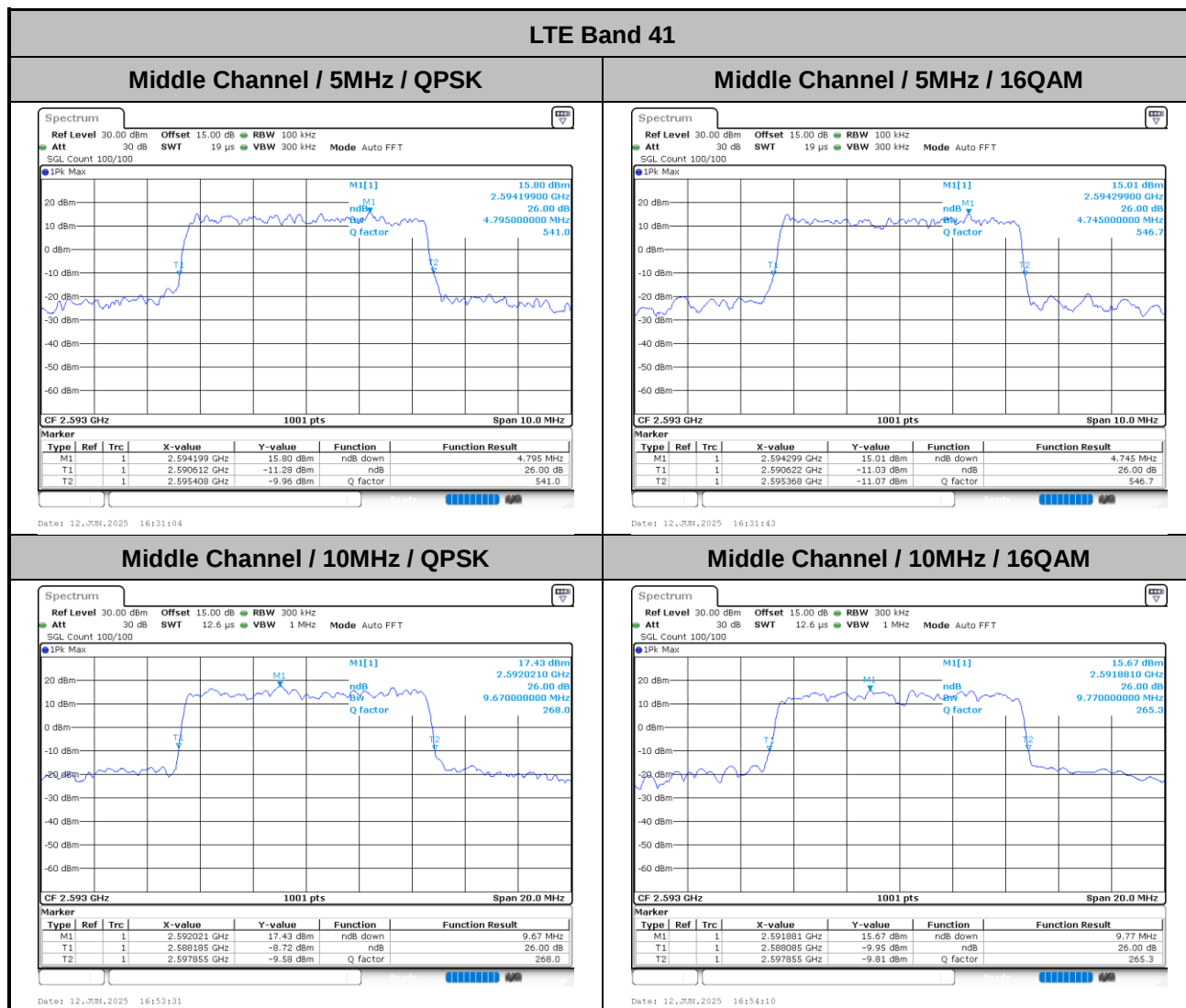




26dB Bandwidth

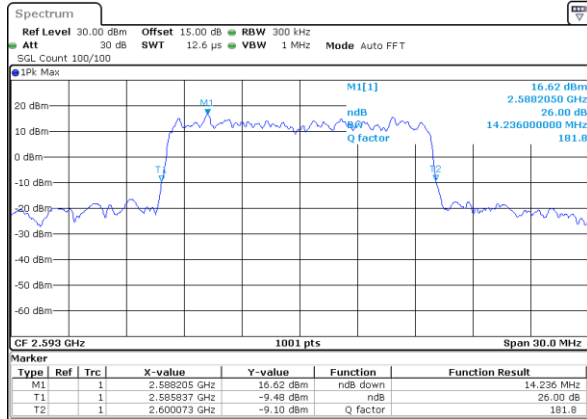
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.80	4.75	9.67	9.77	14.24	14.42	18.90	18.86





