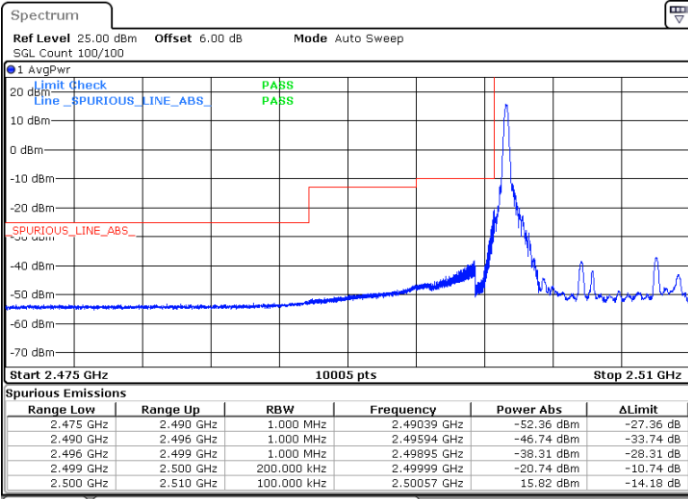




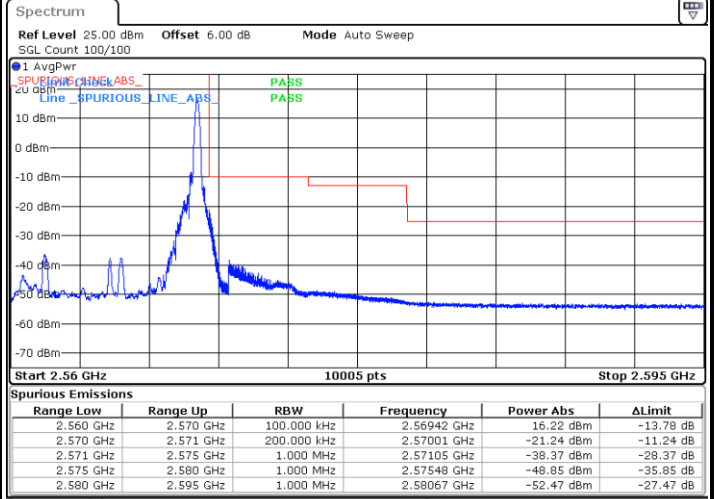
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



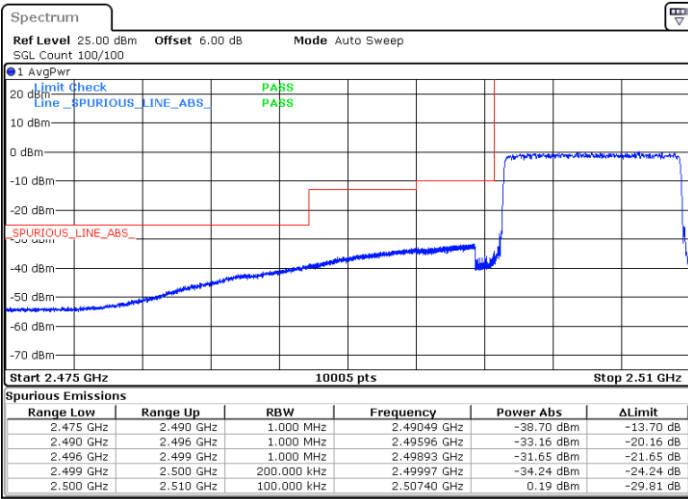
Date: 31.MAY.2024 03:53:39



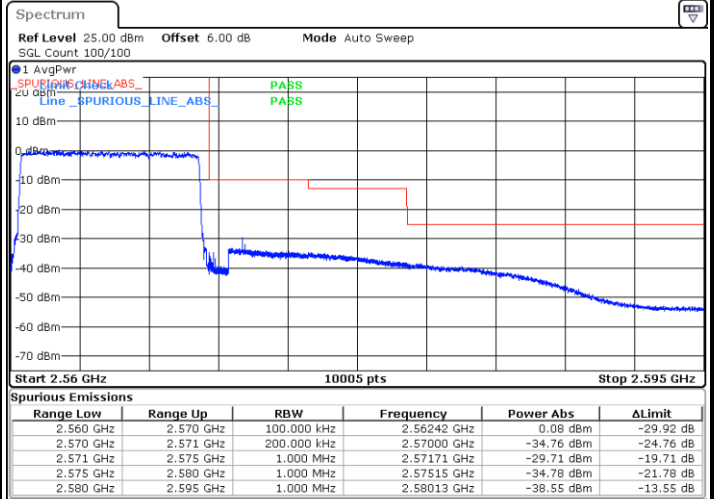
Date: 31.MAY.2024 04:02:23

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 03:55:30



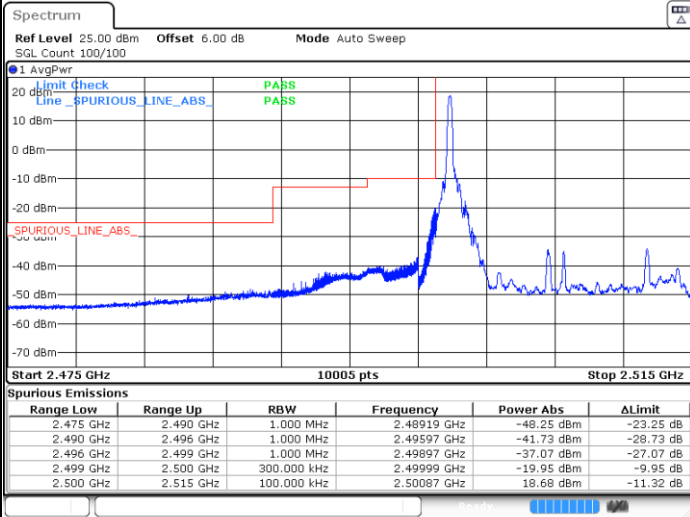
Date: 31.MAY.2024 04:02:46



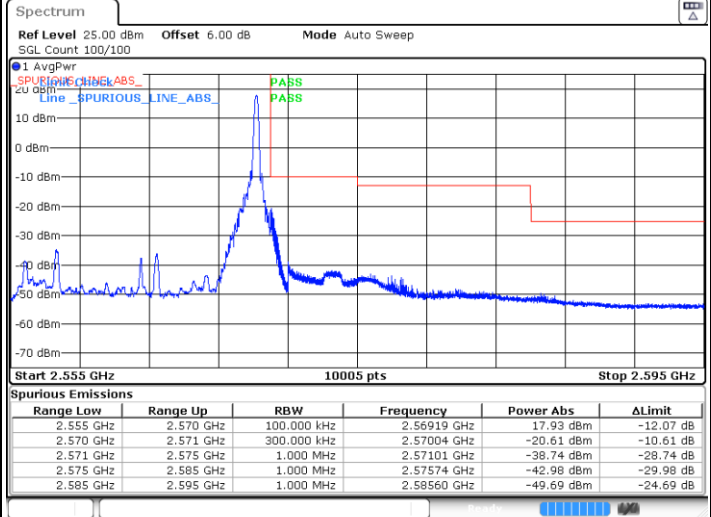
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



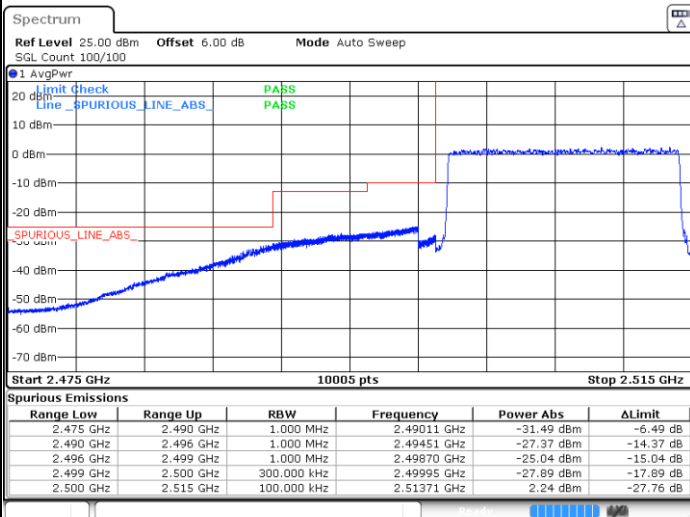
Date: 31.MAY.2024 03:38:55



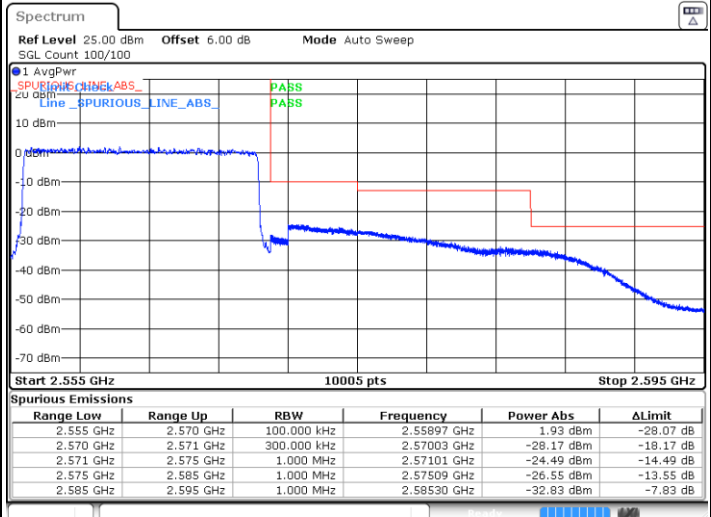
Date: 31.MAY.2024 03:44:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 03:41:16



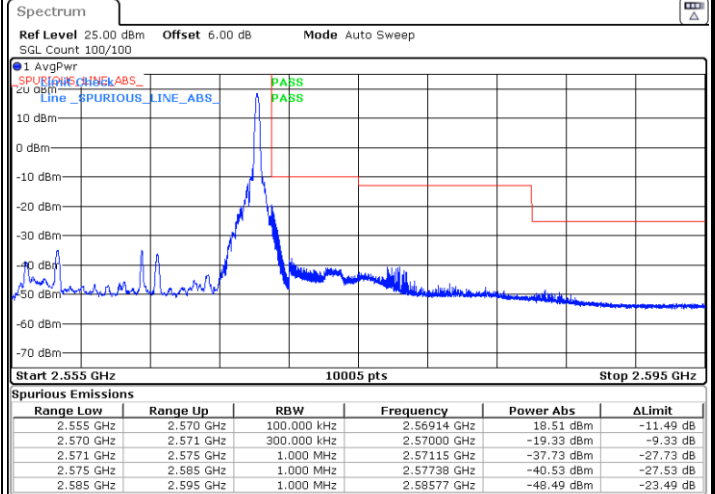
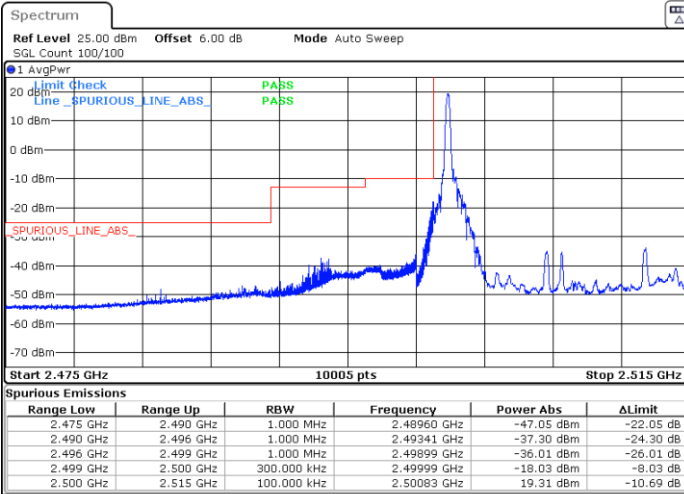
Date: 31.MAY.2024 03:42:38



LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

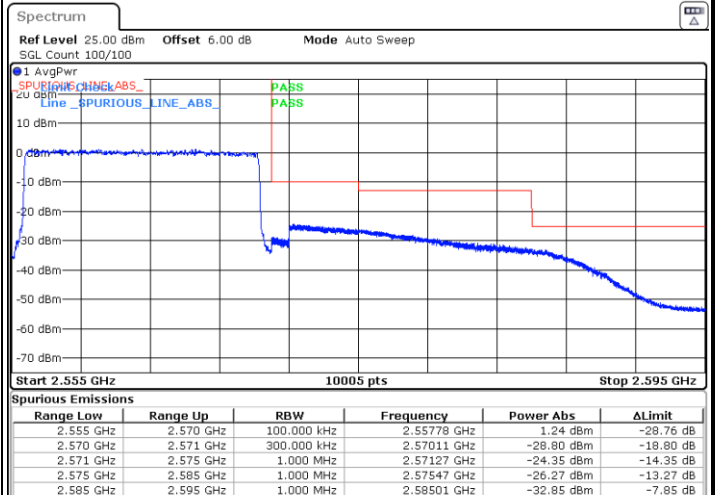
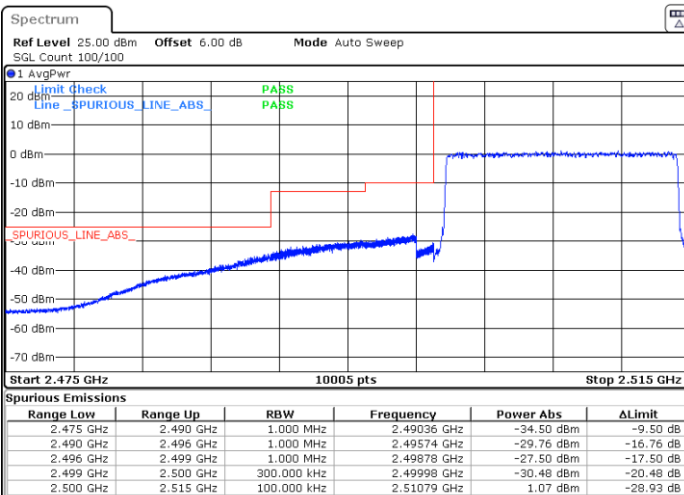


