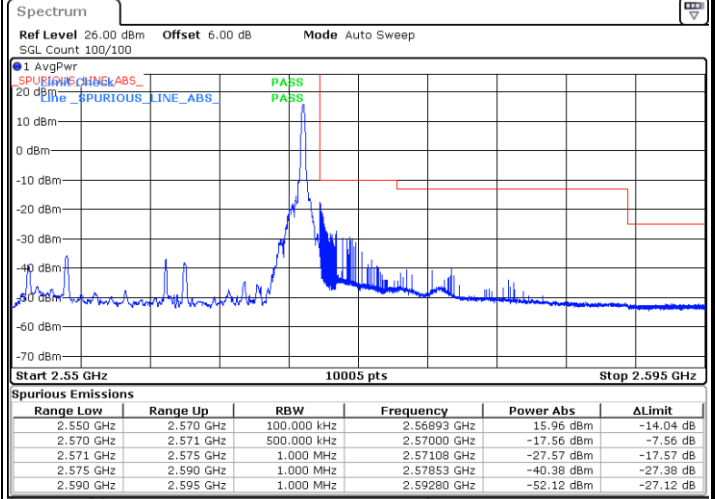
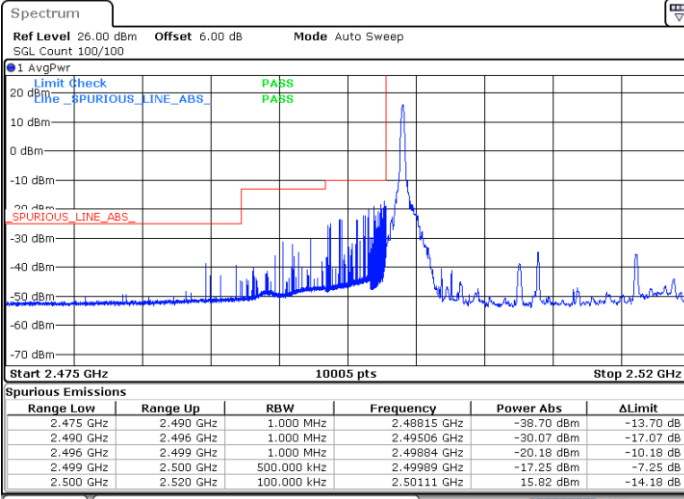




LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

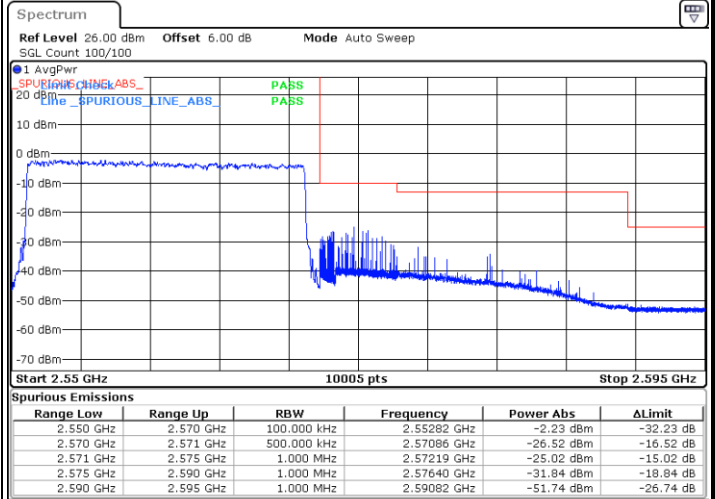
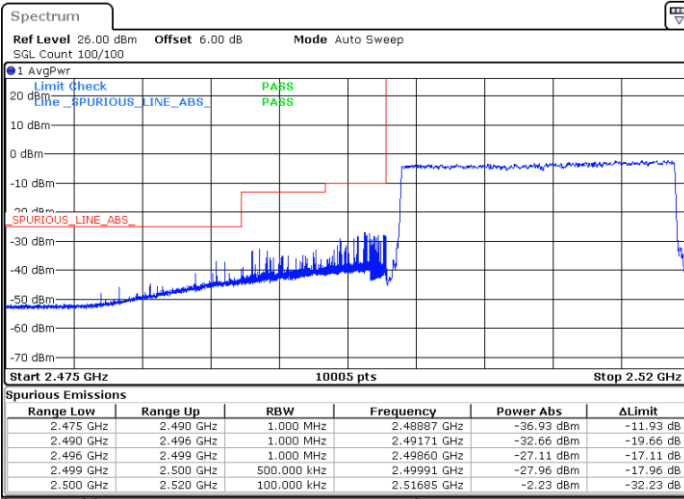


Date: 11.MAY.2024 14:32:53

Date: 11.MAY.2024 14:44:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

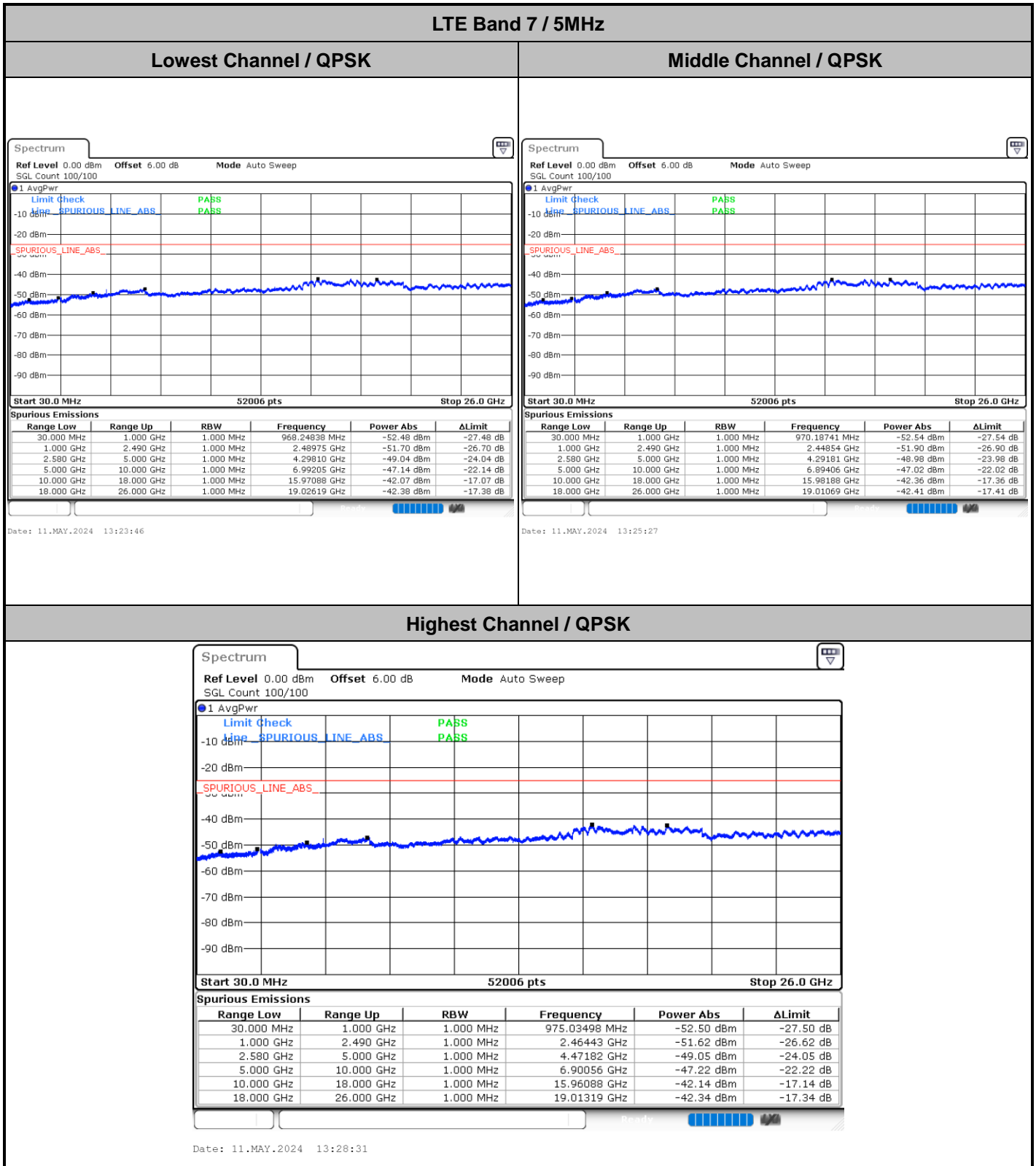


Date: 11.MAY.2024 14:28:47

Date: 11.MAY.2024 14:48:59



# Conducted Spurious Emission

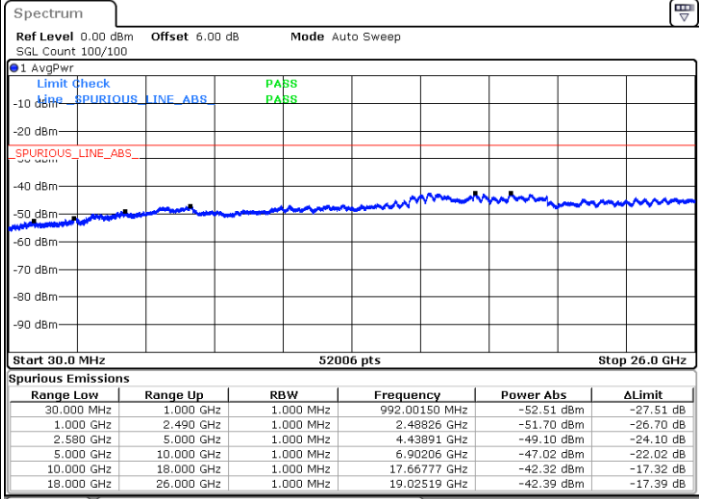
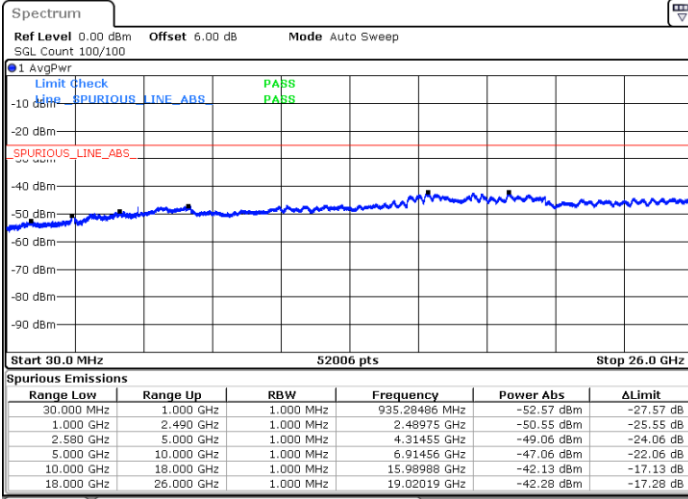




LTE Band 7 / 10MHz

Lowest Channel / QPSK

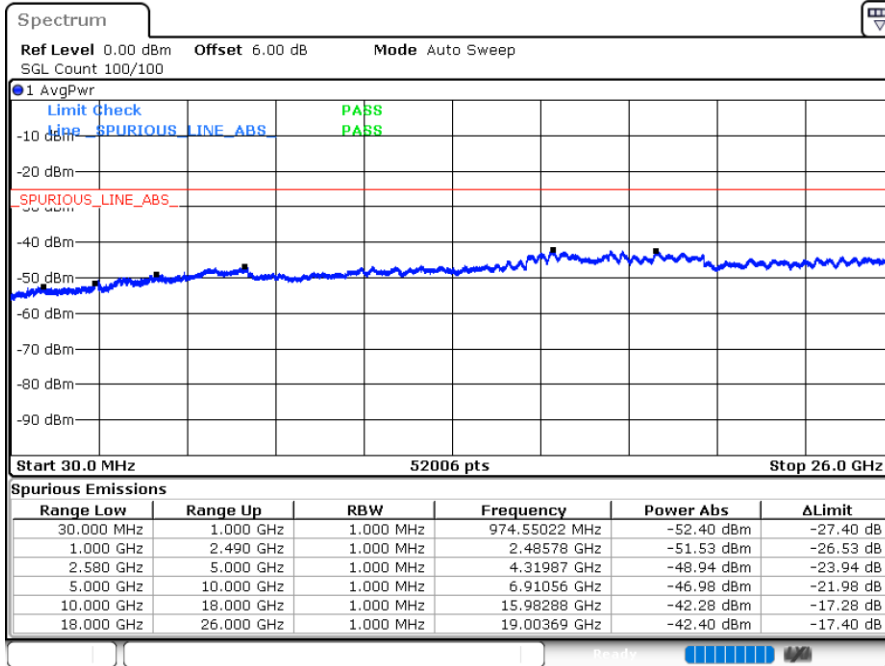
Middle Channel / QPSK



Date: 11.MAY.2024 13:47:20

Date: 11.MAY.2024 13:49:01

Highest Channel / QPSK



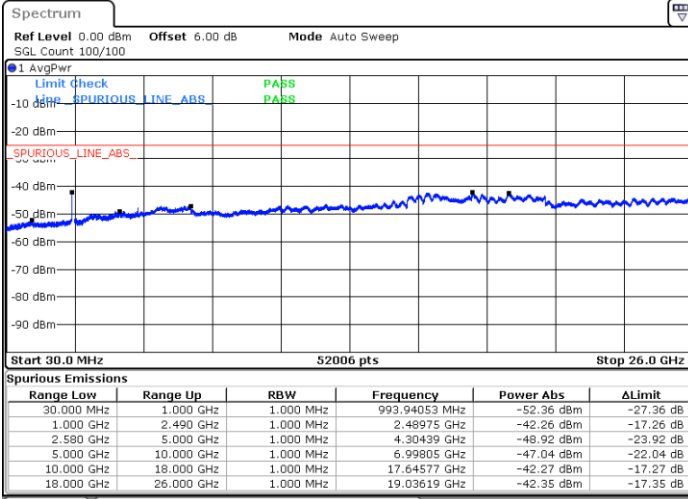
Date: 11.MAY.2024 13:52:07



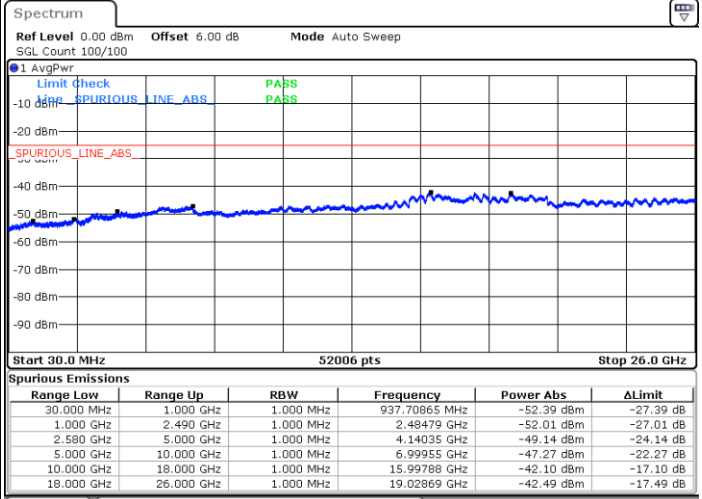
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

