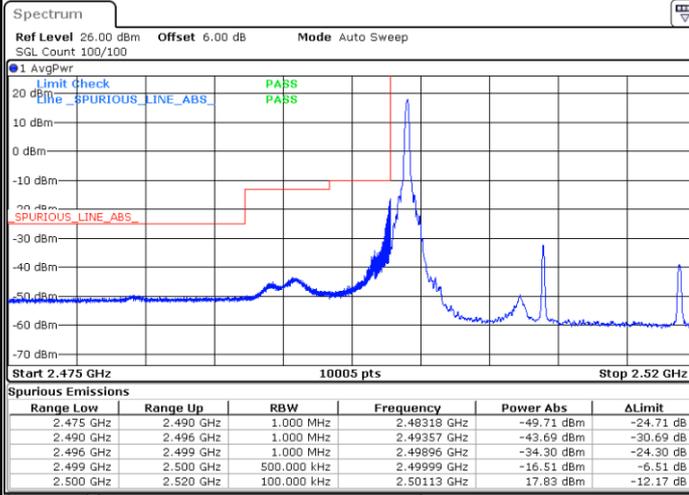




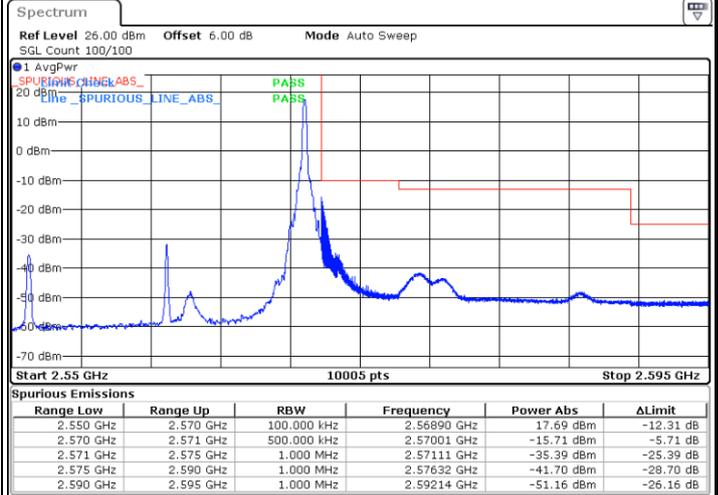
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



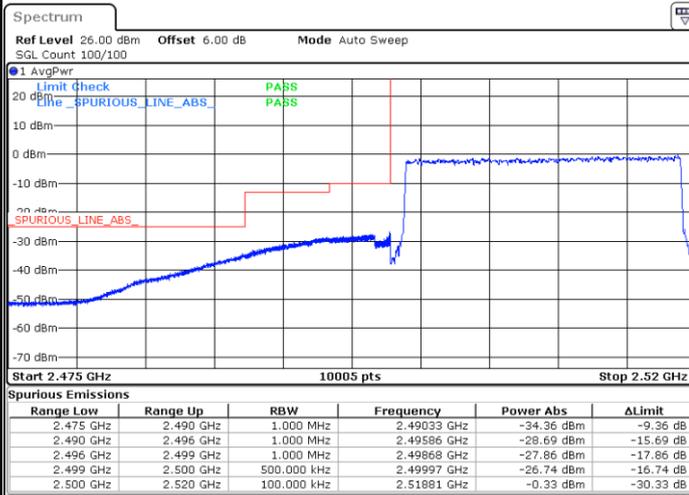
Date: 6.APR.2024 17:54:52

Highest Band Edge / 1 RB



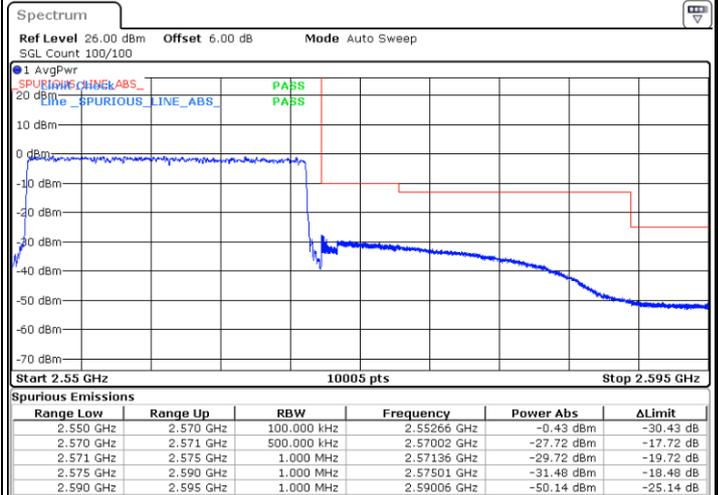
Date: 6.APR.2024 18:04:53

Lowest Band Edge / Full RB



Date: 6.APR.2024 17:51:05

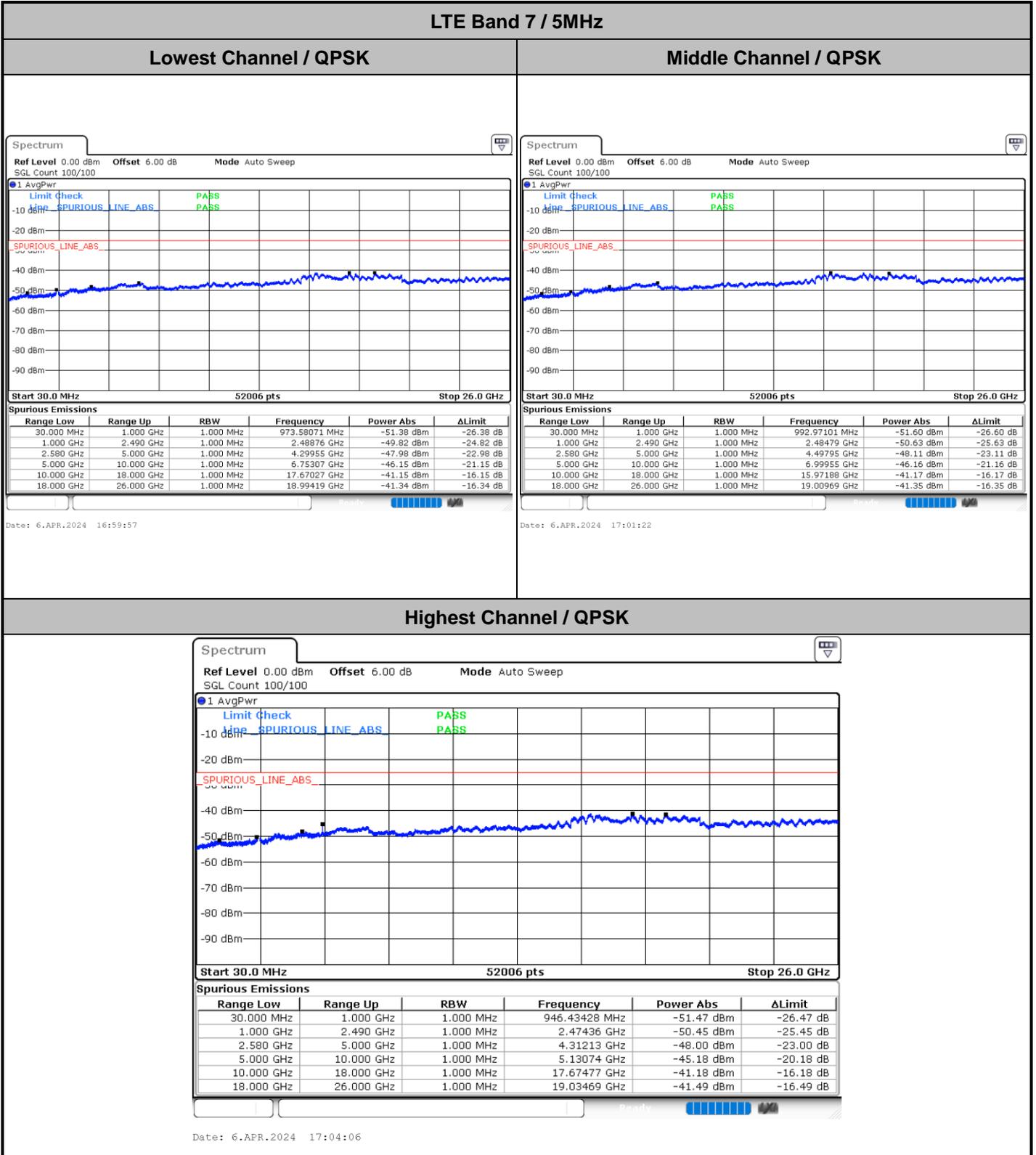
Highest Band Edge / Full RB



Date: 6.APR.2024 18:07:58



# Conducted Spurious Emission

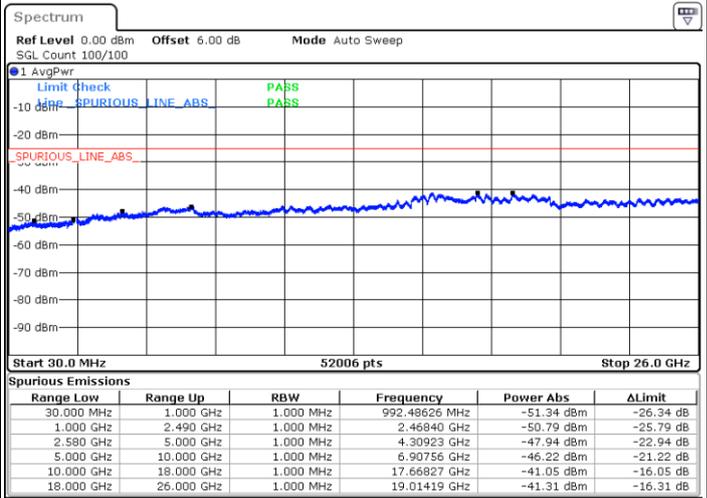
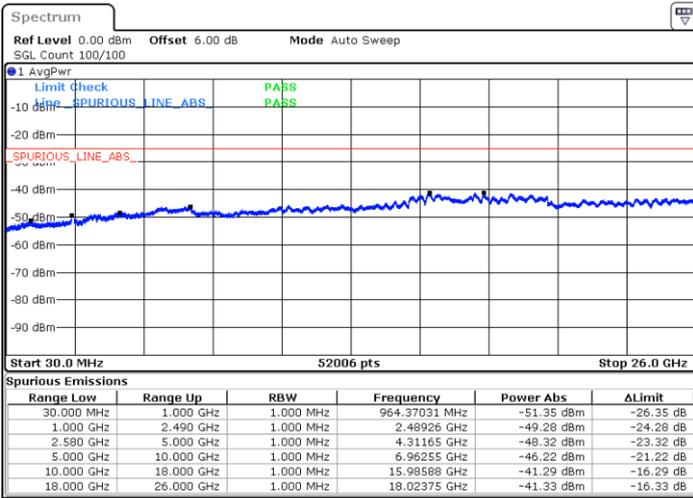




LTE Band 7 / 10MHz

Lowest Channel / QPSK

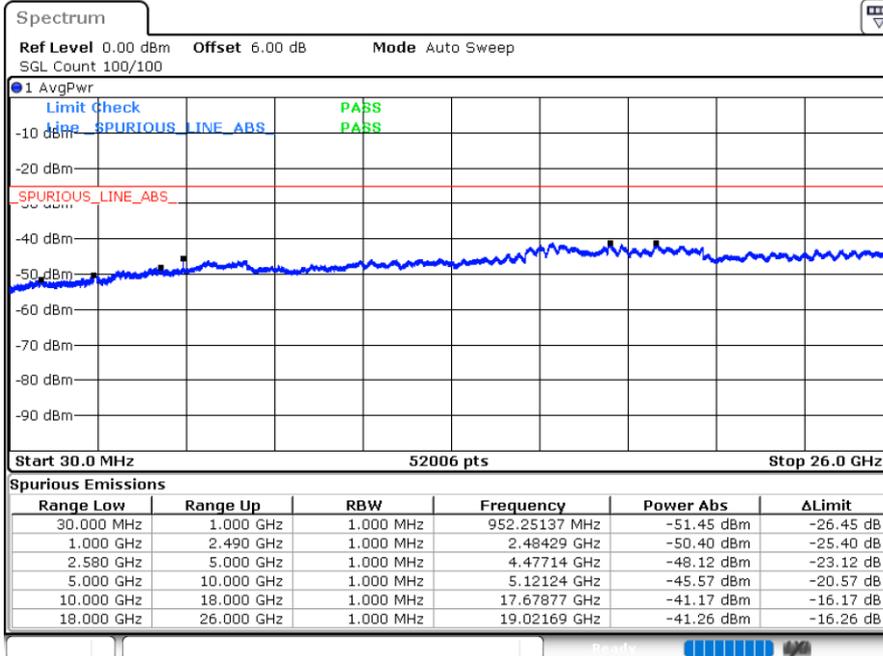
Middle Channel / QPSK



Date: 6.APR.2024 17:18:28

Date: 6.APR.2024 17:19:52

Highest Channel / QPSK



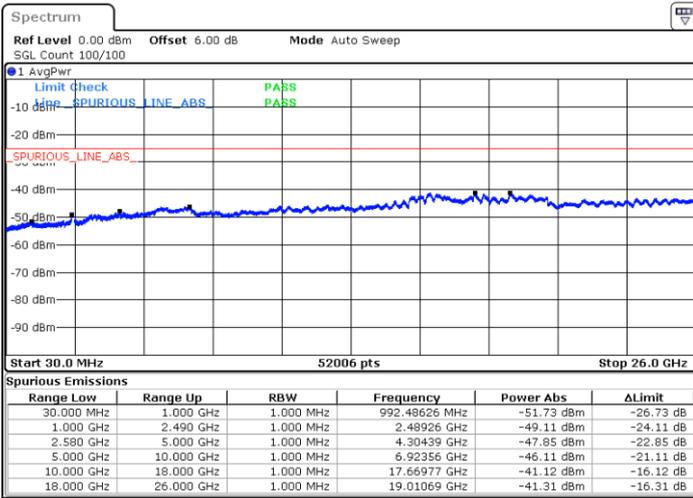
Date: 6.APR.2024 17:22:36



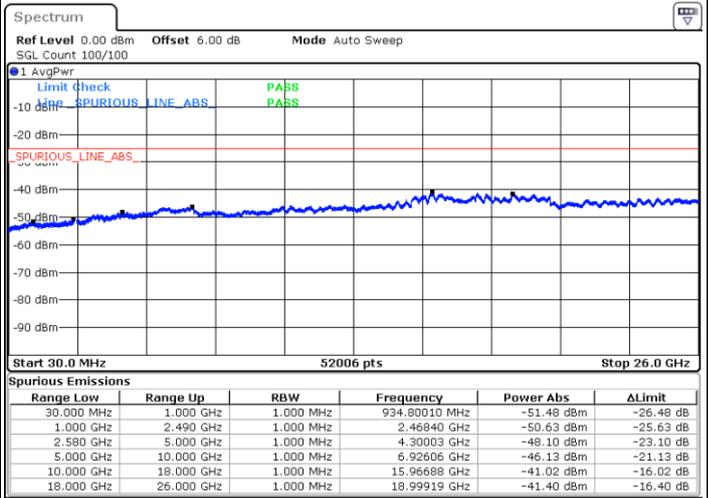
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

