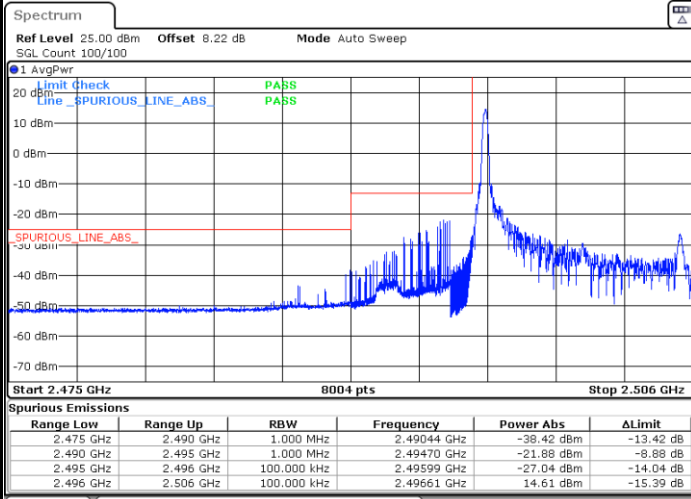




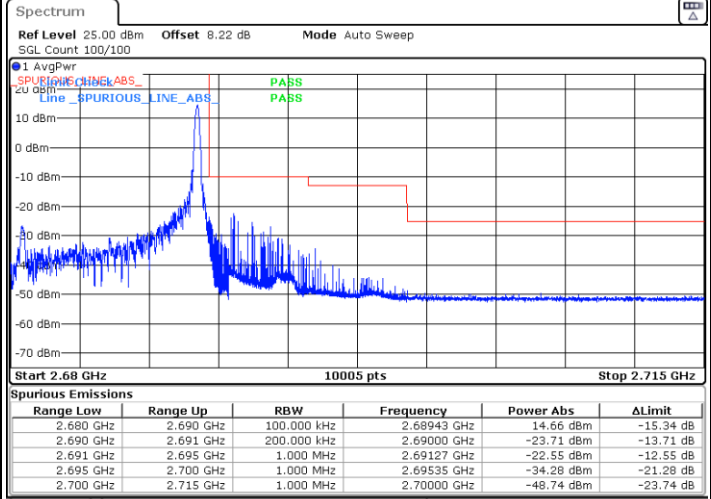
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB



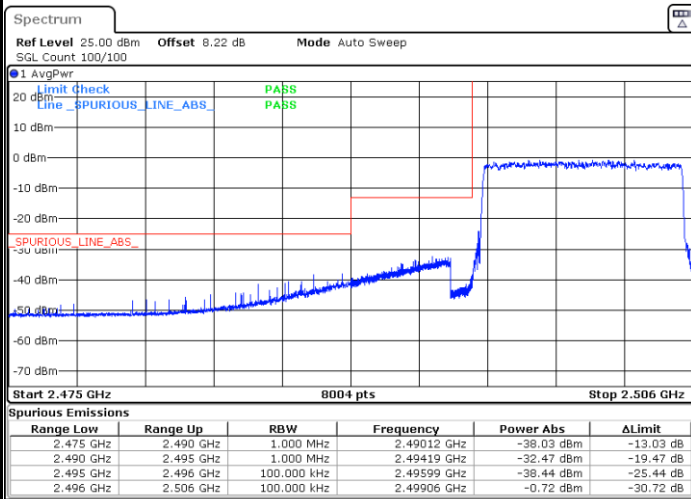
Date: 6.MAY.2024 21:03:13

Highest Band Edge / 1 RB



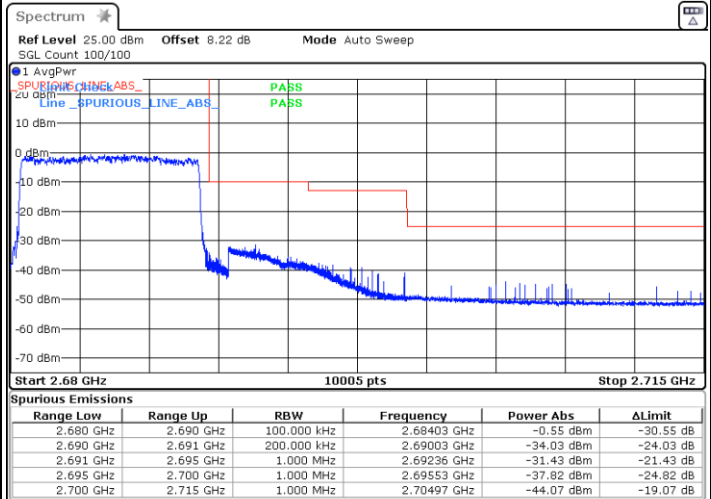
Date: 6.MAY.2024 21:49:15

Lowest Band Edge / Full RB



Date: 6.MAY.2024 21:44:46

Highest Band Edge / Full RB

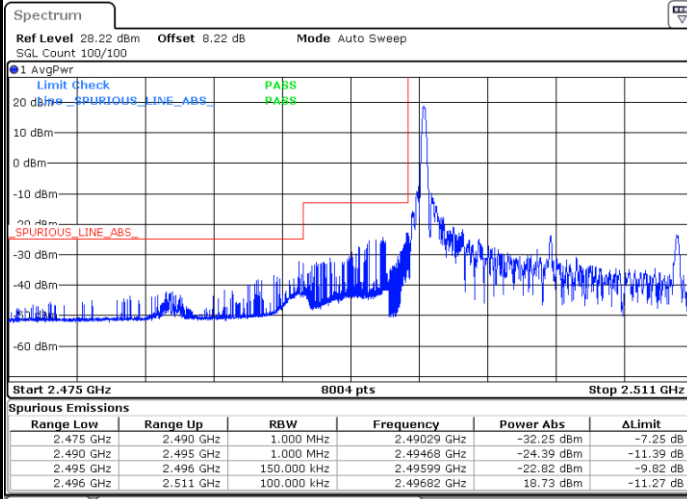


Date: 6.MAY.2024 21:45:56



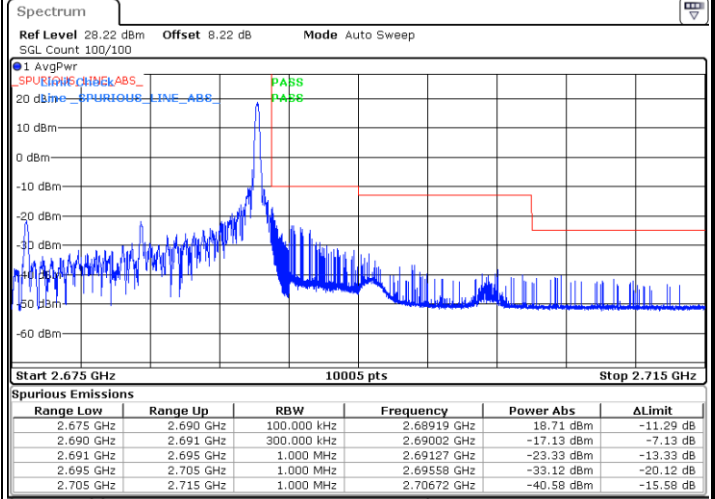
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



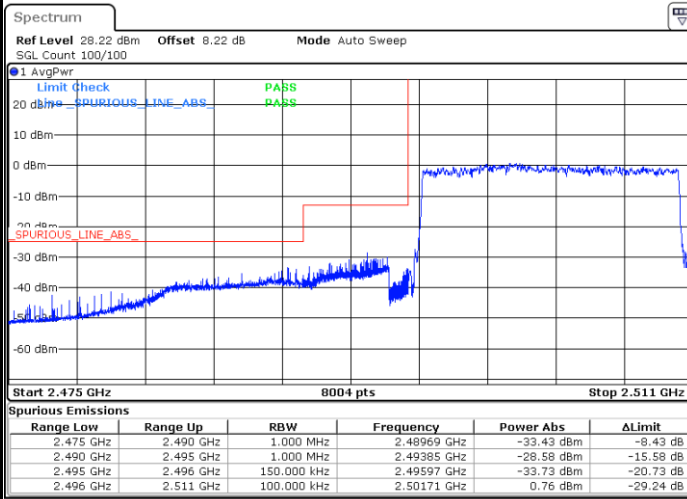
Date: 1.MAY.2024 00:08:00

Highest Band Edge / 1 RB



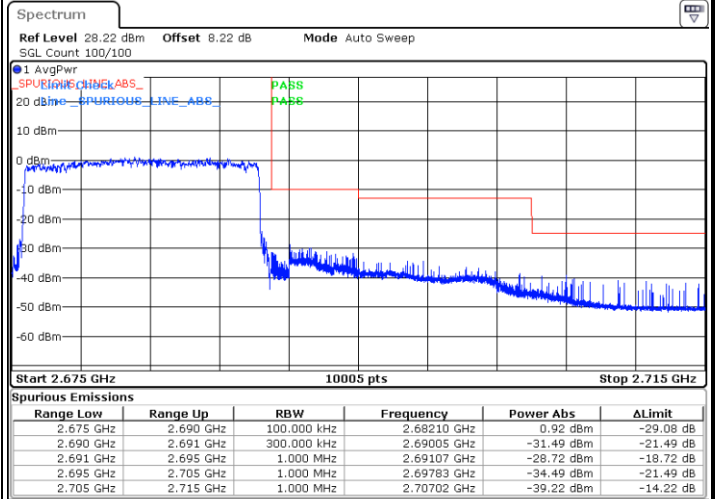
Date: 1.MAY.2024 00:16:49

Lowest Band Edge / Full RB



Date: 1.MAY.2024 00:11:59

Highest Band Edge / Full RB

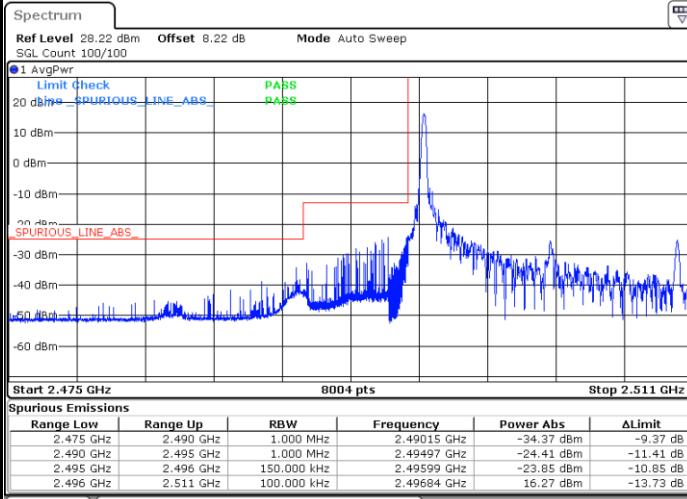


Date: 1.MAY.2024 00:20:35



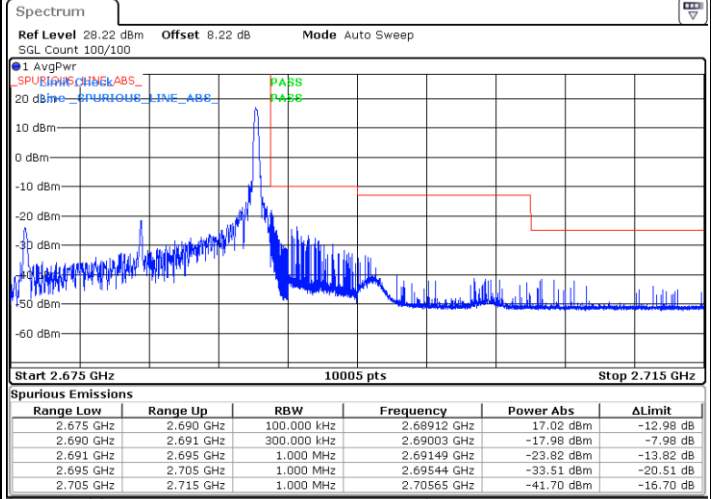
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



