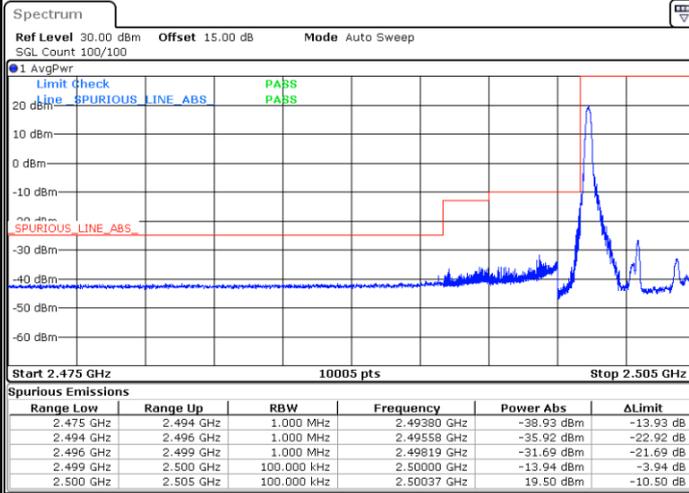




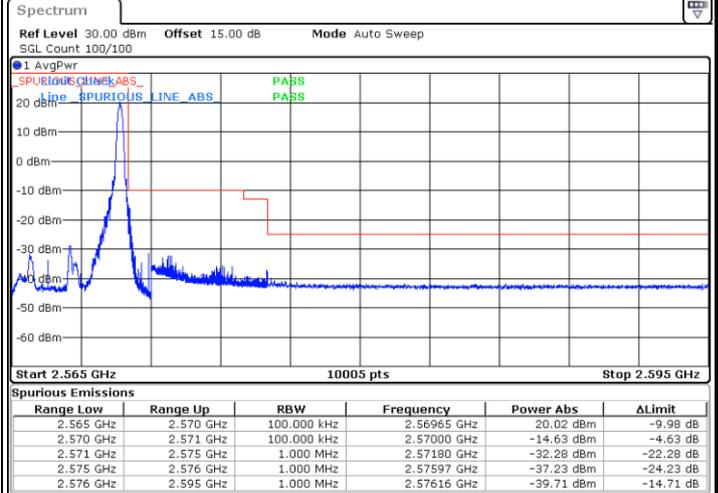
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



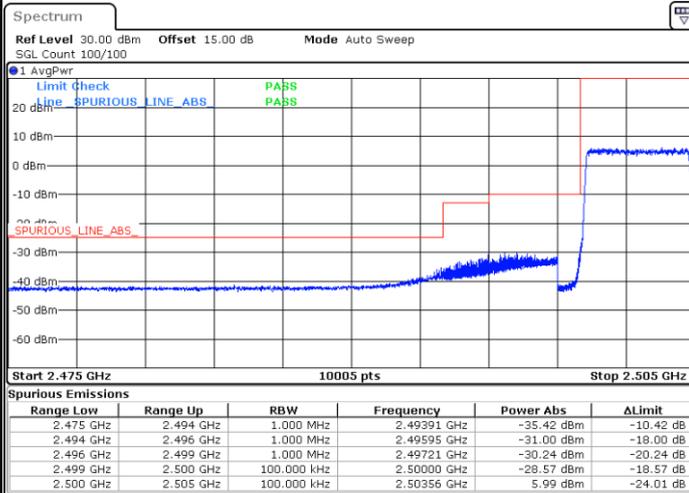
Date: 11.JUL.2025 20:51:51

Highest Band Edge / 1 RB



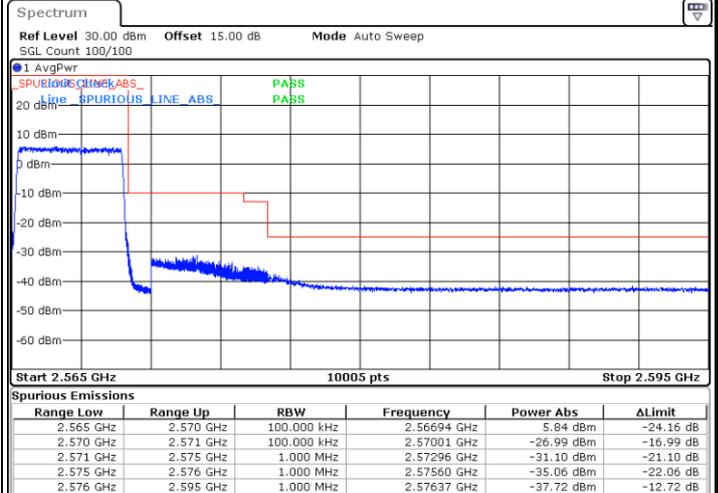
Date: 11.JUL.2025 21:04:06

Lowest Band Edge / Full RB



Date: 11.JUL.2025 20:51:05

Highest Band Edge / Full RB

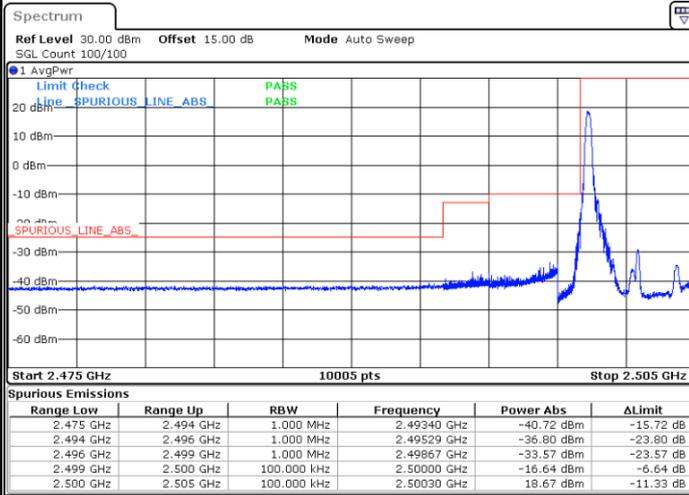


Date: 11.JUL.2025 21:04:58



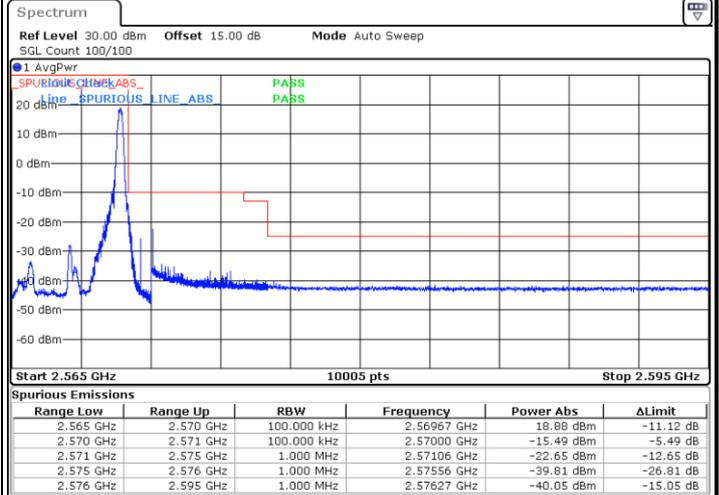
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



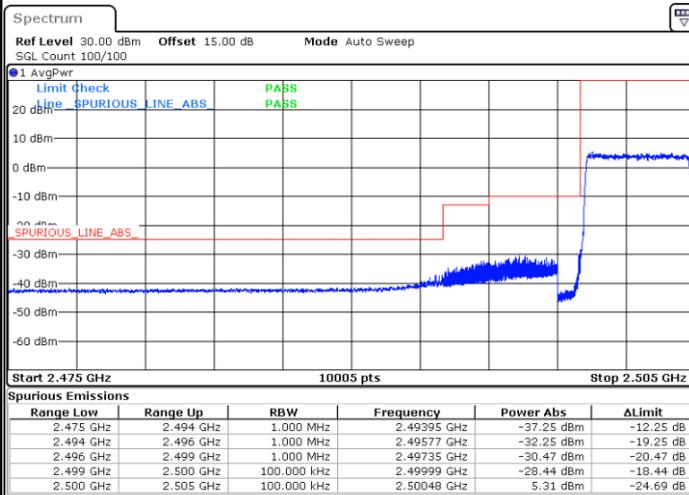
Date: 11.JUL.2025 20:51:36

Highest Band Edge / 1 RB



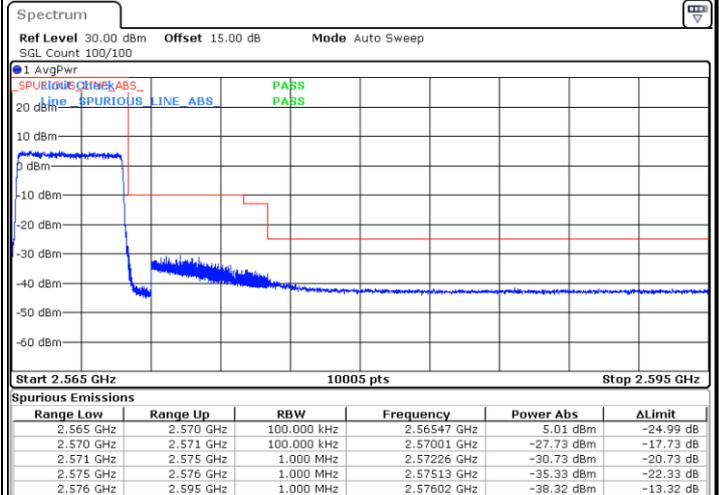
Date: 11.JUL.2025 21:04:22

Lowest Band Edge / Full RB



Date: 11.JUL.2025 20:51:20

Highest Band Edge / Full RB

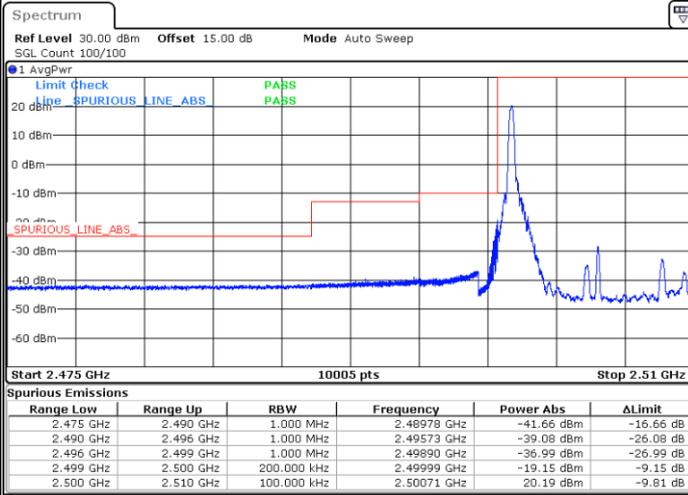


Date: 11.JUL.2025 21:04:36



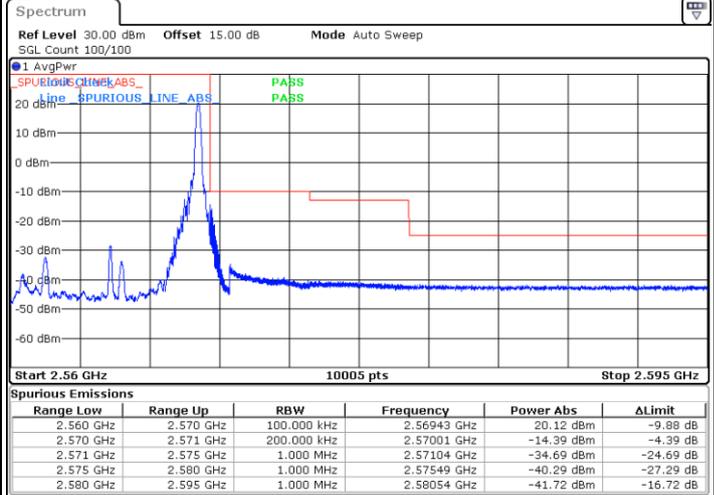
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



