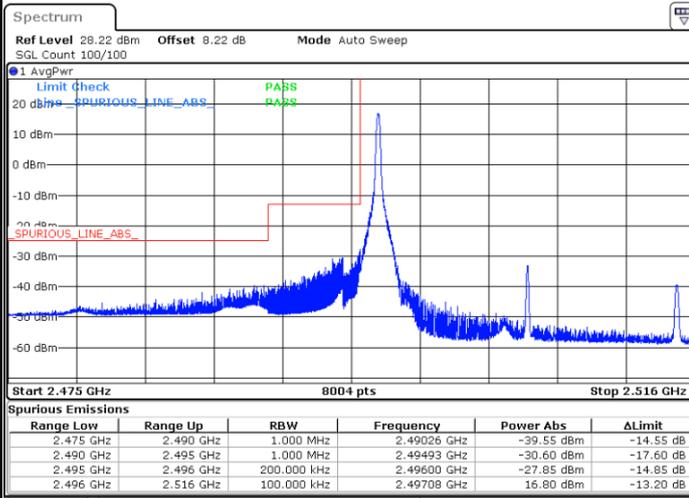




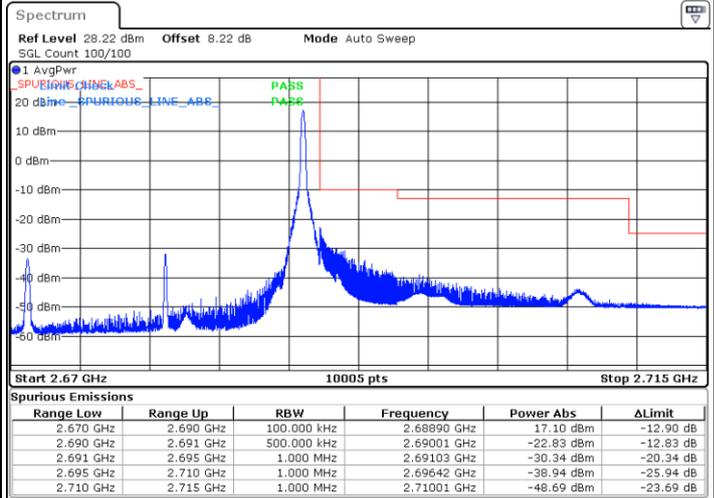
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



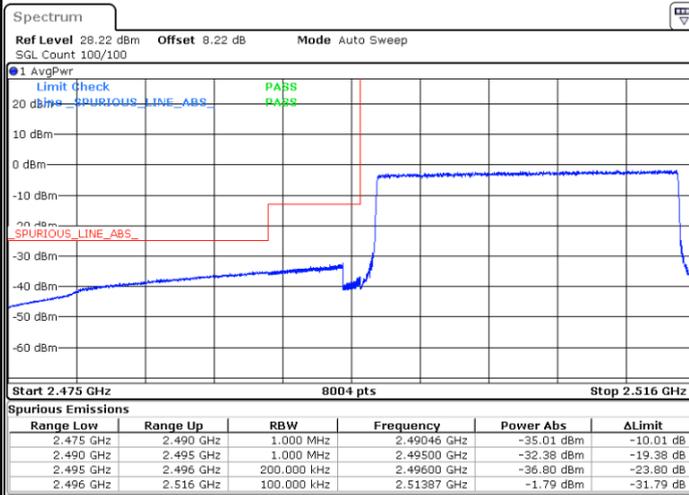
Date: 7.APR.2024 11:15:37

Highest Band Edge / 1 RB



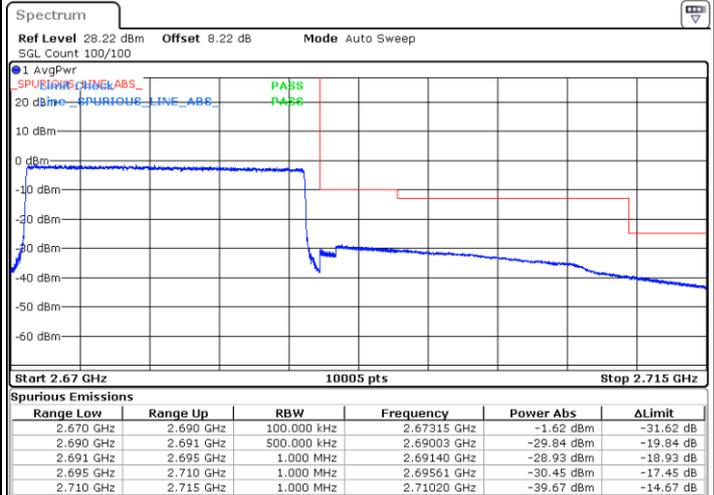
Date: 7.APR.2024 11:30:33

Lowest Band Edge / Full RB



Date: 7.APR.2024 11:21:20

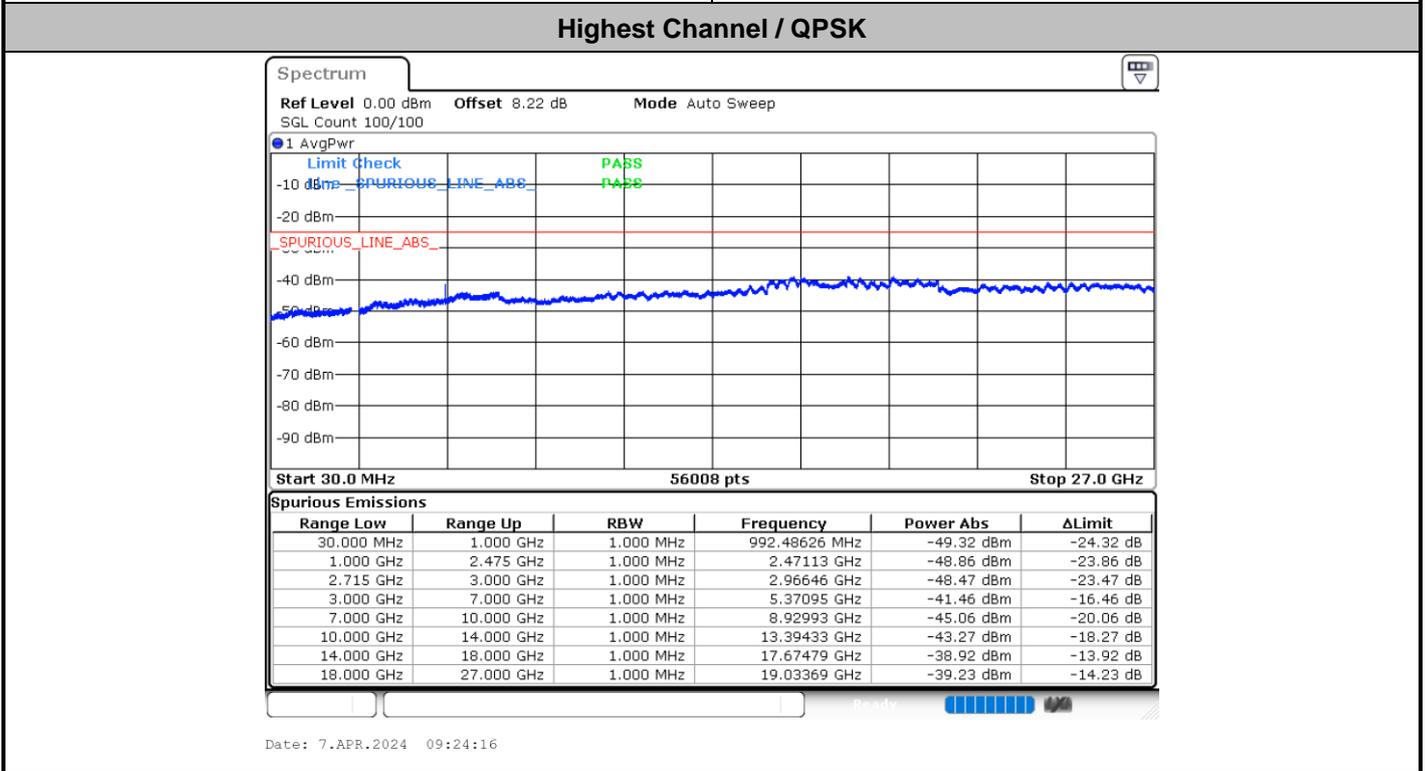
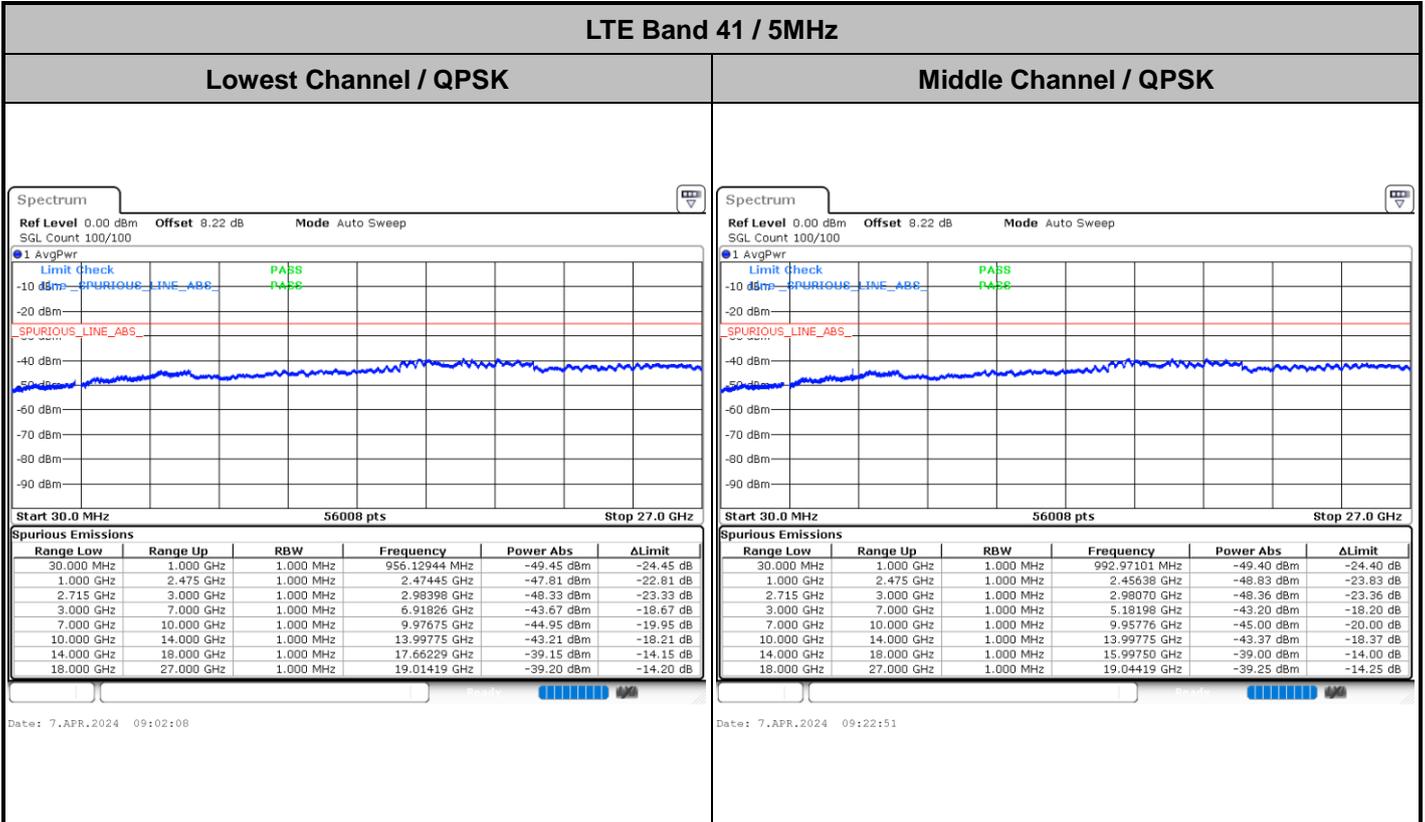
Highest Band Edge / Full RB