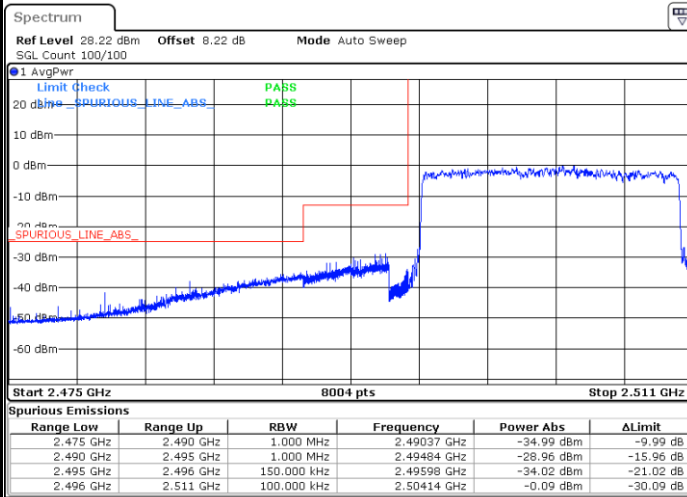
Date: 1.MAY.2024 00:08:48

Highest Band Edge / 1 RB



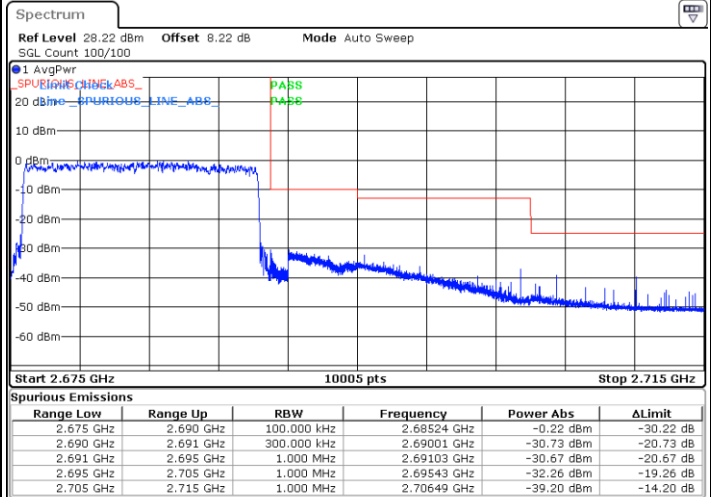
Date: 1.MAY.2024 00:17:34

Lowest Band Edge / Full RB



Date: 1.MAY.2024 00:11:11

Highest Band Edge / Full RB

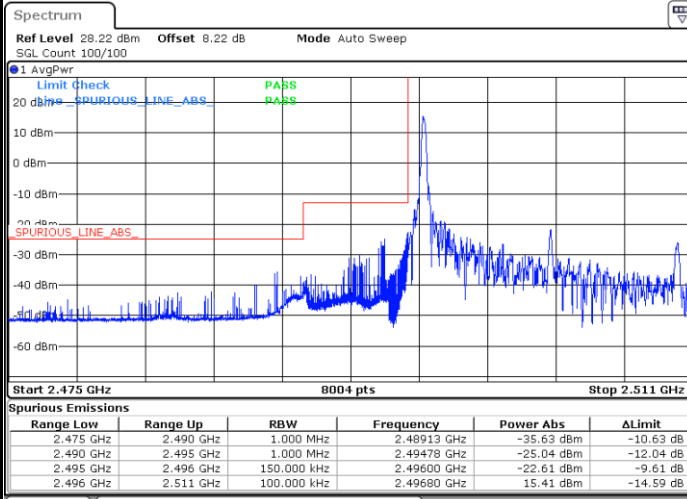


Date: 1.MAY.2024 00:19:50



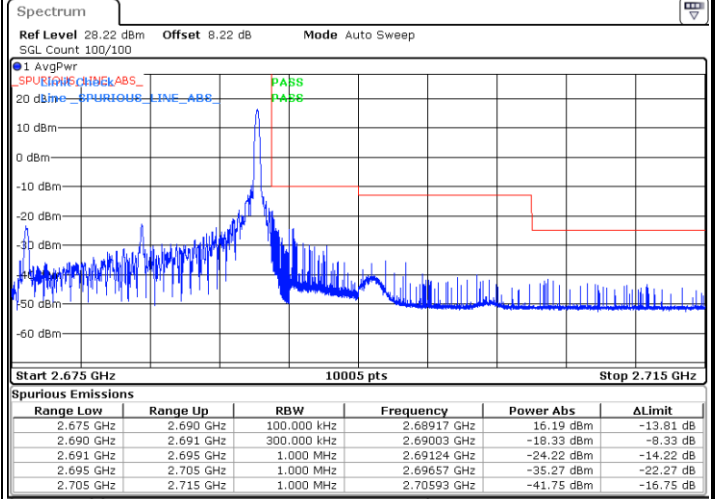
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



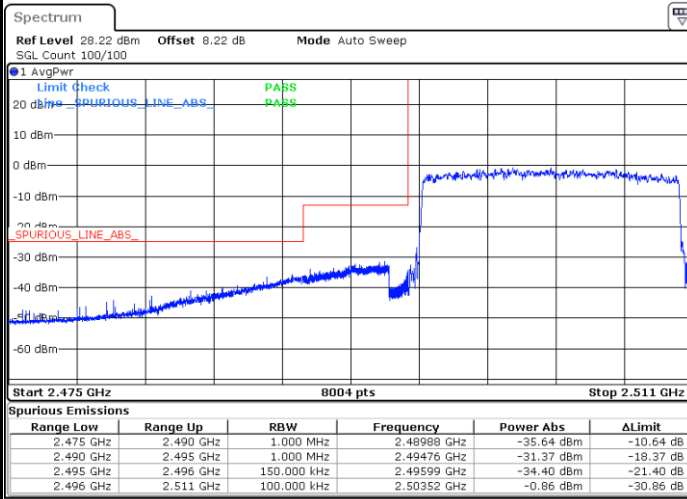
Date: 1.MAY.2024 00:09:36

Highest Band Edge / 1 RB



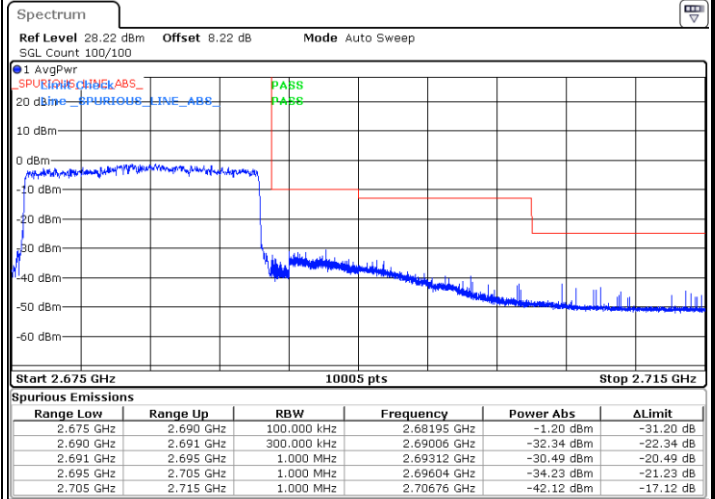
Date: 1.MAY.2024 00:18:19

Lowest Band Edge / Full RB



Date: 1.MAY.2024 00:10:23

Highest Band Edge / Full RB

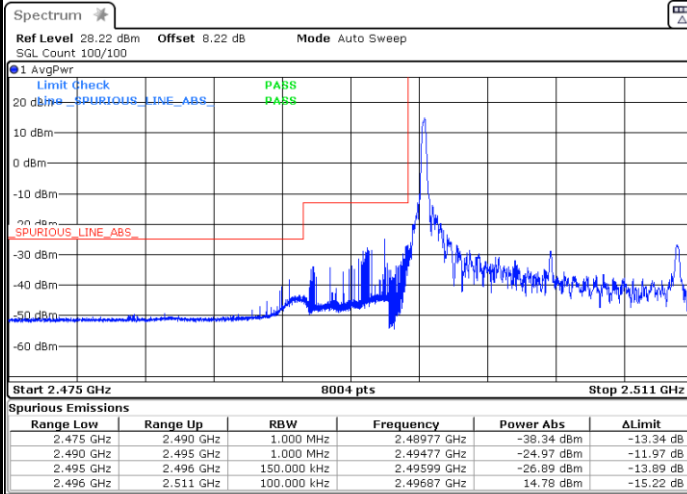


Date: 1.MAY.2024 00:19:05



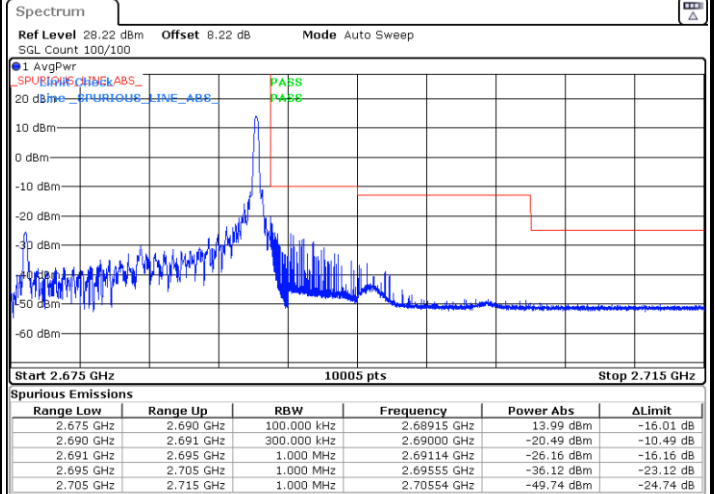
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB



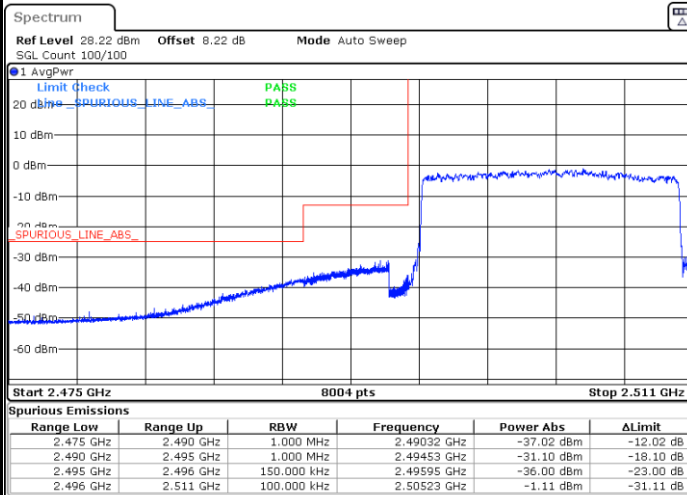
Date: 6.MAY.2024 21:52:33

Highest Band Edge / 1 RB



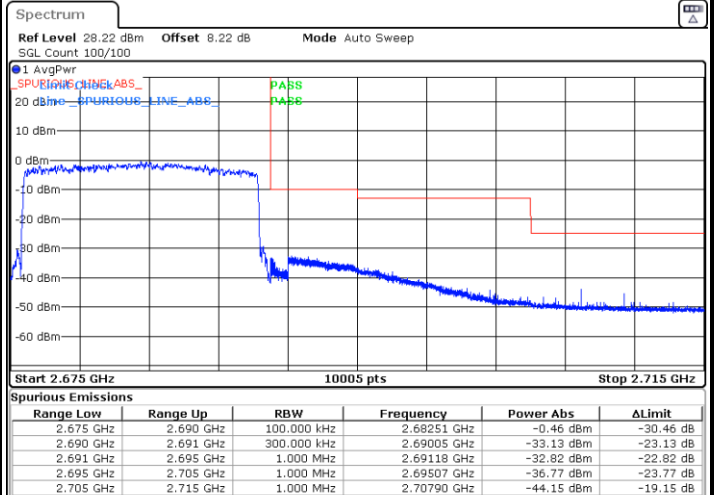
Date: 6.MAY.2024 21:55:30

Lowest Band Edge / Full RB



Date: 6.MAY.2024 21:53:54

Highest Band Edge / Full RB



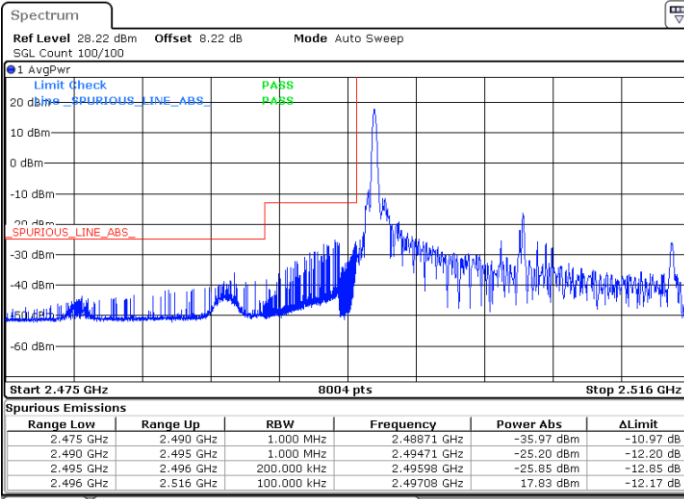
Date: 6.MAY.2024 21:56:05



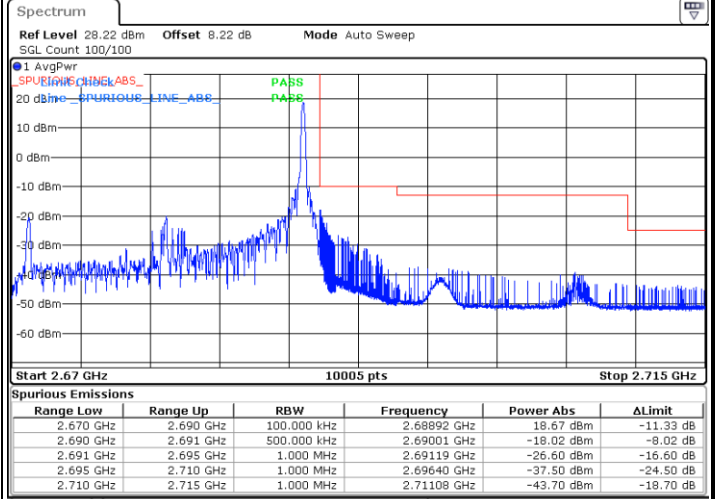
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