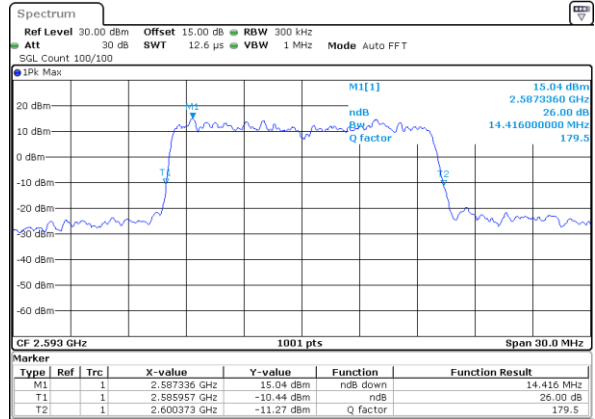
LTE Band 41

Middle Channel / 15MHz / QPSK



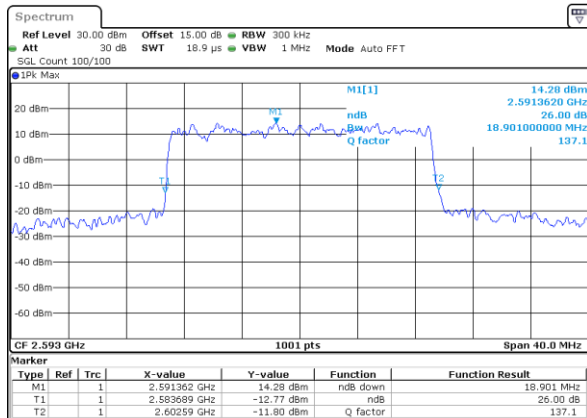
Date: 12 JUN 2025 17:13:00

Middle Channel / 15MHz / 16QAM



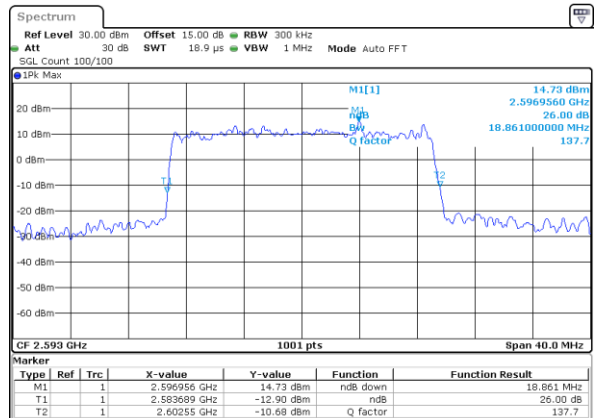
Date: 12 JUN 2025 17:13:39

Middle Channel / 20MHz / QPSK



Date: 12 JUN 2025 17:33:25

Middle Channel / 20MHz / 16QAM

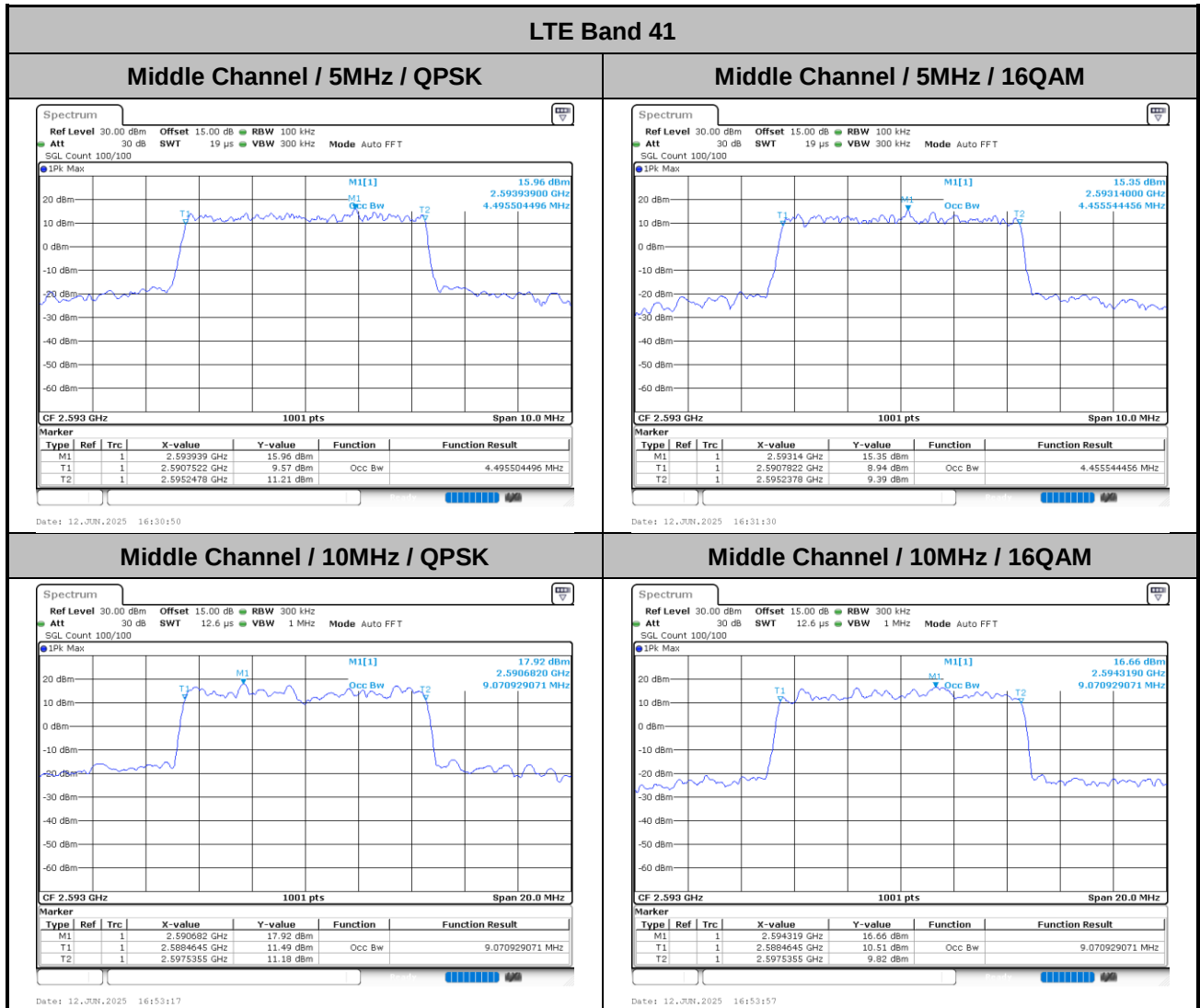


Date: 12 JUN 2025 17:34:04



Occupied Bandwidth

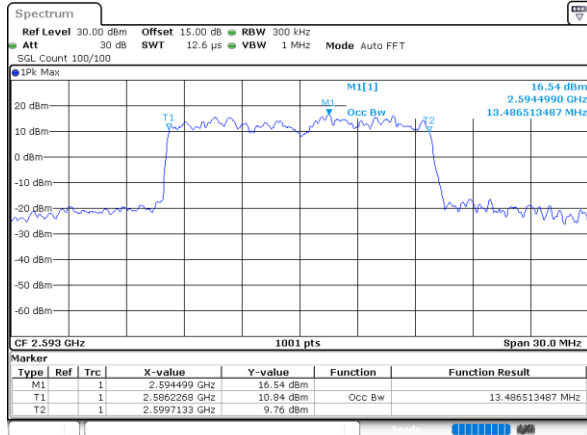
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.50	4.46	9.07	9.07	13.49	13.49	17.94	17.86