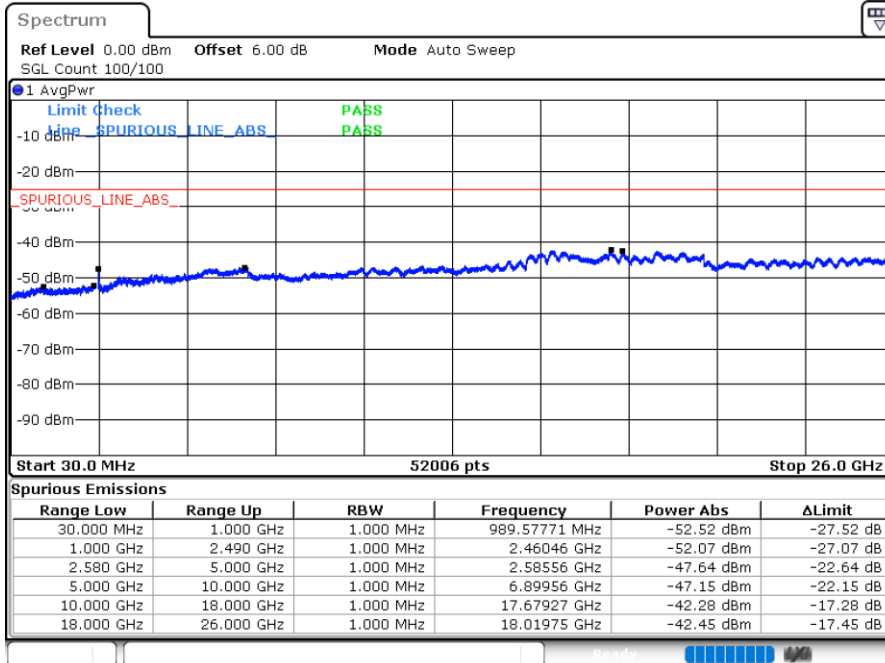


Date: 11.MAY.2024 14:11:02



Date: 11.MAY.2024 14:12:43

Highest Channel / QPSK



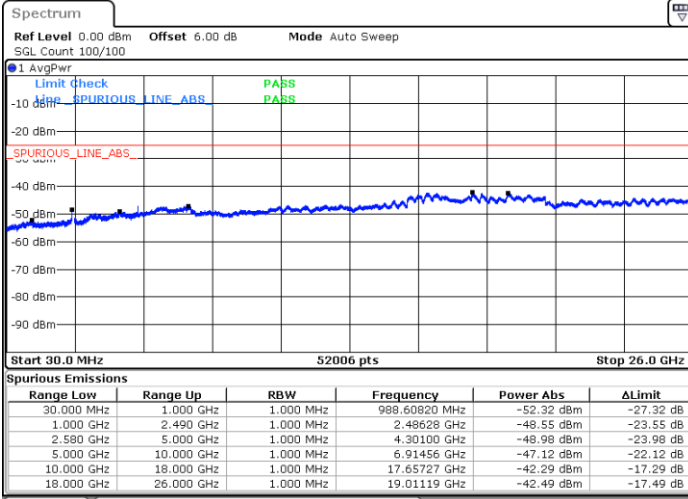
Date: 11.MAY.2024 14:15:47



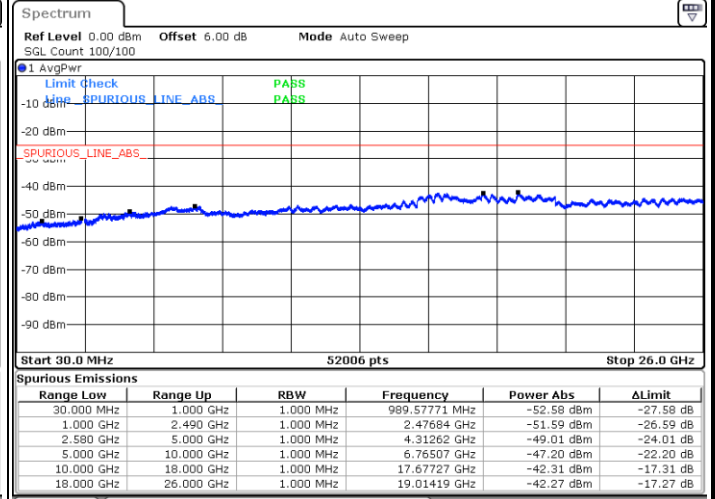
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

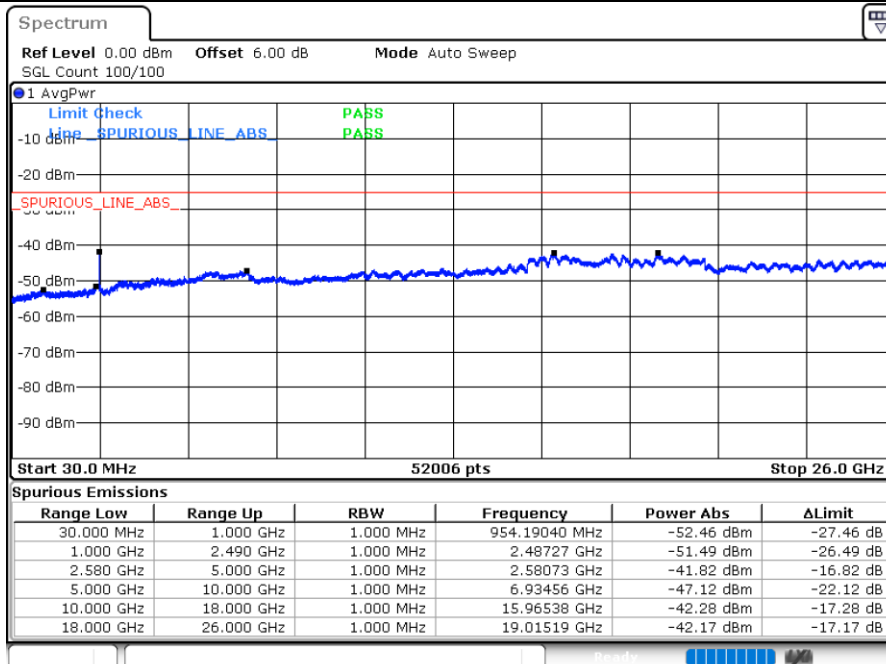


Date: 11.MAY.2024 14:34:39



Date: 11.MAY.2024 14:36:20

Highest Channel / QPSK



Date: 11.MAY.2024 14:40:53



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	0.0009	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0025	
-30	Normal Voltage	0.0016	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0007	

Note:

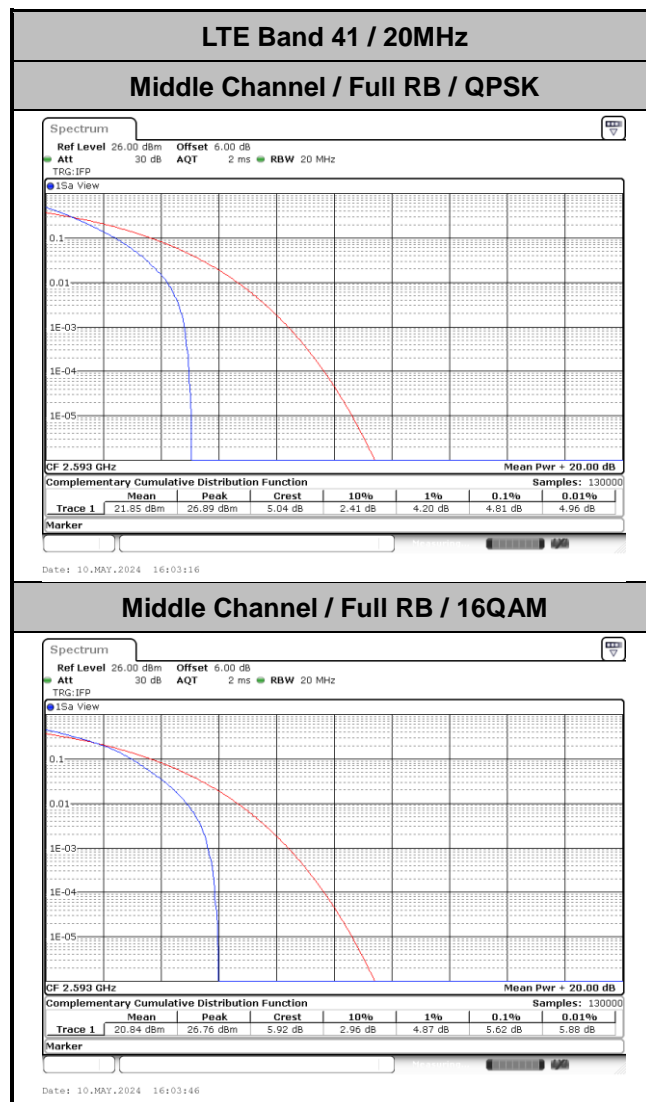
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

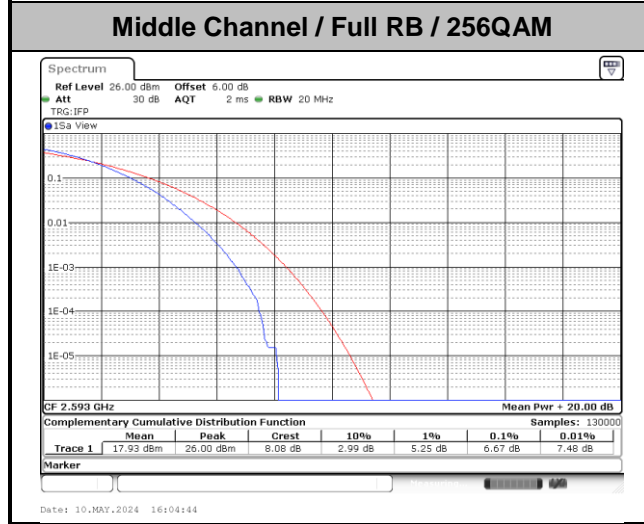
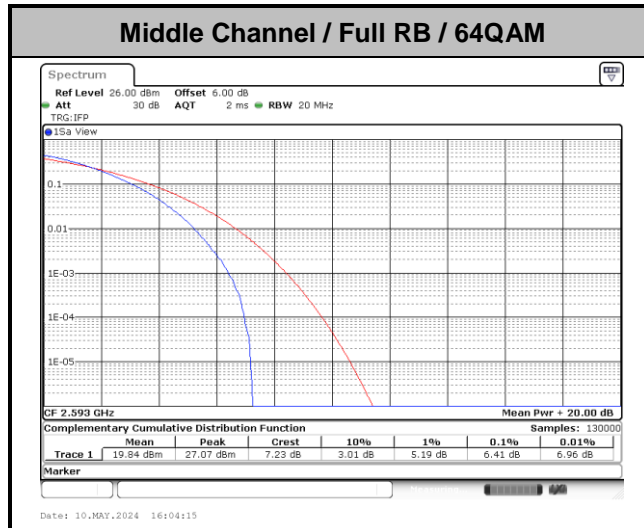


# LTE Band 41

## 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	4.81	5.62	6.41	6.67	PASS



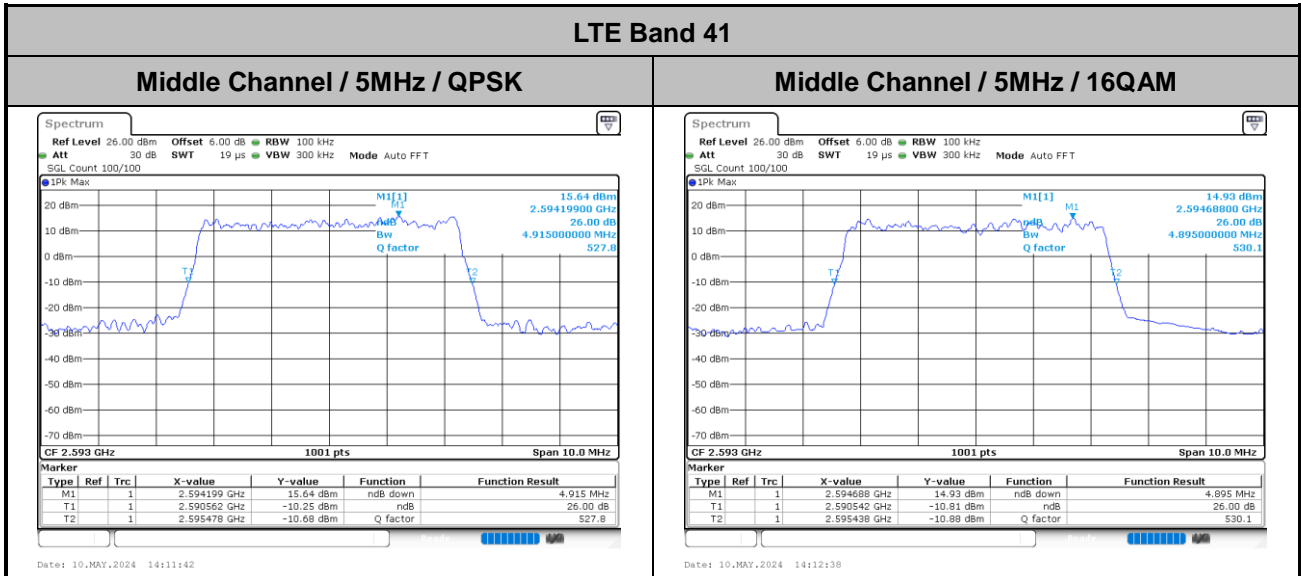






**26dB Bandwidth**

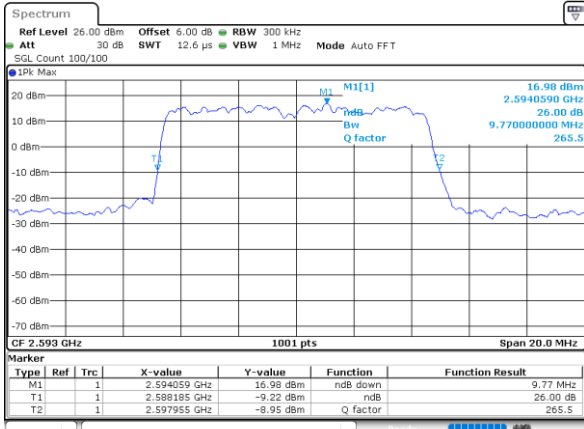
Mode	LTE Band 41 : 26dB BW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.92	4.90
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.77	9.65
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.39	14.15
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.62	18.94