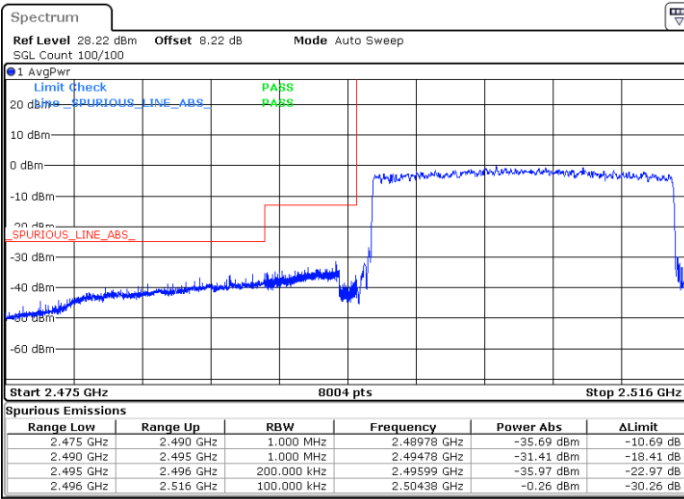
Date: 1.MAY.2024 00:23:26



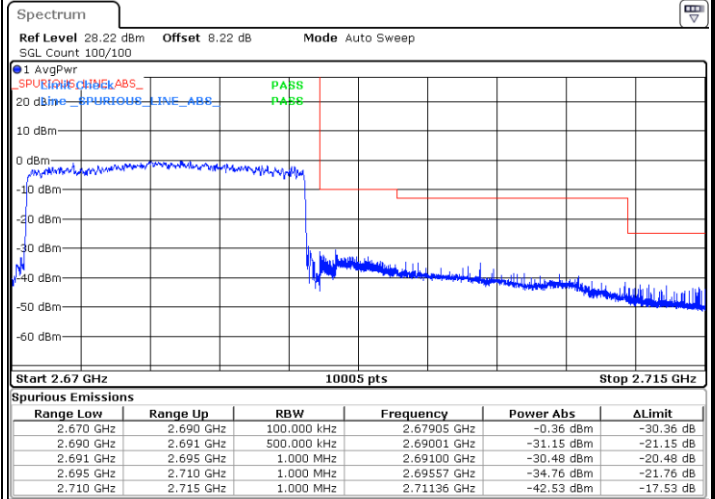
Date: 1.MAY.2024 00:32:13

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.MAY.2024 00:27:24

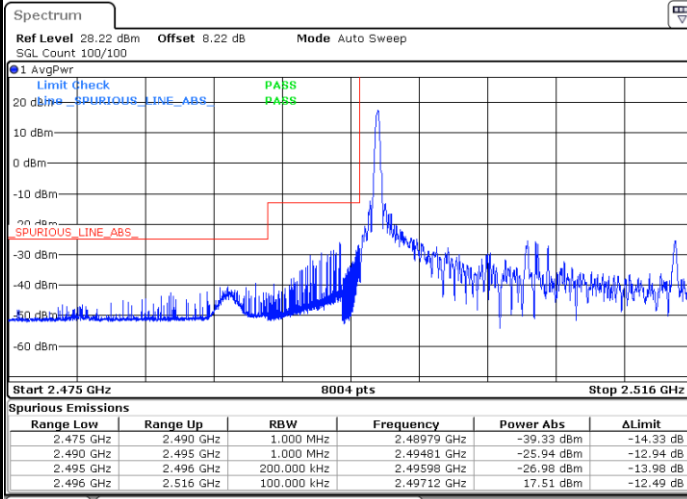


Date: 1.MAY.2024 00:36:00



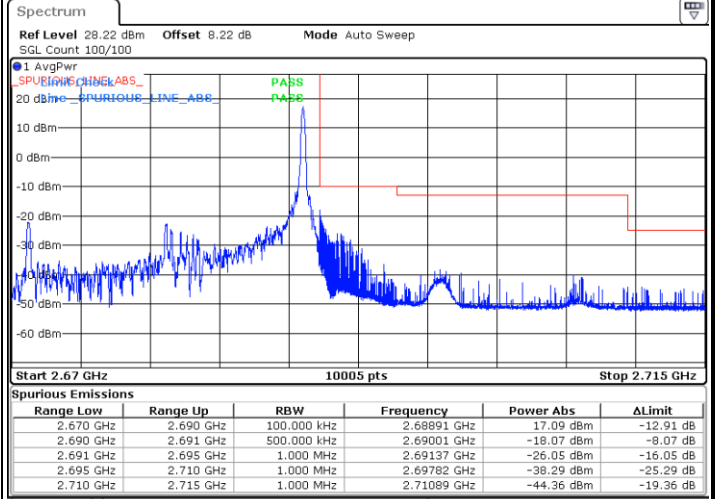
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



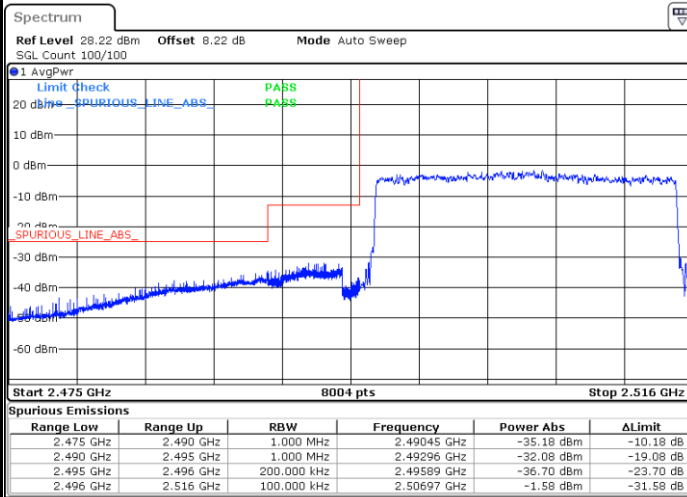
Date: 1.MAY.2024 00:24:13

Highest Band Edge / 1 RB



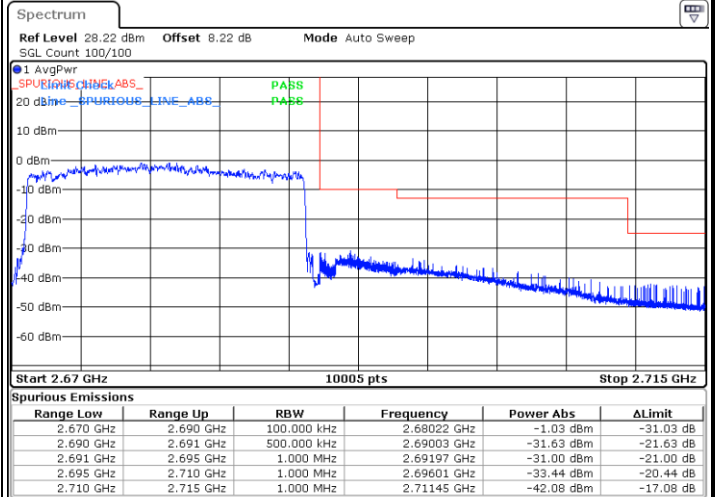
Date: 1.MAY.2024 00:32:59

Lowest Band Edge / Full RB



Date: 1.MAY.2024 00:26:36

Highest Band Edge / Full RB



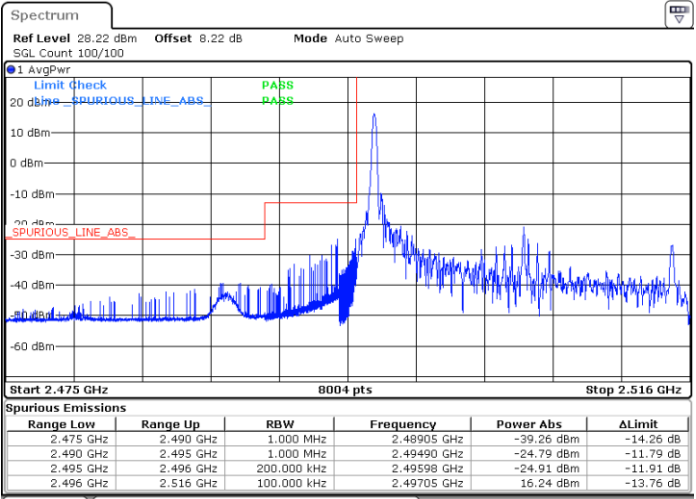
Date: 1.MAY.2024 00:35:14



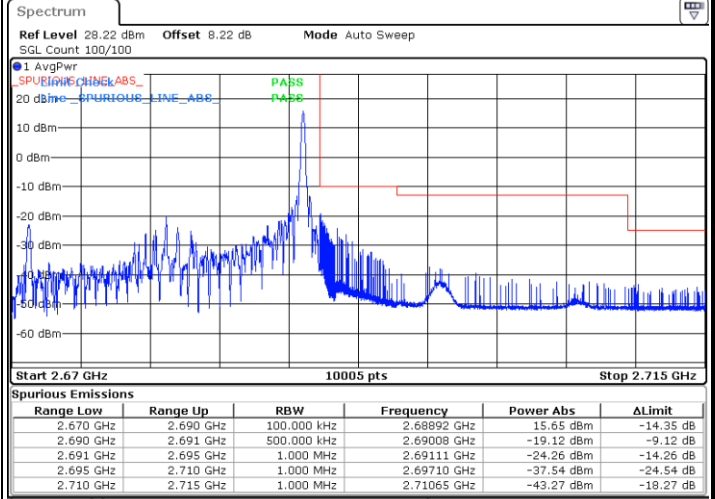
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



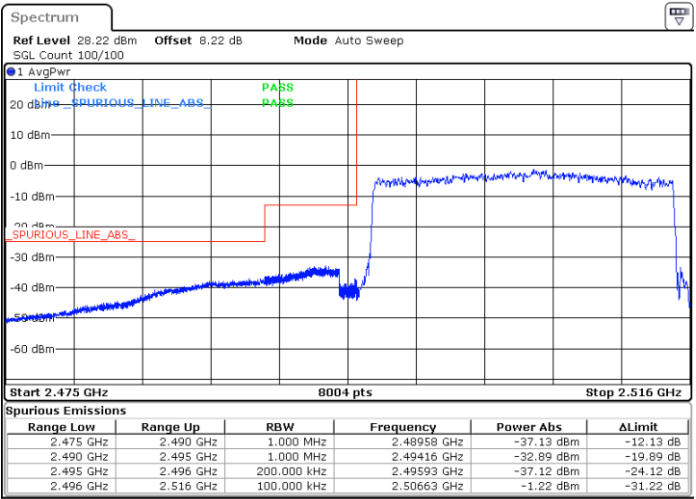
Date: 1.MAY.2024 00:25:01



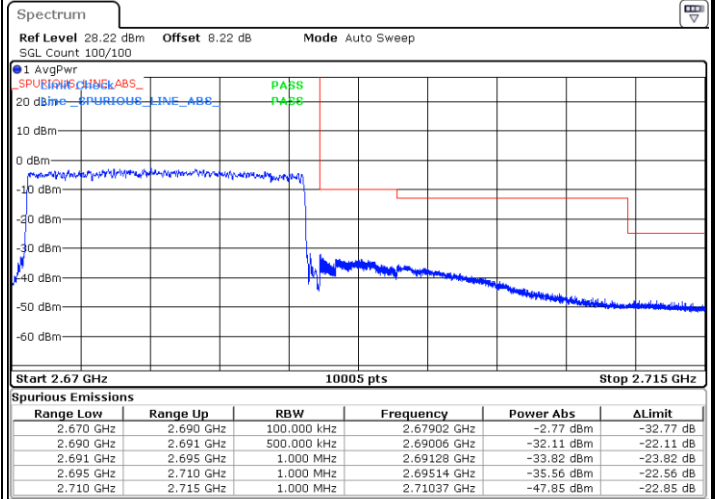
Date: 1.MAY.2024 00:33:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.MAY.2024 00:25:48



Date: 1.MAY.2024 00:34:29

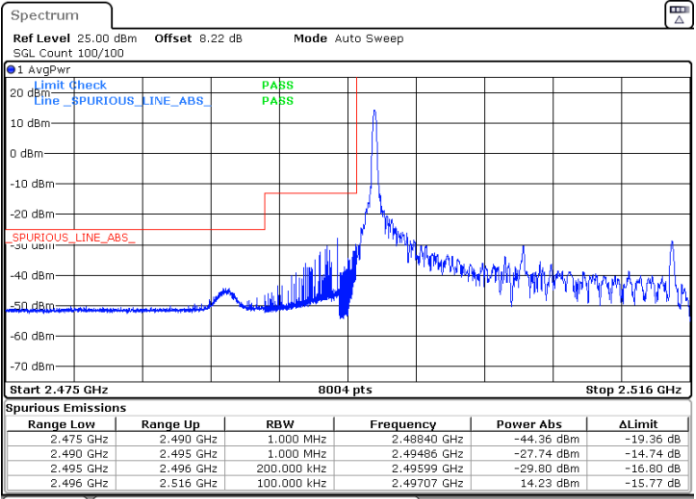




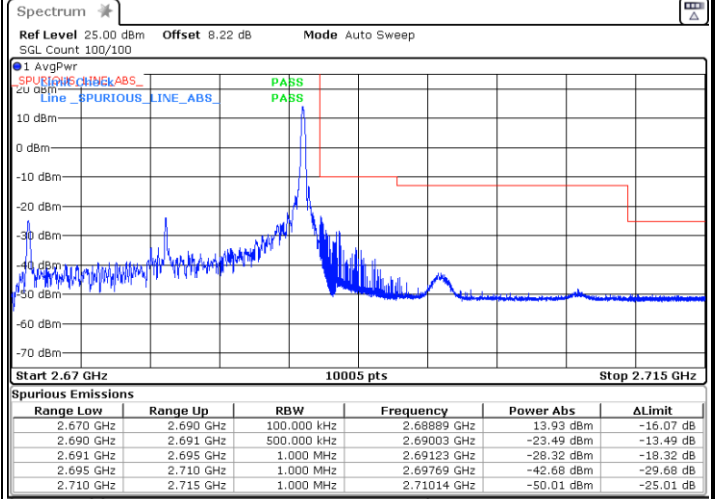
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



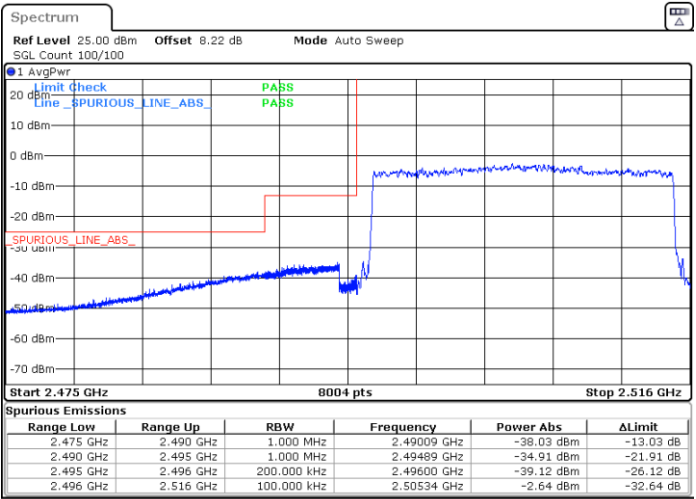
Date: 6.MAY.2024 21:57:50



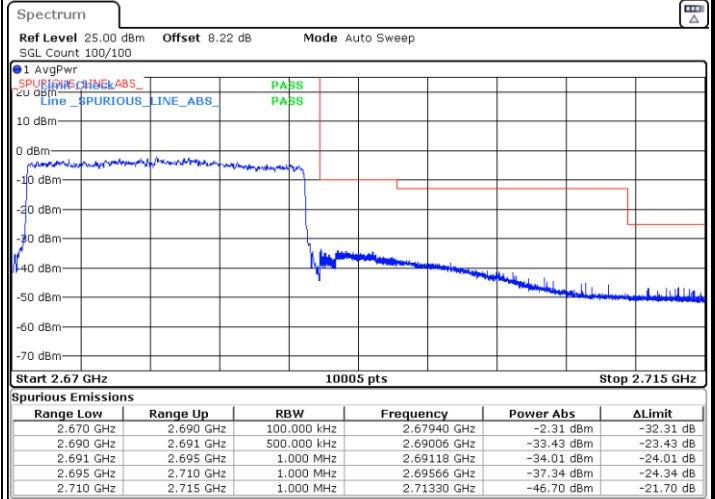
Date: 6.MAY.2024 21:58:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