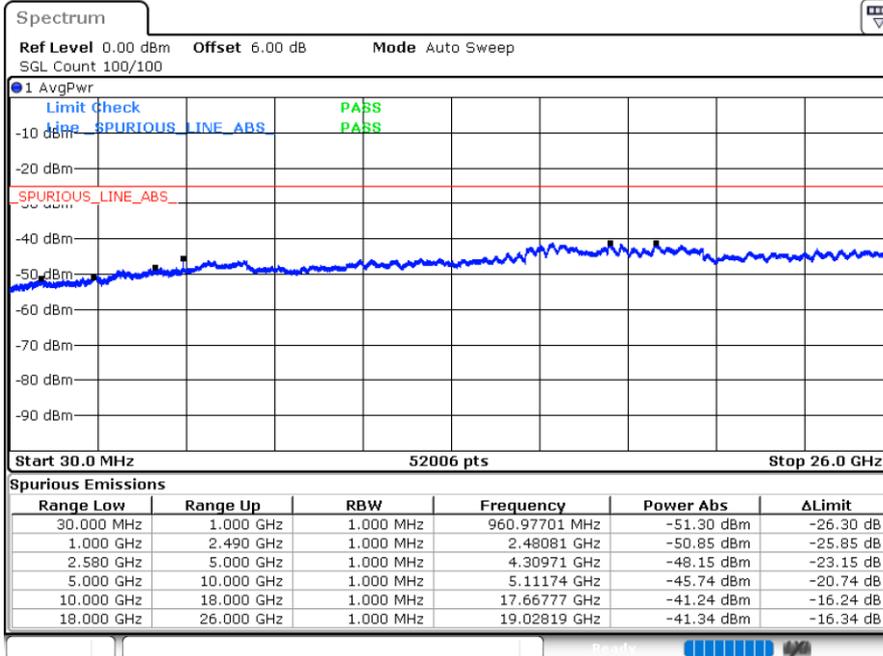


Date: 6.APR.2024 17:37:02



Date: 6.APR.2024 17:38:26

Highest Channel / QPSK



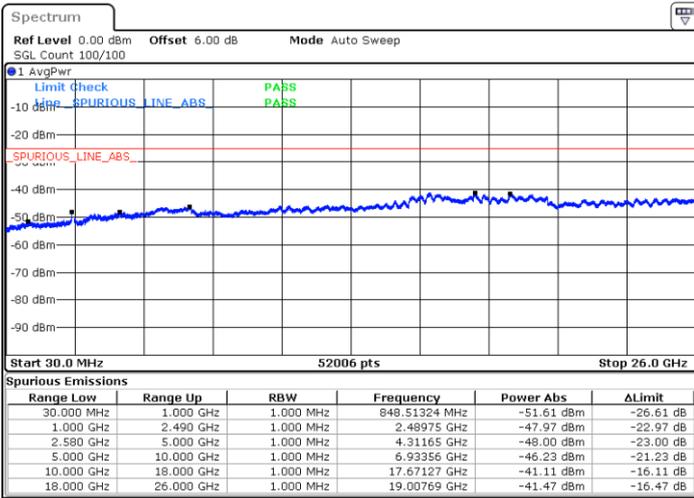
Date: 6.APR.2024 17:41:10



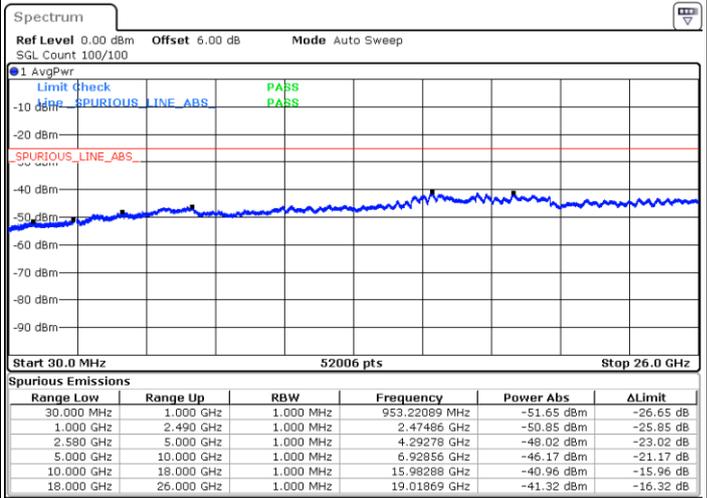
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

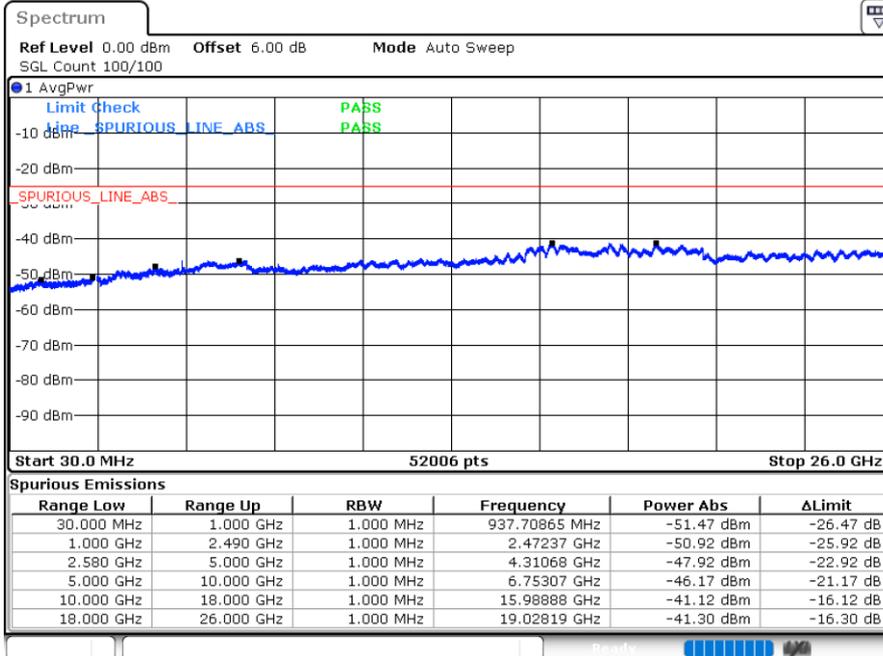


Date: 6.APR.2024 17:56:17



Date: 6.APR.2024 17:57:41

Highest Channel / QPSK



Date: 6.APR.2024 18:01:50



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	0.0023	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0014	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0029	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0016	

Note:

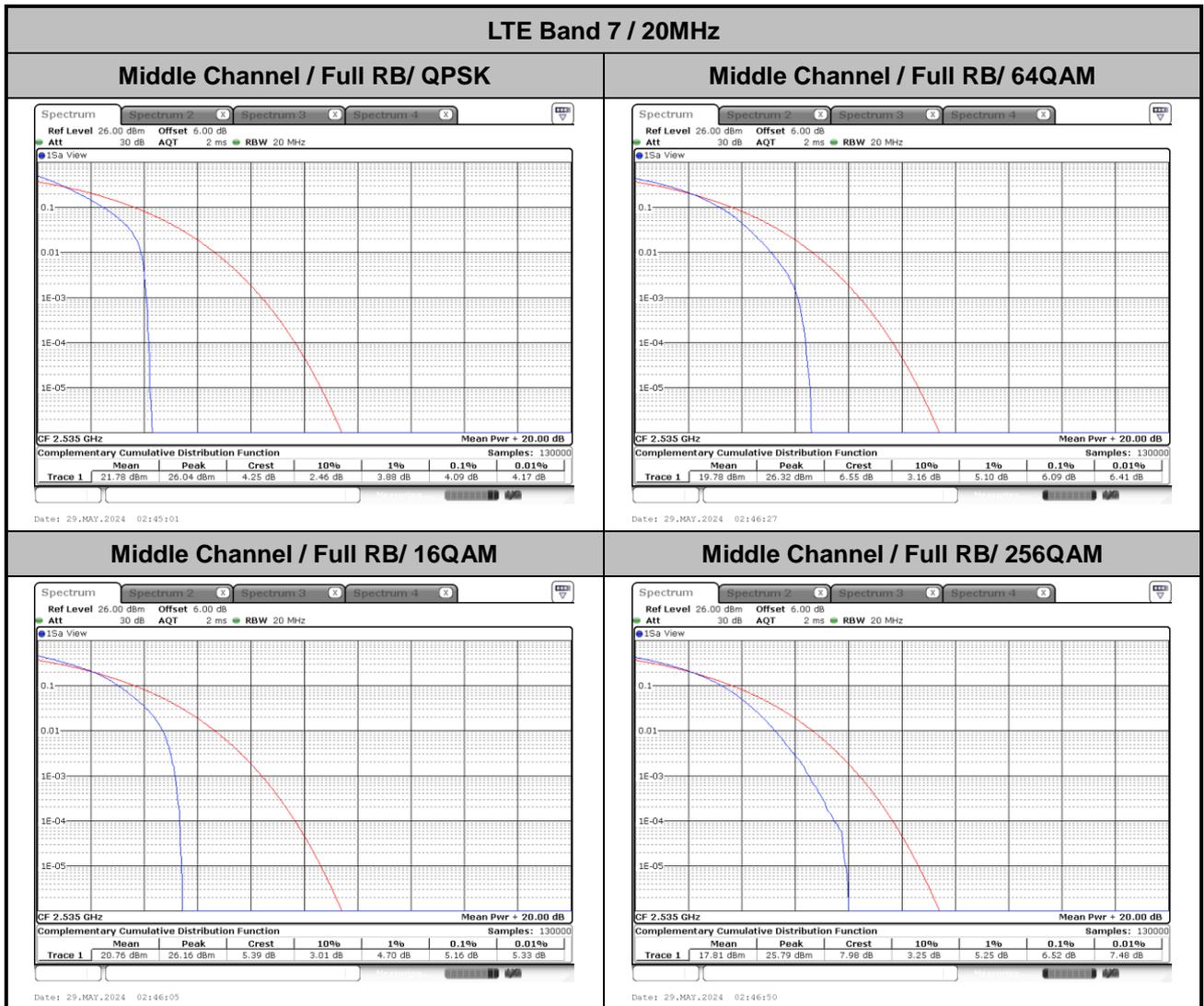
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 7(Other PA)

