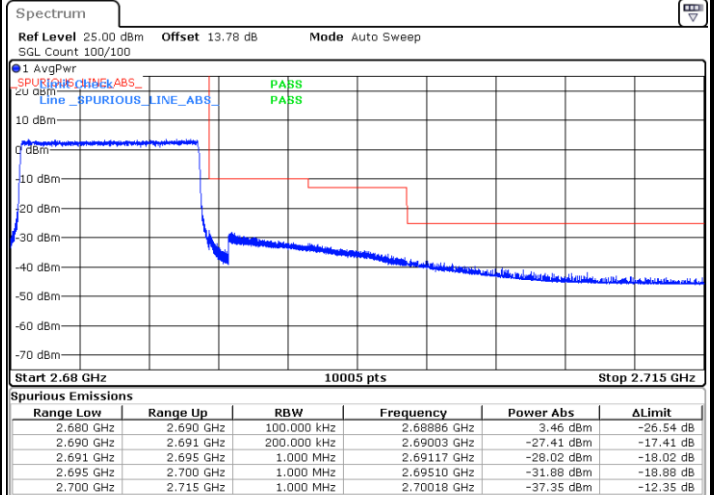
Date: 11.MAR.2024 14:43:40

Lowest Band Edge / Full RB



Date: 11.MAR.2024 14:20:09

Highest Band Edge / Full RB



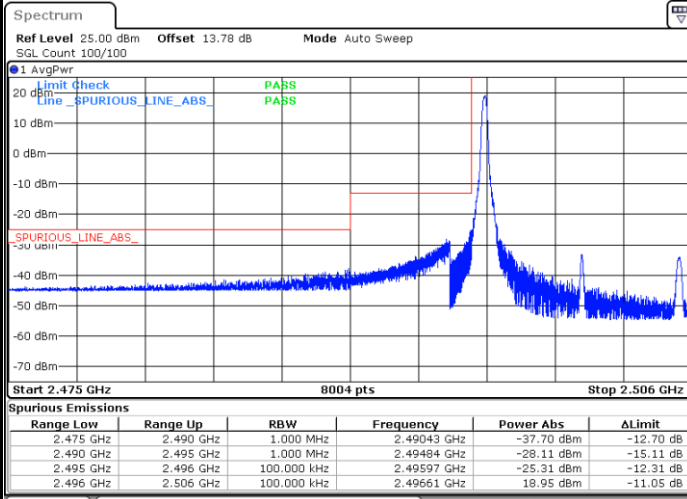
Date: 11.MAR.2024 14:42:24





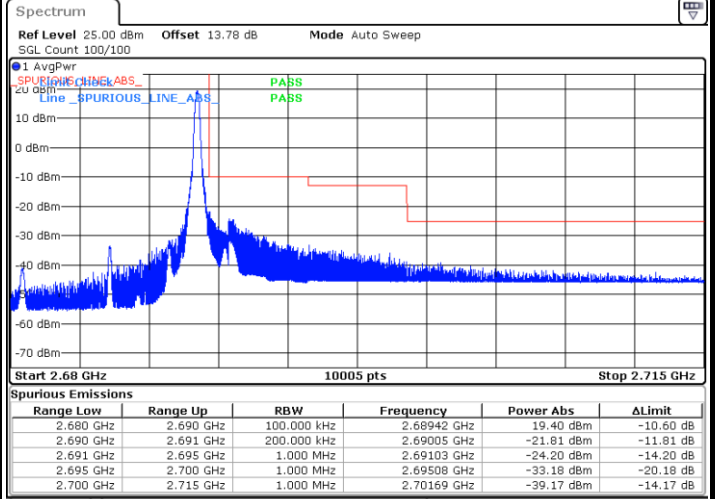
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB



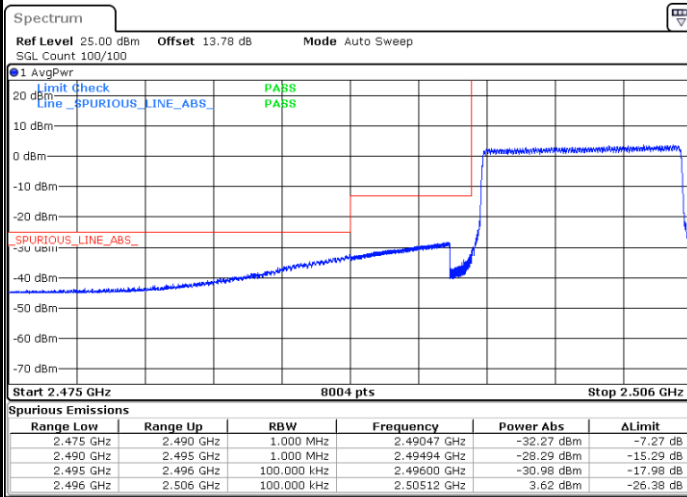
Date: 11.MAR.2024 13:13:34

Highest Band Edge / 1 RB



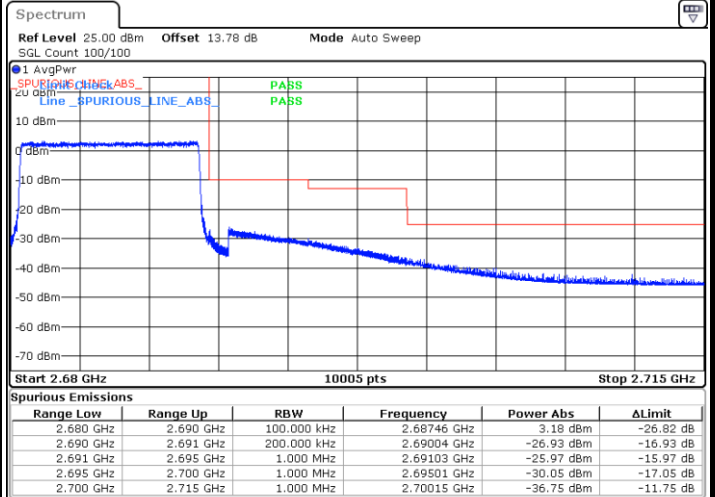
Date: 11.MAR.2024 13:17:37

Lowest Band Edge / Full RB



Date: 11.MAR.2024 13:11:42

Highest Band Edge / Full RB



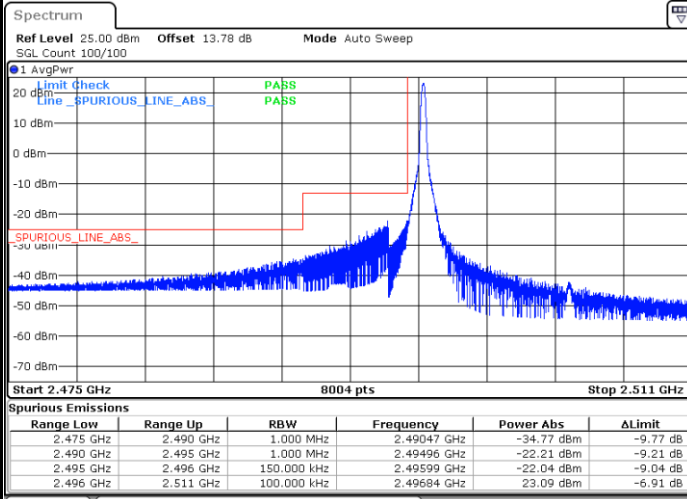
Date: 11.MAR.2024 13:20:08





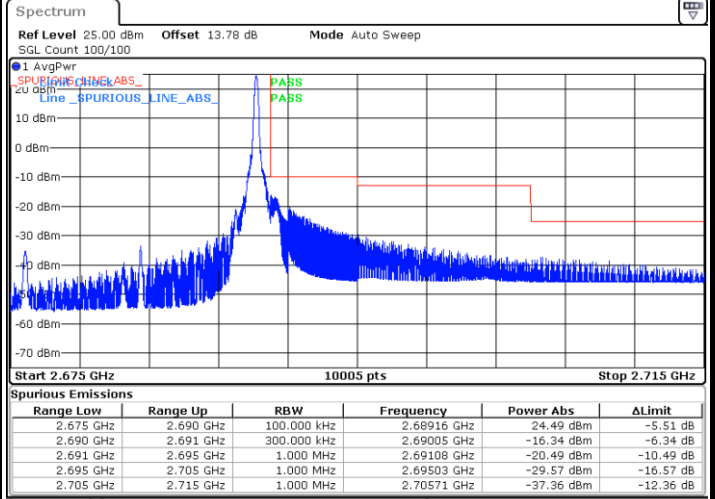
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



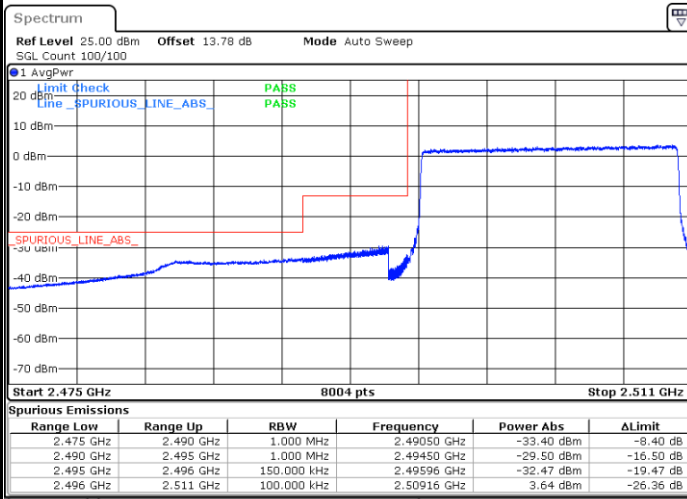
Date: 11.MAR.2024 14:51:04

Highest Band Edge / 1 RB



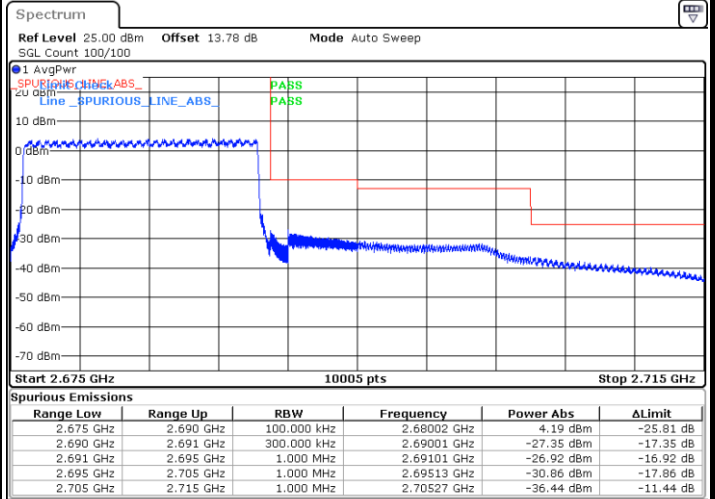
Date: 11.MAR.2024 15:27:00

Lowest Band Edge / Full RB



Date: 11.MAR.2024 15:04:26

Highest Band Edge / Full RB

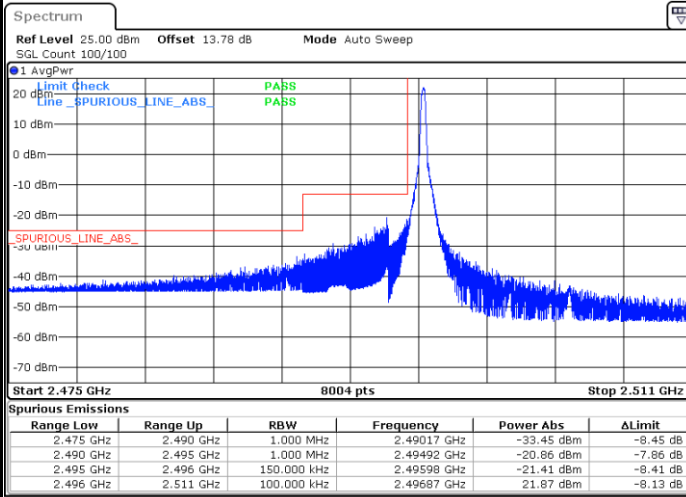


Date: 11.MAR.2024 15:13:19



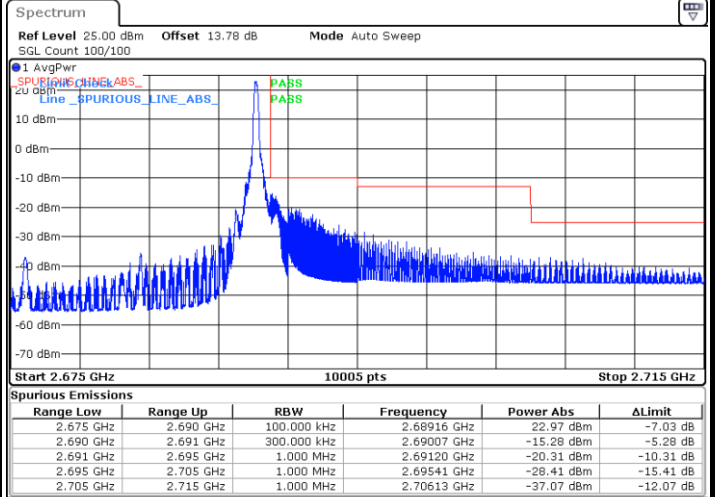
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