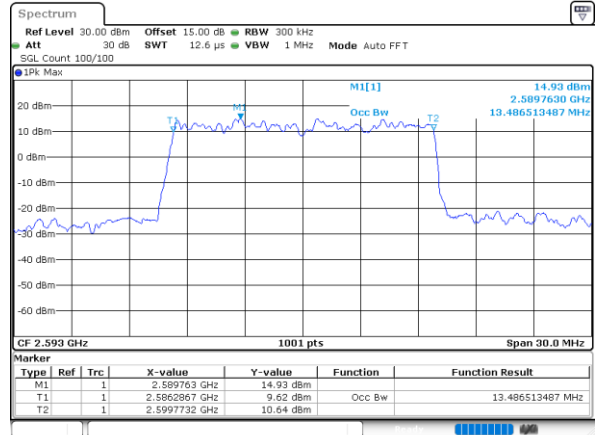


LTE Band 41

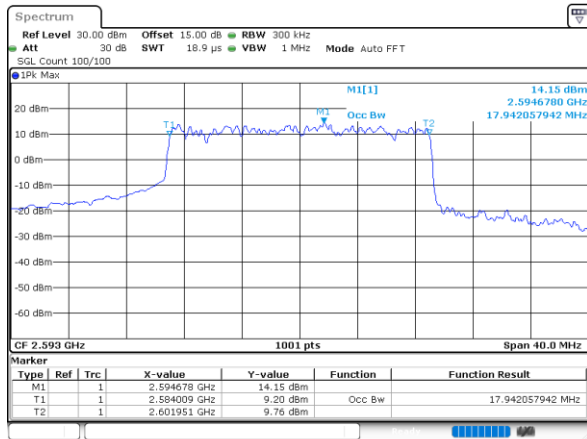
Middle Channel / 15MHz / QPSK



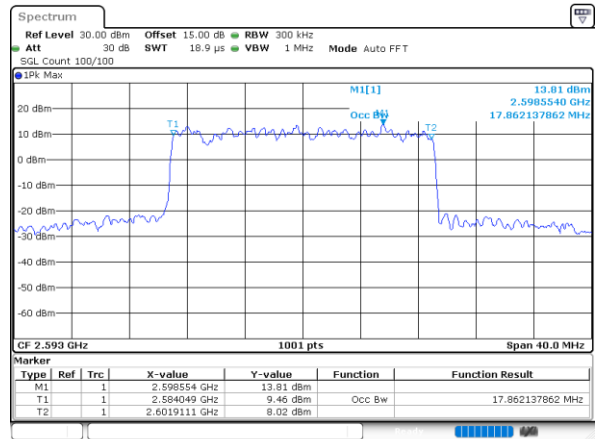
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

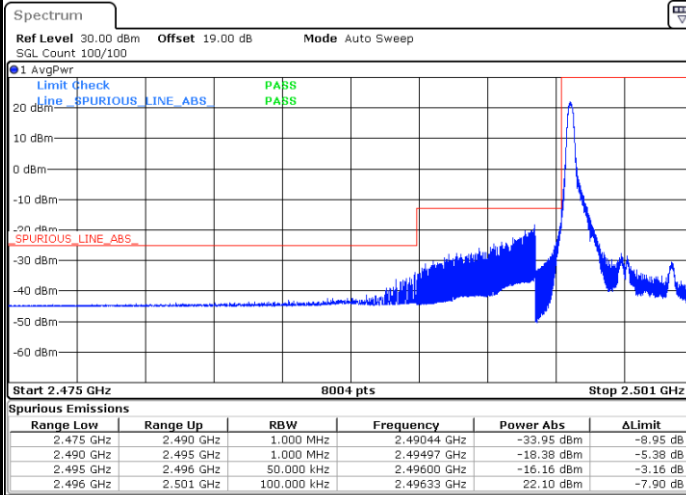




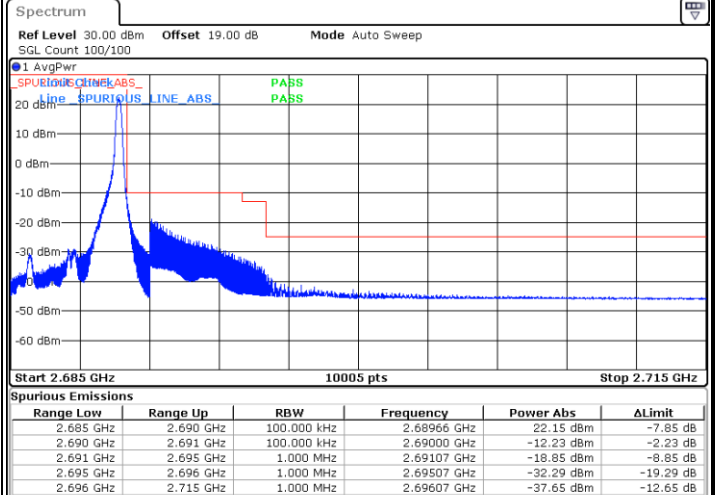
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

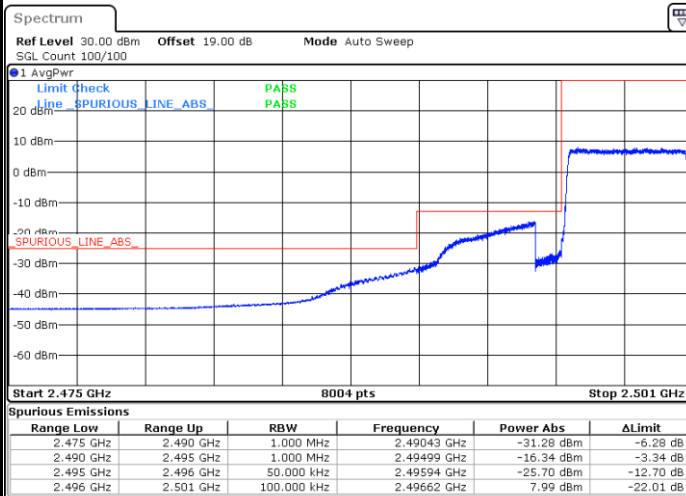
Lowest Band Edge / 1 RB



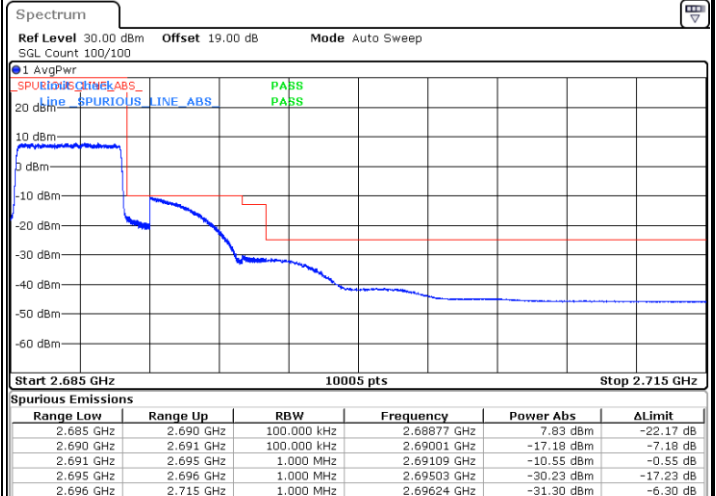
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