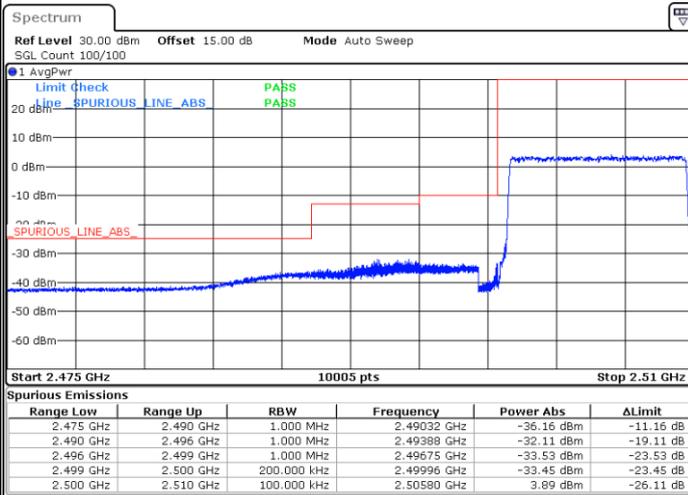
Date: 11.JUL.2025 21:56:49

Highest Band Edge / 1 RB



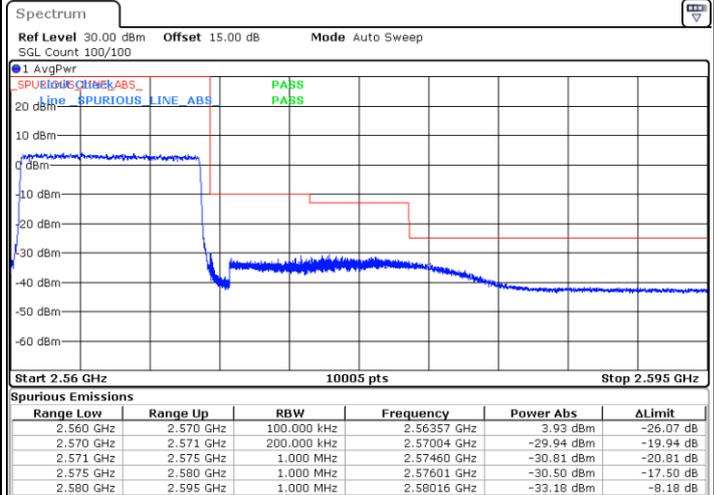
Date: 11.JUL.2025 22:05:48

Lowest Band Edge / Full RB



Date: 11.JUL.2025 21:55:21

Highest Band Edge / Full RB

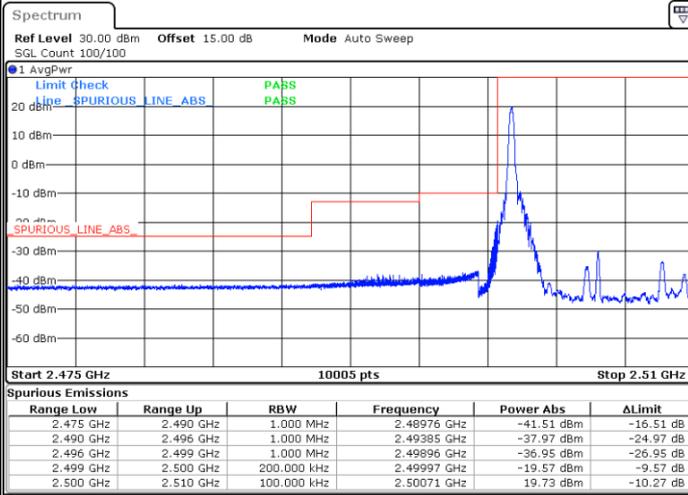


Date: 11.JUL.2025 22:07:25



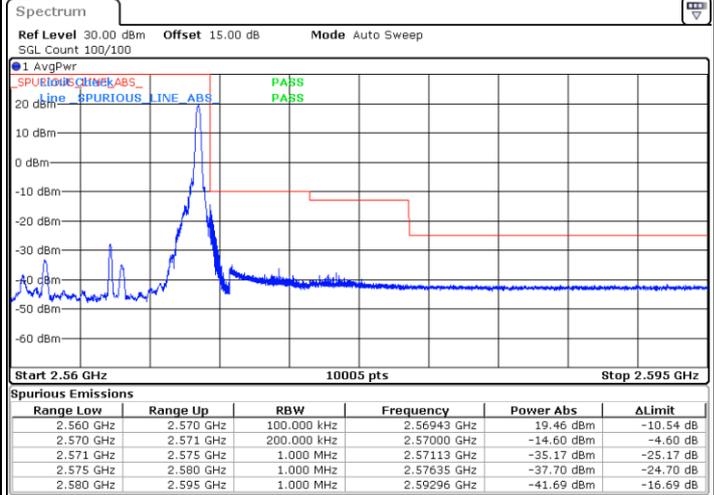
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1RB



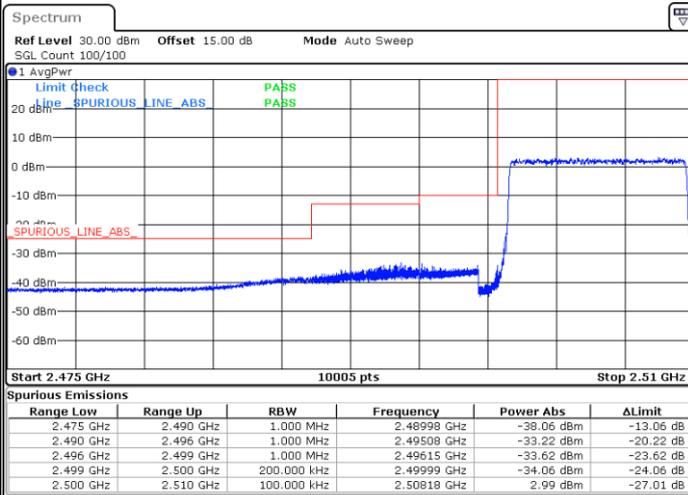
Date: 11.JUL.2025 21:56:30

Highest Band Edge / 1 RB



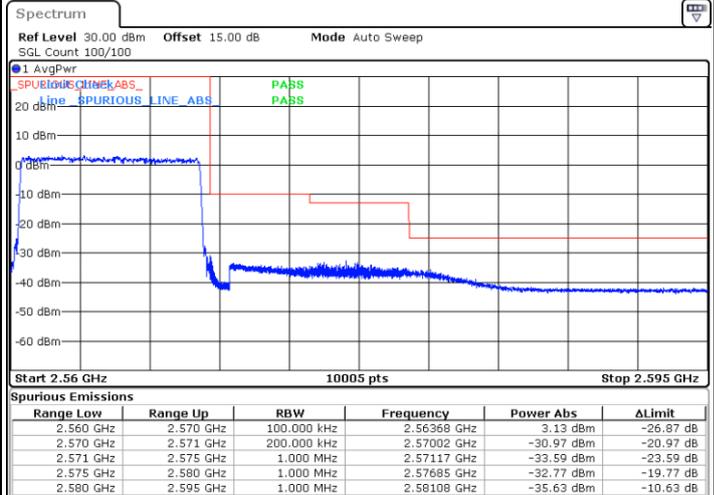
Date: 11.JUL.2025 22:06:06

Lowest Band Edge / Full RB



Date: 11.JUL.2025 21:55:35

Highest Band Edge / Full RB

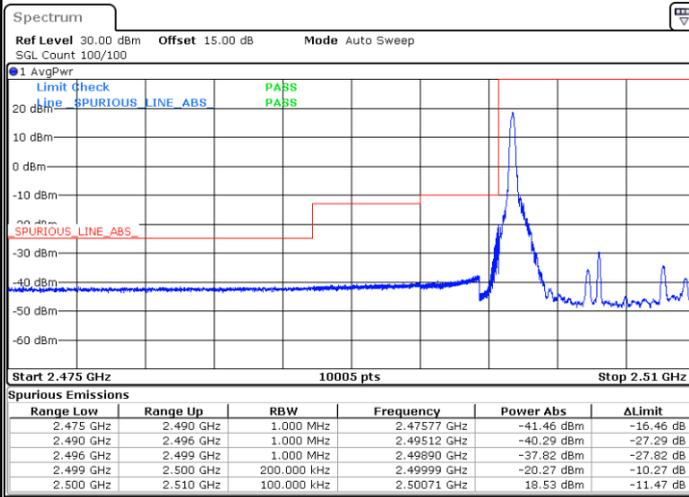


Date: 11.JUL.2025 22:07:01



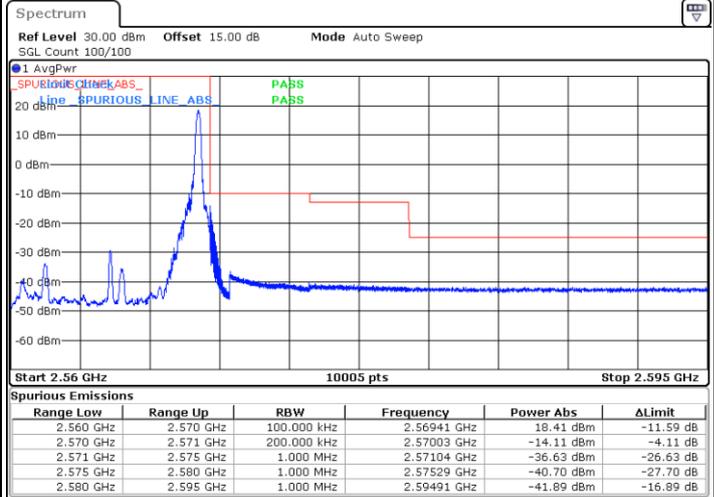
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1RB



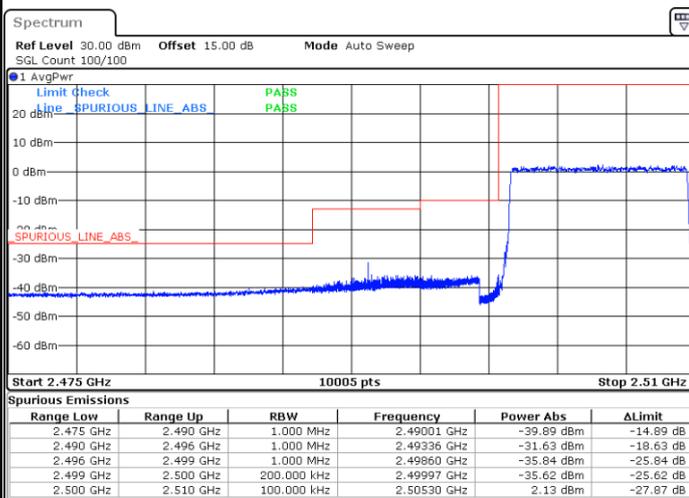
Date: 11.JUL.2025 21:56:03

Highest Band Edge / 1 RB



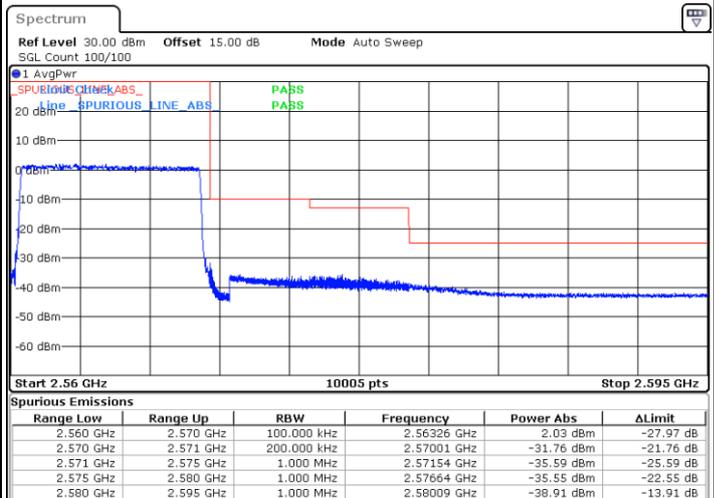
Date: 11.JUL.2025 22:06:24

Lowest Band Edge / Full RB



Date: 11.JUL.2025 21:55:49

Highest Band Edge / Full RB

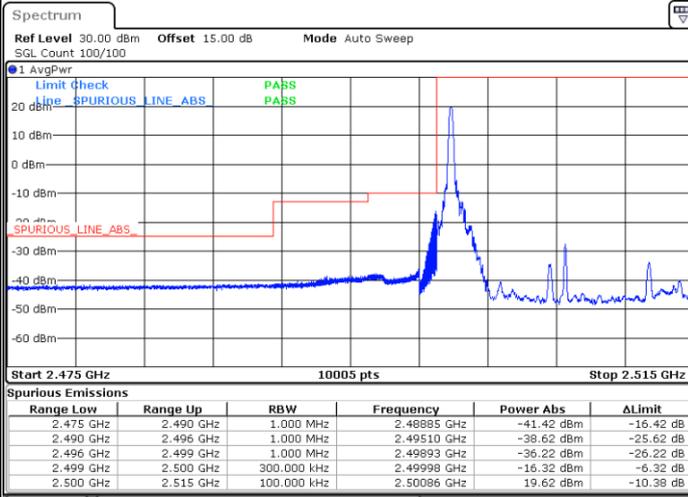


Date: 11.JUL.2025 22:06:47



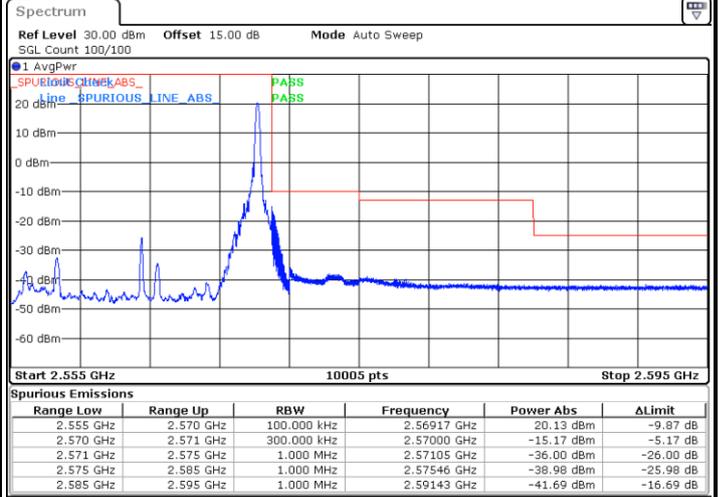
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