Date: 31.MAY.2024 03:39:13

Date: 31.MAY.2024 03:44:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



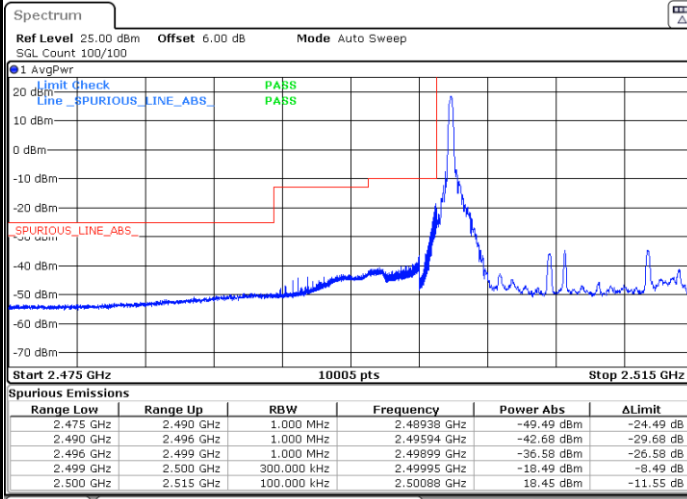
Date: 31.MAY.2024 03:40:52

Date: 31.MAY.2024 03:42:53



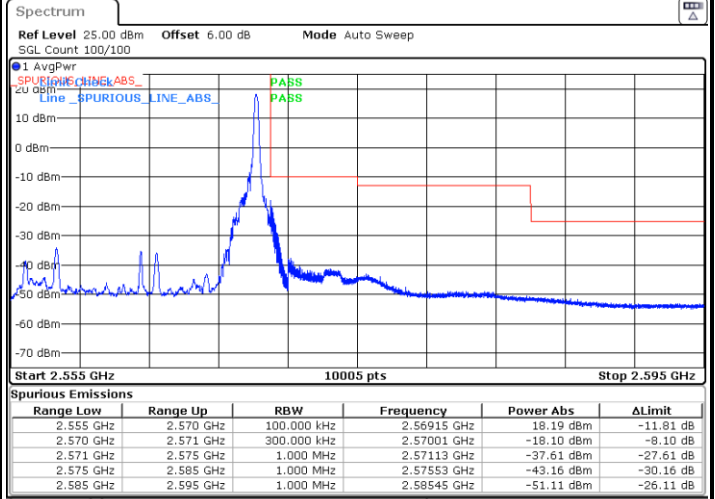
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



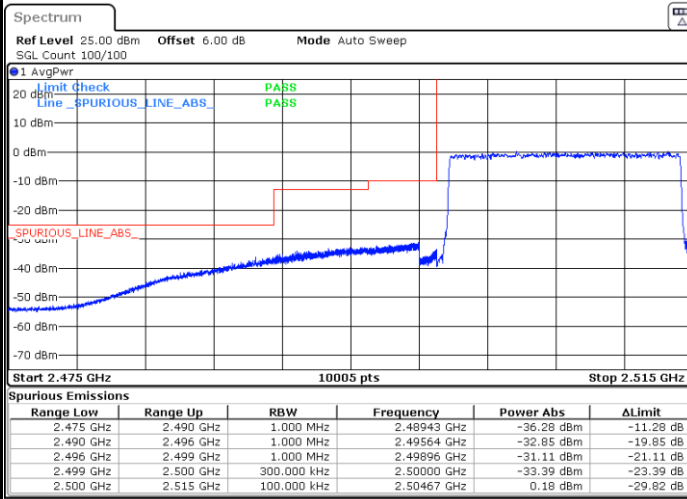
Date: 31.MAY.2024 03:39:28

Highest Band Edge / 1 RB



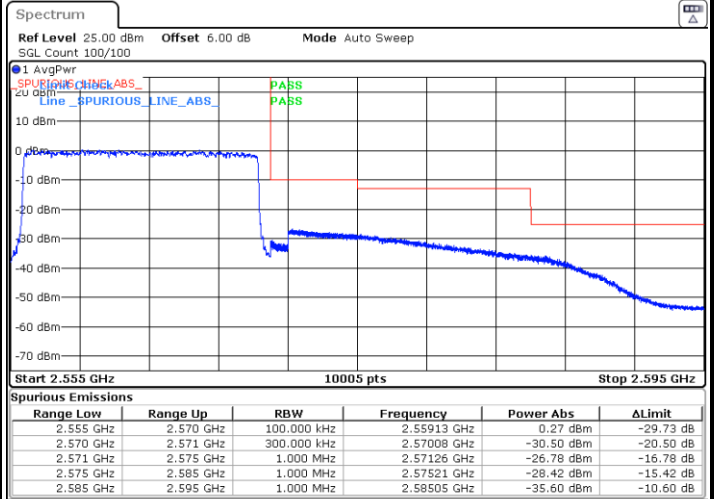
Date: 31.MAY.2024 03:43:58

Lowest Band Edge / Full RB



Date: 31.MAY.2024 03:40:28

Highest Band Edge / Full RB

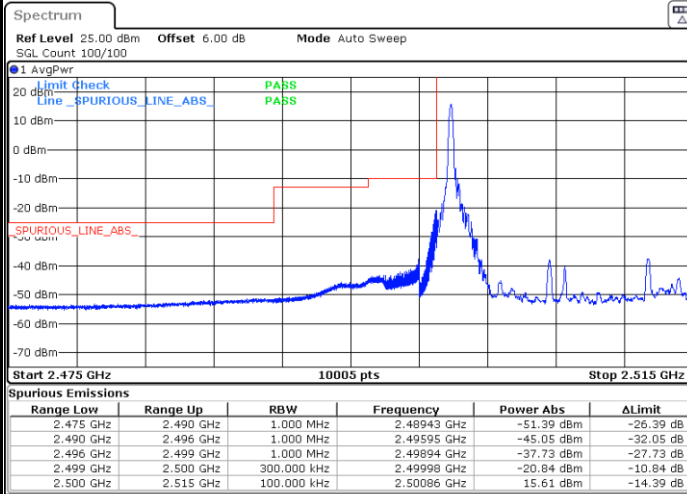


Date: 31.MAY.2024 03:43:08



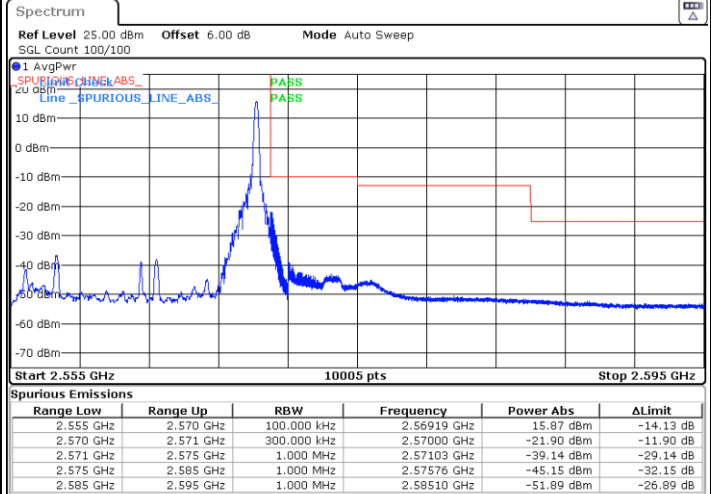
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



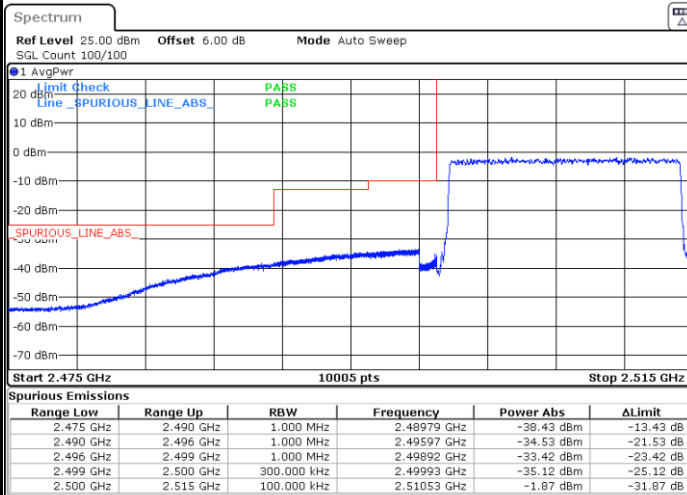
Date: 31.MAY.2024 03:39:43

Highest Band Edge / 1 RB



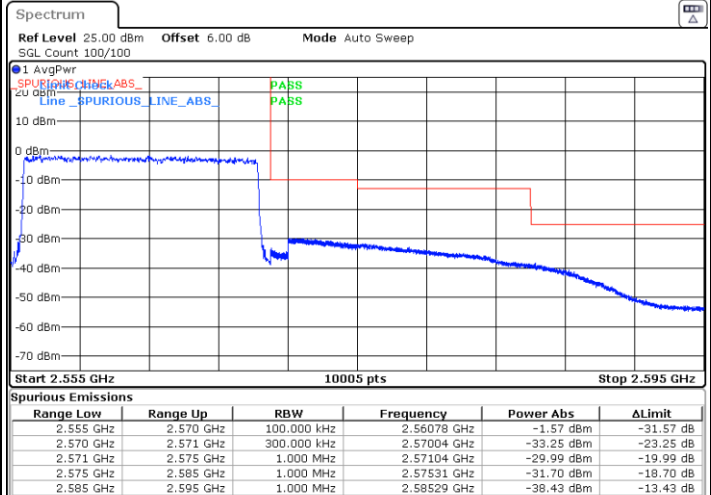
Date: 31.MAY.2024 03:43:43

Lowest Band Edge / Full RB



Date: 31.MAY.2024 03:40:08

Highest Band Edge / Full RB



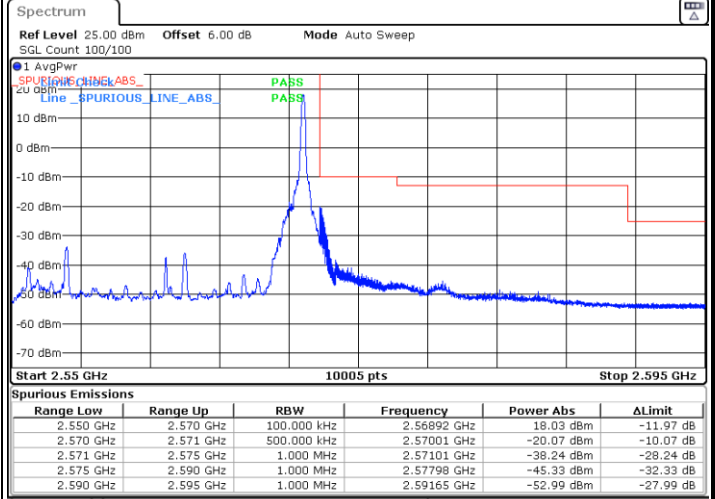
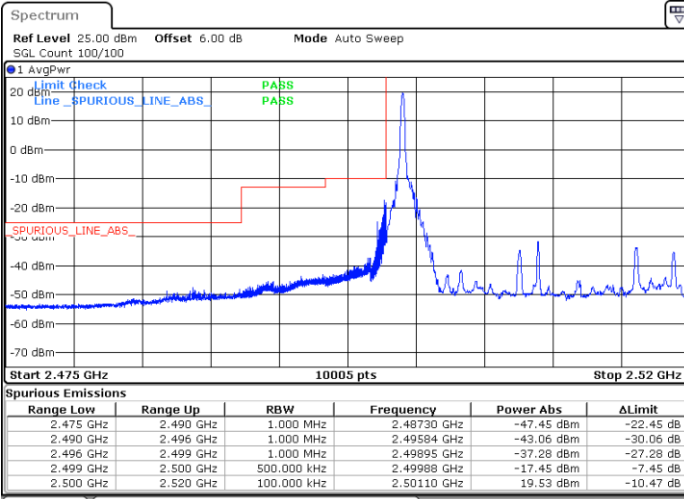
Date: 31.MAY.2024 03:43:22



LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

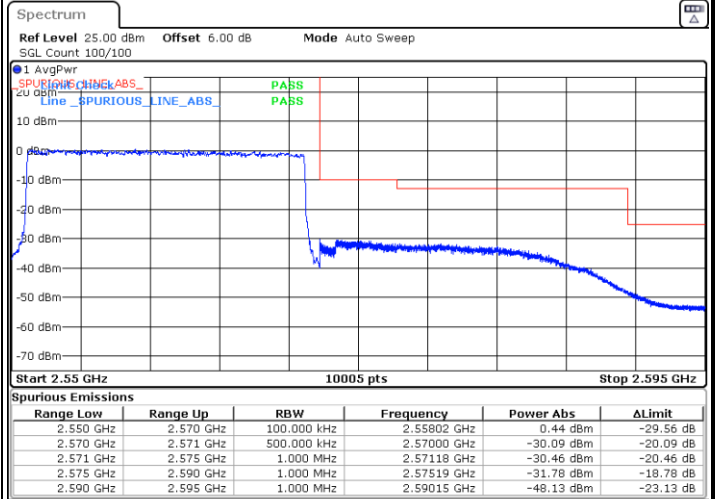
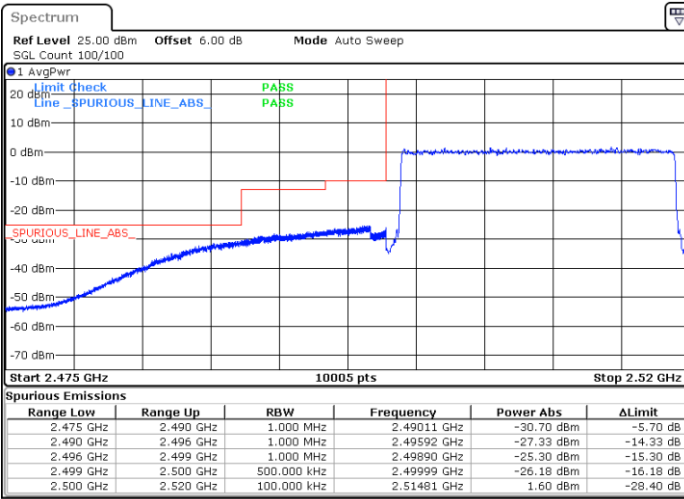


Date: 31.MAY.2024 03:27:07

Date: 31.MAY.2024 03:33:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 03:23:01