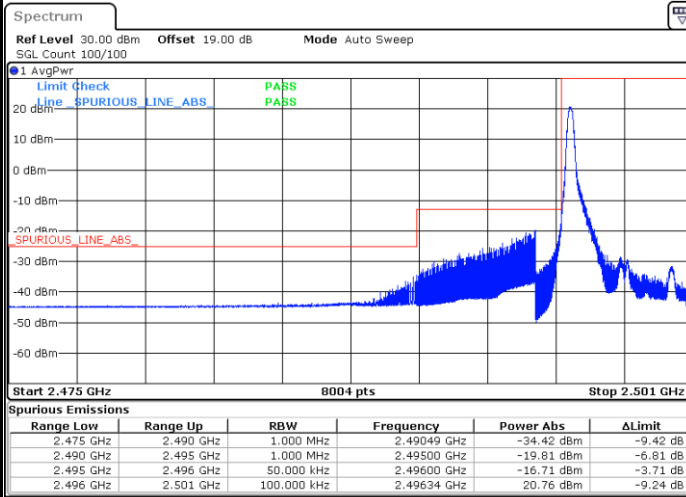
Highest Band Edge / Full RB





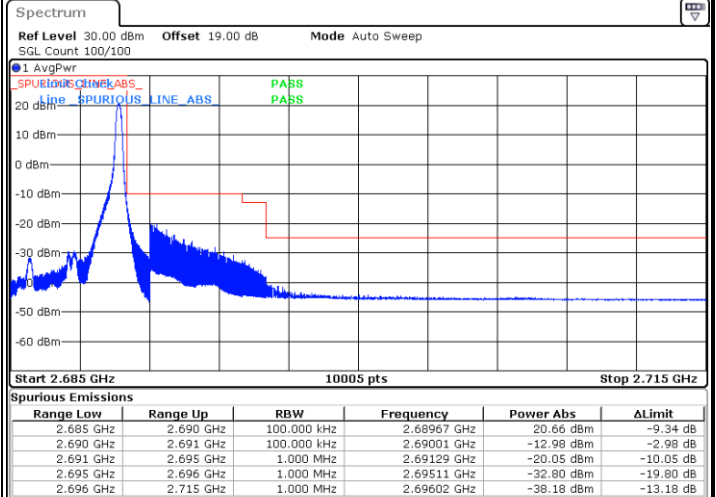
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



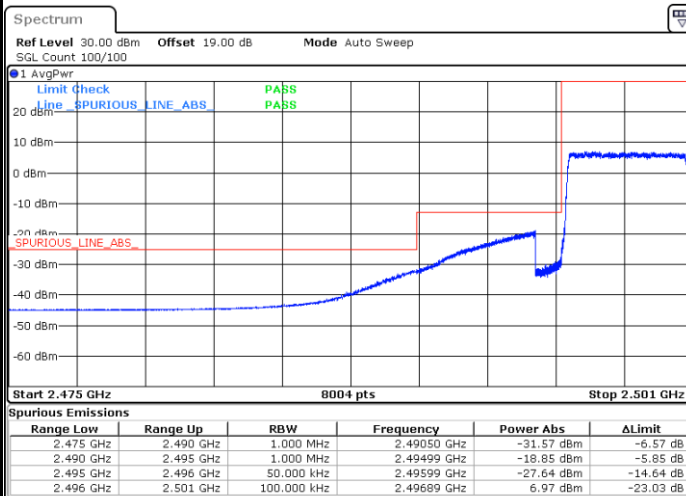
Date: 12.JUN.2025 16:24:47

Highest Band Edge / 1 RB



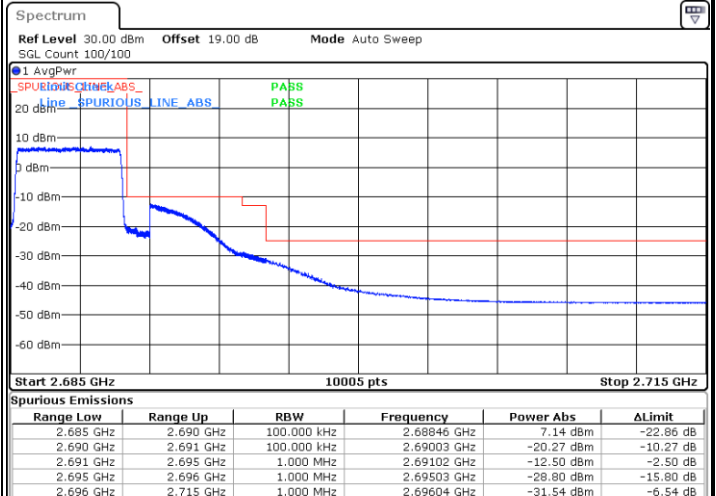
Date: 12.JUN.2025 16:37:02

Lowest Band Edge / Full RB



Date: 12.JUN.2025 16:27:22

Highest Band Edge / Full RB

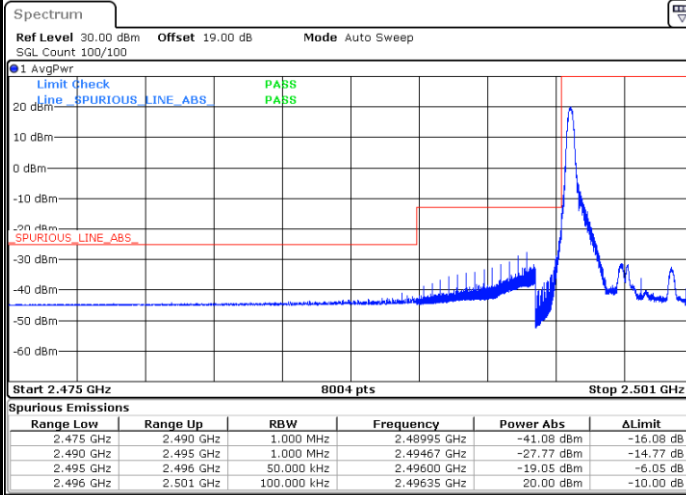


Date: 12.JUN.2025 16:40:34



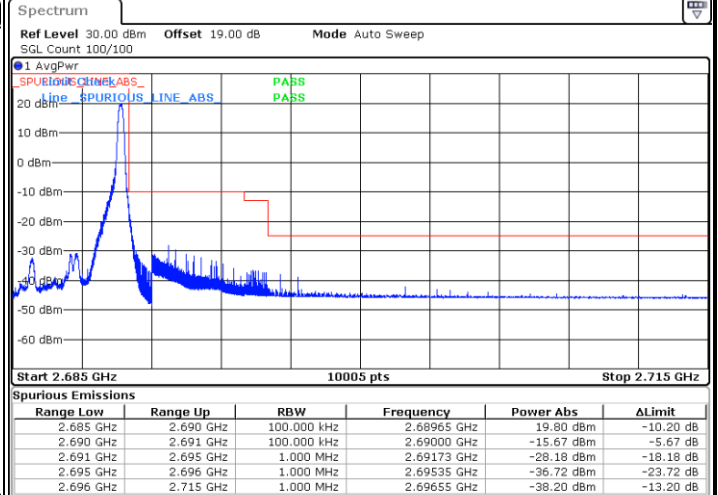
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