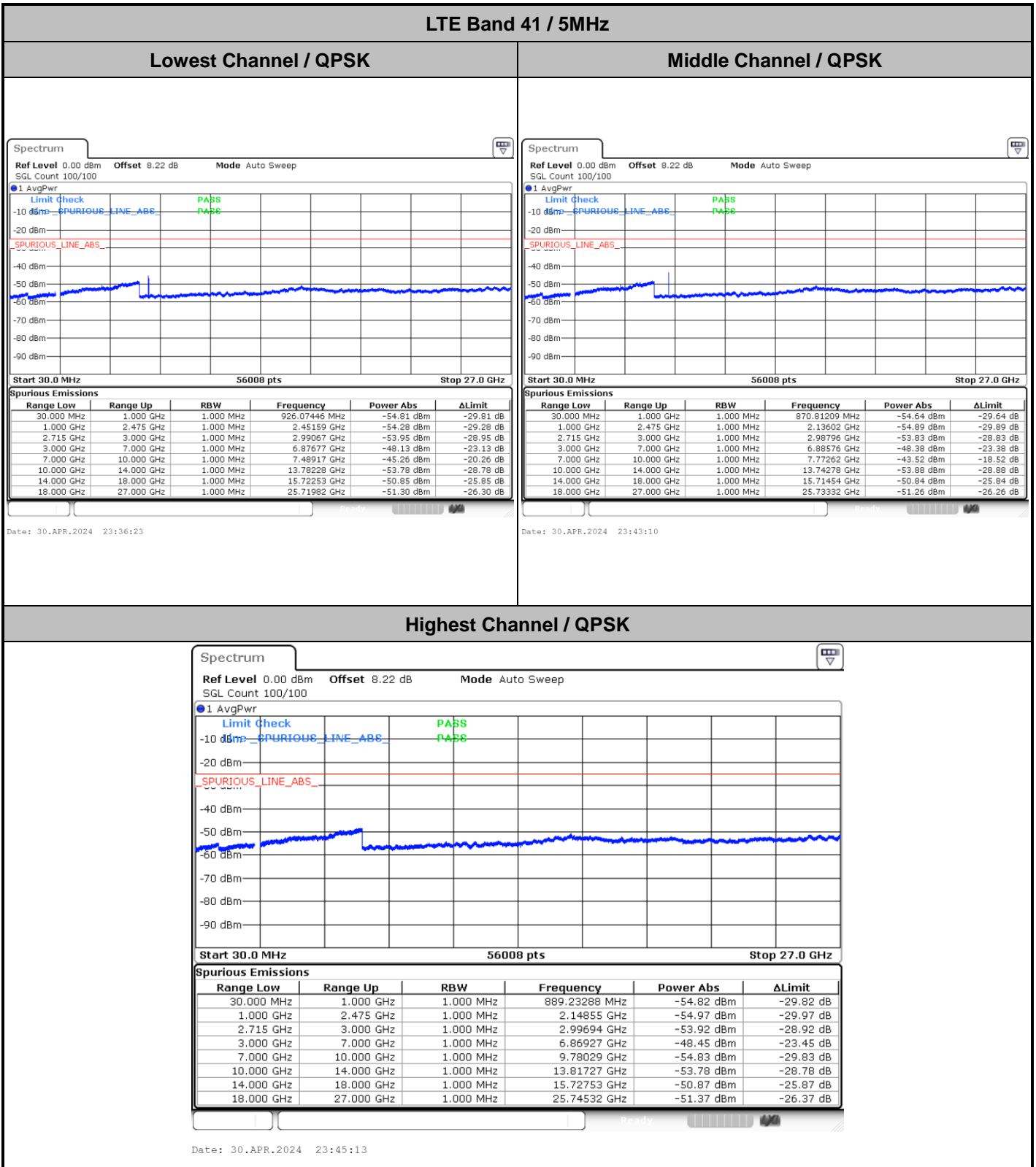
Date: 6.MAY.2024 21:57:14



Date: 6.MAY.2024 21:59:31



# Conducted Spurious Emission

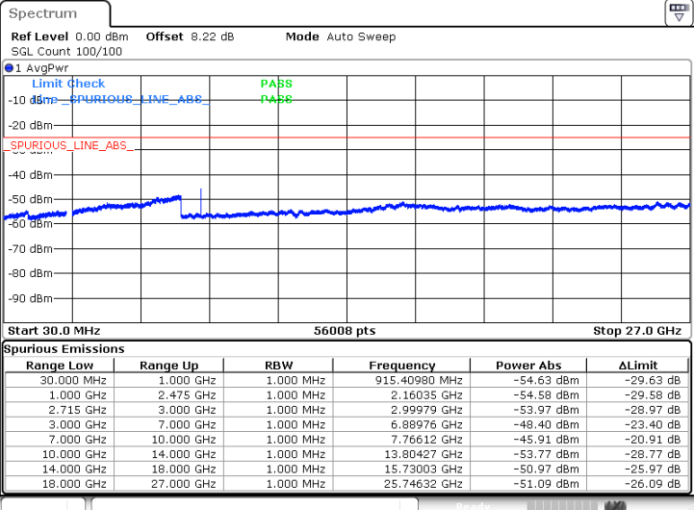
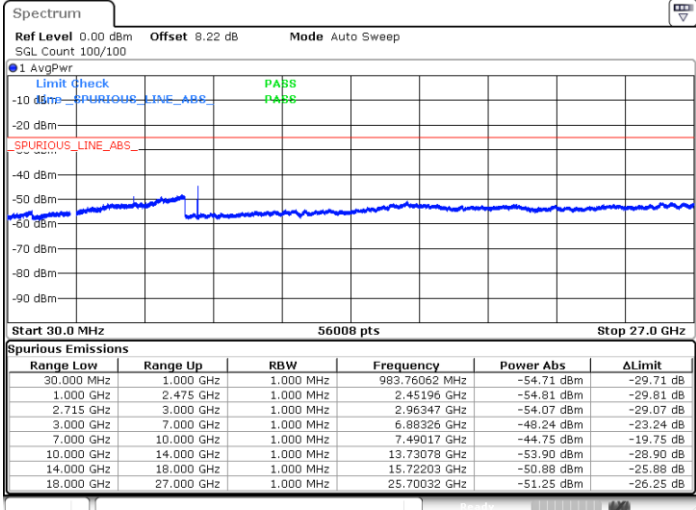




LTE Band 41 / 10MHz

Lowest Channel / QPSK

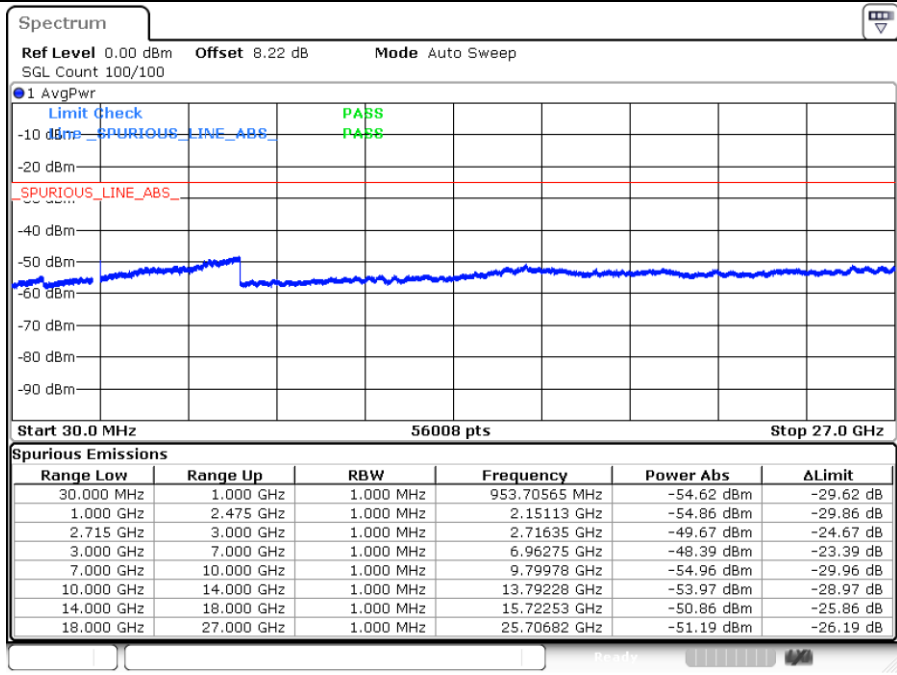
Middle Channel / QPSK



Date: 30.APR.2024 23:51:47

Date: 30.APR.2024 23:58:35

Highest Channel / QPSK



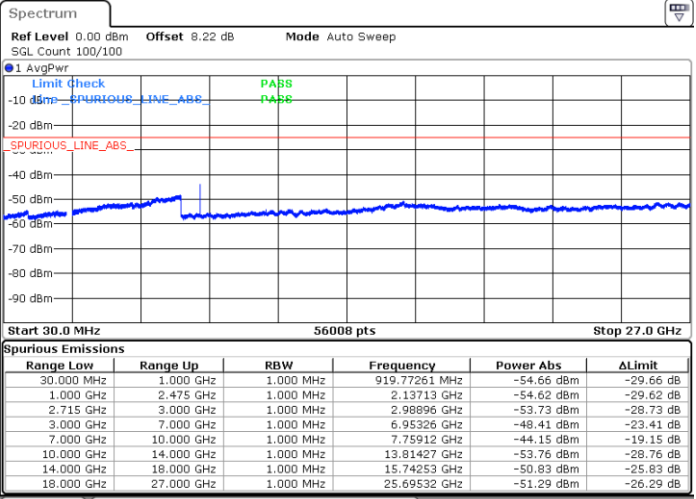
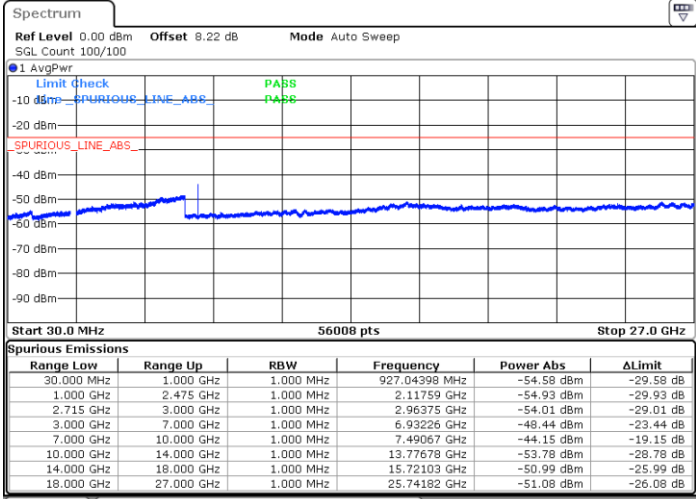
Date: 1.MAY.2024 00:00:37



LTE Band 41 / 15MHz

Lowest Channel / QPSK

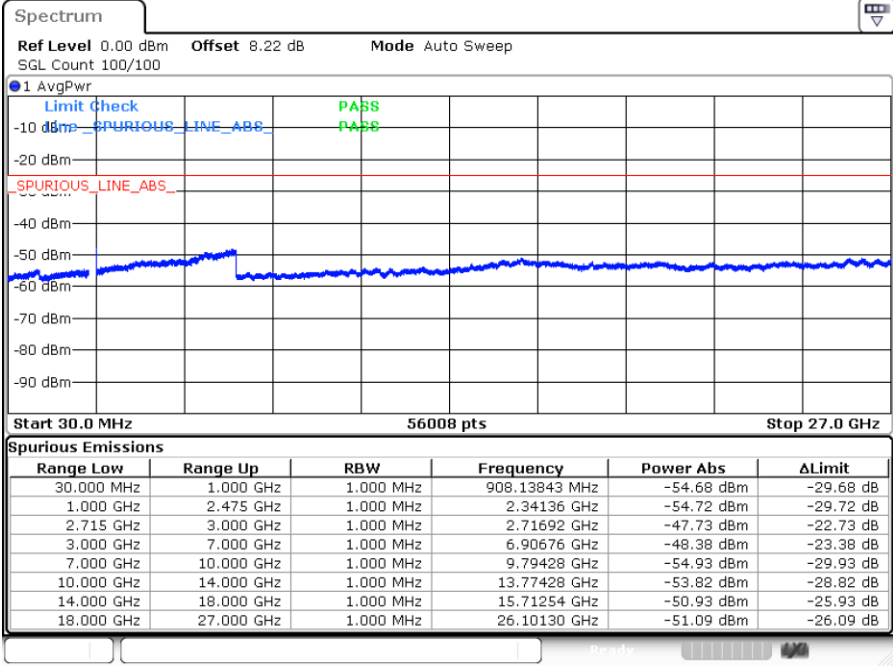
Middle Channel / QPSK



Date: 1.MAY.2024 00:07:11

Date: 1.MAY.2024 00:14:00

Highest Channel / QPSK



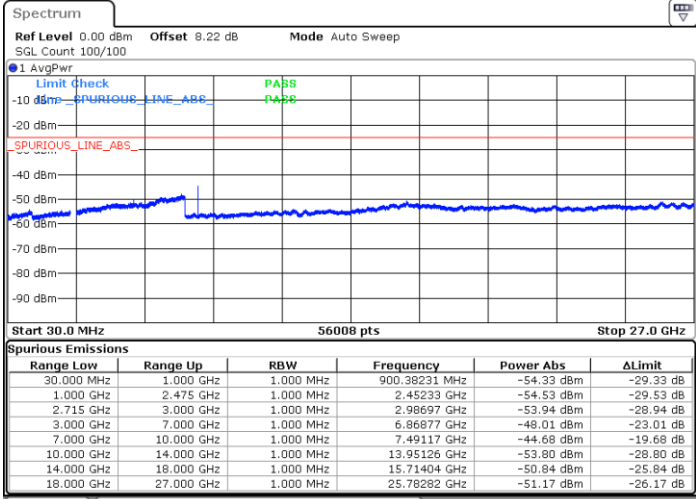
Date: 1.MAY.2024 00:16:02



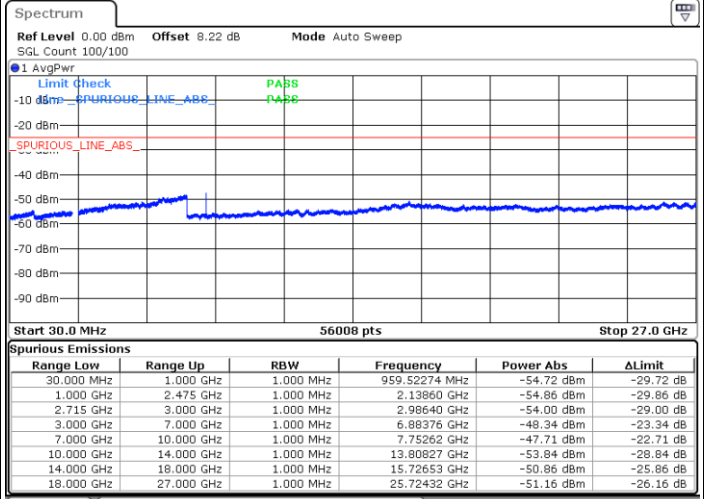
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