Date: 7.APR.2024 11:36:15



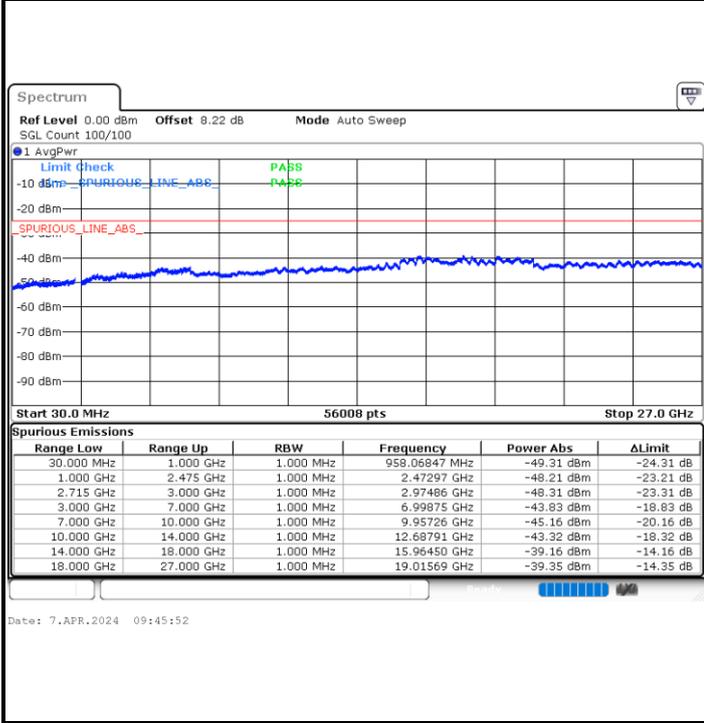
# Conducted Spurious Emission



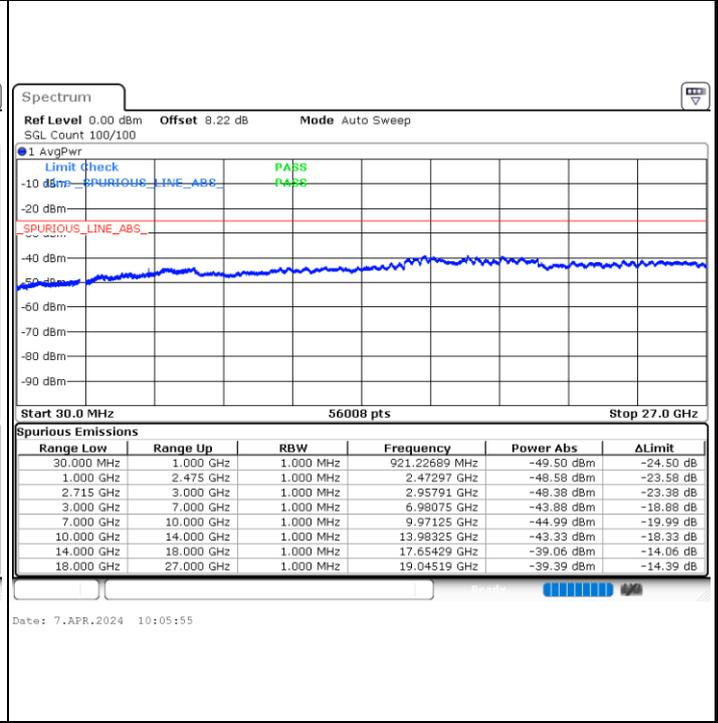


**LTE Band 41 / 10MHz**

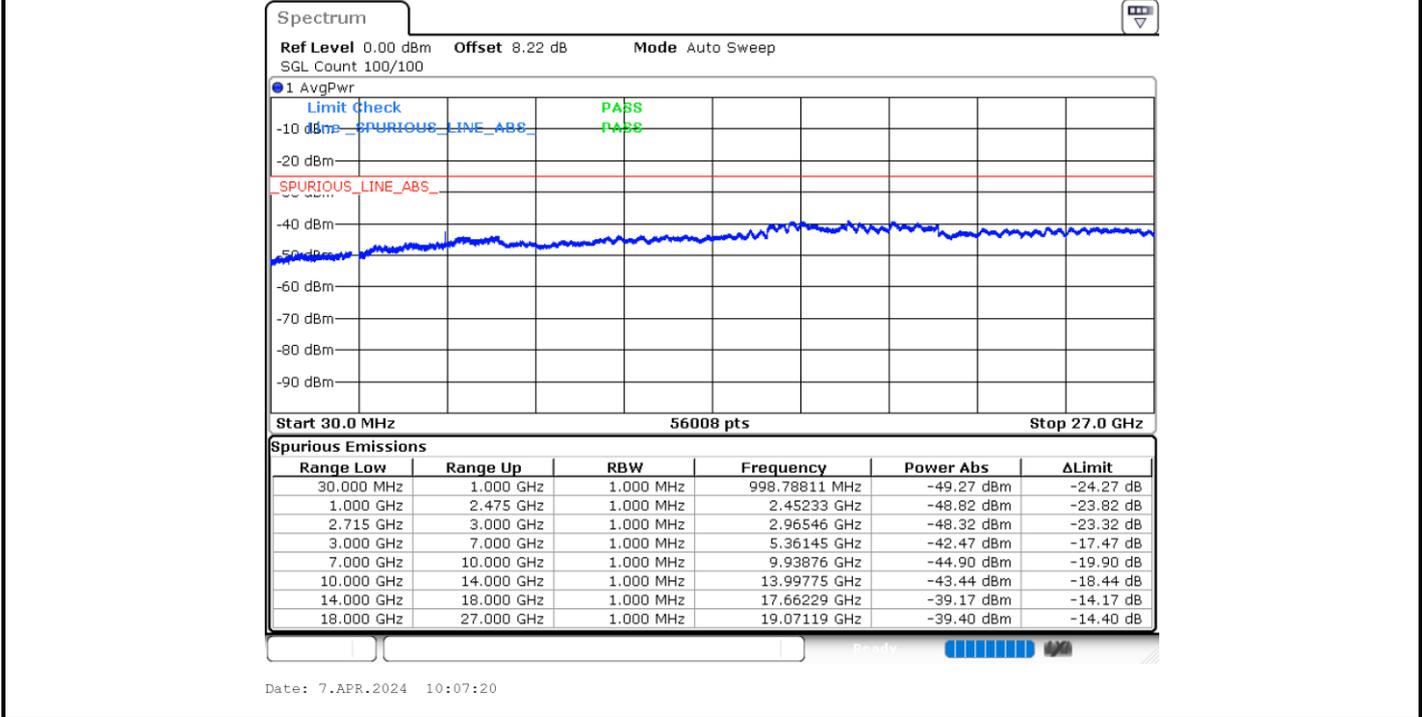
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

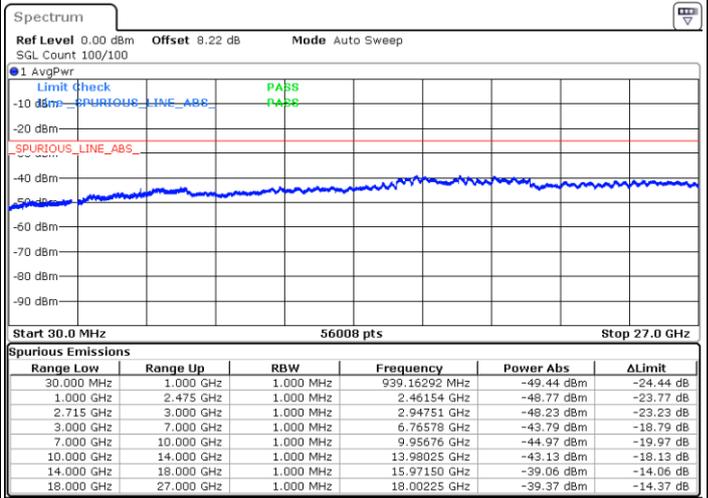
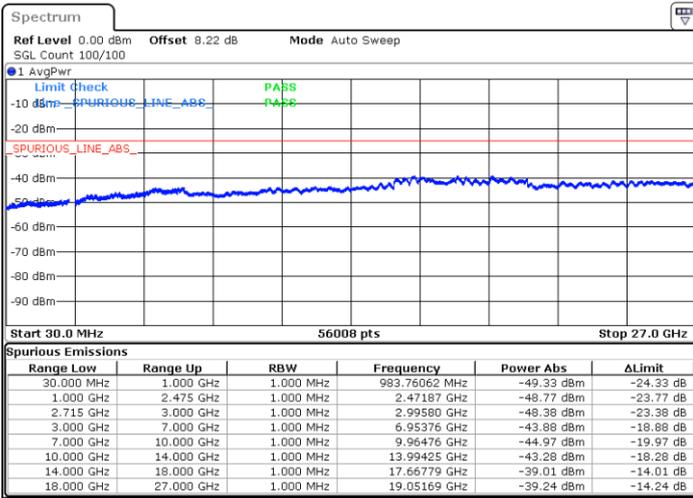




LTE Band 41 / 15MHz

Lowest Channel / QPSK

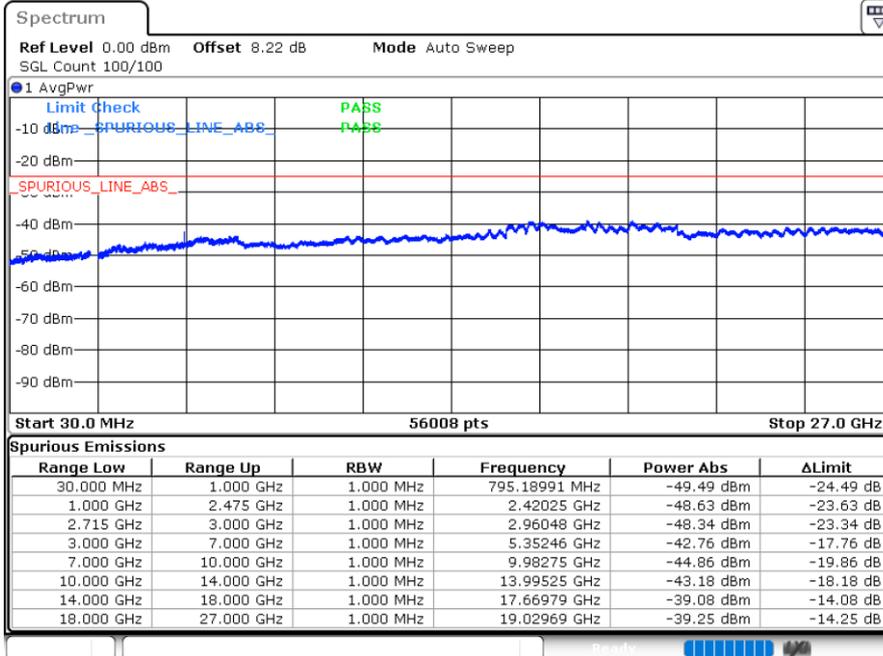
Middle Channel / QPSK



Date: 7.APR.2024 10:21:56

Date: 7.APR.2024 10:33:54

Highest Channel / QPSK



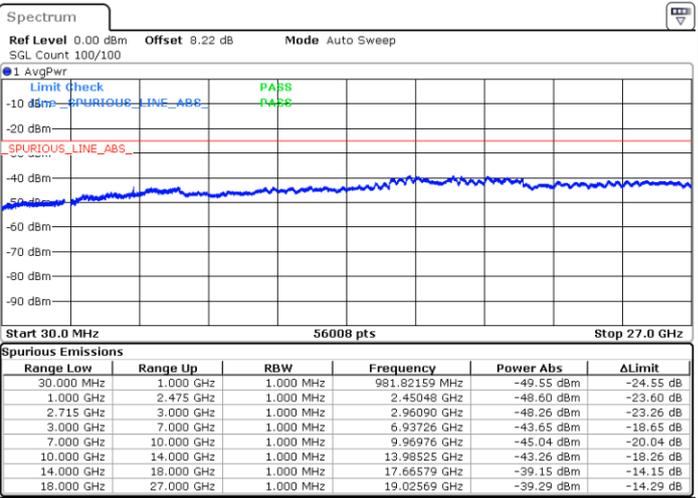
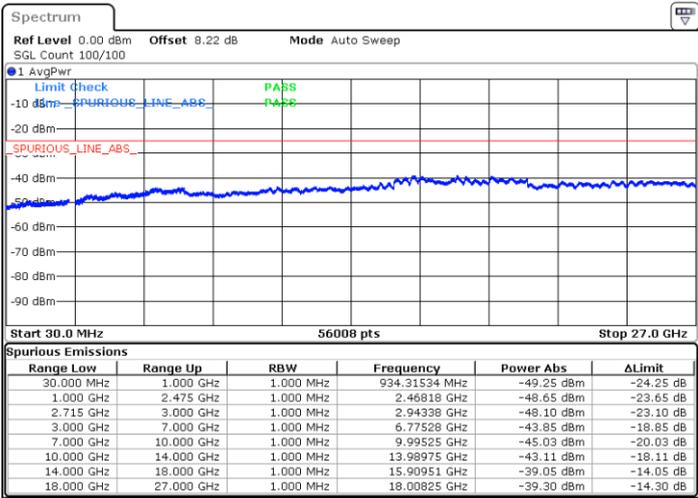
Date: 7.APR.2024 10:56:08



LTE Band 41 / 20MHz

Lowest Channel / QPSK

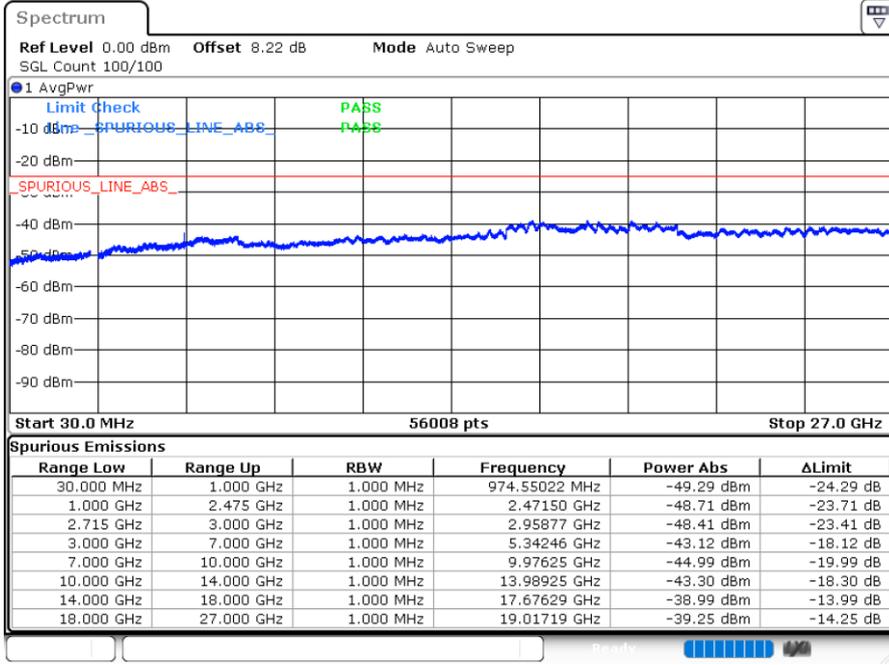
Middle Channel / QPSK



Date: 7.APR.2024 11:10:05

Date: 7.APR.2024 11:23:05

Highest Channel / QPSK



Date: 7.APR.2024 11:24:50



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	0.0016	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0014	

Note:

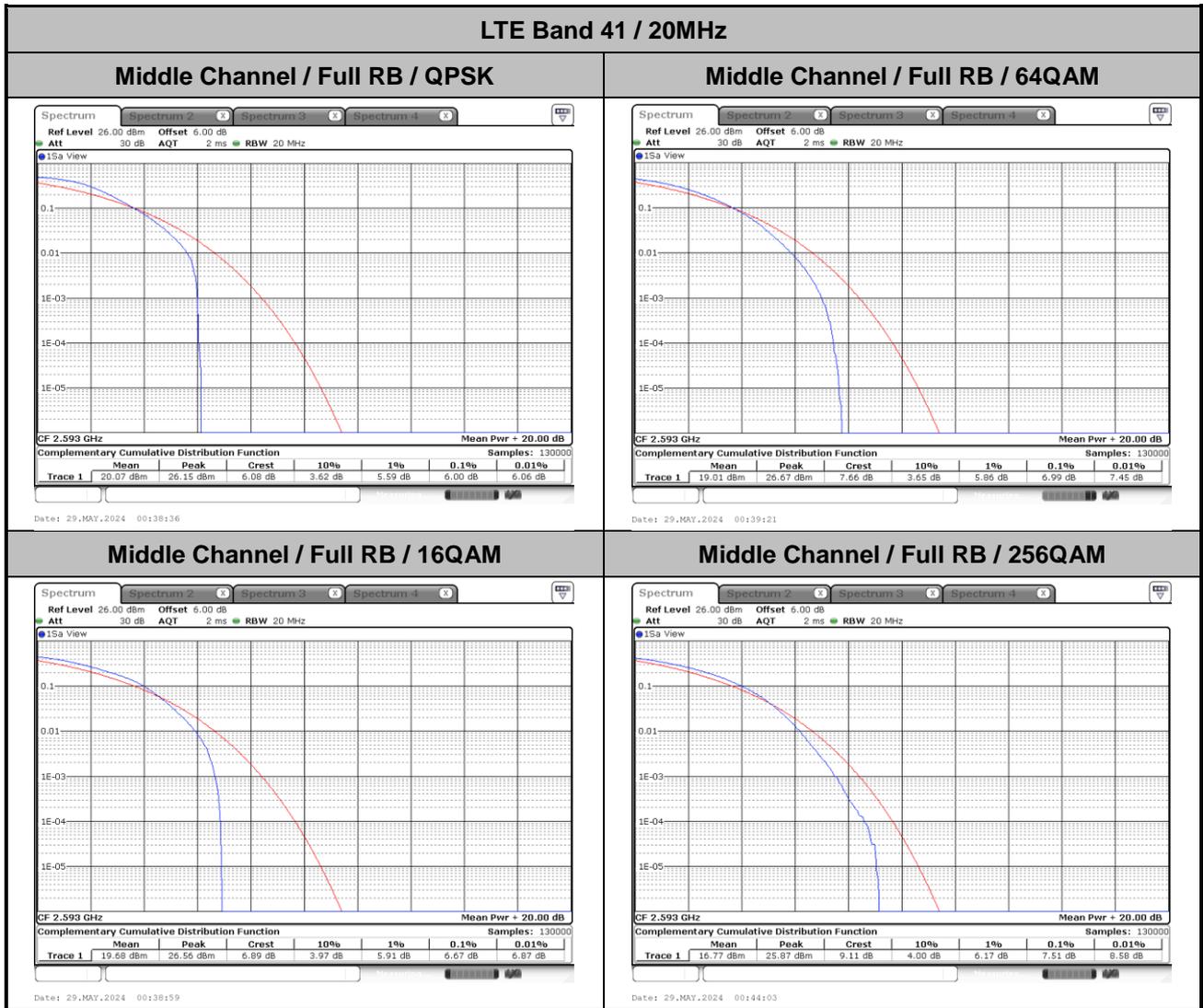
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41(Other PA)

## Peak-to-Average Ratio

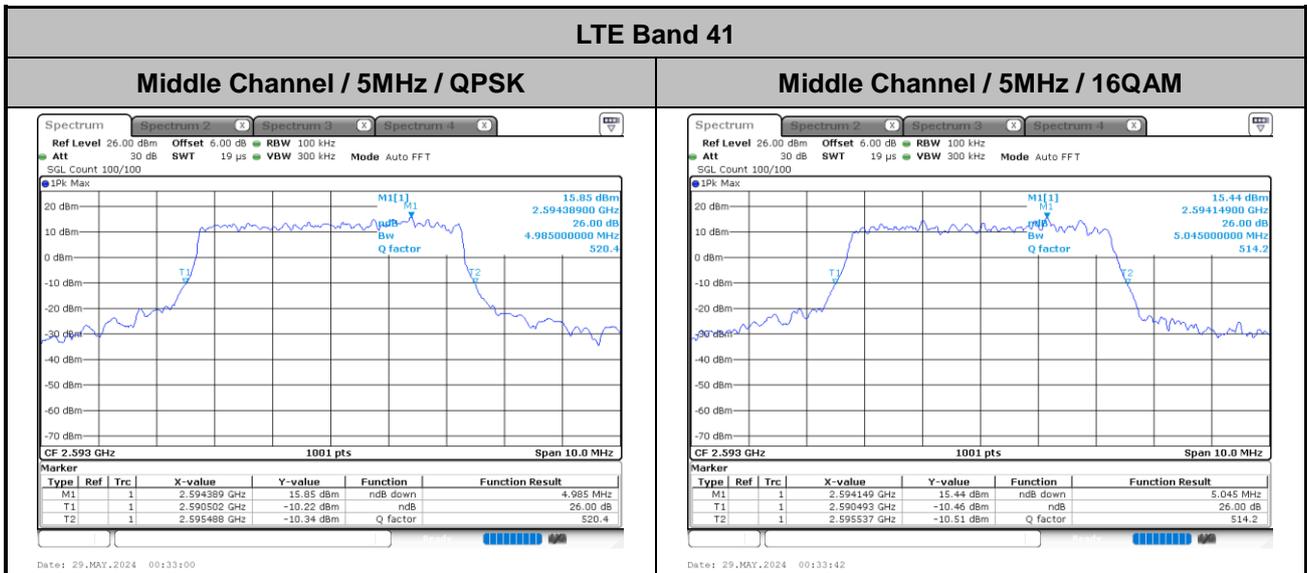
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.00	6.67	6.99	7.51	PASS





## 26dB Bandwidth

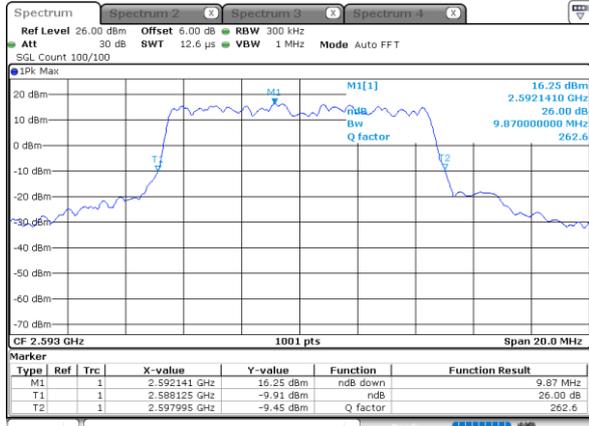
Mode	LTE Band 41 : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.99	5.05
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.87	9.87
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.27	14.18
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.62	18.70





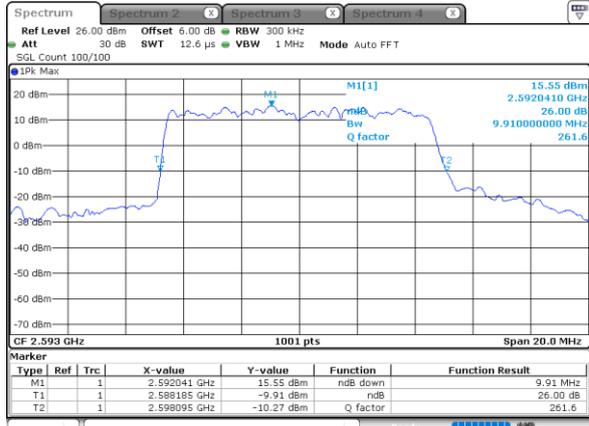
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 29\_MAY.2024 00:34:45

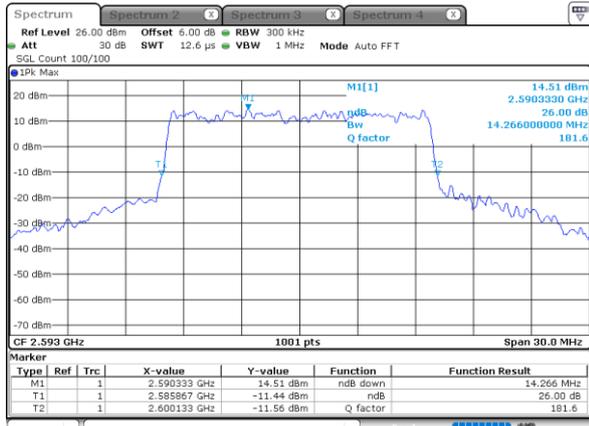
Middle Channel / 10MHz / 16QAM



Date: 29\_MAY.2024 00:35:06

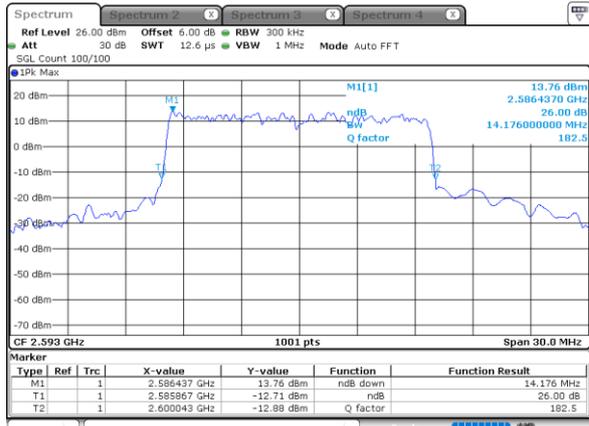
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 29\_MAY.2024 00:36:09

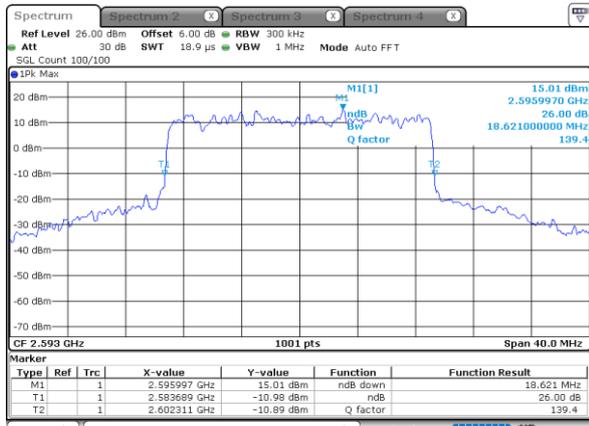
Middle Channel / 15MHz / 16QAM



Date: 29\_MAY.2024 00:36:30

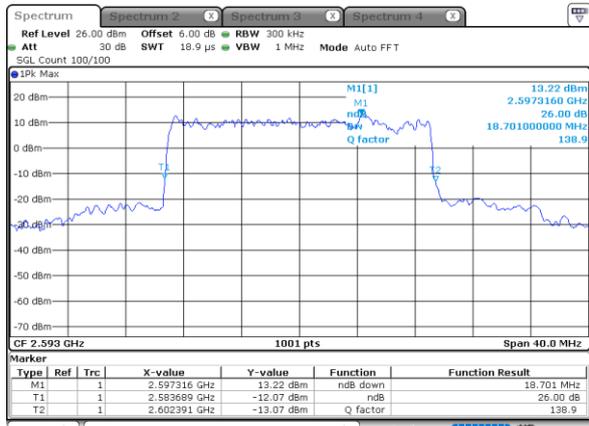
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 29\_MAY.2024 00:37:33

Middle Channel / 20MHz / 16QAM

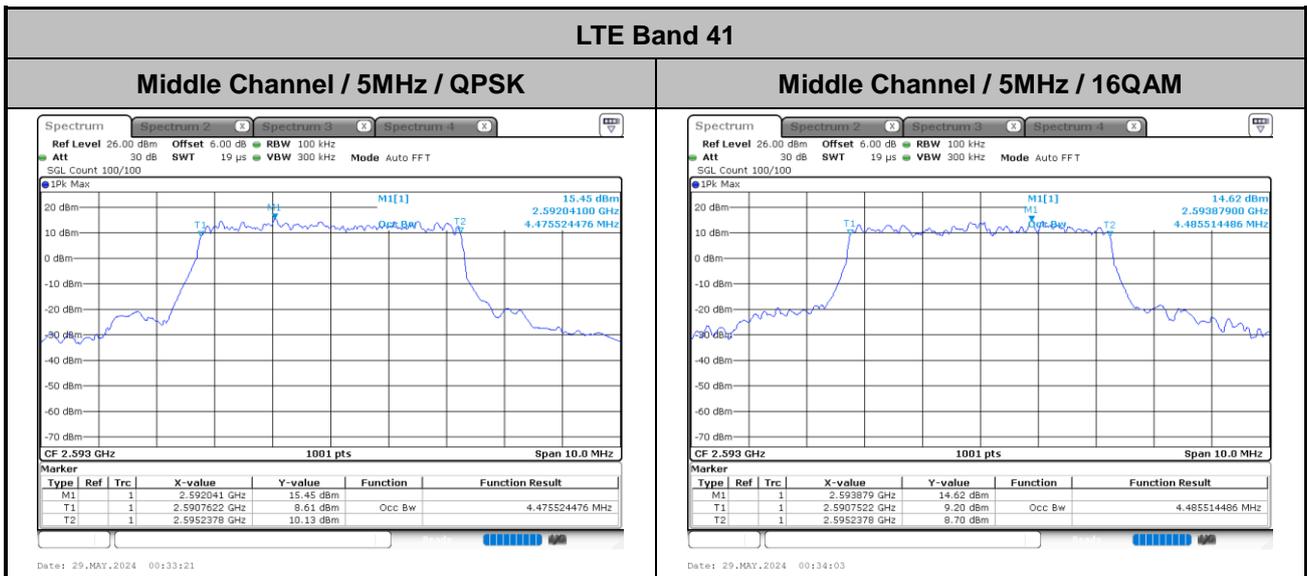


Date: 29\_MAY.2024 00:37:53



# Occupied Bandwidth

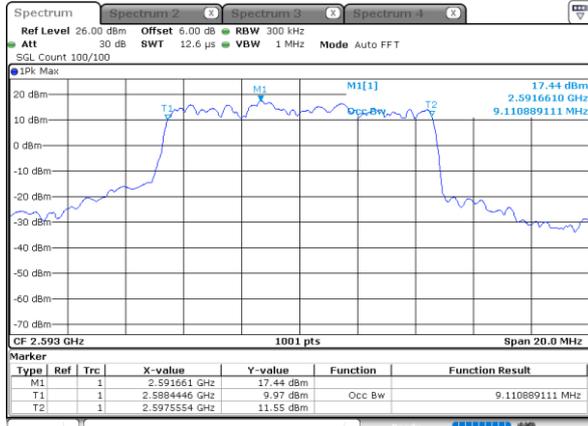
Mode	LTE Band 41 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.48	4.49
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.11	9.01
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.40	13.52
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.86	17.86