## Peak-to-Average Ratio

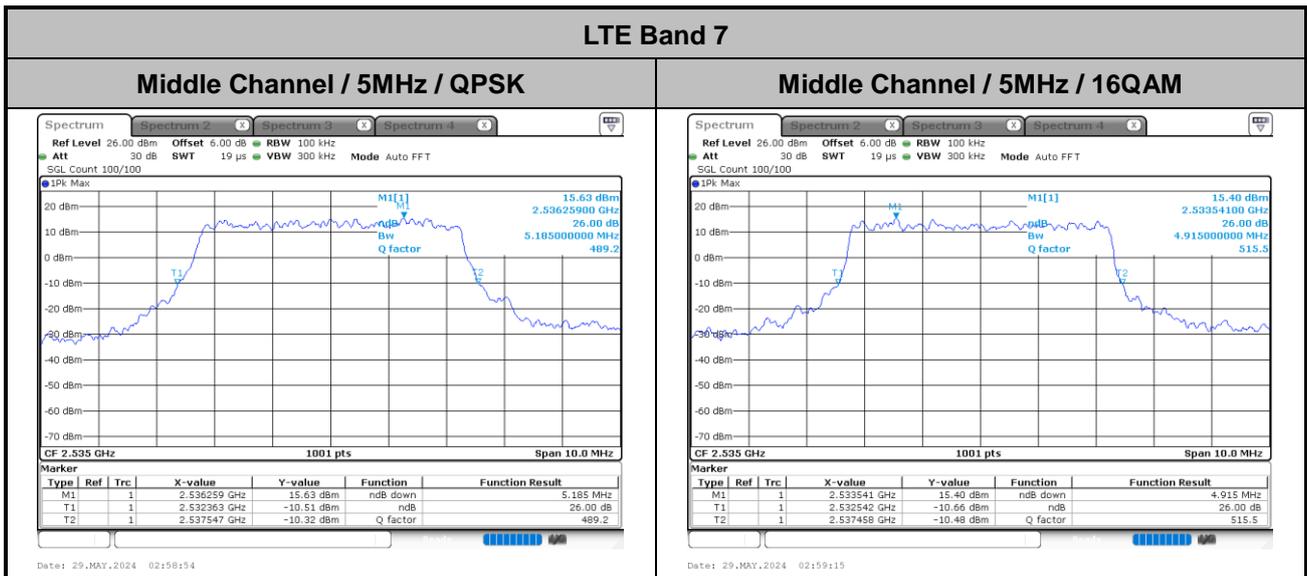
Mode	LTE Band 7 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.09	5.16	6.09	PASS
Mode	LTE Band 7 / 20MHz			
Mod.	256QAM			Limit: 13dB
RB Size	Full RB			Result
Middle CH	6.52			PASS





## 26dB Bandwidth

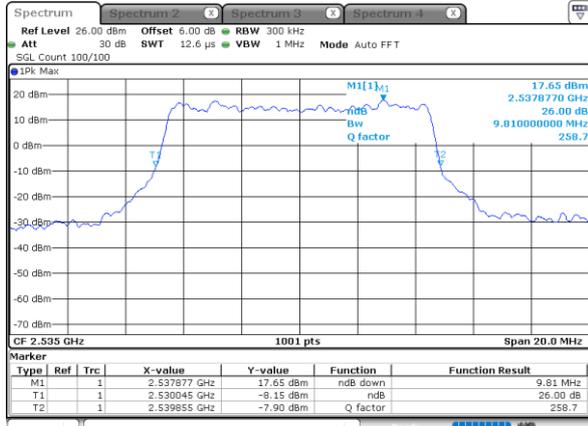
Mode	LTE Band 7 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.19	4.92
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.81	10.03
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.87	14.42
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.30	19.06





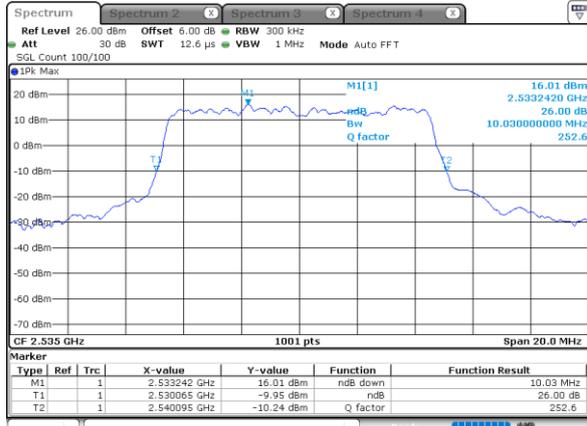
LTE Band 7

Middle Channel / 10MHz / QPSK



Date: 29\_MAY.2024 02:57:30

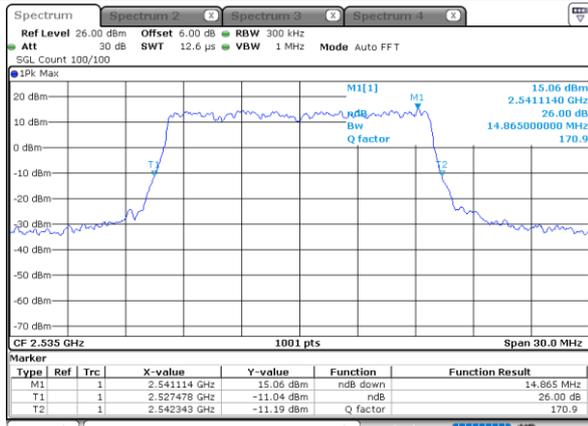
Middle Channel / 10MHz / 16QAM



Date: 29\_MAY.2024 02:57:51

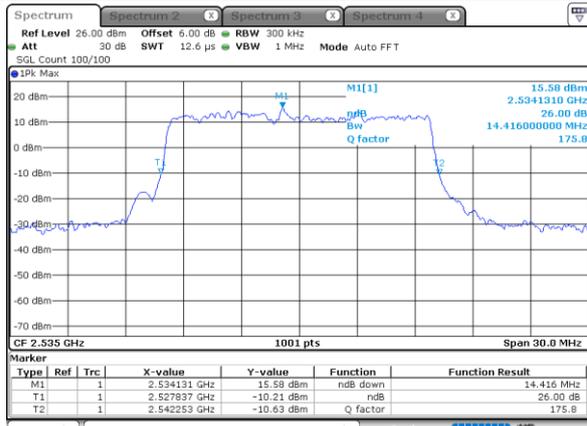
LTE Band 7

Middle Channel / 15MHz / QPSK



Date: 29\_MAY.2024 02:56:06

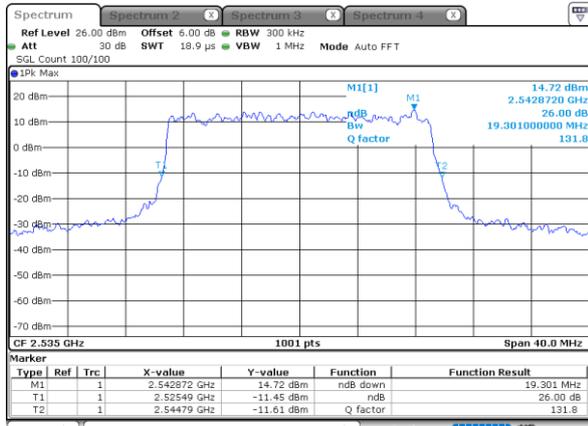
Middle Channel / 15MHz / 16QAM



Date: 29\_MAY.2024 02:56:27

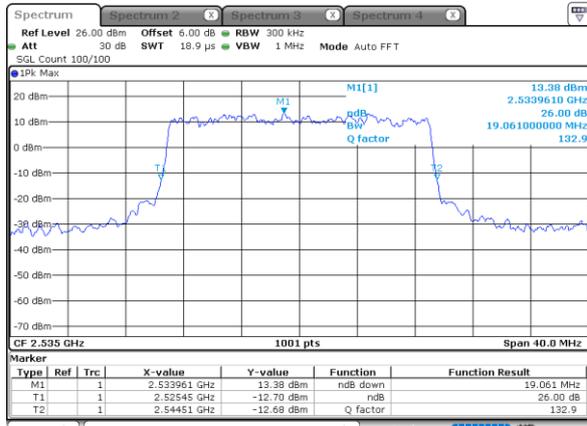
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 29\_MAY.2024 02:44:39

Middle Channel / 20MHz / 16QAM

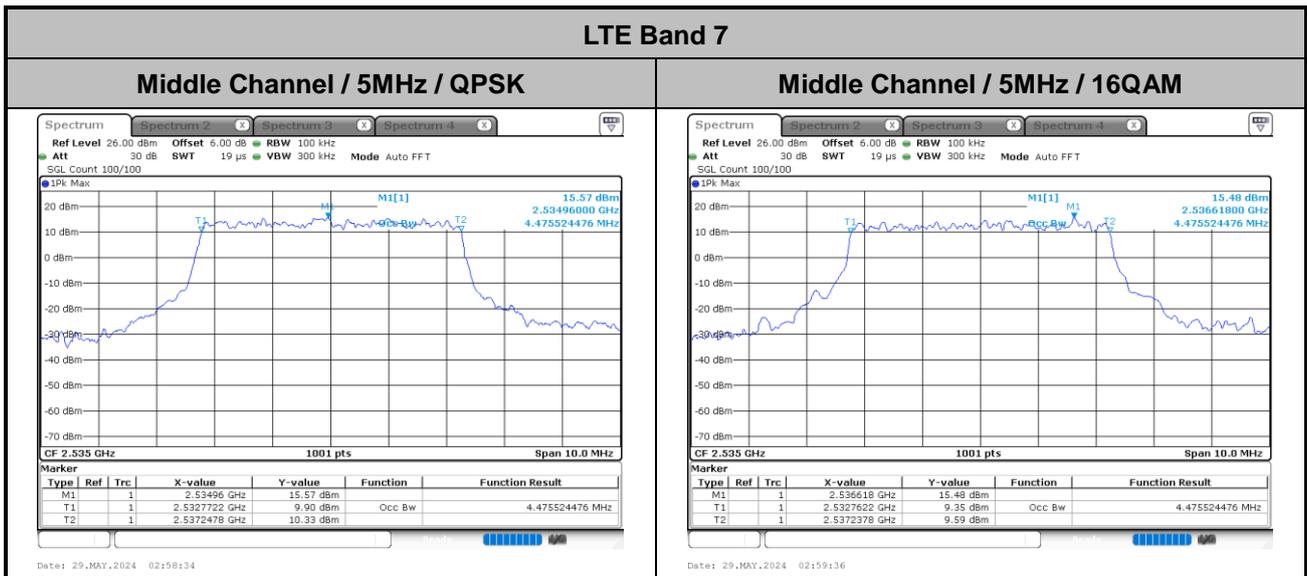


Date: 29\_MAY.2024 02:45:43



# Occupied Bandwidth

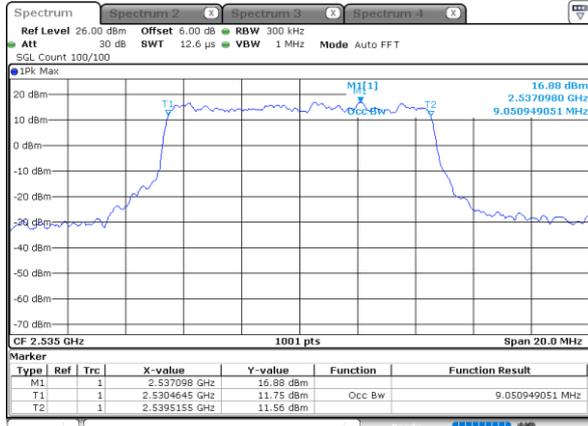
Mode	LTE Band 7 : 99%OBW(MHz)	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.48	4.48
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.05	9.05
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.43	13.49
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.90	17.98





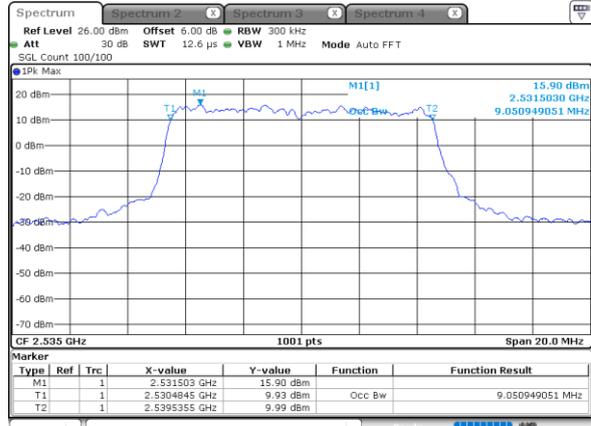
LTE Band 7

Middle Channel / 10MHz / QPSK



Date: 29\_MAY.2024 02:57:10

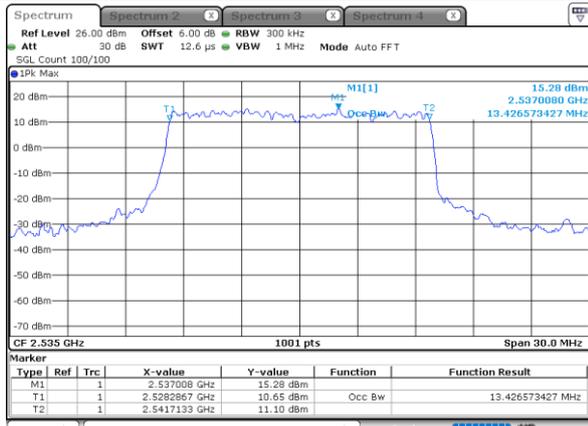
Middle Channel / 10MHz / 16QAM



Date: 29\_MAY.2024 02:58:12

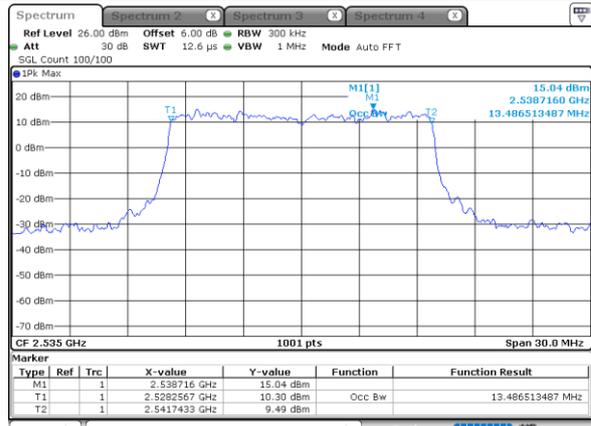
LTE Band 7

Middle Channel / 15MHz / QPSK



Date: 29\_MAY.2024 02:55:46

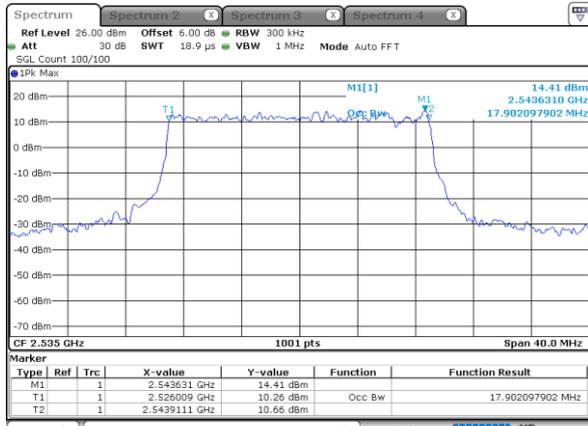
Middle Channel / 15MHz / 16QAM



Date: 29\_MAY.2024 02:56:48

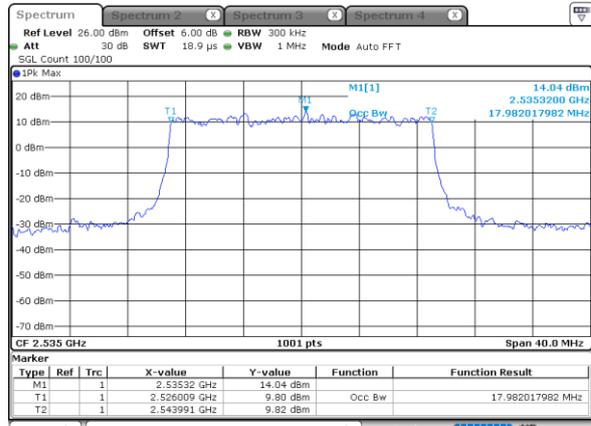
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 29\_MAY.2024 02:44:18

