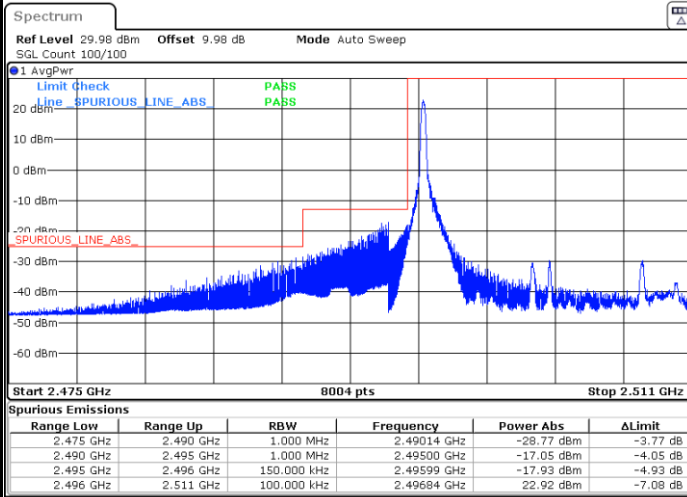




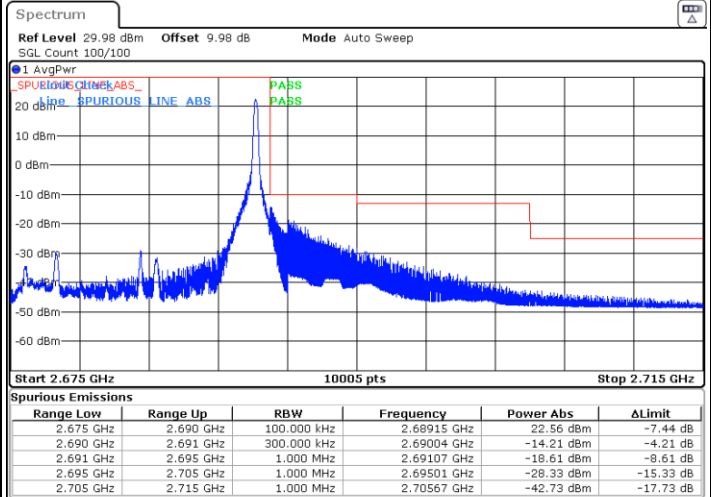
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



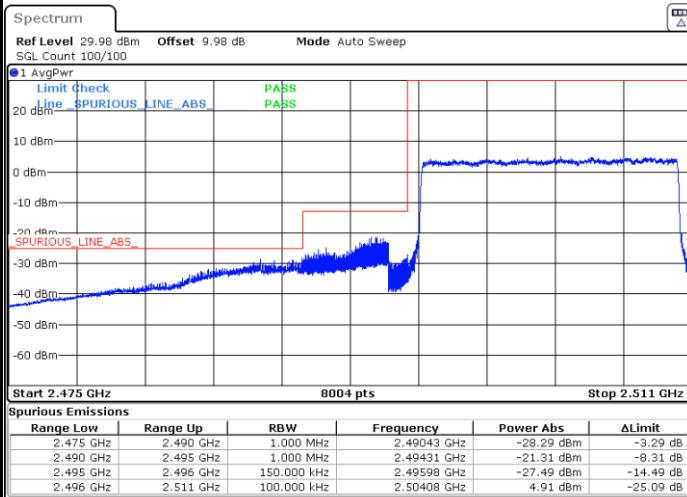
Date: 7.MAR.2024 07:41:16

Highest Band Edge / 1 RB



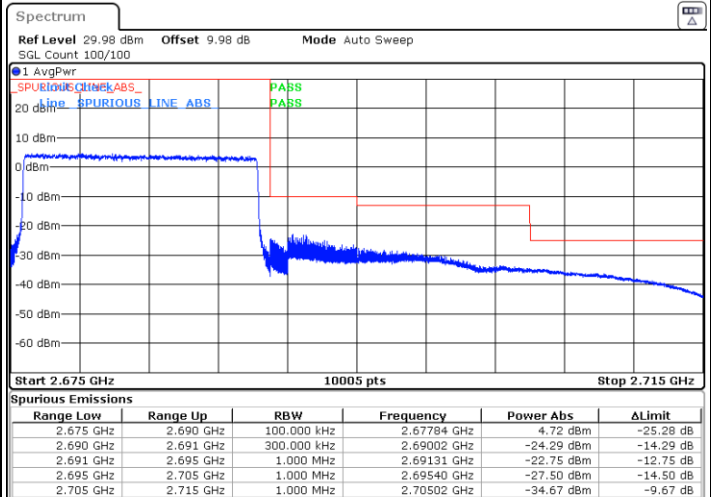
Date: 7.MAR.2024 07:53:15

Lowest Band Edge / Full RB



Date: 7.MAR.2024 07:45:50

Highest Band Edge / Full RB

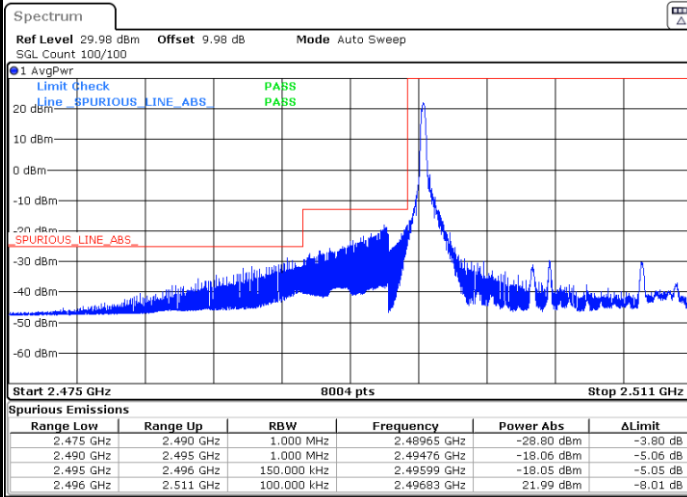


Date: 7.MAR.2024 07:57:48



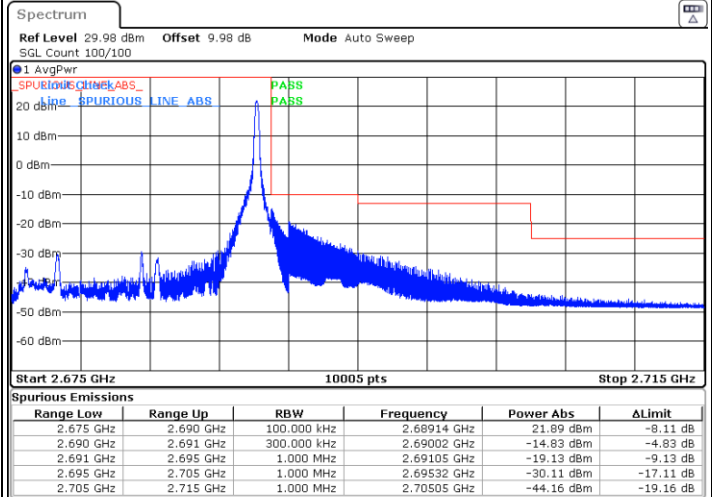
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



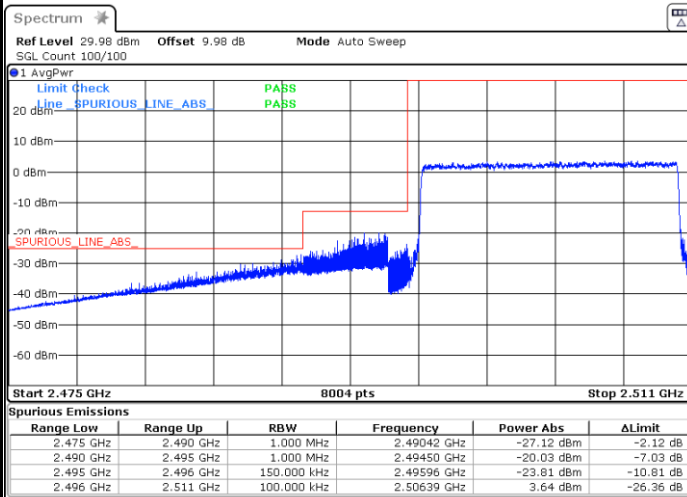
Date: 7.MAR.2024 07:42:27

Highest Band Edge / 1 RB



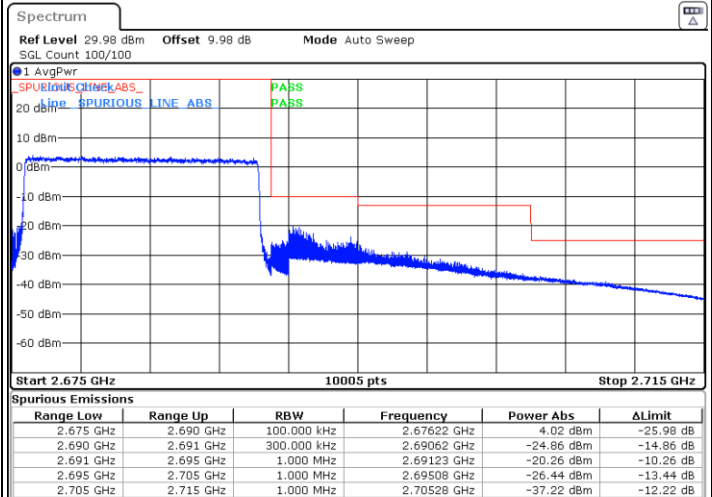
Date: 7.MAR.2024 07:54:25

Lowest Band Edge / Full RB



Date: 7.MAR.2024 09:20:24

Highest Band Edge / Full RB

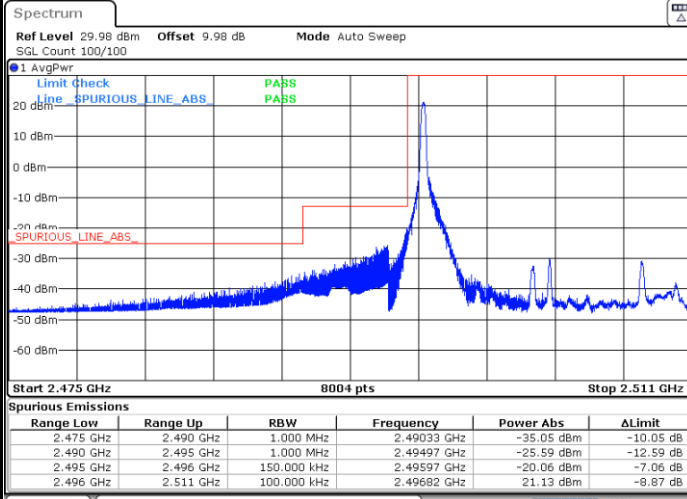


Date: 7.MAR.2024 07:58:56



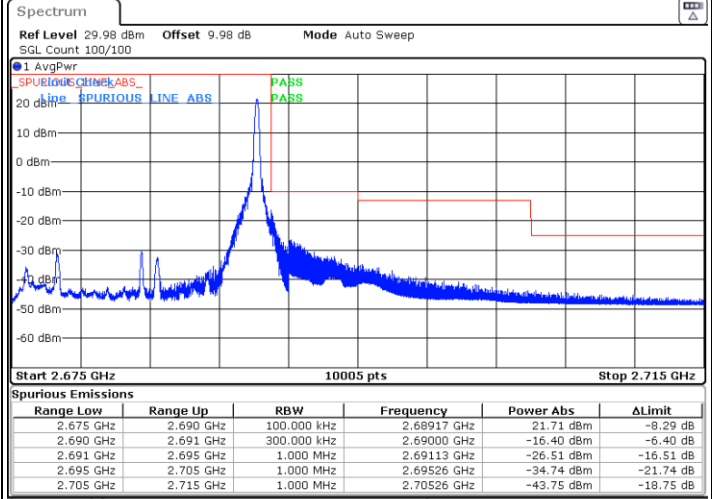
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



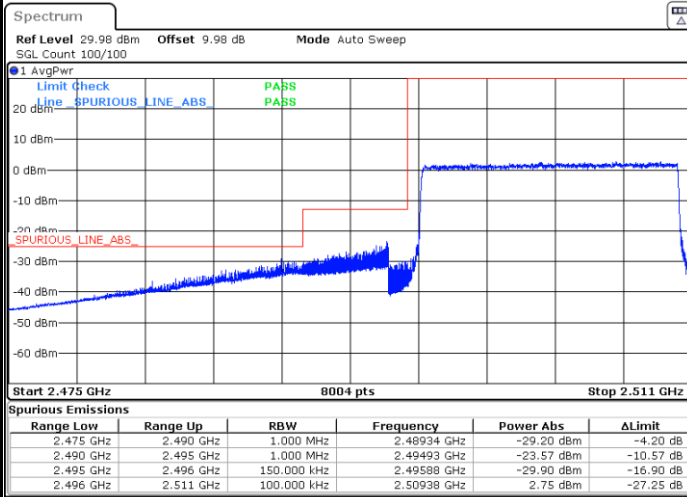
Date: 7.MAR.2024 07:43:35

Highest Band Edge / 1 RB



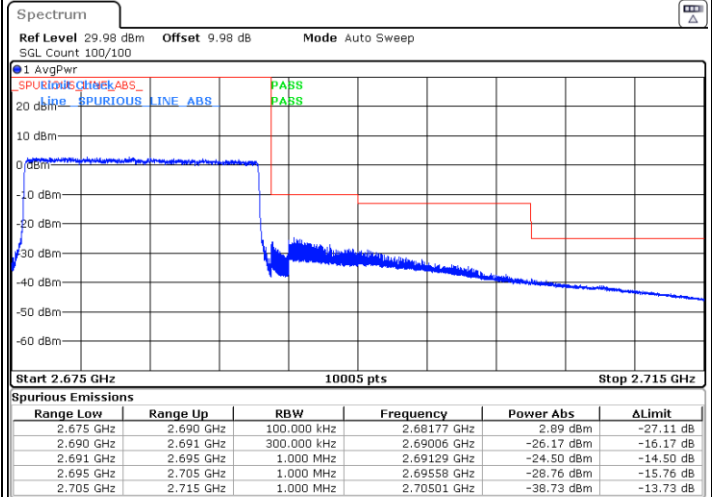
Date: 7.MAR.2024 07:55:33

Lowest Band Edge / Full RB



Date: 7.MAR.2024 07:48:06

Highest Band Edge / Full RB

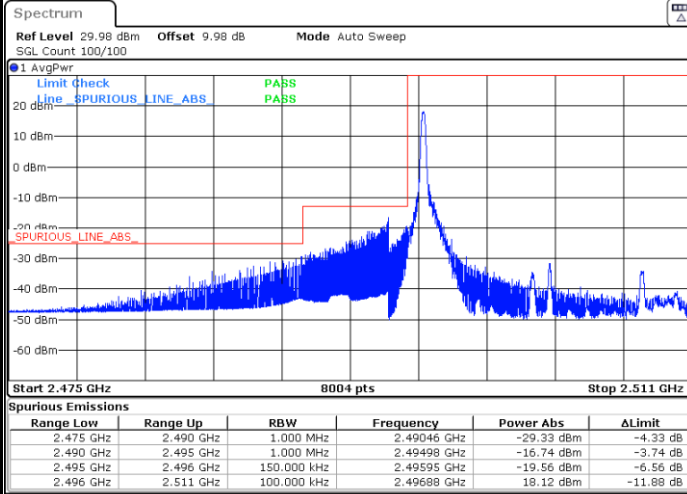


Date: 7.MAR.2024 08:00:04



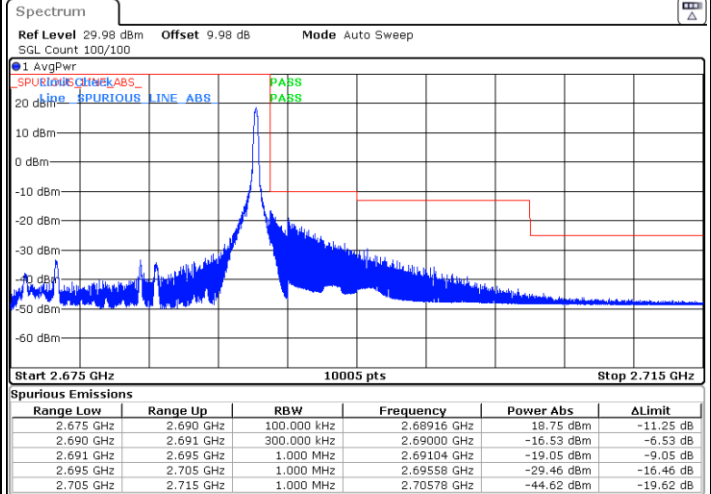
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