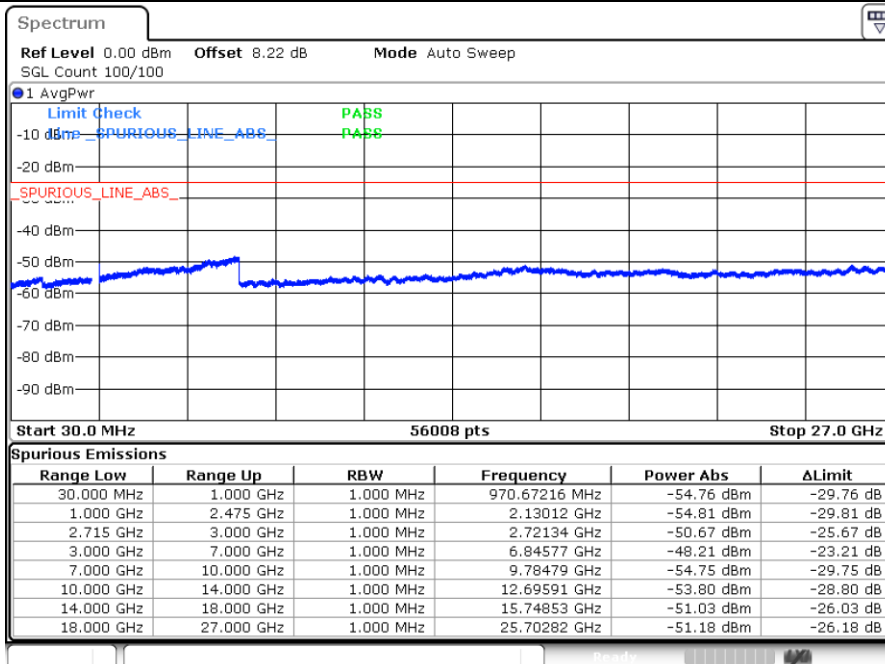


Date: 1.MAY.2024 00:22:37



Date: 1.MAY.2024 00:29:25

Highest Channel / QPSK



Date: 1.MAY.2024 00:31:27



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	0.0026	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0066	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0014	

Note:

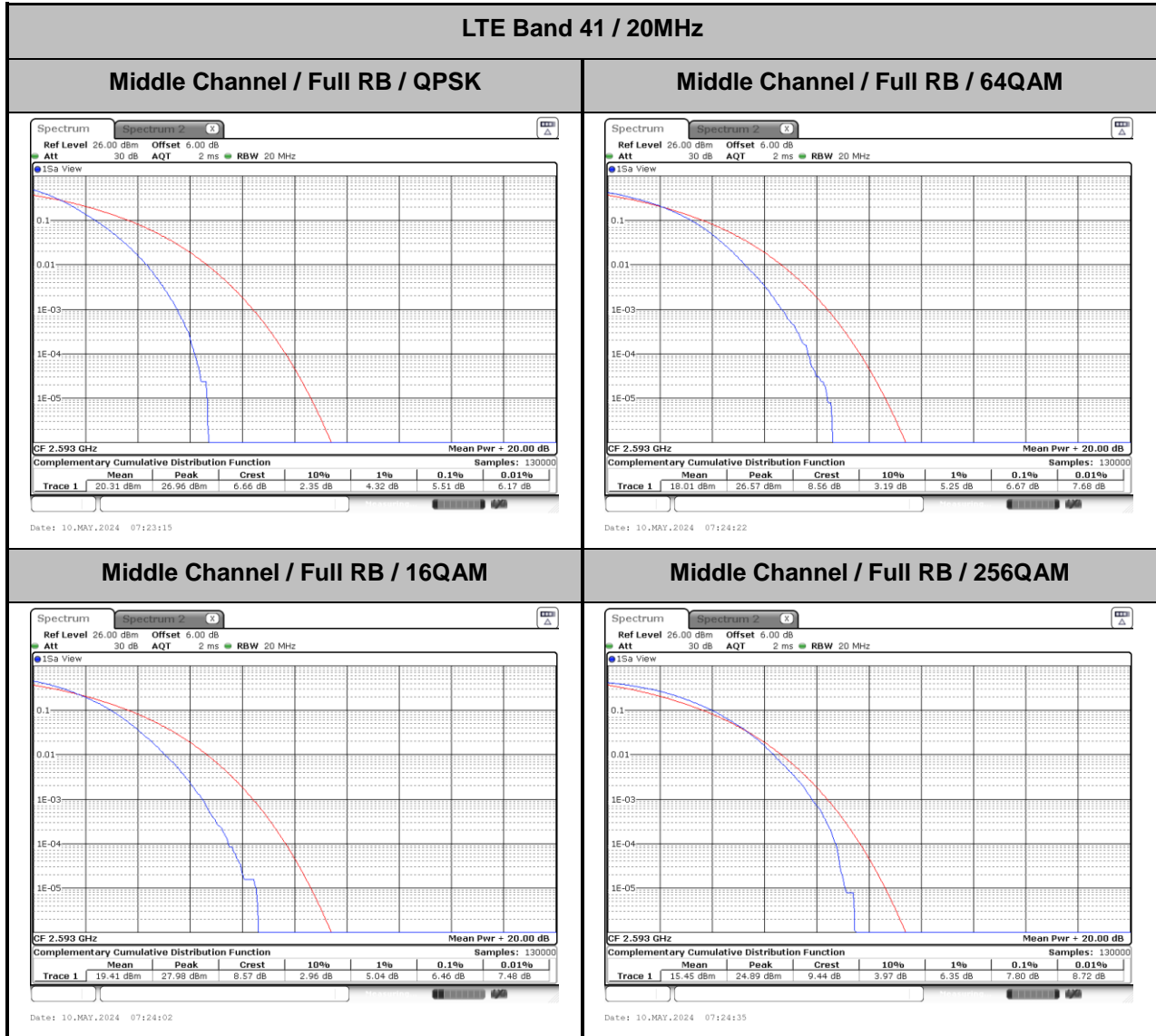
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.5V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 41\_Other PA

## Peak-to-Average Ratio

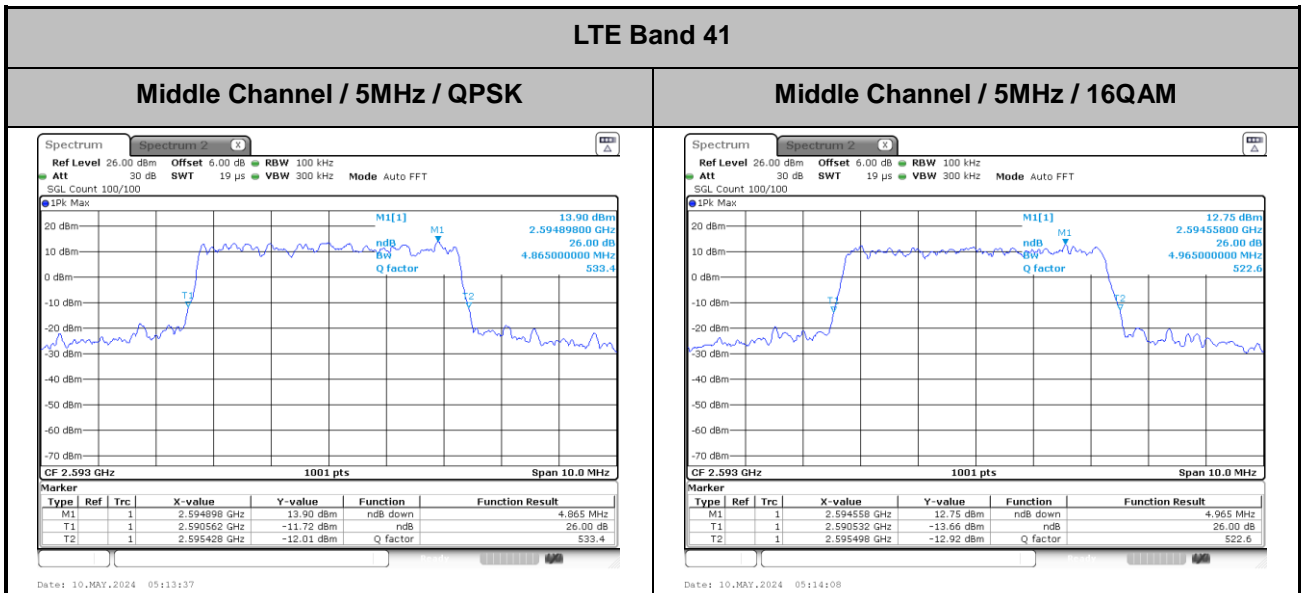
Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.51	6.46	6.67	7.80	PASS





## 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>	4.87	4.97
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.73	9.97
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.21	14.33
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.90	18.98

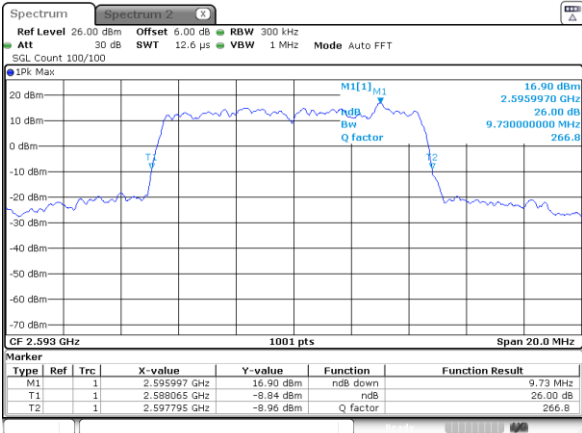






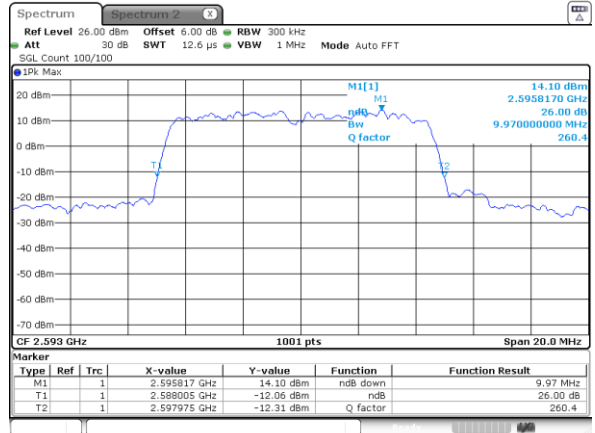
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 10.MAY.2024 06:13:40

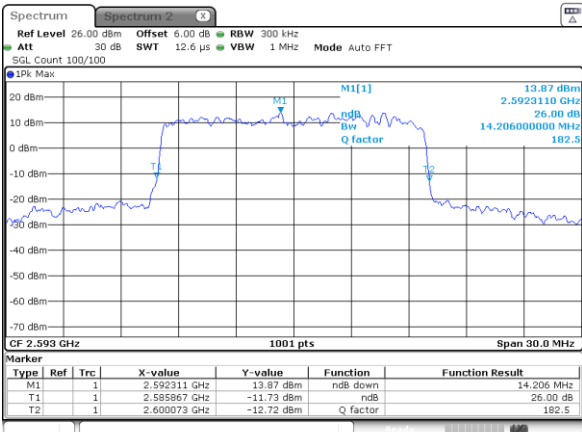
Middle Channel / 10MHz / 16QAM



Date: 10.MAY.2024 06:13:06

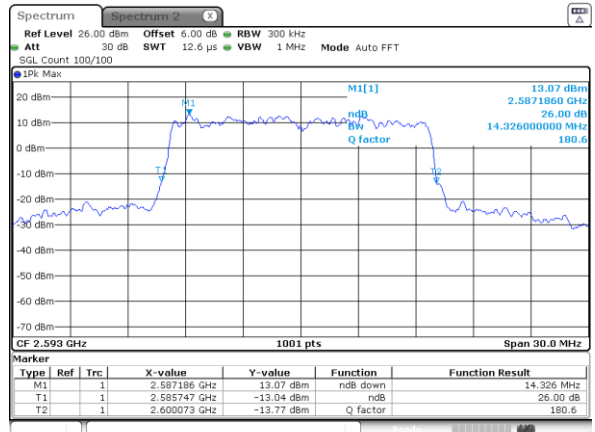
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 10.MAY.2024 06:57:03

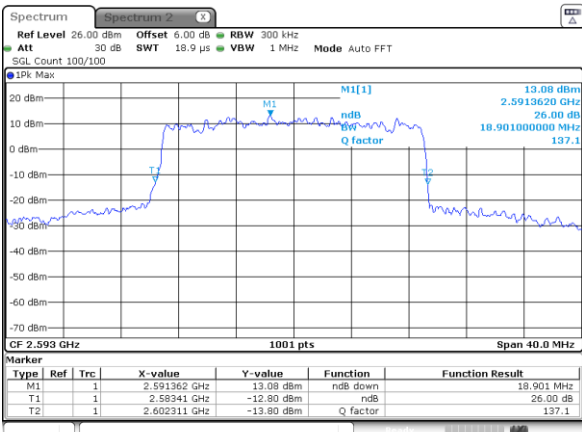
Middle Channel / 15MHz / 16QAM



Date: 10.MAY.2024 06:57:28

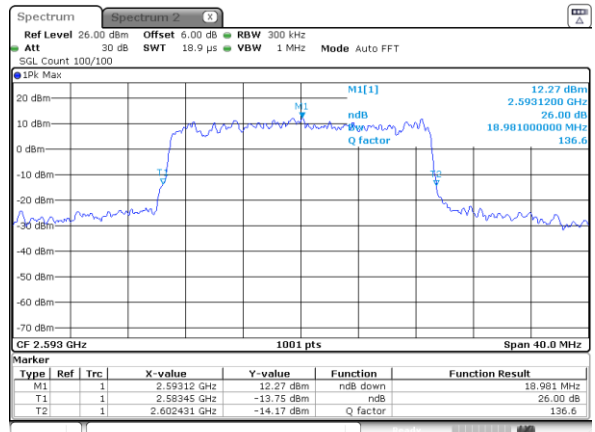
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 10.MAY.2024 07:22:49