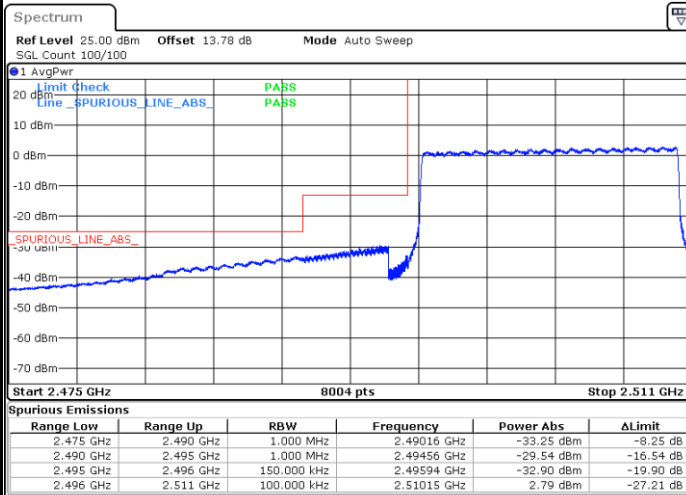
Date: 11.MAR.2024 14:59:13

Highest Band Edge / 1 RB



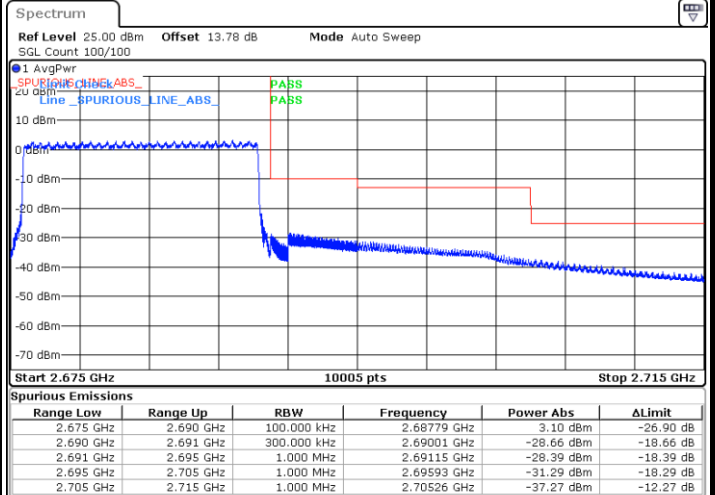
Date: 11.MAR.2024 15:25:56

Lowest Band Edge / Full RB



Date: 11.MAR.2024 15:03:20

Highest Band Edge / Full RB

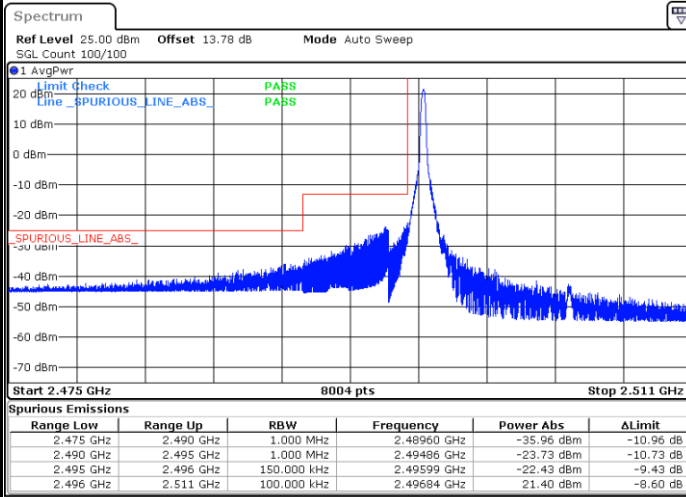


Date: 11.MAR.2024 15:20:43



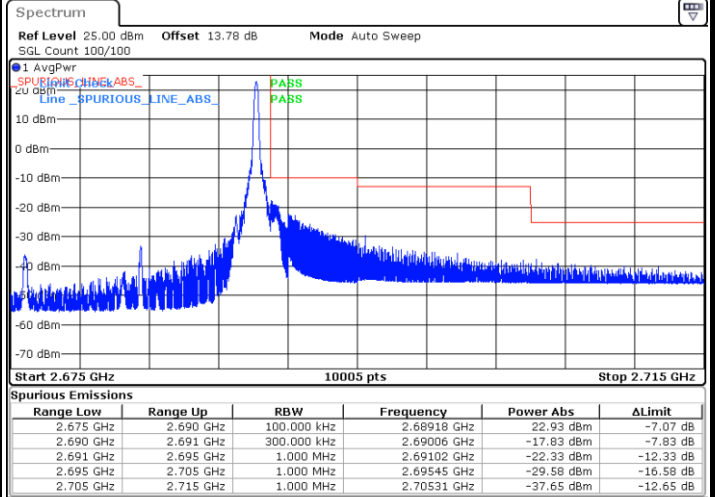
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