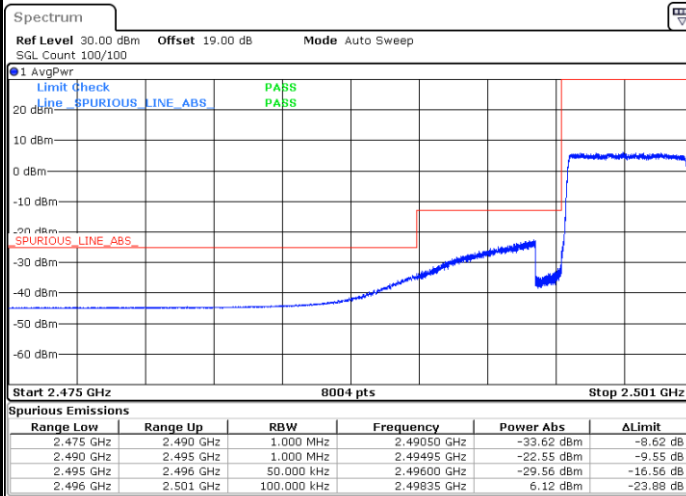
Date: 12.JUN.2025 16:25:39

Highest Band Edge / 1 RB



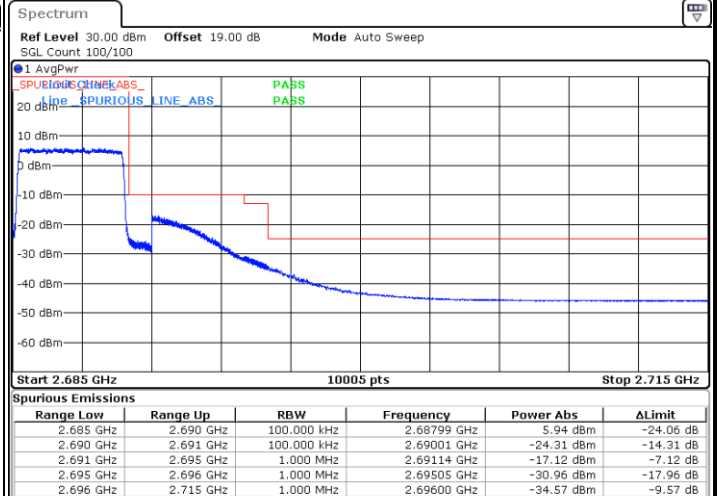
Date: 12.JUN.2025 16:38:13

Lowest Band Edge / Full RB



Date: 12.JUN.2025 16:26:30

Highest Band Edge / Full RB

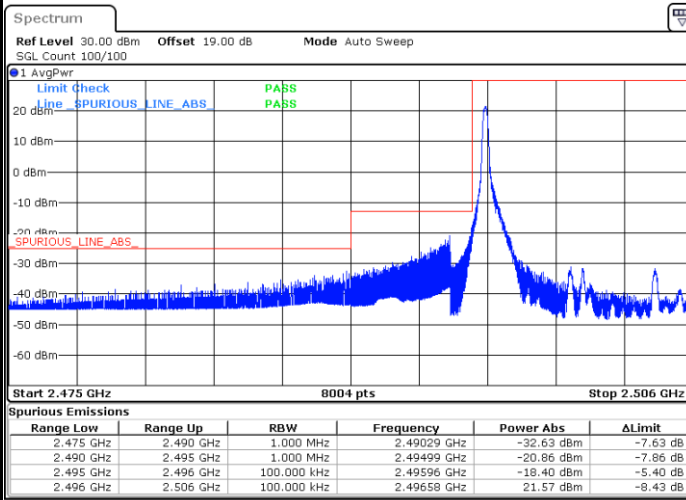


Date: 12.JUN.2025 16:39:24

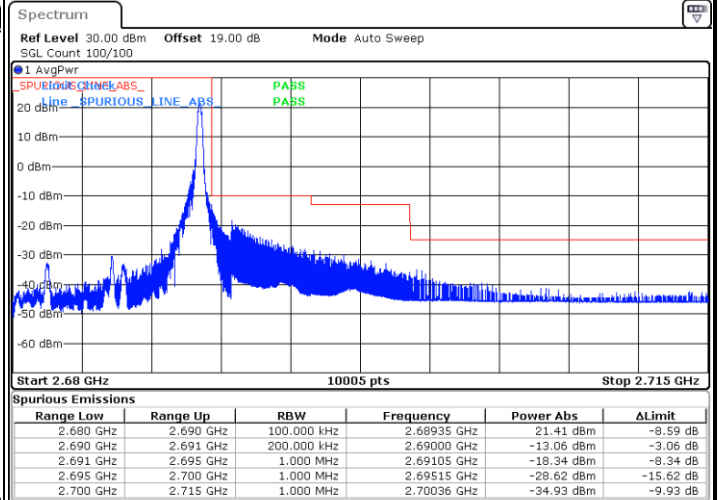


LTE Band 41 / 10MHz / QPSK

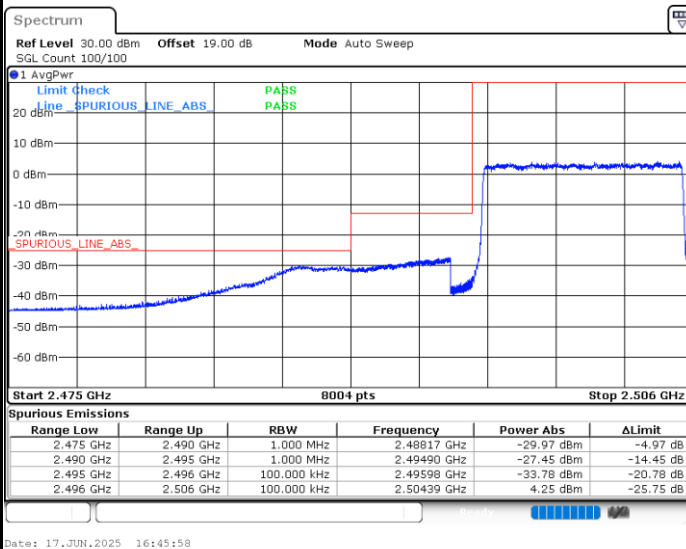
Lowest Band Edge / 1 RB



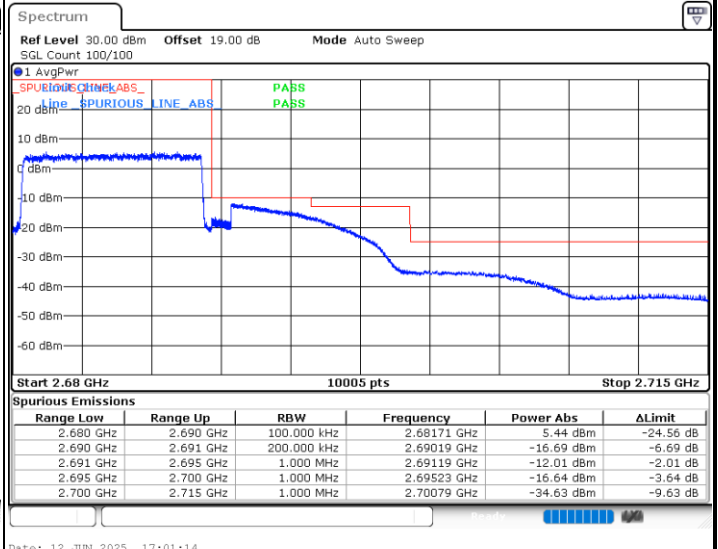
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