Middle Channel / 20MHz / 16QAM

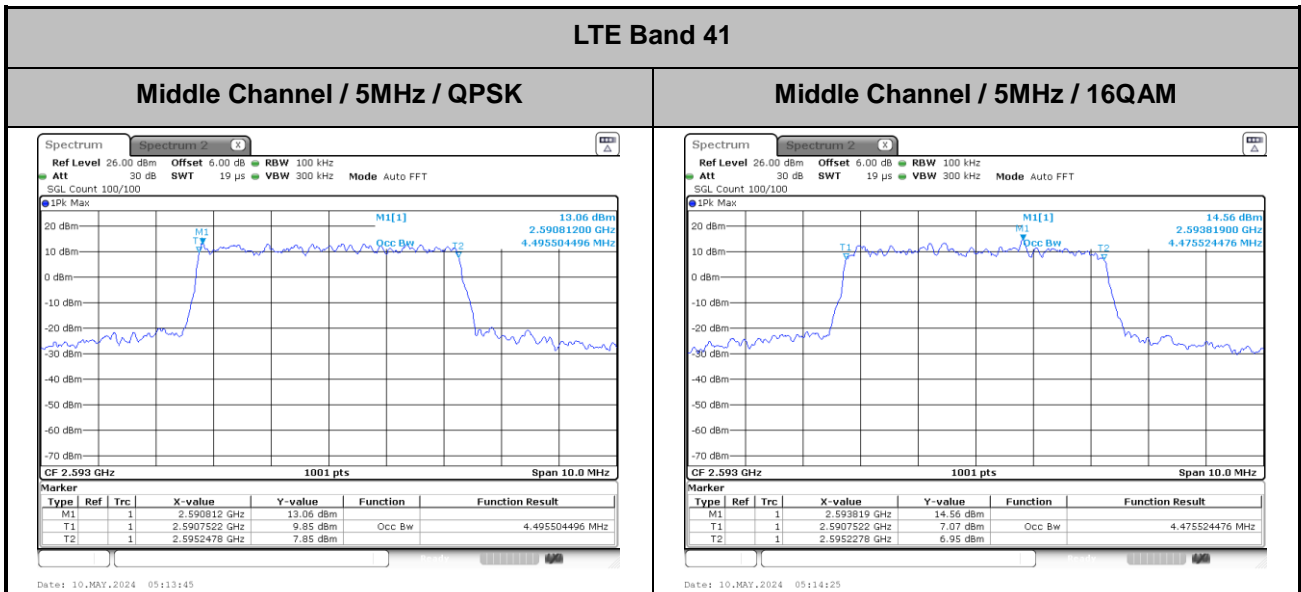


Date: 10.MAY.2024 07:23:31



# Occupied Bandwidth

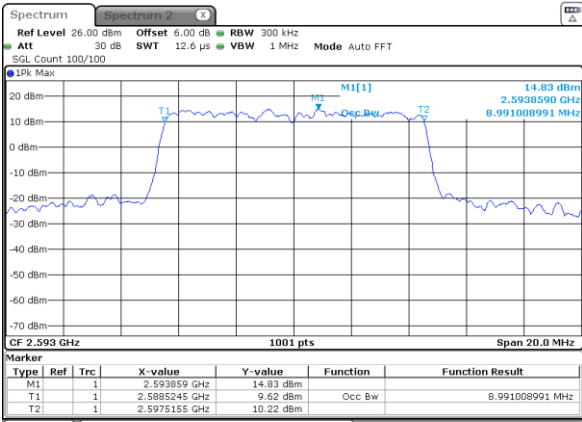
Mode	LTE Band 41 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.50	4.48
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	8.99	8.97
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.40	13.37
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.82	17.82





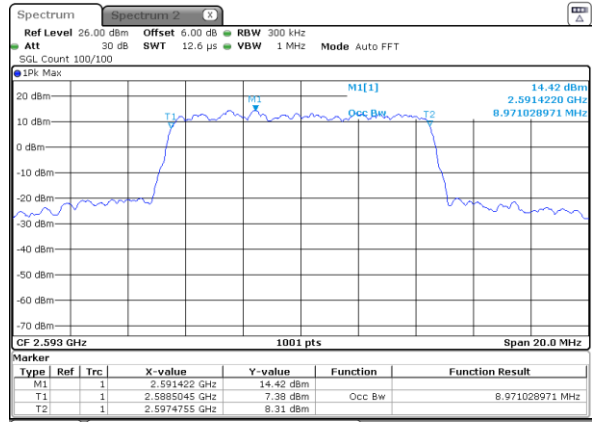
LTE Band 41

Middle Channel / 10MHz / QPSK



Date: 10.MAY.2024 06:36:49

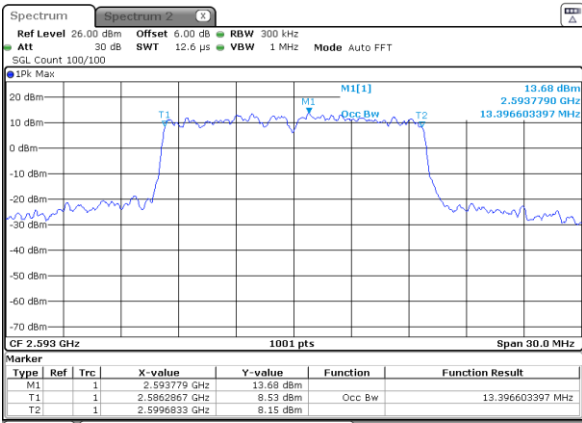
Middle Channel / 10MHz / 16QAM



Date: 10.MAY.2024 06:37:15

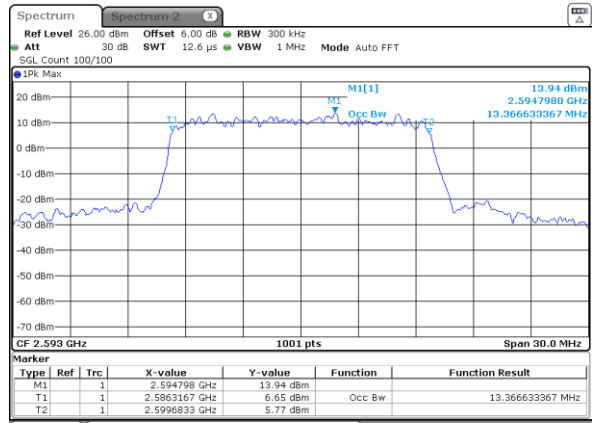
LTE Band 41

Middle Channel / 15MHz / QPSK



Date: 10.MAY.2024 06:57:11

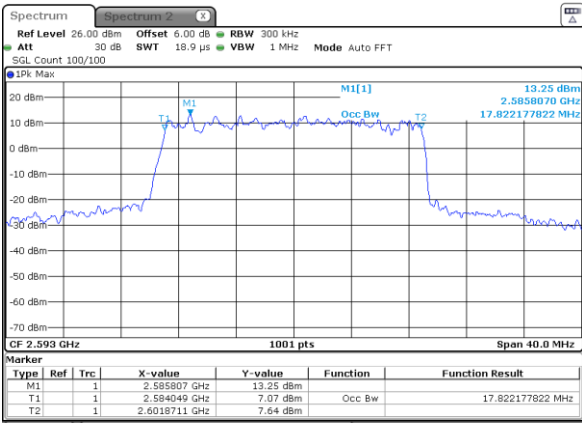
Middle Channel / 15MHz / 16QAM



Date: 10.MAY.2024 06:57:38

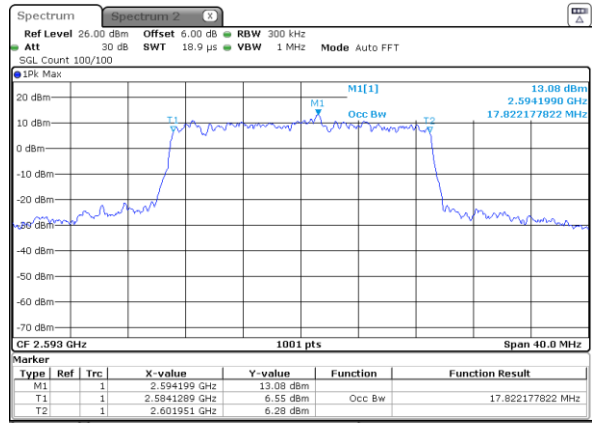
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 10.MAY.2024 07:22:57

Middle Channel / 20MHz / 16QAM



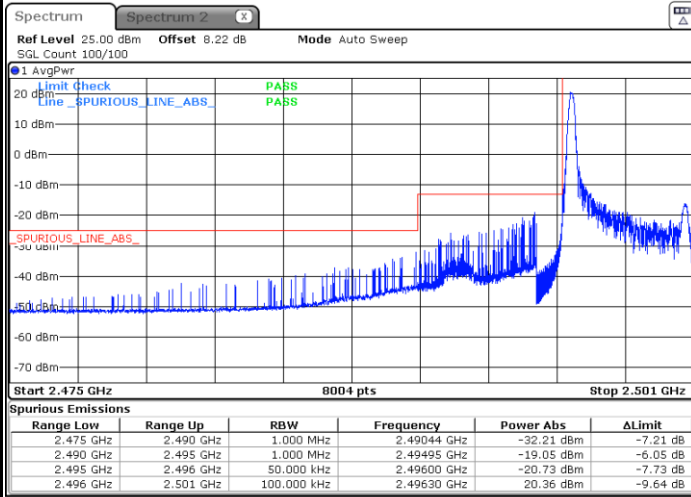
Date: 10.MAY.2024 07:23:43



# Conducted Band Edge

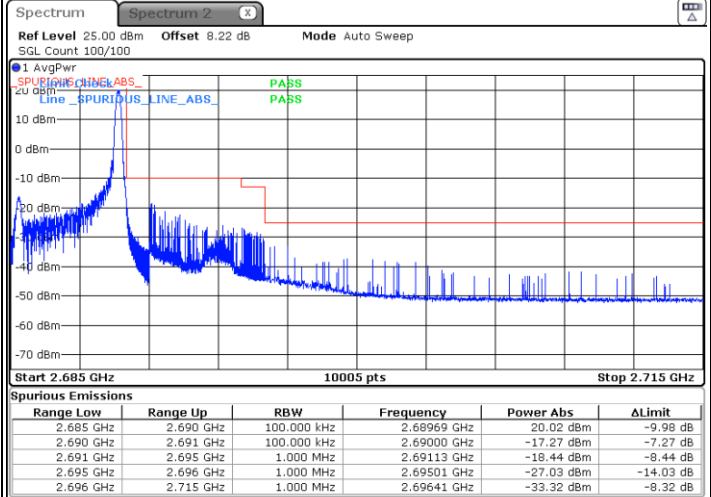
## LTE Band 41 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



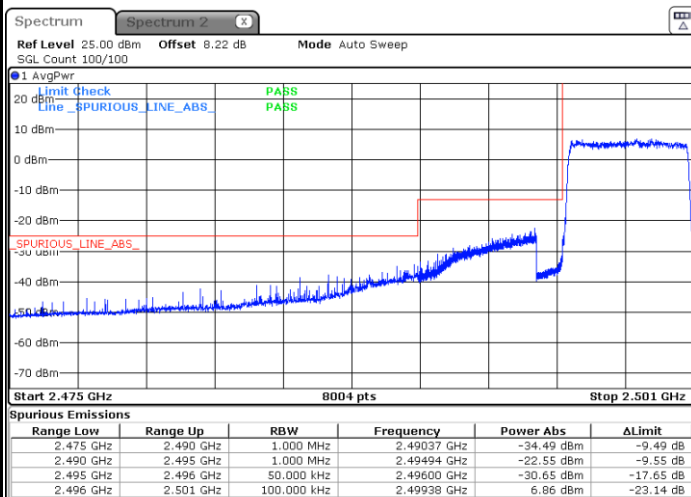
Date: 10.MAY.2024 05:07:25

### Highest Band Edge / 1 RB



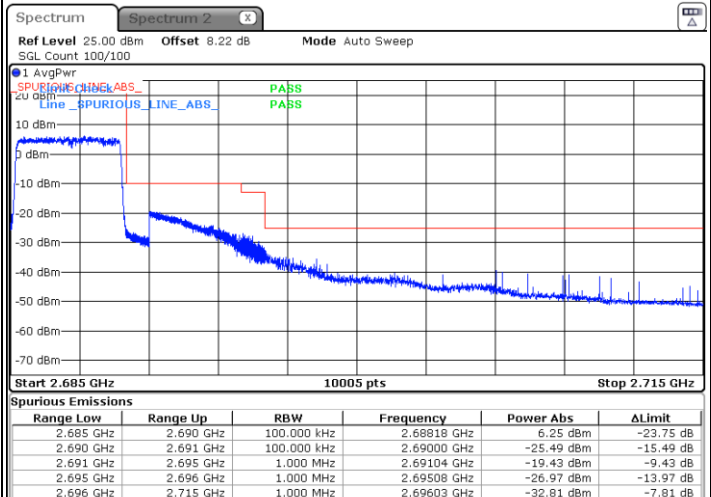
Date: 10.MAY.2024 05:17:11

### Lowest Band Edge / Full RB



Date: 10.MAY.2024 05:08:13

### Highest Band Edge / Full RB

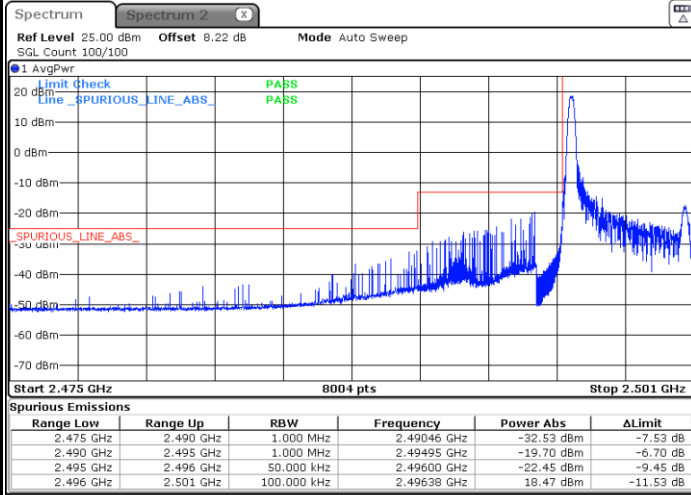


Date: 10.MAY.2024 05:20:46



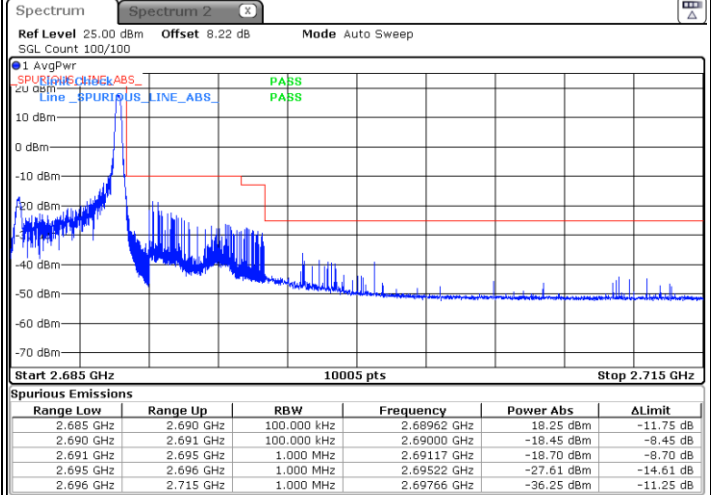
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