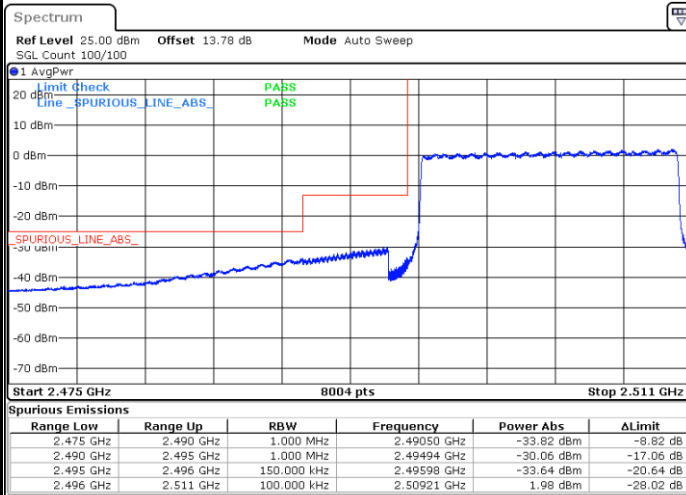
Date: 11.MAR.2024 15:01:02

Highest Band Edge / 1 RB



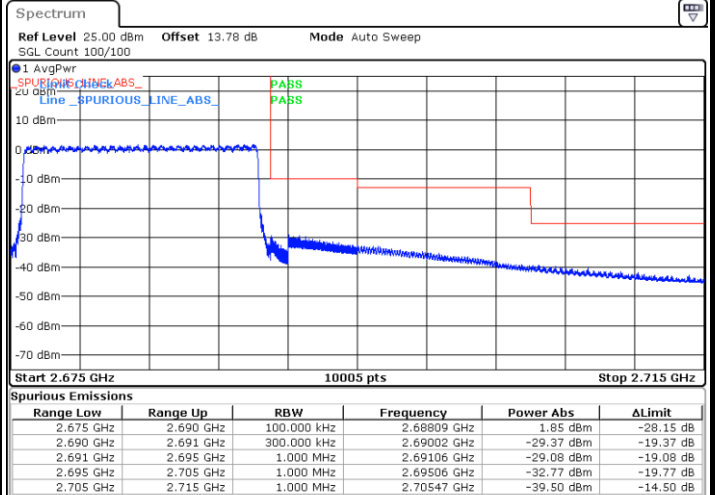
Date: 11.MAR.2024 15:23:56

Lowest Band Edge / Full RB



Date: 11.MAR.2024 15:02:12

Highest Band Edge / Full RB



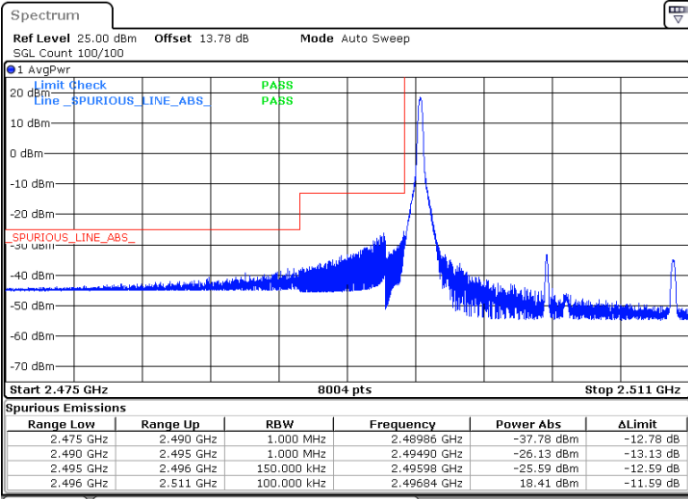
Date: 11.MAR.2024 15:21:53



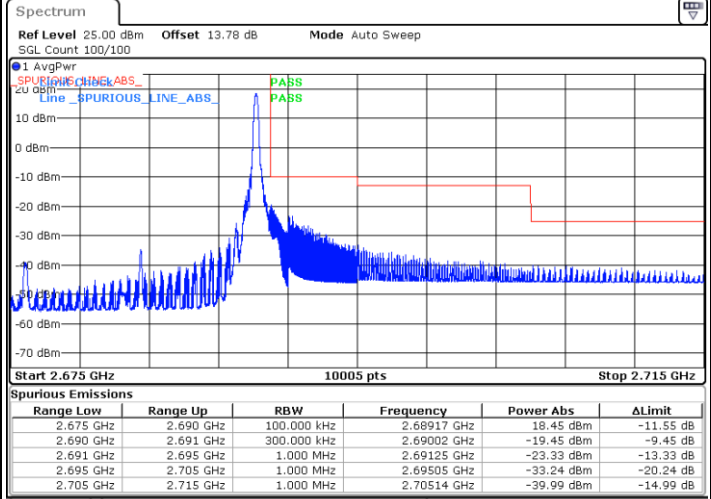
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



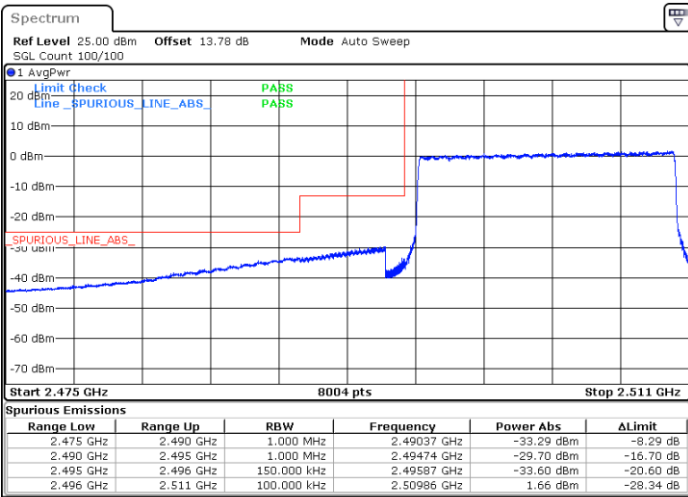
Date: 11.MAR.2024 13:03:59



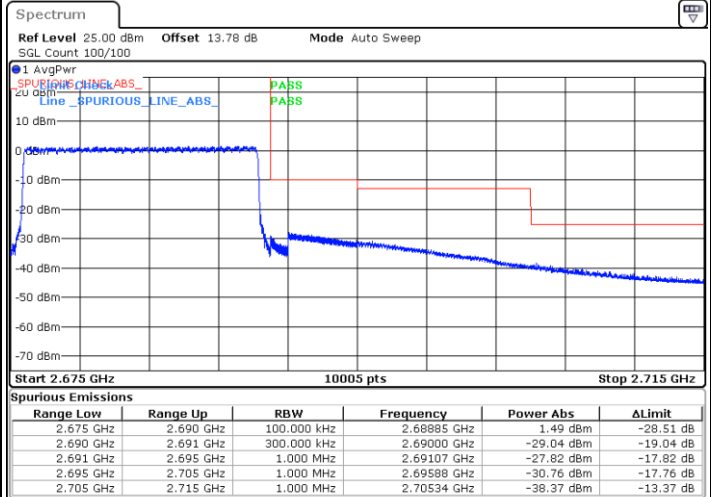
Date: 11.MAR.2024 13:08:36

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.MAR.2024 13:05:11

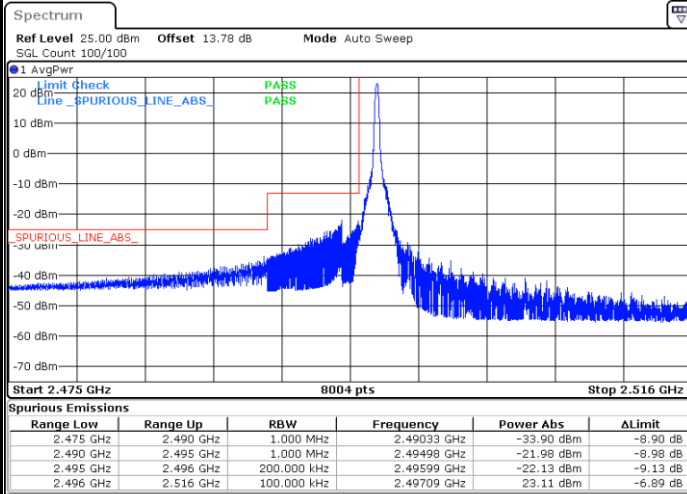


Date: 11.MAR.2024 13:06:50



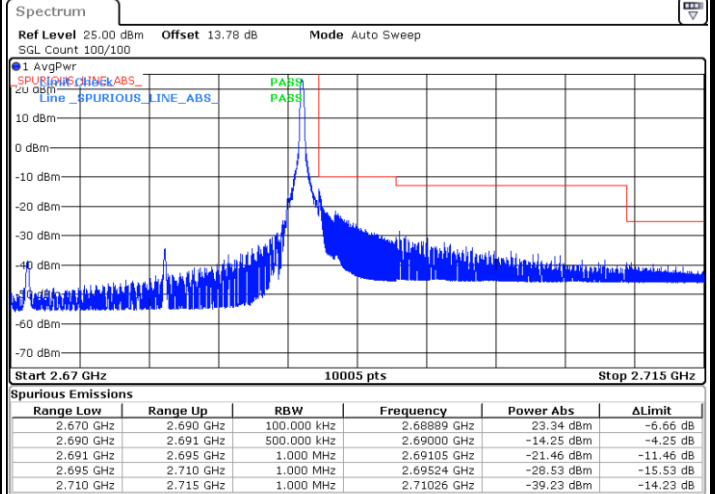
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