Middle Channel / 20MHz / 16QAM



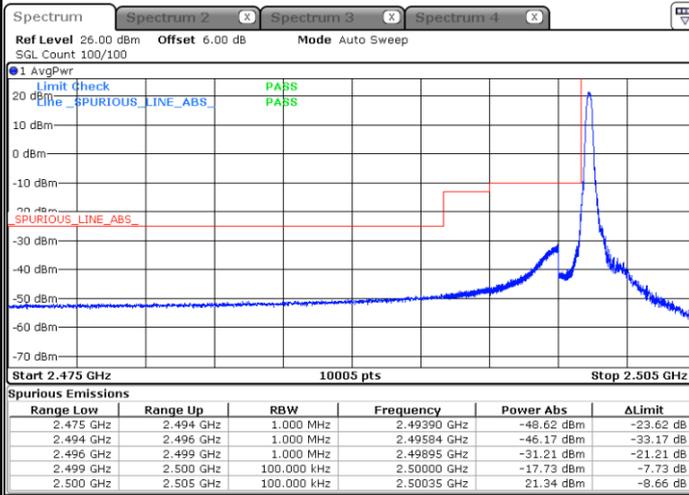
Date: 29\_MAY.2024 02:45:22



# Conducted Band Edge

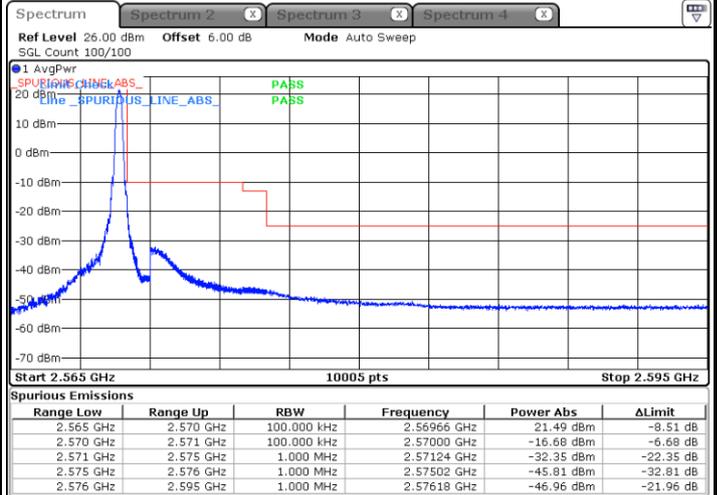
## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



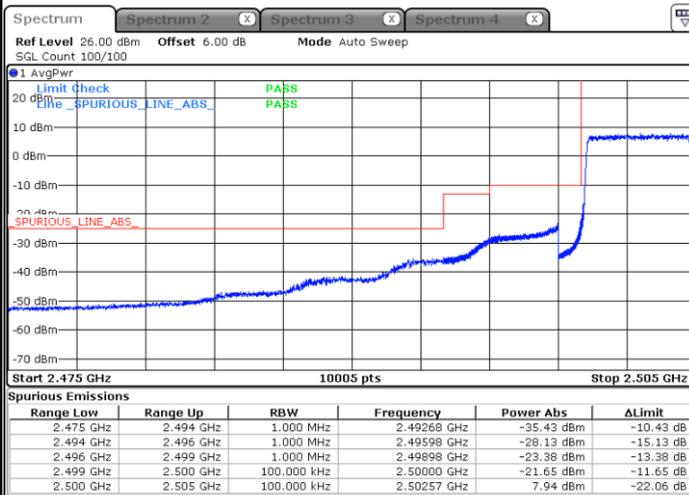
Date: 29.MAY.2024 00:57:19

### Highest Band Edge / 1 RB



Date: 29.MAY.2024 01:09:11

### Lowest Band Edge / Full RB



Date: 29.MAY.2024 00:47:21

### Highest Band Edge / Full RB

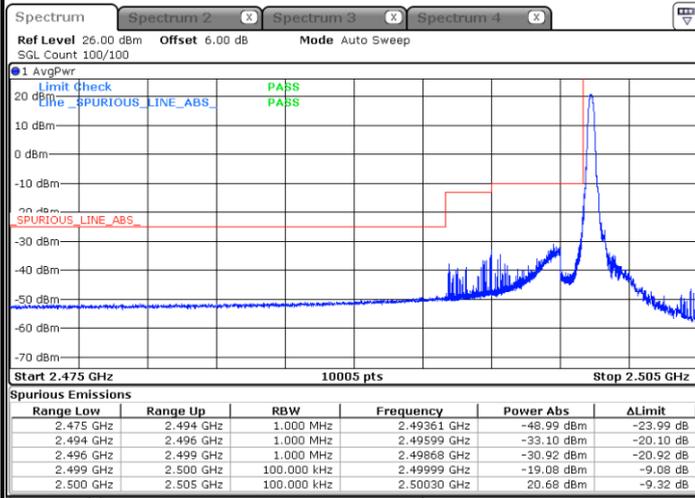


Date: 29.MAY.2024 01:14:02



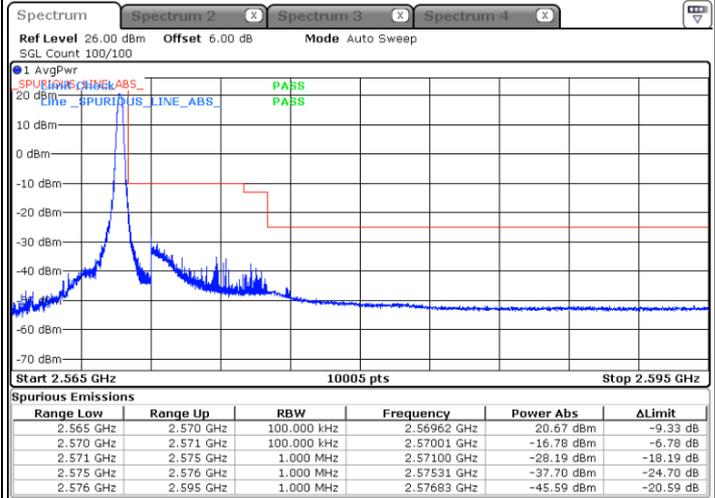
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



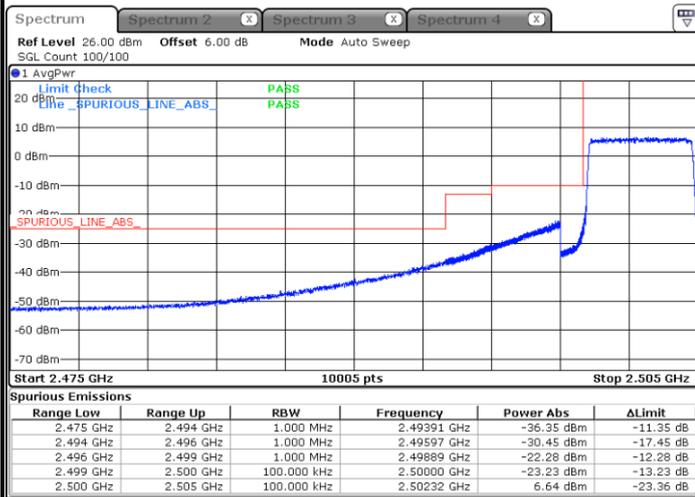
Date: 29.MAY.2024 00:58:14

Highest Band Edge / 1 RB



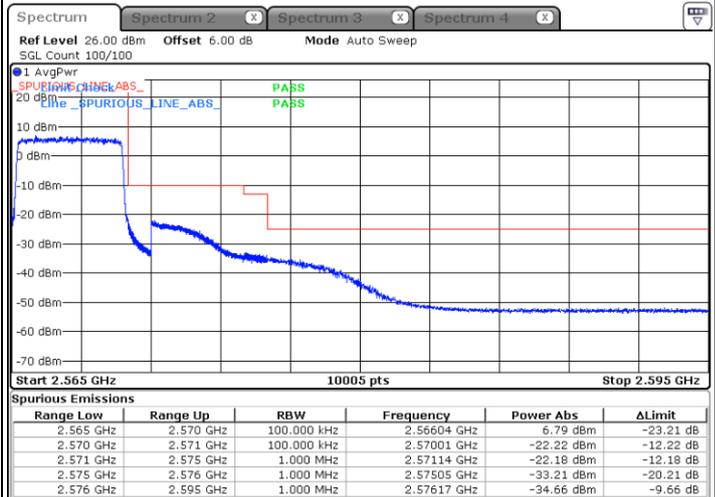
Date: 29.MAY.2024 01:10:06

Lowest Band Edge / Full RB



Date: 29.MAY.2024 00:48:16

Highest Band Edge / Full RB

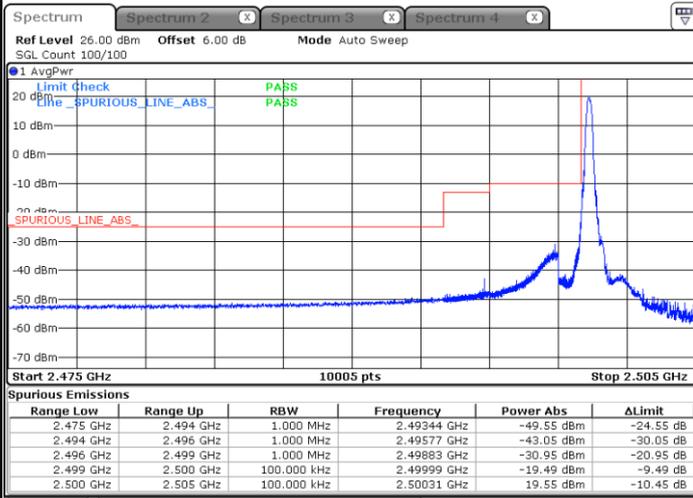


Date: 29.MAY.2024 01:14:57



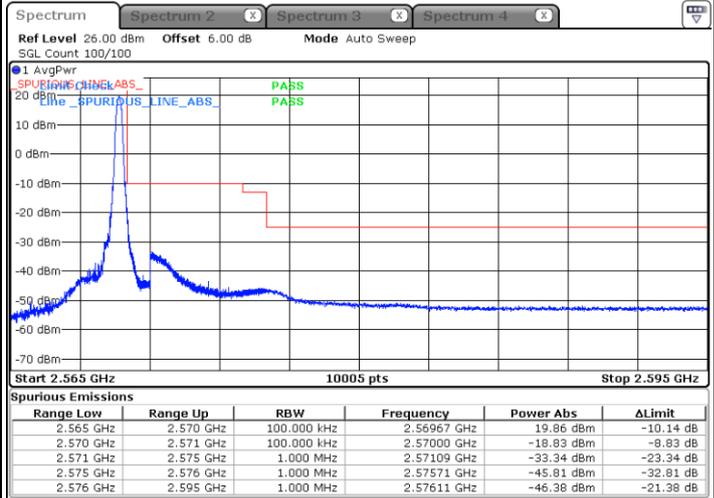
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