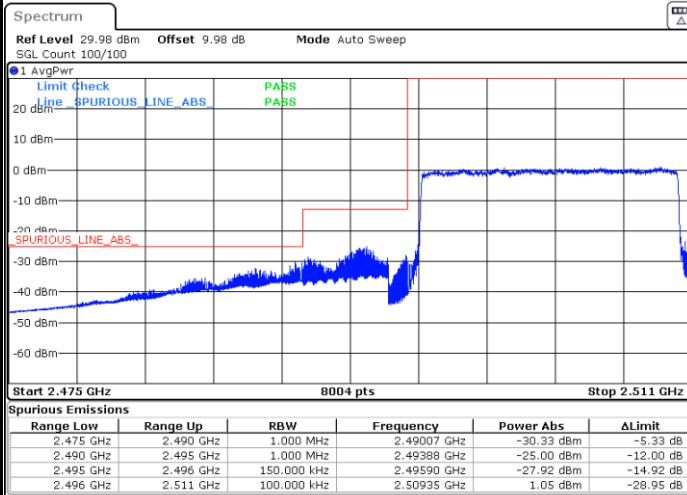
Date: 7.MAR.2024 07:44:42

Highest Band Edge / 1 RB



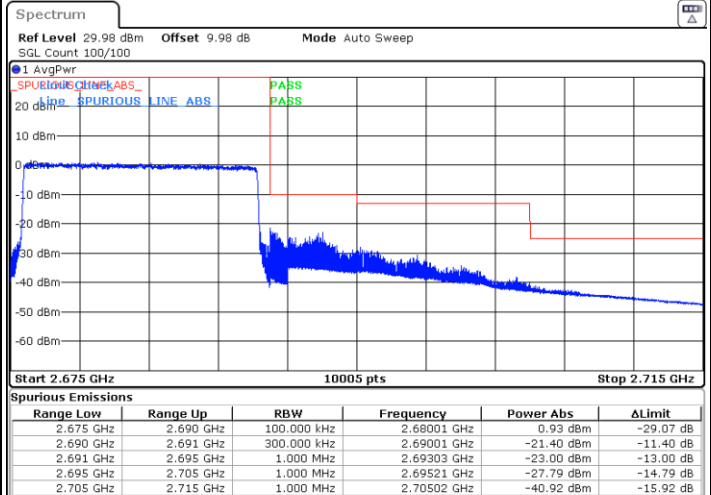
Date: 7.MAR.2024 07:56:40

Lowest Band Edge / Full RB



Date: 7.MAR.2024 07:49:14

Highest Band Edge / Full RB

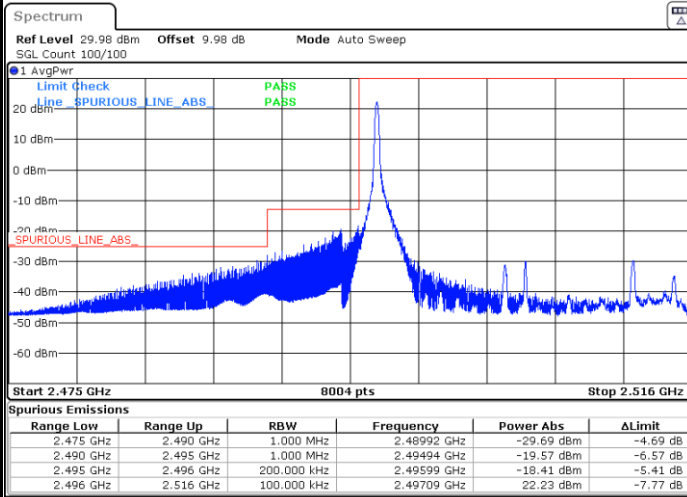


Date: 7.MAR.2024 08:01:12



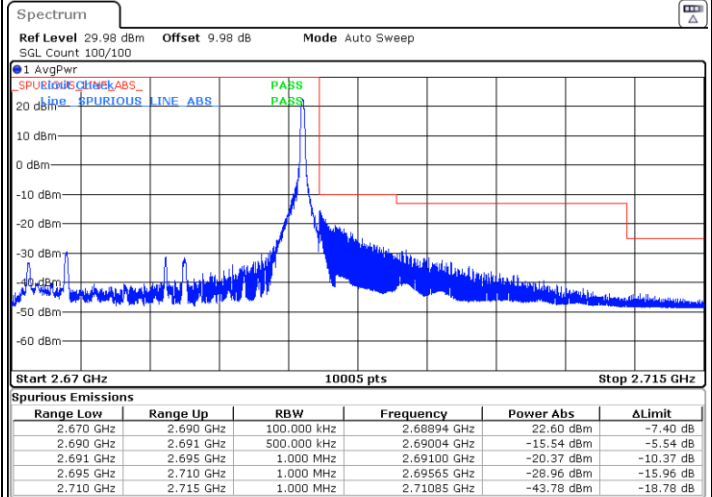
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



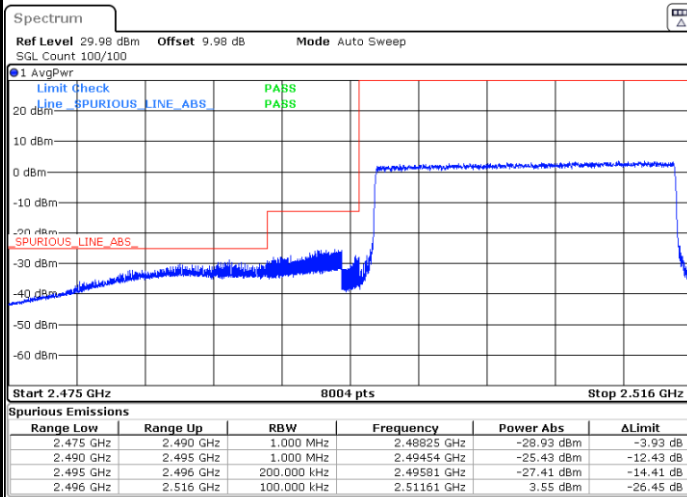
Date: 7.MAR.2024 08:04:16

Highest Band Edge / 1 RB



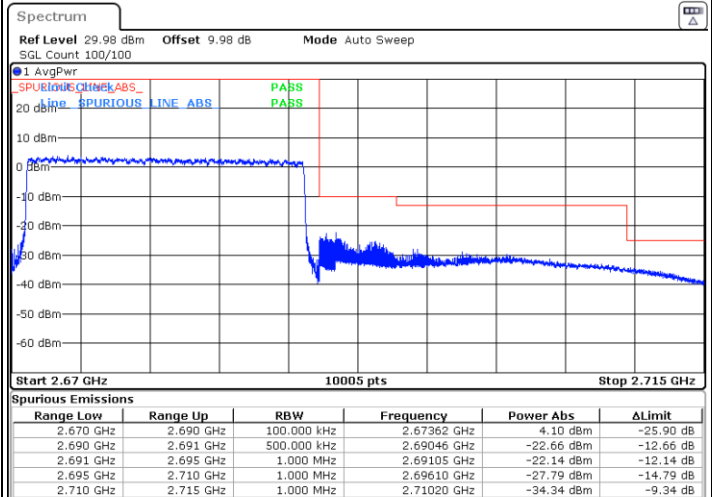
Date: 7.MAR.2024 08:16:56

Lowest Band Edge / Full RB



Date: 7.MAR.2024 08:08:51

Highest Band Edge / Full RB

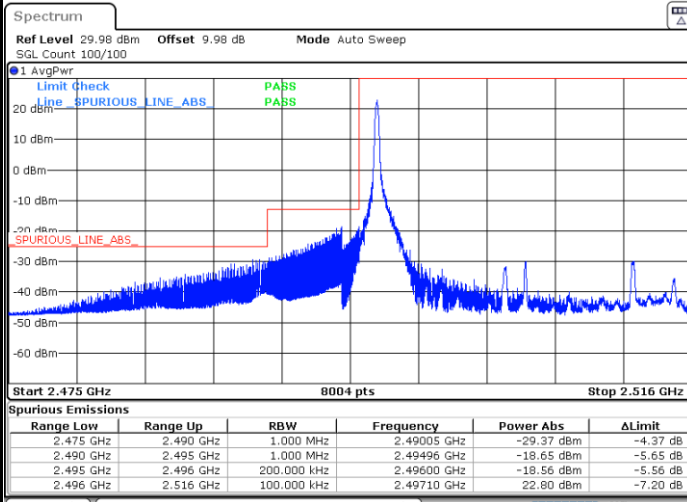


Date: 7.MAR.2024 08:21:30



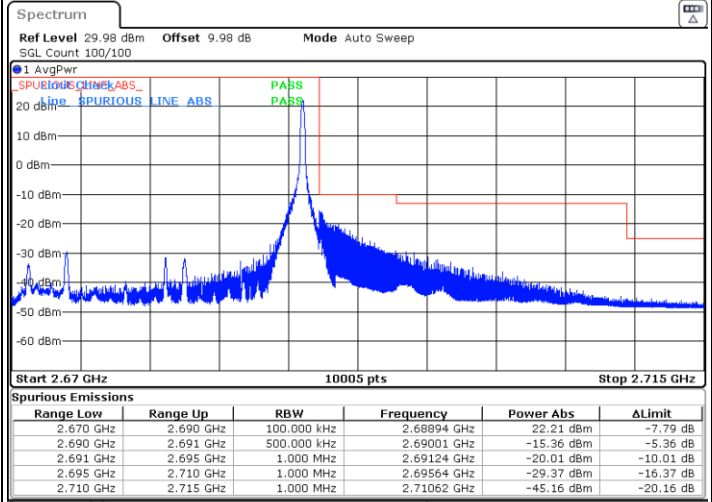
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



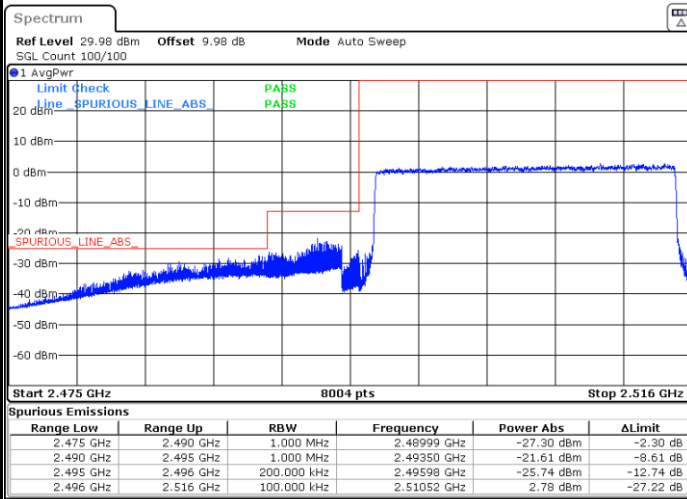
Date: 7.MAR.2024 08:05:27

Highest Band Edge / 1 RB



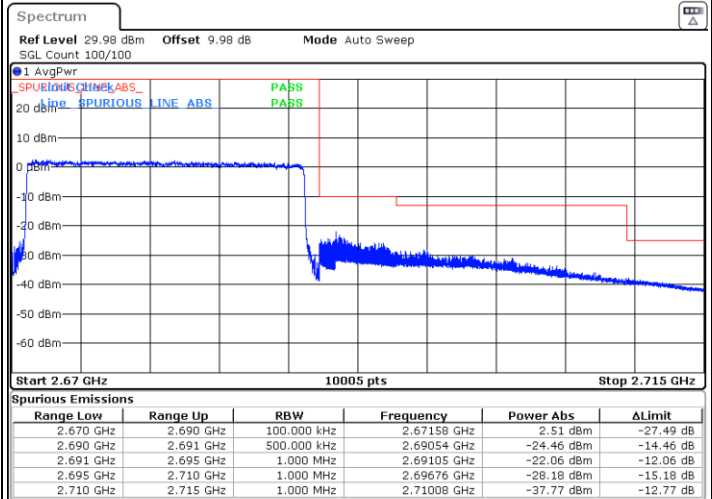
Date: 7.MAR.2024 08:18:07

Lowest Band Edge / Full RB



Date: 7.MAR.2024 08:09:59

Highest Band Edge / Full RB

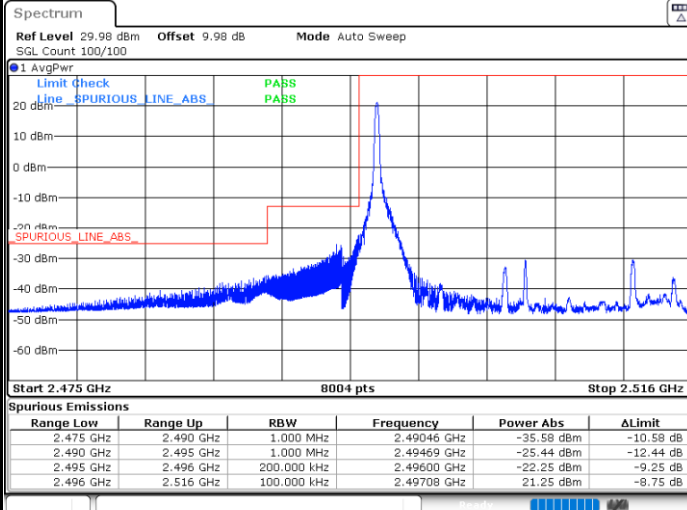


Date: 7.MAR.2024 08:22:38



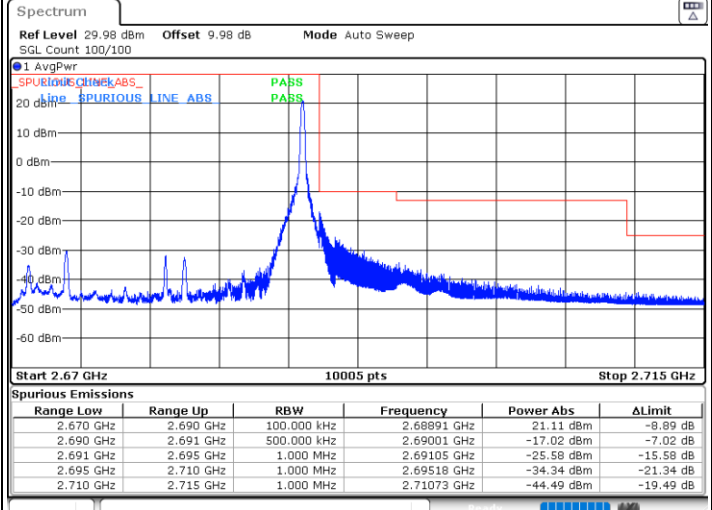
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