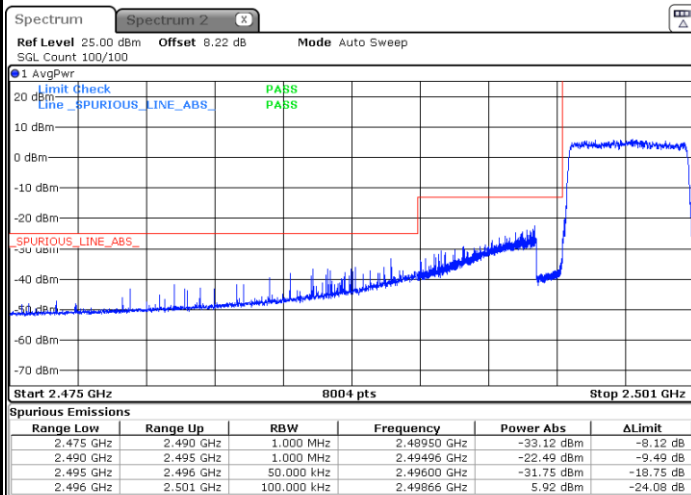
Date: 10.MAY.2024 05:06:51

Highest Band Edge / 1 RB



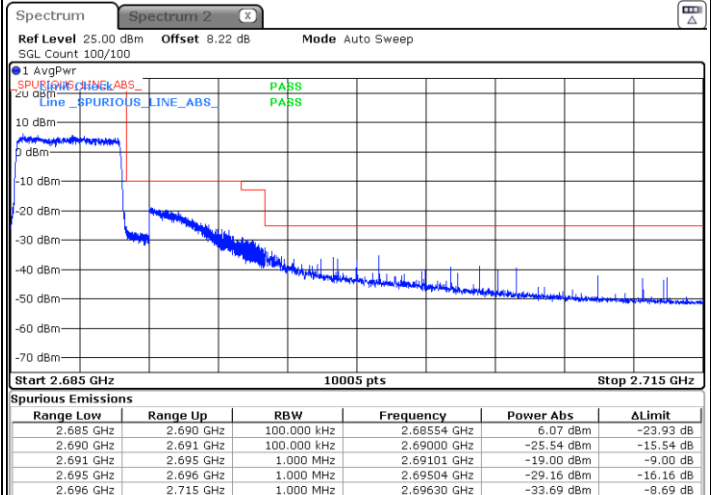
Date: 10.MAY.2024 05:17:34

Lowest Band Edge / Full RB



Date: 10.MAY.2024 05:08:43

Highest Band Edge / Full RB

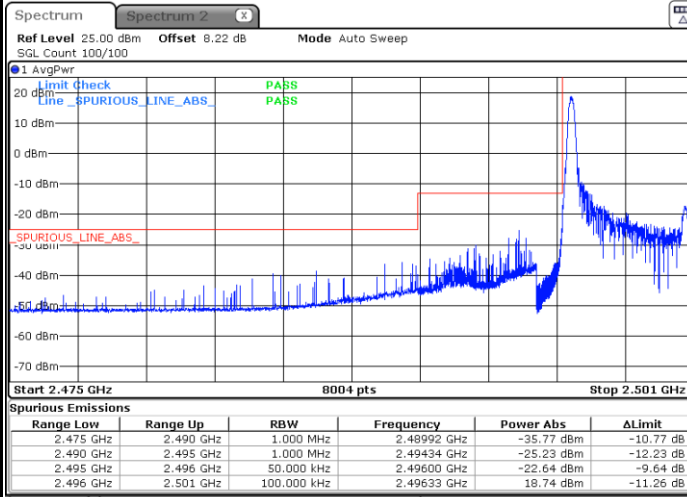


Date: 10.MAY.2024 05:19:41



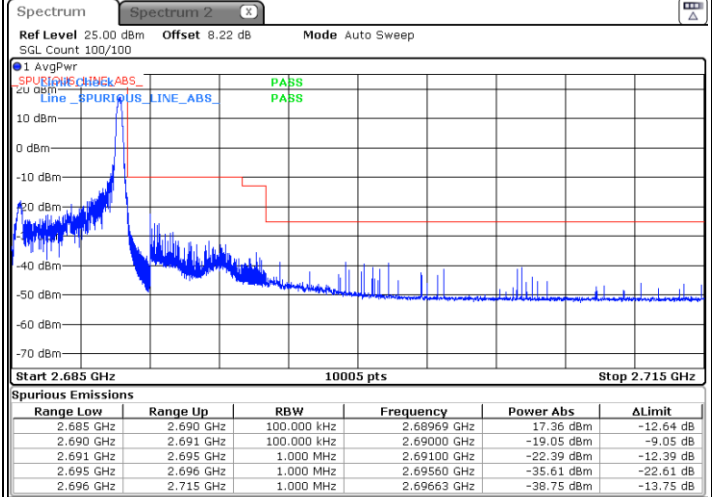
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



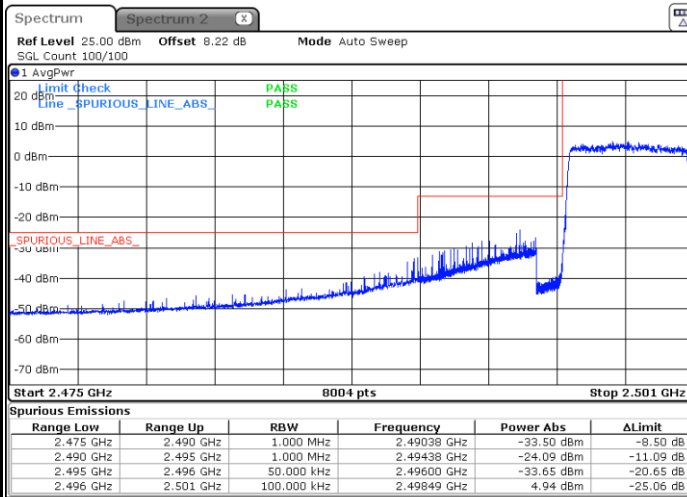
Date: 10.MAY.2024 05:06:21

Highest Band Edge / 1 RB



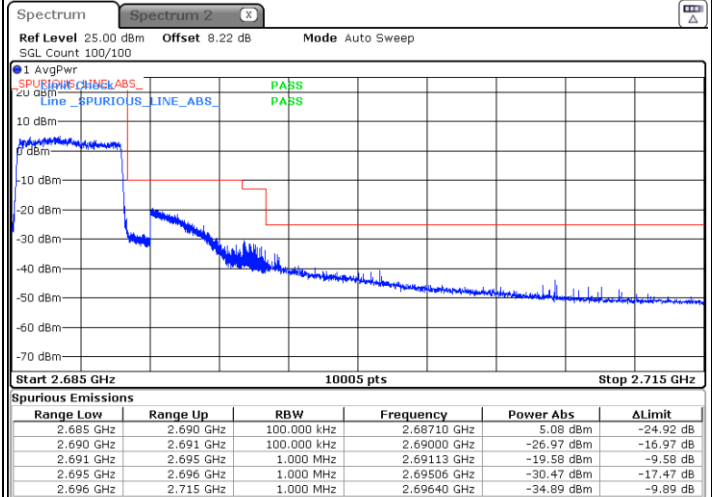
Date: 10.MAY.2024 05:17:54

Lowest Band Edge / Full RB



Date: 10.MAY.2024 05:09:18

Highest Band Edge / Full RB

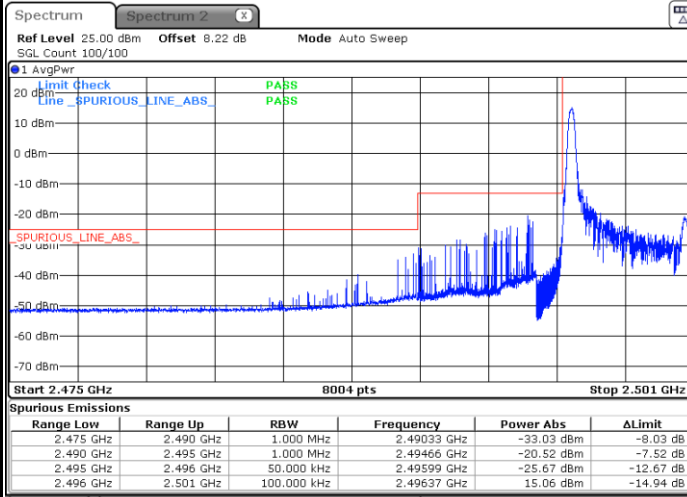


Date: 10.MAY.2024 05:19:23



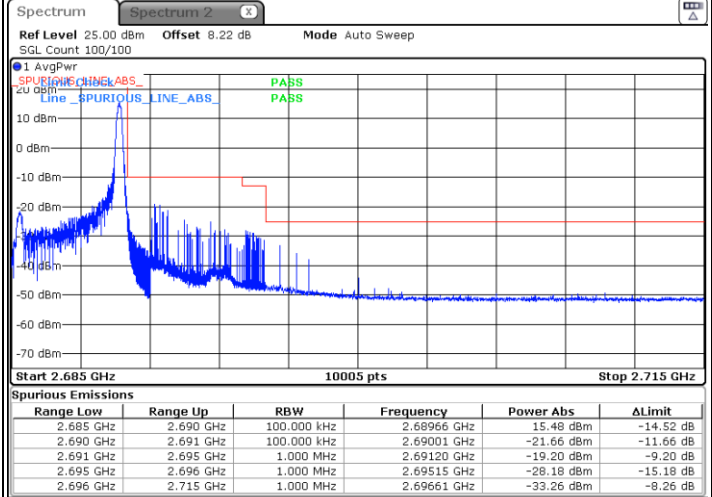
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