Date: 29.MAY.2024 00:59:10

Highest Band Edge / 1 RB



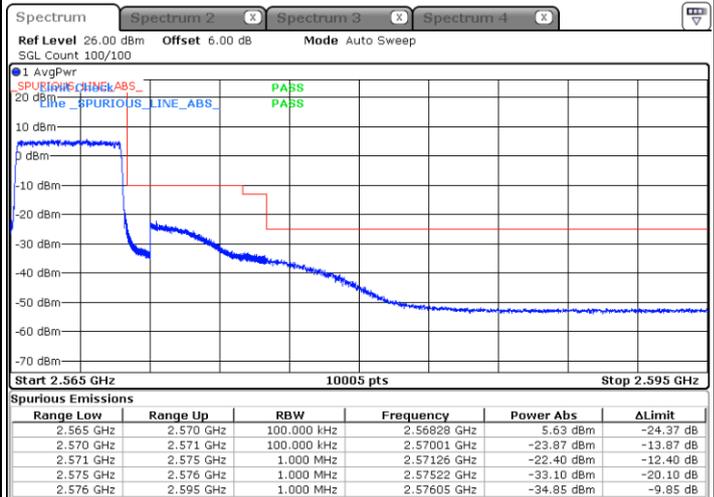
Date: 29.MAY.2024 01:11:02

Lowest Band Edge / Full RB



Date: 29.MAY.2024 00:49:12

Highest Band Edge / Full RB



Date: 29.MAY.2024 01:15:53



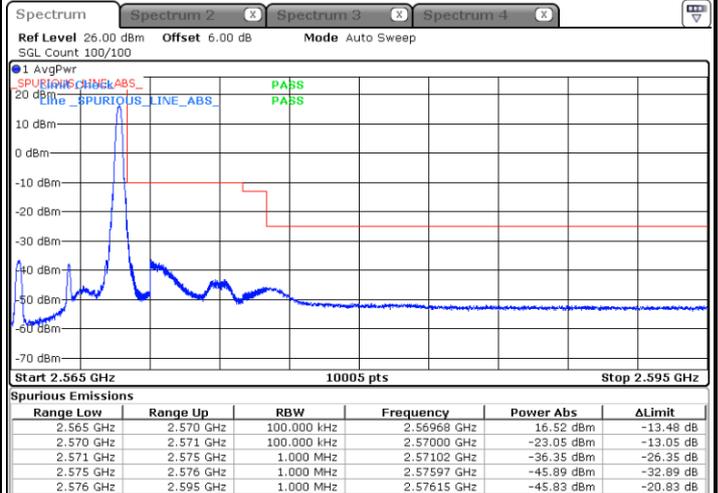
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



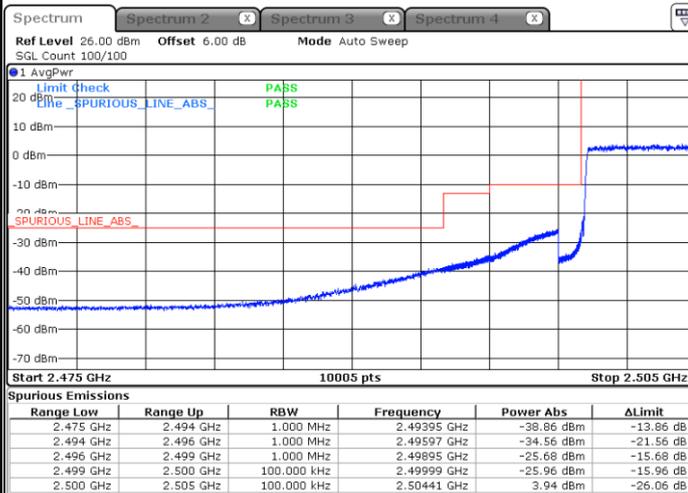
Date: 29.MAY.2024 01:00:06

Highest Band Edge / 1 RB



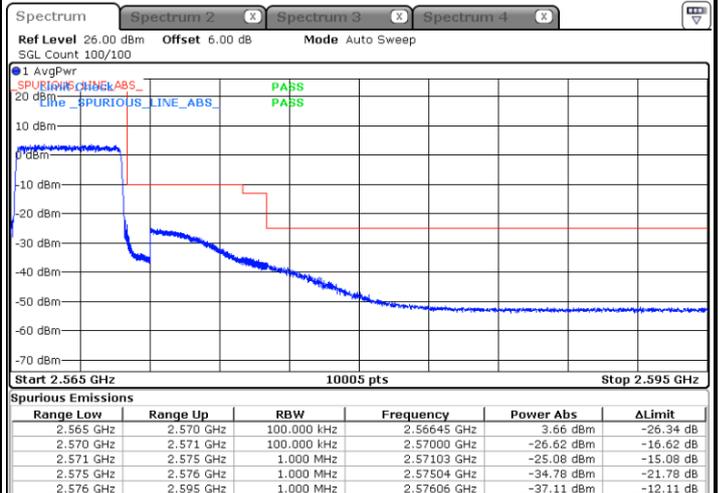
Date: 29.MAY.2024 01:11:57

Lowest Band Edge / Full RB



Date: 29.MAY.2024 00:50:08

Highest Band Edge / Full RB



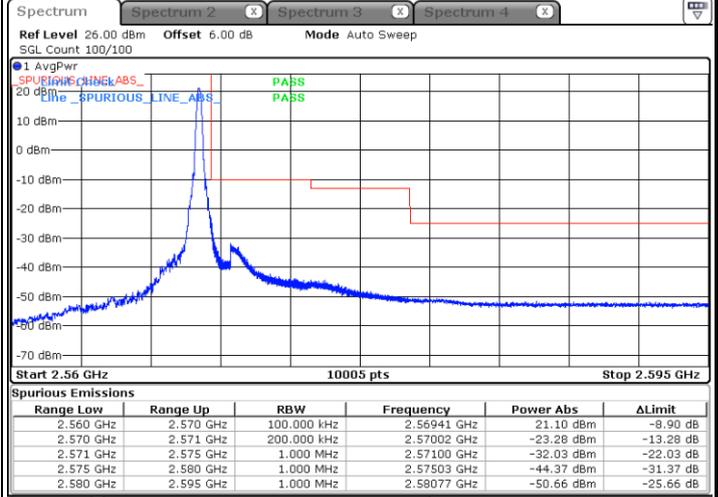
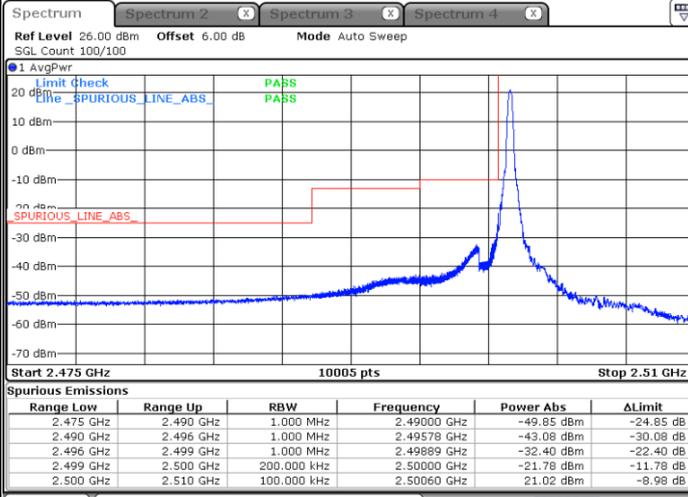
Date: 29.MAY.2024 01:16:49



LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

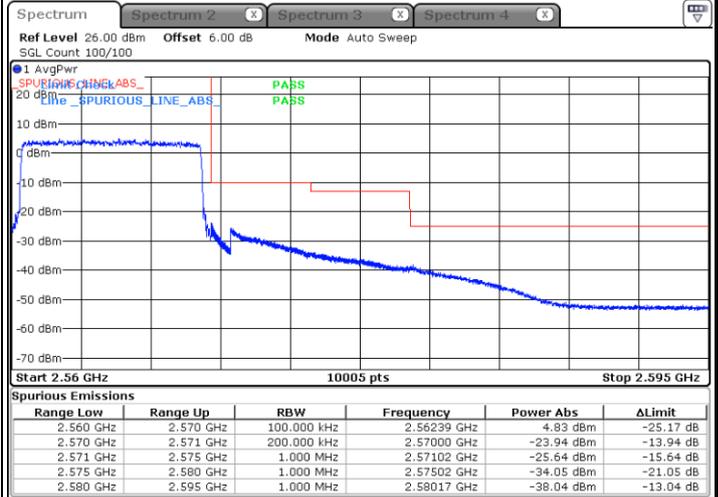
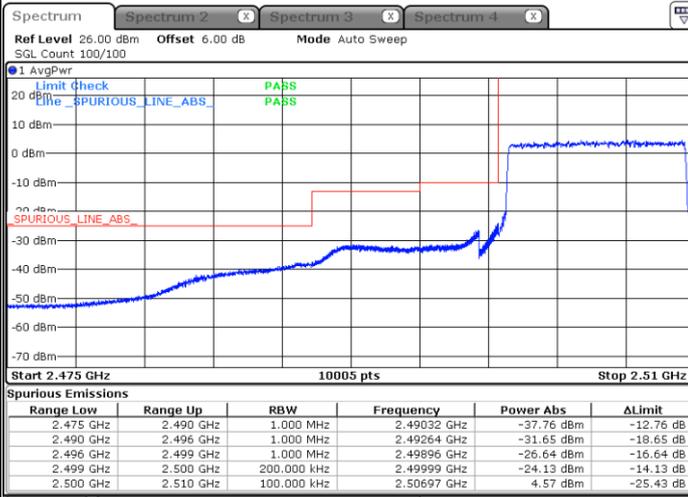


Date: 29.MAY.2024 01:24:46

Date: 29.MAY.2024 01:33:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.MAY.2024 01:18:41

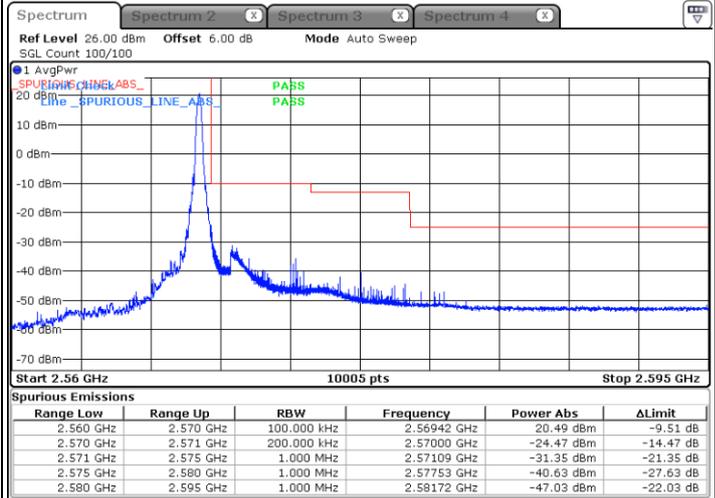
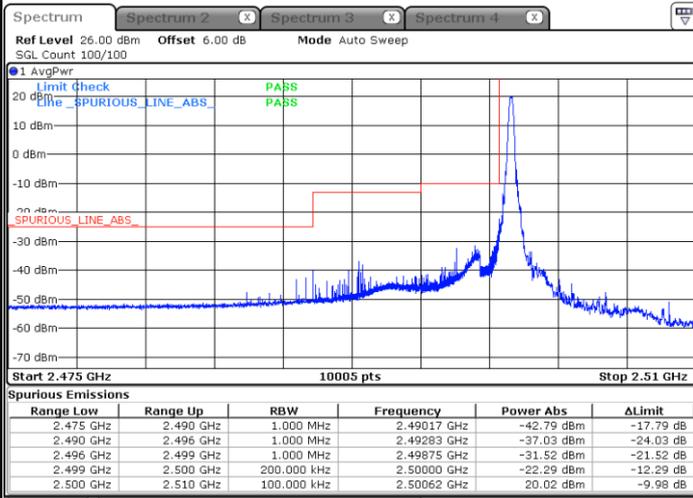
Date: 29.MAY.2024 01:37:02



LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

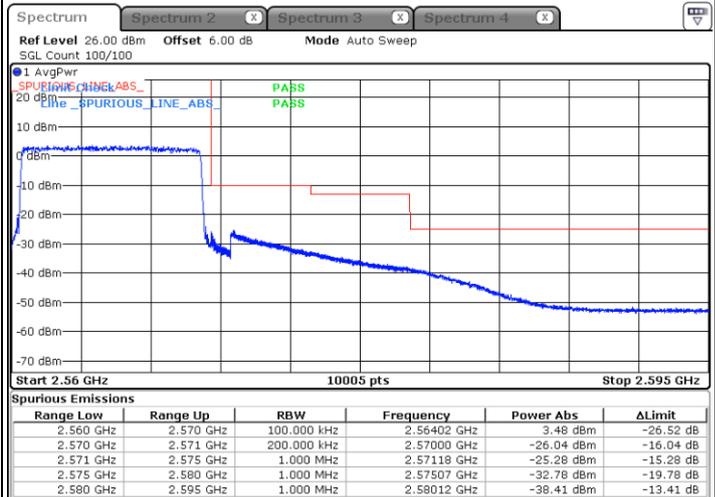
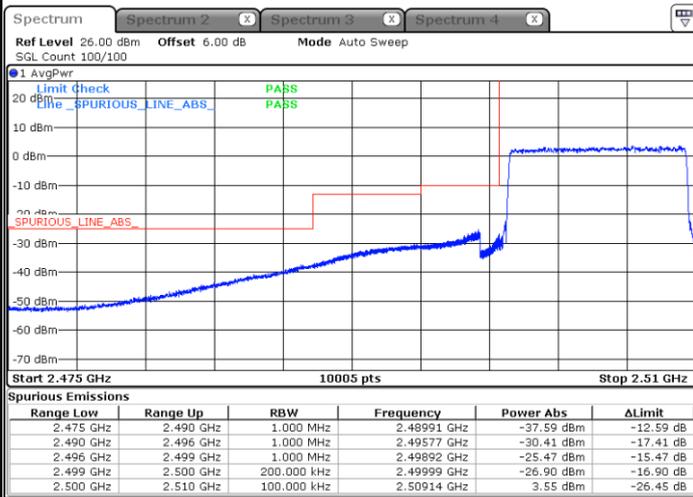