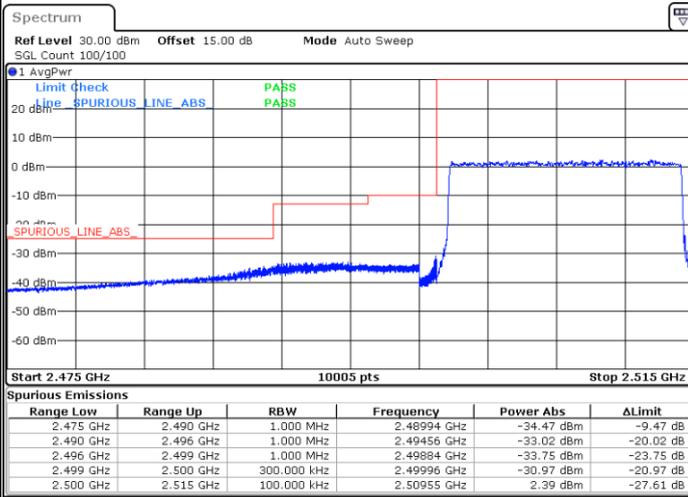
Date: 11.JUL.2025 22:09:33

Highest Band Edge / 1 RB



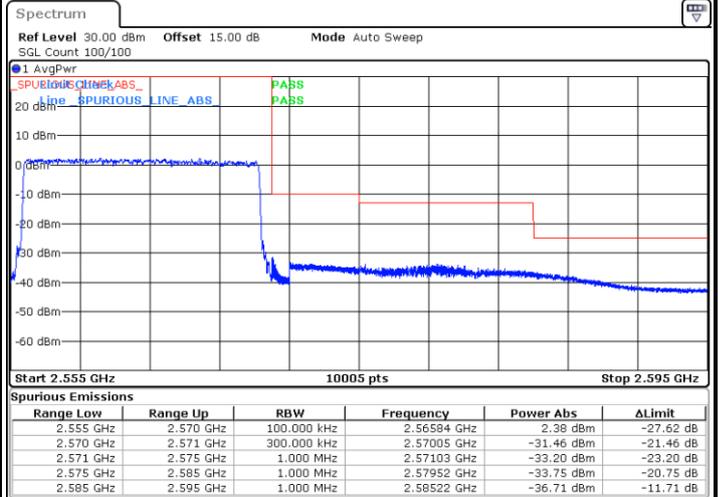
Date: 11.JUL.2025 22:14:01

Lowest Band Edge / Full RB



Date: 11.JUL.2025 22:08:15

Highest Band Edge / Full RB

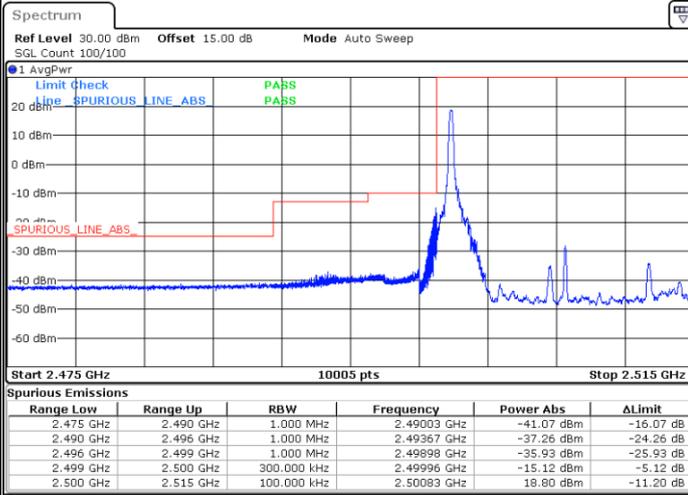


Date: 11.JUL.2025 22:15:18



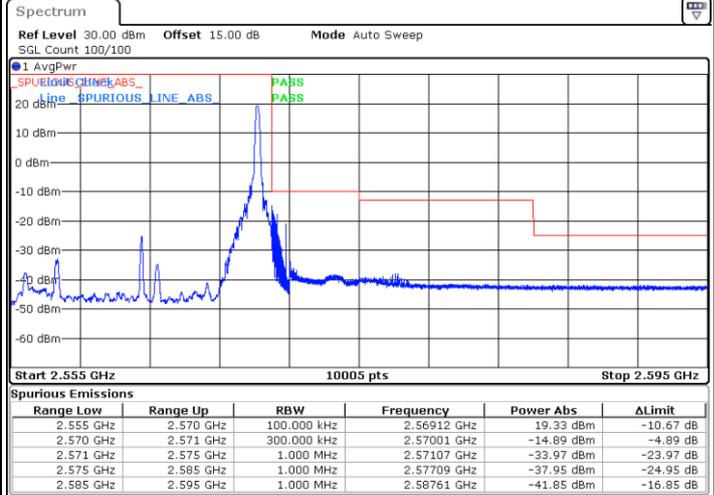
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1RB



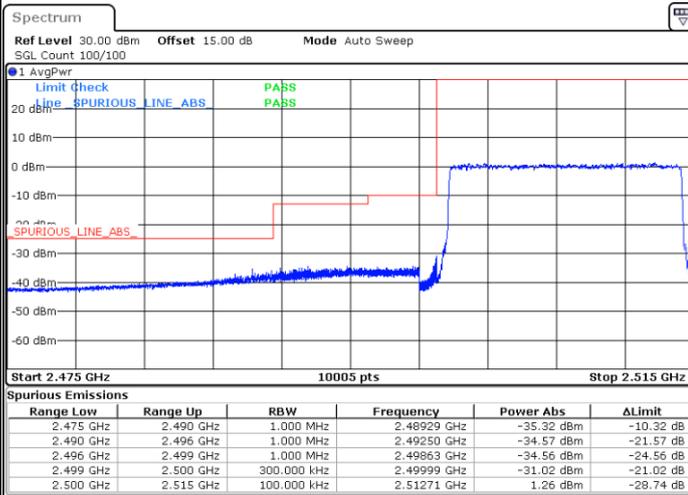
Date: 11.JUL.2025 22:09:17

Highest Band Edge / 1 RB



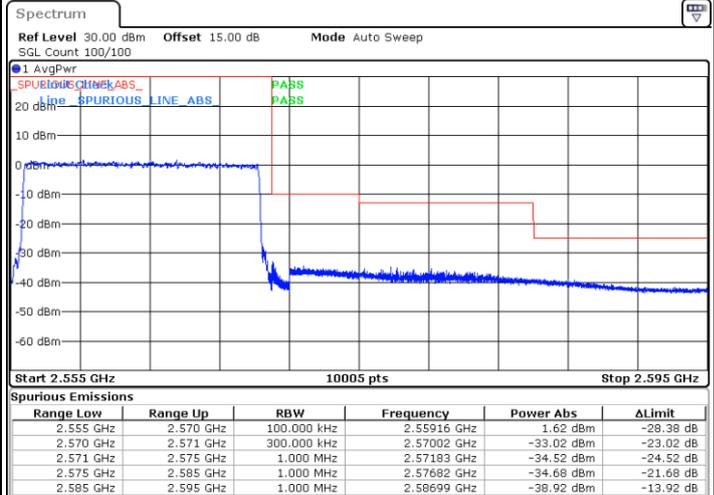
Date: 11.JUL.2025 22:14:17

Lowest Band Edge / Full RB



Date: 11.JUL.2025 22:08:29

Highest Band Edge / Full RB

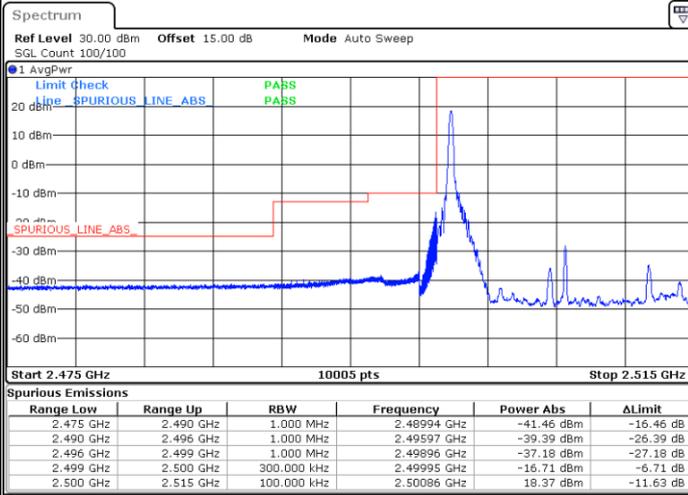


Date: 11.JUL.2025 22:15:04



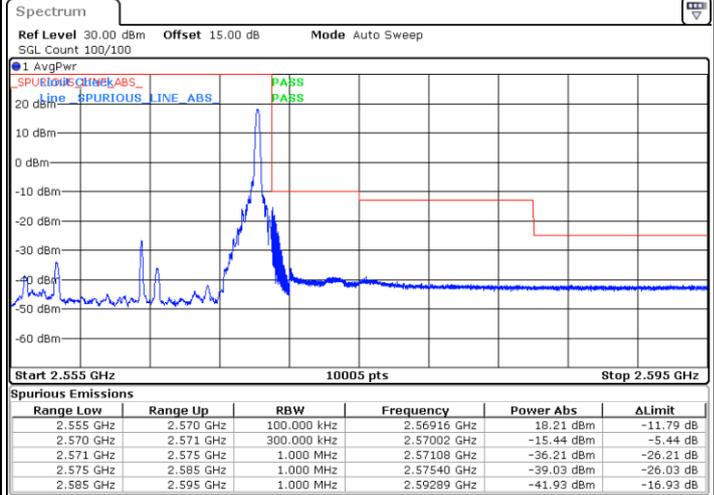
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1RB