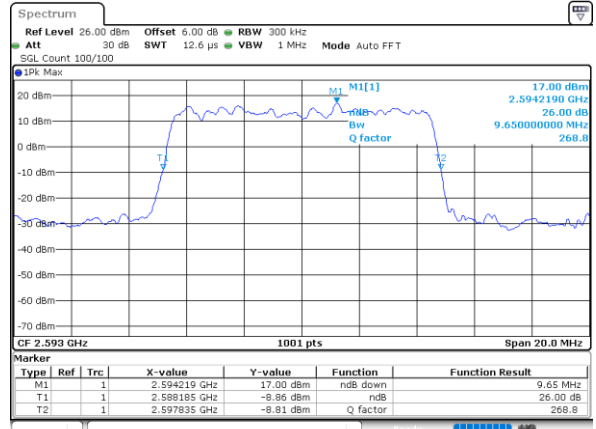
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 10\_MAY\_2024 14:47:55

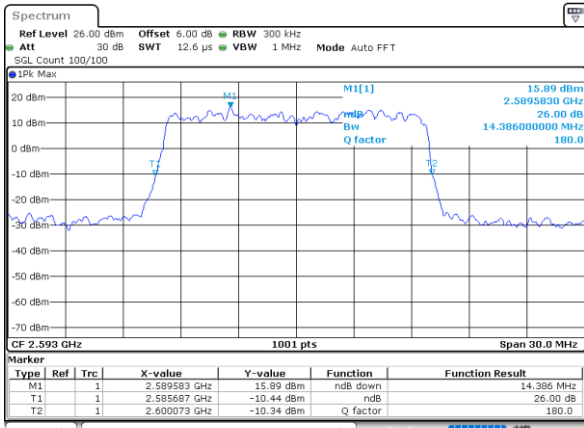
Middle Channel / 10MHz / 16QAM



Date: 10\_MAY\_2024 14:48:50

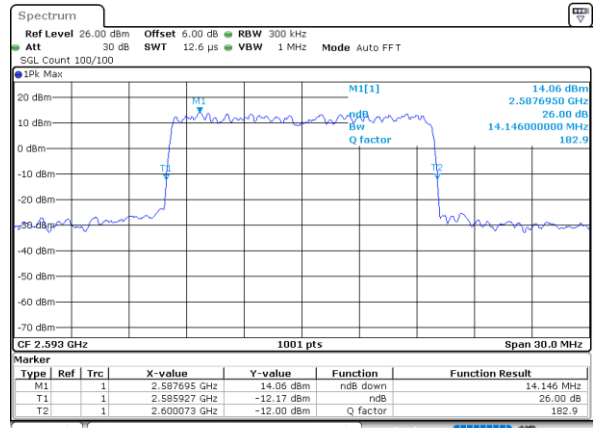
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 10\_MAY\_2024 15:21:42

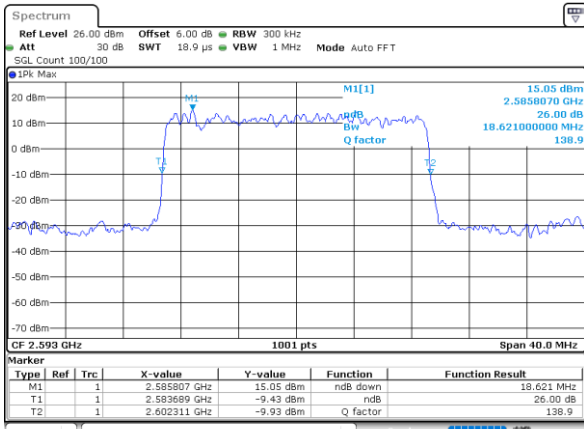
Middle Channel / 15MHz / 16QAM



Date: 10\_MAY\_2024 15:22:17

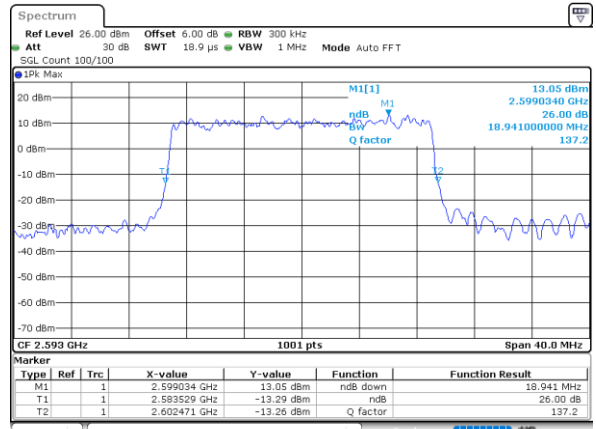
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 10\_MAY\_2024 16:01:52

Middle Channel / 20MHz / 16QAM

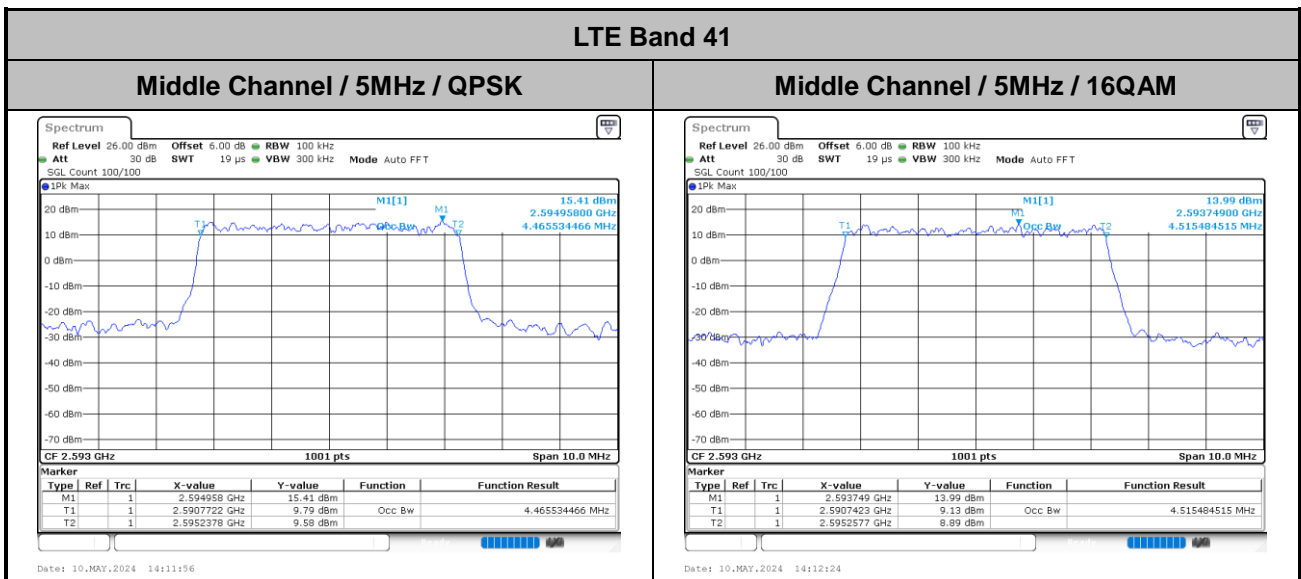


Date: 10\_MAY\_2024 16:02:48



# Occupied Bandwidth

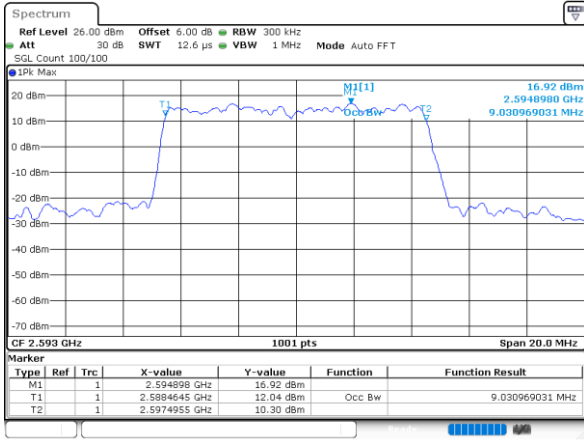
Mode	LTE Band 41 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.47	4.52
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.03	8.99
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.43	13.40
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.90	17.94





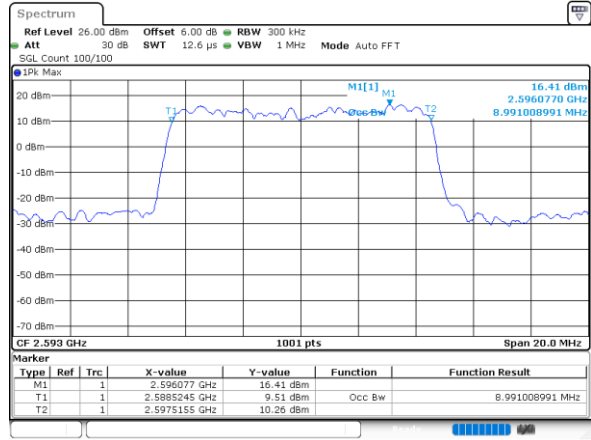
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 10\_MAY.2024 14:48:09

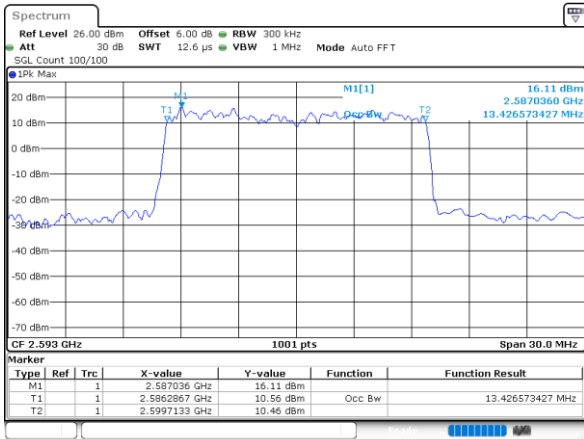
Middle Channel / 10MHz / 16QAM



Date: 10\_MAY.2024 14:48:136

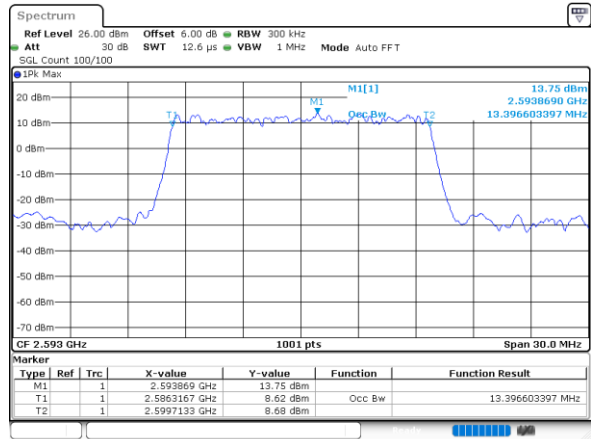
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 10\_MAY.2024 15:21:56

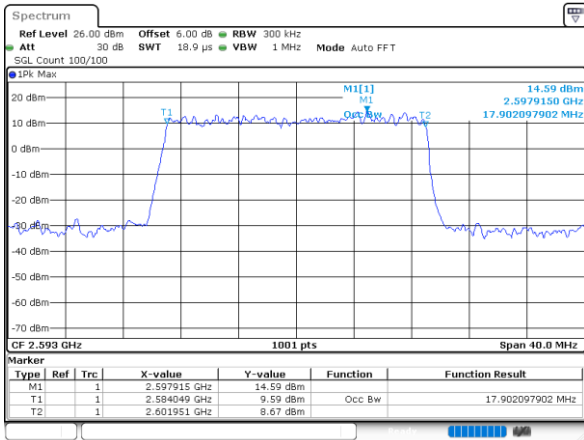
Middle Channel / 15MHz / 16QAM



Date: 10\_MAY.2024 15:22:123

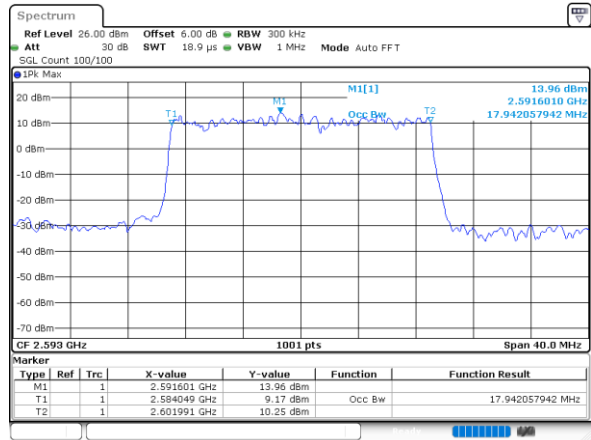
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 10\_MAY.2024 16:02:06