Date: 29.MAY.2024 01:25:41

Date: 29.MAY.2024 01:34:12

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



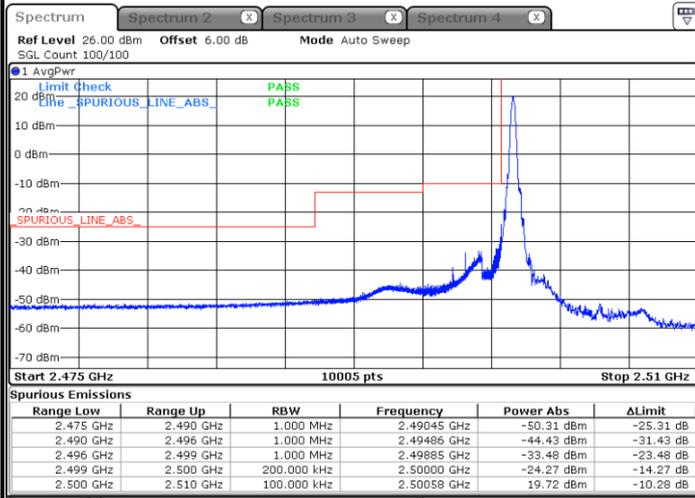
Date: 29.MAY.2024 01:19:36

Date: 29.MAY.2024 01:37:58



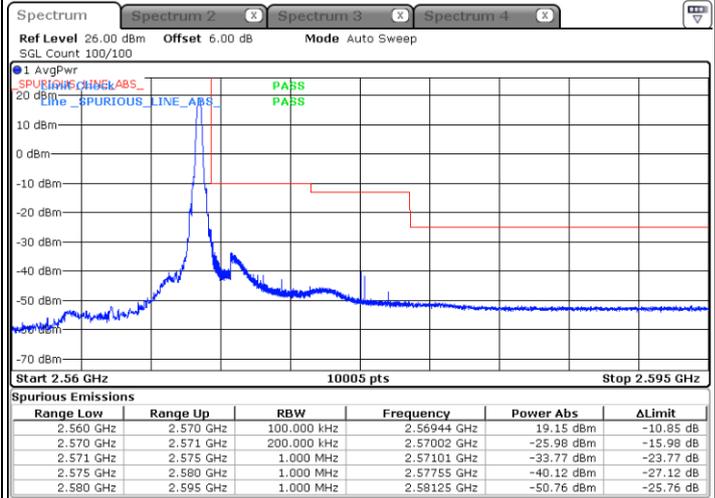
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



Date: 29.MAY.2024 01:26:36

Highest Band Edge / 1 RB



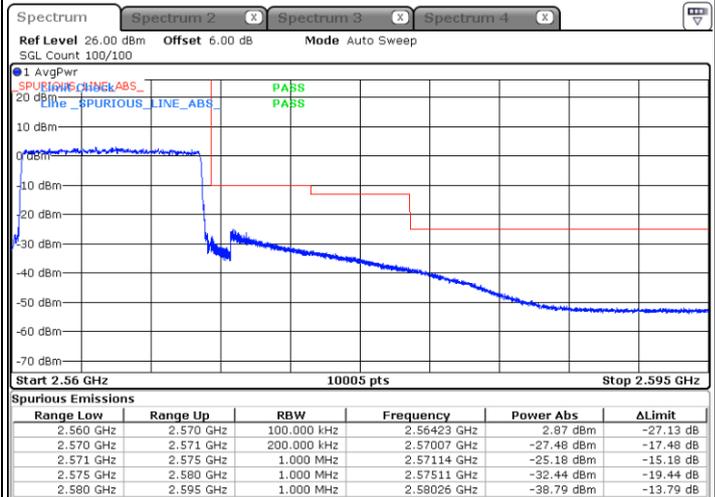
Date: 29.MAY.2024 01:35:07

Lowest Band Edge / Full RB



Date: 29.MAY.2024 01:20:31

Highest Band Edge / Full RB

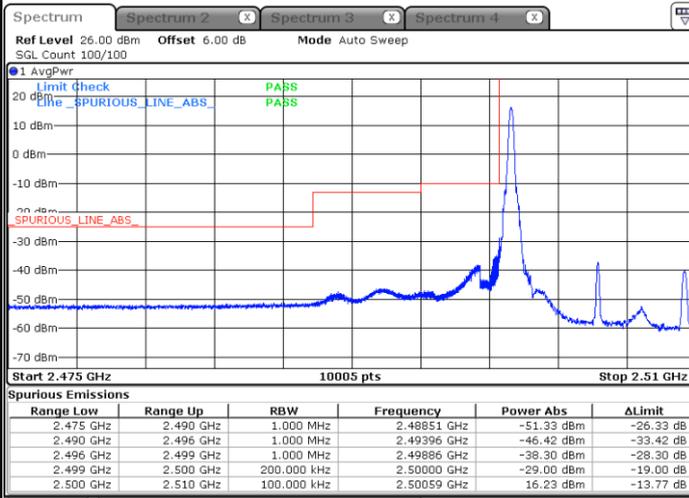


Date: 29.MAY.2024 01:38:53



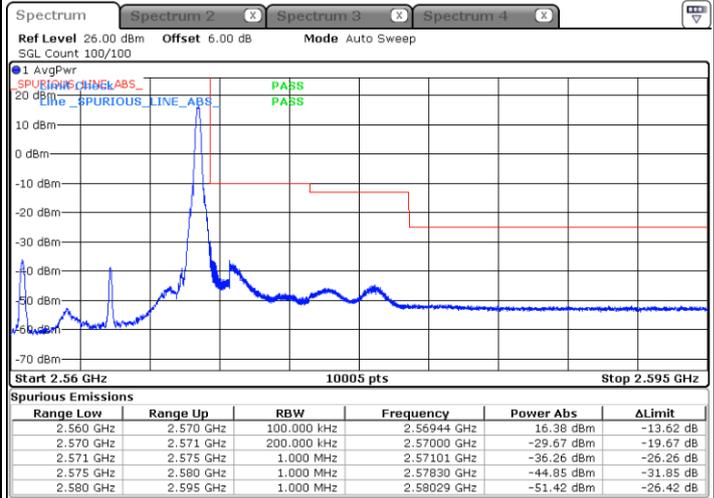
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



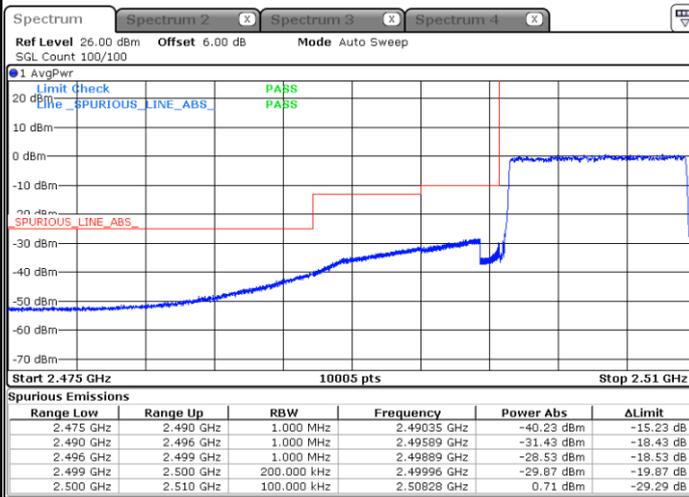
Date: 29.MAY.2024 01:27:32

Highest Band Edge / 1 RB



Date: 29.MAY.2024 01:36:03

Lowest Band Edge / Full RB



Date: 29.MAY.2024 01:21:26

Highest Band Edge / Full RB



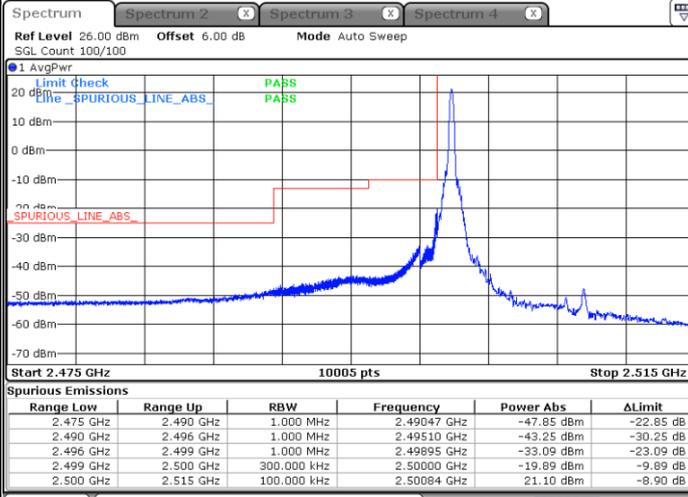
Date: 29.MAY.2024 01:39:49



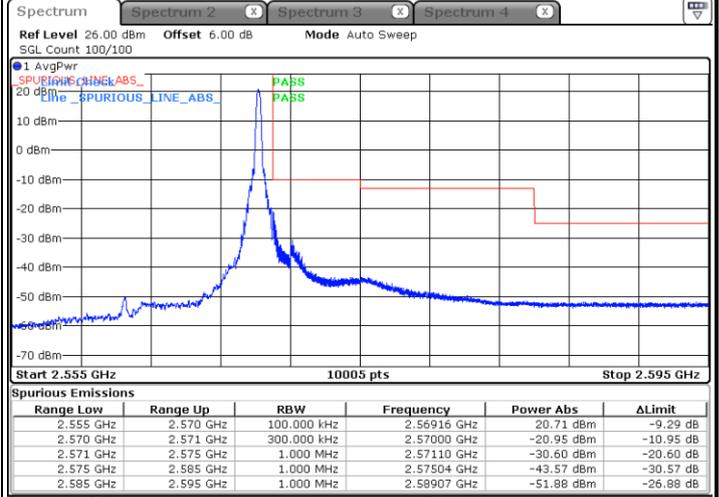
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



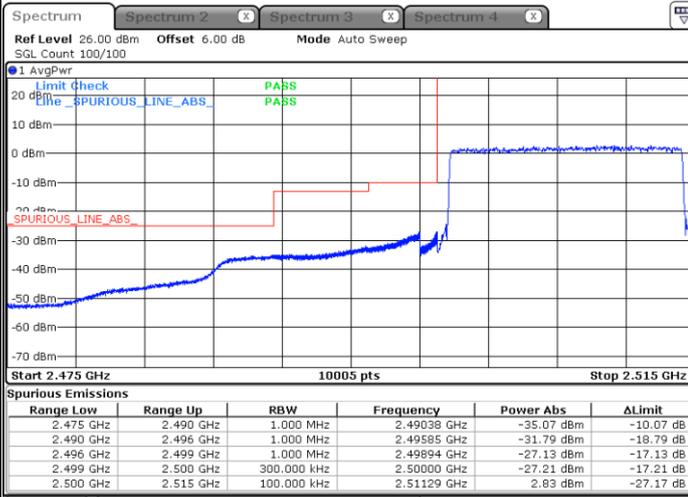
Date: 29.MAY.2024 01:48:42



Date: 29.MAY.2024 01:56:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29.MAY.2024 01:44:33

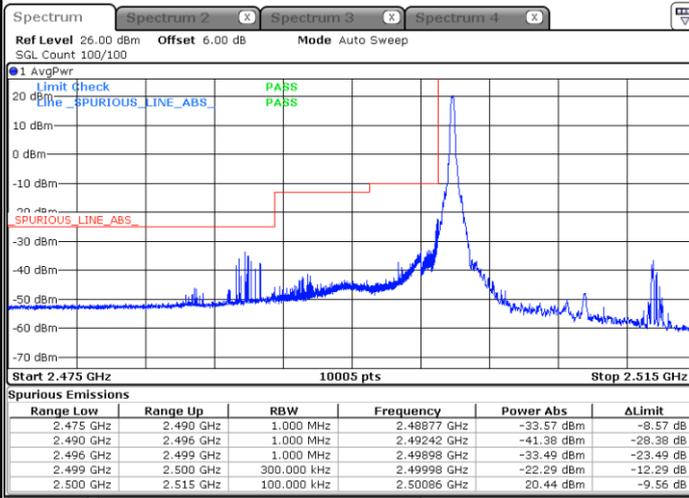


Date: 29.MAY.2024 02:00:12



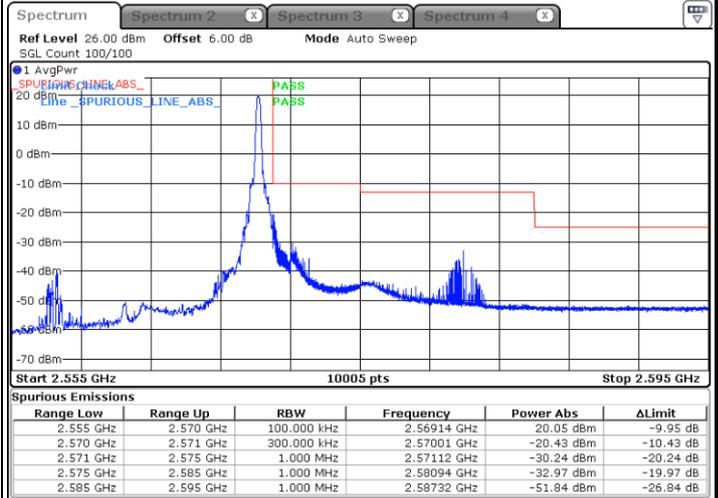
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