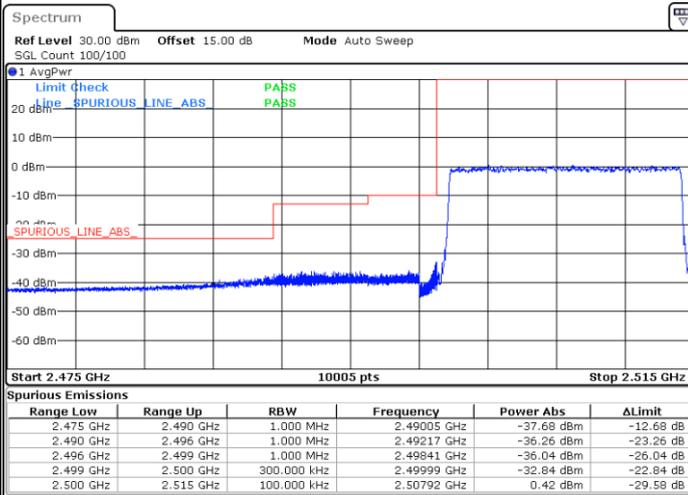
Date: 11.JUL.2025 22:09:01

Highest Band Edge / 1 RB



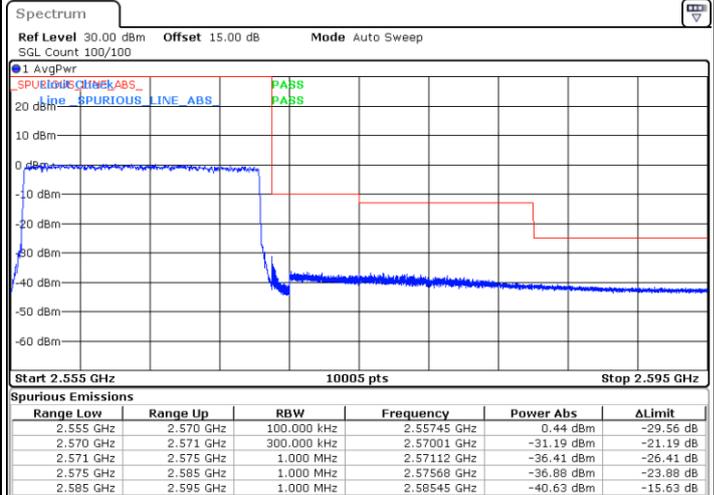
Date: 11.JUL.2025 22:14:33

Lowest Band Edge / Full RB



Date: 11.JUL.2025 22:08:45

Highest Band Edge / Full RB

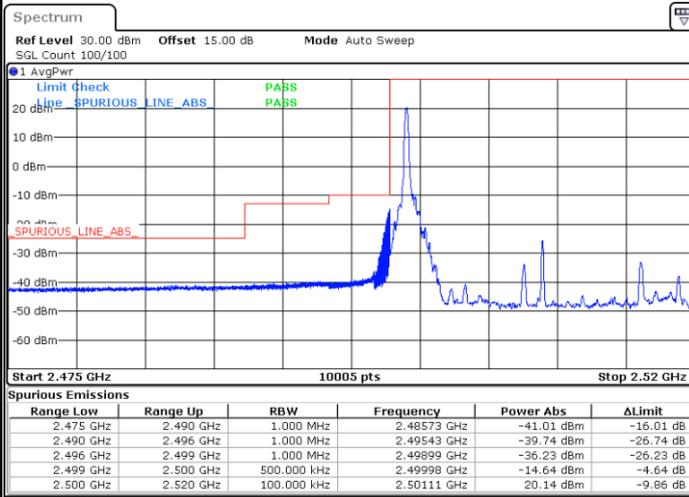


Date: 11.JUL.2025 22:14:49

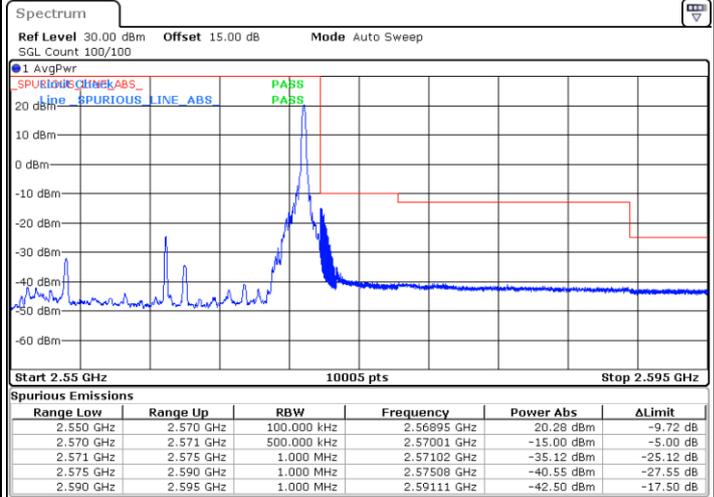


LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



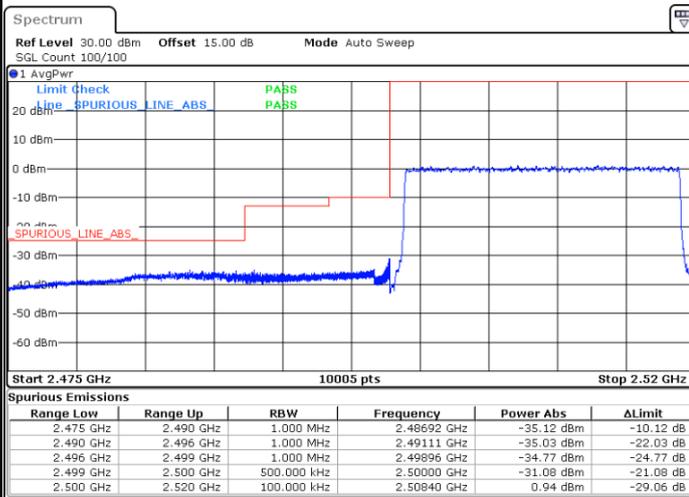
Highest Band Edge / 1 RB



Date: 11.JUL.2025 22:17:17

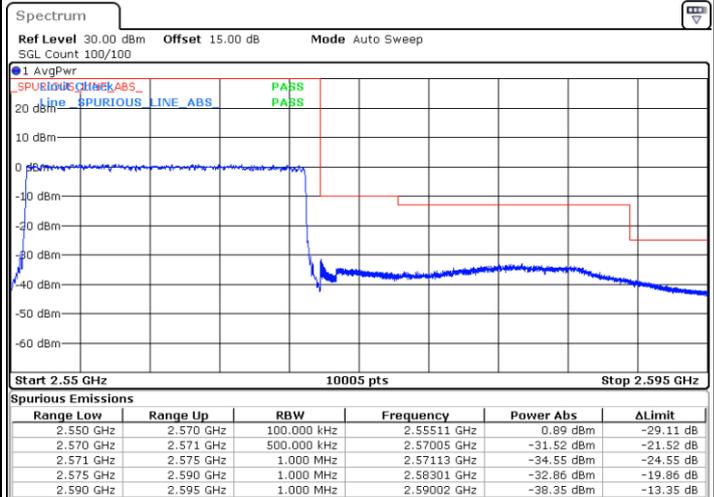
Date: 11.JUL.2025 22:21:40

Lowest Band Edge / Full RB



Date: 11.JUL.2025 22:15:57

Highest Band Edge / Full RB

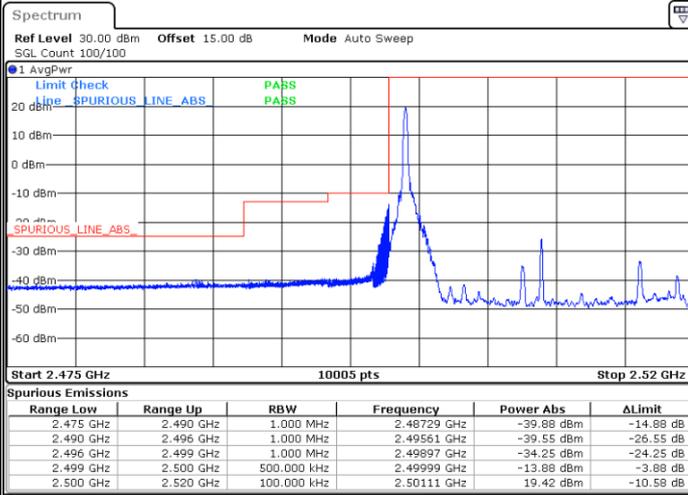


Date: 11.JUL.2025 22:22:58



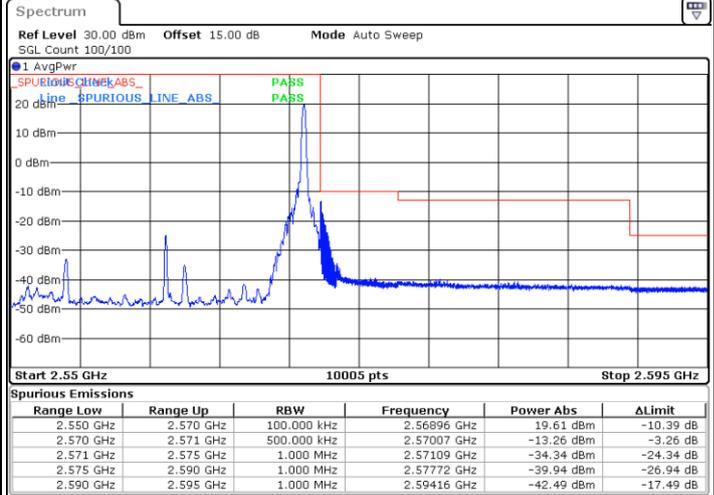
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



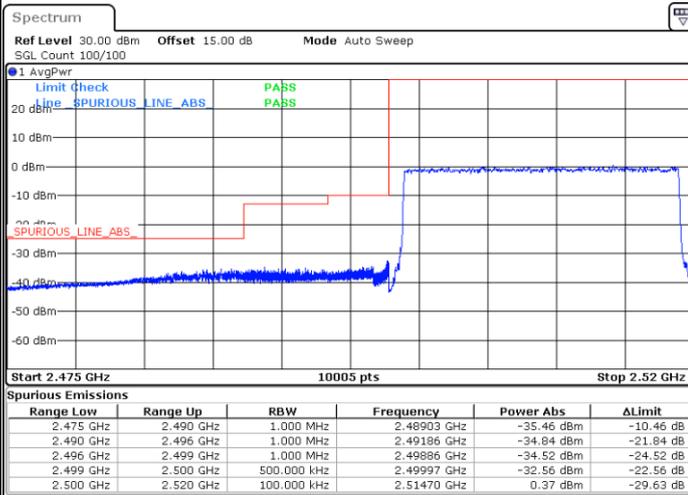
Date: 11.JUL.2025 22:17:02

Highest Band Edge / 1 RB



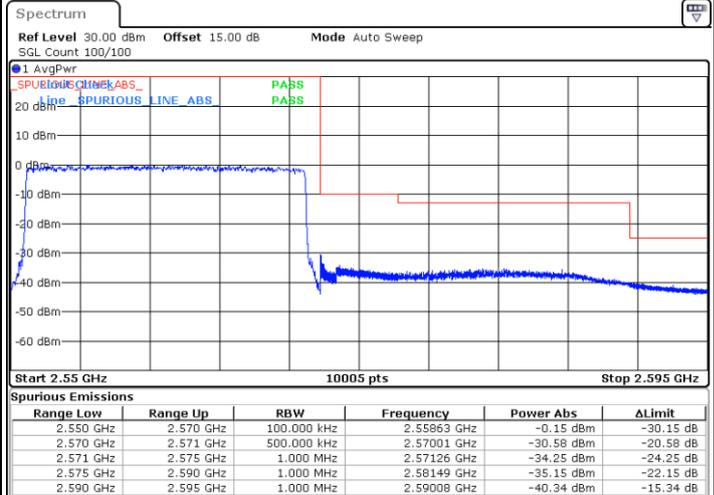
Date: 11.JUL.2025 22:21:55

Lowest Band Edge / Full RB



Date: 11.JUL.2025 22:16:11

Highest Band Edge / Full RB

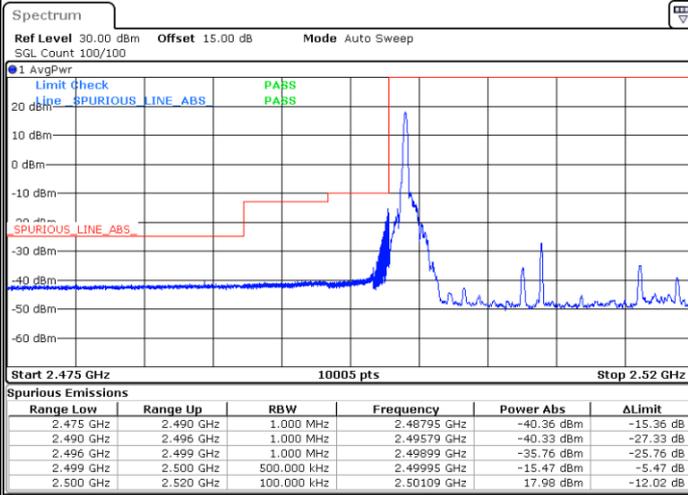


Date: 11.JUL.2025 22:22:39



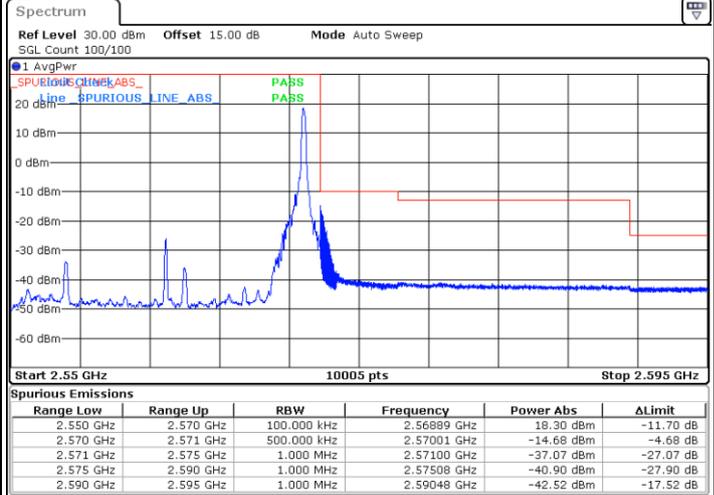
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1RB



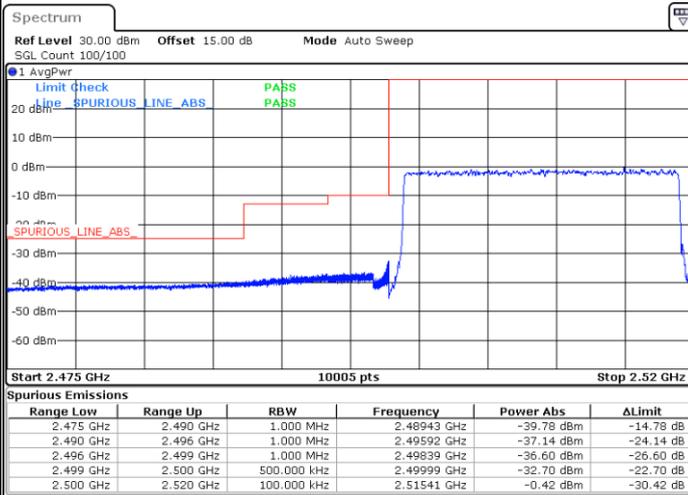
Date: 11.JUL.2025 22:16:45

Highest Band Edge / 1 RB



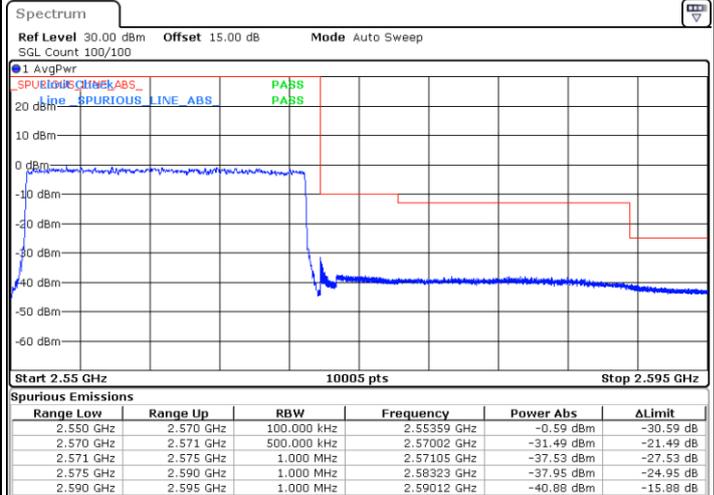
Date: 11.JUL.2025 22:22:09

Lowest Band Edge / Full RB



Date: 11.JUL.2025 22:16:27

Highest Band Edge / Full RB



Date: 11.JUL.2025 22:22:25

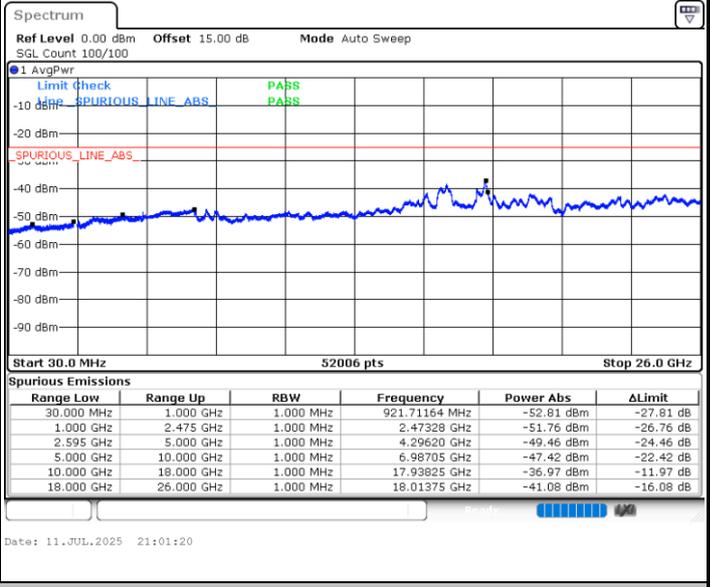
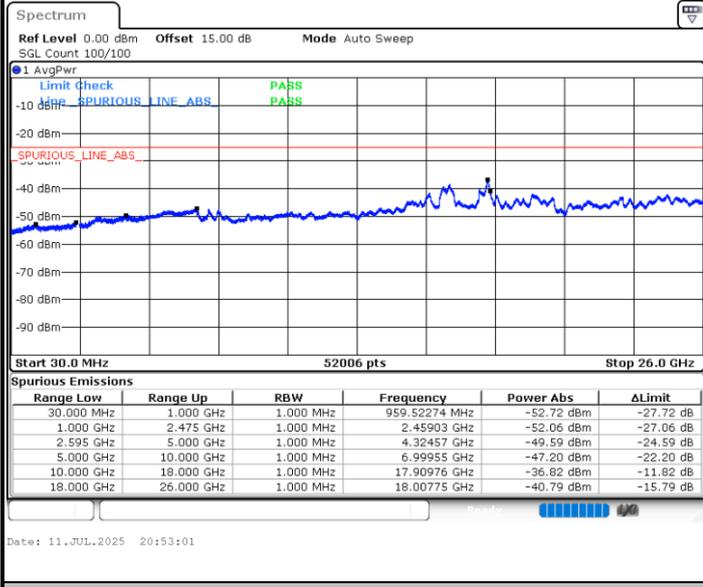