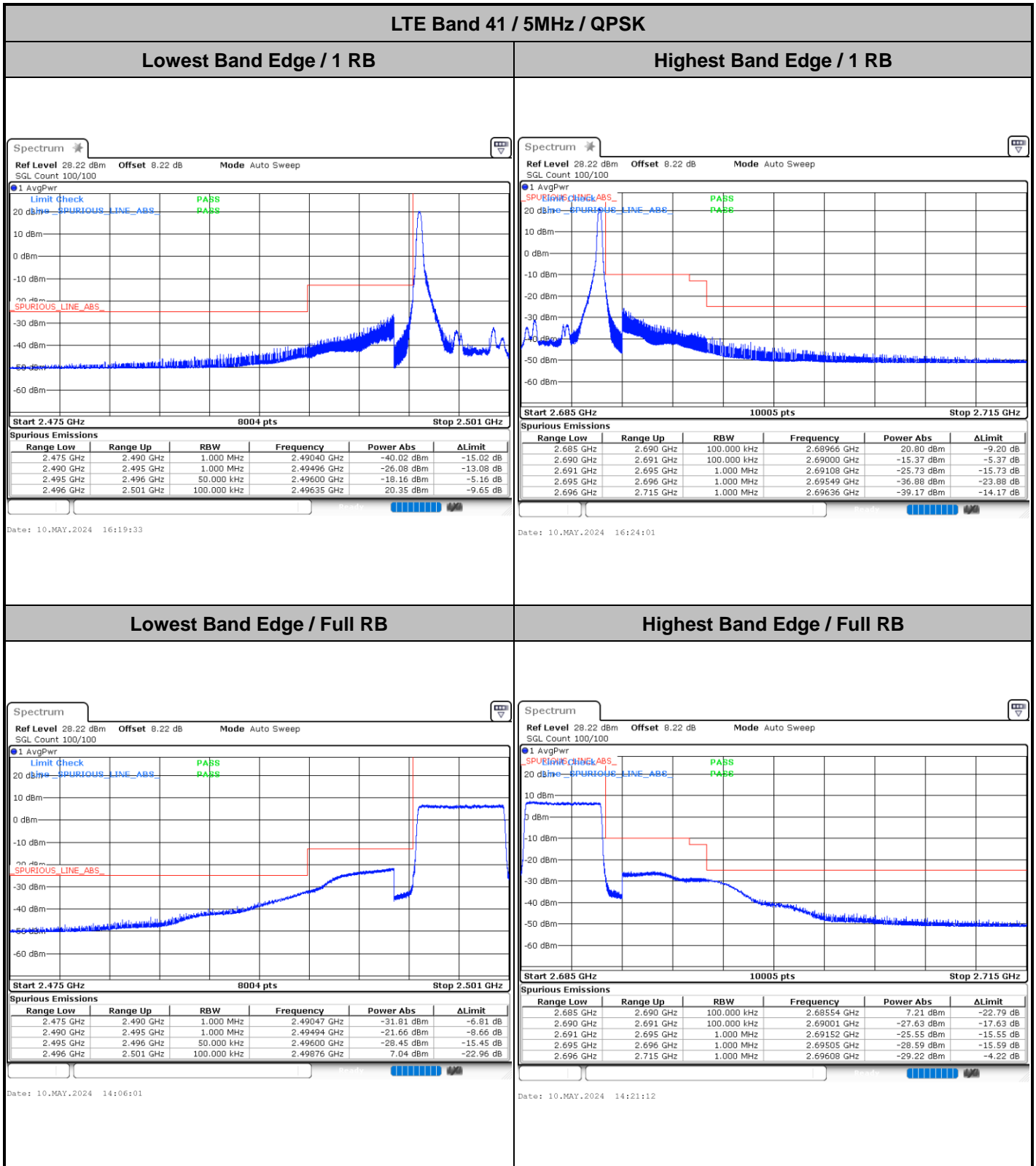
Middle Channel / 20MHz / 16QAM



Date: 10\_MAY.2024 16:02:134



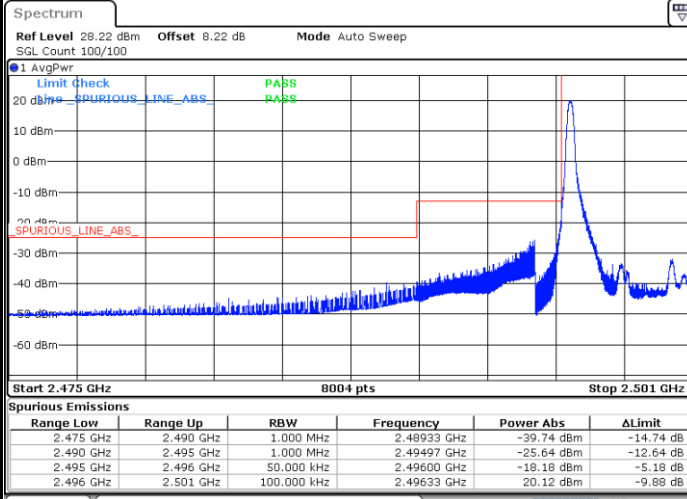
# Conducted Band Edge





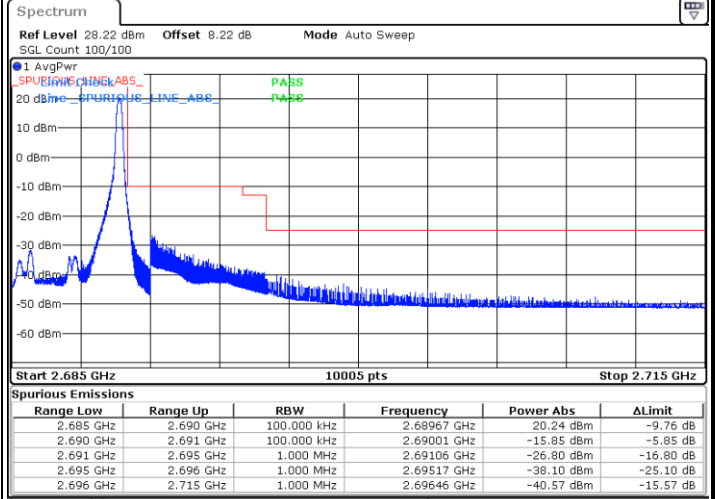
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



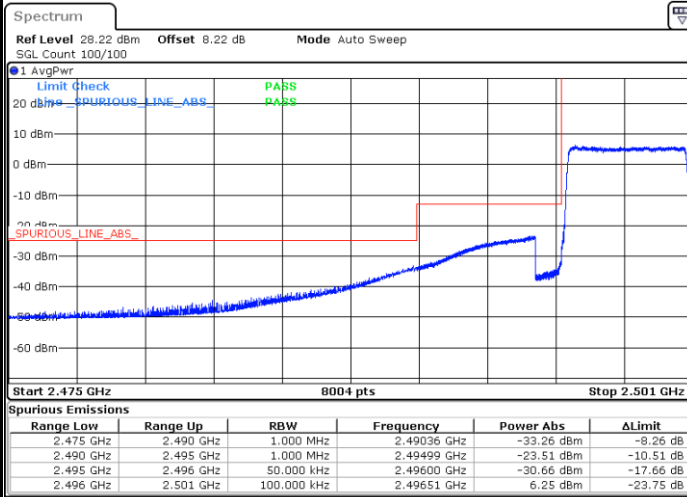
Date: 10.MAY.2024 14:02:12

Highest Band Edge / 1 RB



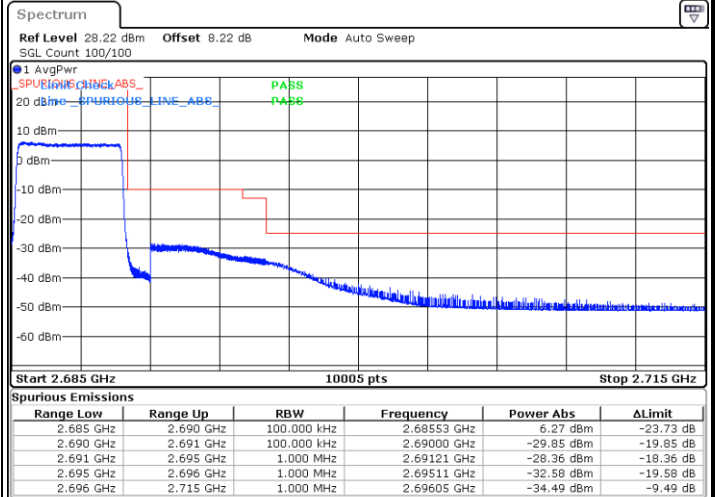
Date: 10.MAY.2024 16:21:17

Lowest Band Edge / Full RB



Date: 10.MAY.2024 14:07:15

Highest Band Edge / Full RB

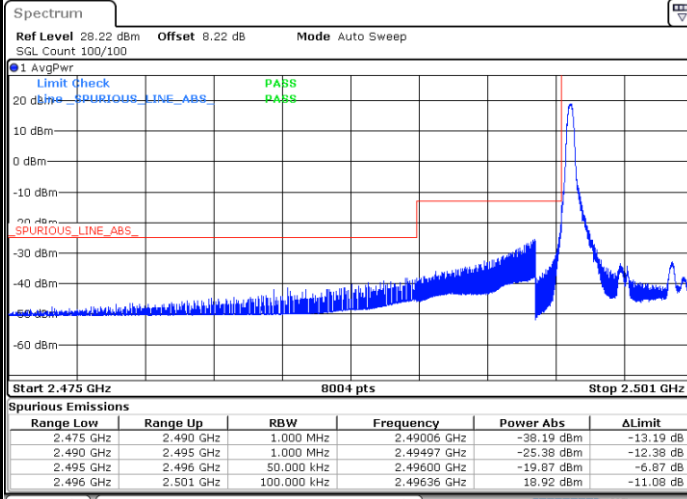


Date: 10.MAY.2024 14:22:25



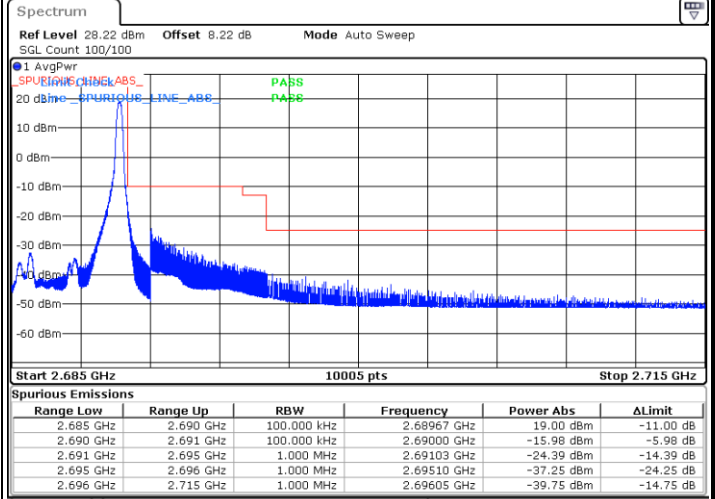
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



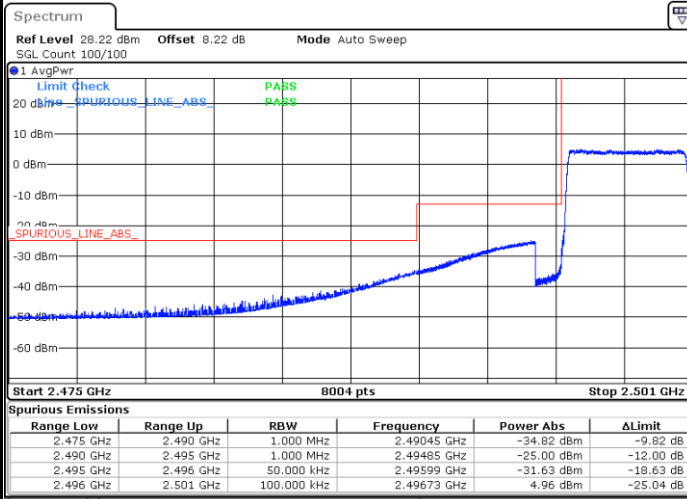
Date: 10.MAY.2024 14:03:31

Highest Band Edge / 1 RB



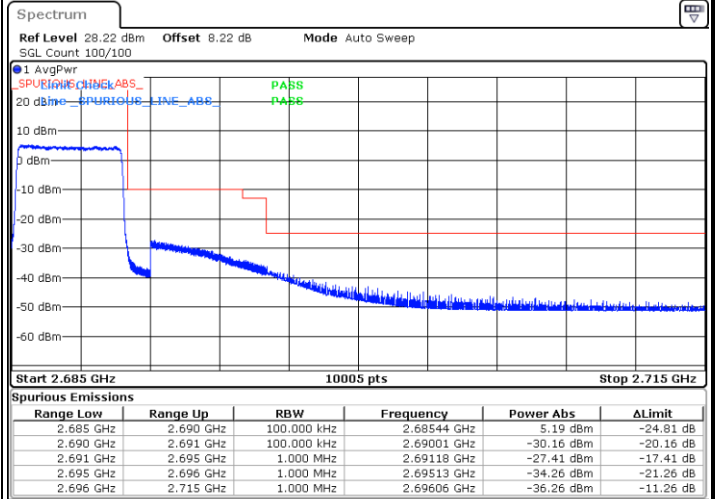
Date: 10.MAY.2024 14:18:25

Lowest Band Edge / Full RB



Date: 10.MAY.2024 14:08:28

Highest Band Edge / Full RB

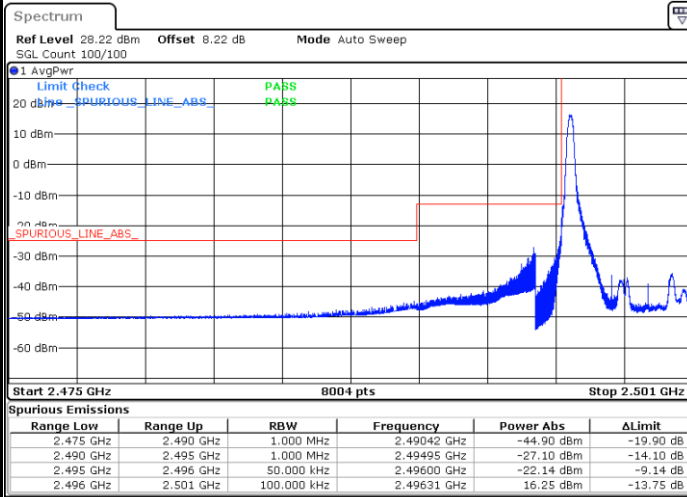


Date: 10.MAY.2024 14:23:38



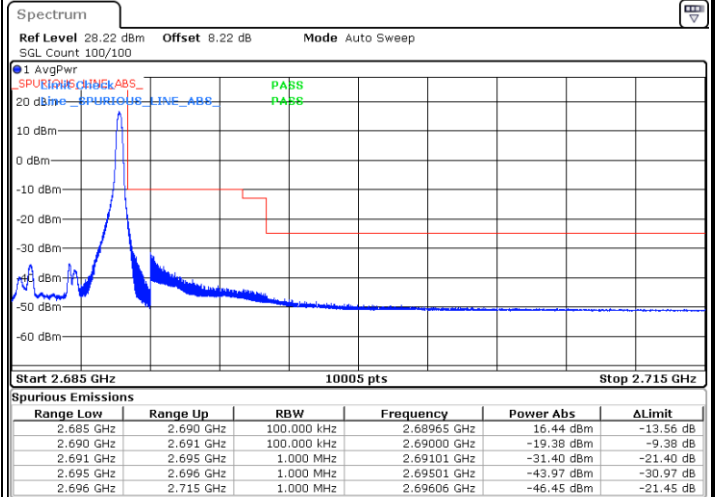
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