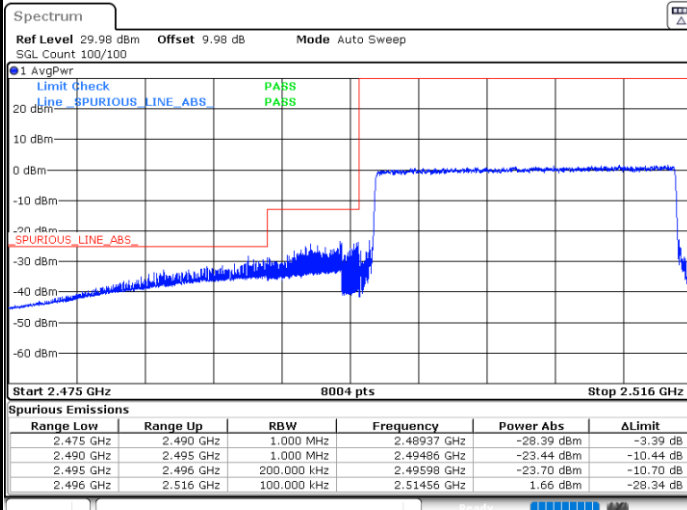
Date: 7.MAR.2024 08:06:35

Highest Band Edge / 1 RB



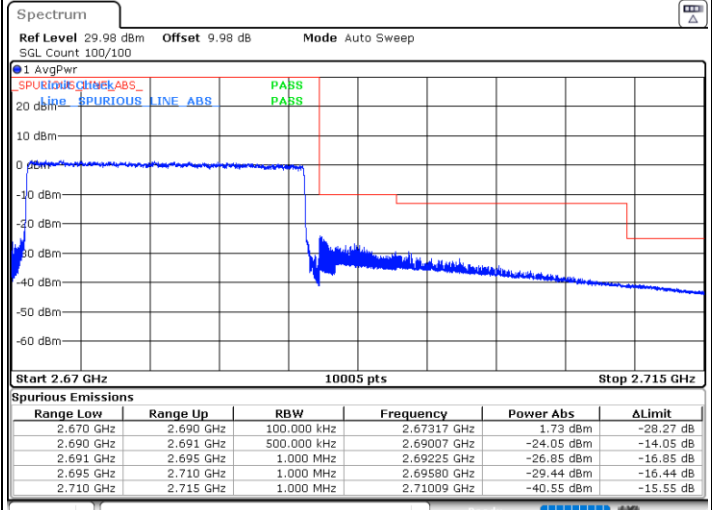
Date: 7.MAR.2024 08:19:15

Lowest Band Edge / Full RB



Date: 7.MAR.2024 08:11:07

Highest Band Edge / Full RB



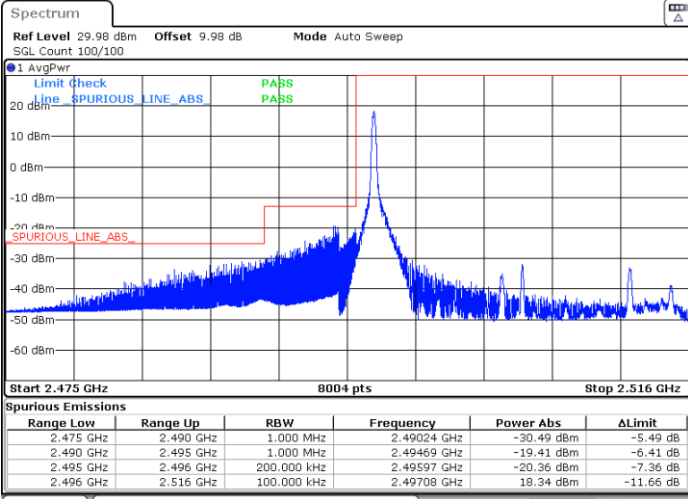
Date: 7.MAR.2024 08:23:46



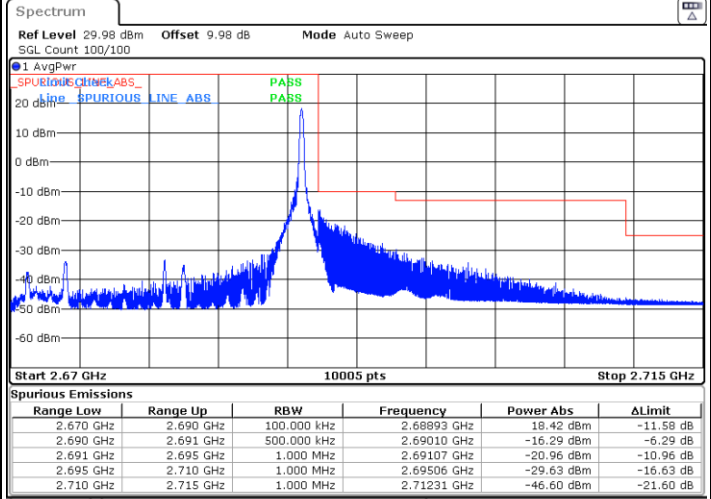
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



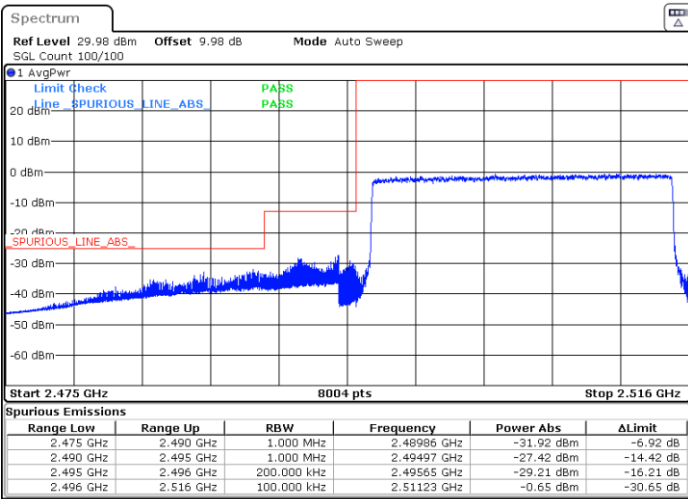
Date: 7.MAR.2024 08:07:42



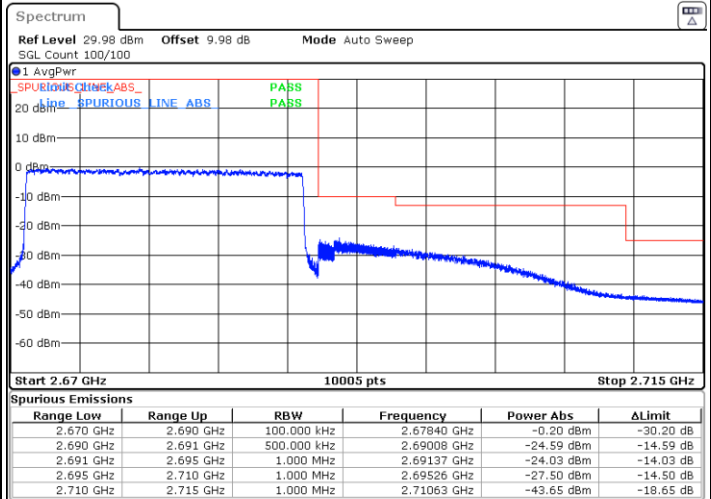
Date: 7.MAR.2024 08:20:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 7.MAR.2024 08:47:45

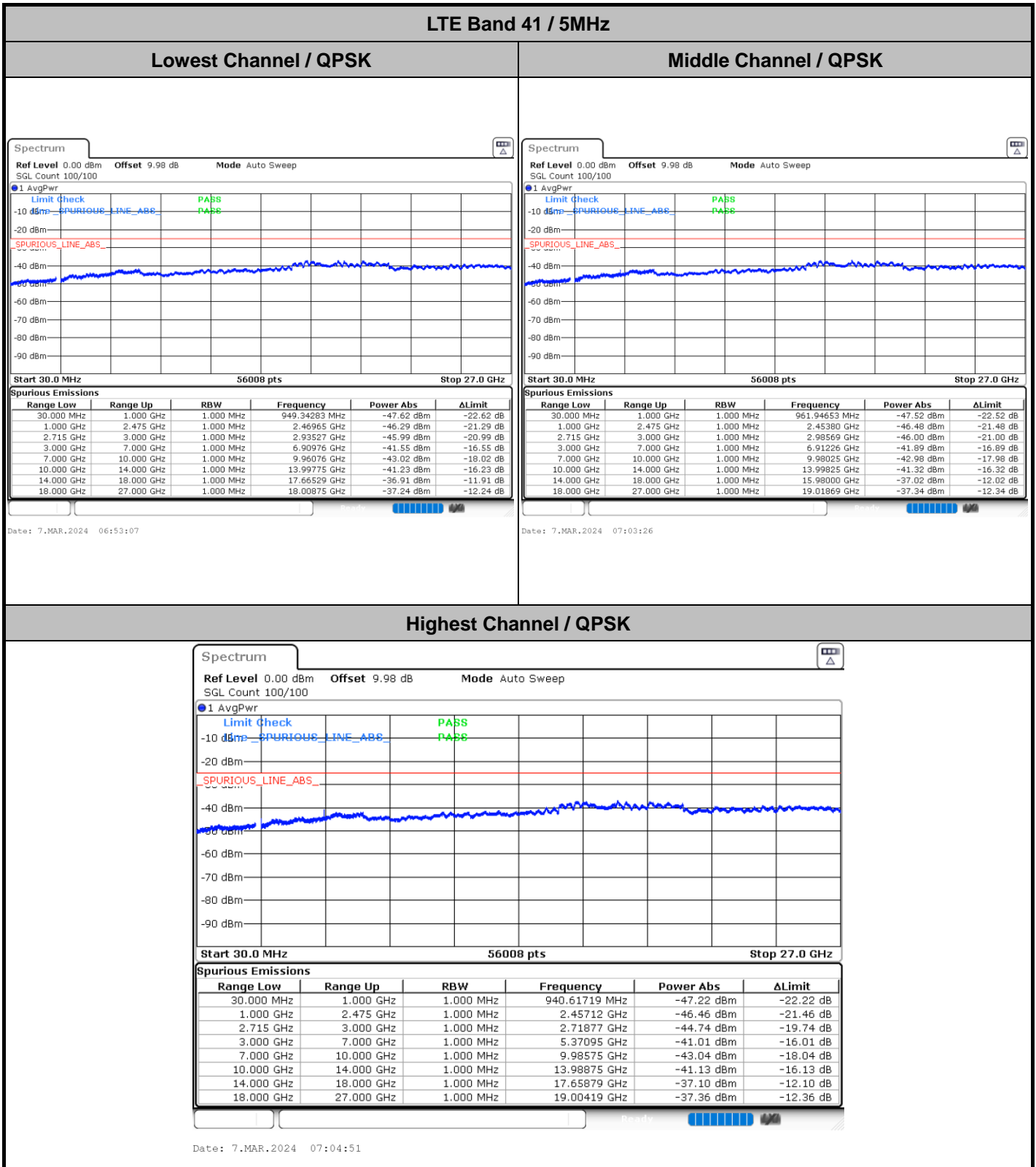


Date: 7.MAR.2024 08:24:54





# Conducted Spurious Emission

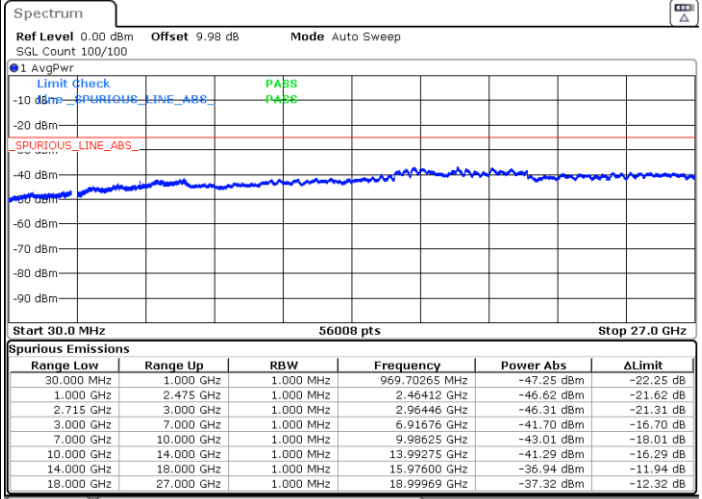
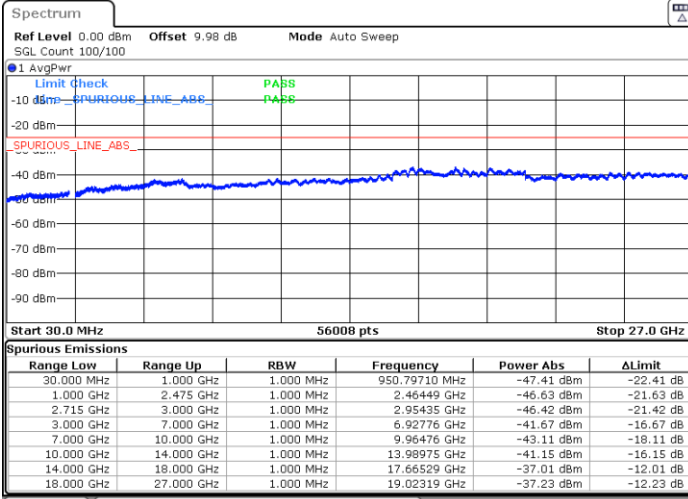