# Conducted Spurious Emission

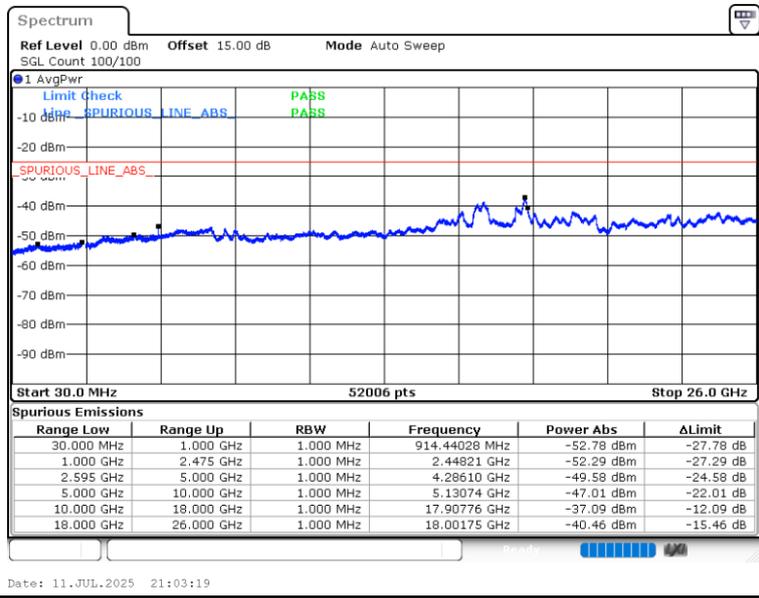
## LTE Band 7 / 5MHz

### Lowest Channel / QPSK

### Middle Channel / QPSK



### Highest Channel / QPSK

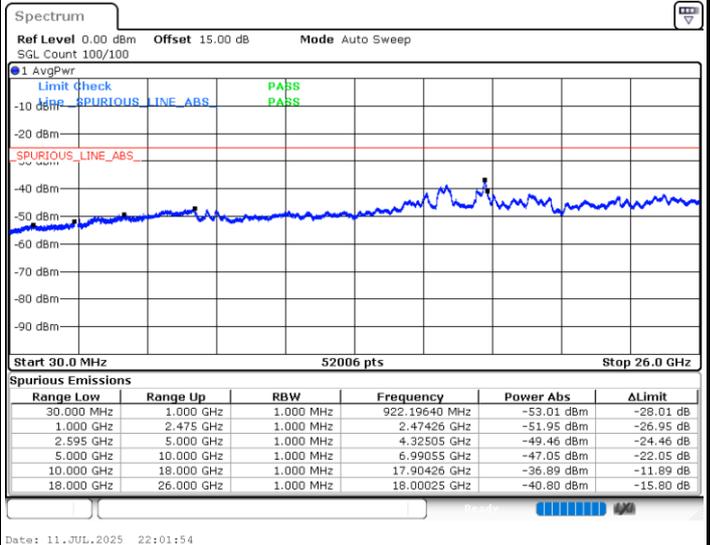
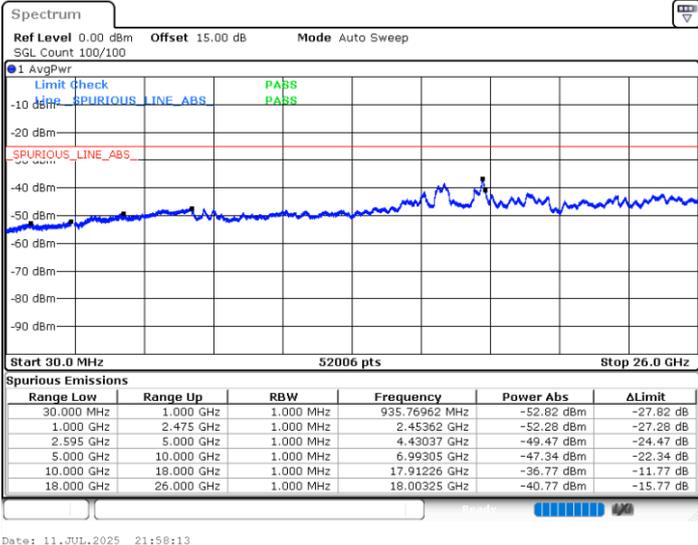




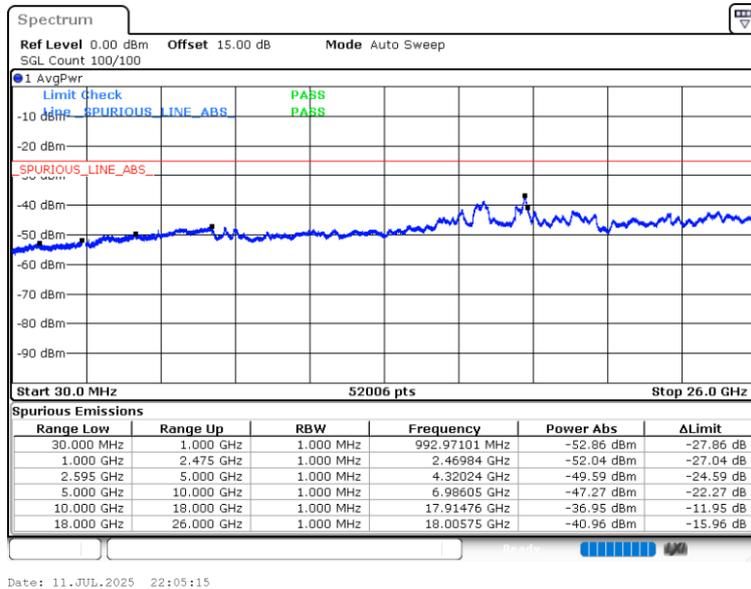
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

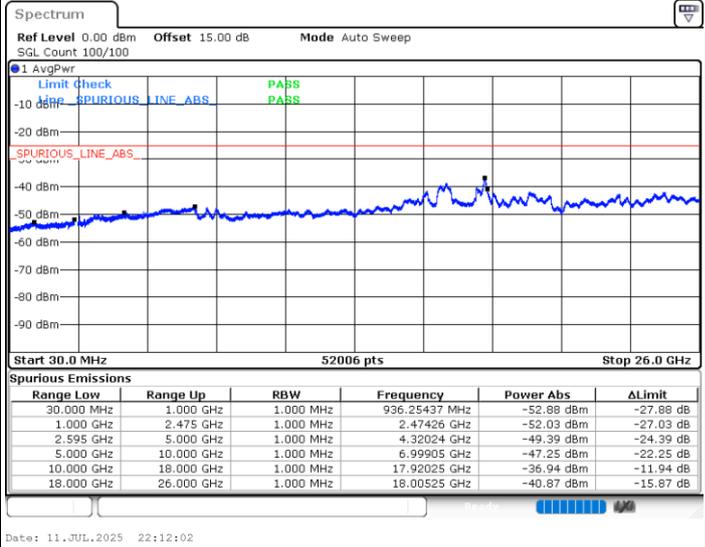
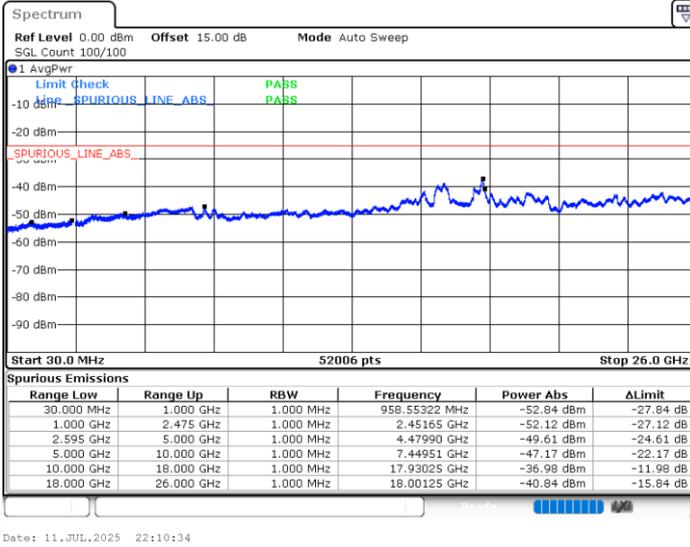




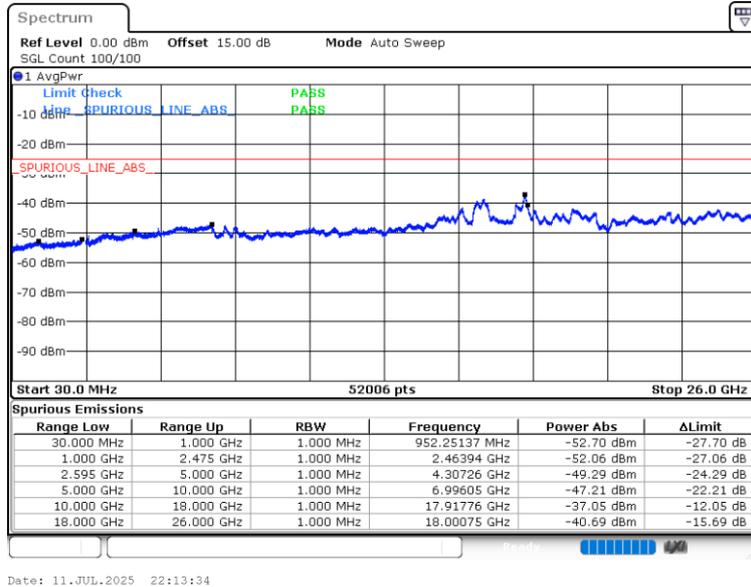
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

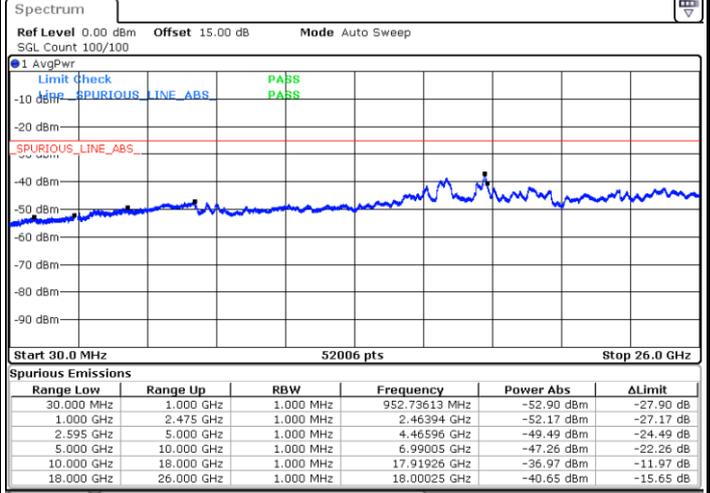
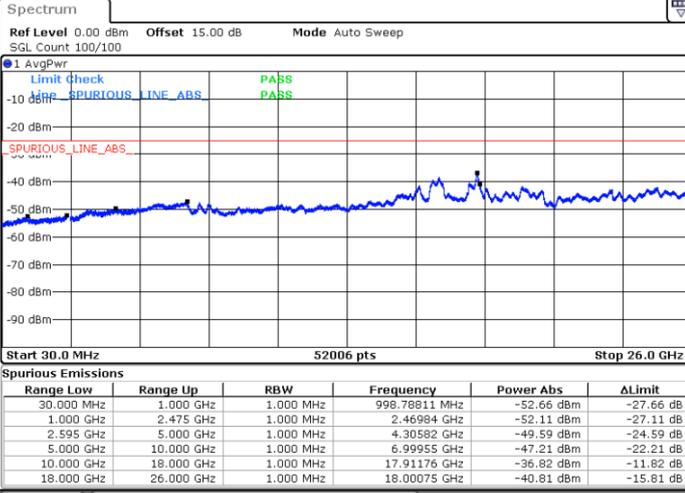




LTE Band 7 / 20MHz

Lowest Channel / QPSK

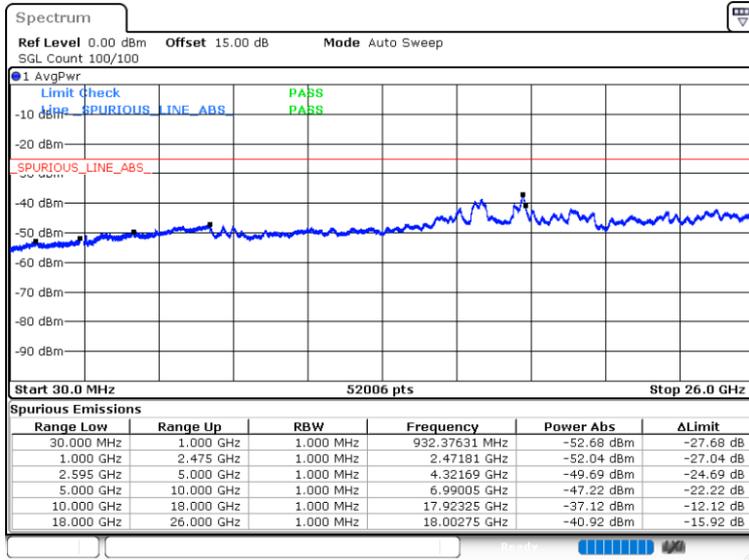
Middle Channel / QPSK



Date: 11.JUL.2025 22:18:17

Date: 11.JUL.2025 22:19:57

Highest Channel / QPSK



Date: 11.JUL.2025 22:21:25



### 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	0.0019	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0031	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

**Note:**

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



## LTE Band 41\_ANT3(Other PA)

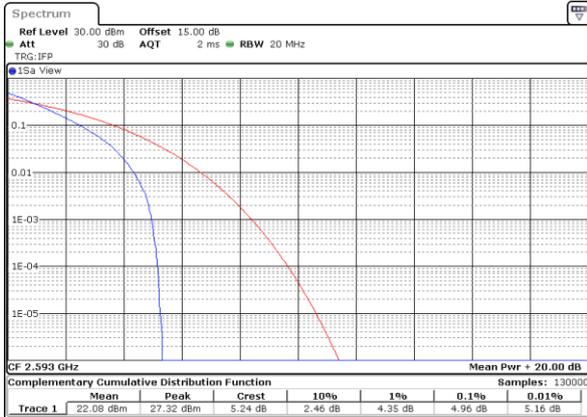
### Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.68	6.35	<b>PASS</b>



LTE Band 41 / 20MHz / QPSK

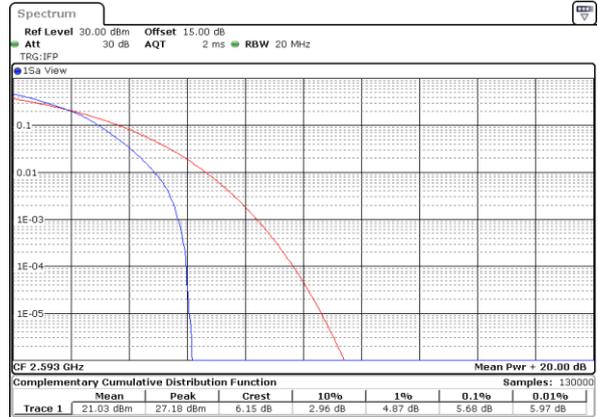
Middle Channel / Full RB



Date: 13.JUL.2025 21:52:37

LTE Band 41 / 20MHz / 16QAM

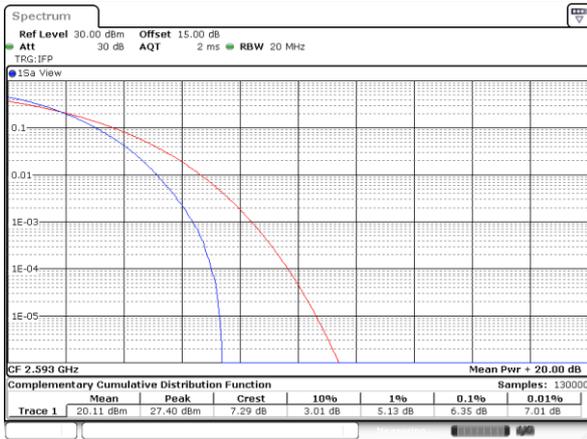
Middle Channel / Full RB



Date: 13.JUL.2025 21:53:04

LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 13.JUL.2025 21:53:31



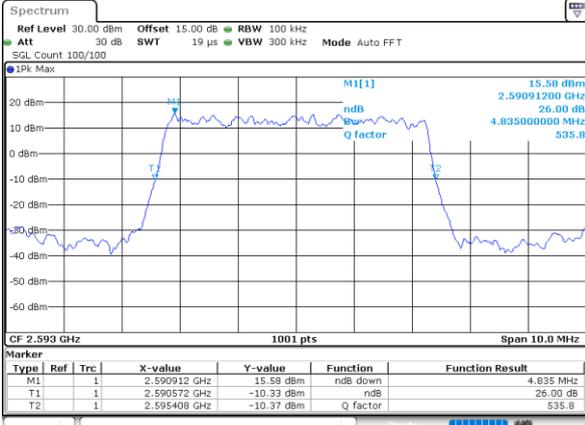
## 26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.84	4.99	9.69	9.61	14.39	14.30	18.90	18.78