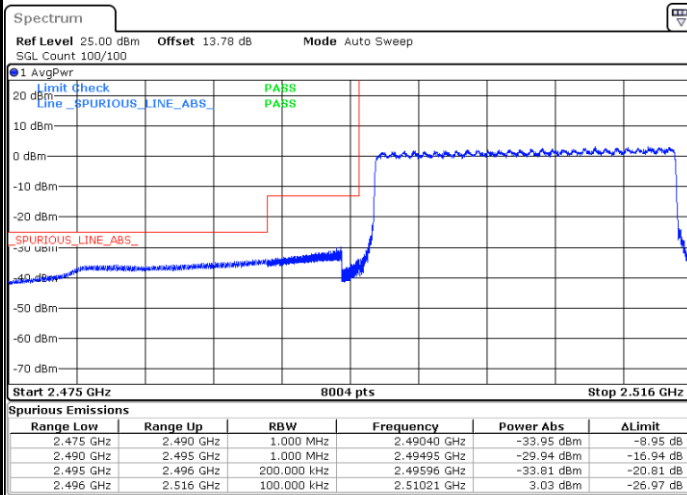
Date: 11.MAR.2024 11:44:19

Highest Band Edge / 1 RB



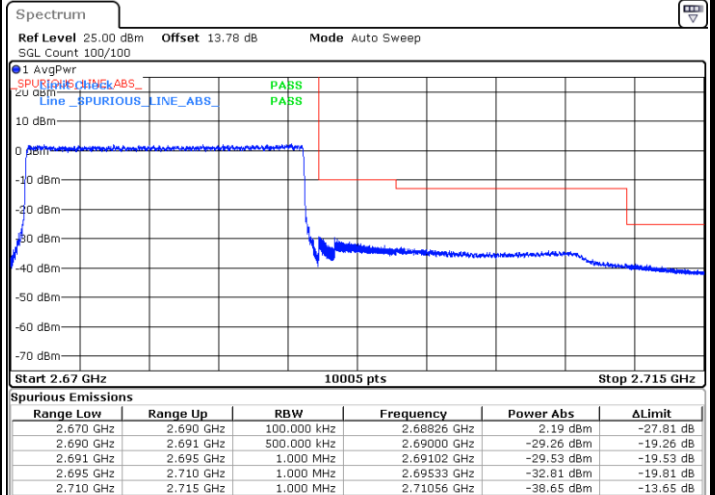
Date: 11.MAR.2024 15:51:07

Lowest Band Edge / Full RB



Date: 11.MAR.2024 15:35:12

Highest Band Edge / Full RB

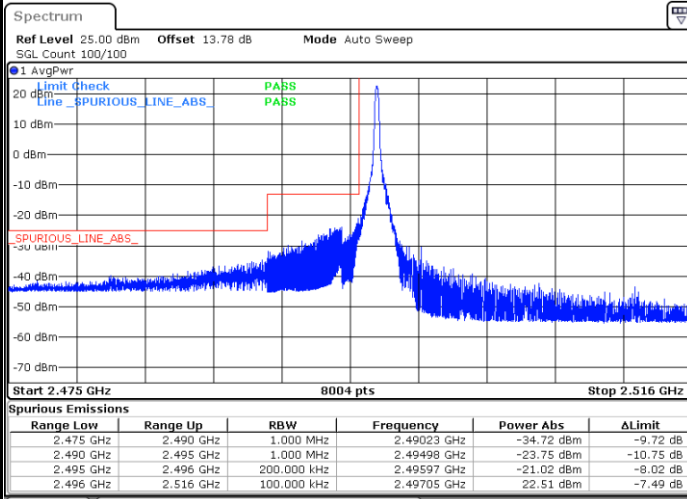


Date: 11.MAR.2024 15:57:43



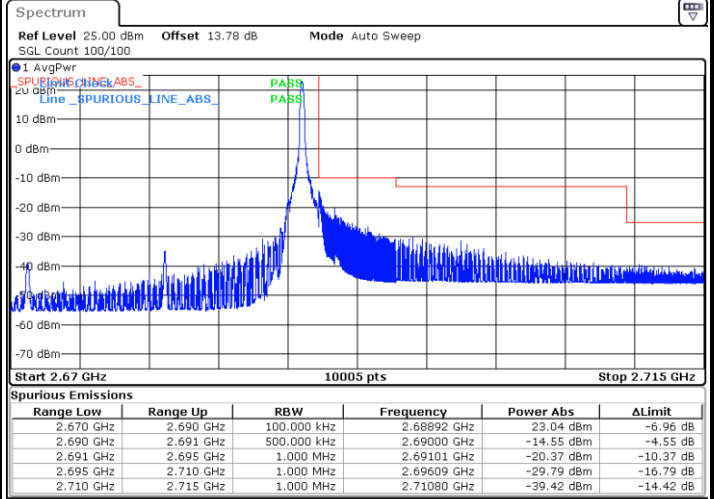
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