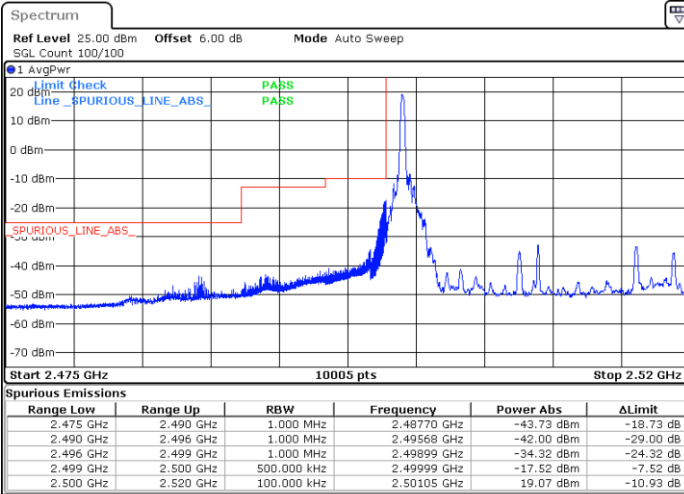
Date: 31.MAY.2024 03:31:03



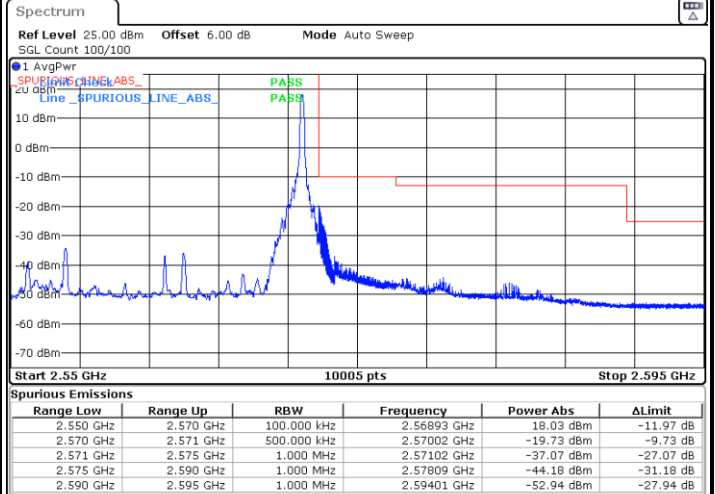
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



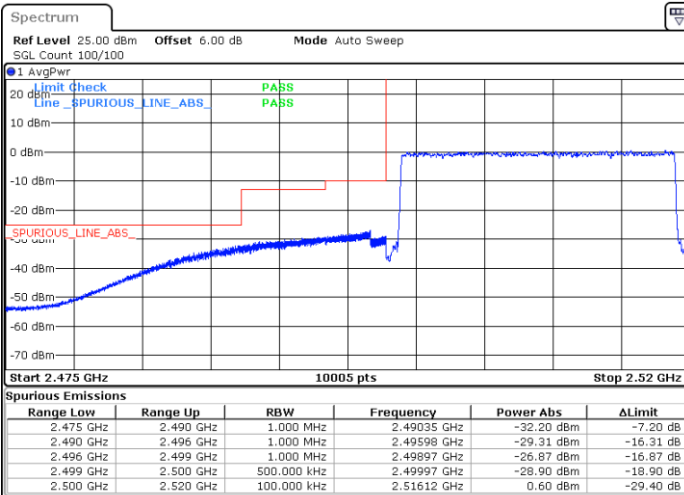
Date: 31.MAY.2024 03:26:52



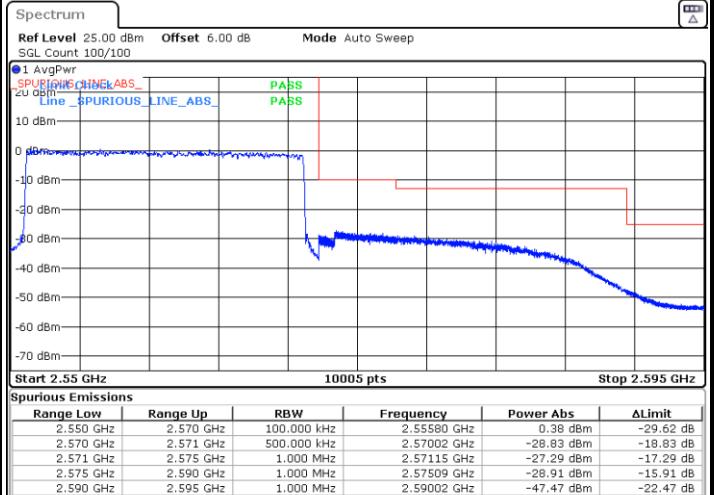
Date: 31.MAY.2024 03:32:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 03:23:22



Date: 31.MAY.2024 03:31:20

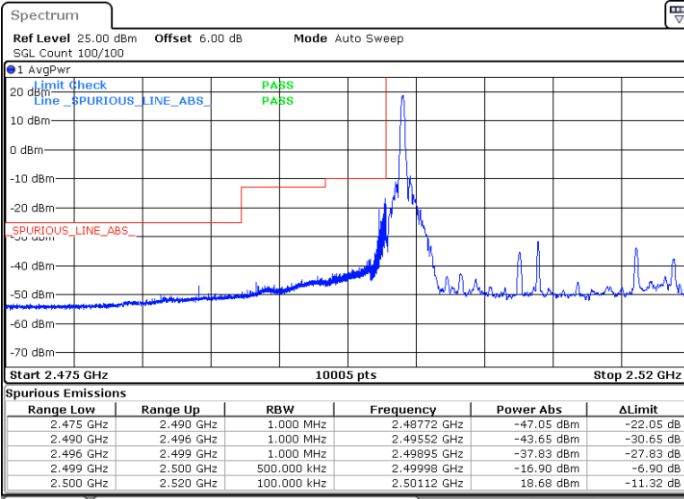




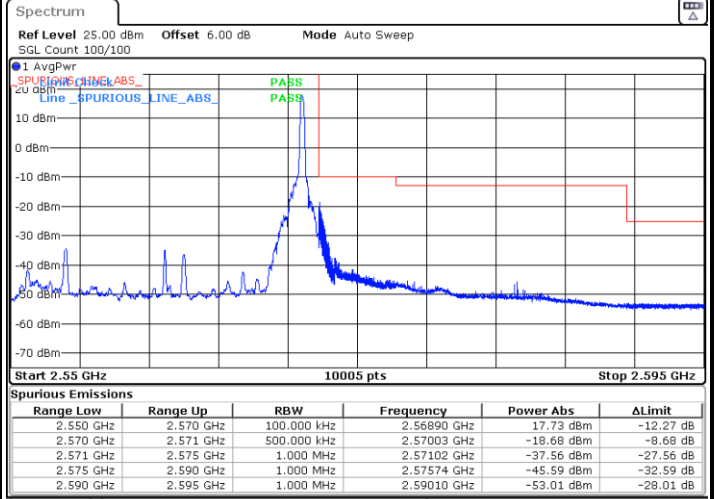
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



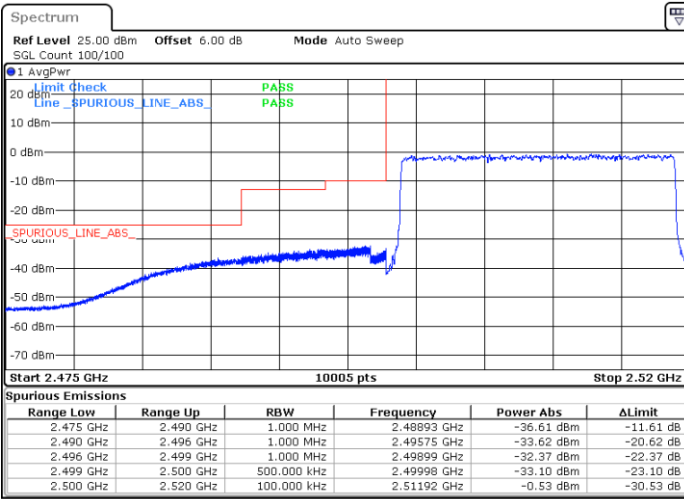
Date: 31.MAY.2024 03:26:35



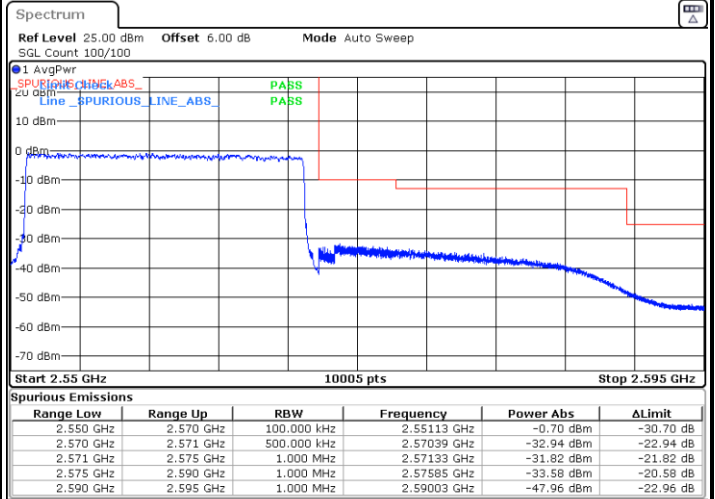
Date: 31.MAY.2024 03:32:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 31.MAY.2024 03:25:36



Date: 31.MAY.2024 03:31:34

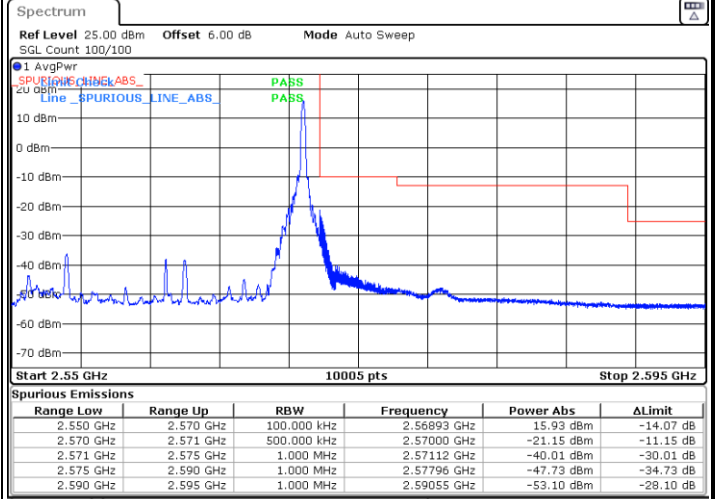
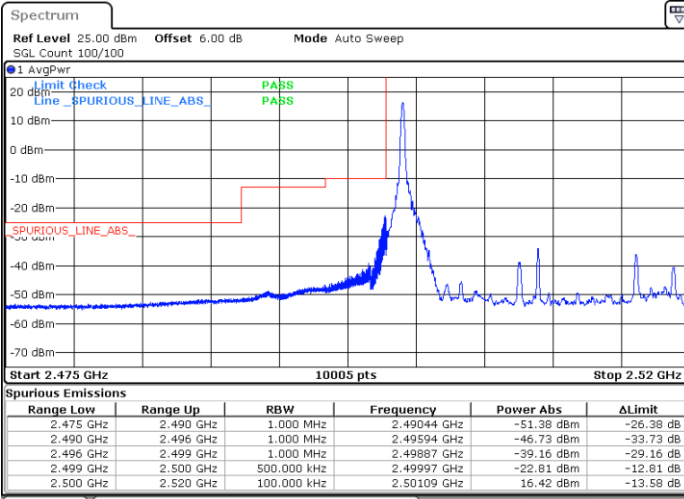




LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

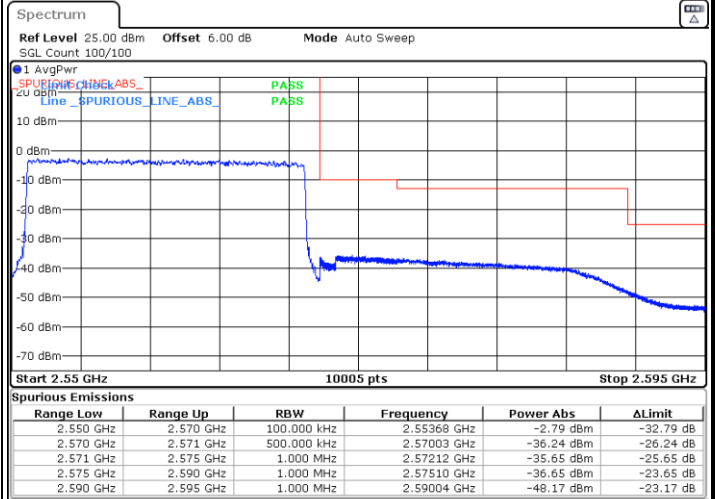
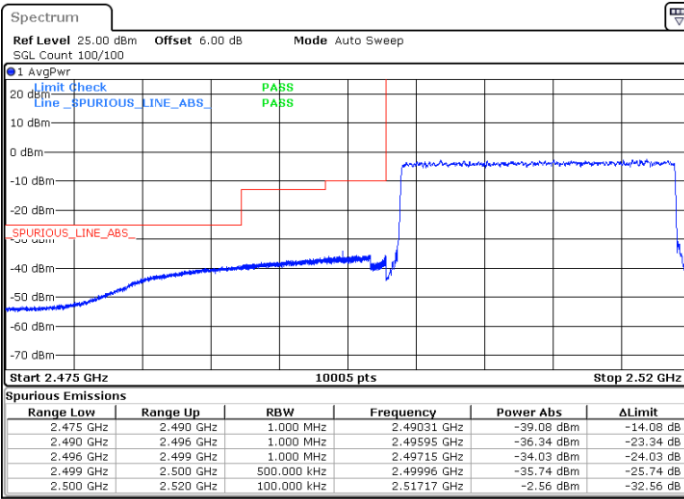