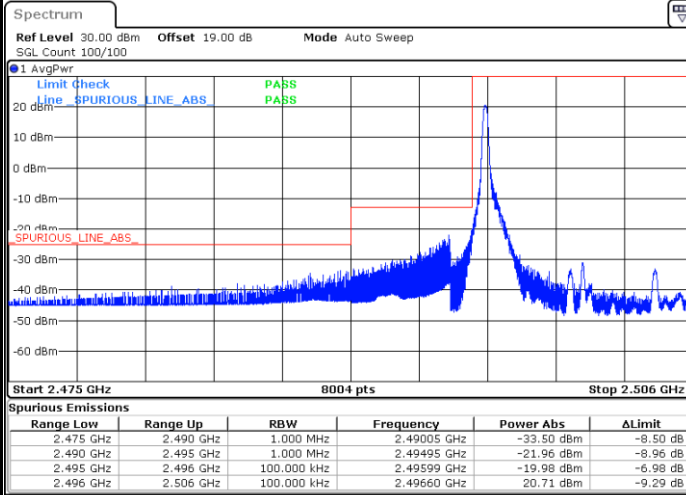
Highest Band Edge / Full RB



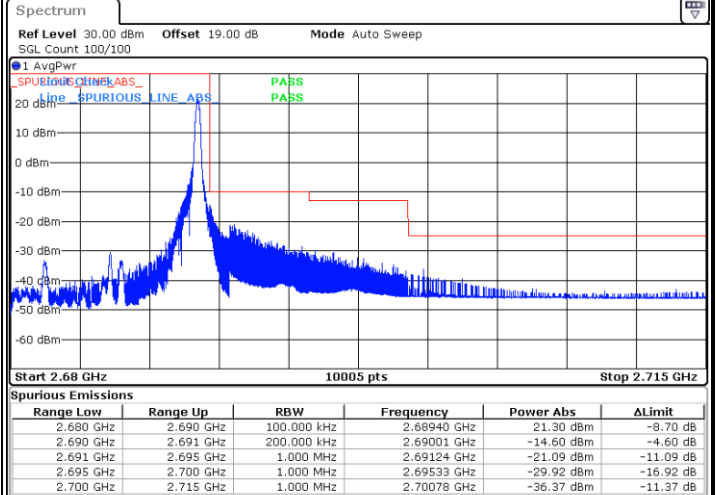


LTE Band 41 / 10MHz / 16QAM

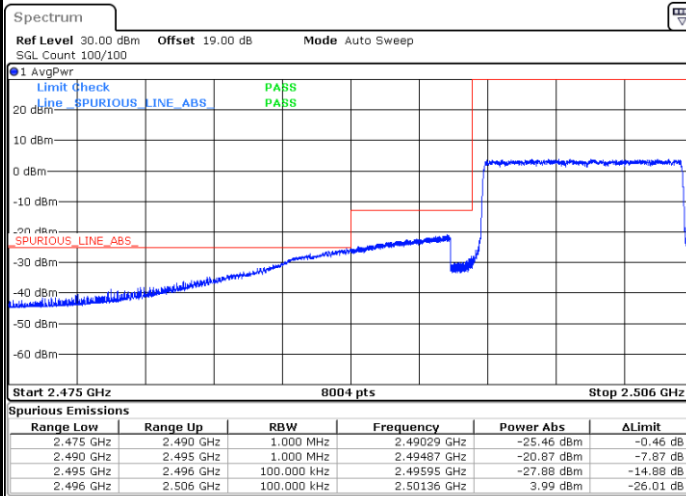
Lowest Band Edge / 1RB



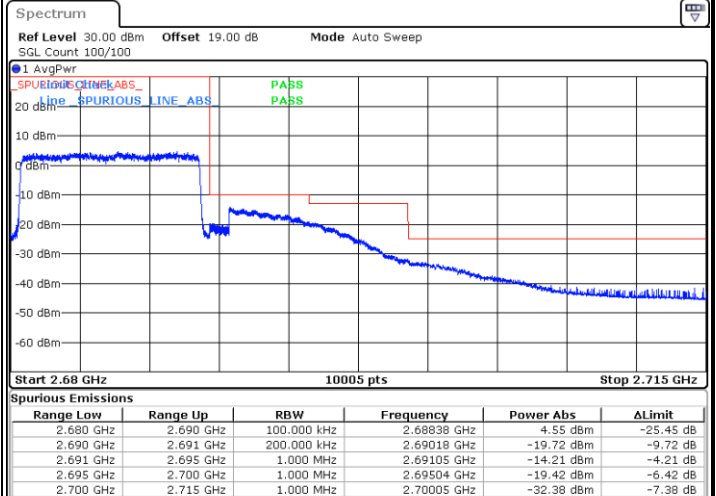
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



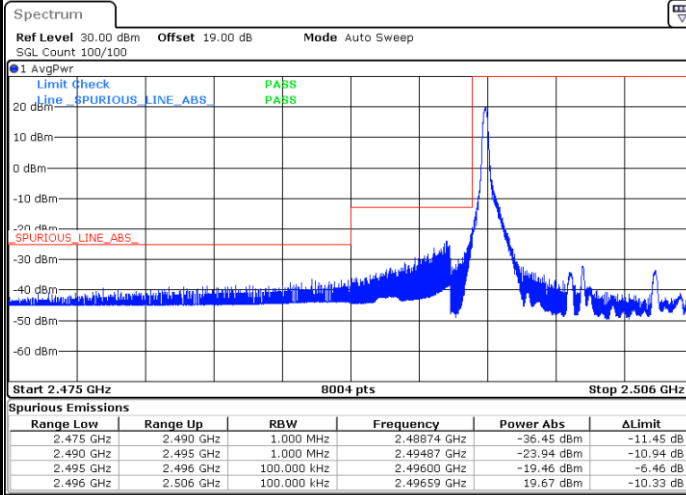
Highest Band Edge / Full RB





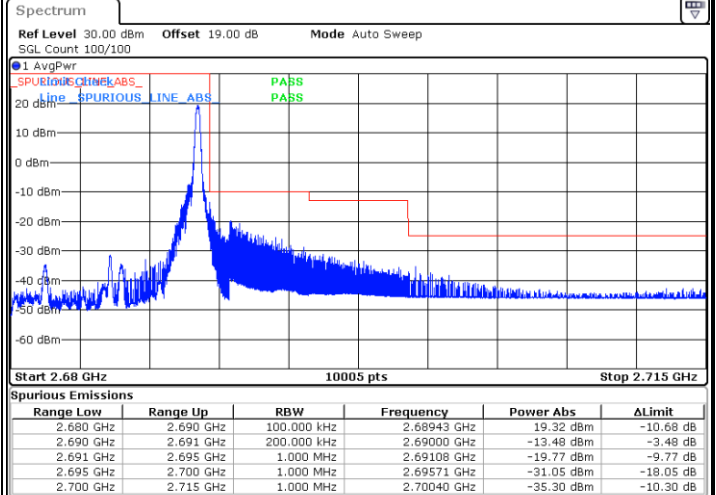
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