LTE Band 41 / 10MHz

Lowest Channel / QPSK

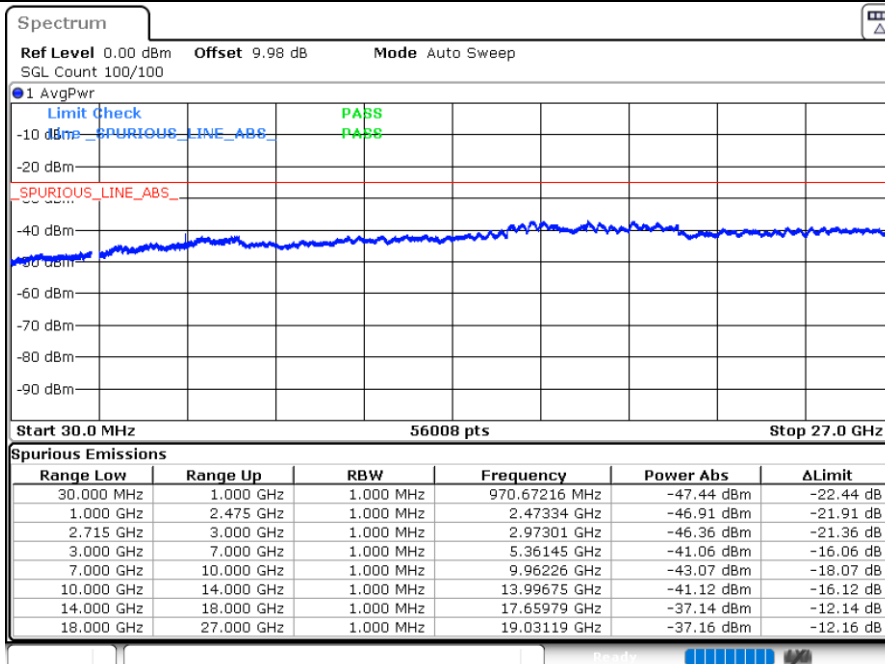
Middle Channel / QPSK



Date: 7.MAR.2024 07:16:07

Date: 7.MAR.2024 07:27:36

Highest Channel / QPSK



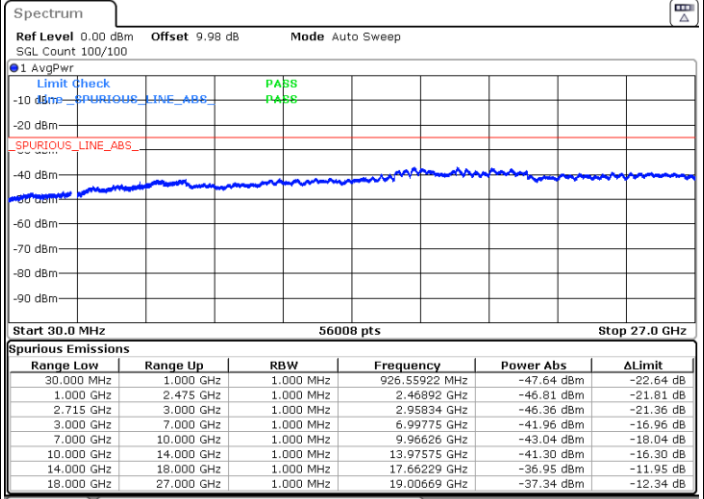
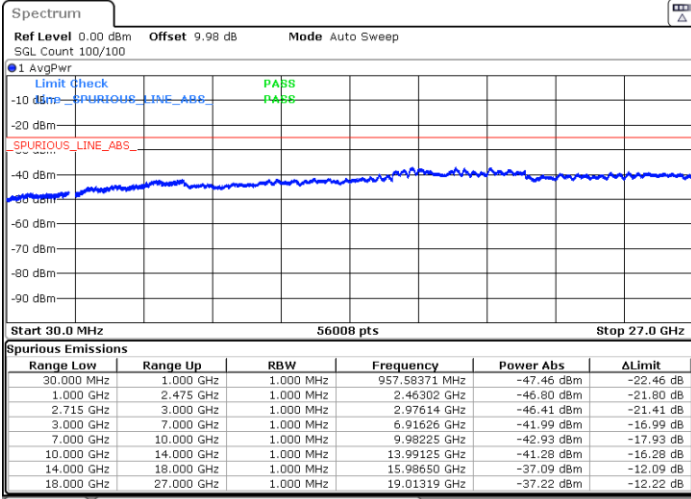
Date: 7.MAR.2024 07:29:01



LTE Band 41 / 15MHz

Lowest Channel / QPSK

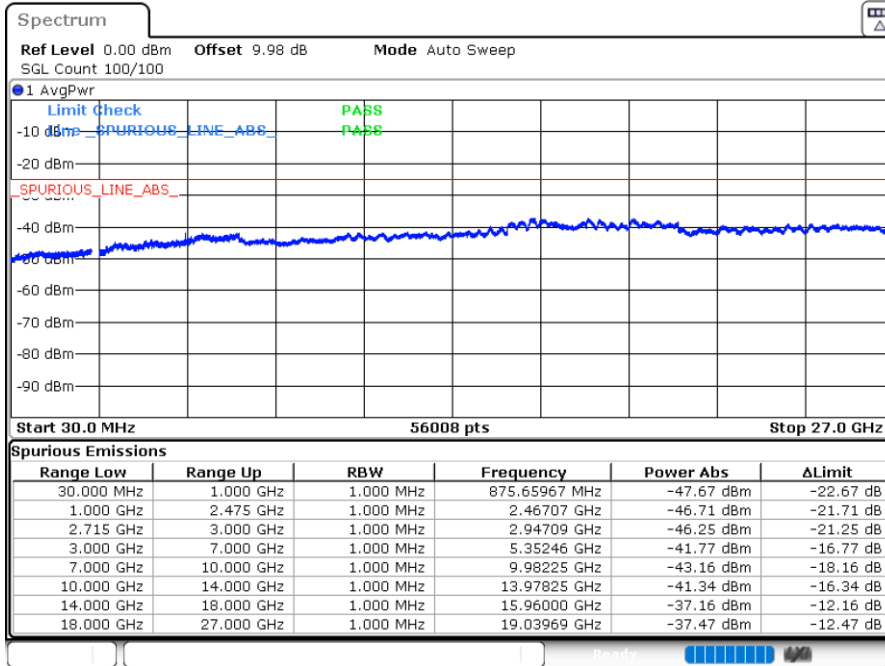
Middle Channel / QPSK



Date: 7.MAR.2024 07:40:20

Date: 7.MAR.2024 07:50:39

Highest Channel / QPSK



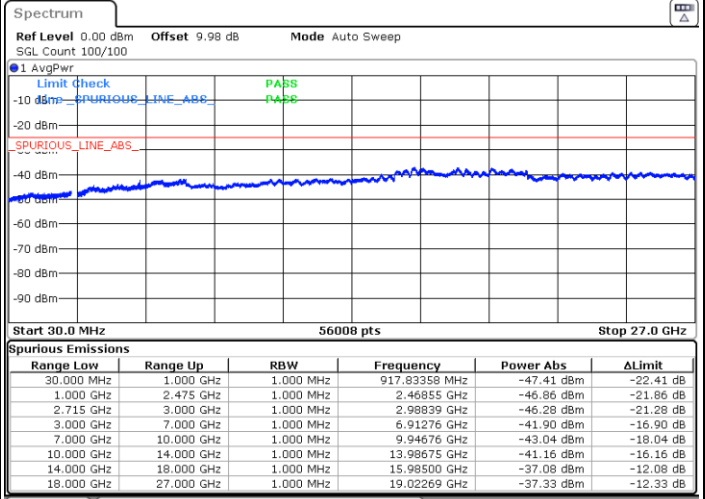
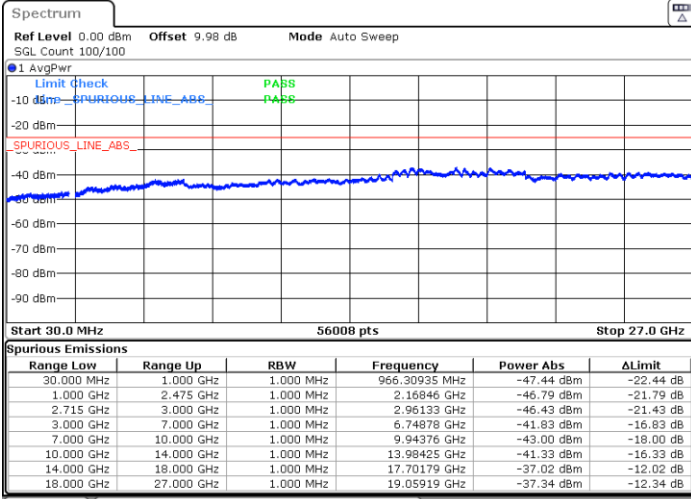
Date: 7.MAR.2024 07:52:04



LTE Band 41 / 20MHz

Lowest Channel / QPSK

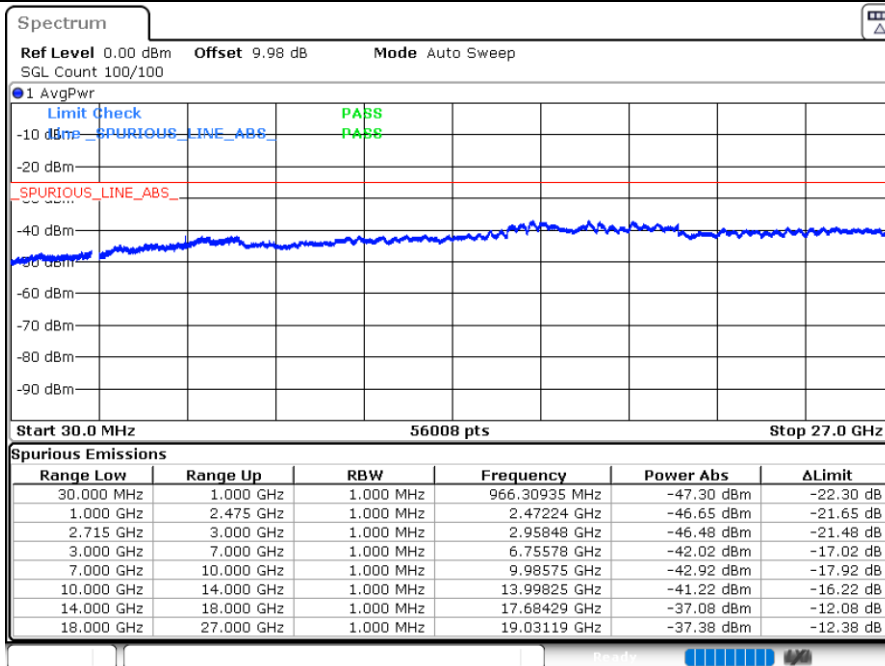
Middle Channel / QPSK



Date: 7.MAR.2024 08:03:20

Date: 7.MAR.2024 08:14:21

Highest Channel / QPSK



Date: 7.MAR.2024 08:15:46



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	PAS S
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:

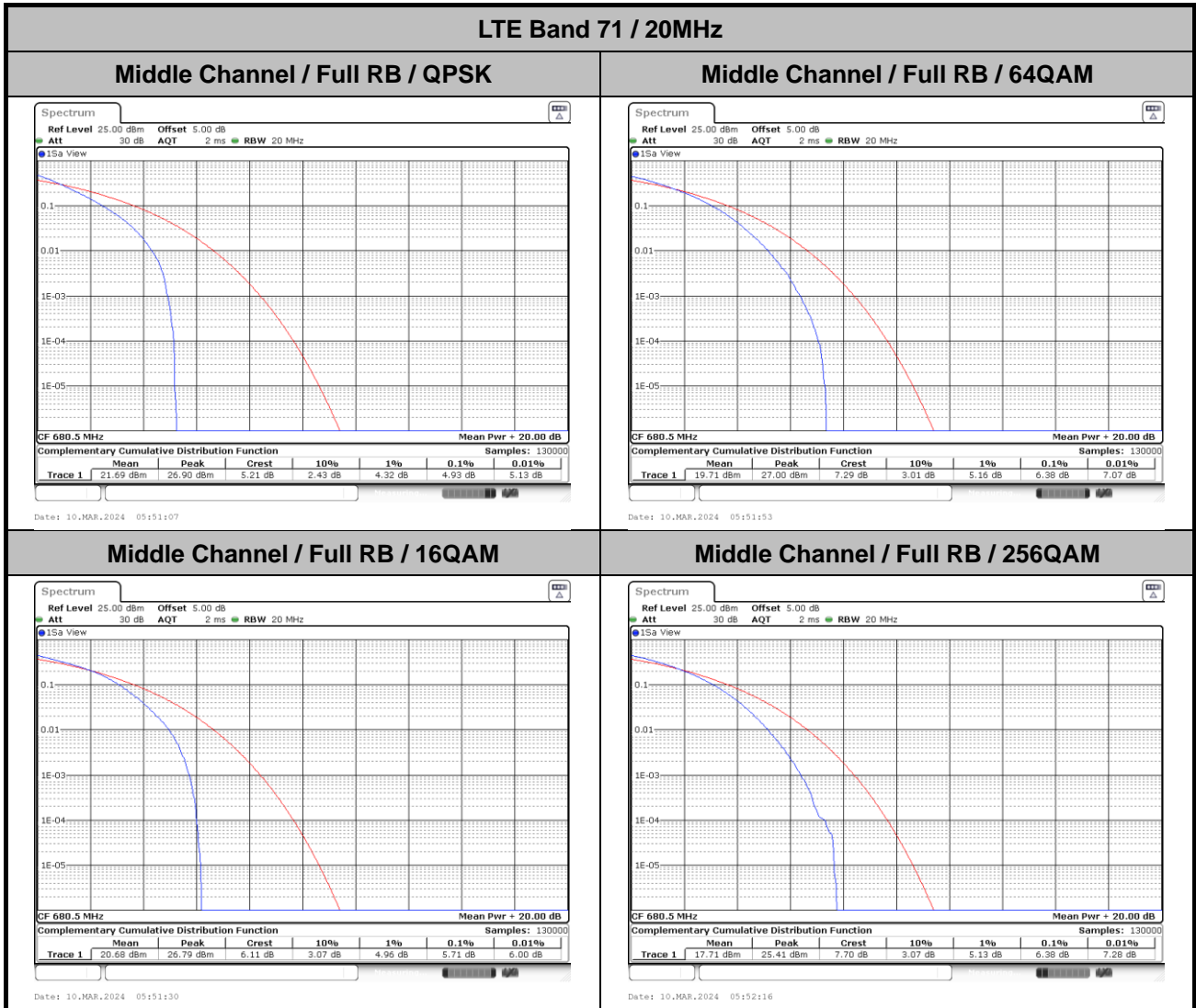
1. Normal Voltage =3.88 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 71