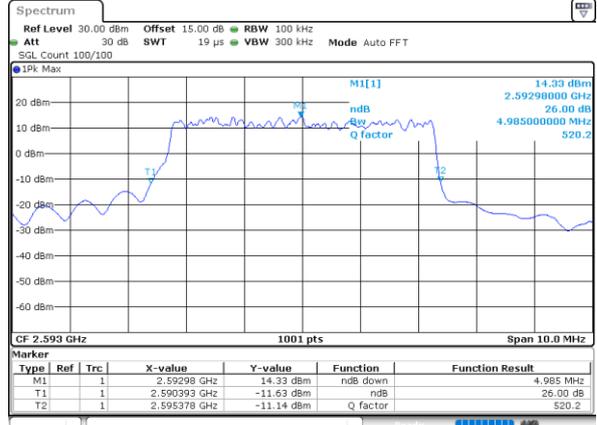
LTE Band 41

Middle Channel / 5MHz / QPSK



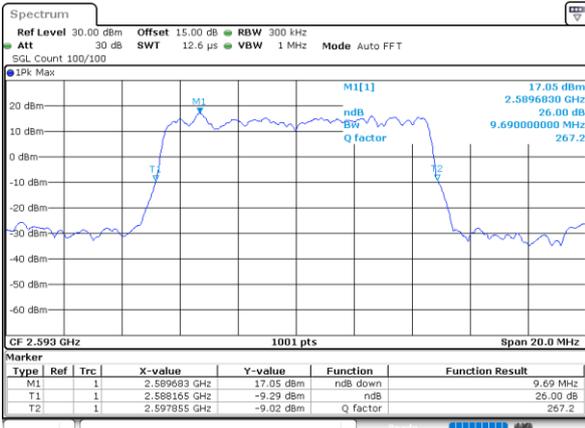
Date: 13\_JUL\_2025 20:58:00

Middle Channel / 5MHz / 16QAM



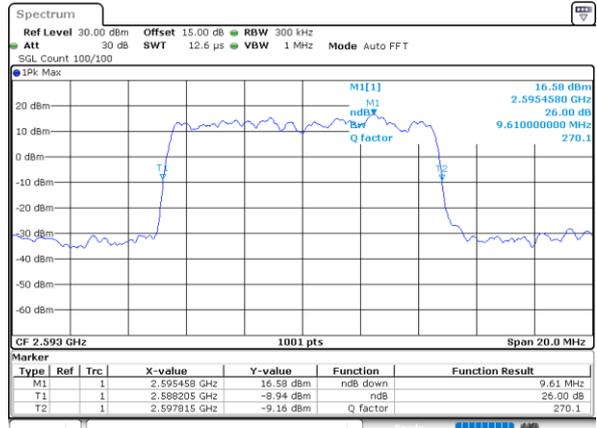
Date: 13\_JUL\_2025 20:58:39

Middle Channel / 10MHz / QPSK



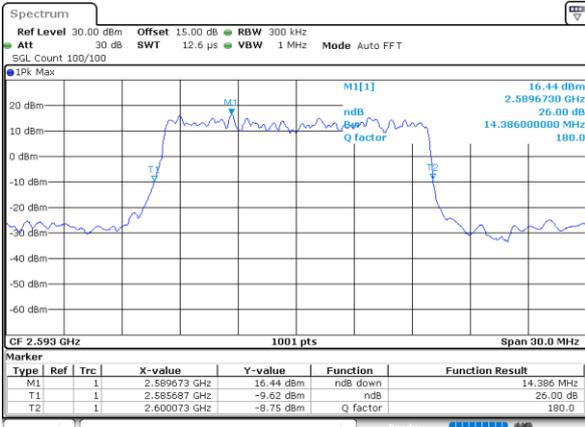
Date: 13\_JUL\_2025 21:28:02

Middle Channel / 10MHz / 16QAM



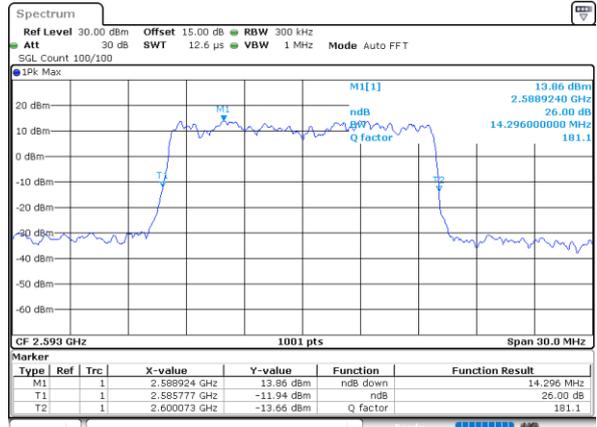
Date: 13\_JUL\_2025 21:28:12

Middle Channel / 15MHz / QPSK



Date: 13\_JUL\_2025 21:36:02

Middle Channel / 15MHz / 16QAM

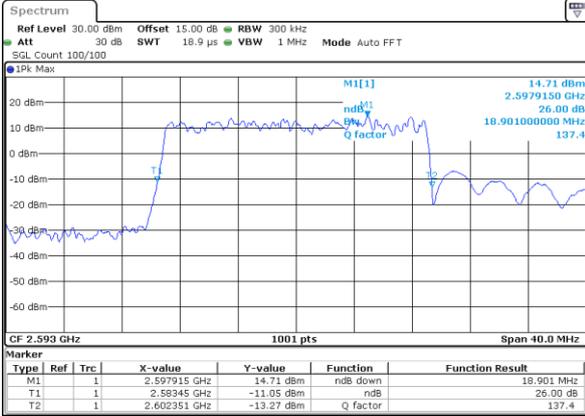


Date: 13\_JUL\_2025 21:36:42



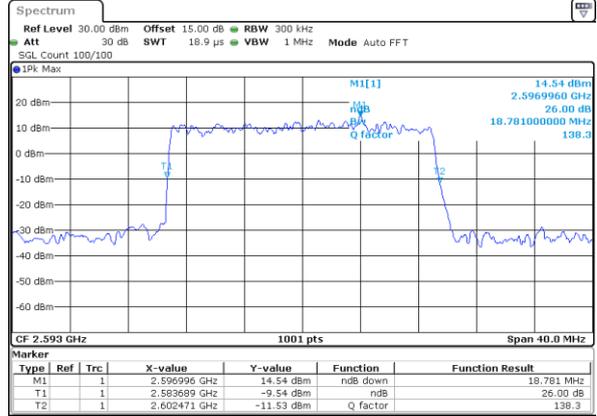
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 13\_JUL\_2025 21:51:31

Middle Channel / 20MHz / 16QAM



Date: 13\_JUL\_2025 21:52:11



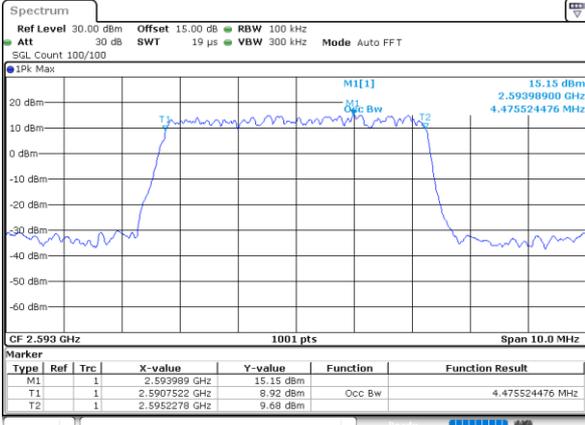
## Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.48	4.49	9.01	8.99	13.43	13.46	17.78	17.90



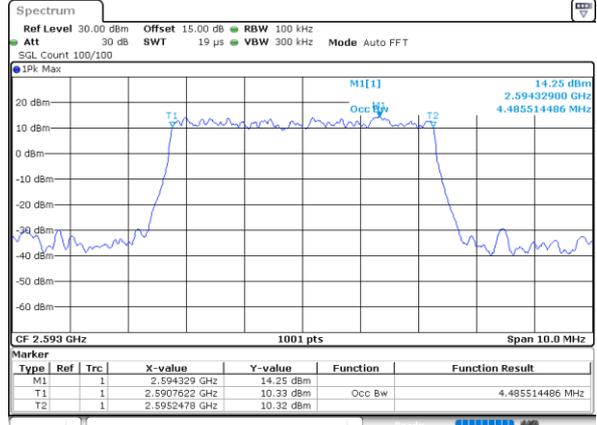
LTE Band 41

Middle Channel / 5MHz / QPSK



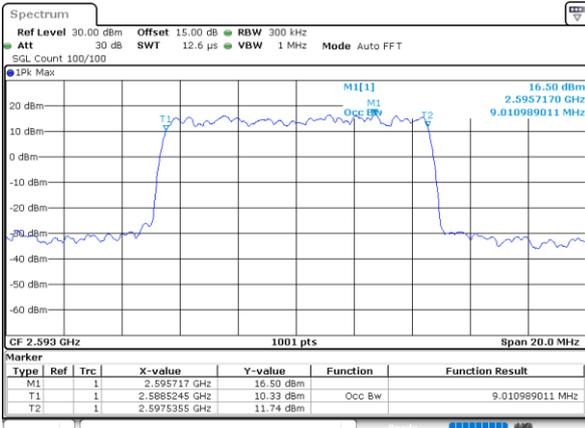
Date: 13\_JUL\_2025 20:57:45

Middle Channel / 5MHz / 16QAM



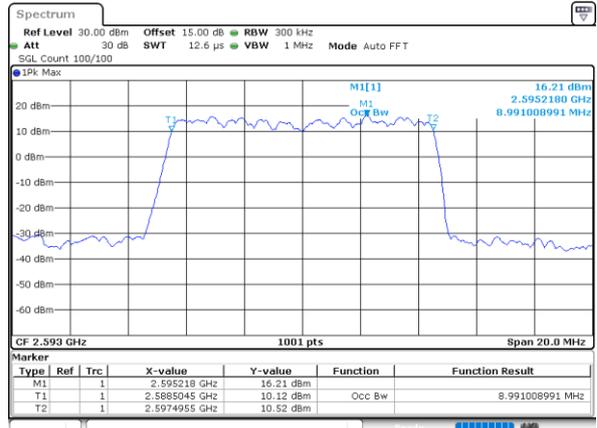
Date: 13\_JUL\_2025 20:58:25

Middle Channel / 10MHz / QPSK



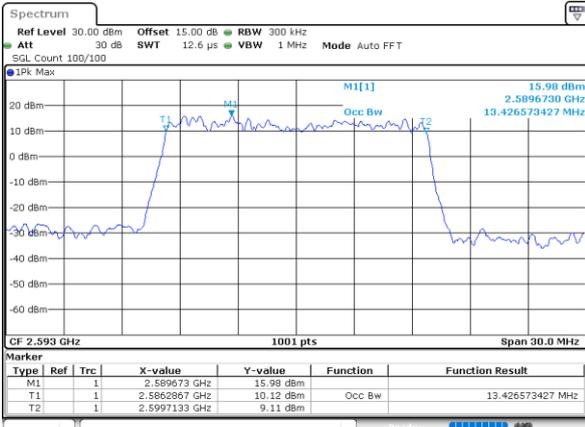
Date: 13\_JUL\_2025 21:28:18

Middle Channel / 10MHz / 16QAM



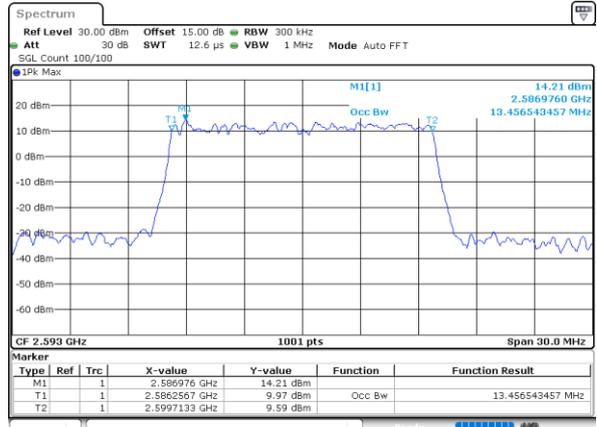
Date: 13\_JUL\_2025 21:28:58

Middle Channel / 15MHz / QPSK



Date: 13\_JUL\_2025 21:35:48

Middle Channel / 15MHz / 16QAM

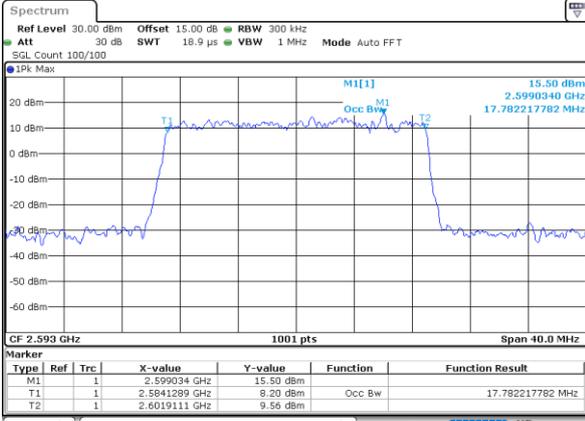


Date: 13\_JUL\_2025 21:36:28



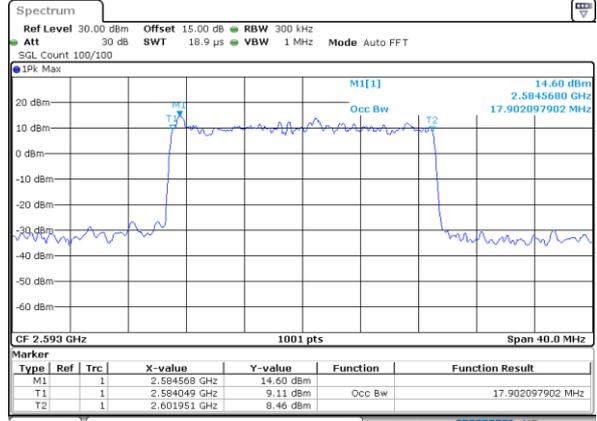
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 13\_JUL\_2025 21:51:17