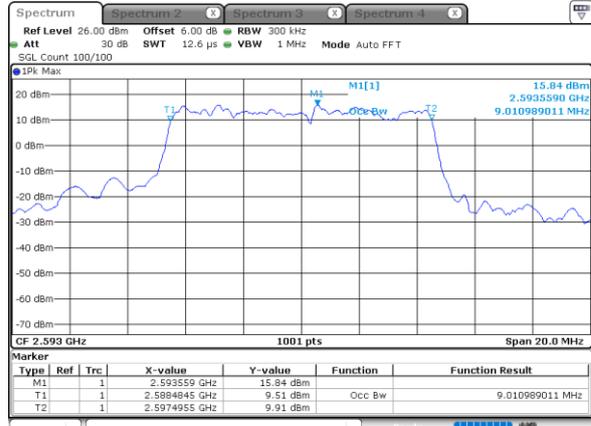
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 29\_MAY.2024 00:34:24

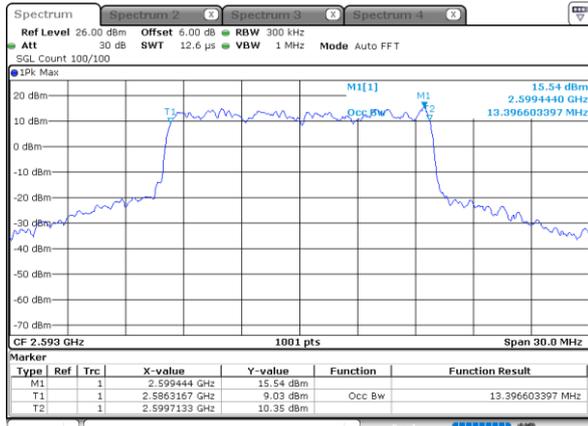
Middle Channel / 10MHz / 16QAM



Date: 29\_MAY.2024 00:35:26

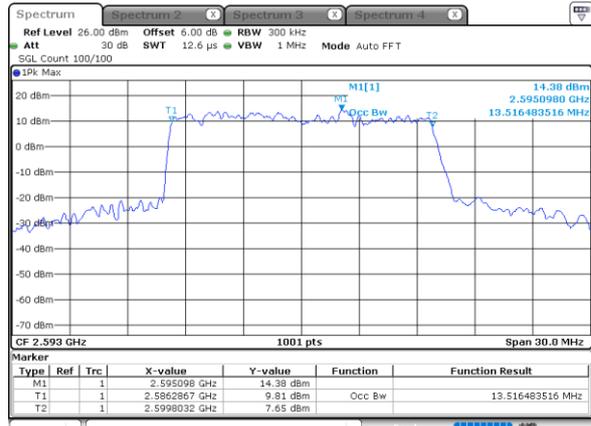
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 29\_MAY.2024 00:35:48

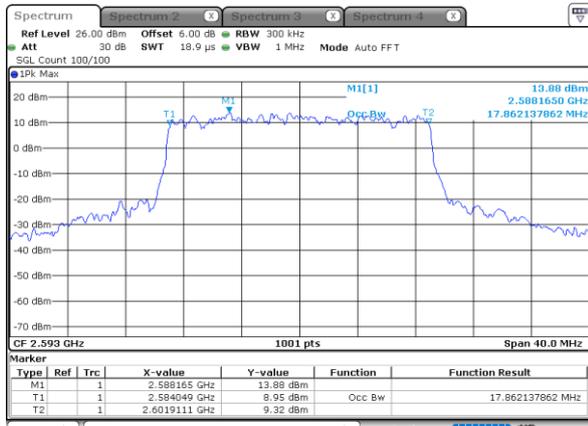
Middle Channel / 15MHz / 16QAM



Date: 29\_MAY.2024 00:36:50

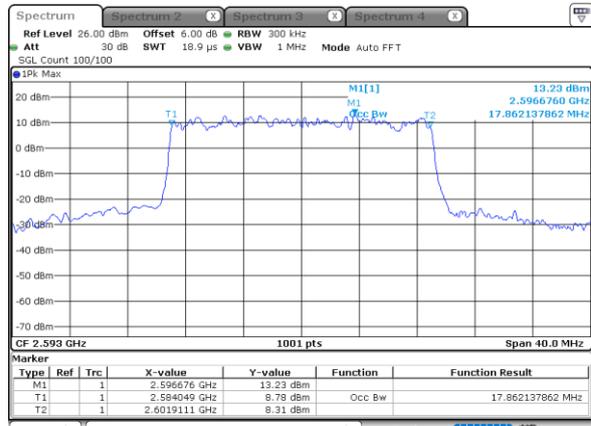
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 29\_MAY.2024 00:37:12

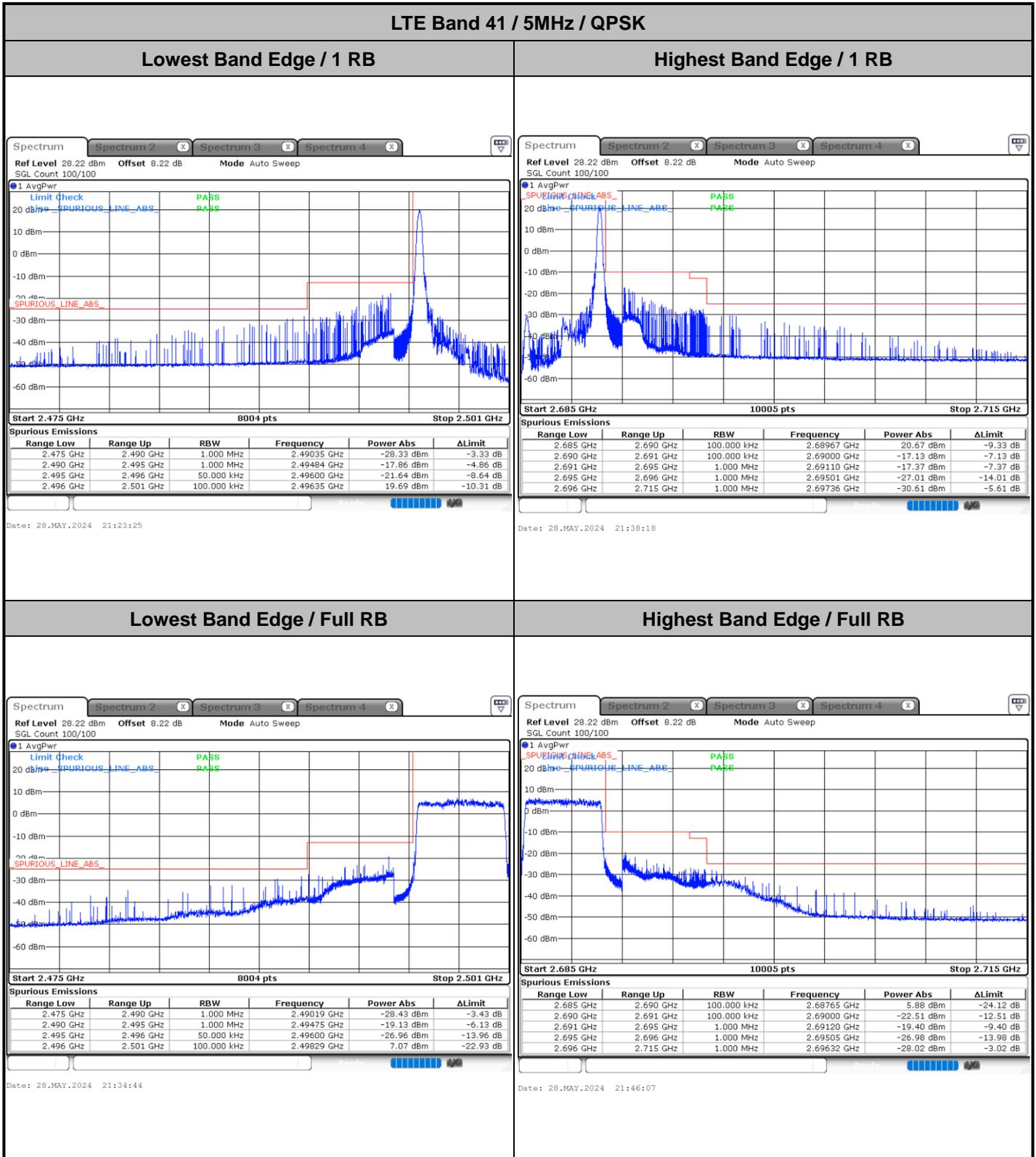
Middle Channel / 20MHz / 16QAM



Date: 29\_MAY.2024 00:38:14



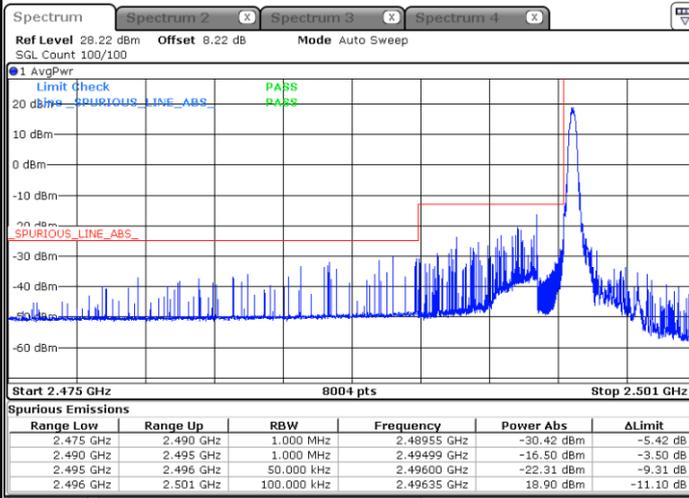
# Conducted Band Edge





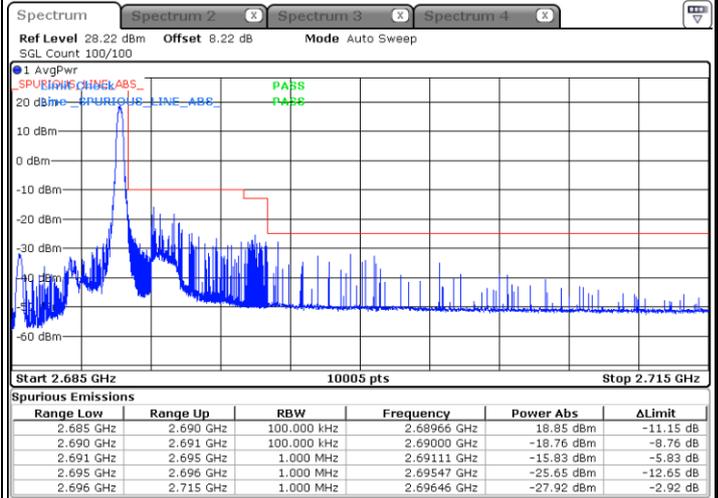
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



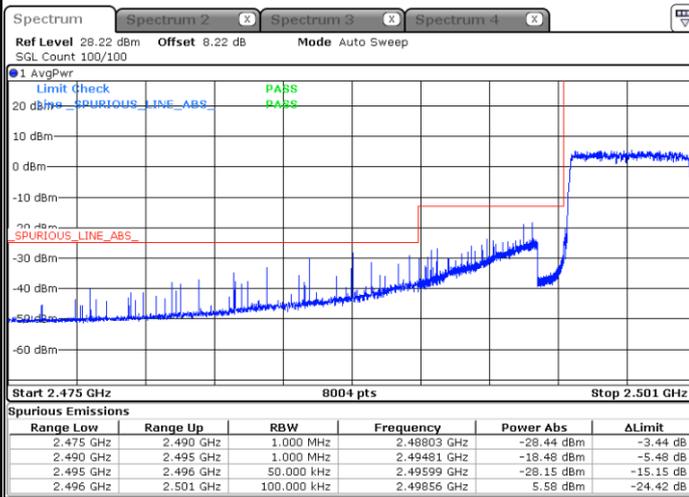
Date: 28.MAY.2024 21:24:21

Highest Band Edge / 1 RB



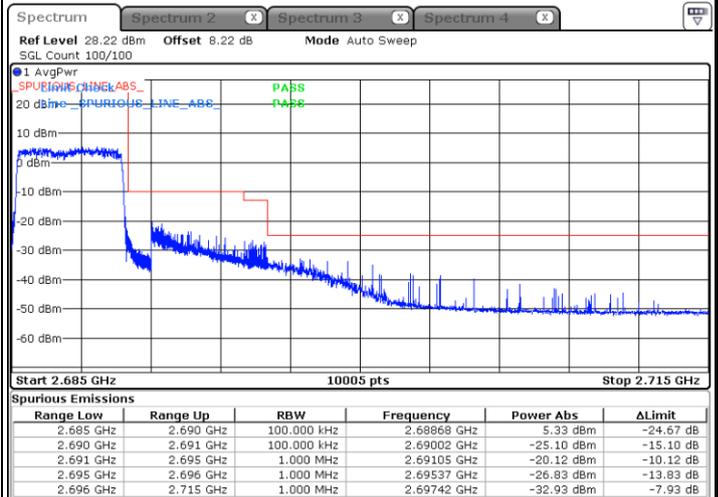
Date: 28.MAY.2024 21:39:13

Lowest Band Edge / Full RB



Date: 28.MAY.2024 21:33:48

Highest Band Edge / Full RB

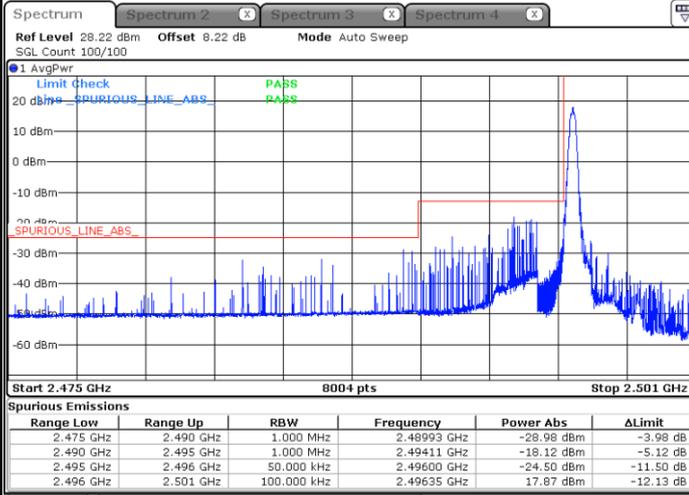


Date: 28.MAY.2024 21:45:12



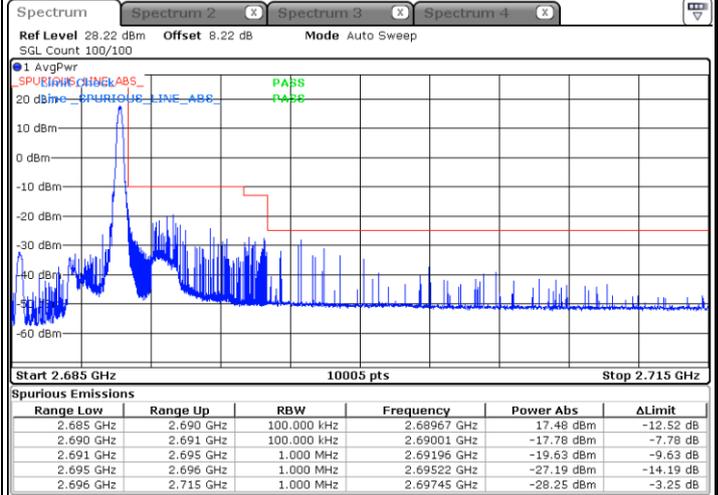
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