## Peak-to-Average Ratio

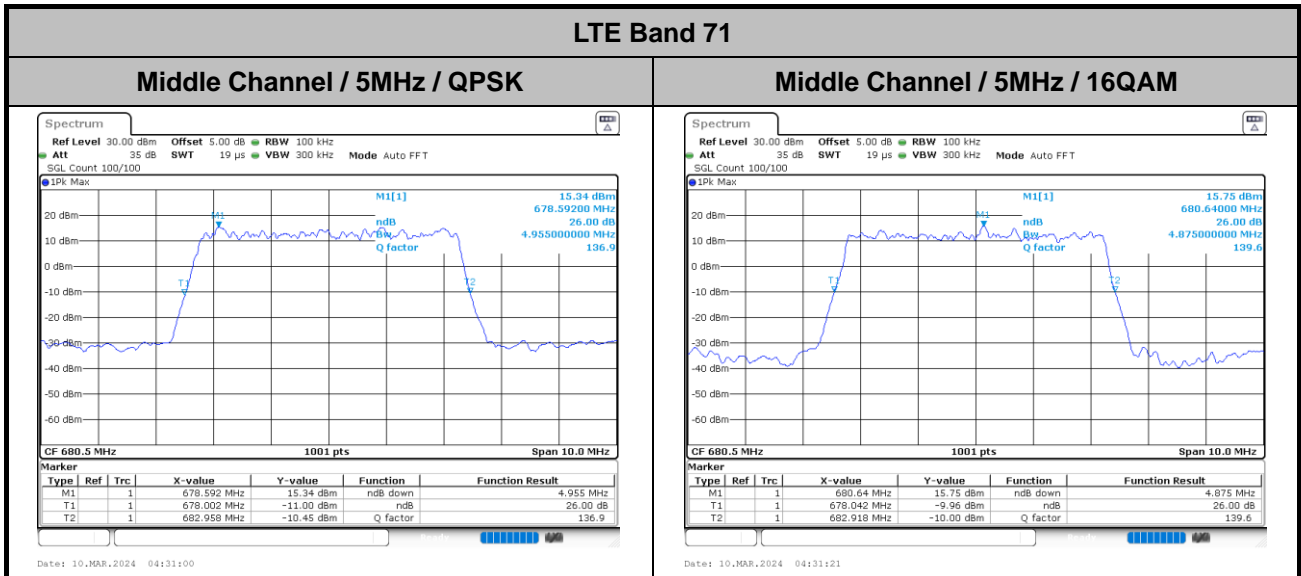
Mode	LTE Band 71 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.93	5.71	6.38	6.38	PASS





**26dB Bandwidth**

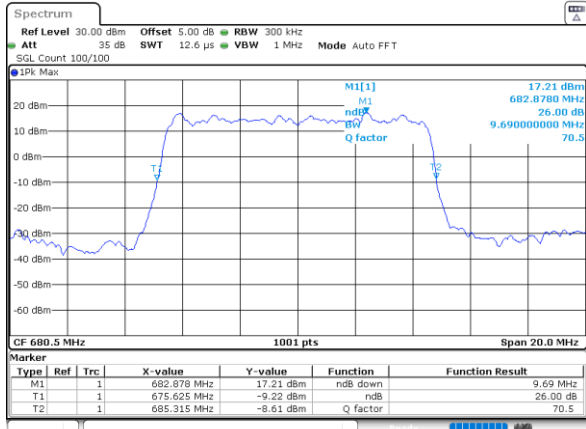
Mode	LTE Band 71 : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.96	4.88
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.69	9.73
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.24	14.48
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.94	18.86





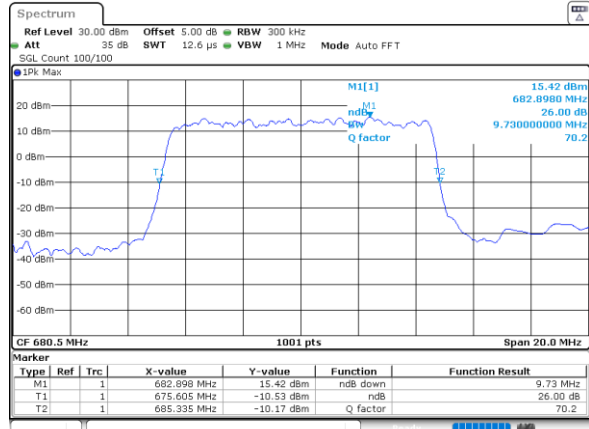
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 10\_MAR\_2024 04:58:34

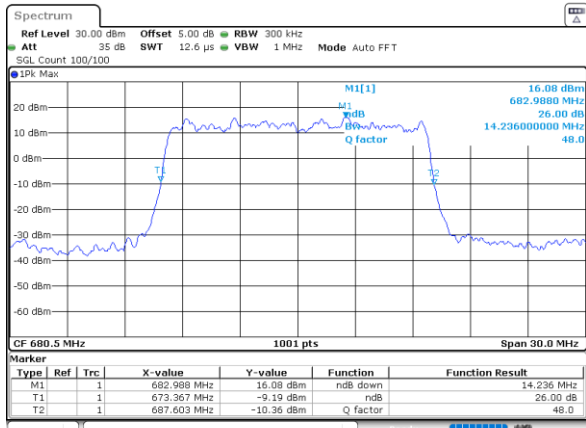
Middle Channel / 10MHz / 16QAM



Date: 10\_MAR\_2024 04:58:55

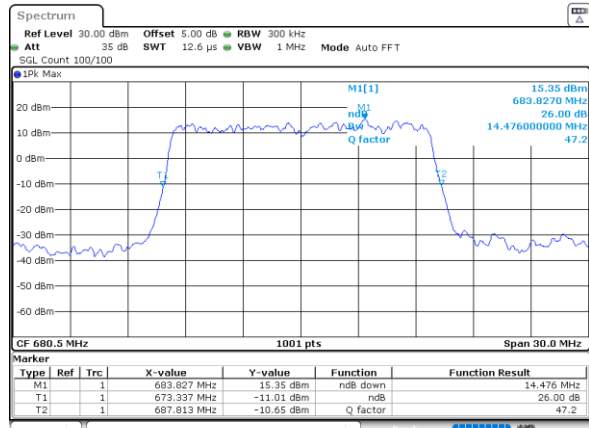
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 10\_MAR\_2024 05:18:55

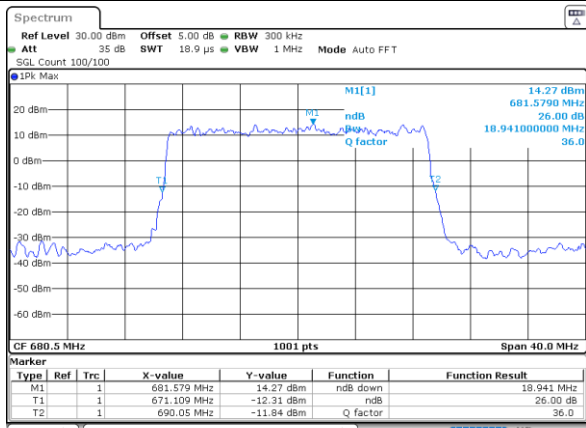
Middle Channel / 15MHz / 16QAM



Date: 10\_MAR\_2024 05:19:16

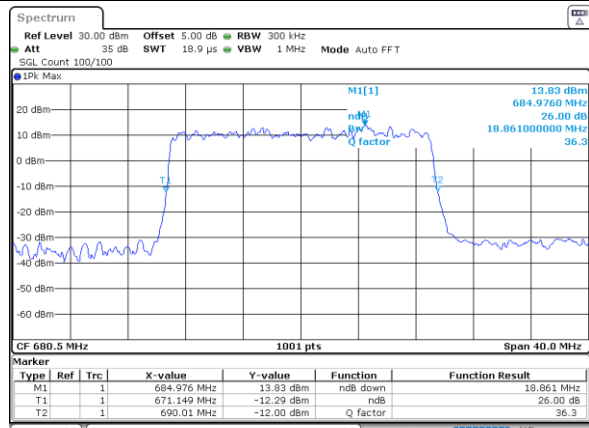
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 10\_MAR\_2024 05:41:33

Middle Channel / 20MHz / 16QAM



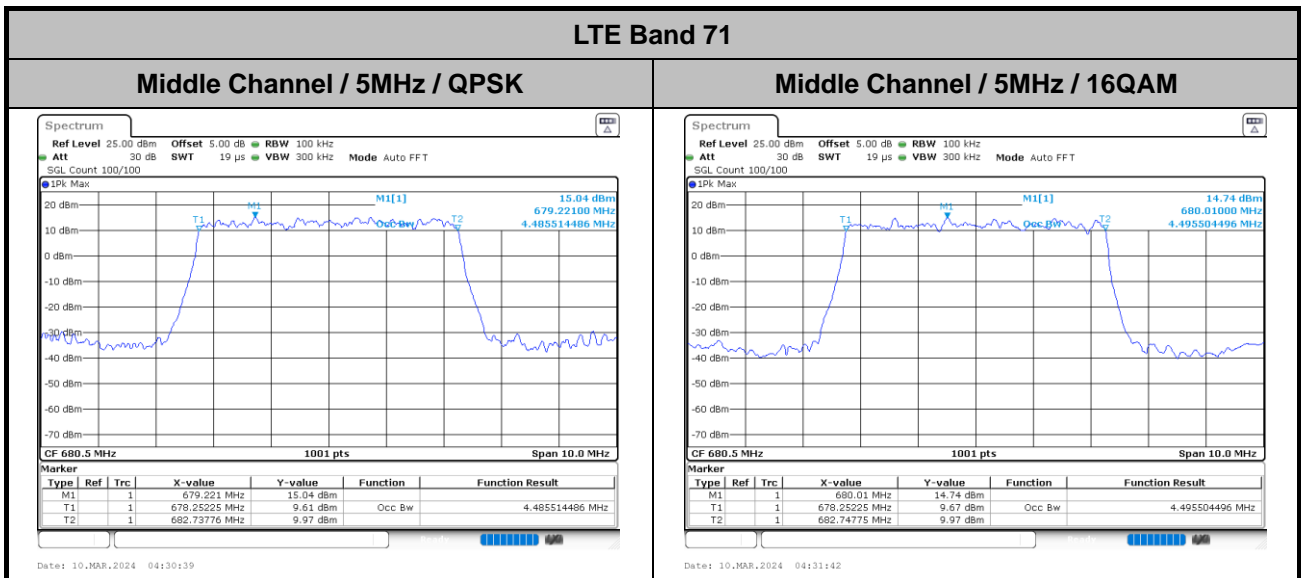
Date: 10\_MAR\_2024 05:41:52





# Occupied Bandwidth

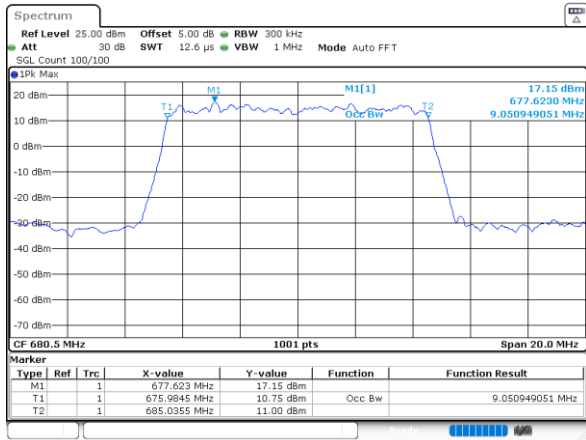
Mode	LTE Band 71 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.49	4.50
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.05	9.03
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.43	13.43
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.94	17.90