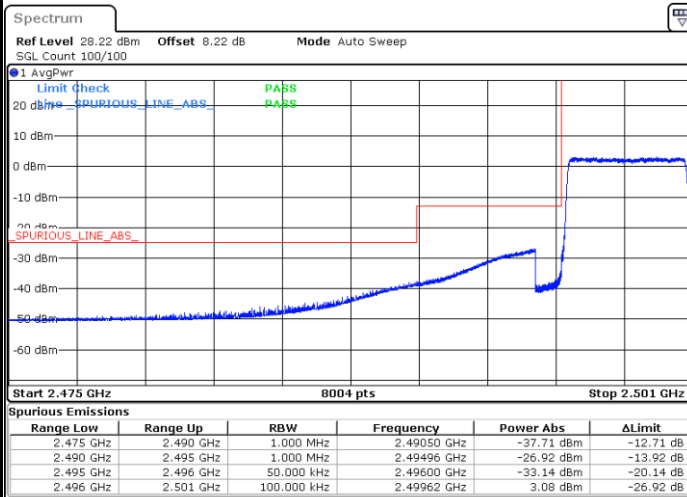
Date: 10.MAY.2024 14:04:48

Highest Band Edge / 1 RB



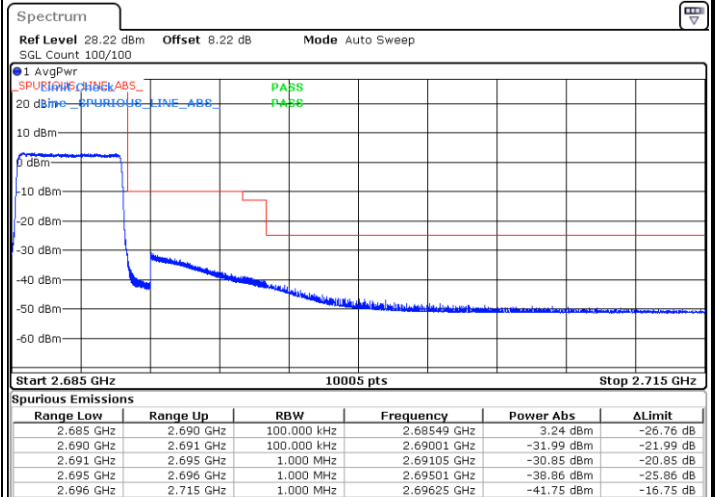
Date: 10.MAY.2024 14:19:55

Lowest Band Edge / Full RB



Date: 10.MAY.2024 14:09:42

Highest Band Edge / Full RB



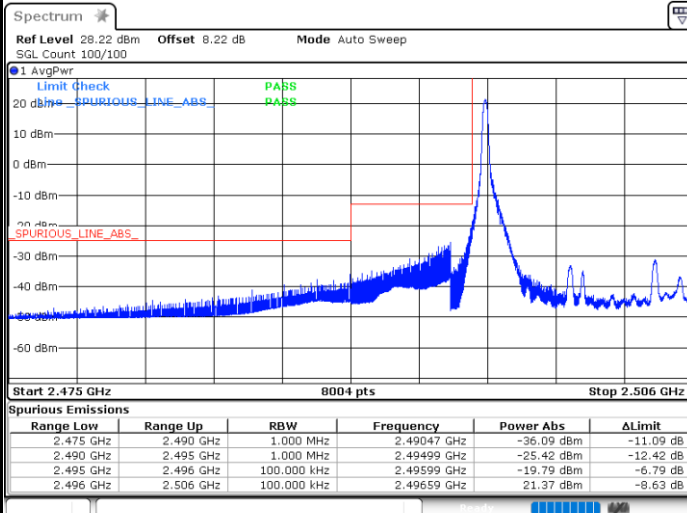
Date: 10.MAY.2024 14:24:51





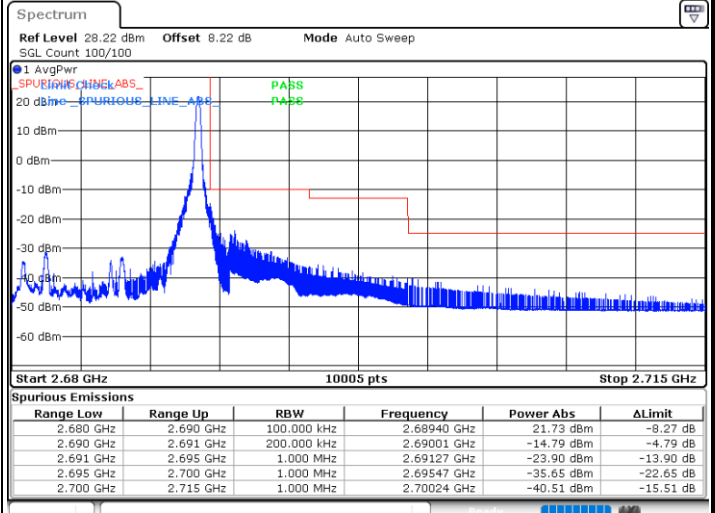
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



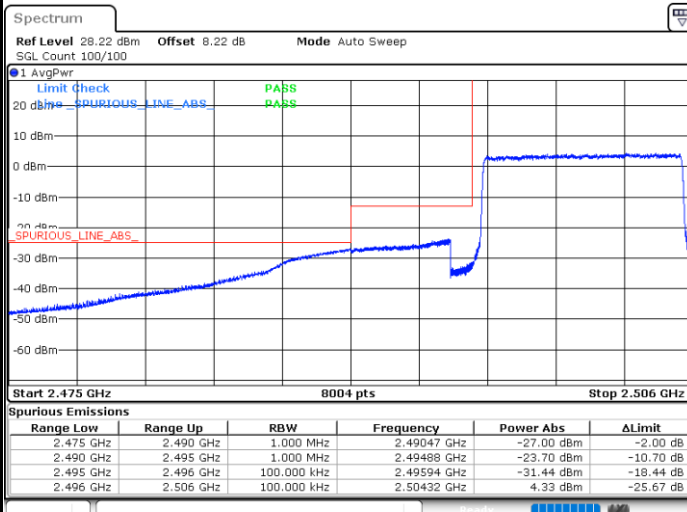
Date: 10.MAY.2024 16:12:20

Highest Band Edge / 1 RB



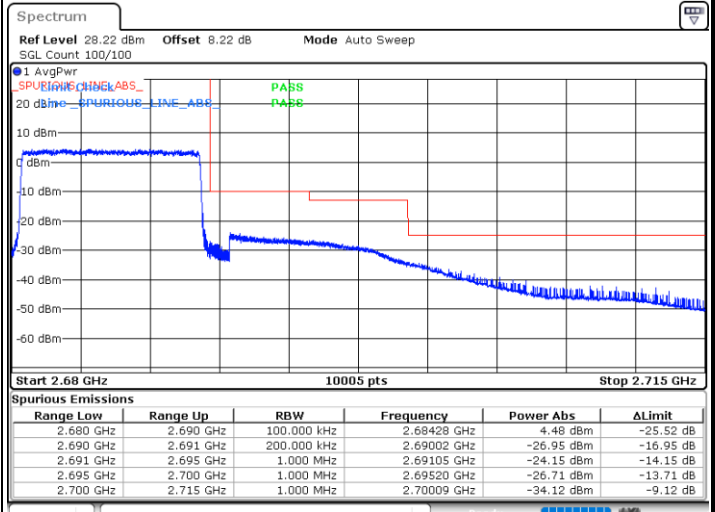
Date: 10.MAY.2024 14:51:38

Lowest Band Edge / Full RB



Date: 10.MAY.2024 14:42:14

Highest Band Edge / Full RB

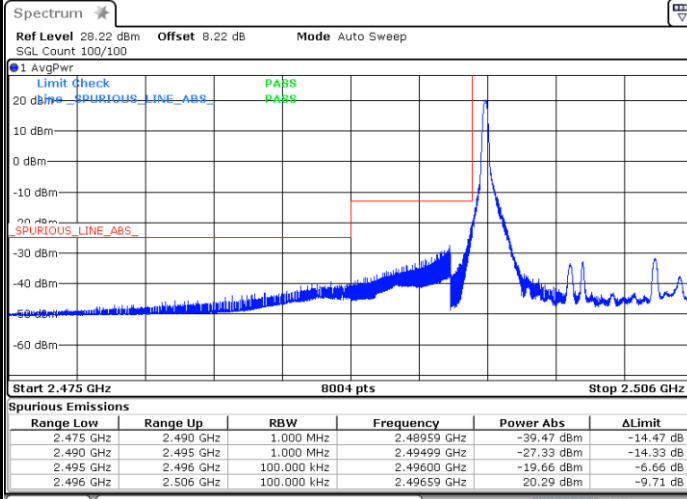


Date: 10.MAY.2024 15:00:17



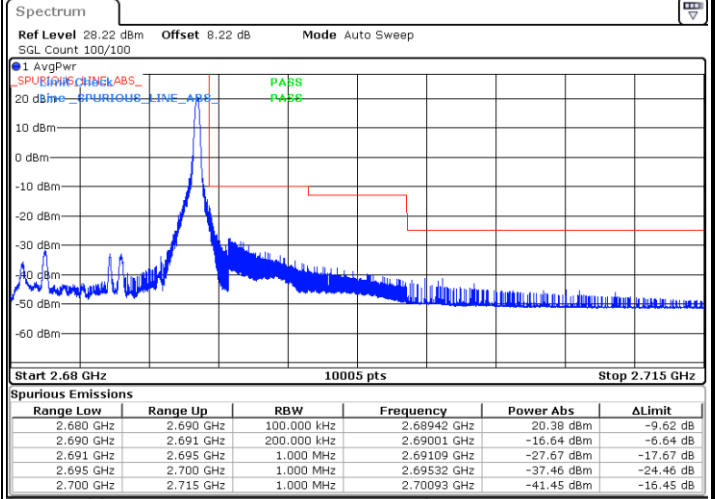
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



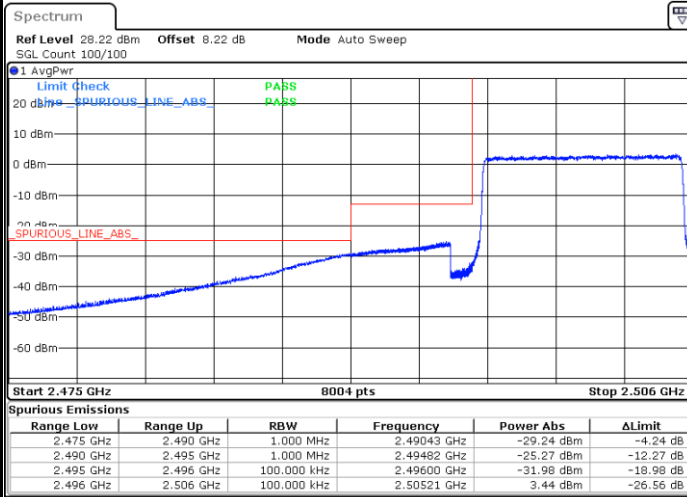
Date: 10.MAY.2024 14:38:34

Highest Band Edge / 1 RB



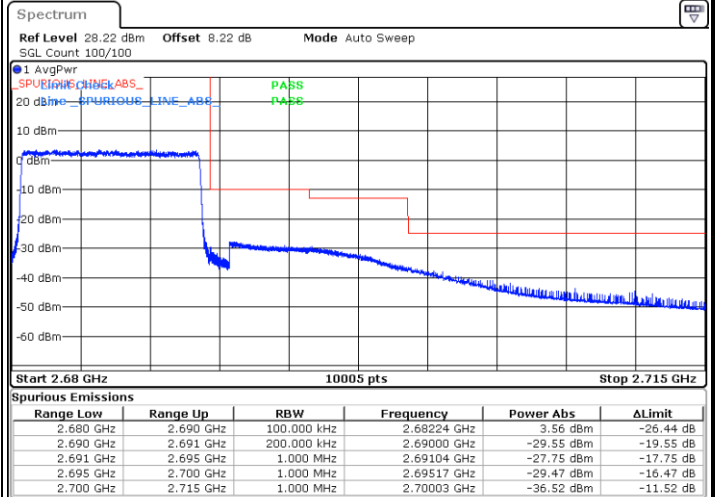
Date: 10.MAY.2024 14:56:38

Lowest Band Edge / Full RB



Date: 10.MAY.2024 14:43:28

Highest Band Edge / Full RB

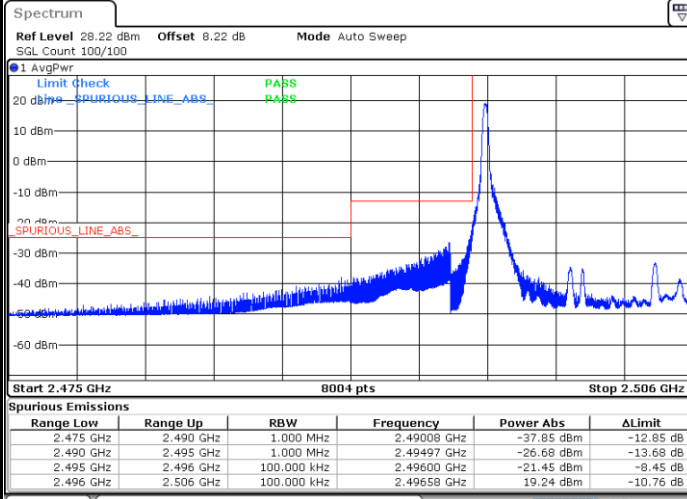


Date: 10.MAY.2024 15:01:30



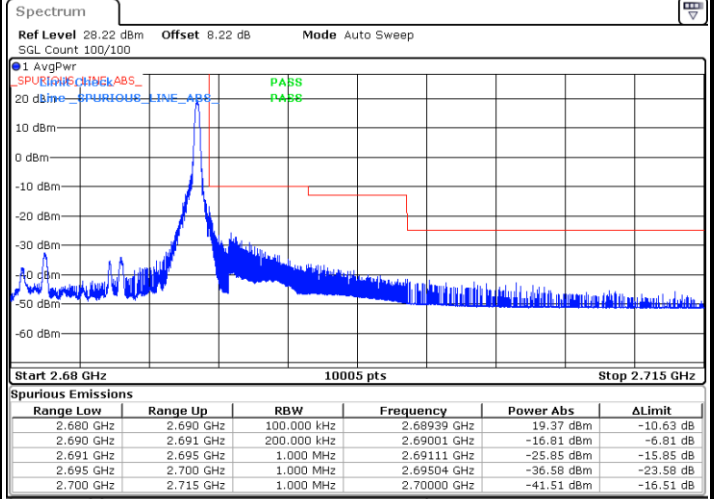
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