Middle Channel / 20MHz / 16QAM



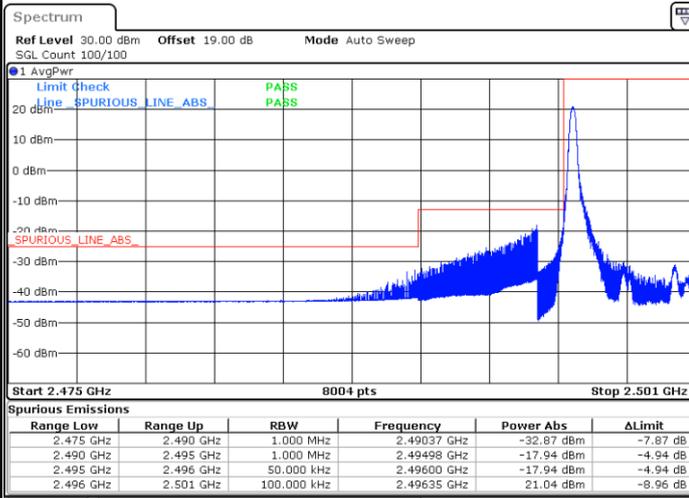
Date: 13\_JUL\_2025 21:51:56



# Conducted Band Edge

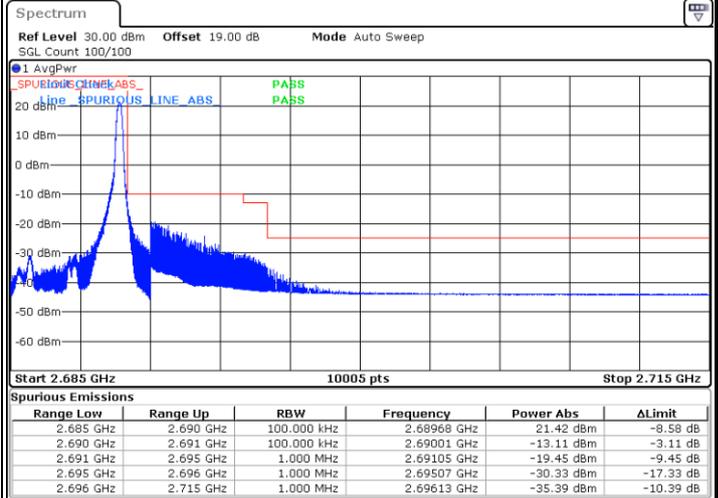
## LTE Band 41 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



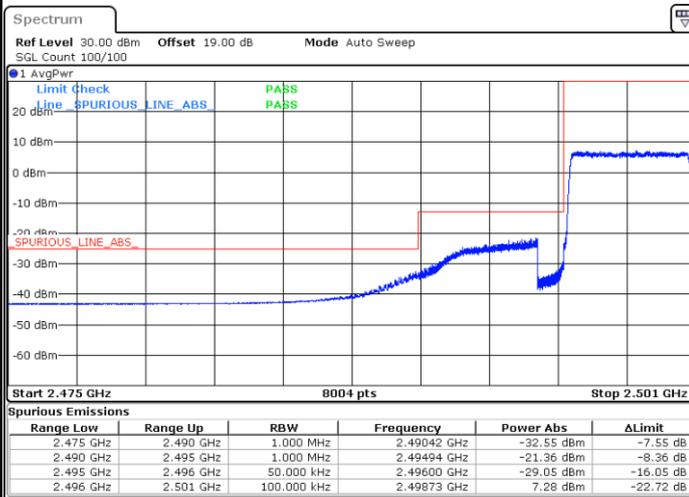
Date: 11.JUL.2025 23:21:27

### Highest Band Edge / 1 RB



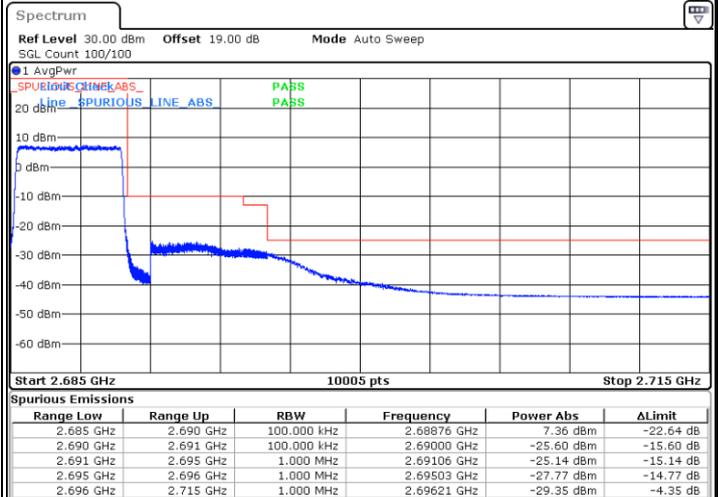
Date: 11.JUL.2025 23:27:11

### Lowest Band Edge / Full RB



Date: 11.JUL.2025 23:16:59

### Highest Band Edge / Full RB

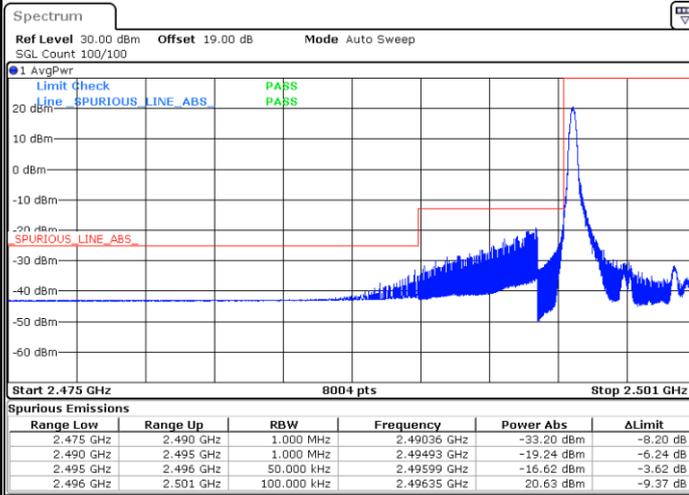


Date: 11.JUL.2025 23:31:27



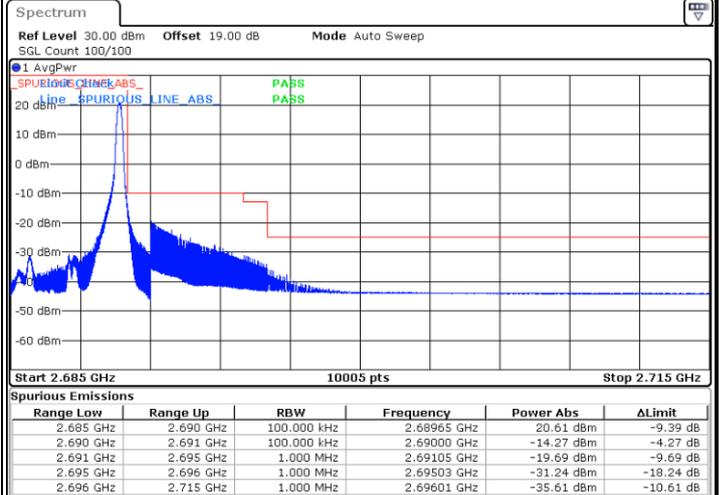
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



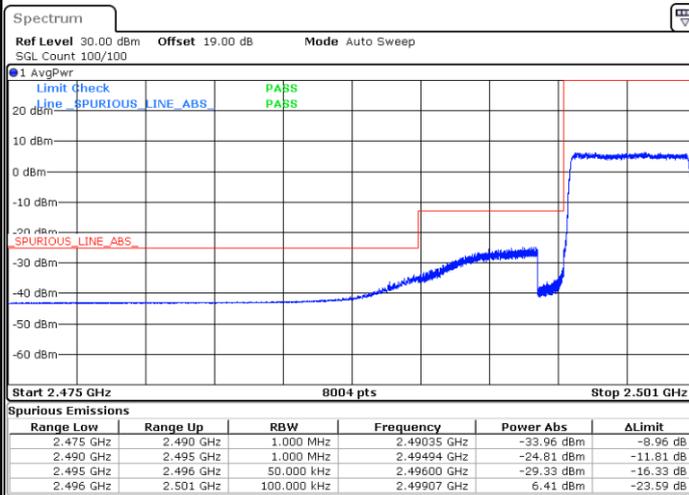
Date: 11.JUL.2025 23:20:32

Highest Band Edge / 1 RB



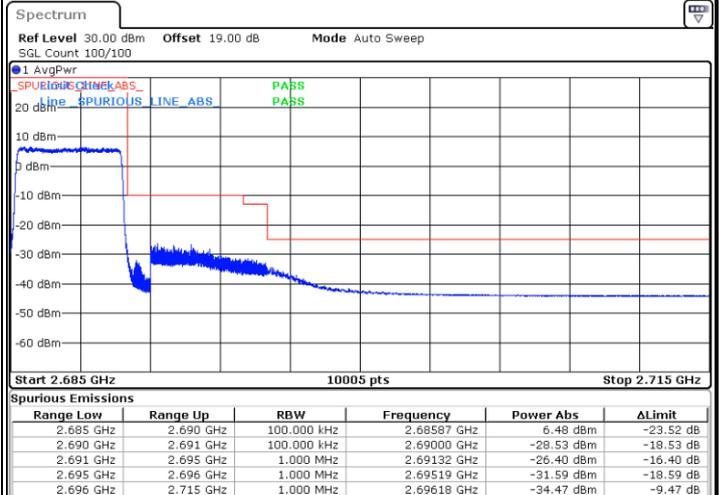
Date: 11.JUL.2025 23:28:02

Lowest Band Edge / Full RB



Date: 11.JUL.2025 23:17:46

Highest Band Edge / Full RB

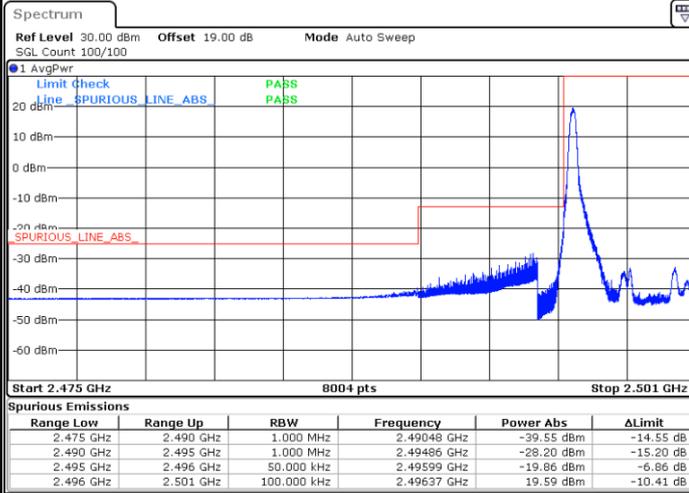


Date: 11.JUL.2025 23:30:34



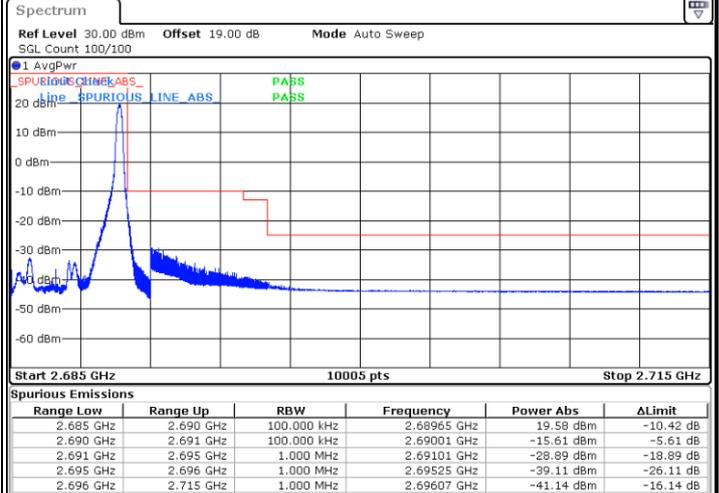
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