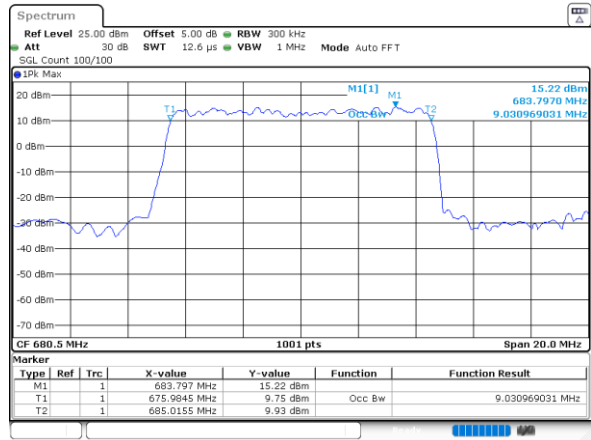
LTE Band 71

Middle Channel / 10MHz / QPSK



Date: 10\_MAR\_2024 04:58:13

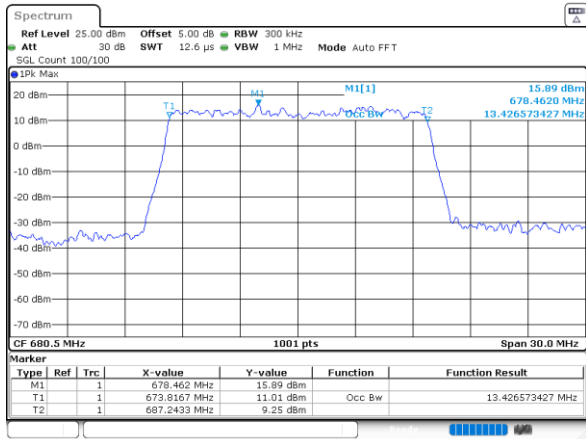
Middle Channel / 10MHz / 16QAM



Date: 10\_MAR\_2024 04:59:16

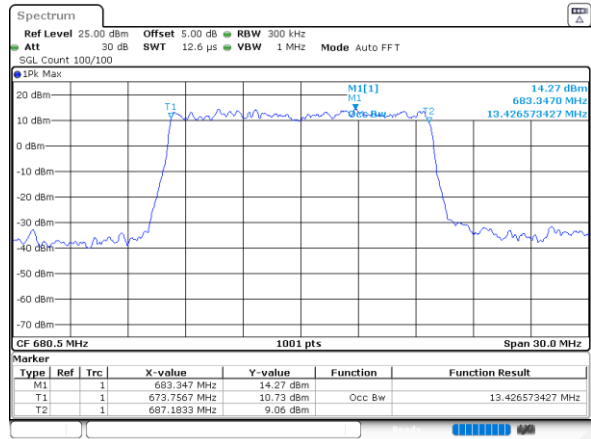
LTE Band 71

Middle Channel / 15MHz / QPSK



Date: 10\_MAR\_2024 05:18:34

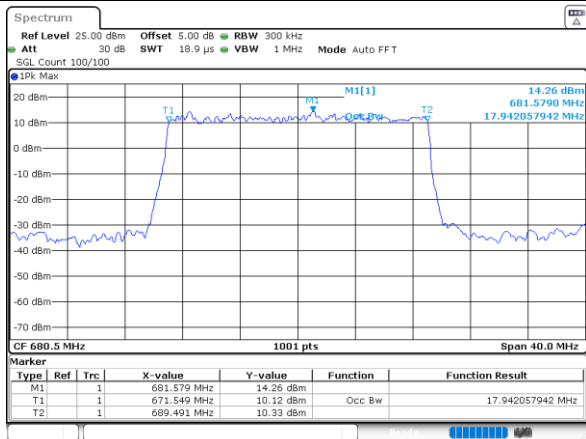
Middle Channel / 15MHz / 16QAM



Date: 10\_MAR\_2024 05:19:37

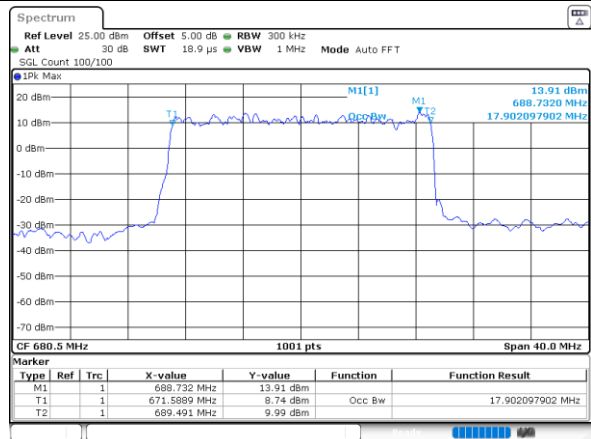
LTE Band 71

Middle Channel / 20MHz / QPSK



Date: 10\_MAR\_2024 05:41:10

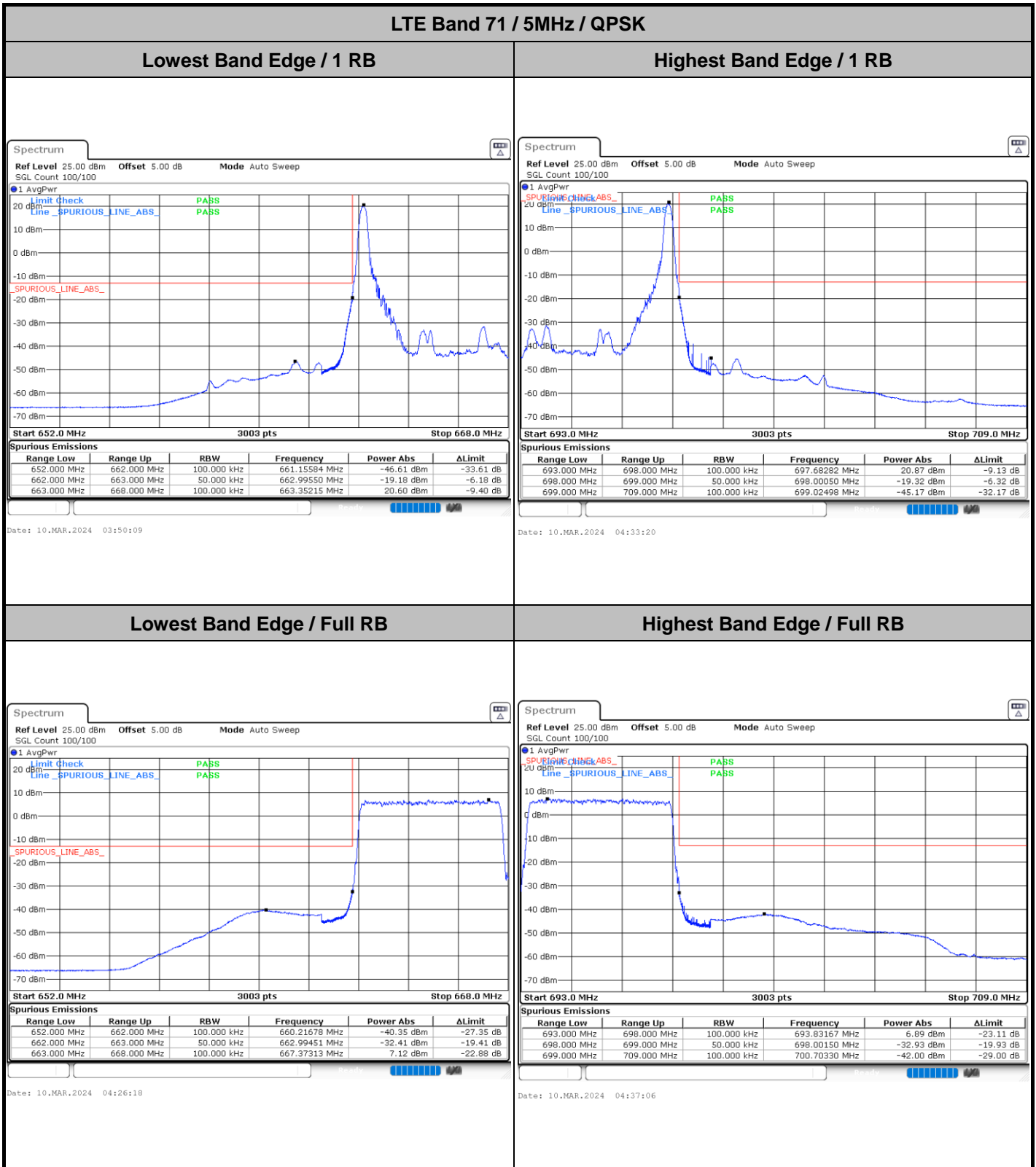
Middle Channel / 20MHz / 16QAM



Date: 10\_MAR\_2024 05:42:13



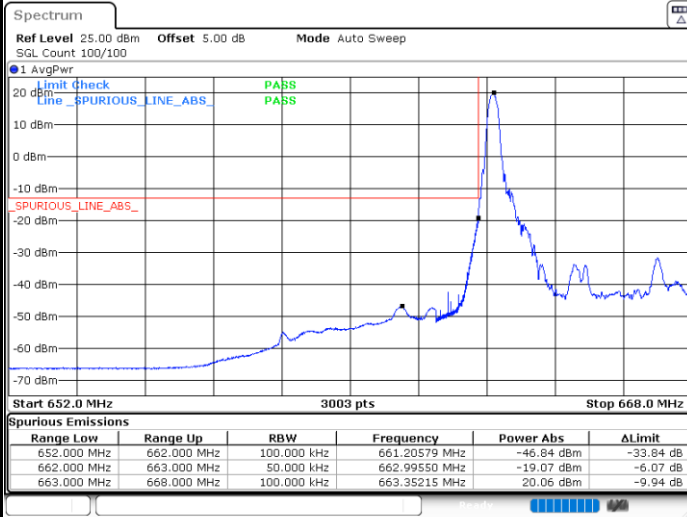
# Conducted Band Edge





LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



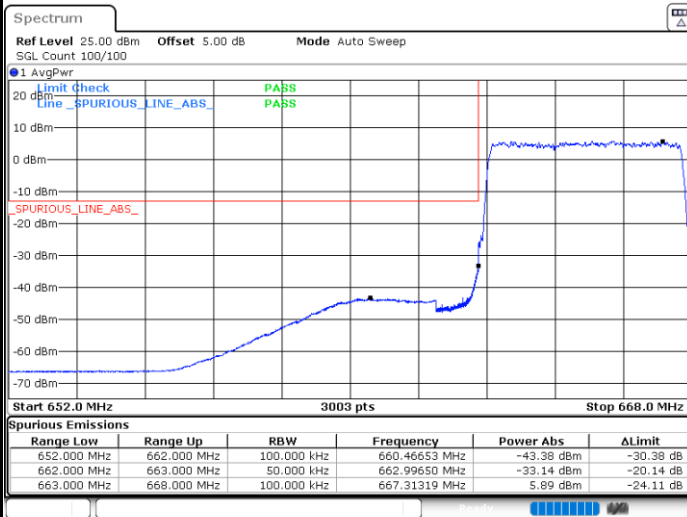
Date: 10.MAR.2024 03:51:19

Highest Band Edge / 1 RB



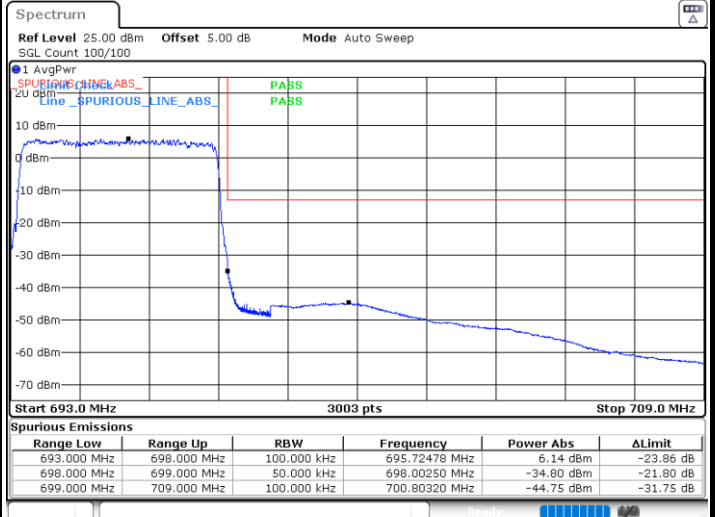
Date: 10.MAR.2024 04:34:19

Lowest Band Edge / Full RB



Date: 10.MAR.2024 04:27:14

Highest Band Edge / Full RB

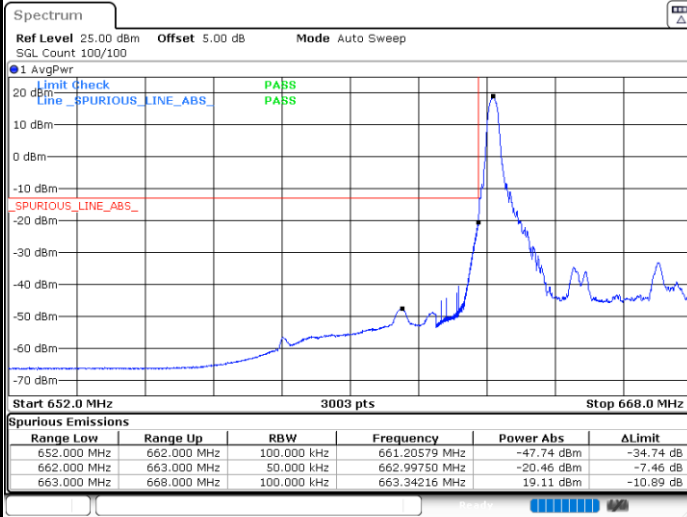


Date: 10.MAR.2024 04:38:02



LTE Band 71 / 5MHz / 64QAM

Lowest Band Edge / 1RB



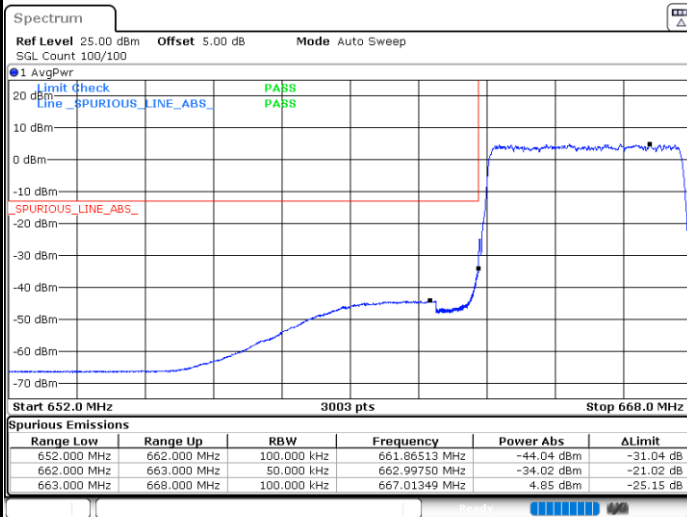
Date: 10.MAR.2024 03:52:15

Highest Band Edge / 1 RB