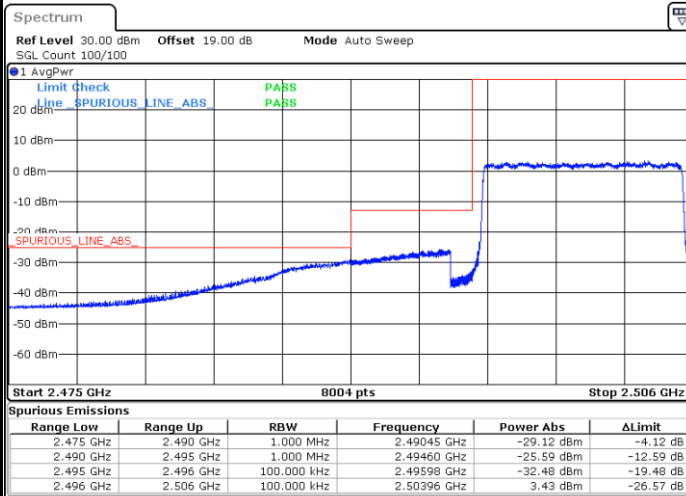
Date: 12.JUN.2025 16:47:07

Highest Band Edge / 1 RB



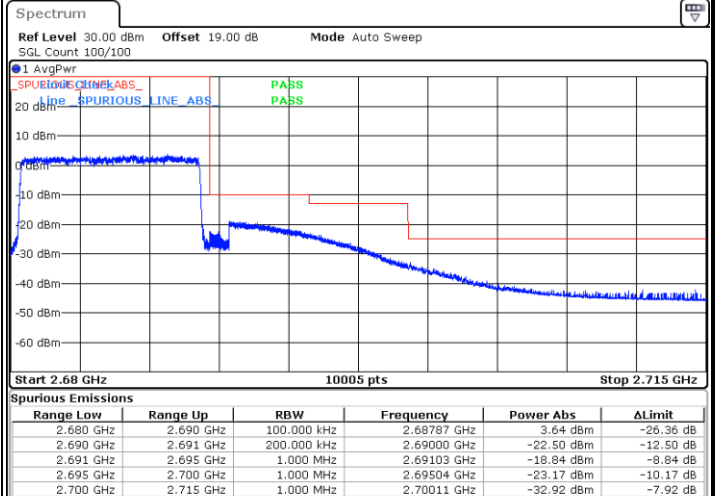
Date: 12.JUN.2025 16:57:42

Lowest Band Edge / Full RB



Date: 12.JUN.2025 16:48:18

Highest Band Edge / Full RB

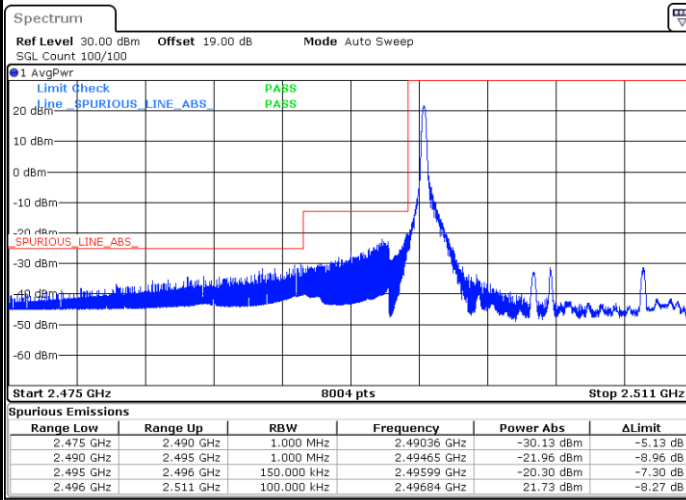


Date: 12.JUN.2025 16:58:53

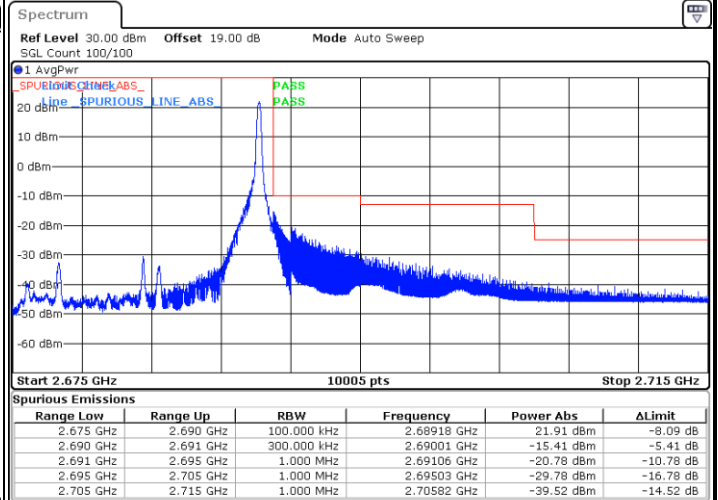


LTE Band 41 / 15MHz / QPSK

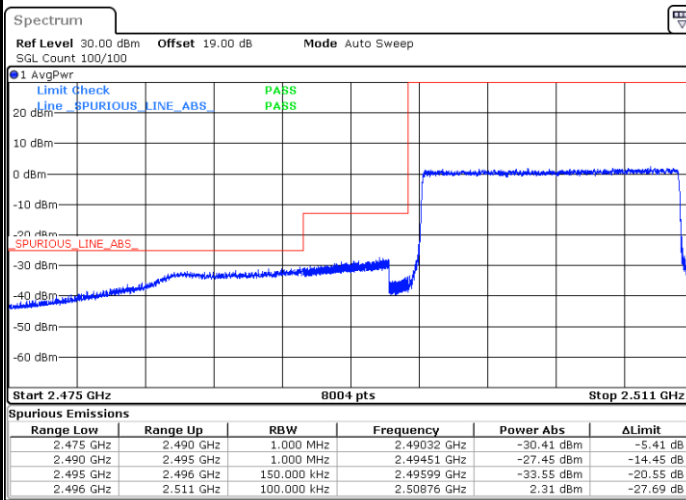
Lowest Band Edge / 1 RB



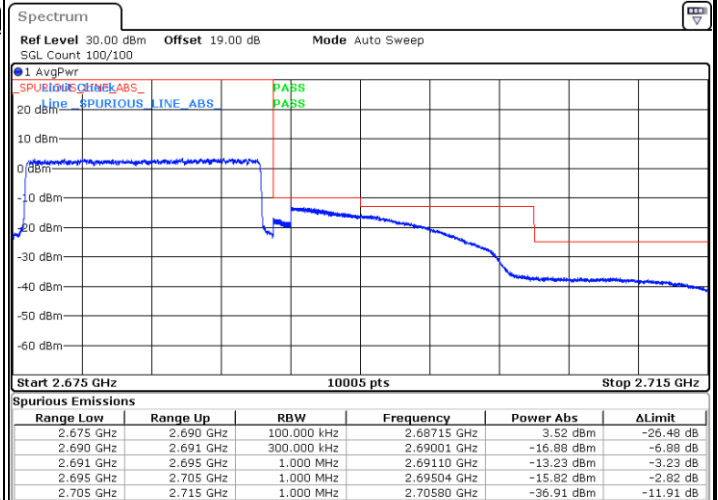
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