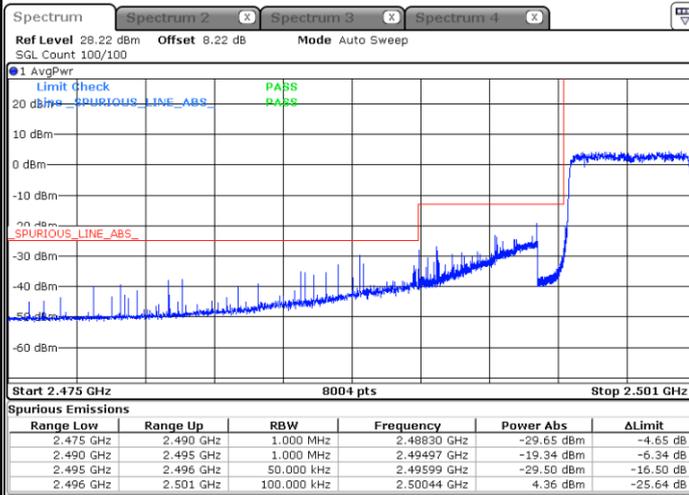
Date: 28.MAY.2024 21:25:16

Highest Band Edge / 1 RB



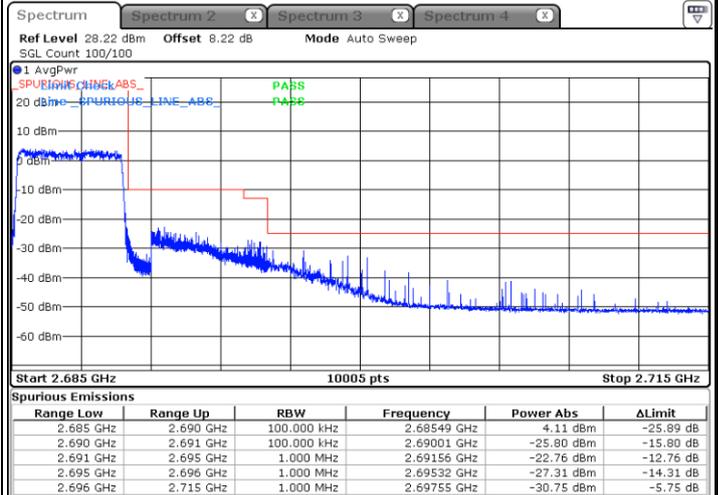
Date: 28.MAY.2024 21:40:08

Lowest Band Edge / Full RB



Date: 28.MAY.2024 21:32:53

Highest Band Edge / Full RB



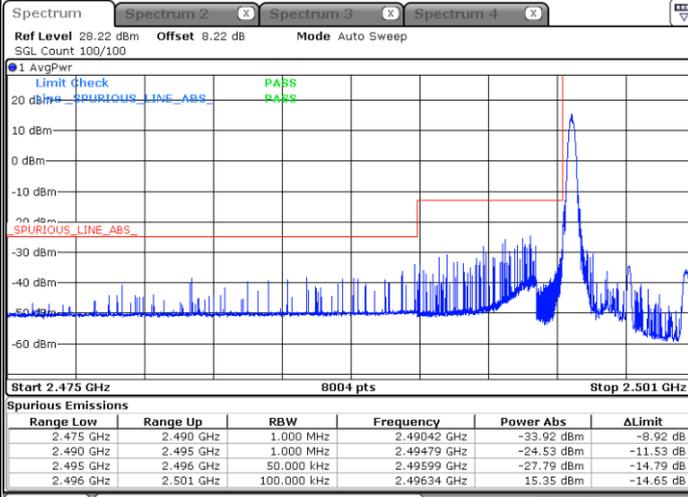
Date: 28.MAY.2024 21:44:17



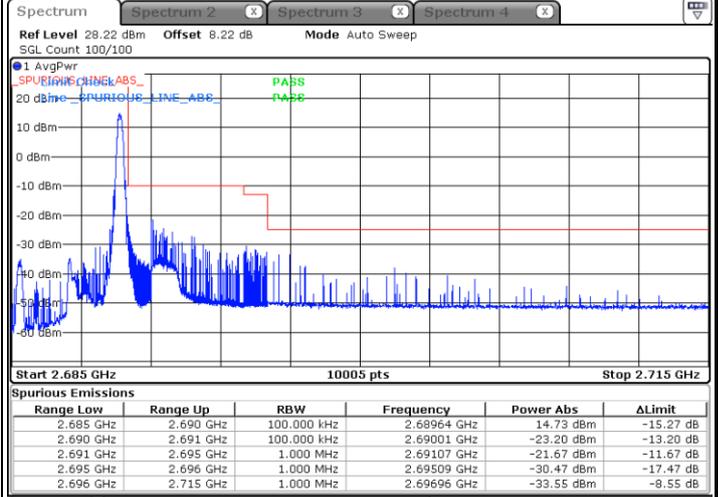
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



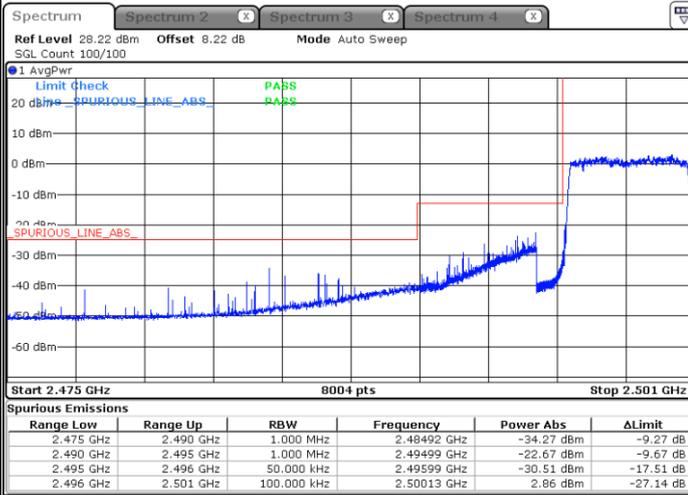
Date: 28.MAY.2024 21:26:12



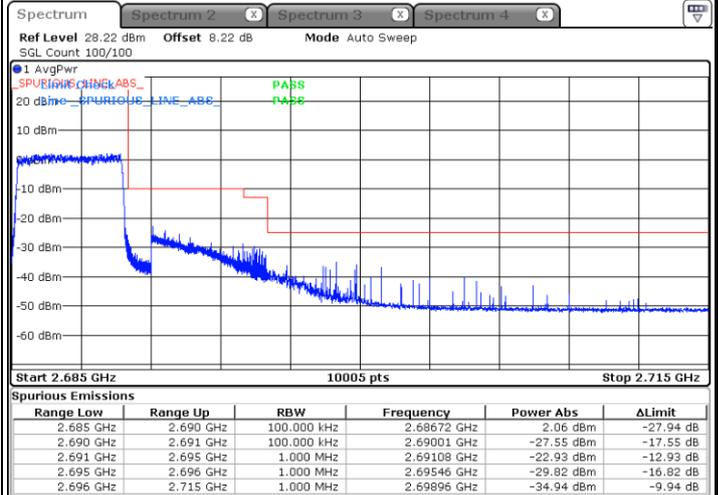
Date: 28.MAY.2024 21:41:03

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.MAY.2024 21:30:59

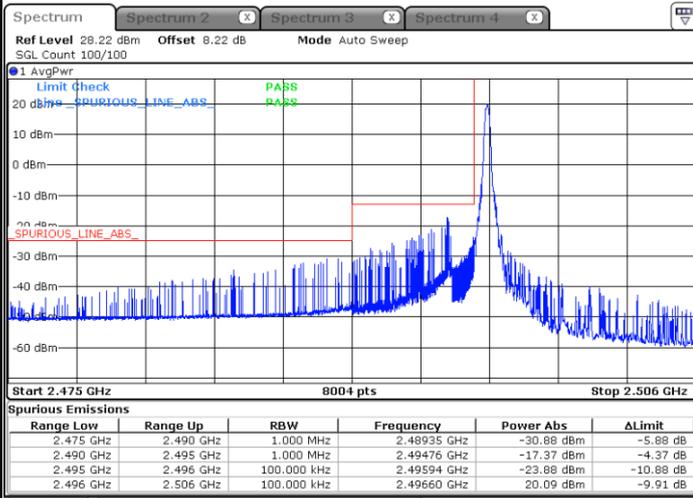


Date: 28.MAY.2024 21:43:19



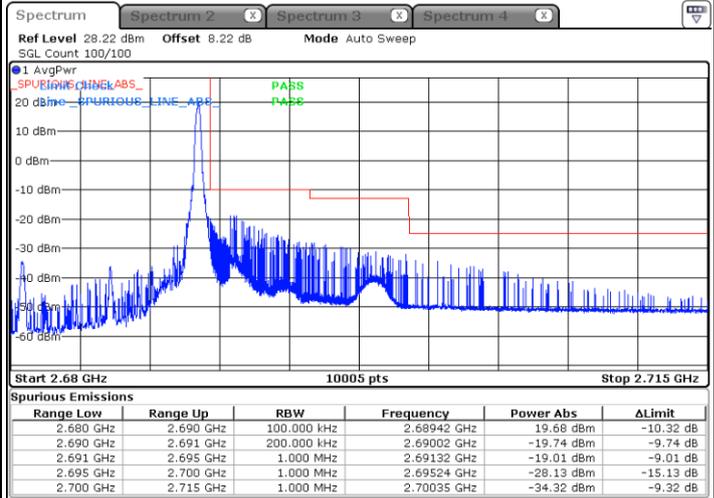
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



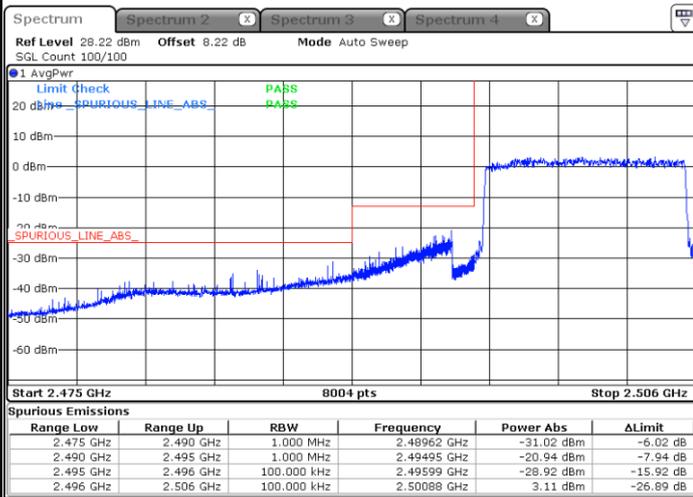
Date: 28.MAY.2024 21:48:23

Highest Band Edge / 1 RB



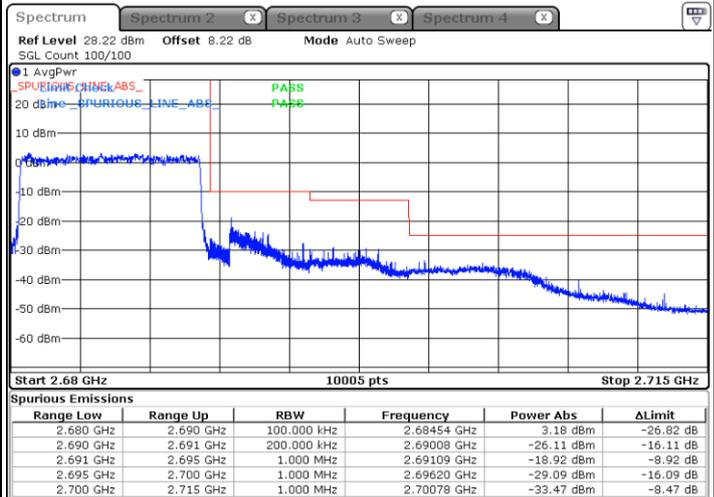
Date: 28.MAY.2024 22:00:40

Lowest Band Edge / Full RB



Date: 28.MAY.2024 21:52:18

Highest Band Edge / Full RB

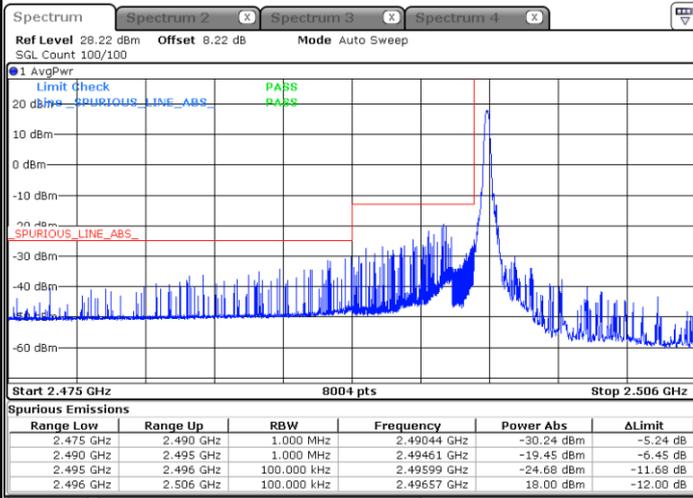


Date: 28.MAY.2024 22:05:22



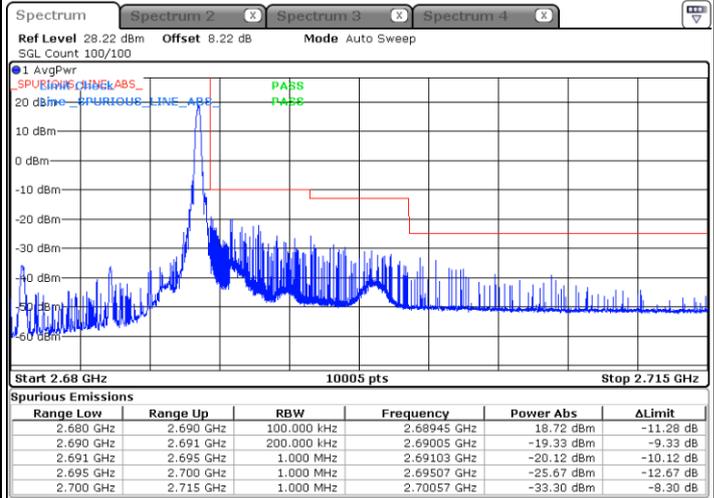
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