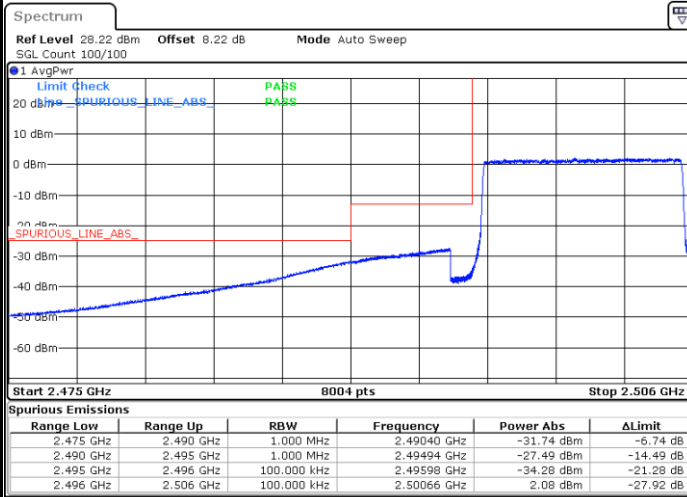
Date: 10.MAY.2024 14:39:47

Highest Band Edge / 1 RB



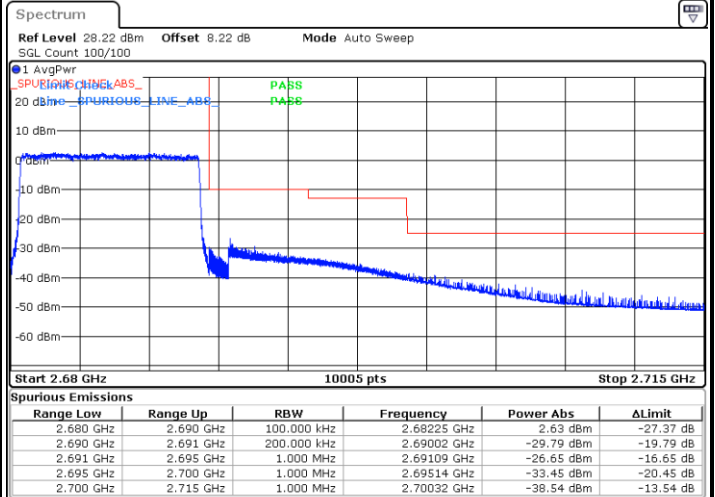
Date: 10.MAY.2024 14:57:51

Lowest Band Edge / Full RB



Date: 10.MAY.2024 14:44:41

Highest Band Edge / Full RB

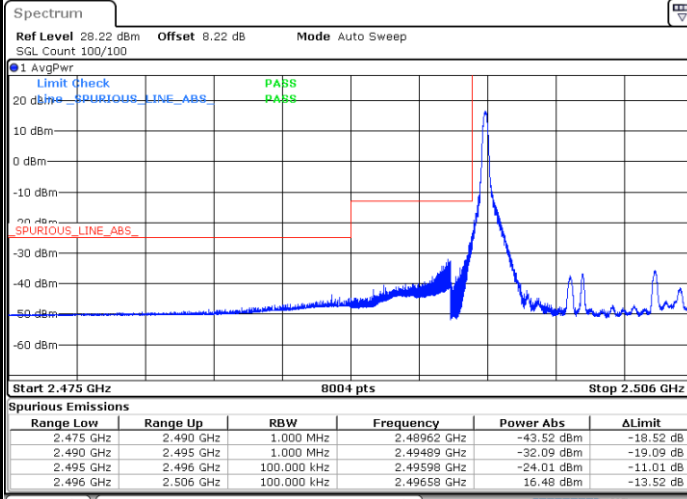


Date: 10.MAY.2024 15:02:43



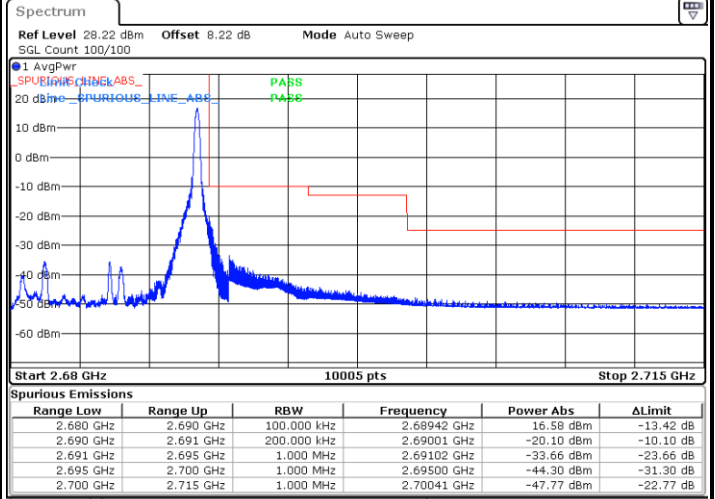
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB



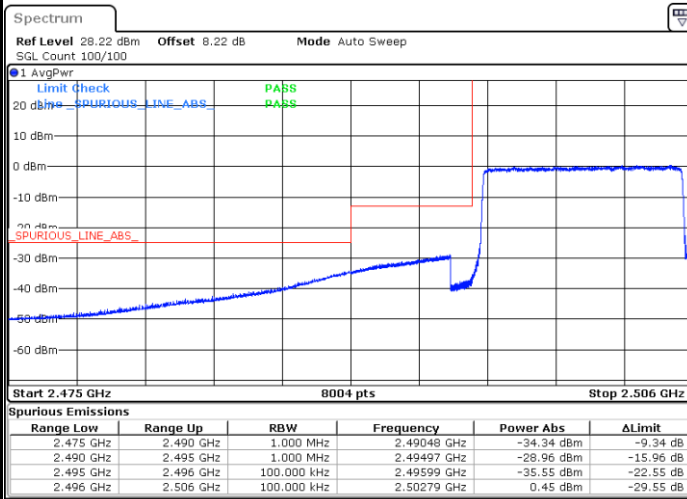
Date: 10.MAY.2024 14:41:01

Highest Band Edge / 1 RB



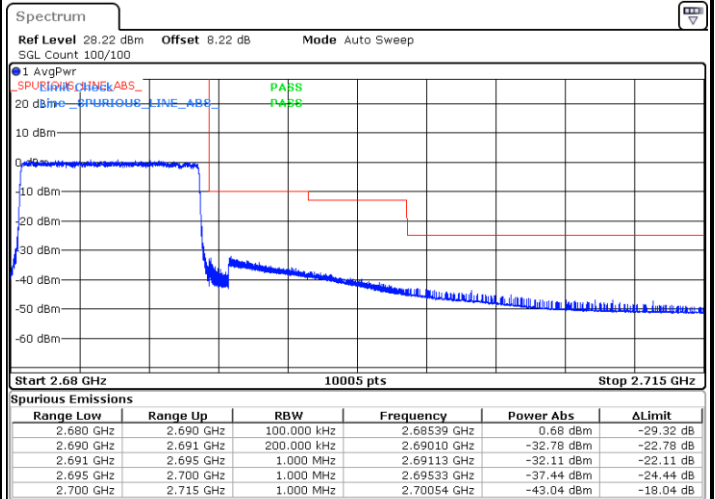
Date: 10.MAY.2024 14:59:04

Lowest Band Edge / Full RB



Date: 10.MAY.2024 14:45:54

Highest Band Edge / Full RB

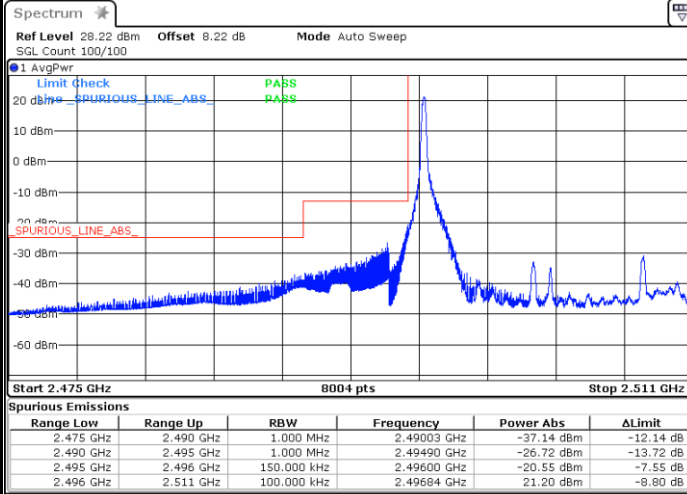


Date: 10.MAY.2024 15:03:56



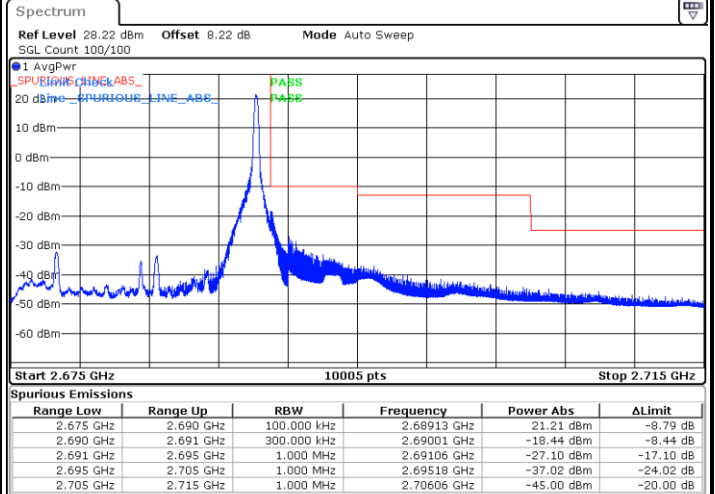
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



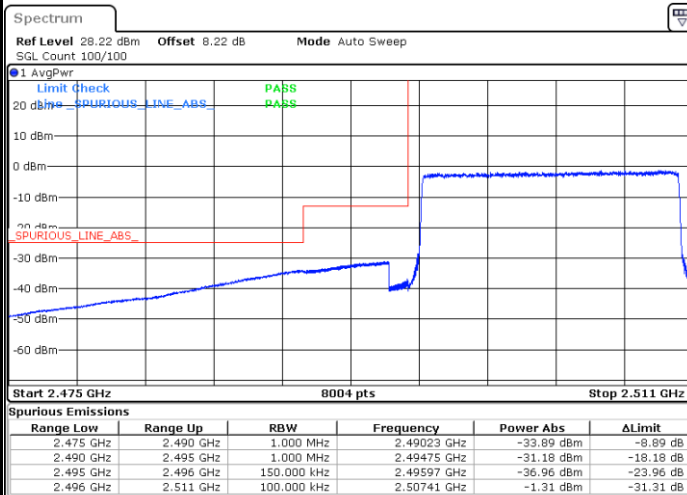
Date: 10.MAY.2024 15:11:08

Highest Band Edge / 1 RB



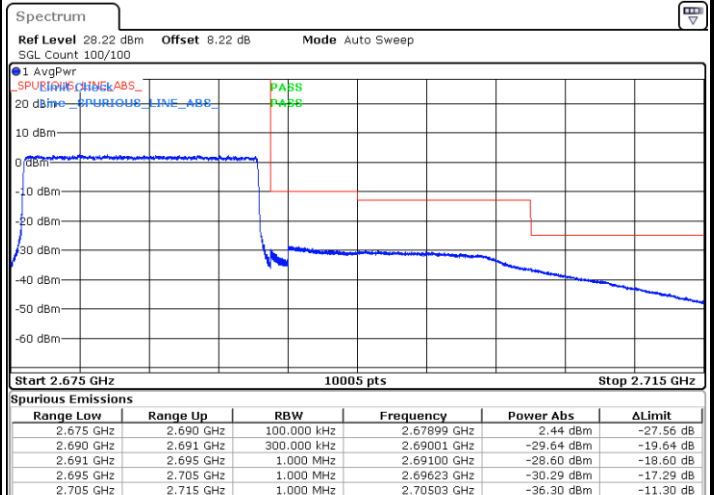
Date: 10.MAY.2024 15:25:25

Lowest Band Edge / Full RB



Date: 10.MAY.2024 15:19:41

Highest Band Edge / Full RB

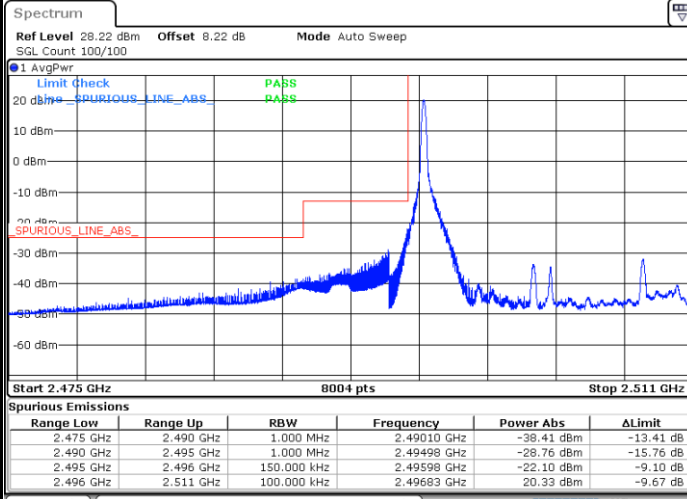


Date: 10.MAY.2024 15:30:24



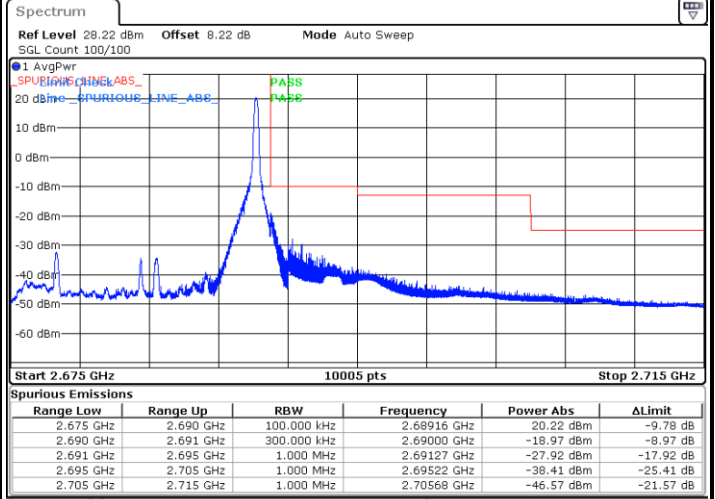
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