Date: 31.MAY.2024 03:26:15

Date: 31.MAY.2024 03:32:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

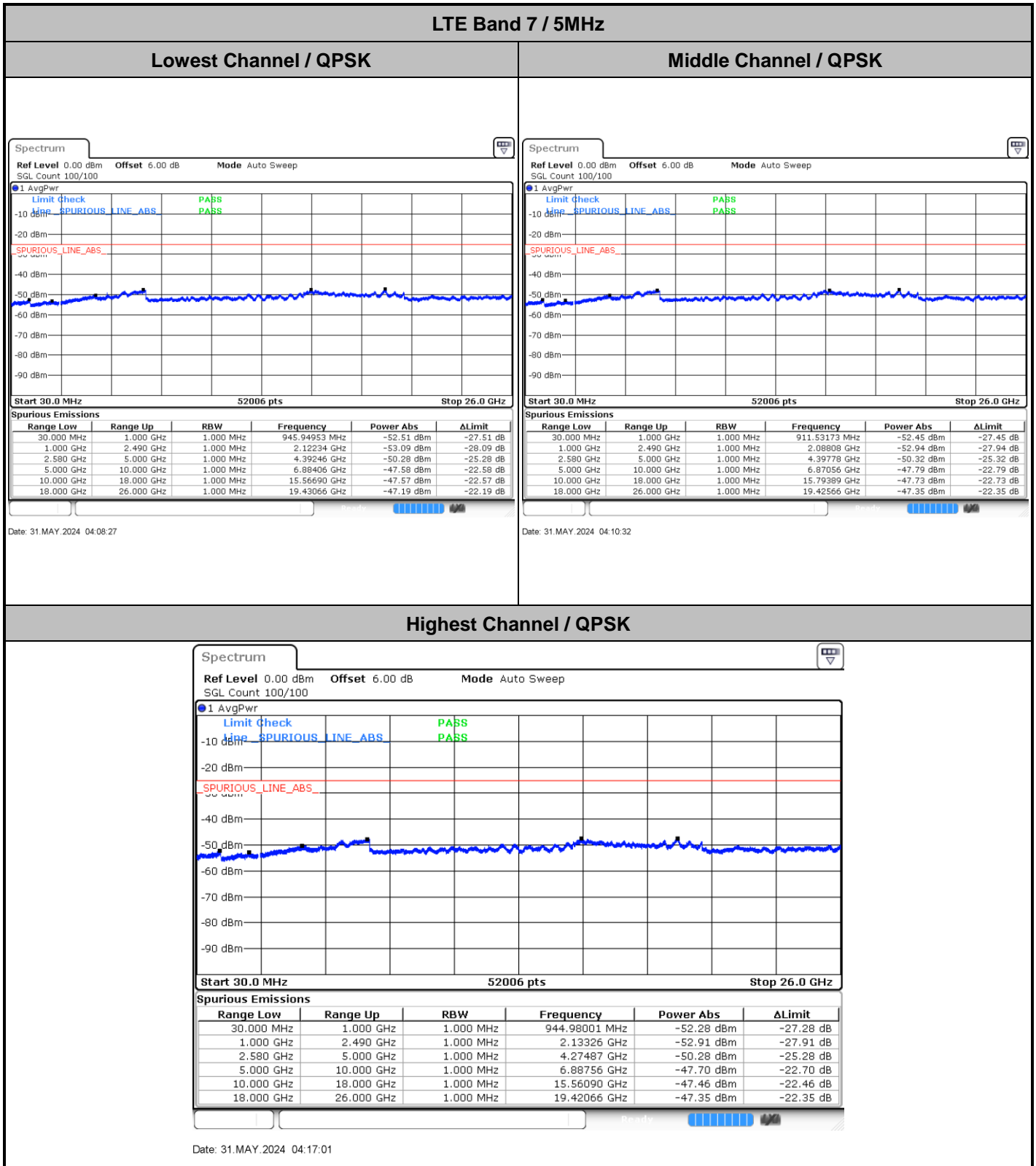


Date: 31.MAY.2024 03:25:57

Date: 31.MAY.2024 03:31:51



# Conducted Spurious Emission

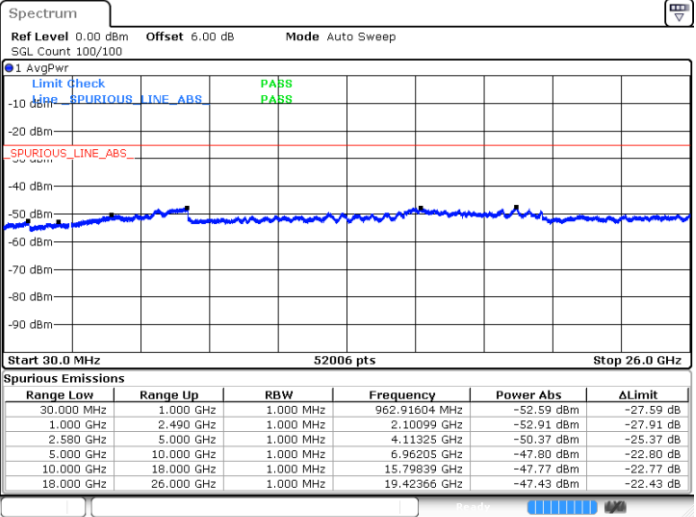
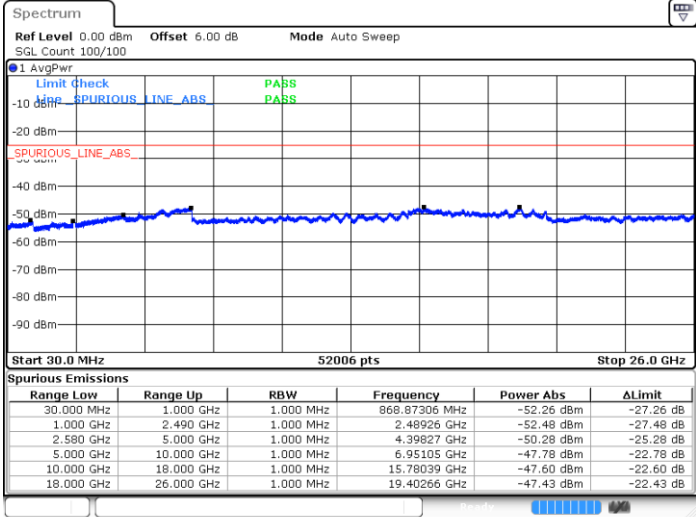




LTE Band 7 / 10MHz

Lowest Channel / QPSK

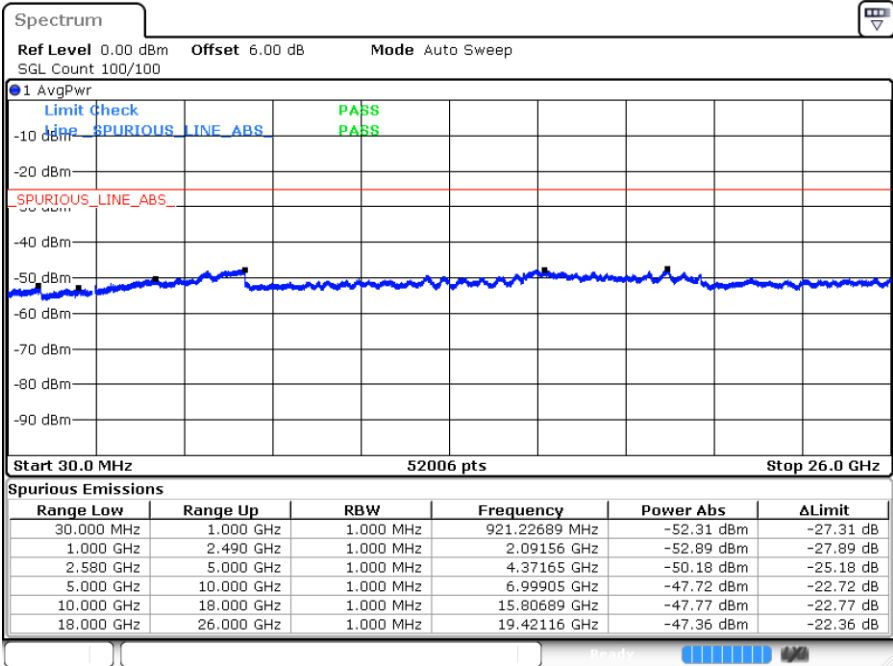
Middle Channel / QPSK



Date: 31.MAY.2024 03:54:55

Date: 31.MAY.2024 03:59:05

Highest Channel / QPSK



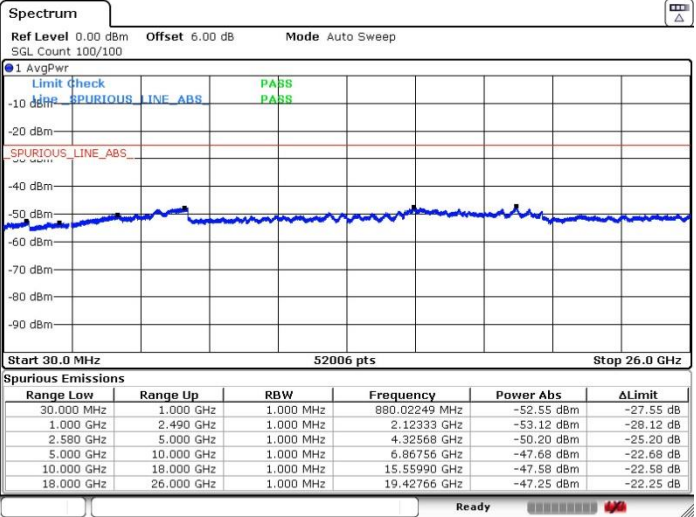
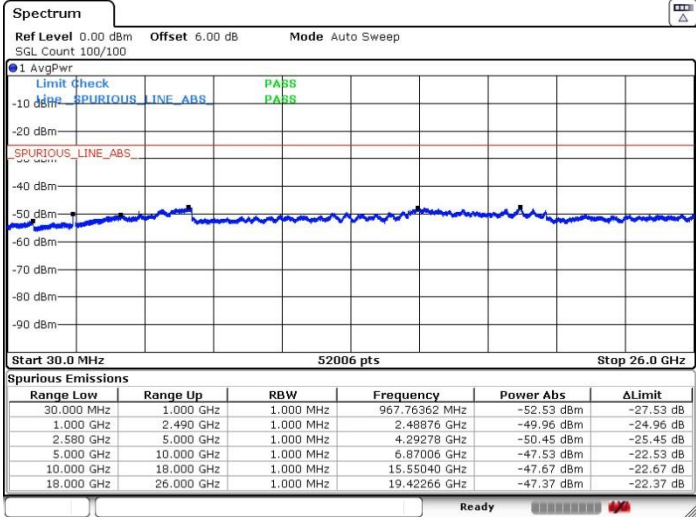
Date: 31.MAY.2024 04:01:02



LTE Band 7 / 15MHz

Lowest Channel / QPSK

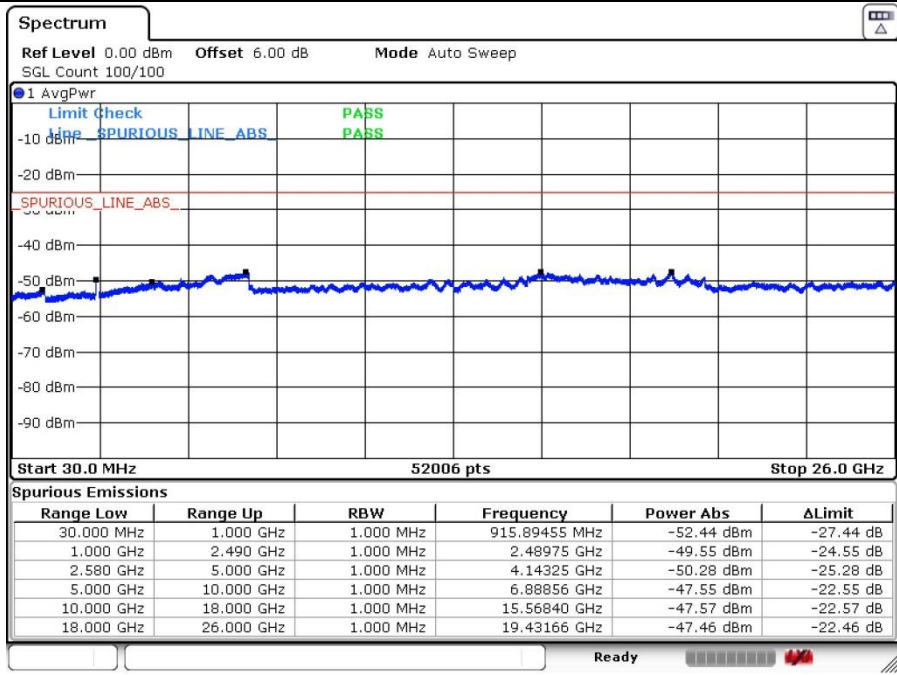
Middle Channel / QPSK



Date: 31.MAY.2024 03:37:37

Date: 31.MAY.2024 03:35:58

Highest Channel / QPSK



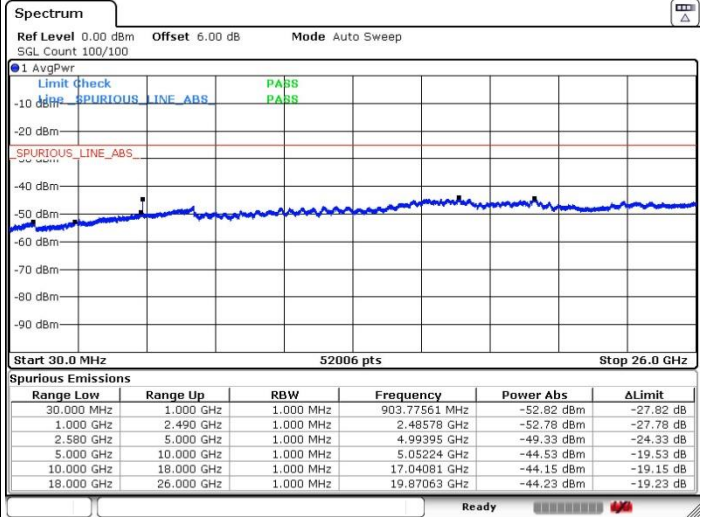
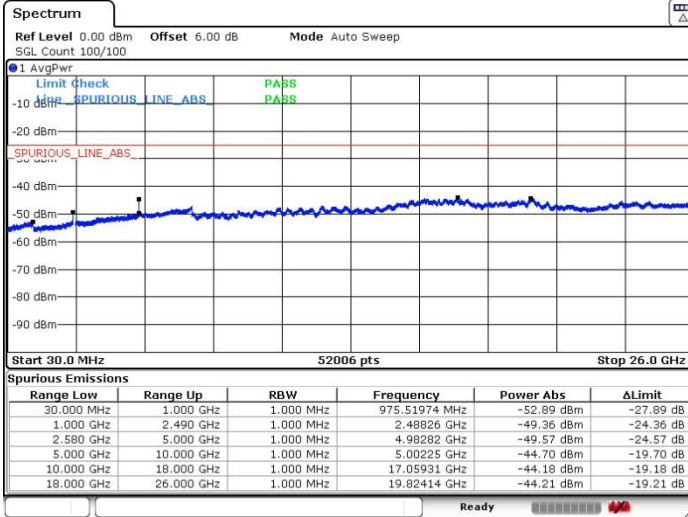
Date: 31.MAY.2024 03:38:24