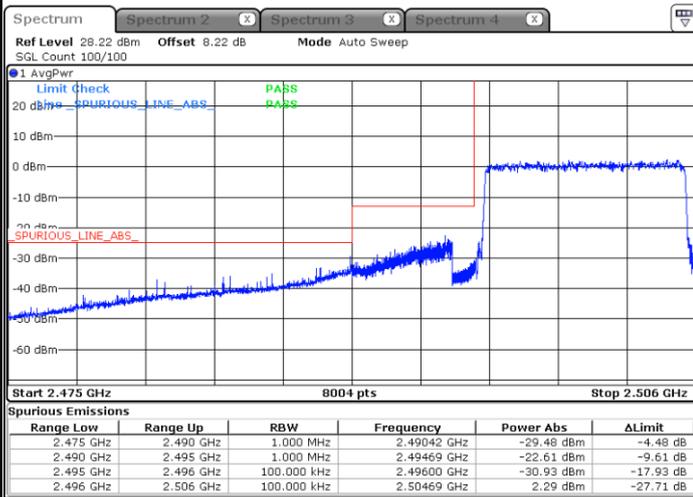
Date: 28.MAY.2024 21:49:18

Highest Band Edge / 1 RB



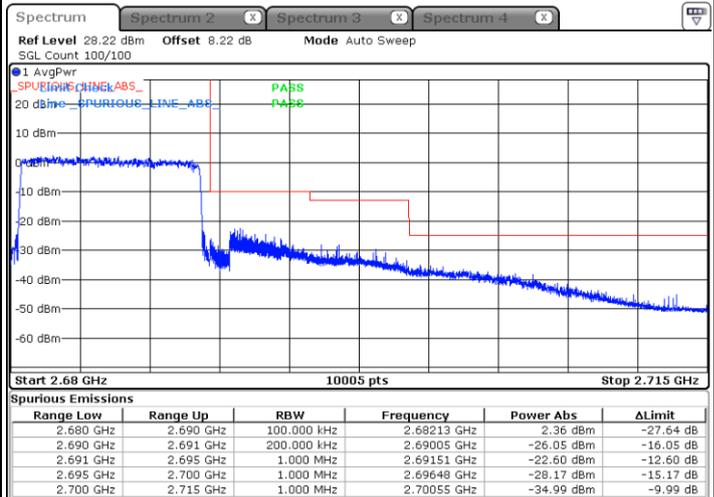
Date: 28.MAY.2024 22:01:35

Lowest Band Edge / Full RB



Date: 28.MAY.2024 21:53:33

Highest Band Edge / Full RB

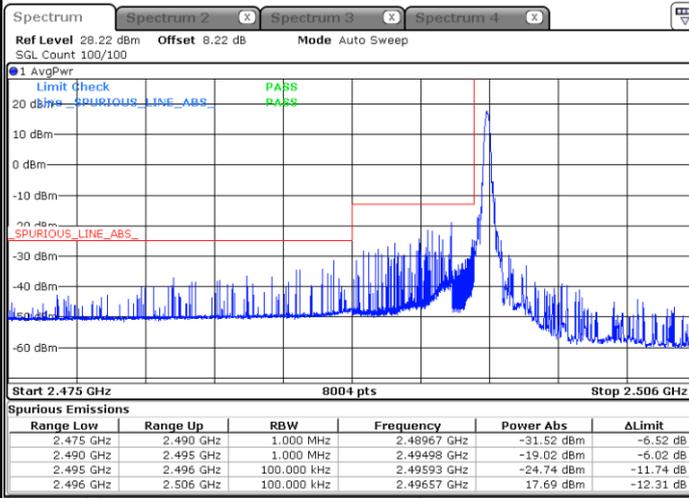


Date: 28.MAY.2024 22:06:17



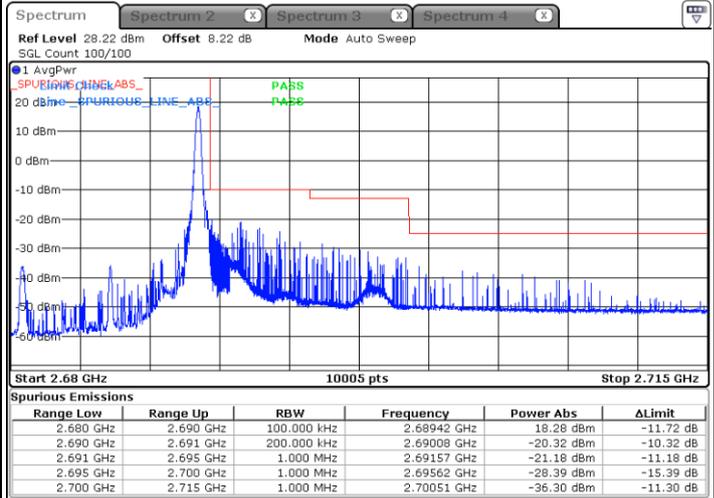
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



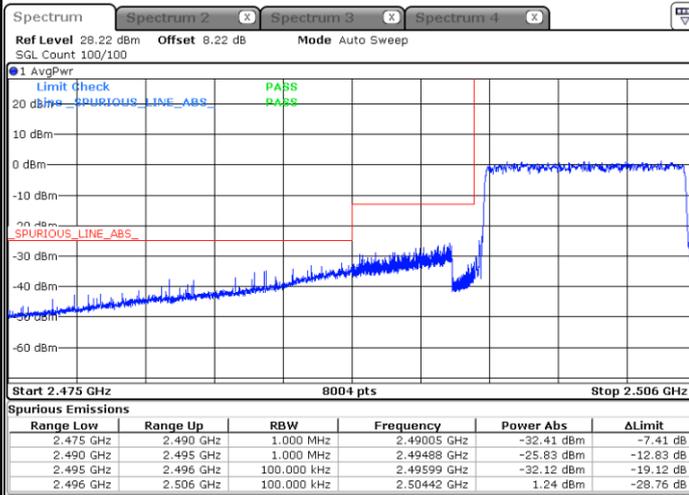
Date: 28.MAY.2024 21:50:13

Highest Band Edge / 1 RB



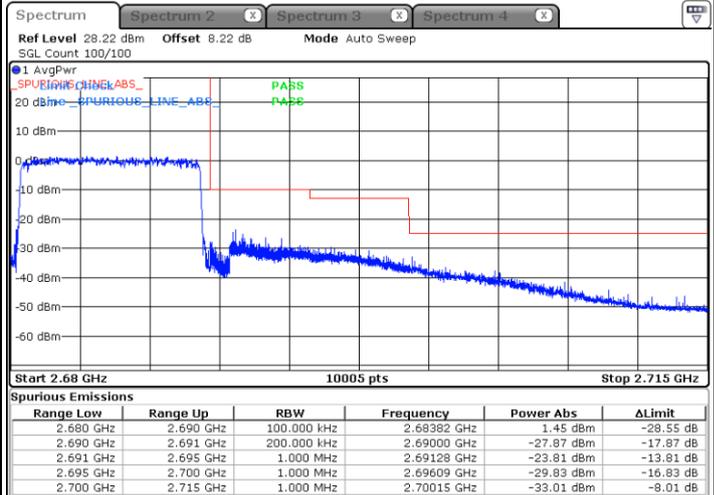
Date: 28.MAY.2024 22:02:31

Lowest Band Edge / Full RB



Date: 28.MAY.2024 21:54:28

Highest Band Edge / Full RB

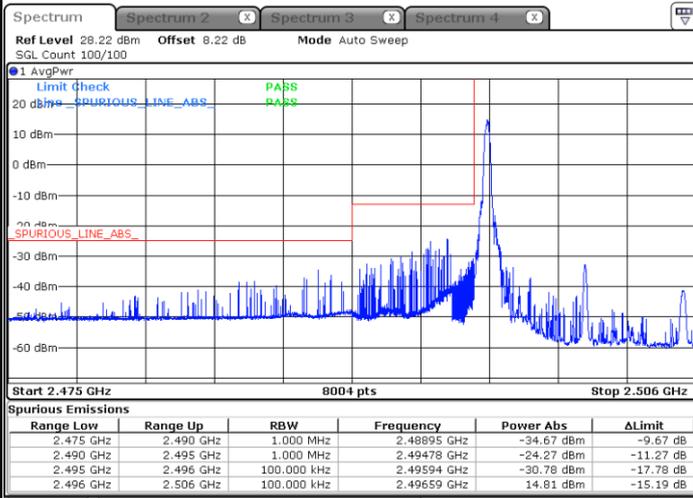


Date: 28.MAY.2024 22:07:12



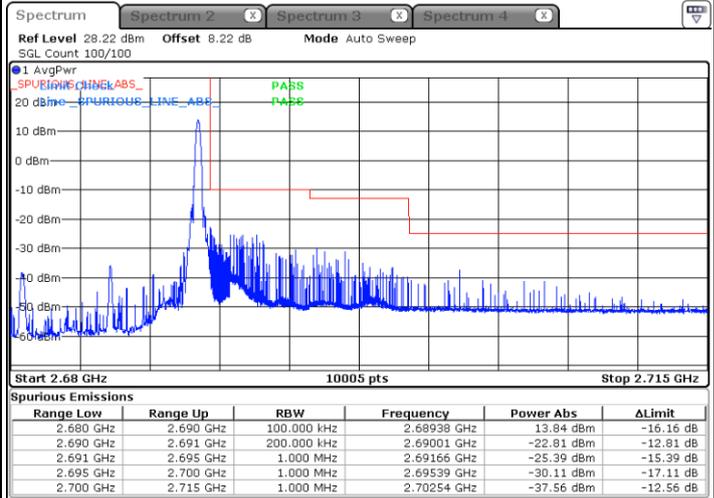
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



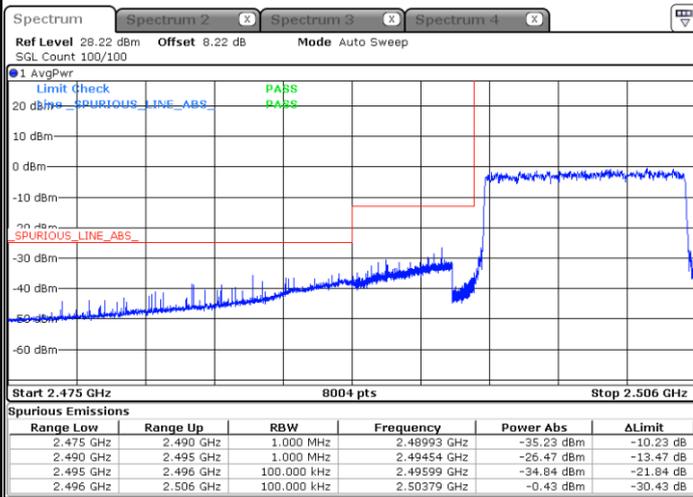
Date: 28.MAY.2024 21:51:08

Highest Band Edge / 1 RB



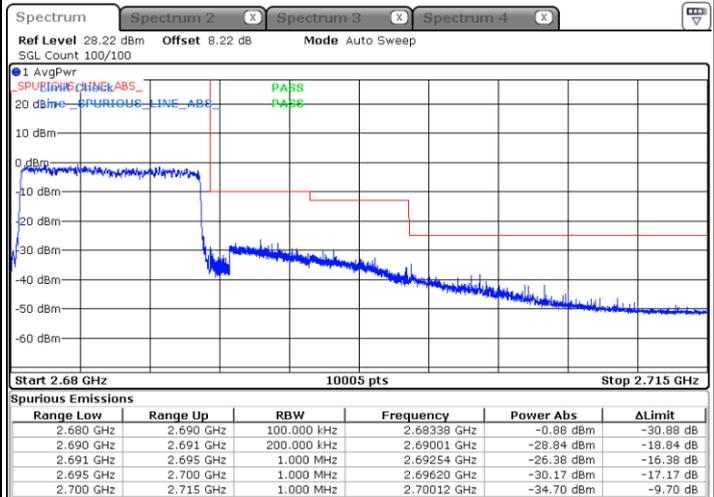
Date: 28.MAY.2024 22:03:26

Lowest Band Edge / Full RB



Date: 28.MAY.2024 21:55:24

Highest Band Edge / Full RB

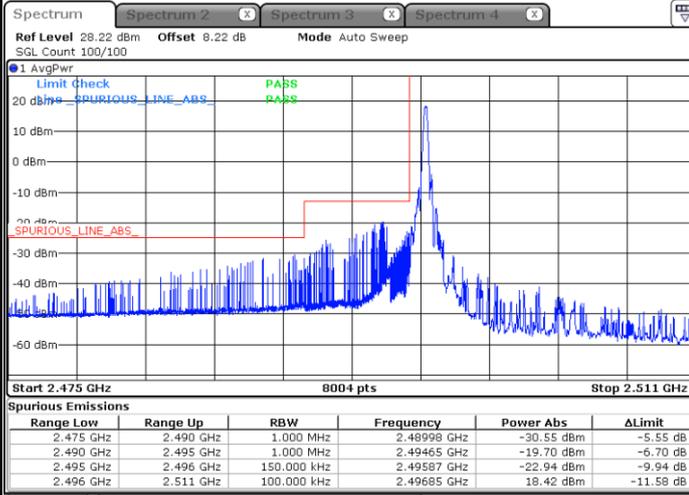


Date: 28.MAY.2024 22:08:07



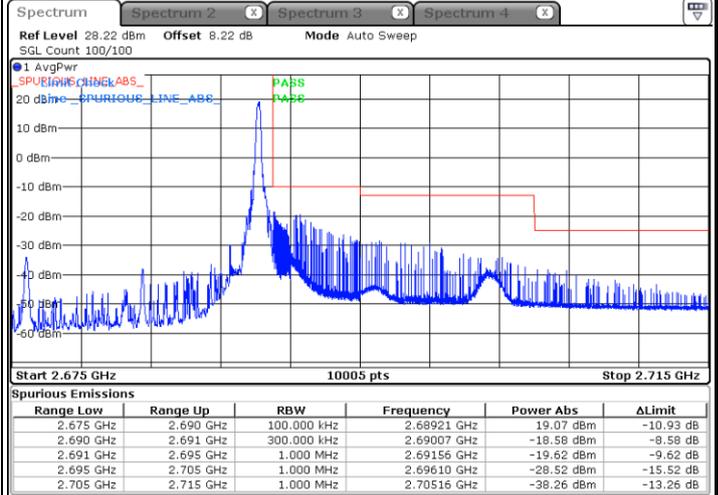
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