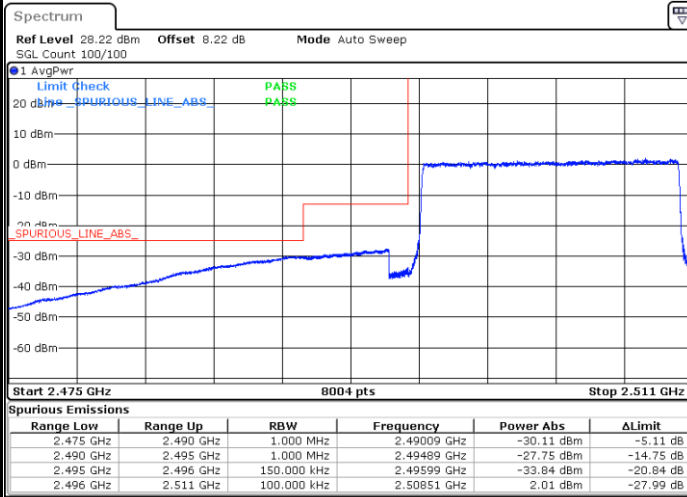
Date: 10.MAY.2024 15:12:22

Highest Band Edge / 1 RB



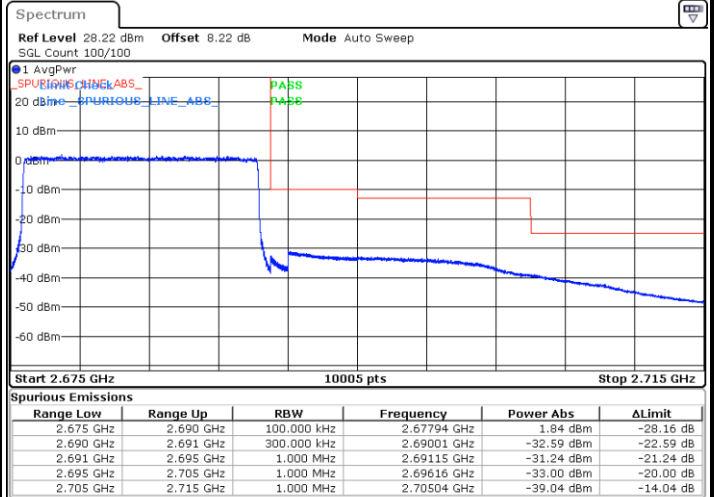
Date: 10.MAY.2024 15:26:42

Lowest Band Edge / Full RB



Date: 10.MAY.2024 15:17:15

Highest Band Edge / Full RB

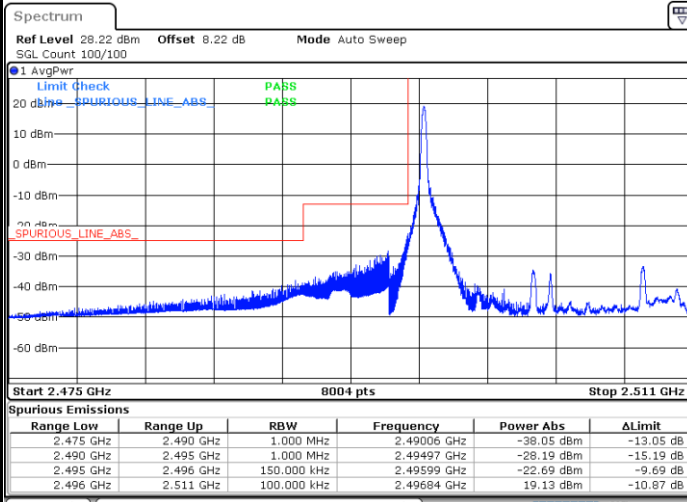


Date: 10.MAY.2024 15:31:37



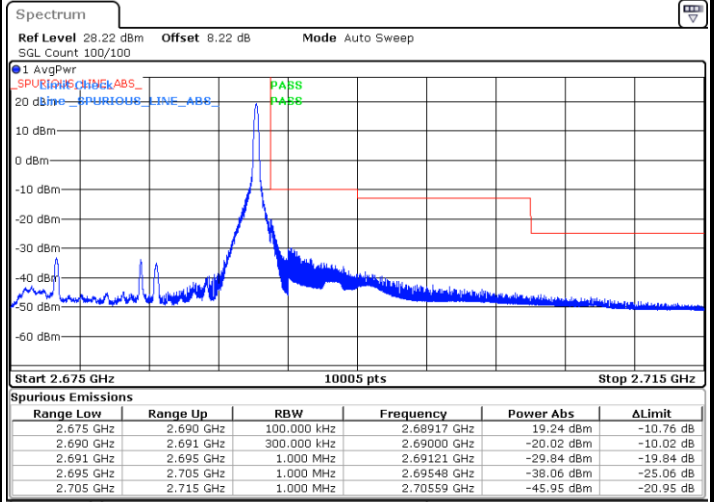
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



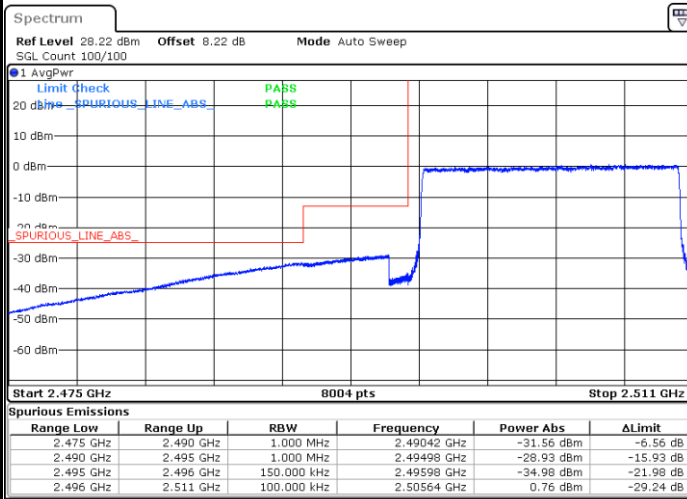
Date: 10.MAY.2024 15:13:35

Highest Band Edge / 1 RB



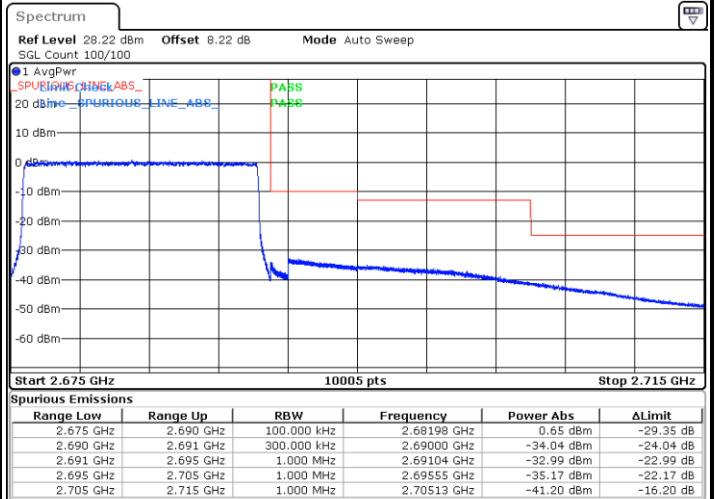
Date: 10.MAY.2024 15:27:58

Lowest Band Edge / Full RB



Date: 10.MAY.2024 15:18:28

Highest Band Edge / Full RB

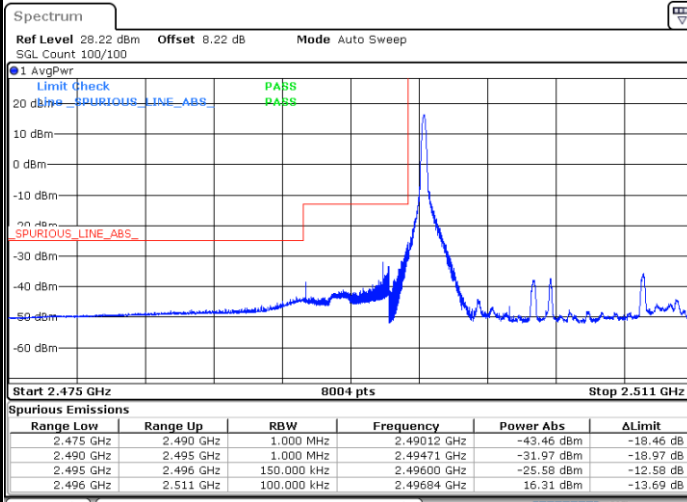


Date: 10.MAY.2024 15:32:50



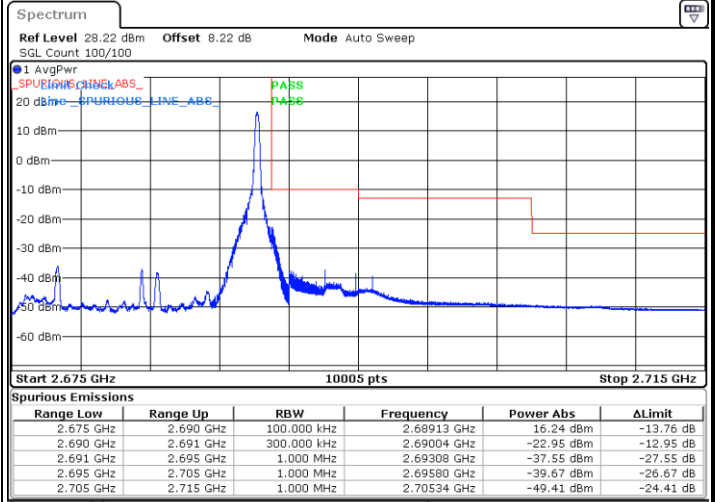
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB



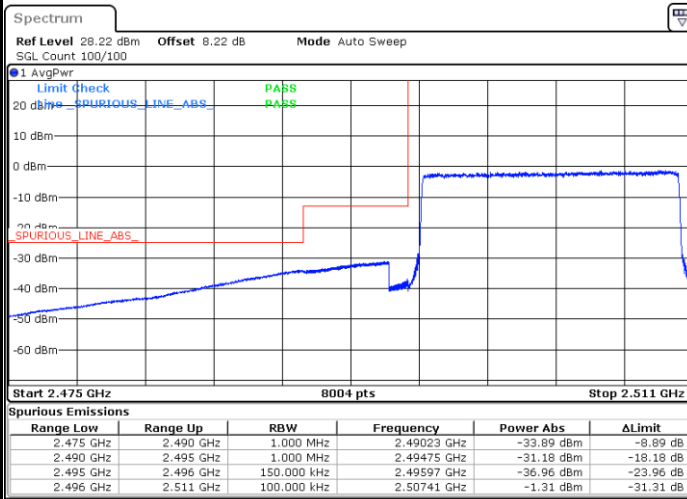
Date: 10.MAY.2024 15:14:48

Highest Band Edge / 1 RB



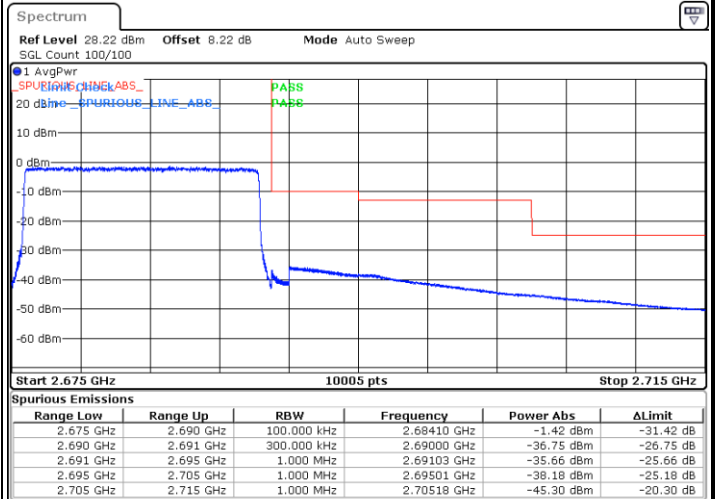
Date: 10.MAY.2024 15:29:11

Lowest Band Edge / Full RB



Date: 10.MAY.2024 15:19:41

Highest Band Edge / Full RB



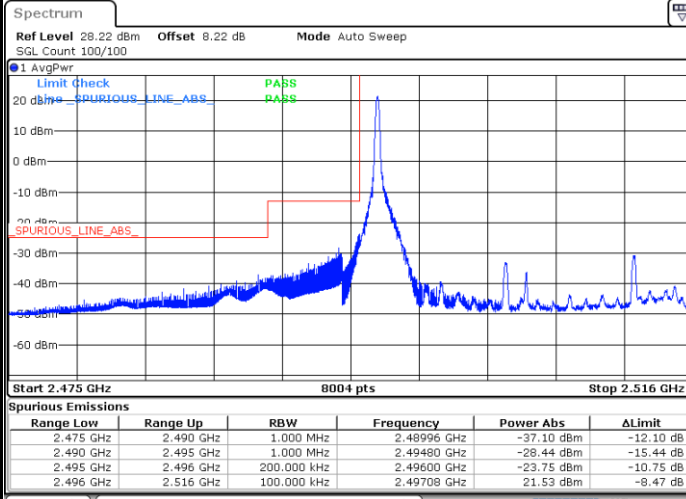
Date: 10.MAY.2024 15:34:03





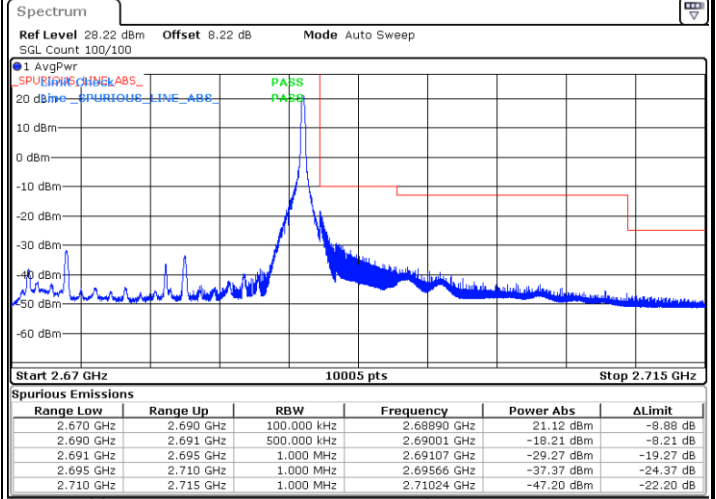
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