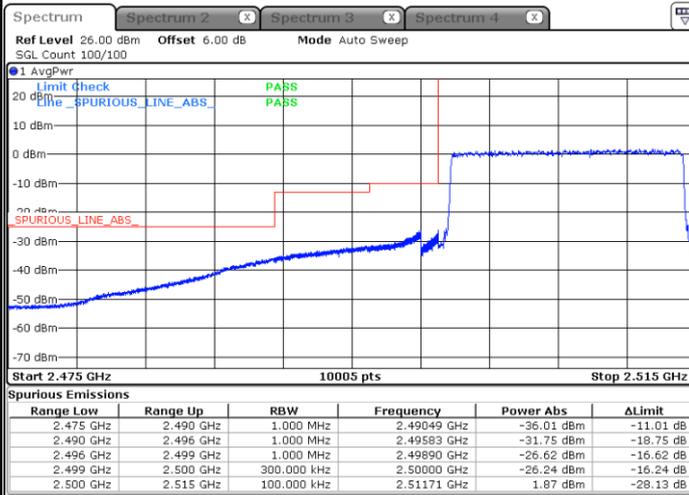
Date: 29.MAY.2024 01:49:38

Highest Band Edge / 1 RB



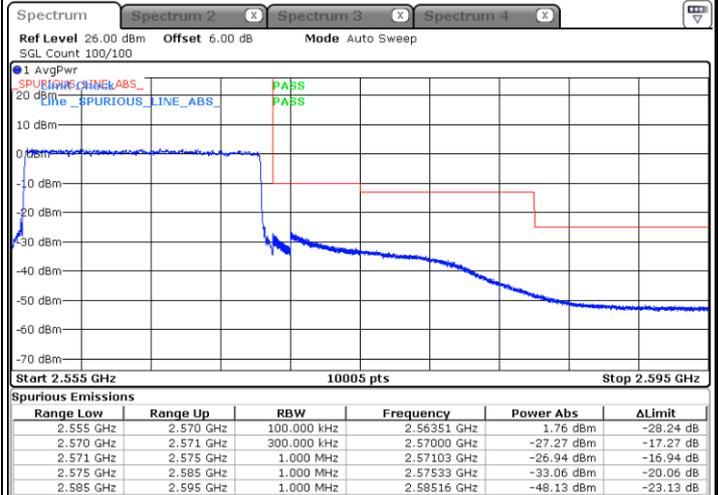
Date: 29.MAY.2024 01:57:22

Lowest Band Edge / Full RB



Date: 29.MAY.2024 01:45:28

Highest Band Edge / Full RB

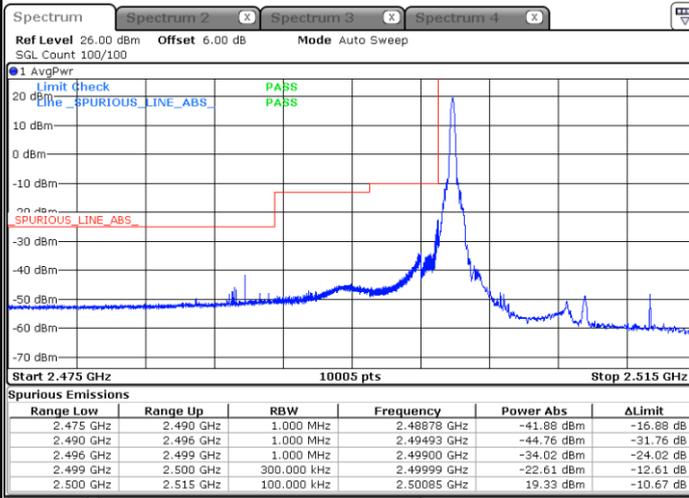


Date: 29.MAY.2024 02:01:07



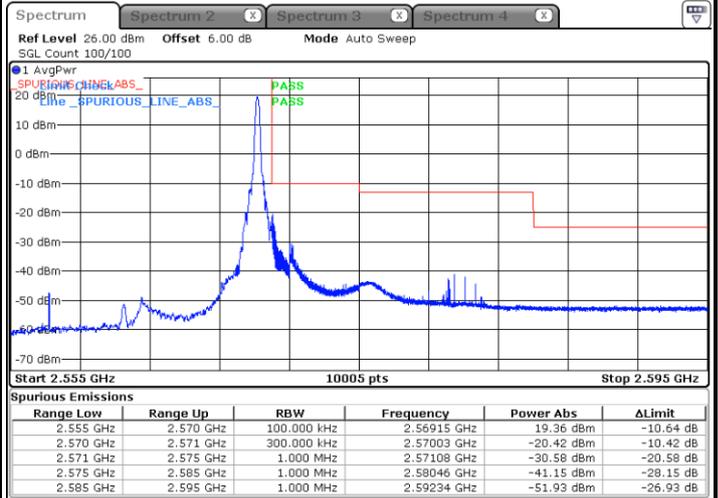
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



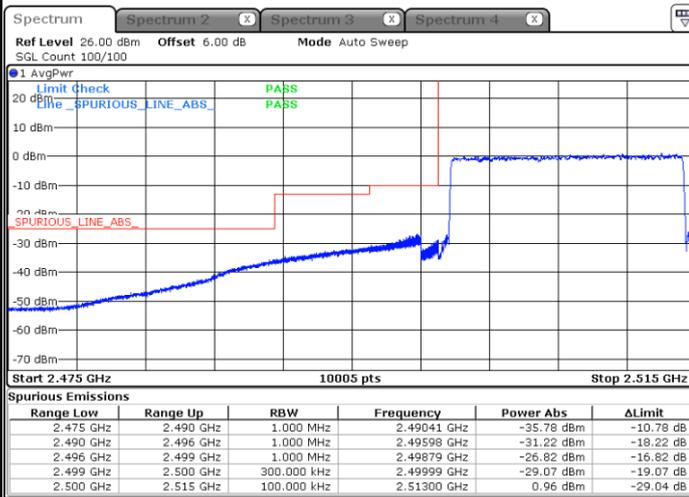
Date: 29.MAY.2024 01:50:34

Highest Band Edge / 1 RB



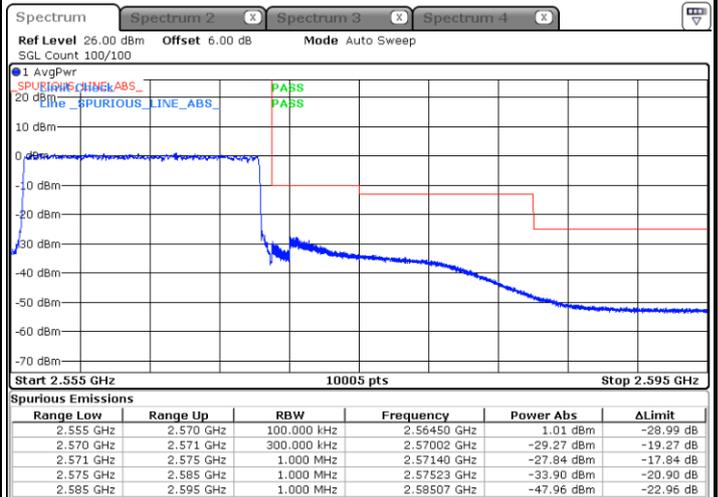
Date: 29.MAY.2024 01:58:17

Lowest Band Edge / Full RB



Date: 29.MAY.2024 01:46:24

Highest Band Edge / Full RB

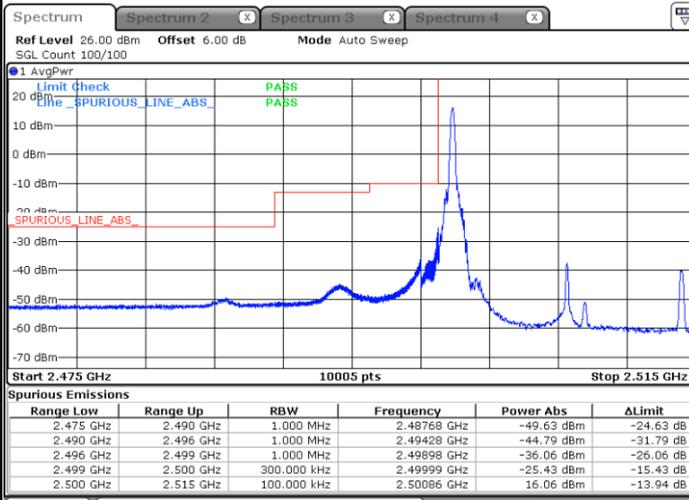


Date: 29.MAY.2024 02:02:02



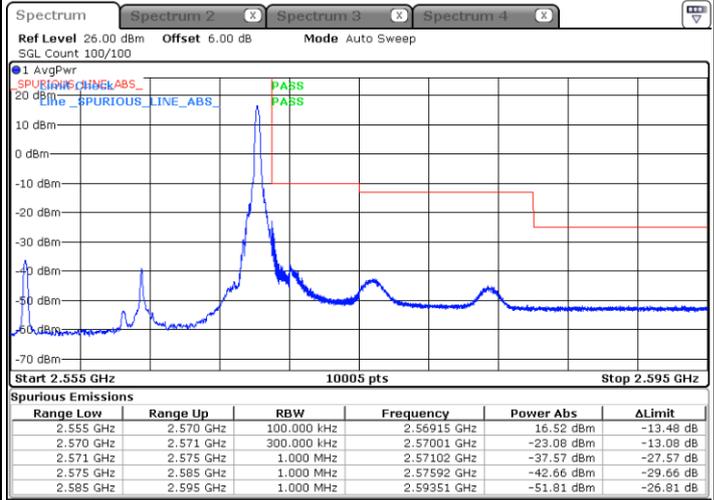
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



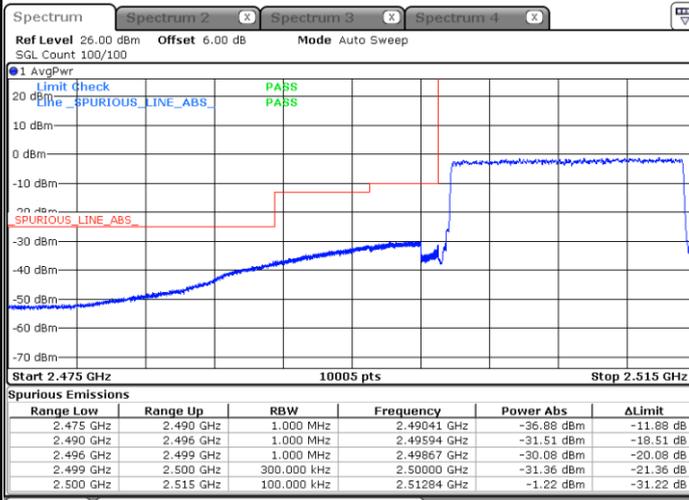
Date: 29.MAY.2024 01:51:30

Highest Band Edge / 1 RB



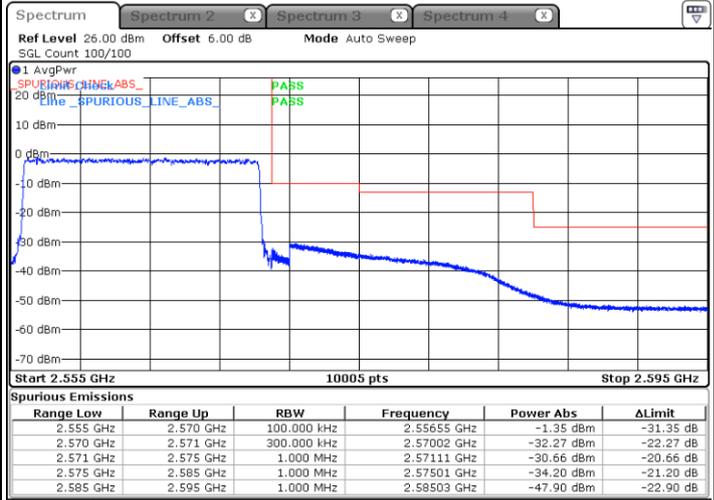
Date: 29.MAY.2024 01:59:13

Lowest Band Edge / Full RB



Date: 29.MAY.2024 01:47:19

Highest Band Edge / Full RB

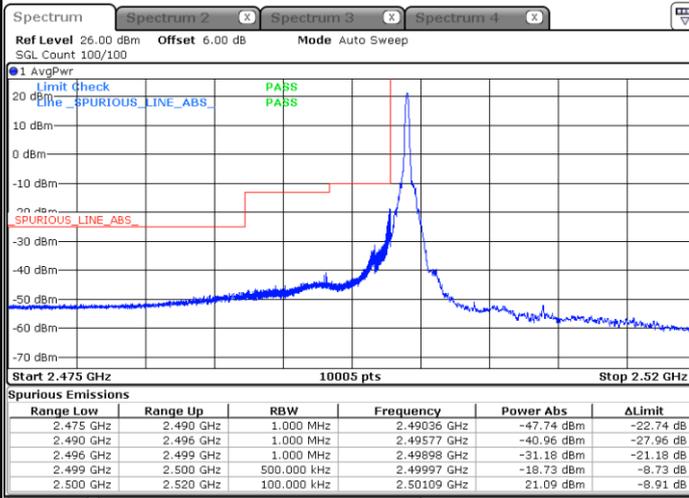


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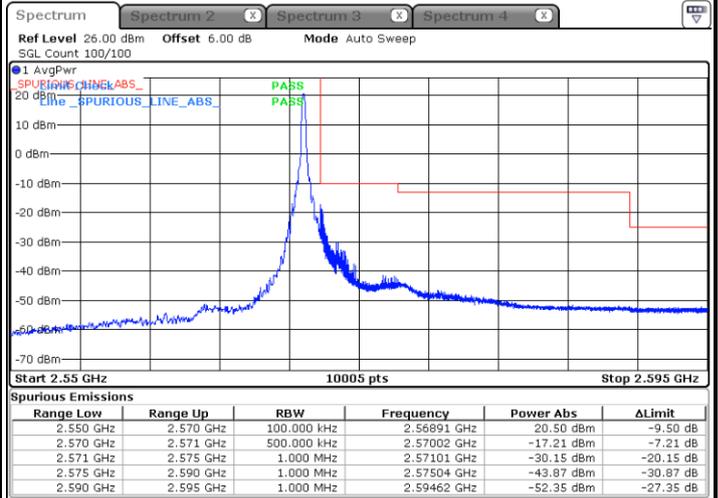
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