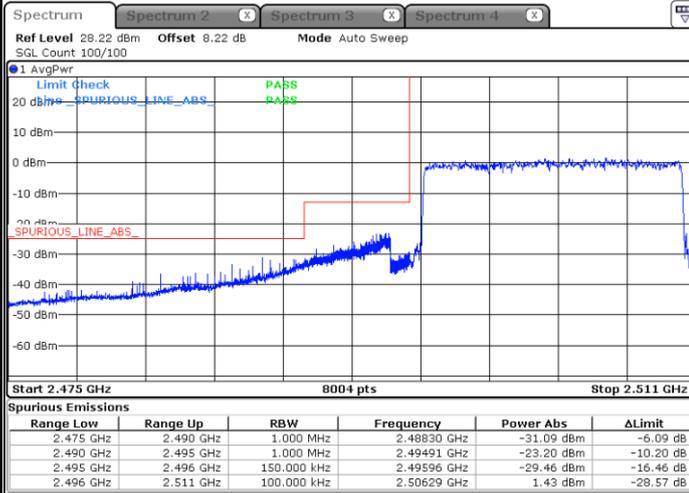
Date: 28.MAY.2024 22:16:07

Highest Band Edge / 1 RB



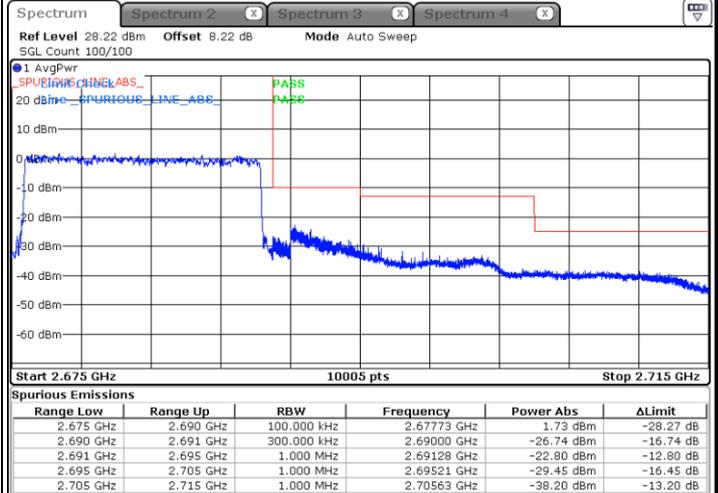
Date: 28.MAY.2024 23:07:37

Lowest Band Edge / Full RB



Date: 28.MAY.2024 22:19:51

Highest Band Edge / Full RB

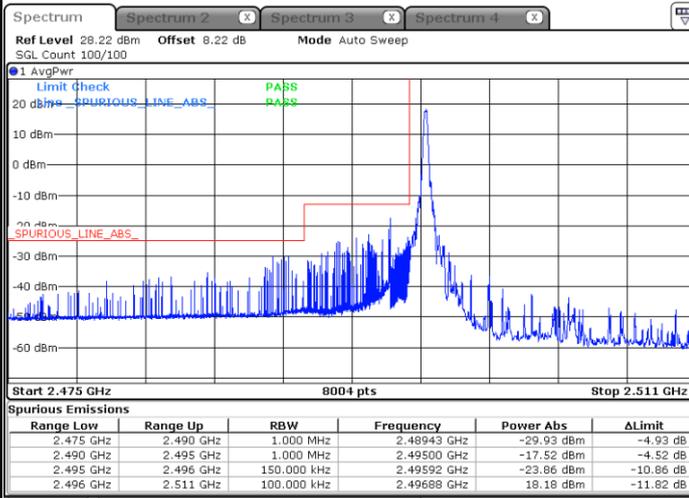


Date: 28.MAY.2024 23:11:20



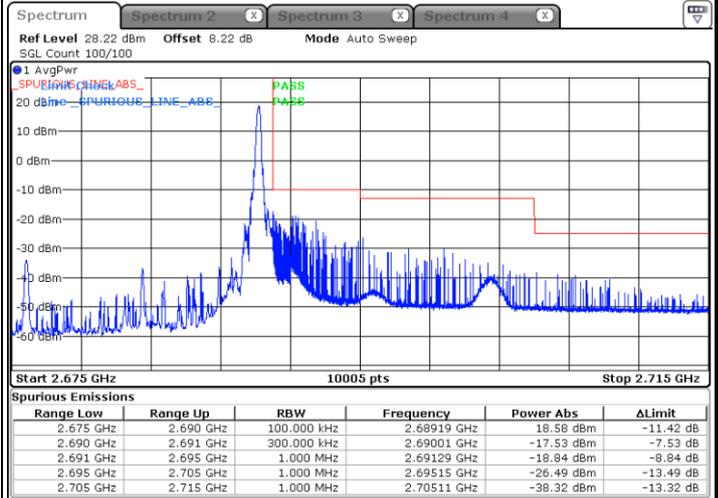
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



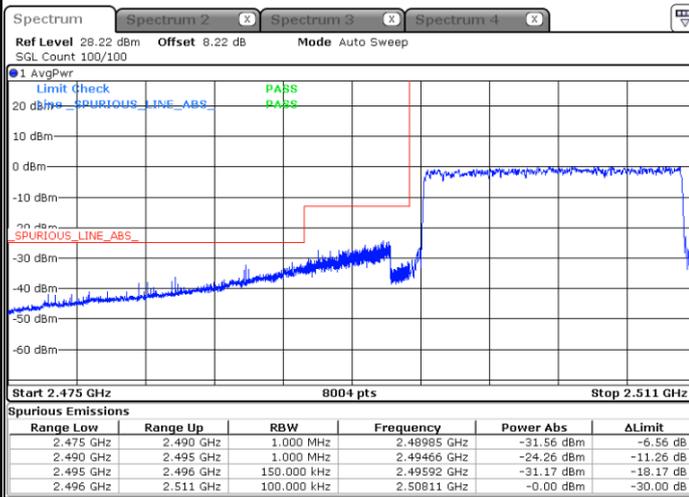
Date: 28.MAY.2024 22:17:02

Highest Band Edge / 1 RB



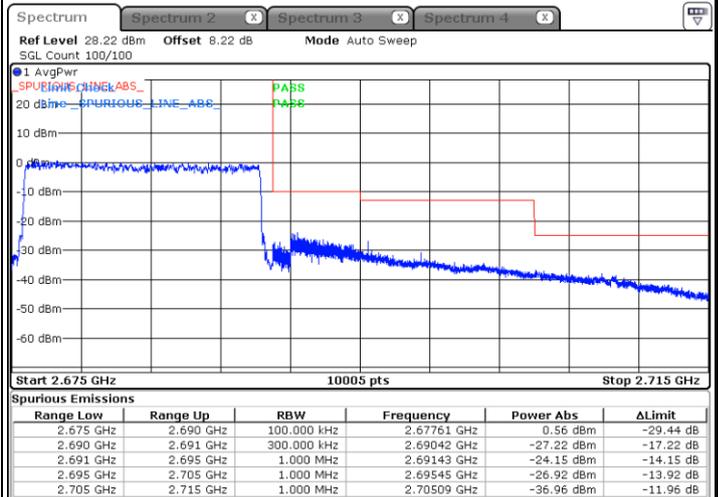
Date: 28.MAY.2024 23:08:32

Lowest Band Edge / Full RB



Date: 28.MAY.2024 22:20:46

Highest Band Edge / Full RB

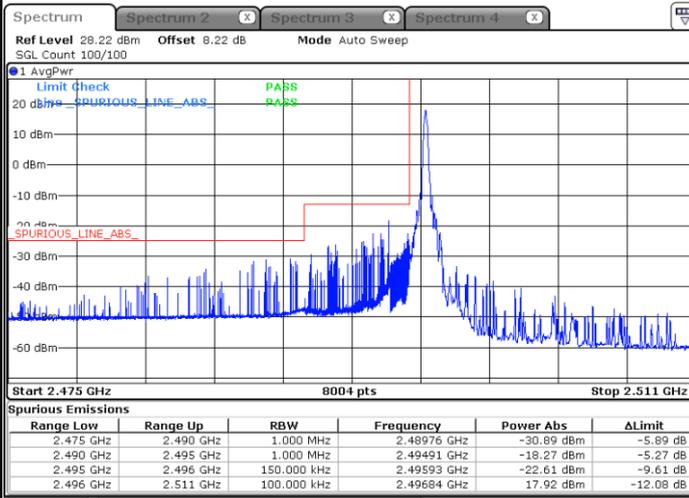


Date: 28.MAY.2024 23:12:15



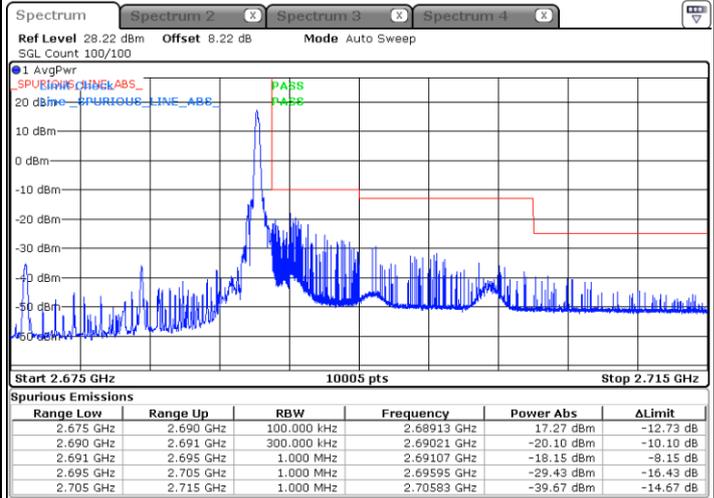
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