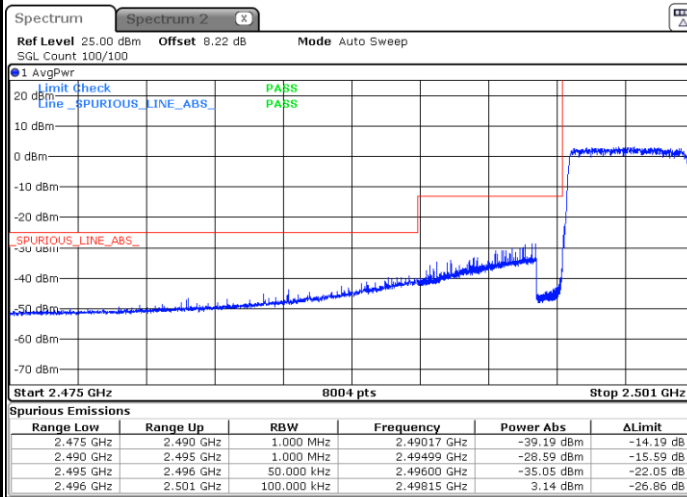
Date: 10.MAY.2024 05:05:30

Highest Band Edge / 1 RB



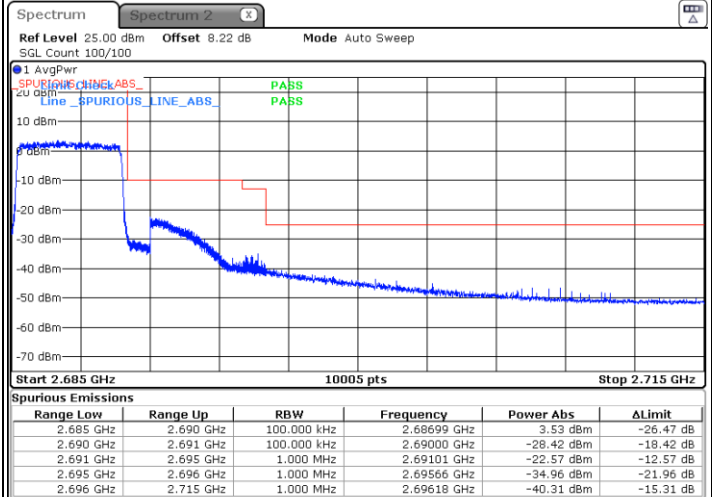
Date: 10.MAY.2024 05:18:13

Lowest Band Edge / Full RB



Date: 10.MAY.2024 05:10:42

Highest Band Edge / Full RB

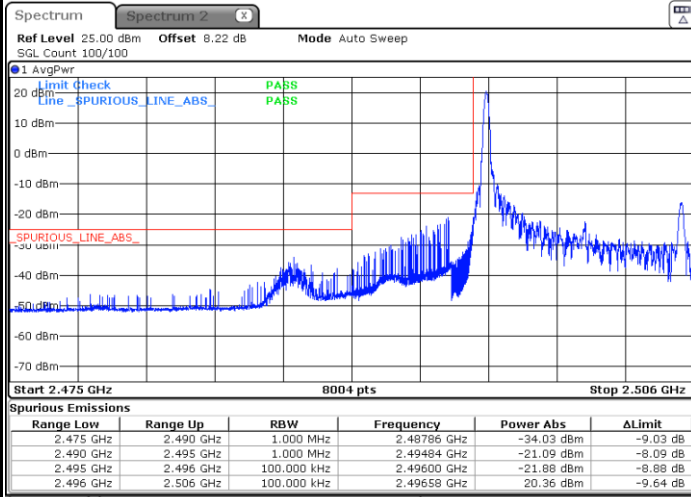


Date: 10.MAY.2024 05:19:02



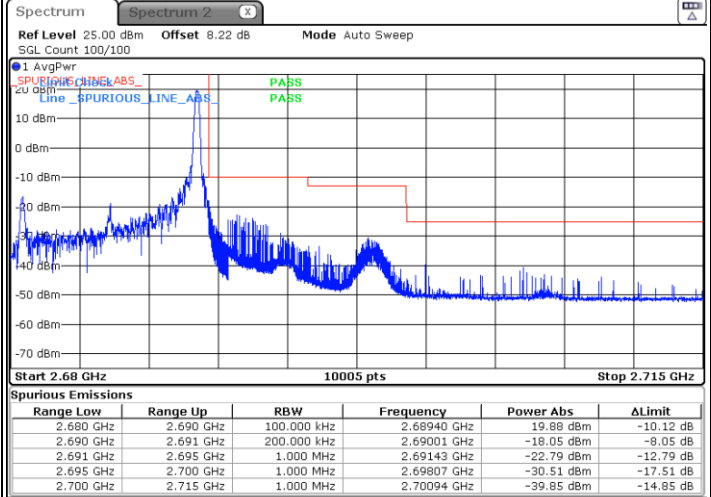
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



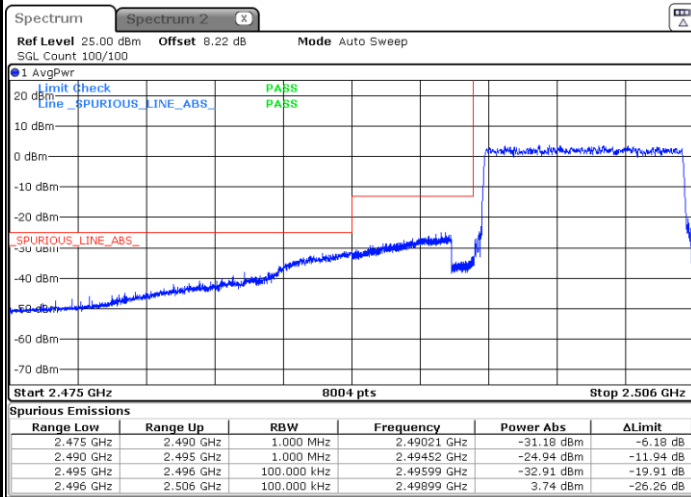
Date: 10.MAY.2024 06:30:26

Highest Band Edge / 1 RB



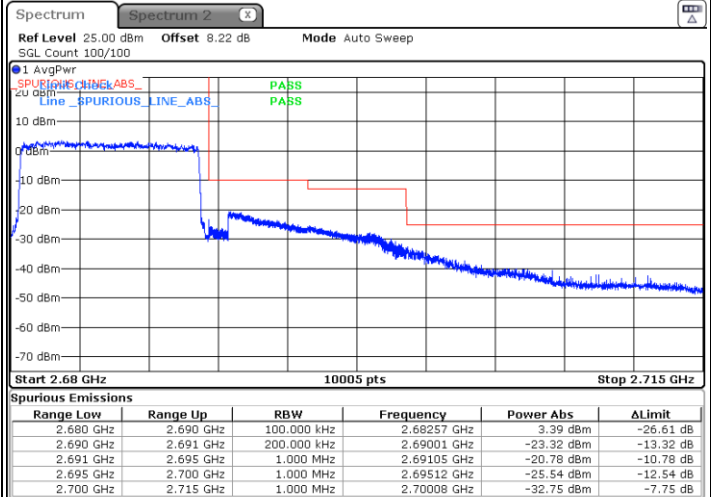
Date: 10.MAY.2024 06:42:54

Lowest Band Edge / Full RB



Date: 10.MAY.2024 06:33:36

Highest Band Edge / Full RB



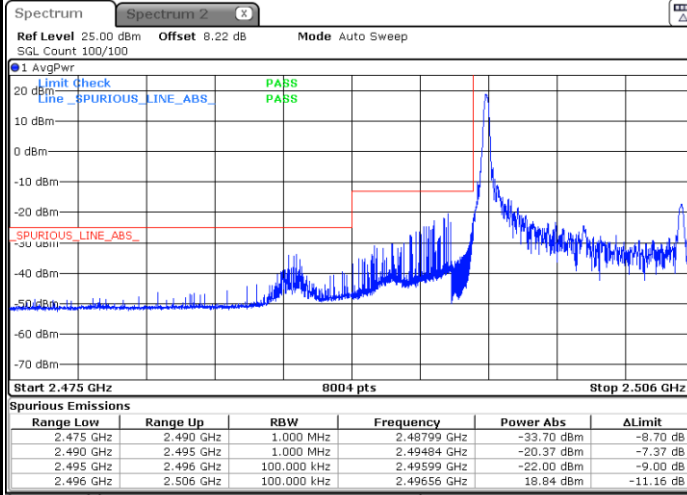
Date: 10.MAY.2024 06:49:45





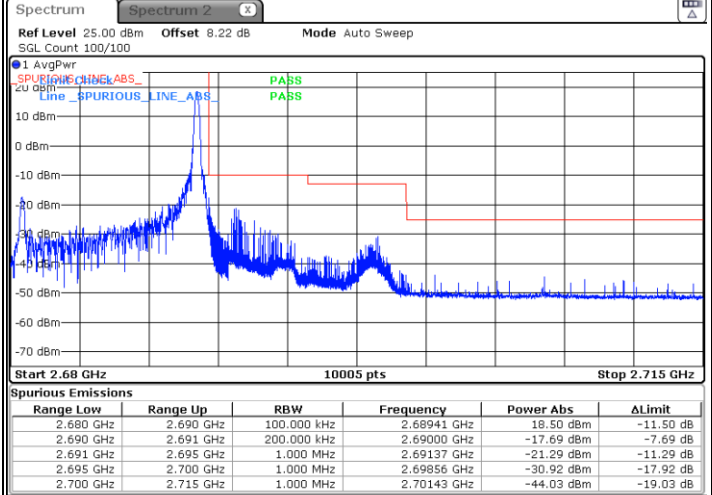
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



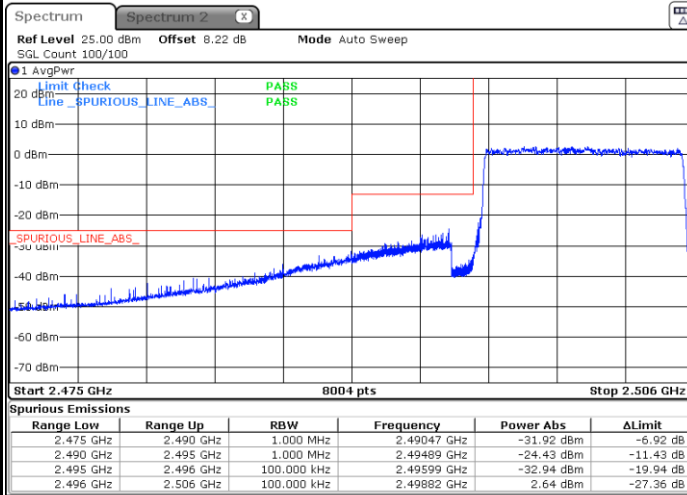
Date: 10.MAY.2024 06:30:48

Highest Band Edge / 1 RB



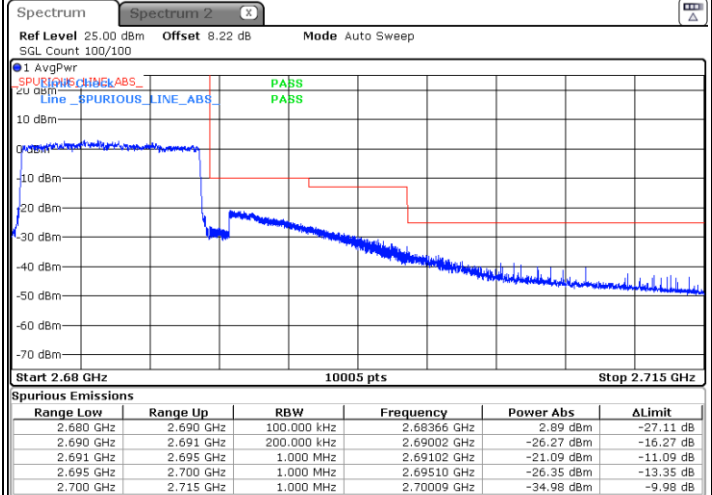
Date: 10.MAY.2024 06:43:11

Lowest Band Edge / Full RB



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

Highest Band Edge / Full RB



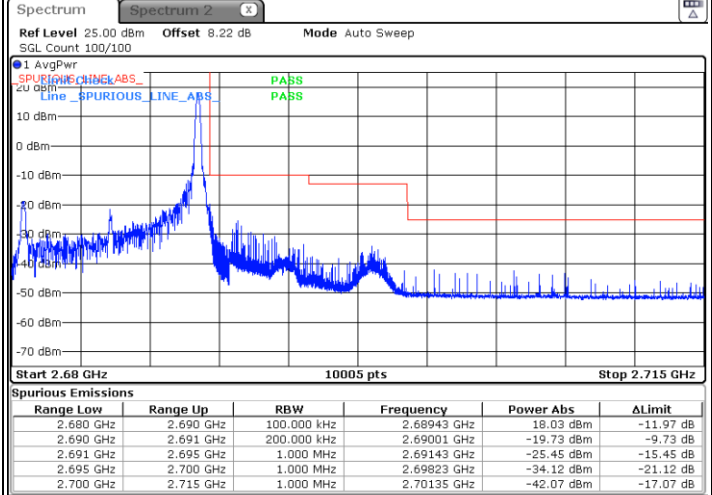
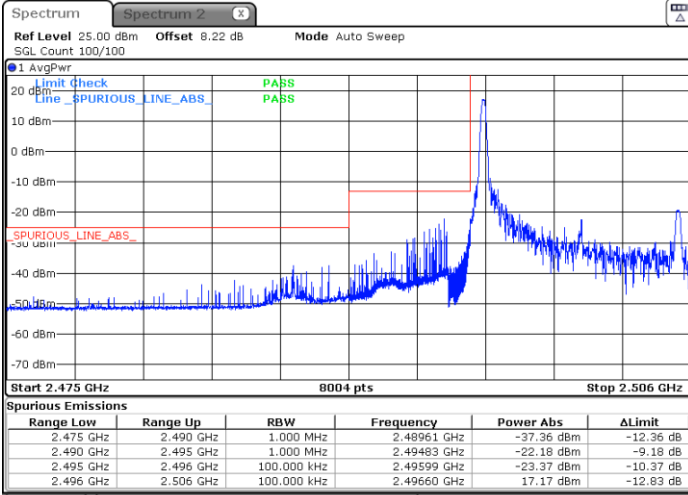
Date: 10.MAY.2024 06:49:13



LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

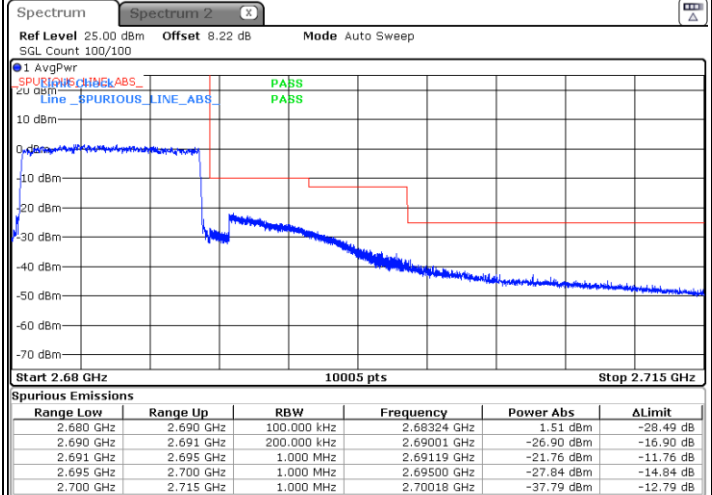
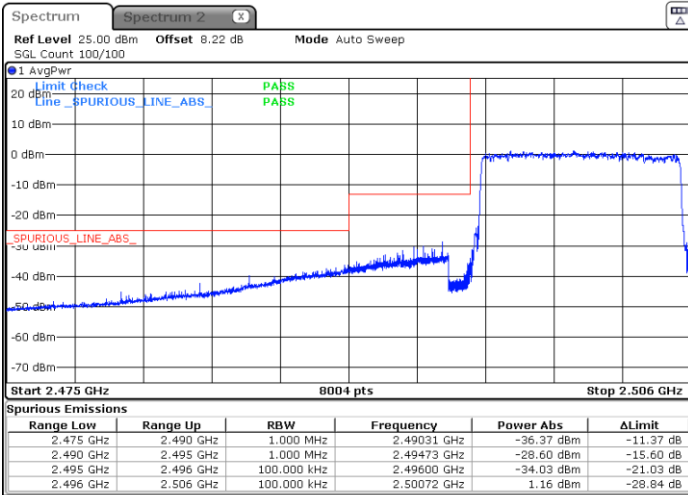


Date: 10.MAY.2024 06:31:11

Date: 10.MAY.2024 06:43:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.MAY.2024 06:32:43

Date: 10.MAY.2024 06:48:58