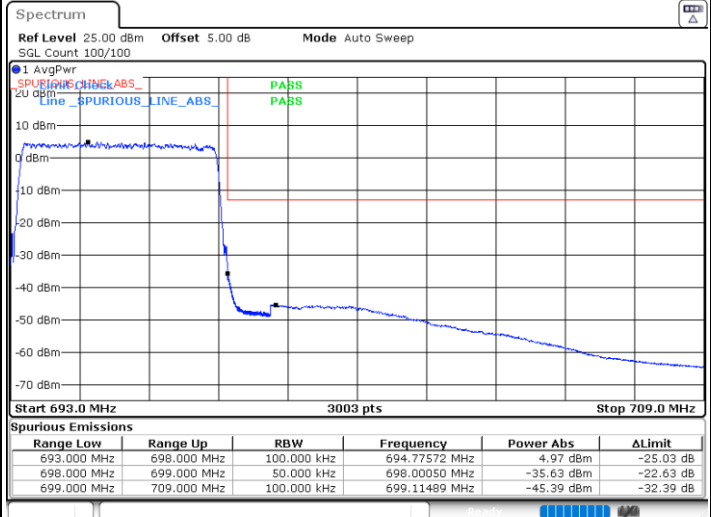
Date: 10.MAR.2024 04:35:15

Lowest Band Edge / Full RB



Date: 10.MAR.2024 04:28:09

Highest Band Edge / Full RB

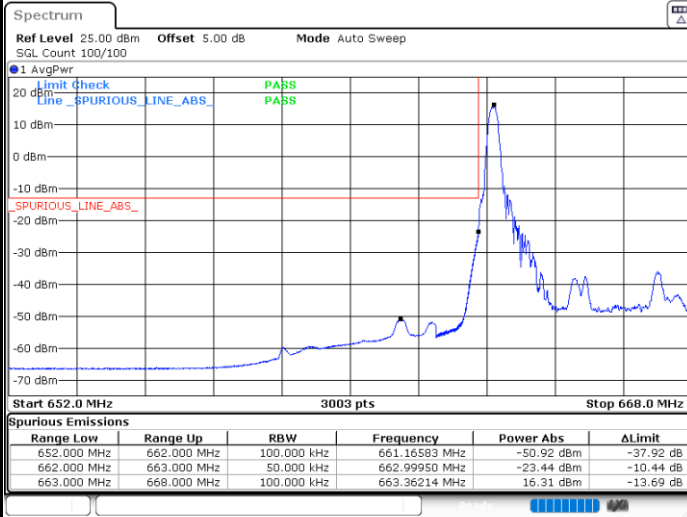


Date: 10.MAR.2024 04:38:58



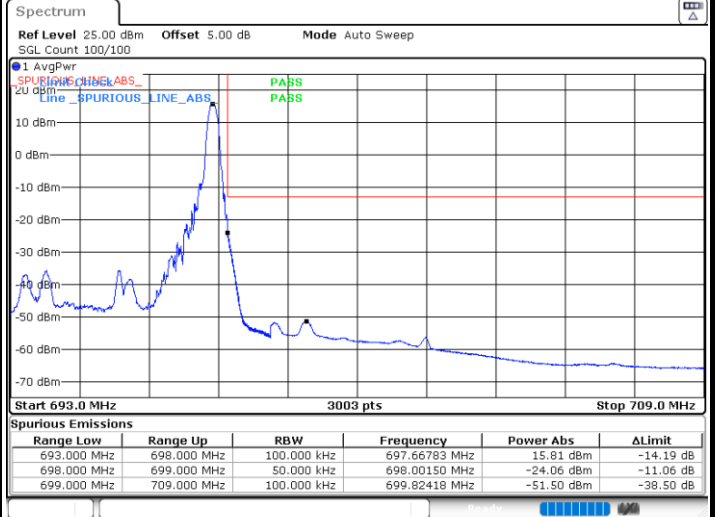
LTE Band 71 / 5MHz / 256QAM

Lowest Band Edge / 1RB



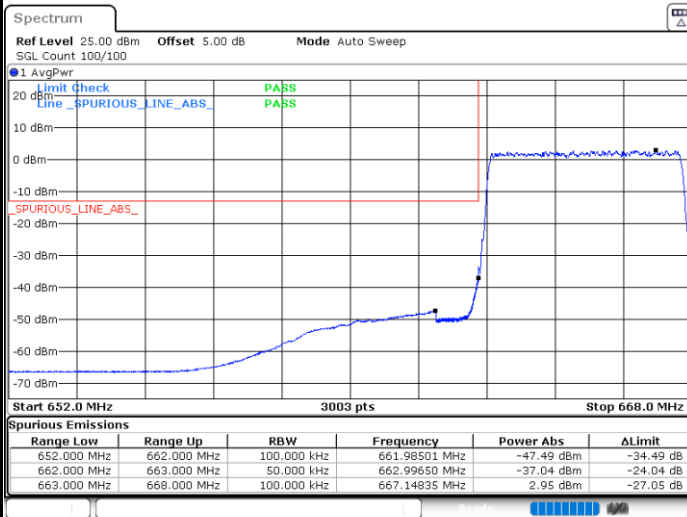
Date: 10.MAR.2024 03:53:11

Highest Band Edge / 1 RB



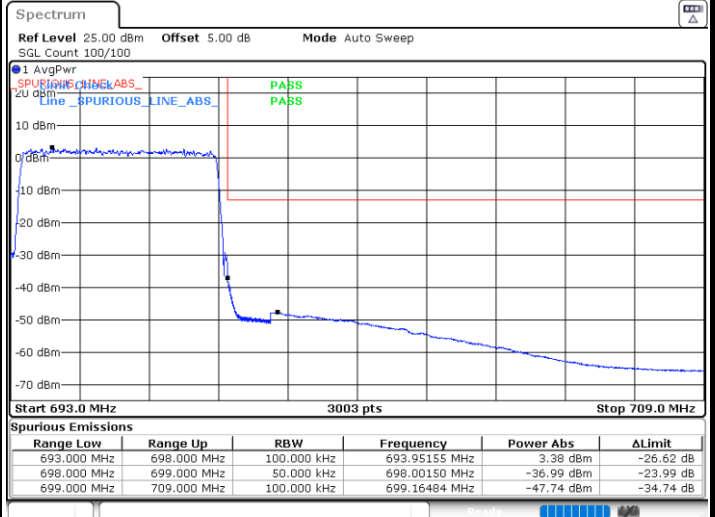
Date: 10.MAR.2024 04:36:10

Lowest Band Edge / Full RB



Date: 10.MAR.2024 04:29:05

Highest Band Edge / Full RB

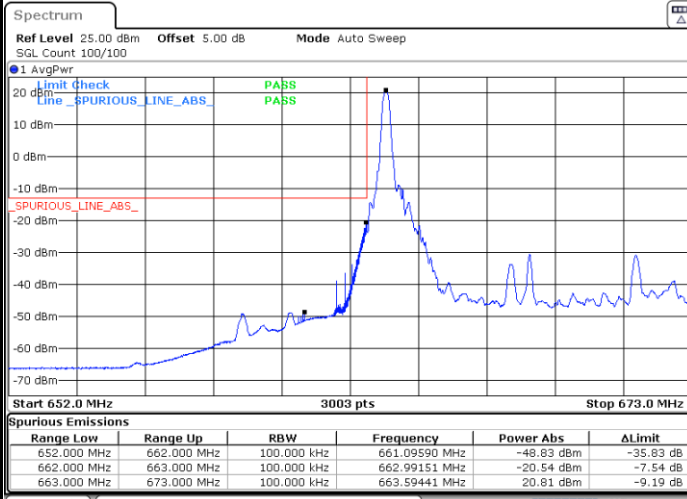


Date: 10.MAR.2024 04:39:53



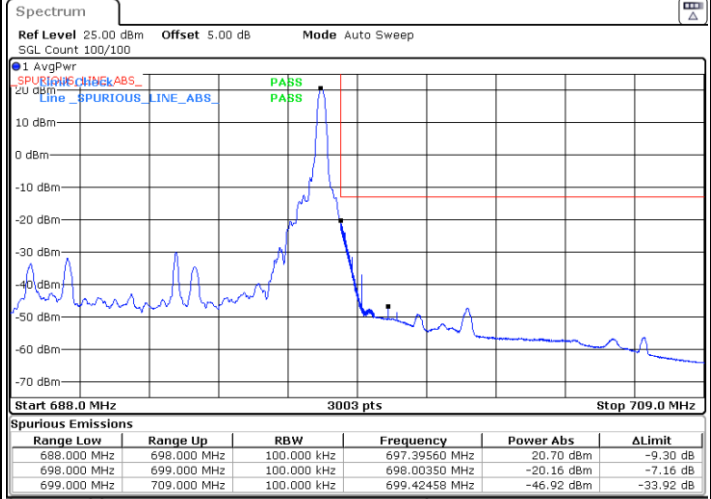
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



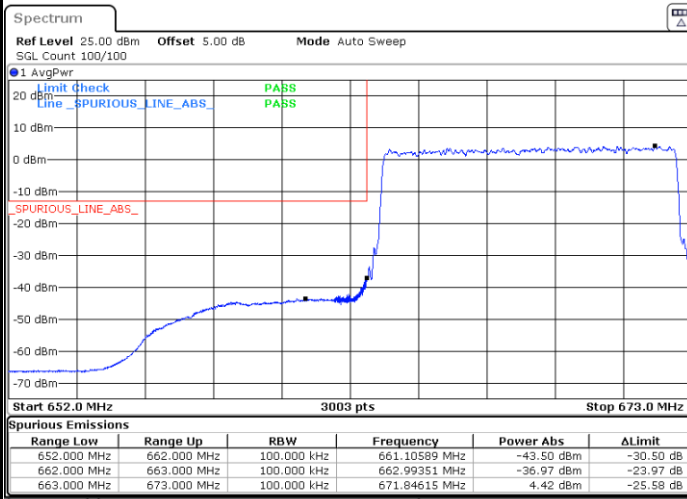
Date: 10.MAR.2024 04:52:37

Highest Band Edge / 1 RB



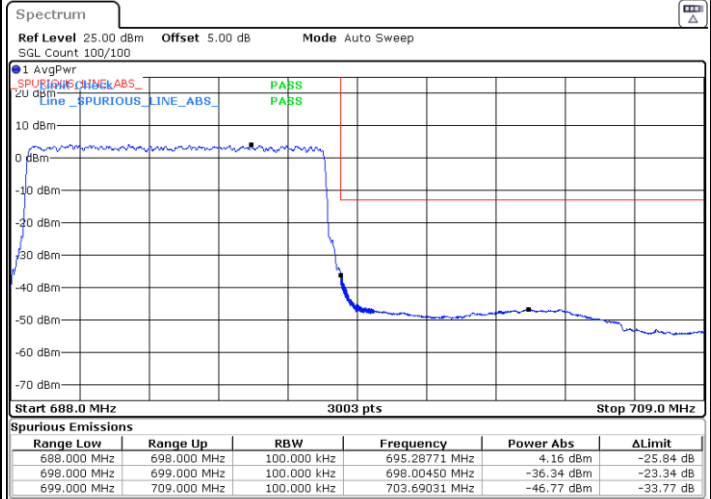
Date: 10.MAR.2024 05:00:54

Lowest Band Edge / Full RB



Date: 10.MAR.2024 04:44:20

Highest Band Edge / Full RB

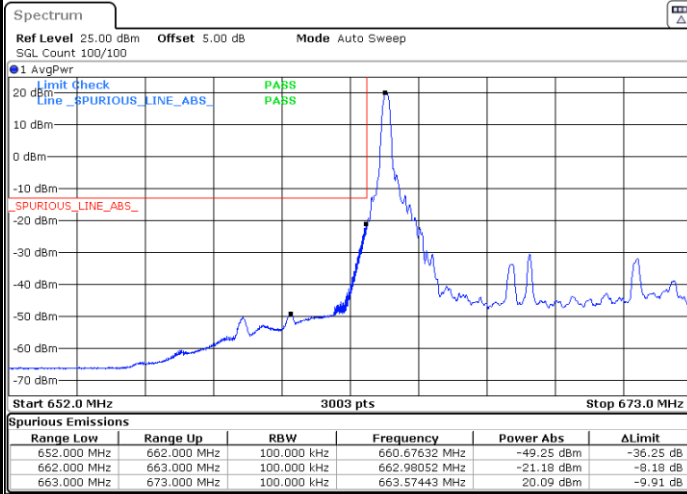


Date: 10.MAR.2024 05:04:41

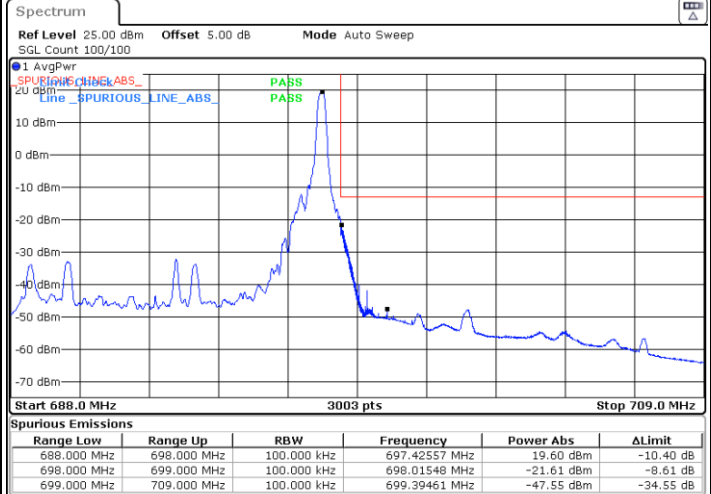


LTE Band 71 / 10MHz / 16QAM

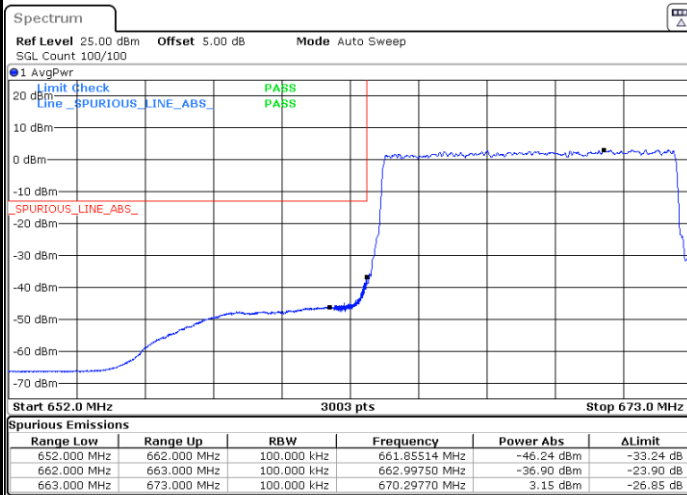
Lowest Band Edge / 1 RB



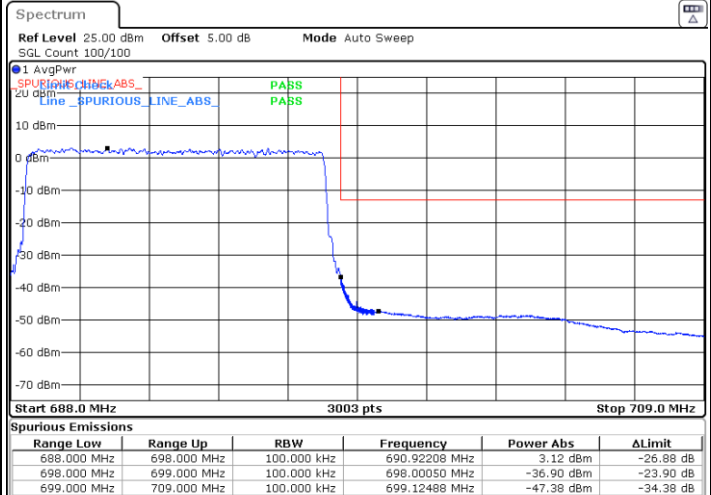
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