LTE Band 7 / 20MHz

Lowest Channel / QPSK

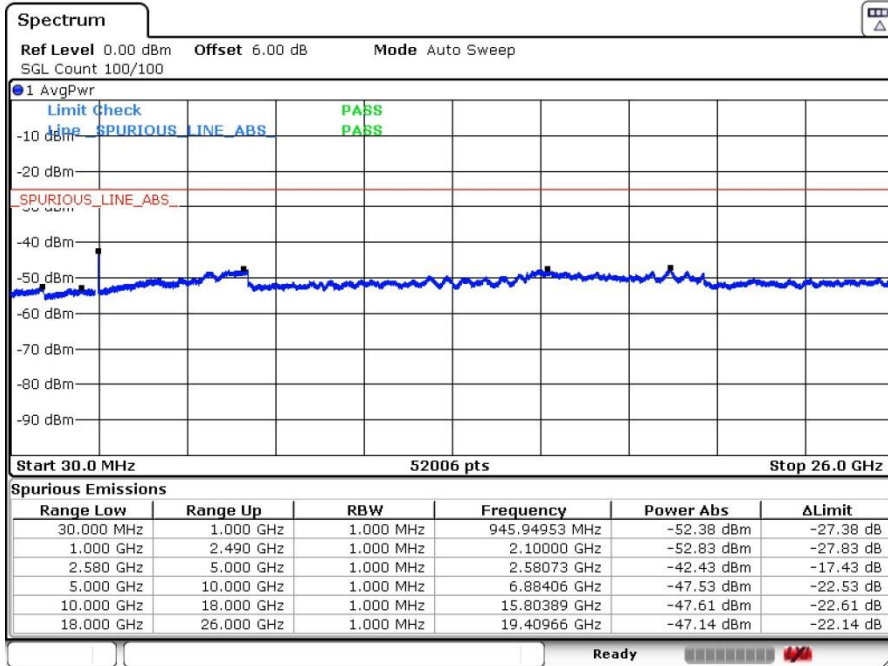
Middle Channel / QPSK



Date: 31.MAY.2024 04:07:06

Date: 31.MAY.2024 04:03:03

Highest Channel / QPSK



Date: 31.MAY.2024 03:30:32



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	0.0033	PASS
40	Normal Voltage	0.0041	
30	Normal Voltage	0.0022	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0035	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0009	
20	Battery End Point	0.0011	

Note:

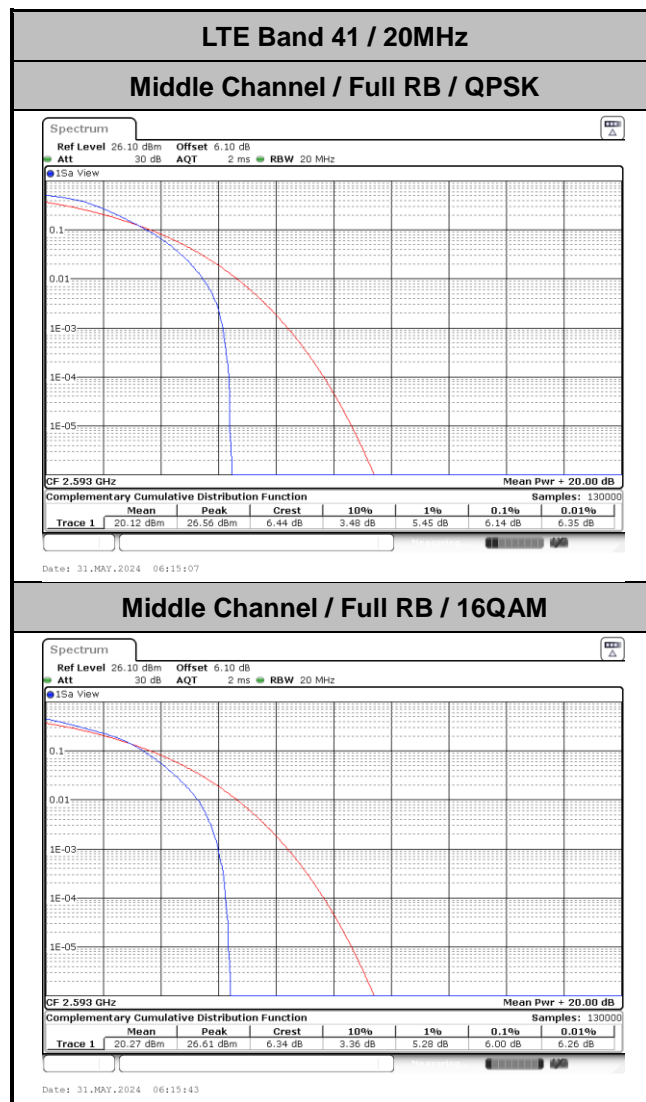
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



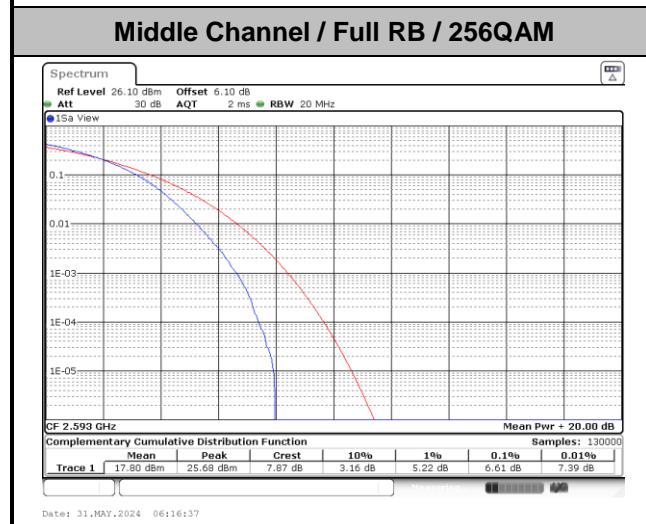
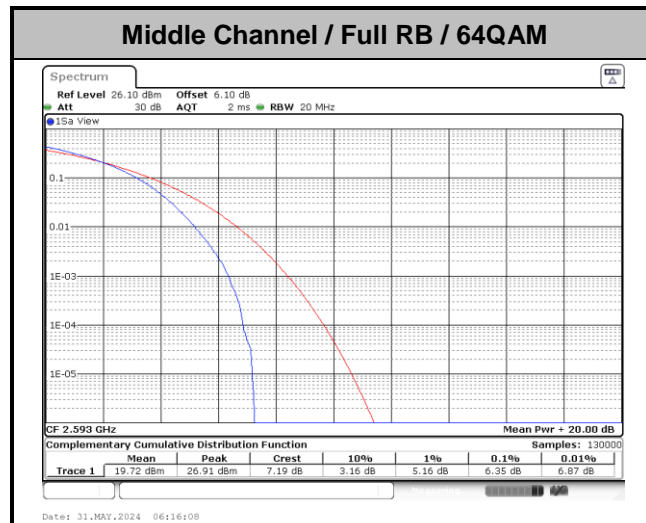
# LTE Band 41(Other PA)

## 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	6.14	6	6.35	6.61	PASS



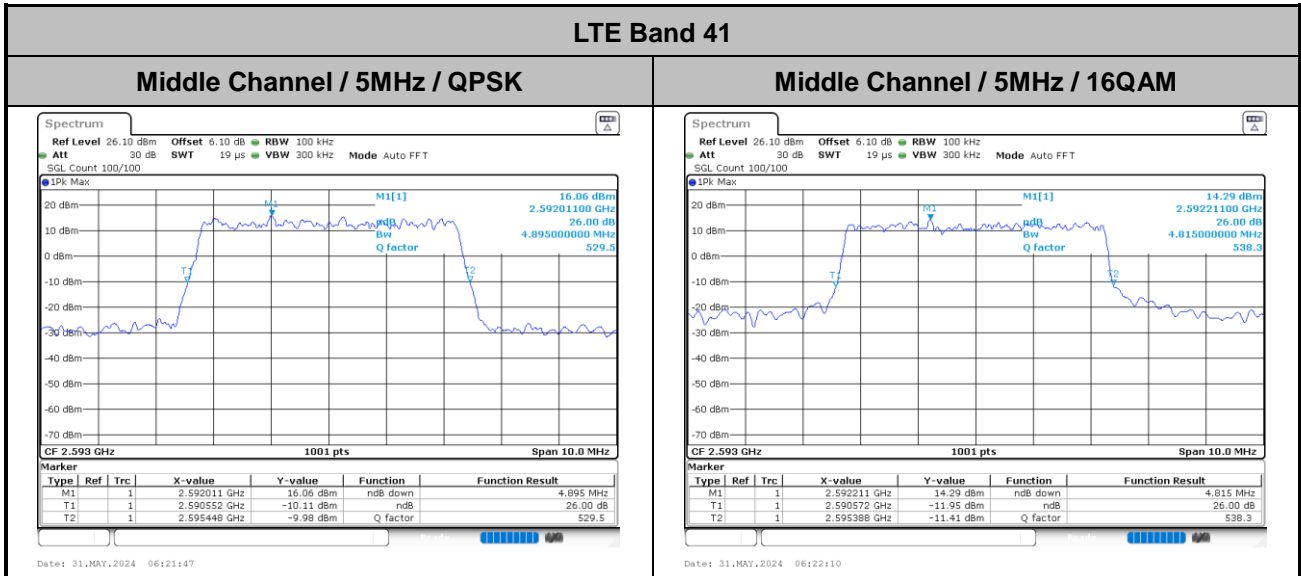






**26dB Bandwidth**

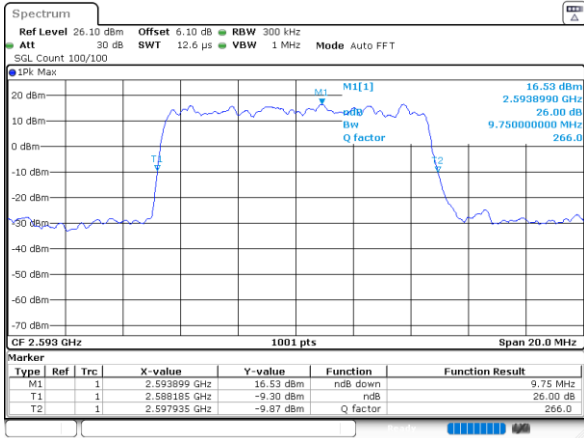
Mode	LTE Band 41 : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.90	4.82
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.75	10.05
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.30	14.42
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.94	18.66





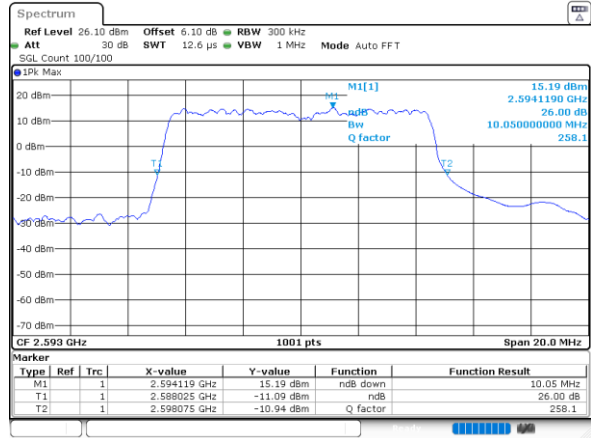
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 31.MAY.2024 06:18:42

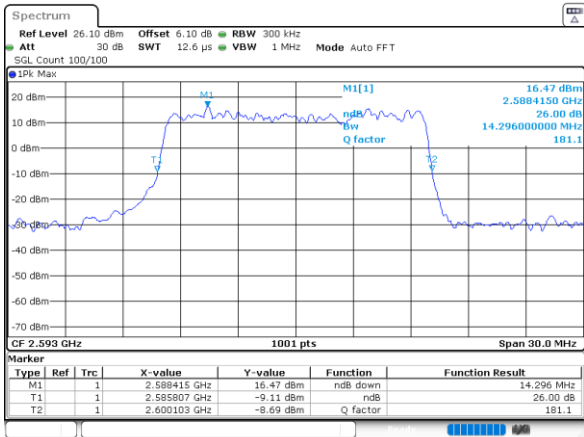
Middle Channel / 10MHz / 16QAM



Date: 31.MAY.2024 06:19:40

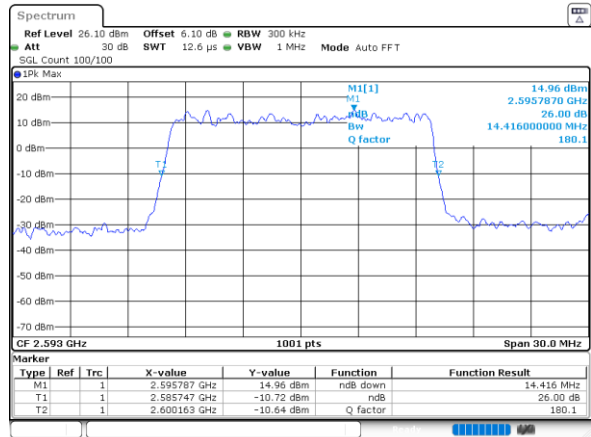
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 31.MAY.2024 06:17:59