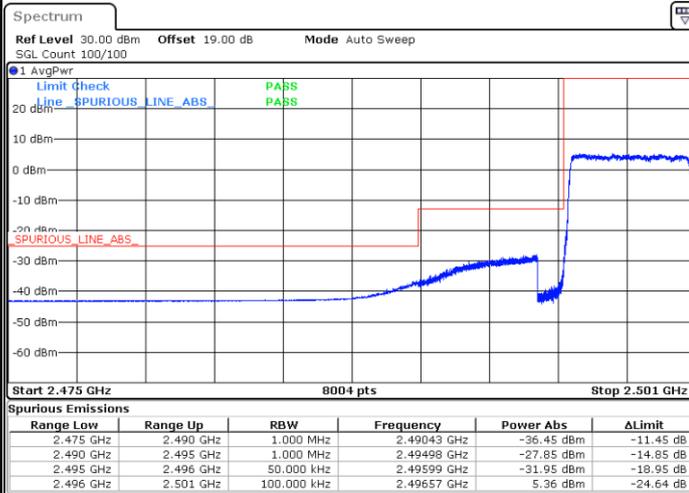
Date: 11.JUL.2025 23:19:28

Highest Band Edge / 1 RB



Date: 11.JUL.2025 23:28:54

Lowest Band Edge / Full RB



Date: 11.JUL.2025 23:18:30

Highest Band Edge / Full RB

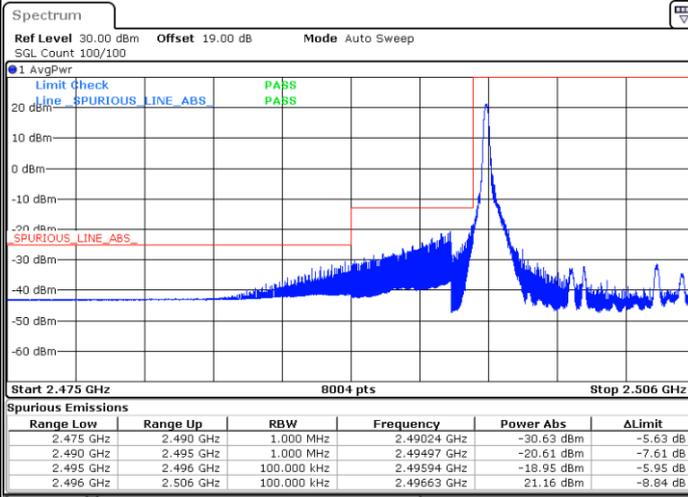


Date: 11.JUL.2025 23:29:44



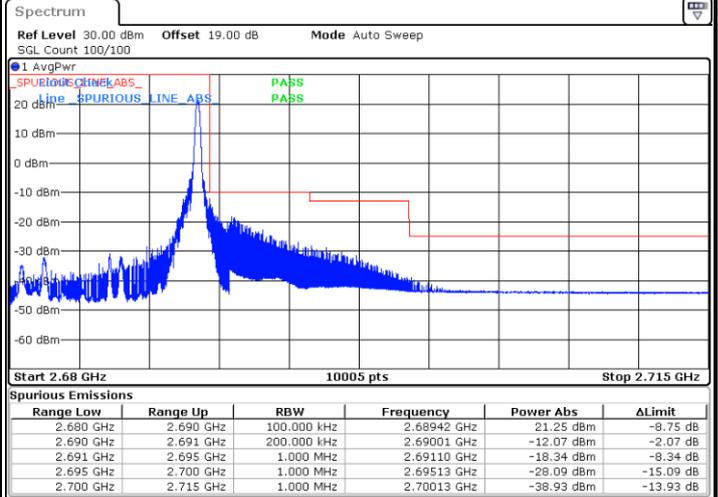
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



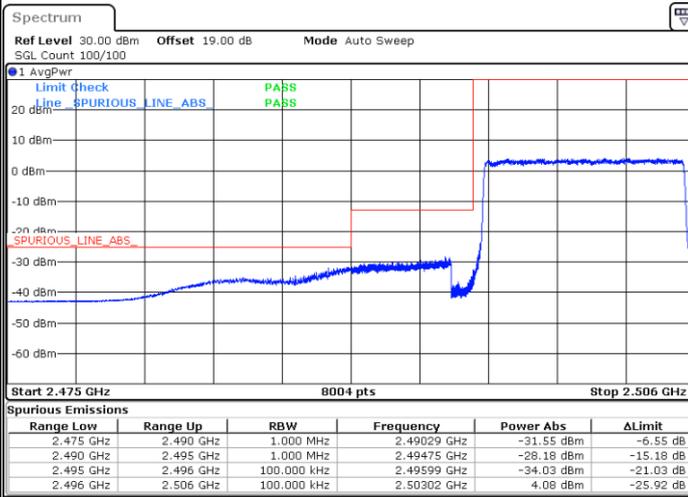
Date: 11.JUL.2025 23:36:19

Highest Band Edge / 1 RB



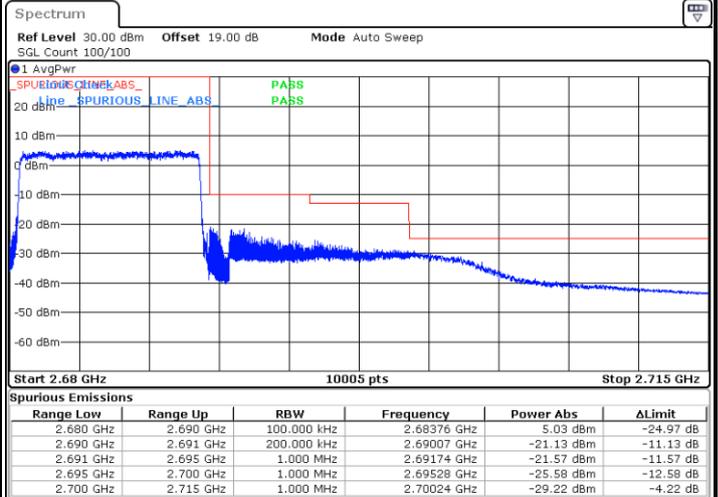
Date: 11.JUL.2025 23:41:01

Lowest Band Edge / Full RB



Date: 11.JUL.2025 23:32:31

Highest Band Edge / Full RB

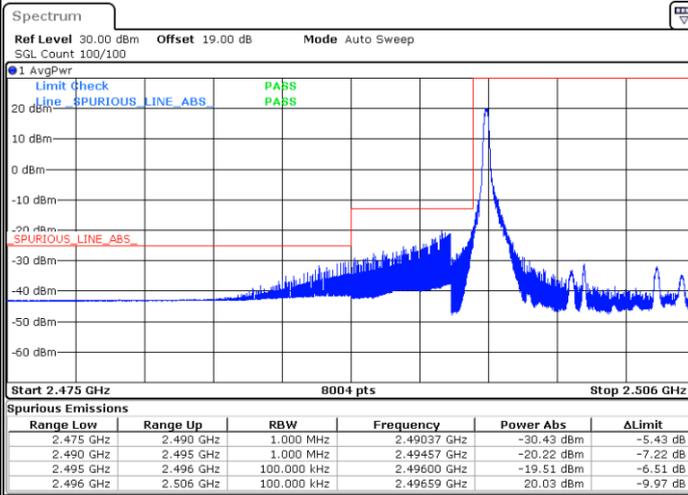


Date: 11.JUL.2025 23:43:57



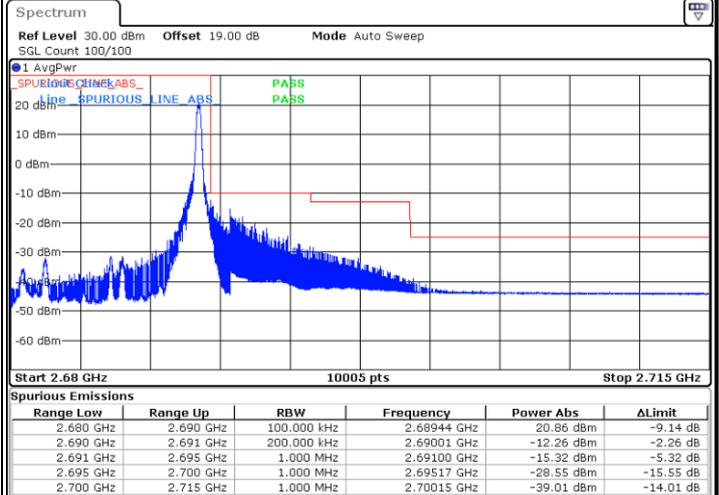
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



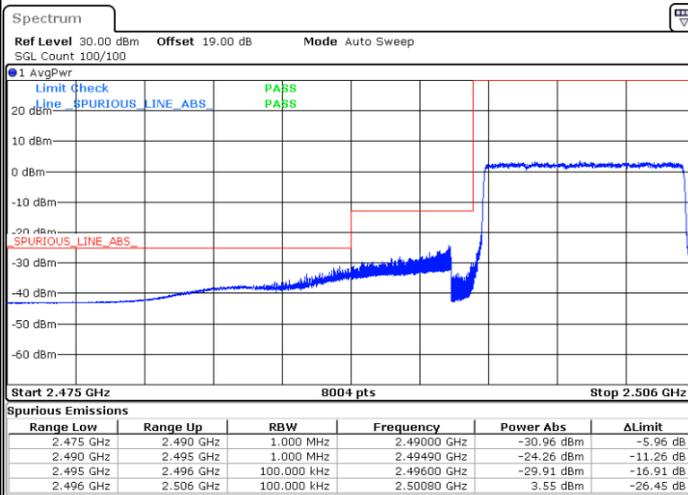
Date: 11.JUL.2025 23:35:28

Highest Band Edge / 1 RB



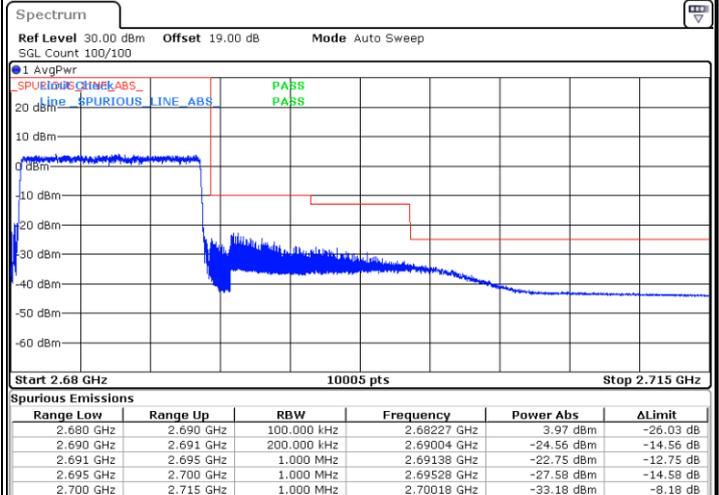
Date: 11.JUL.2025 23:41:33

Lowest Band Edge / Full RB



Date: 11.JUL.2025 23:33:11

Highest Band Edge / Full RB

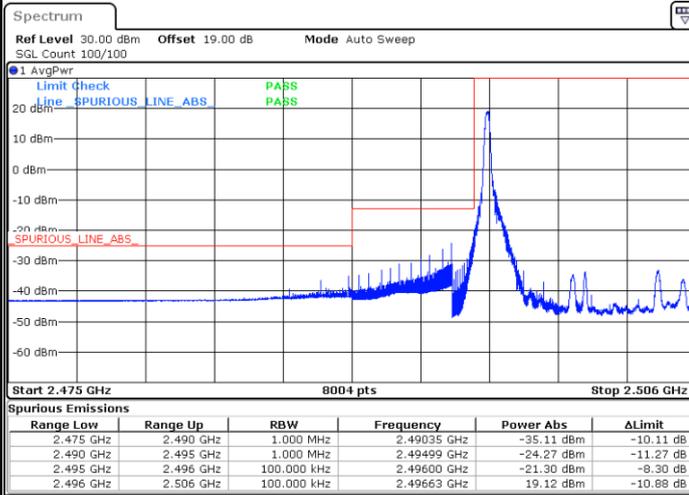


Date: 11.JUL.2025 23:43:28



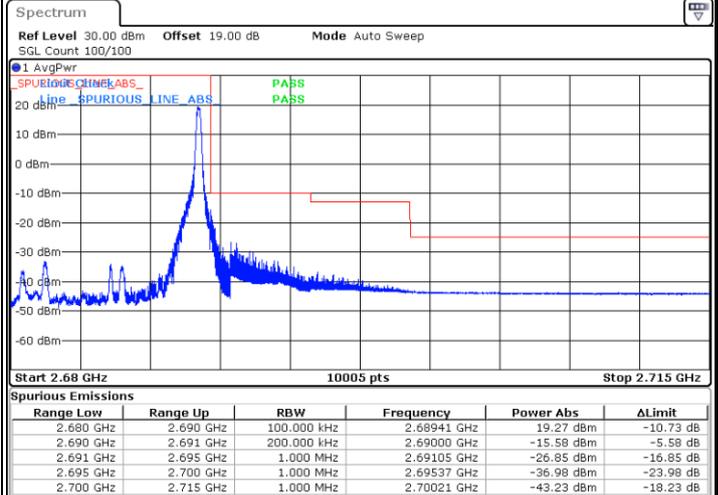
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



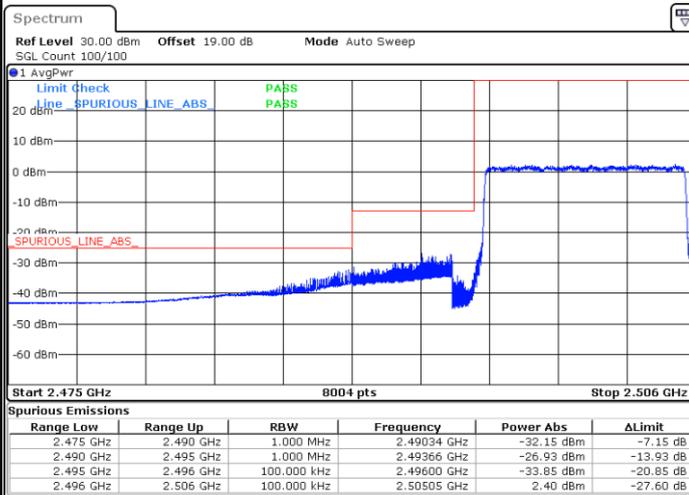
Date: 11.JUL.2025 23:34:46

Highest Band Edge / 1 RB



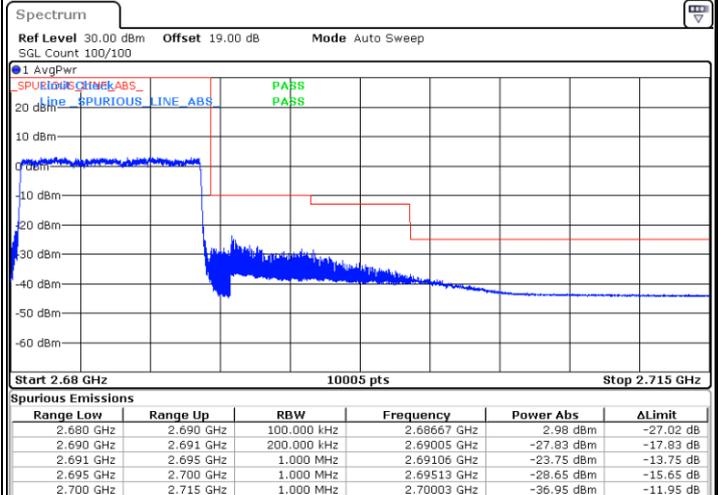
Date: 11.JUL.2025 23:42:03

Lowest Band Edge / Full RB



Date: 11.JUL.2025 23:33:49

Highest Band Edge / Full RB



Date: 11.JUL.2025 23:42:44