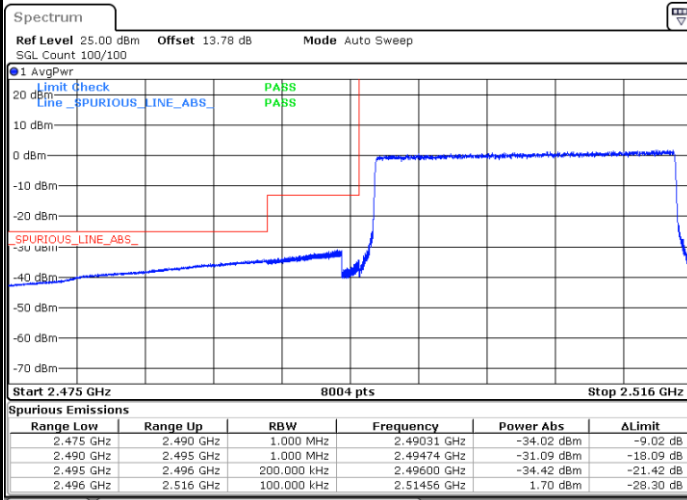
Date: 11.MAR.2024 12:50:43

Highest Band Edge / 1 RB



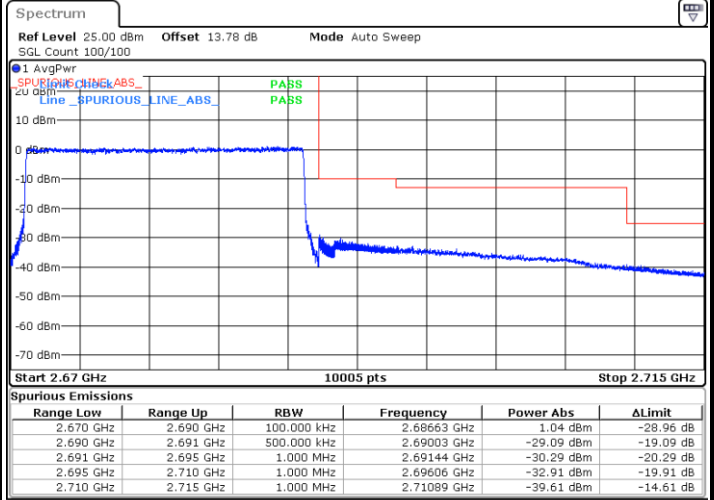
Date: 11.MAR.2024 15:52:12

Lowest Band Edge / Full RB



Date: 11.MAR.2024 15:36:21

Highest Band Edge / Full RB

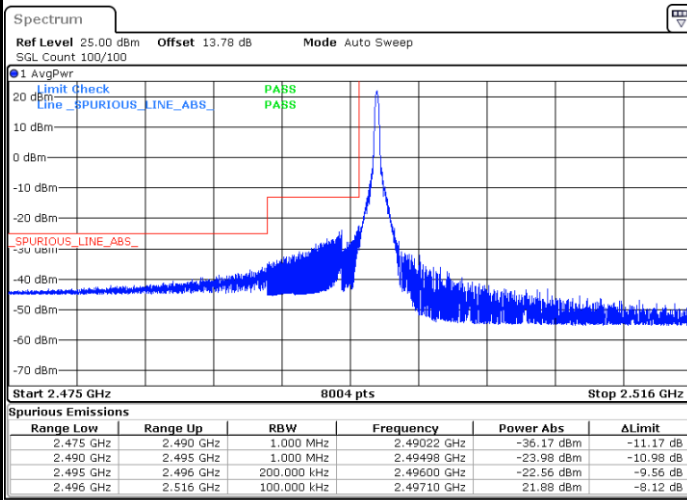


Date: 11.MAR.2024 15:56:36



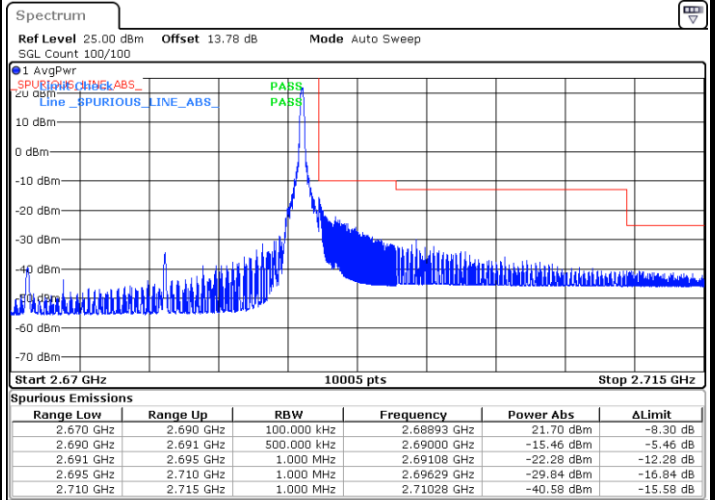
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