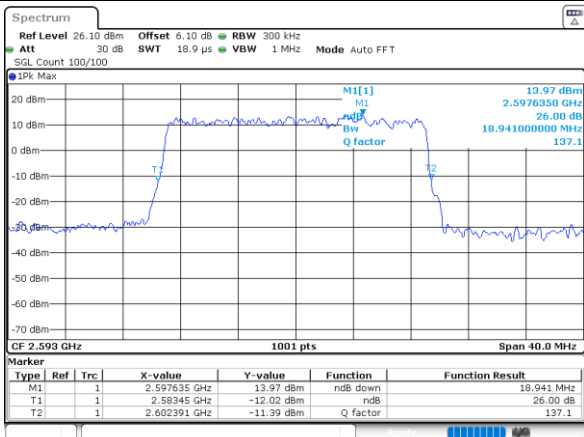
Middle Channel / 15MHz / 16QAM



Date: 31.MAY.2024 06:18:01

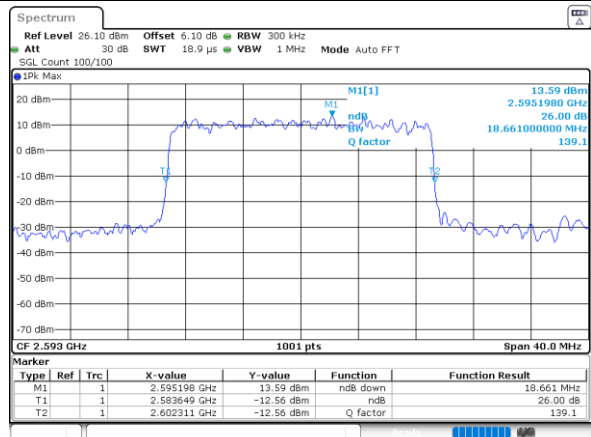
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 31.MAY.2024 06:13:42

Middle Channel / 20MHz / 16QAM

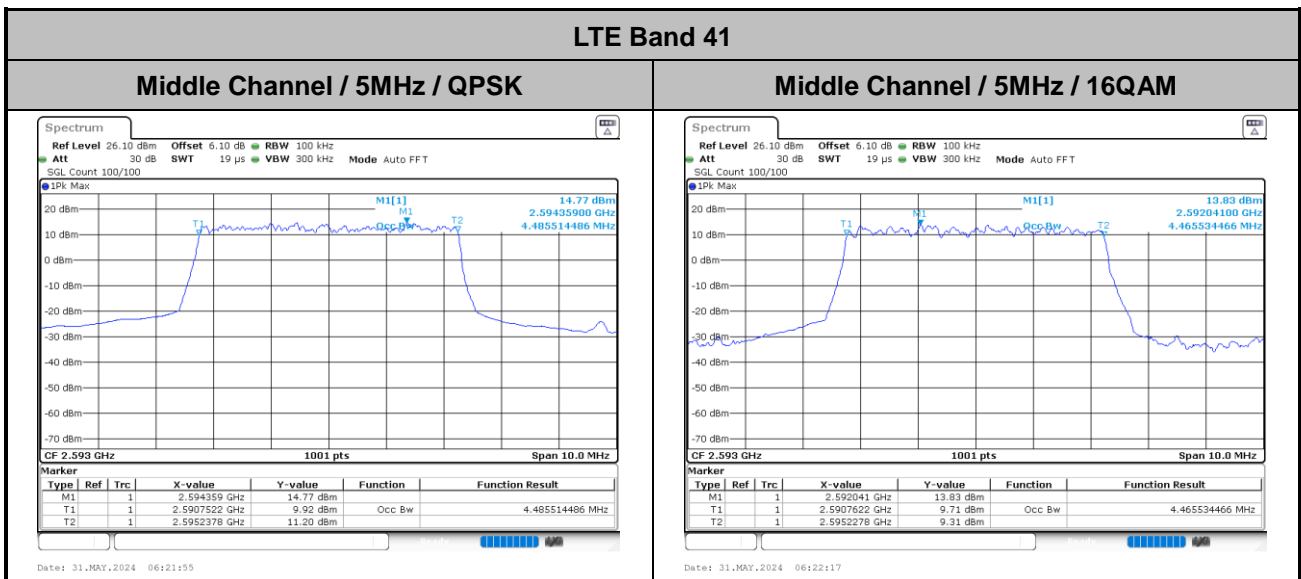


Date: 31.MAY.2024 06:14:23



# Occupied Bandwidth

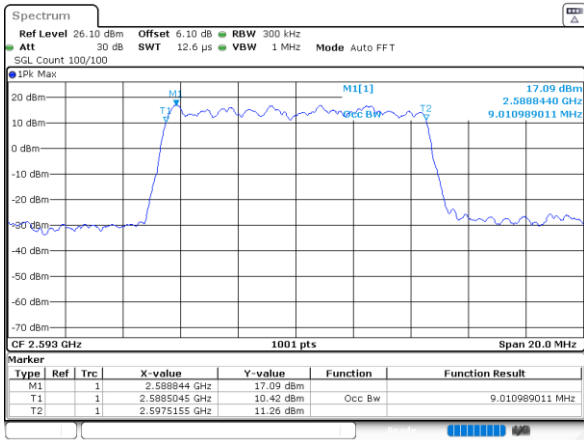
Mode	LTE Band 41 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.49	4.47
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.01	9.01
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.46	13.40
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.90	17.82





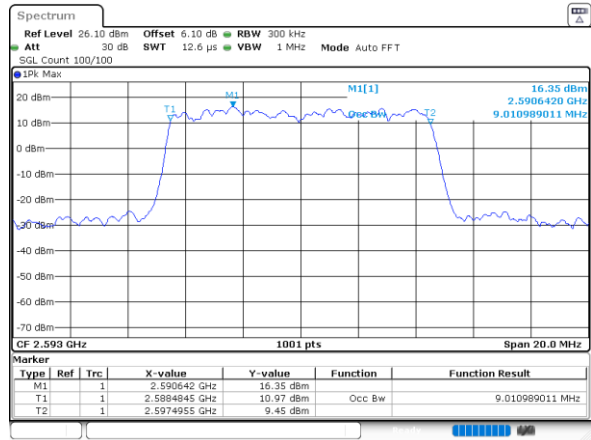
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 31.MAY.2024 06:19:22

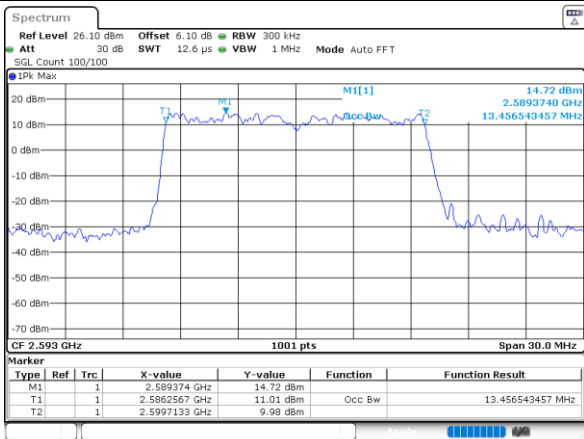
Middle Channel / 10MHz / 16QAM



Date: 31.MAY.2024 06:19:49

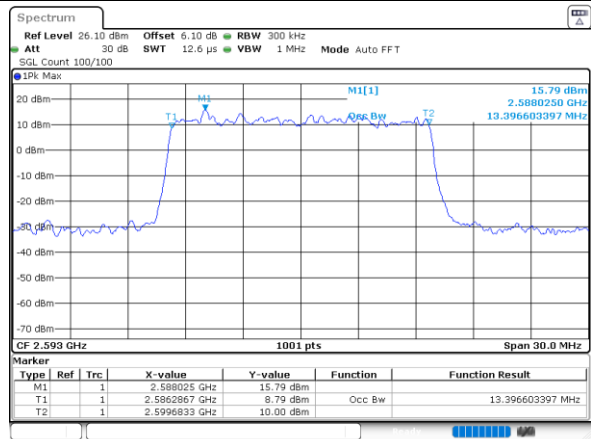
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 31.MAY.2024 06:17:47

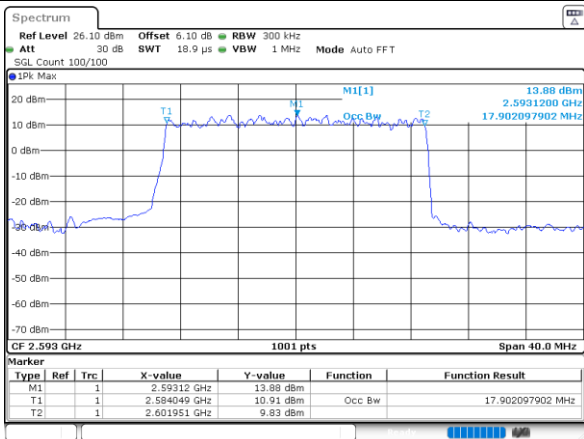
Middle Channel / 15MHz / 16QAM



Date: 31.MAY.2024 06:18:09

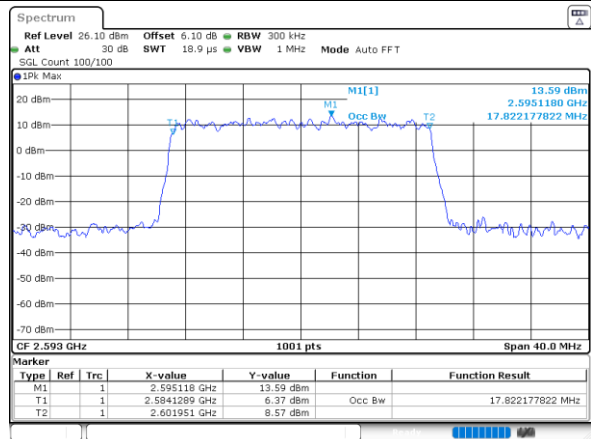
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 31.MAY.2024 06:14:04

Middle Channel / 20MHz / 16QAM



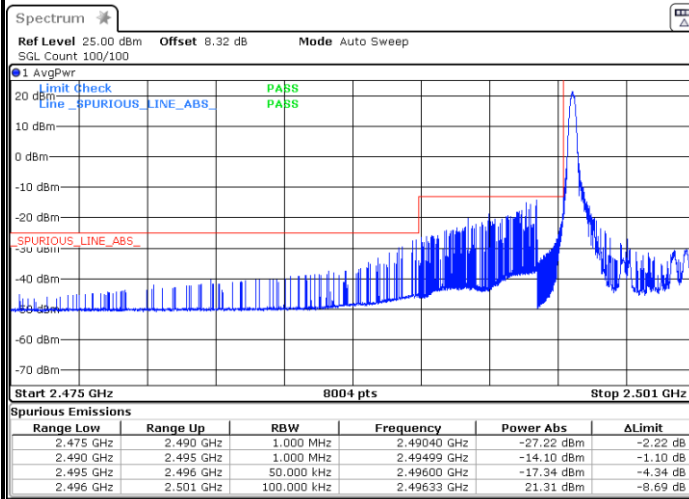
Date: 31.MAY.2024 06:14:29



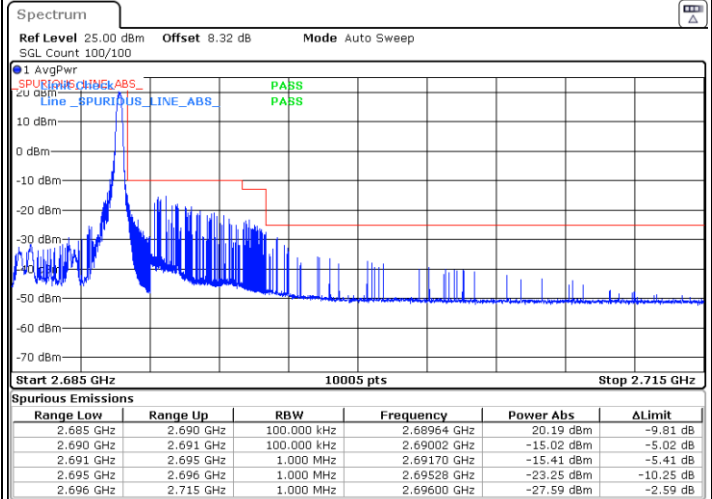
# Conducted Band Edge

## LTE Band 41 / 5MHz / QPSK

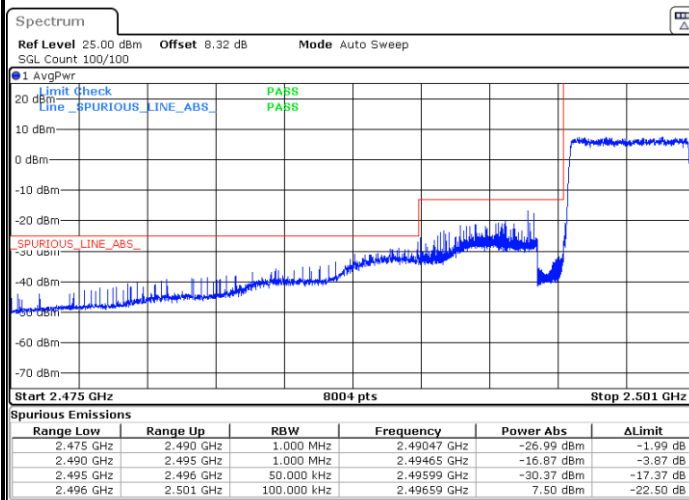
### Lowest Band Edge / 1 RB



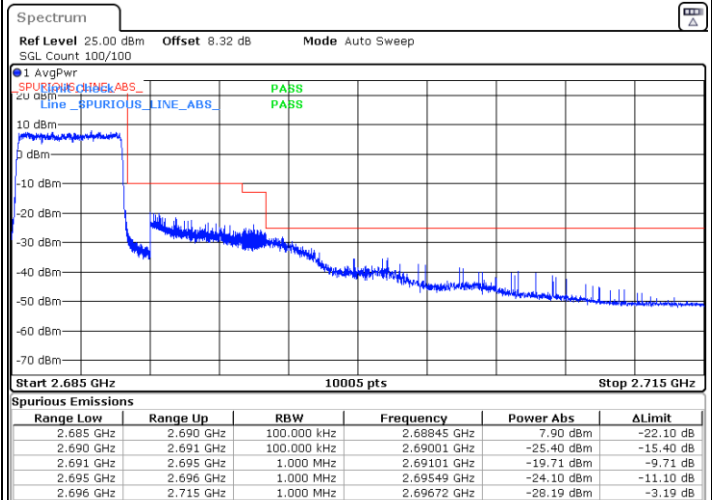
### Highest Band Edge / 1 RB



### Lowest Band Edge / Full RB



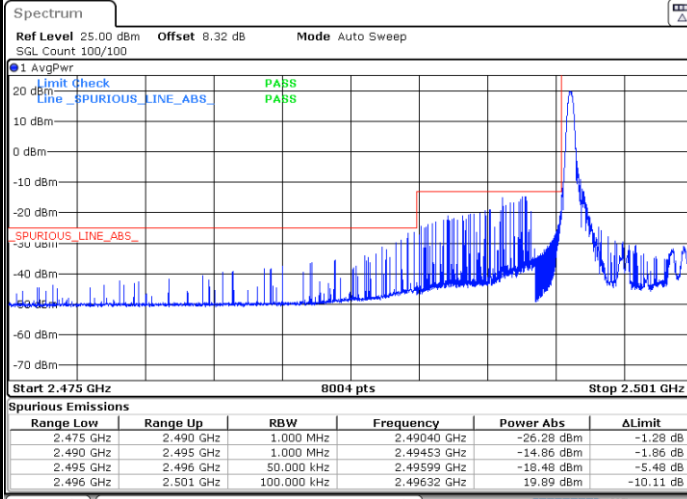
### Highest Band Edge / Full RB





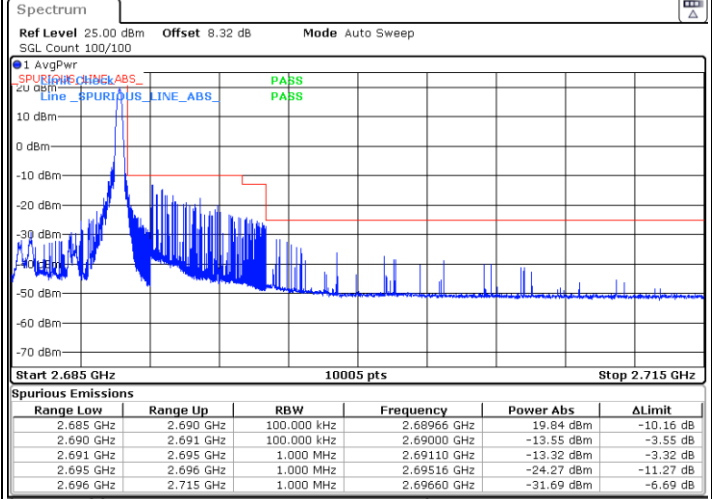
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