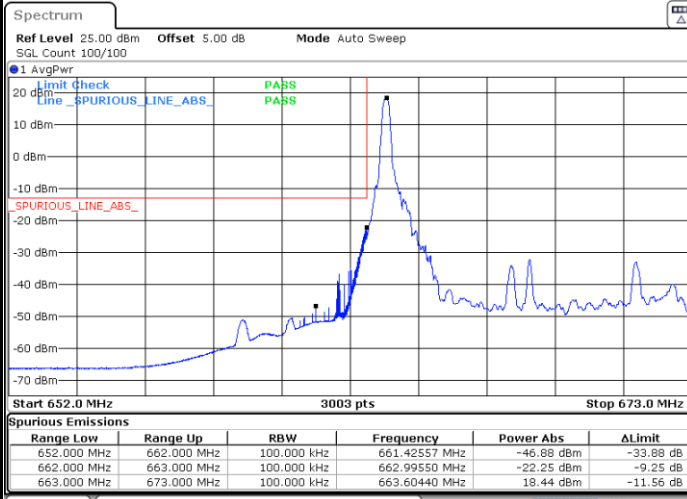






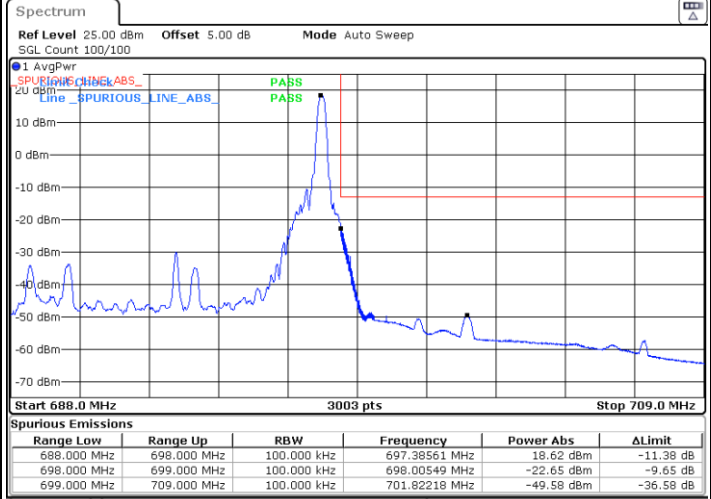
LTE Band 71 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



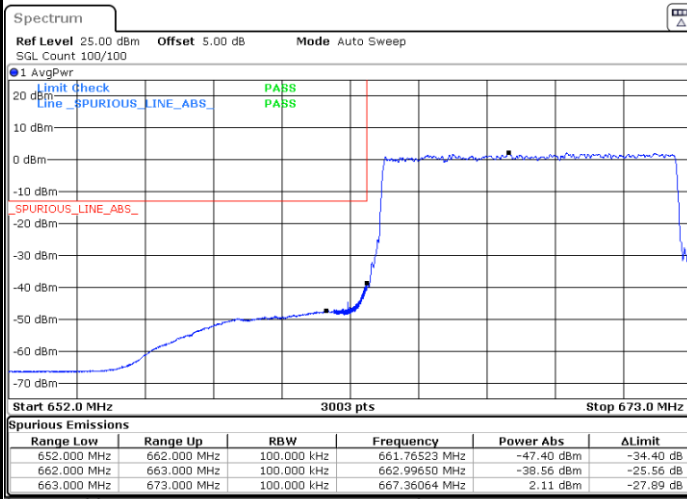
Date: 10.MAR.2024 04:54:31

Highest Band Edge / 1 RB



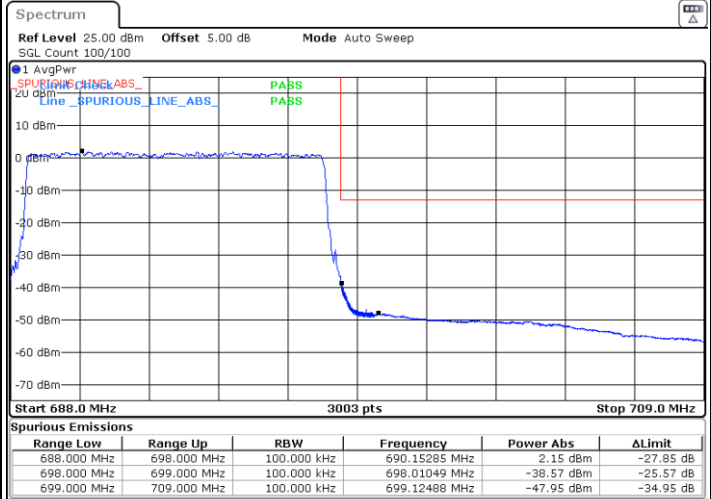
Date: 10.MAR.2024 05:02:50

Lowest Band Edge / Full RB



Date: 10.MAR.2024 04:46:11

Highest Band Edge / Full RB

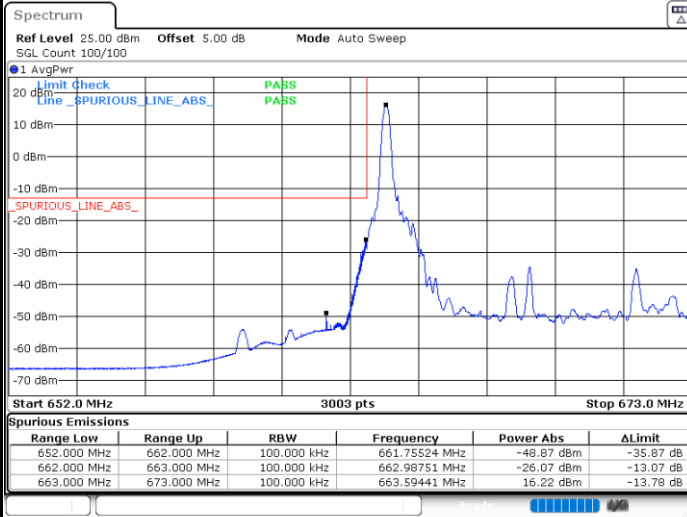


Date: 10.MAR.2024 05:06:33



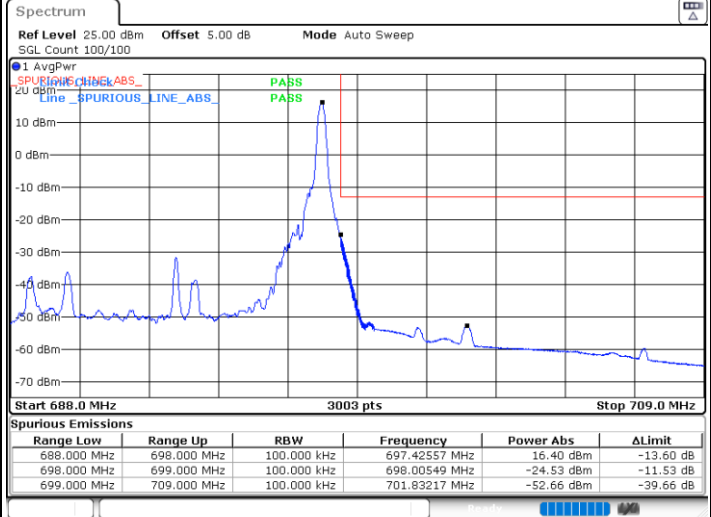
LTE Band 71 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



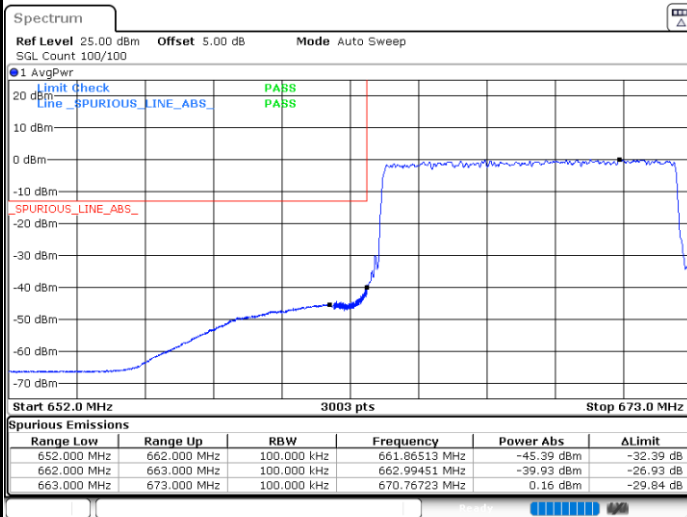
Date: 10.MAR.2024 04:55:26

Highest Band Edge / 1 RB



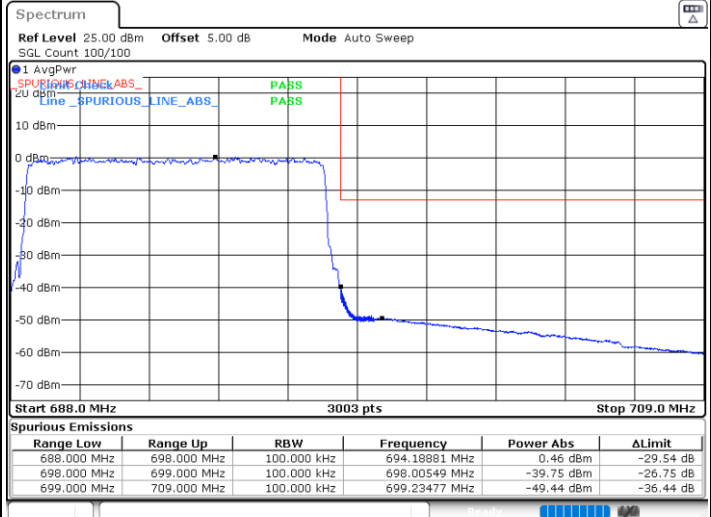
Date: 10.MAR.2024 05:03:45

Lowest Band Edge / Full RB



Date: 10.MAR.2024 04:47:07

Highest Band Edge / Full RB

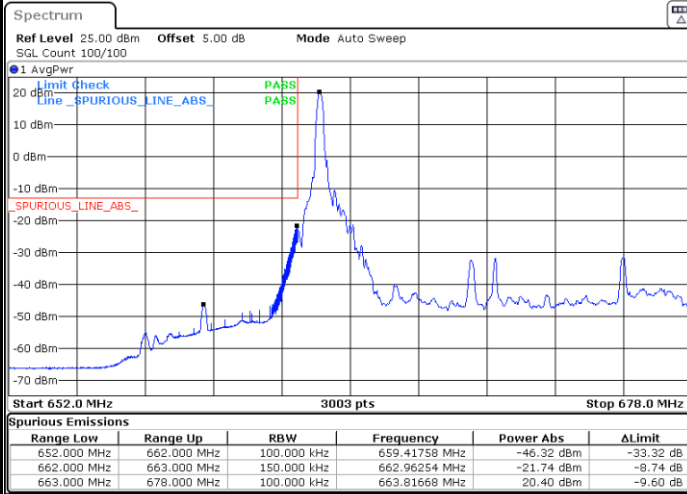


Date: 10.MAR.2024 05:07:29



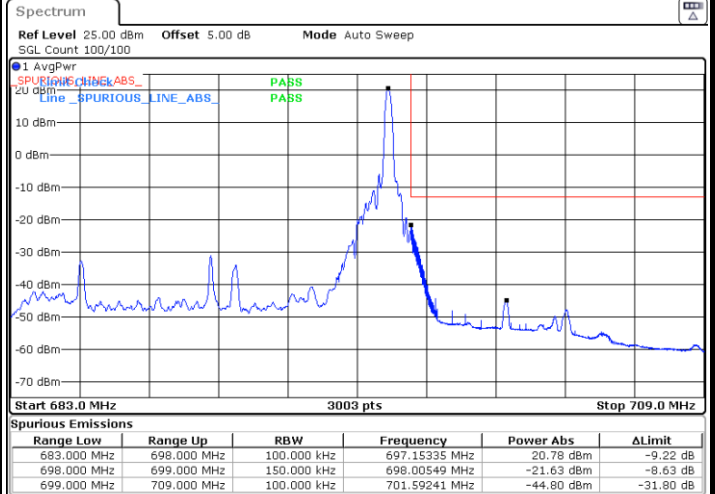
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



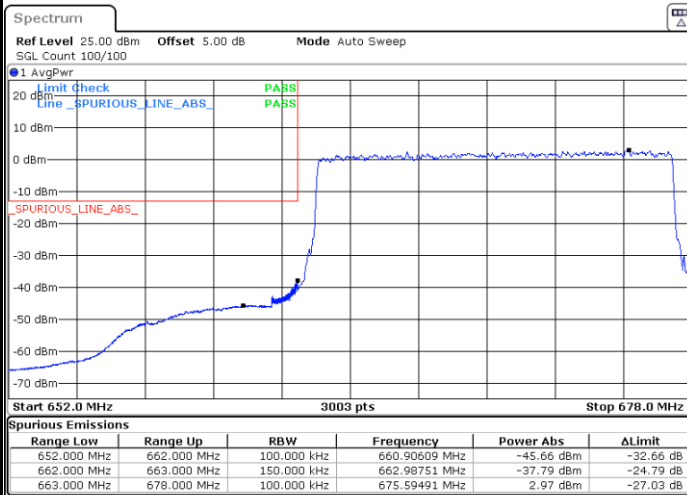
Date: 10.MAR.2024 05:12:58

Highest Band Edge / 1 RB



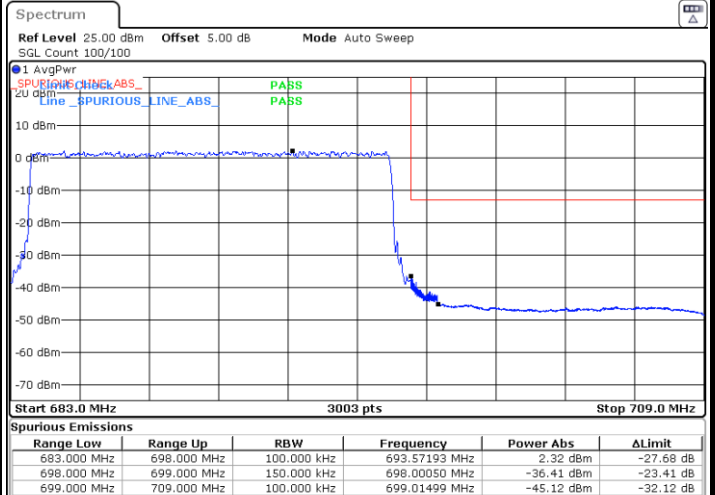
Date: 10.MAR.2024 05:21:15

Lowest Band Edge / Full RB



Date: 10.MAR.2024 05:09:14

Highest Band Edge / Full RB



Date: 10.MAR.2024 05:25:01