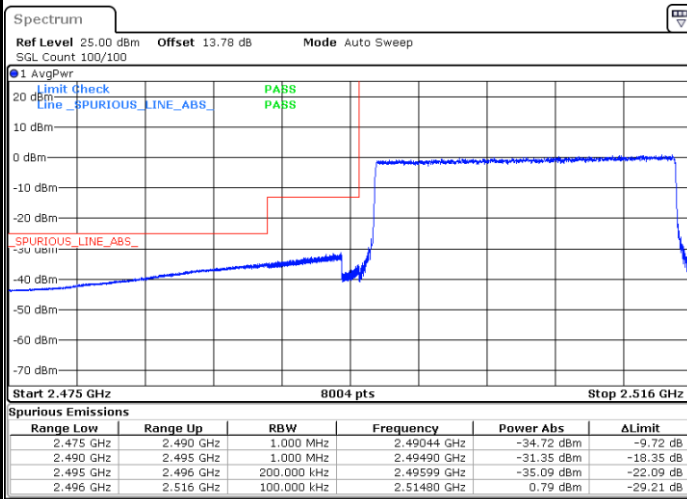
Date: 11.MAR.2024 12:54:39

Highest Band Edge / 1 RB



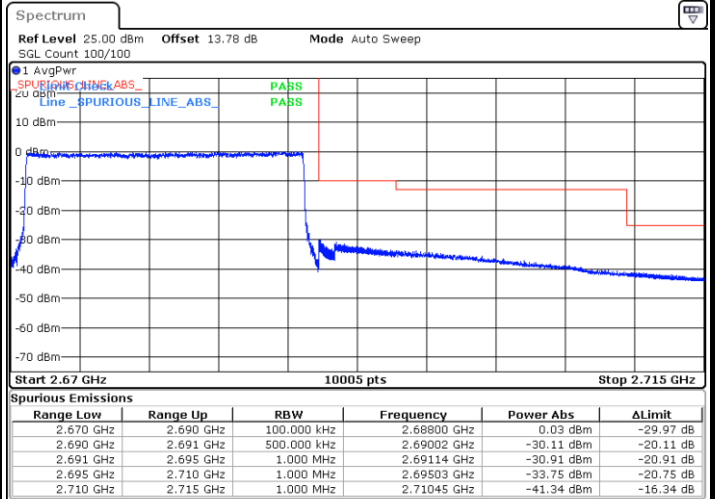
Date: 11.MAR.2024 15:53:11

Lowest Band Edge / Full RB



Date: 11.MAR.2024 15:37:29

Highest Band Edge / Full RB



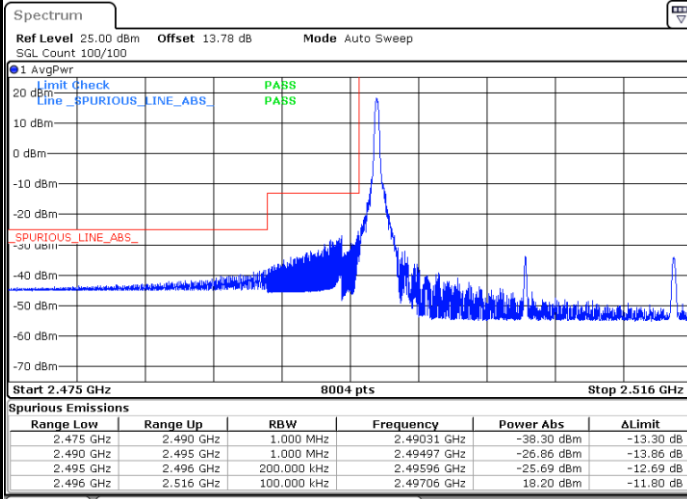
Date: 11.MAR.2024 15:54:38





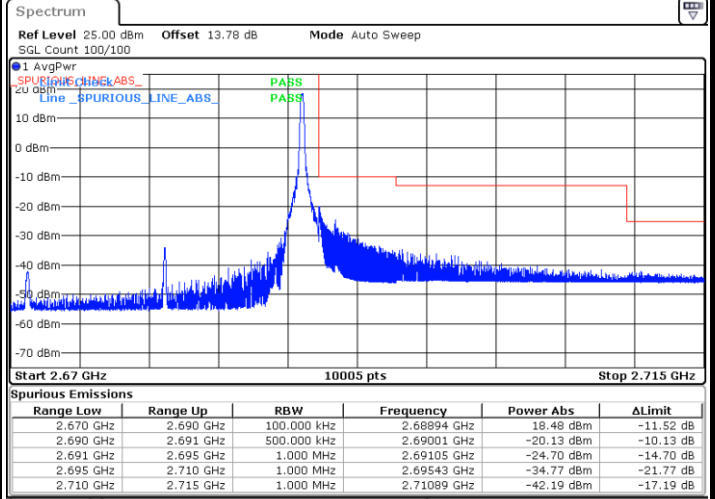
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB



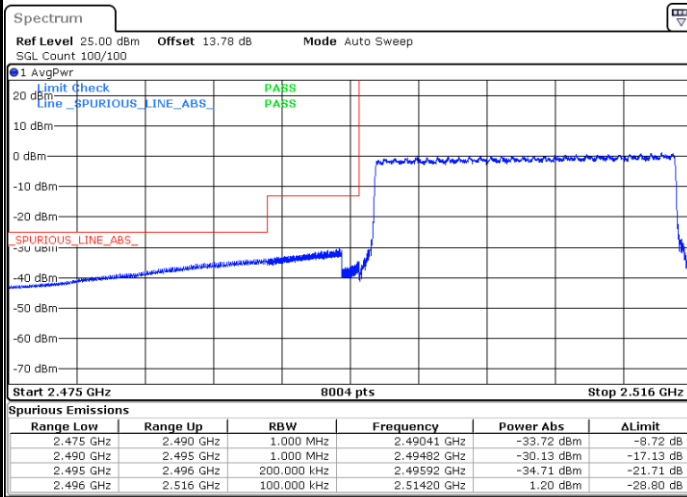
Date: 11.MAR.2024 12:56:59

Highest Band Edge / 1 RB



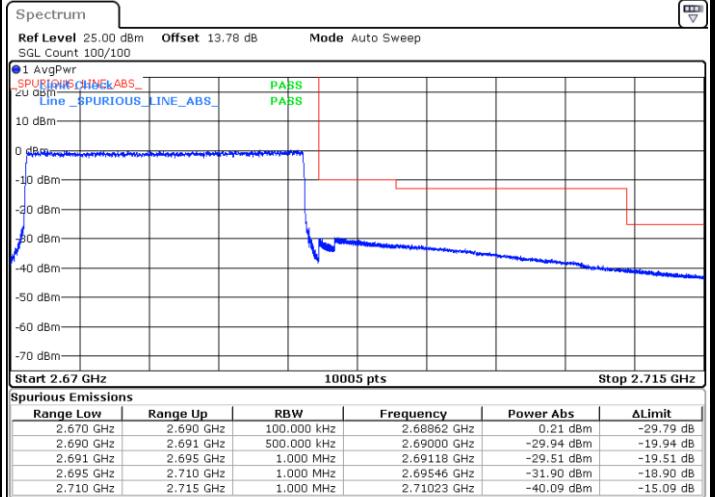
Date: 11.MAR.2024 13:01:38

Lowest Band Edge / Full RB



Date: 11.MAR.2024 12:58:41

Highest Band Edge / Full RB



Date: 11.MAR.2024 13:00:17



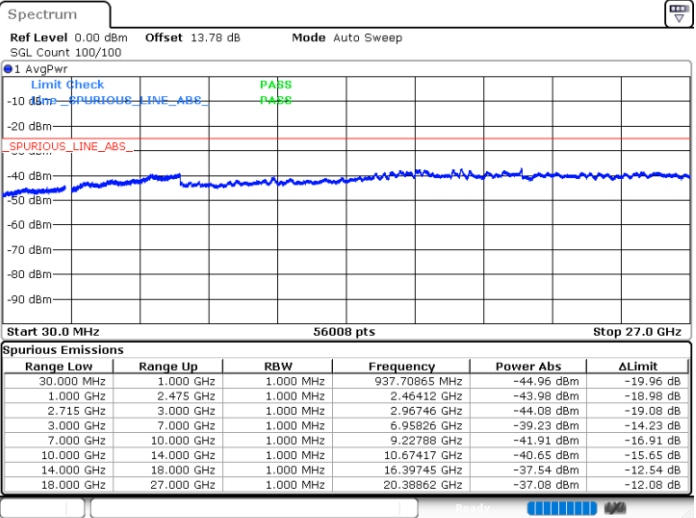
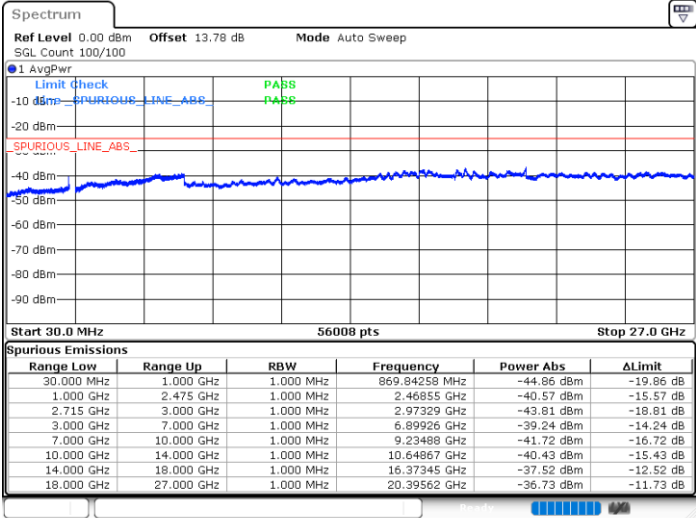