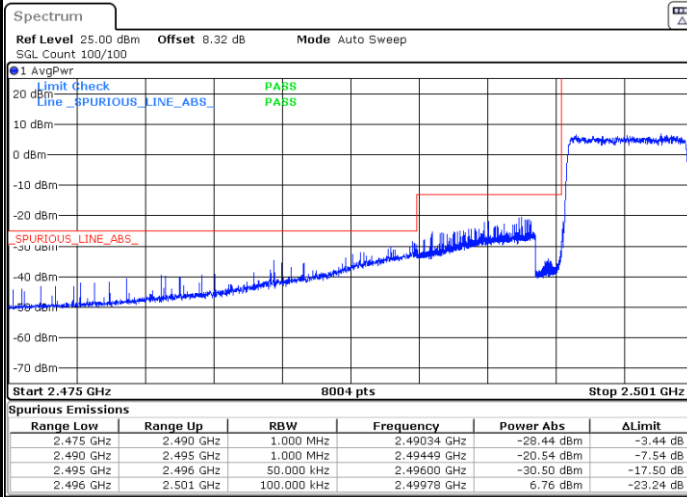
Date: 31.MAY.2024 04:23:50

Highest Band Edge / 1 RB



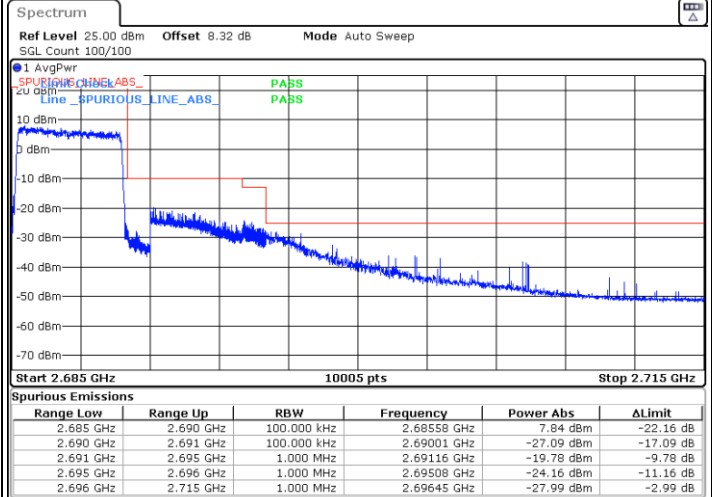
Date: 31.MAY.2024 04:33:53

Lowest Band Edge / Full RB



Date: 31.MAY.2024 04:27:40

Highest Band Edge / Full RB



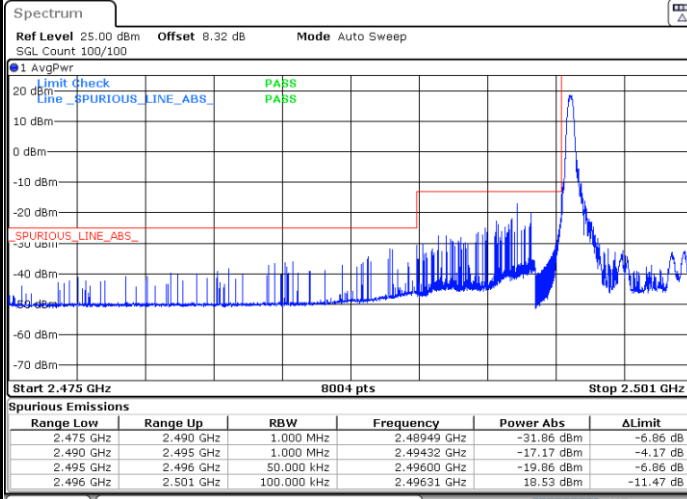
Date: 31.MAY.2024 04:35:46





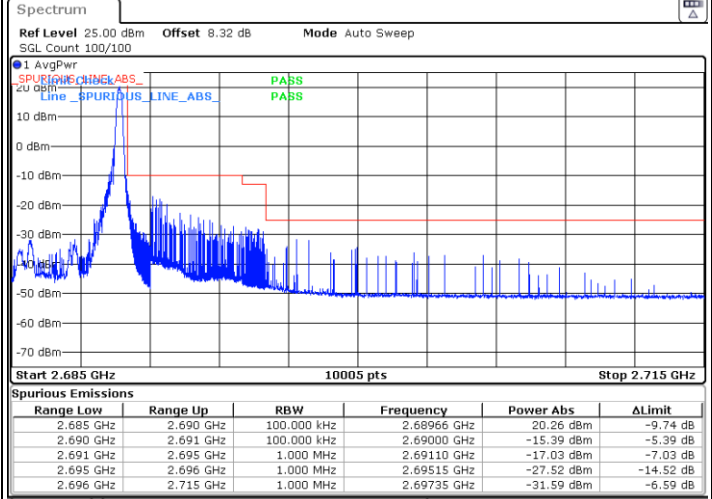
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



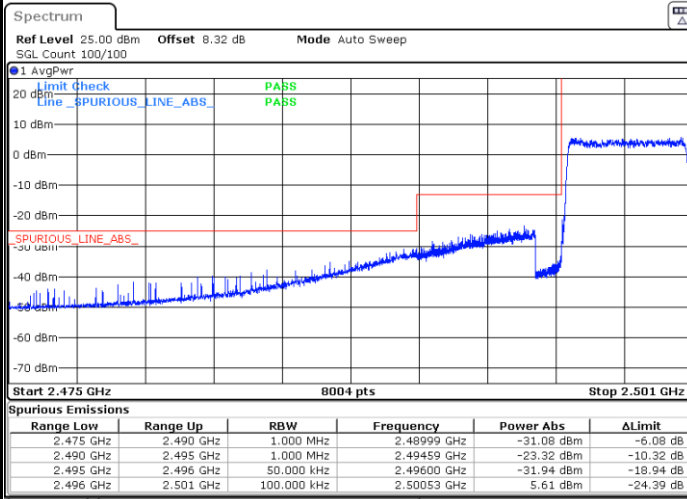
Date: 31.MAY.2024 04:24:36

Highest Band Edge / 1 RB



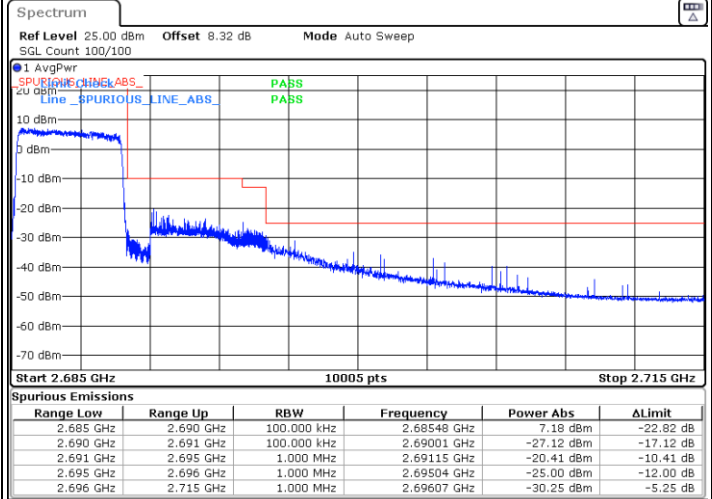
Date: 31.MAY.2024 04:34:18

Lowest Band Edge / Full RB



Date: 31.MAY.2024 04:28:02

Highest Band Edge / Full RB

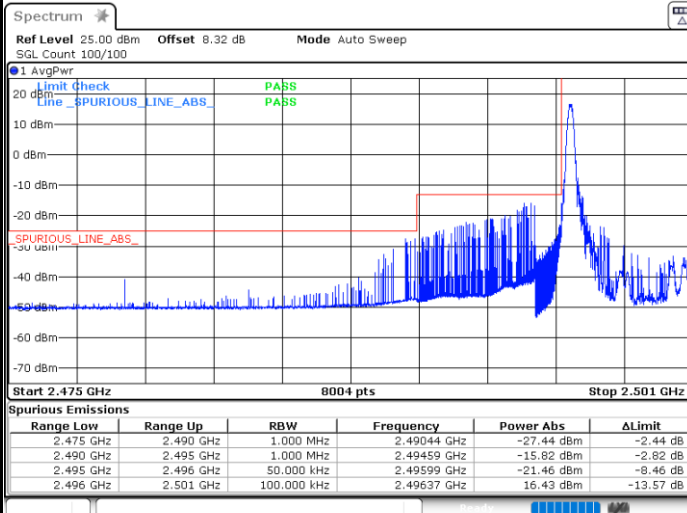


Date: 31.MAY.2024 04:36:04



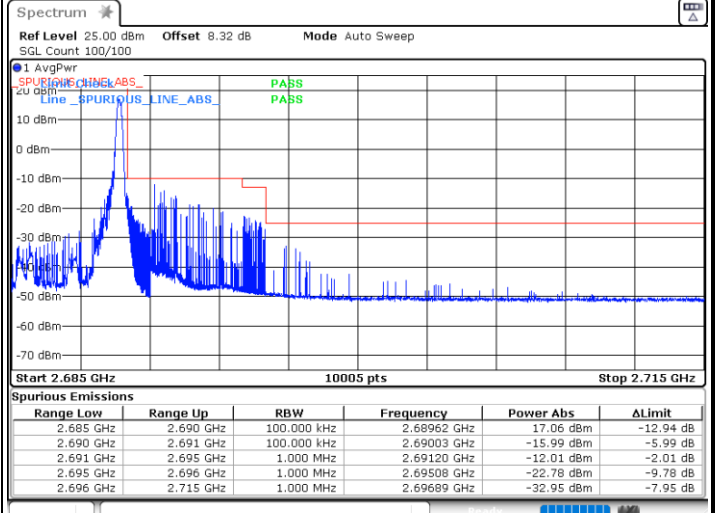
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



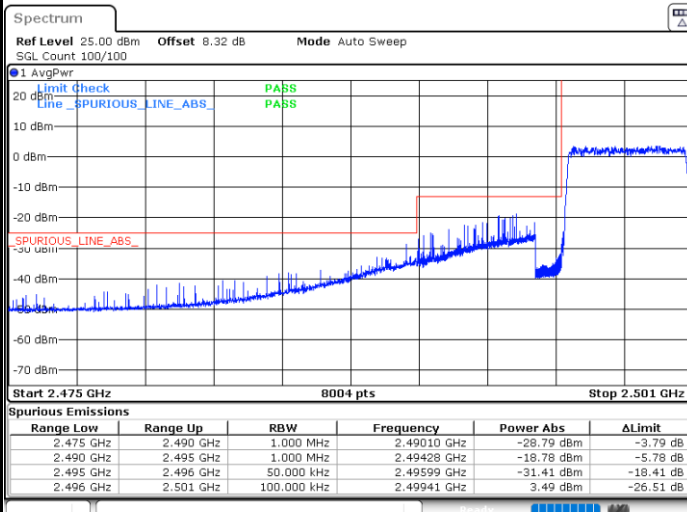
Date: 31.MAY.2024 04:25:23

Highest Band Edge / 1 RB



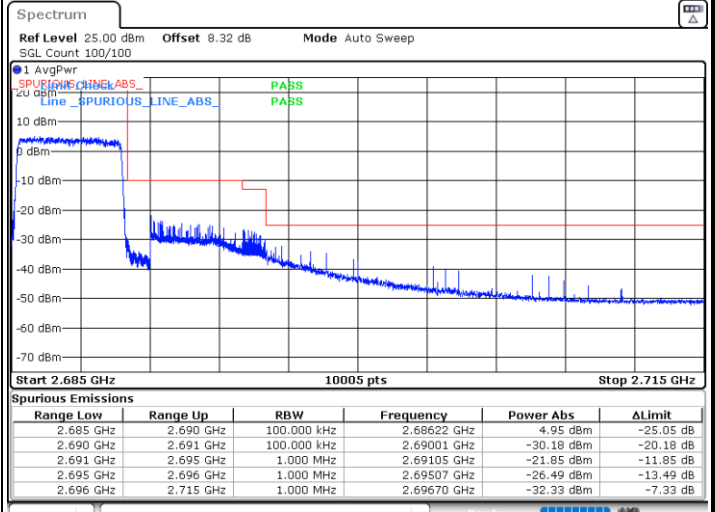
Date: 31.MAY.2024 04:34:46

Lowest Band Edge / Full RB



Date: 31.MAY.2024 04:28:26

Highest Band Edge / Full RB

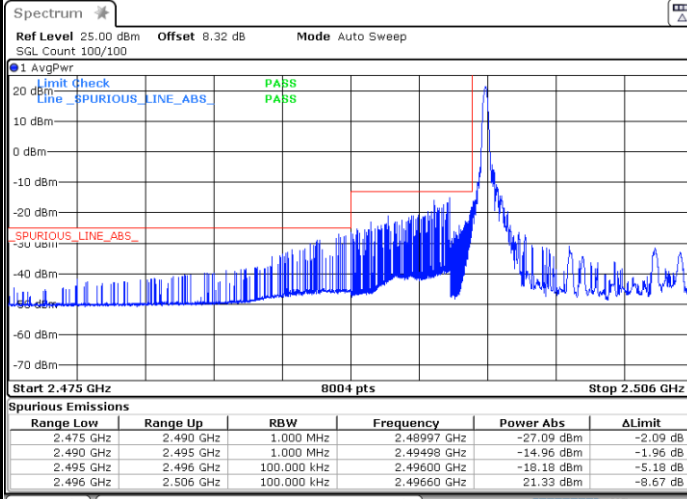


Date: 31.MAY.2024 04:36:47



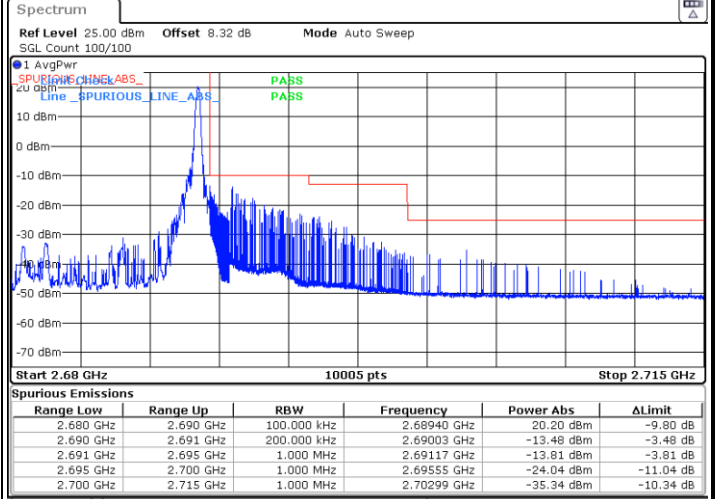
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