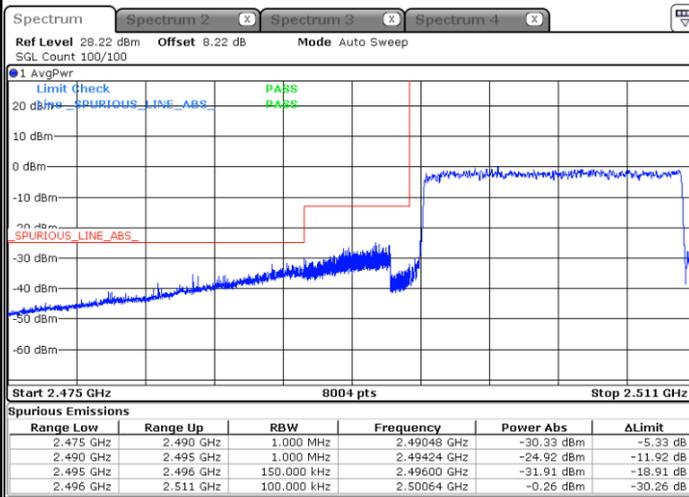
Date: 28.MAY.2024 22:17:57

Highest Band Edge / 1 RB



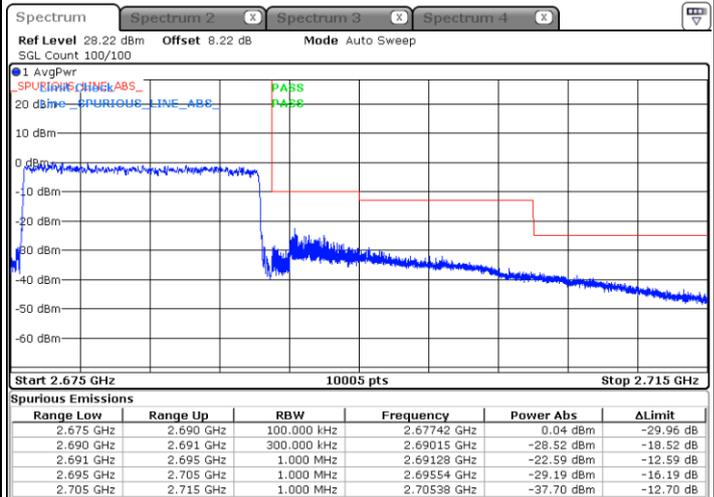
Date: 28.MAY.2024 23:09:27

Lowest Band Edge / Full RB



Date: 28.MAY.2024 22:21:42

Highest Band Edge / Full RB



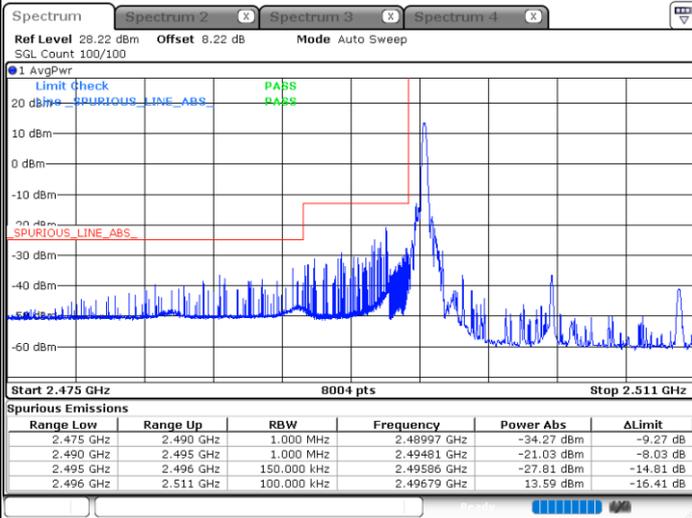
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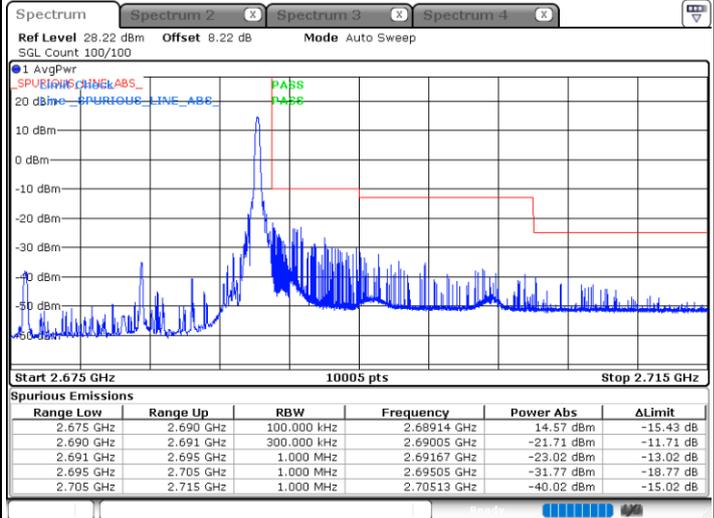
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



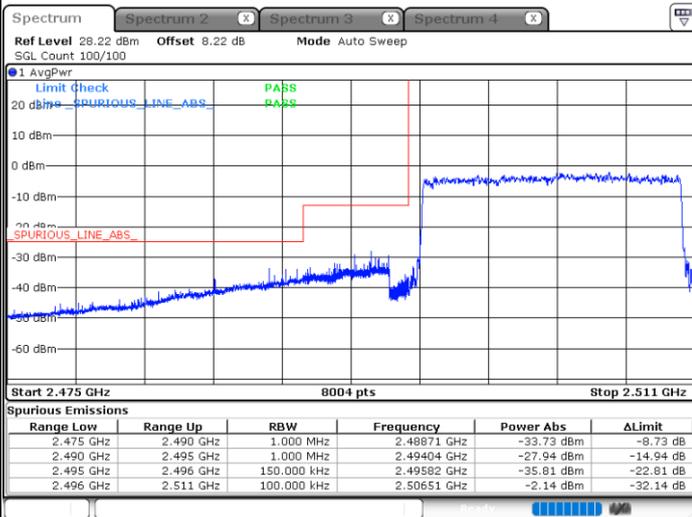
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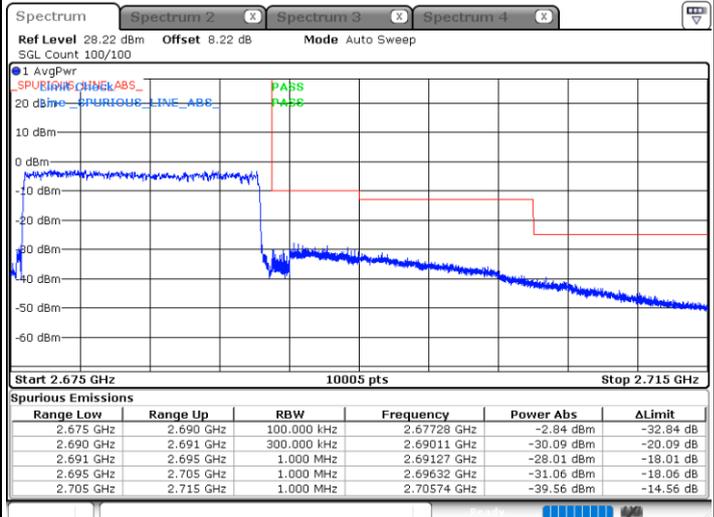
Date: 28.MAY.2024 23:10:22

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28.MAY.2024 22:22:37

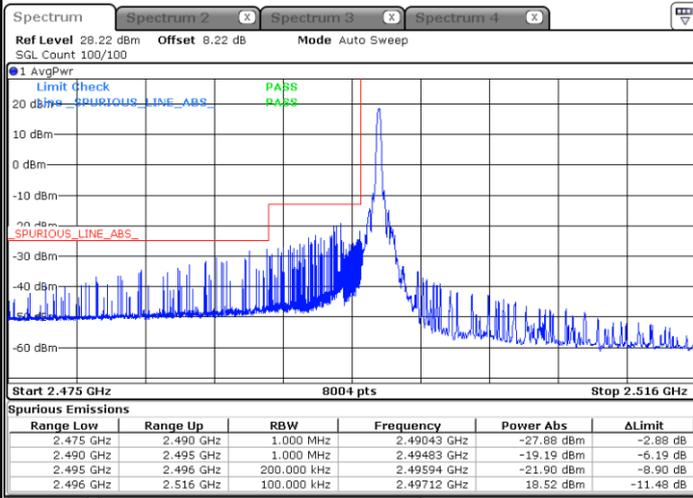


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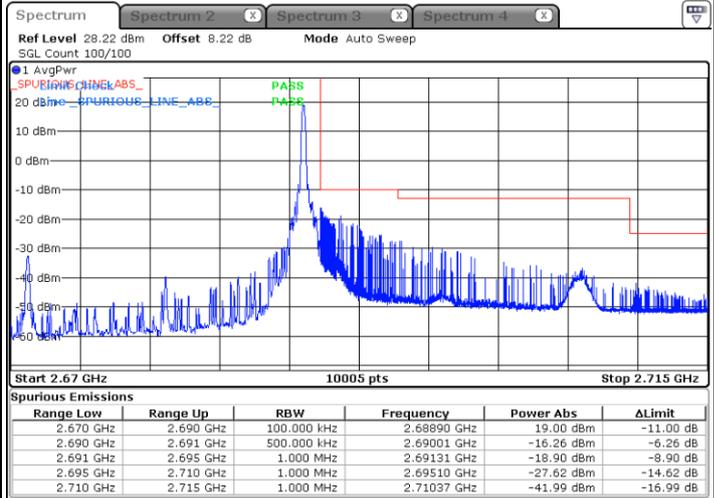
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



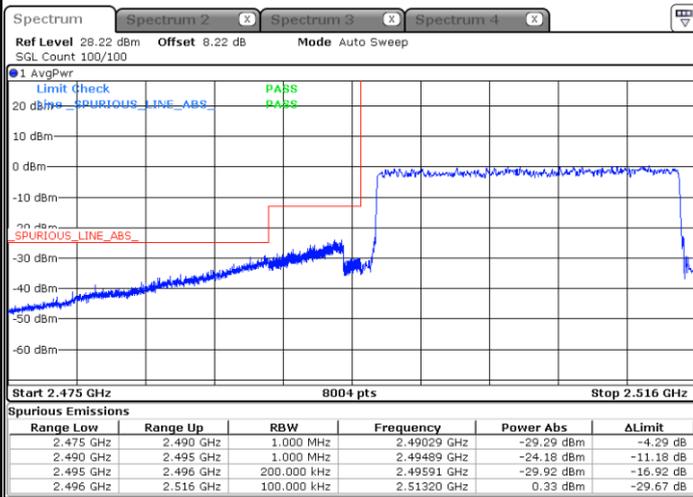
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Highest Band Edge / 1 RB



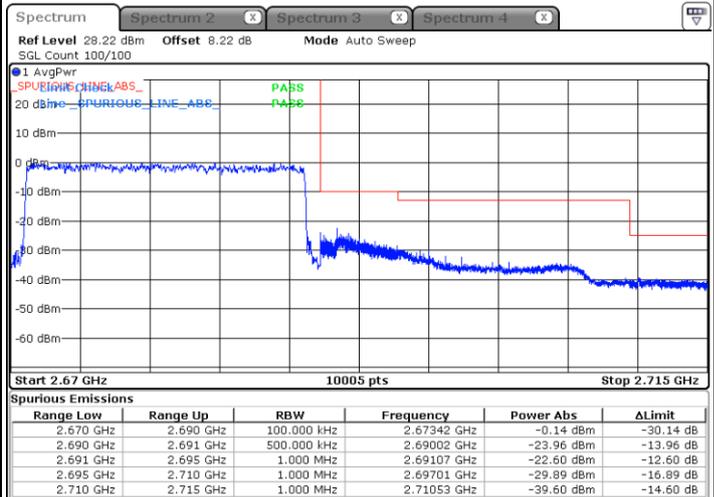
Date: 28.MAY.2024 23:33:24

Lowest Band Edge / Full RB



Date: 28.MAY.2024 23:25:19

Highest Band Edge / Full RB

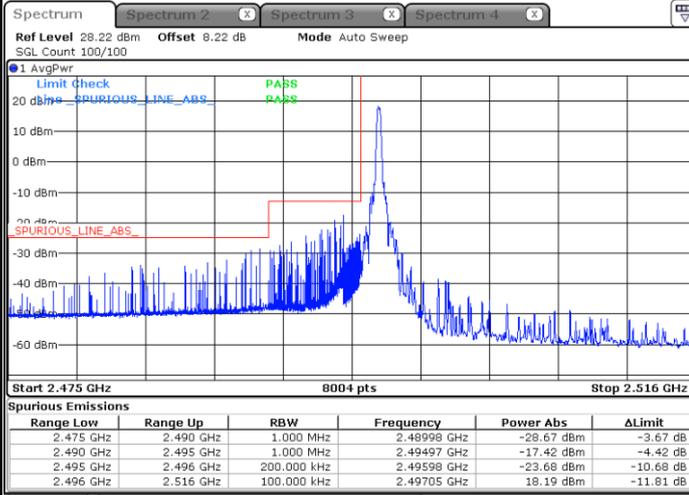


Date: 28.MAY.2024 23:37:08



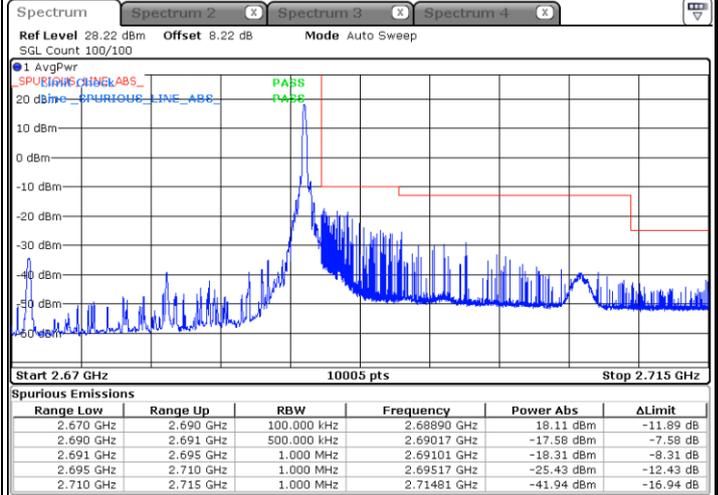
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



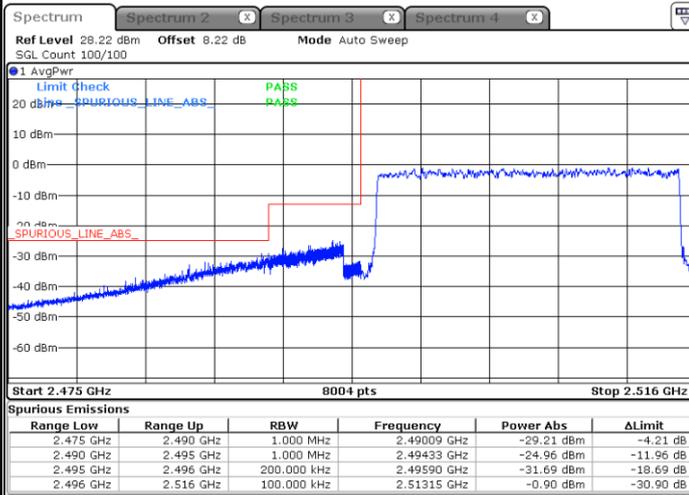
Date: 28.MAY.2024 23:22:30

Highest Band Edge / 1 RB



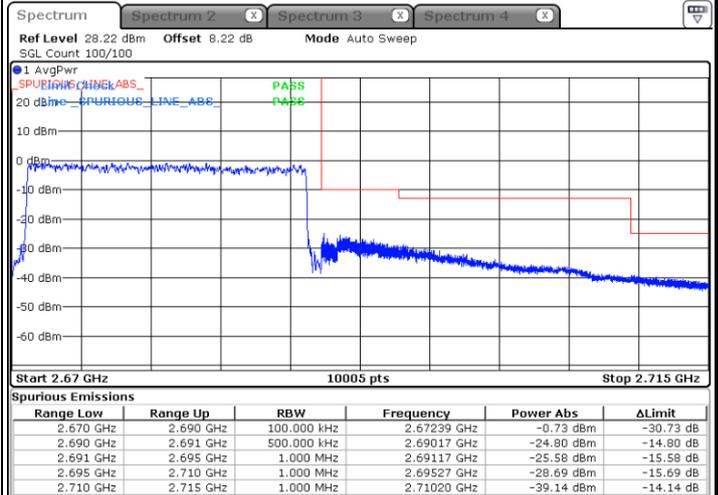
Date: 28.MAY.2024 23:34:19

Lowest Band Edge / Full RB



Date: 28.MAY.2024 23:26:15

Highest Band Edge / Full RB



Date: 28.MAY.2024 23:38:03