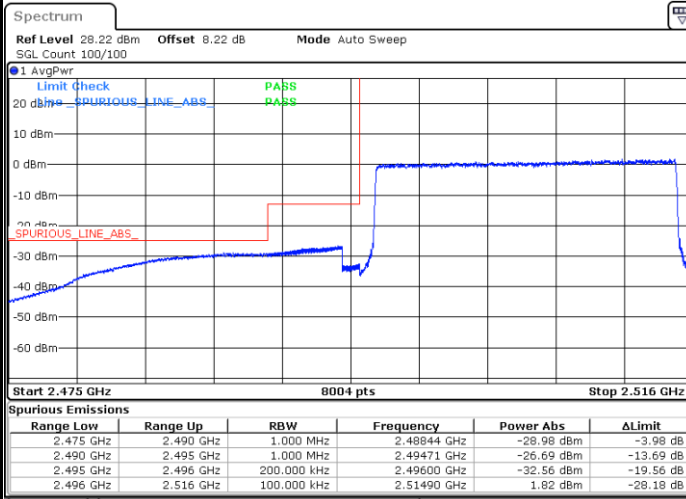
Date: 10.MAY.2024 16:07:15

Highest Band Edge / 1 RB



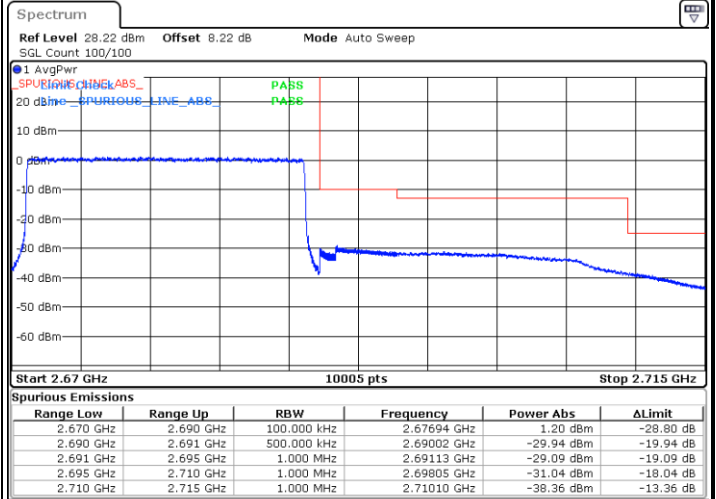
Date: 10.MAY.2024 15:52:47

Lowest Band Edge / Full RB



Date: 10.MAY.2024 15:44:47

Highest Band Edge / Full RB

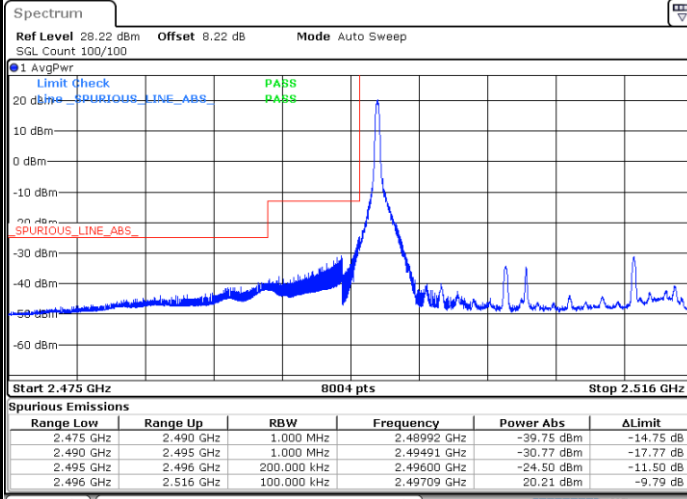


Date: 10.MAY.2024 15:57:44



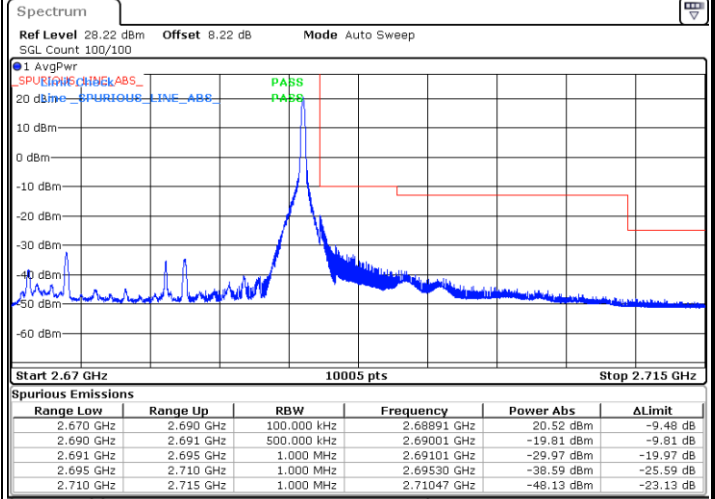
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



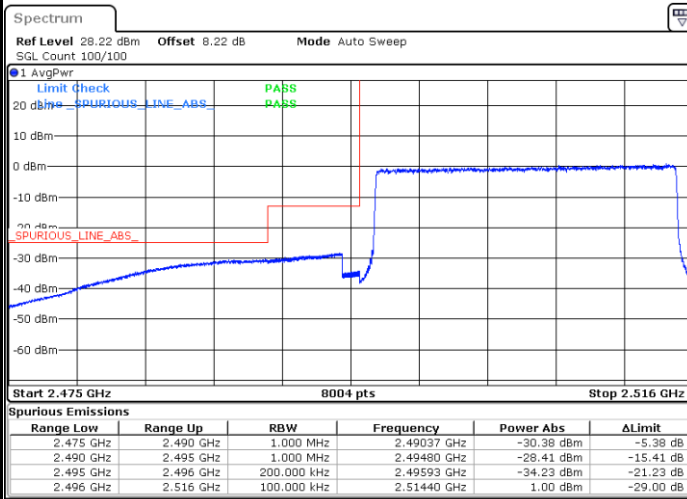
Date: 10.MAY.2024 15:41:08

Highest Band Edge / 1 RB



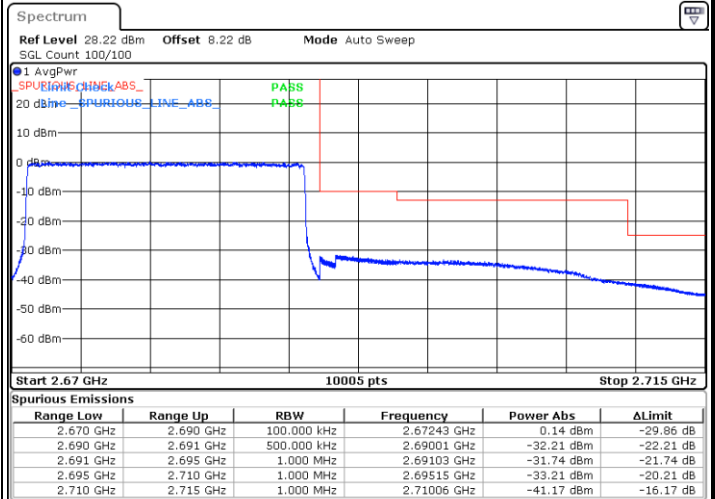
Date: 10.MAY.2024 15:54:04

Lowest Band Edge / Full RB



Date: 10.MAY.2024 15:46:01

Highest Band Edge / Full RB

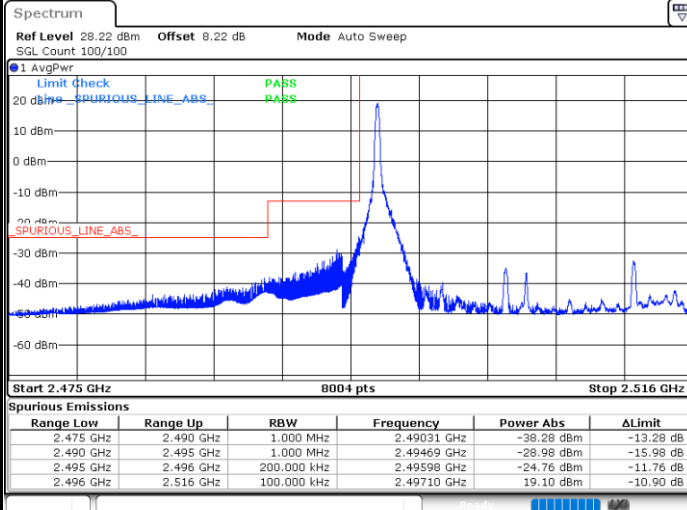


Date: 10.MAY.2024 15:58:57



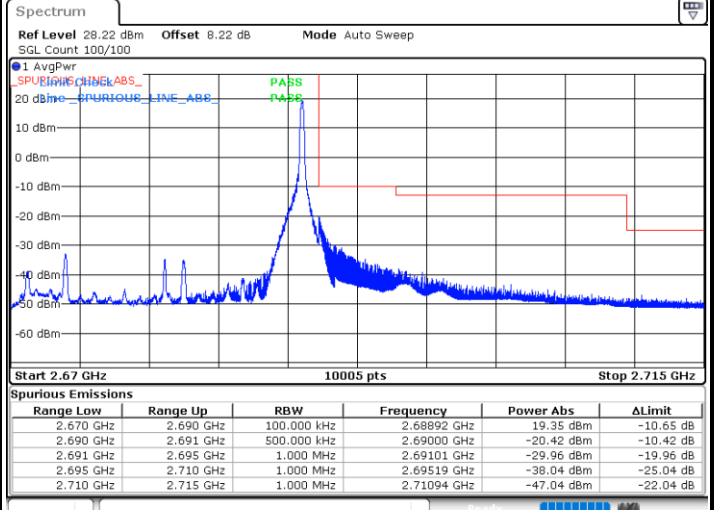
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



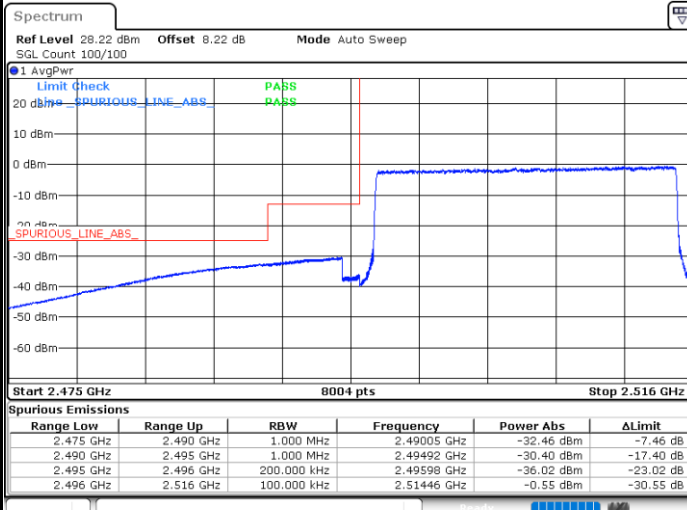
Date: 10.MAY.2024 15:42:21

Highest Band Edge / 1 RB



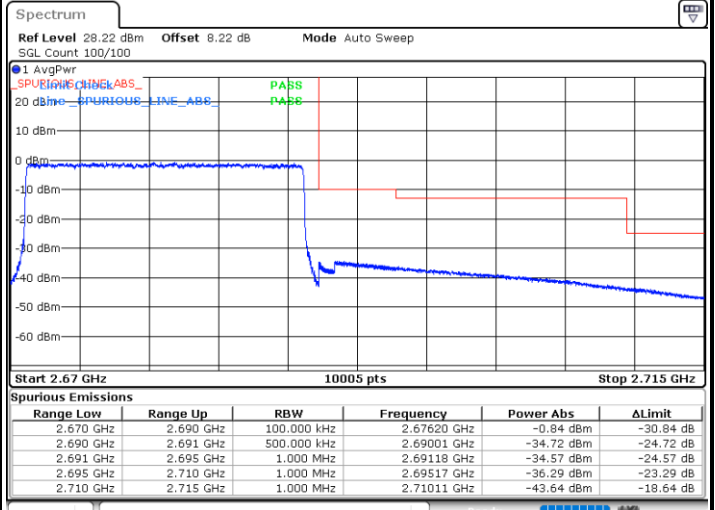
Date: 10.MAY.2024 15:55:17

Lowest Band Edge / Full RB



Date: 10.MAY.2024 15:47:14

Highest Band Edge / Full RB



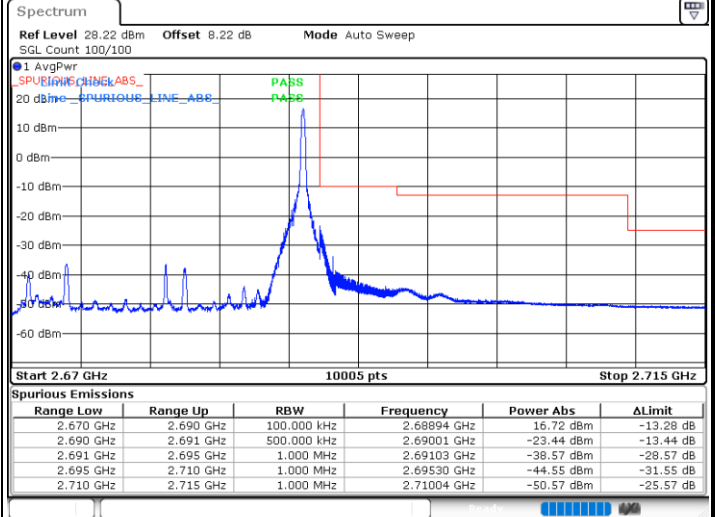
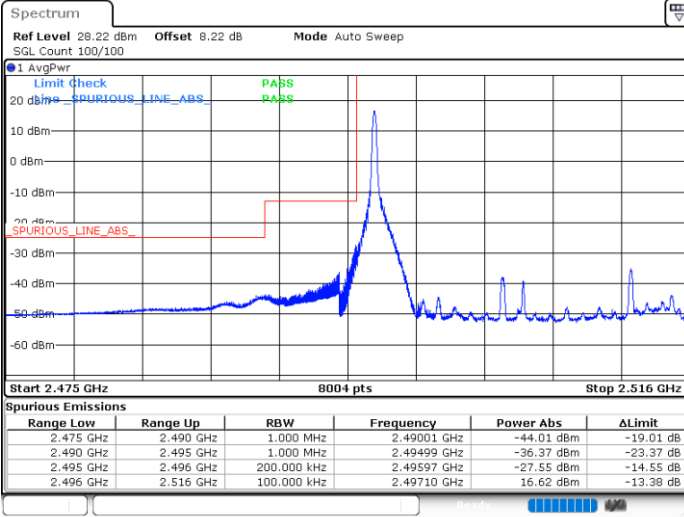
Date: 10.MAY.2024 16:00:10



LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

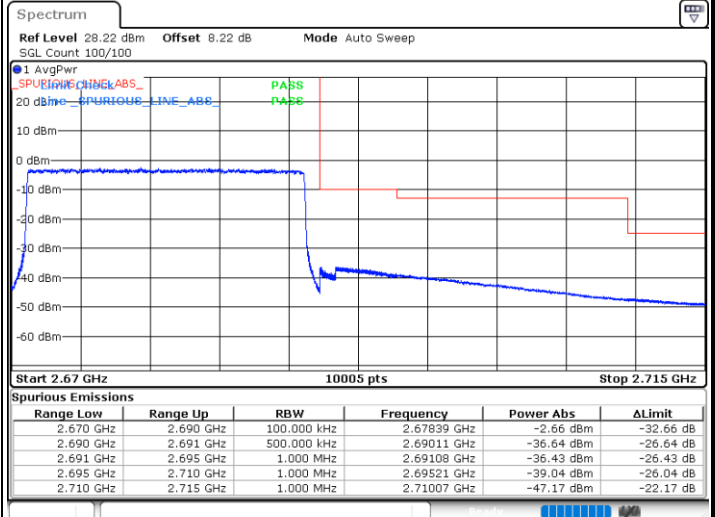
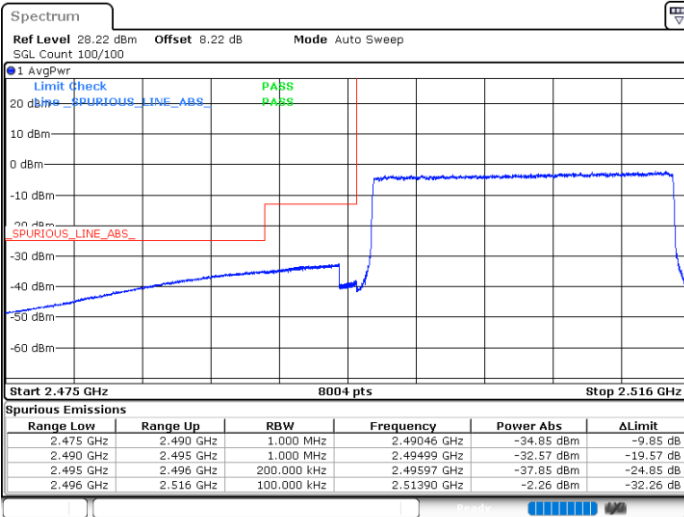


Date: 10.MAY.2024 15:43:34

Date: 10.MAY.2024 15:56:30

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.MAY.2024 15:48:27

Date: 10.MAY.2024 16:01:23



# Conducted Spurious Emission