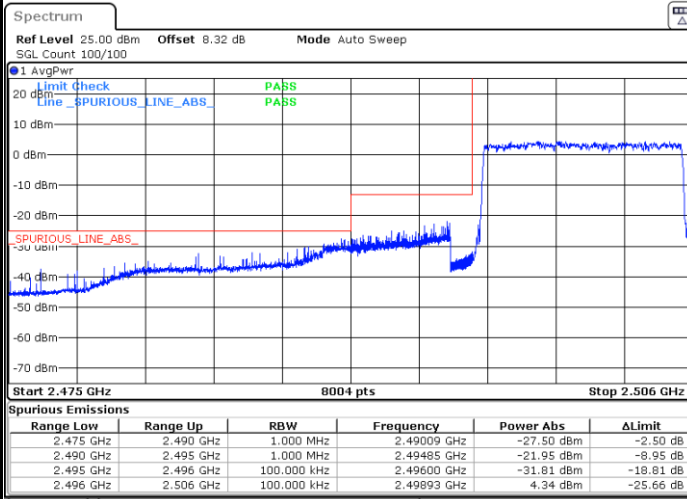
Date: 31.MAY.2024 04:40:37

Highest Band Edge / 1 RB



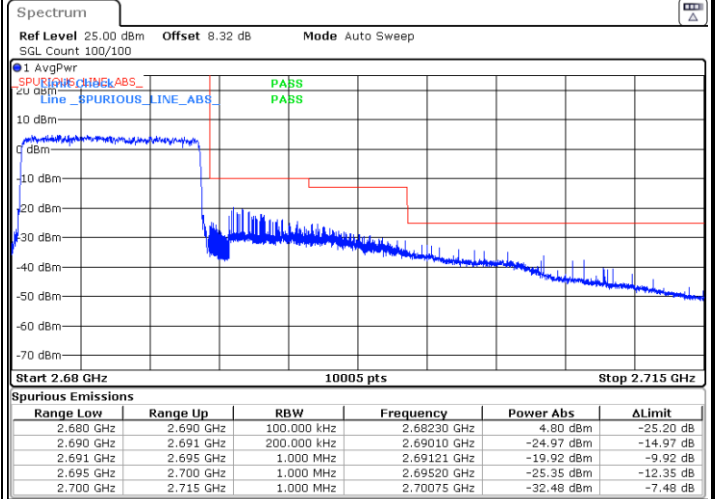
Date: 31.MAY.2024 05:23:42

Lowest Band Edge / Full RB



Date: 31.MAY.2024 04:42:50

Highest Band Edge / Full RB

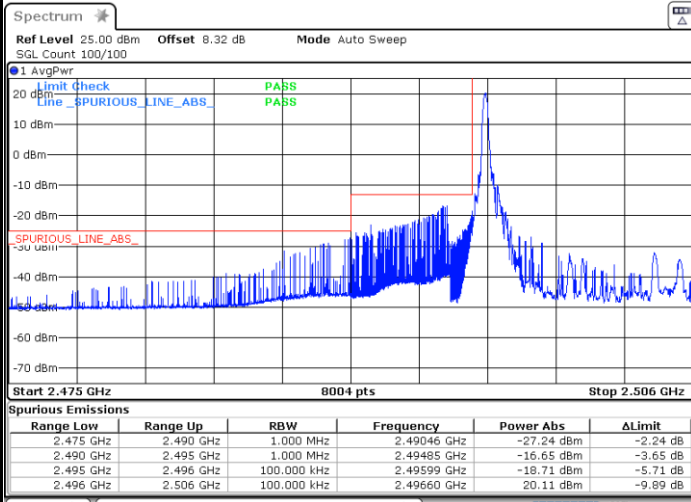


Date: 31.MAY.2024 05:25:04



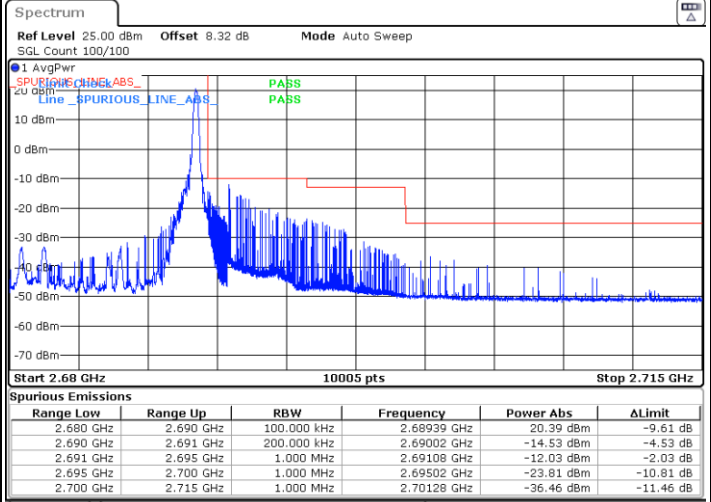
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



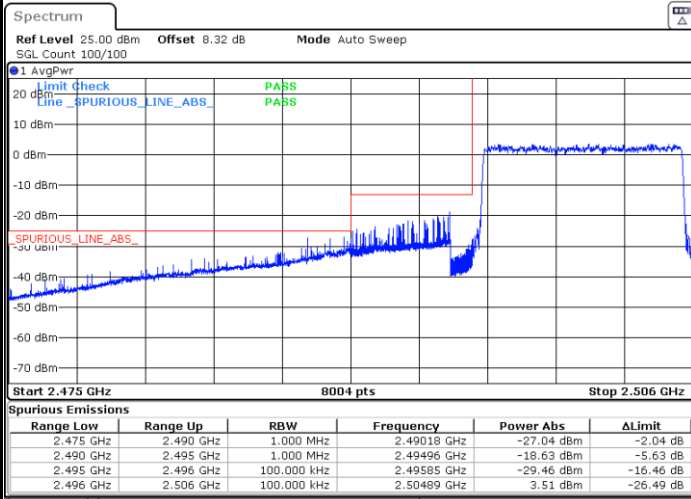
Date: 31.MAY.2024 04:41:08

Highest Band Edge / 1 RB



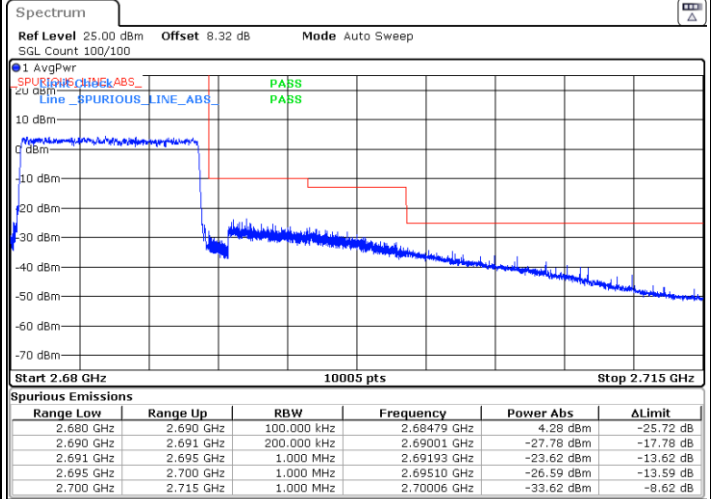
Date: 31.MAY.2024 05:24:01

Lowest Band Edge / Full RB



Date: 31.MAY.2024 04:43:09

Highest Band Edge / Full RB

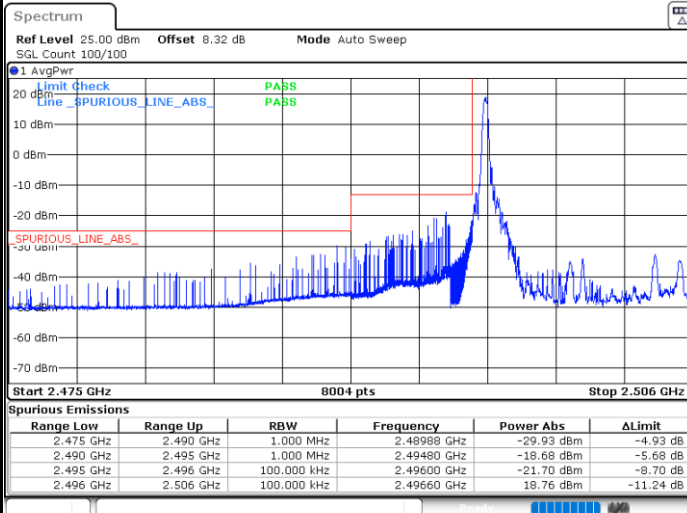


Date: 31.MAY.2024 05:25:21



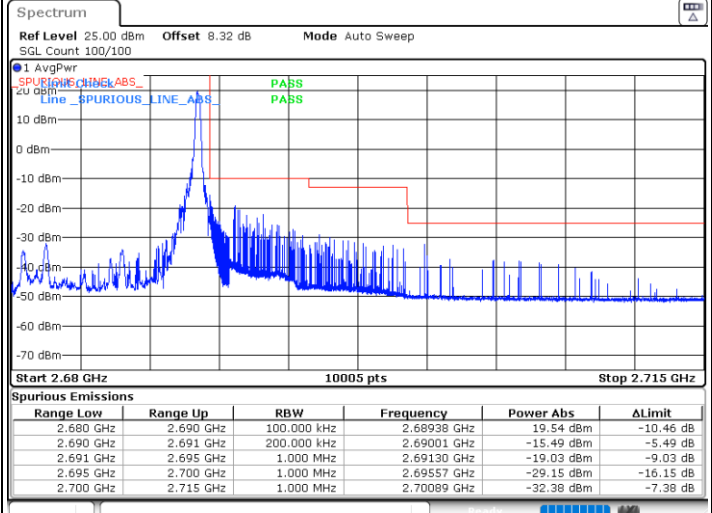
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



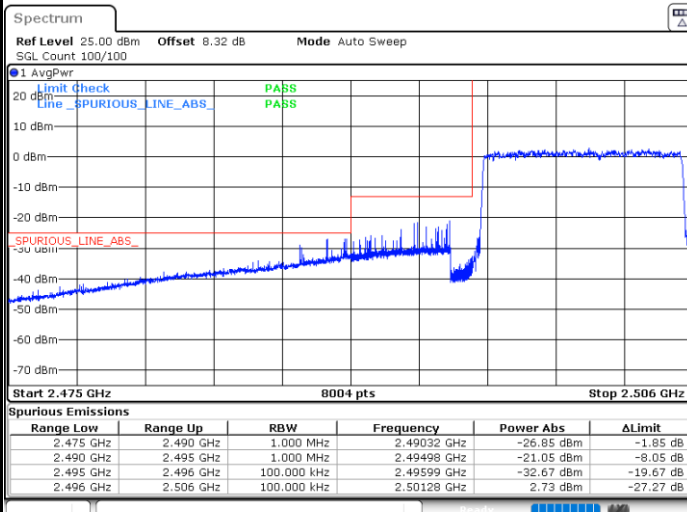
Date: 31.MAY.2024 04:41:38

Highest Band Edge / 1 RB



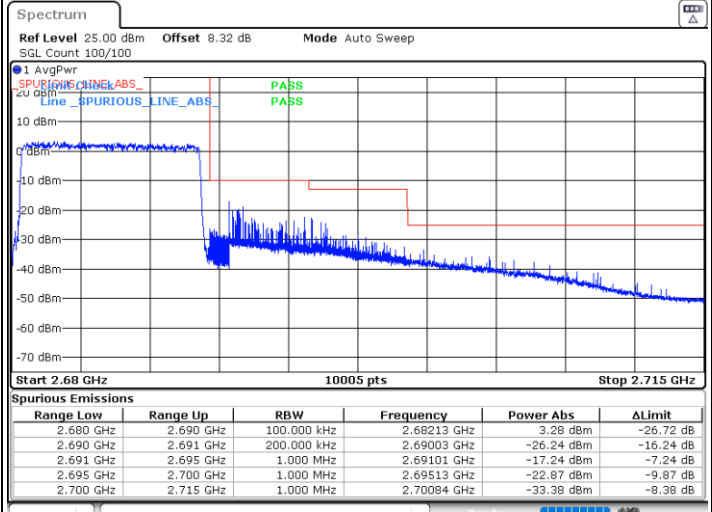
Date: 31.MAY.2024 05:24:18

Lowest Band Edge / Full RB



Date: 31.MAY.2024 04:43:31

Highest Band Edge / Full RB



Date: 31.MAY.2024 05:25:42