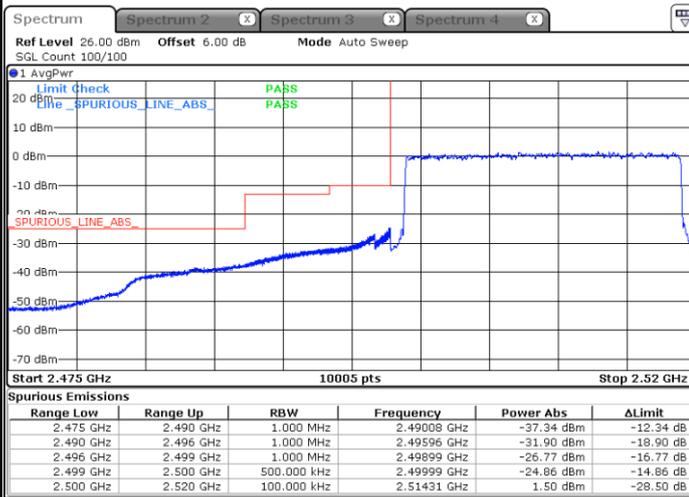
Date: 29.MAY.2024 02:29:25

Highest Band Edge / 1 RB



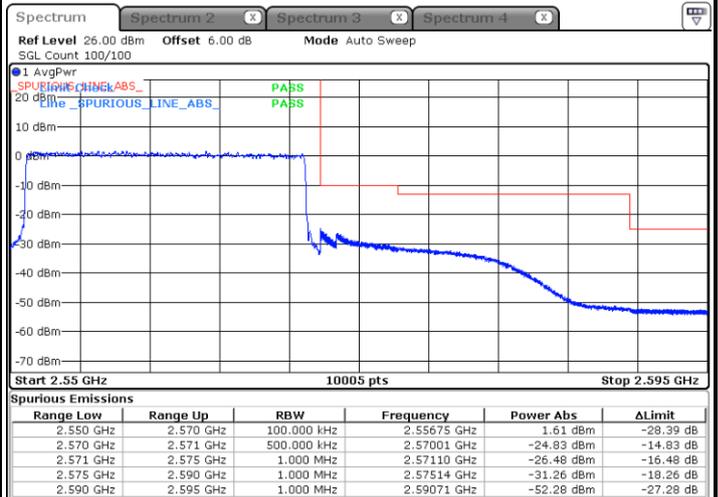
Date: 29.MAY.2024 02:37:09

Lowest Band Edge / Full RB



Date: 29.MAY.2024 02:24:40

Highest Band Edge / Full RB

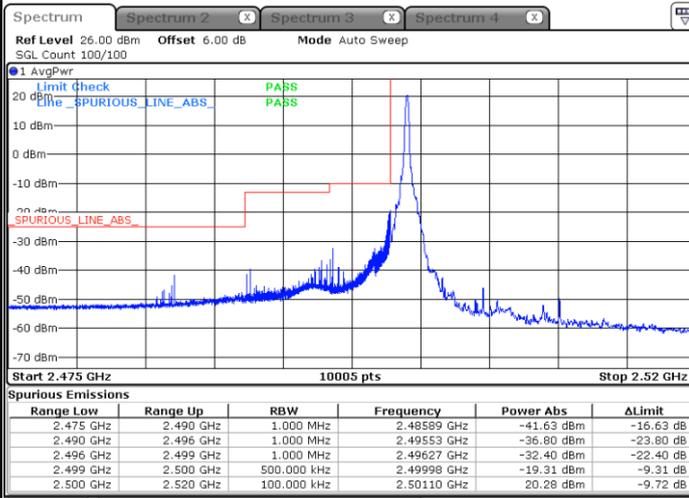


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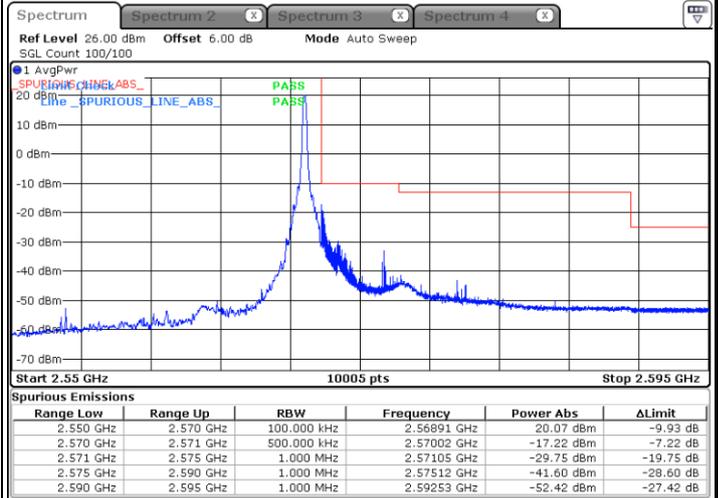
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



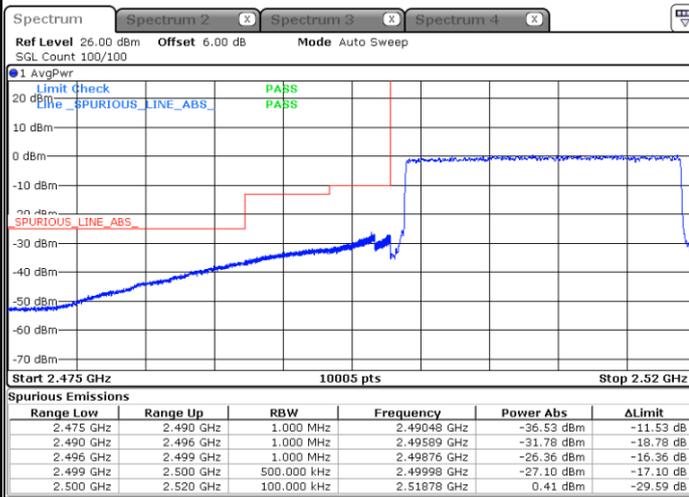
Date: 29.MAY.2024 02:30:22

Highest Band Edge / 1 RB



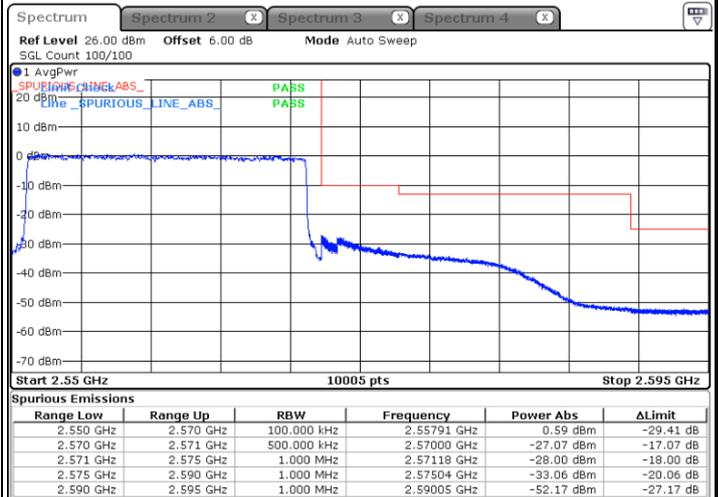
Date: 29.MAY.2024 02:38:05

Lowest Band Edge / Full RB



Date: 29.MAY.2024 02:25:36

Highest Band Edge / Full RB

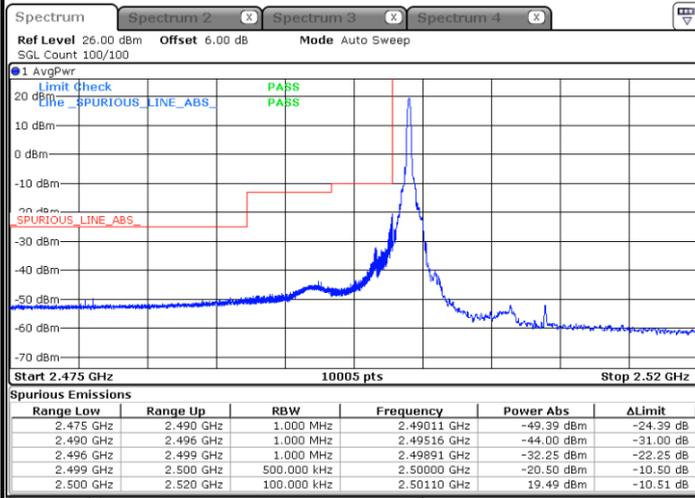


Date: 29.MAY.2024 02:41:51



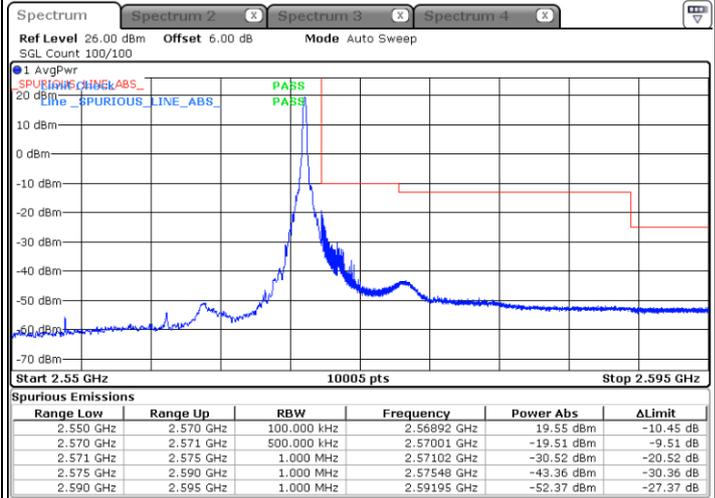
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



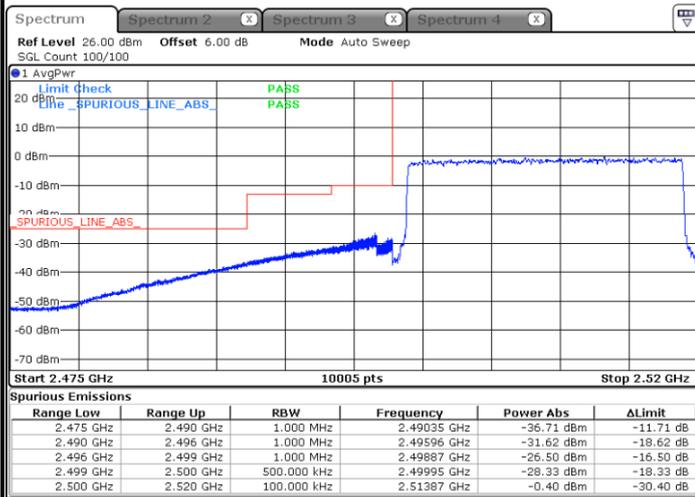
Date: 29.MAY.2024 02:31:17

Highest Band Edge / 1 RB



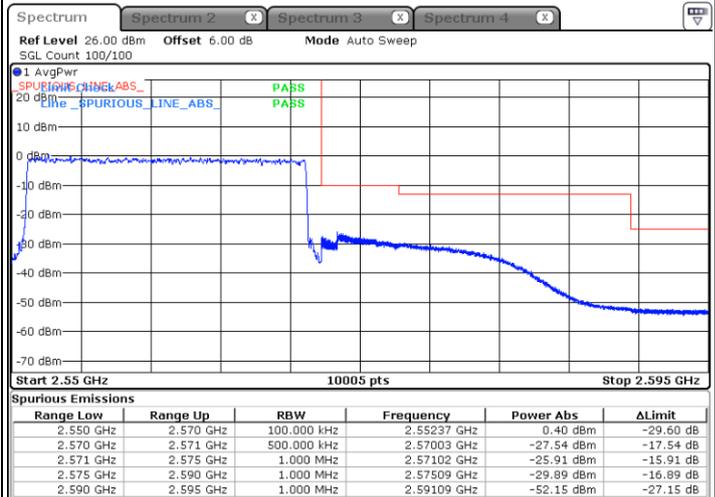
Date: 29.MAY.2024 02:39:01

Lowest Band Edge / Full RB



Date: 29.MAY.2024 02:26:32

Highest Band Edge / Full RB



Date: 29.MAY.2024 02:42:46