# Conducted Spurious Emission

## LTE Band 41 / 5MHz

### Lowest Channel / QPSK

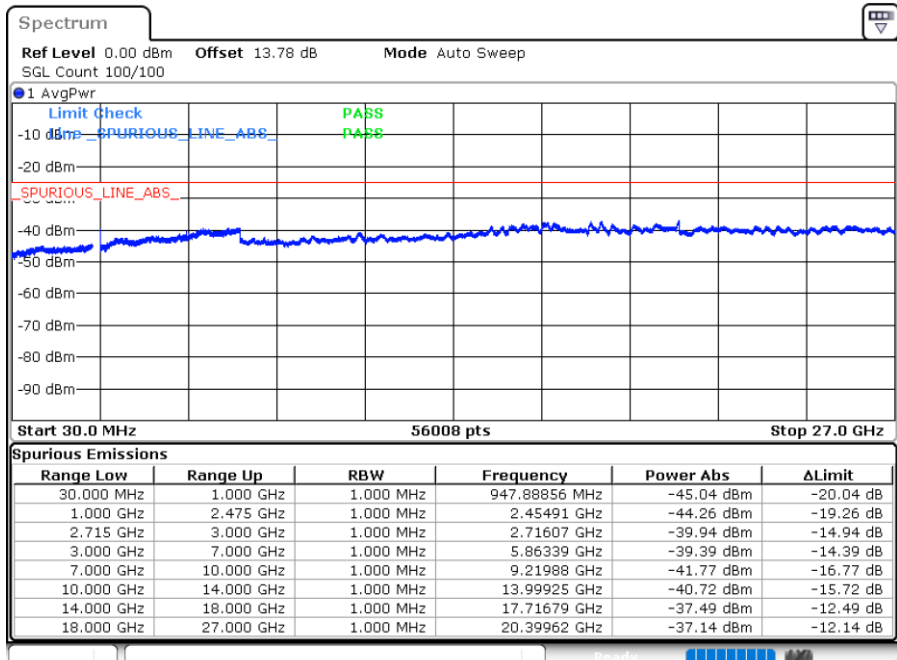
### Middle Channel / QPSK



Date: 11.MAR.2024 14:13:13

Date: 11.MAR.2024 13:46:32

### Highest Channel / QPSK



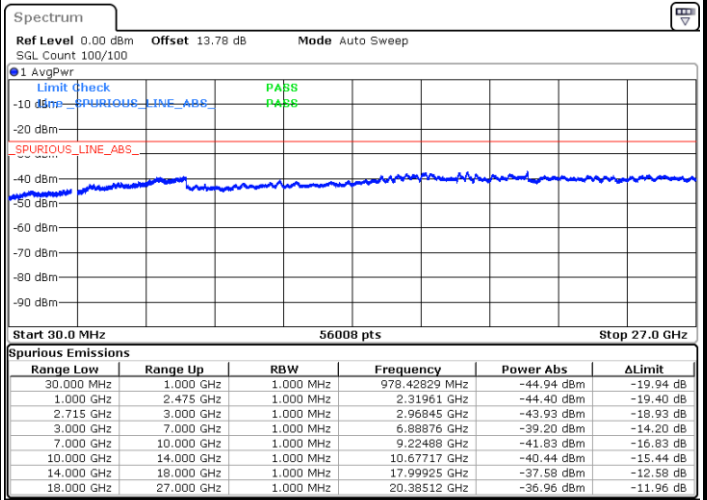
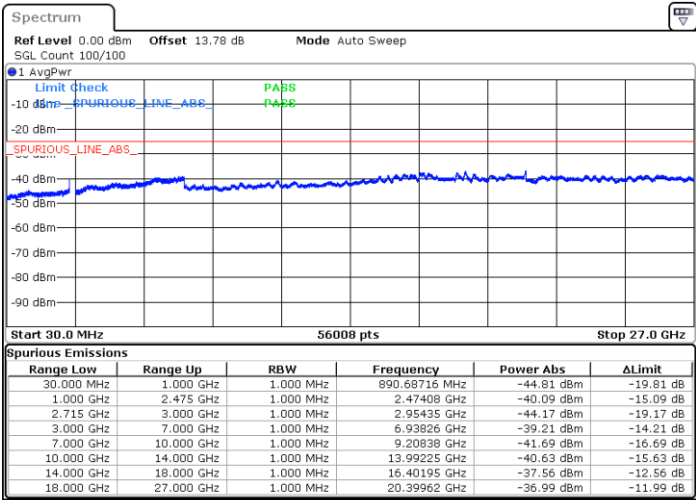
Date: 11.MAR.2024 13:44:31



LTE Band 41 / 10MHz

Lowest Channel / QPSK

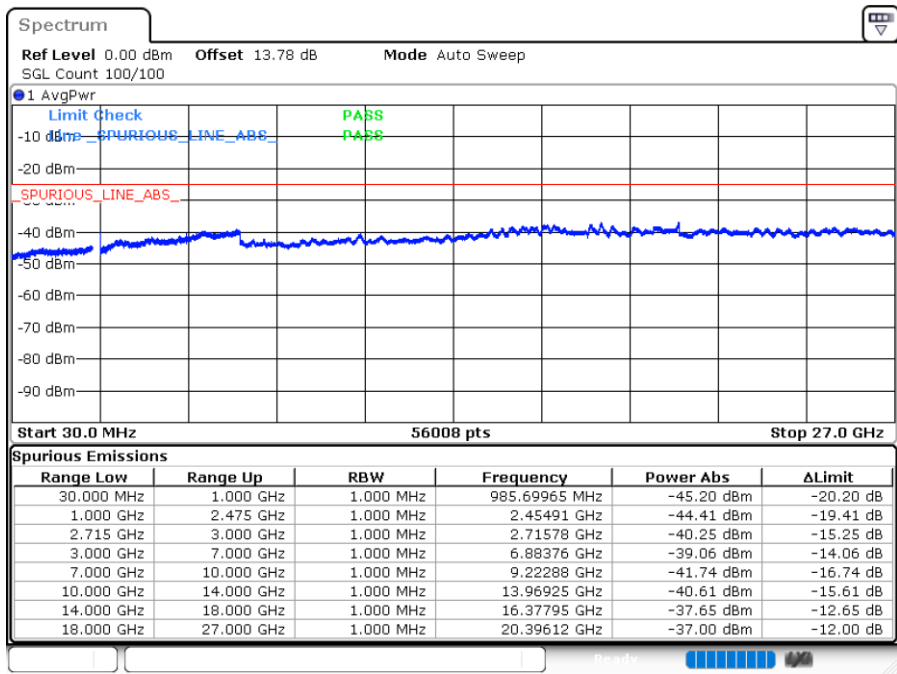
Middle Channel / QPSK



Date: 11.MAR.2024 14:22:32

Date: 11.MAR.2024 14:36:34

Highest Channel / QPSK



Date: 11.MAR.2024 14:48:30