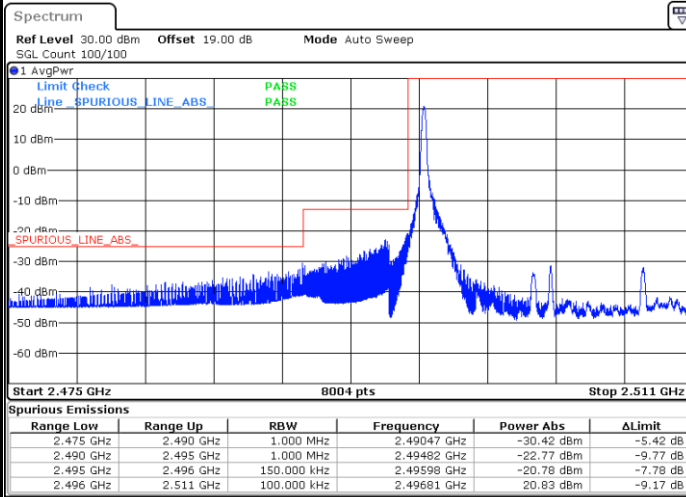
Highest Band Edge / Full RB





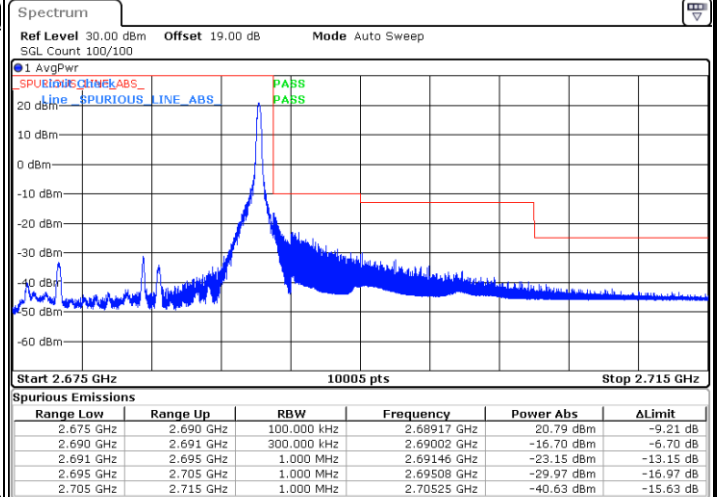
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



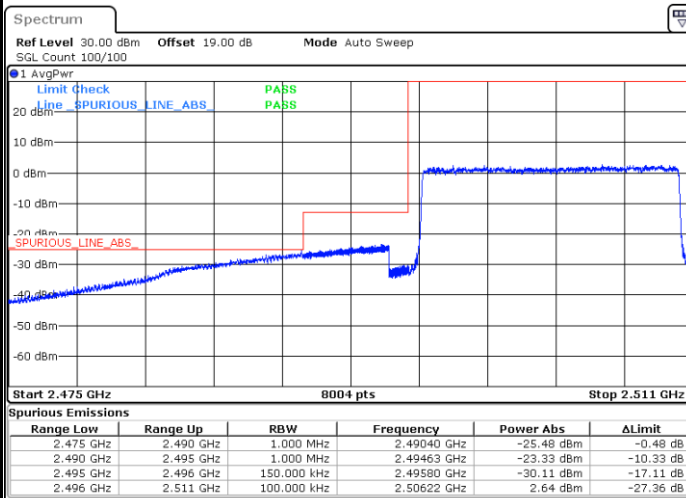
Date: 12.JUN.2025 17:05:25

Highest Band Edge / 1 RB



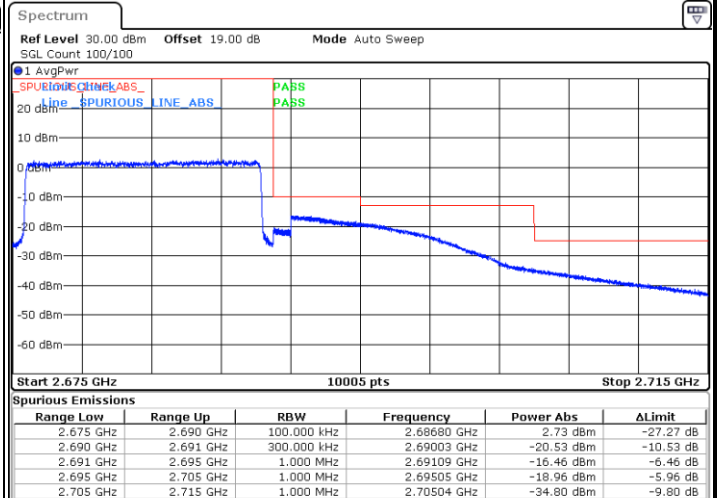
Date: 12.JUN.2025 17:16:00

Lowest Band Edge / Full RB



Date: 12.JUN.2025 17:08:58

Highest Band Edge / Full RB

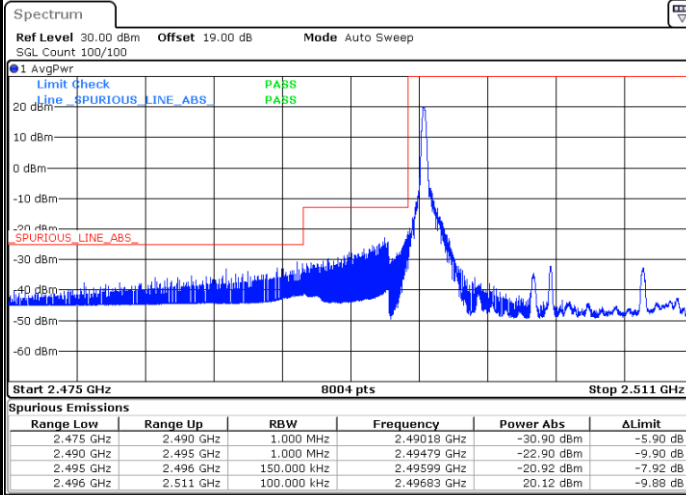


Date: 12.JUN.2025 17:19:32



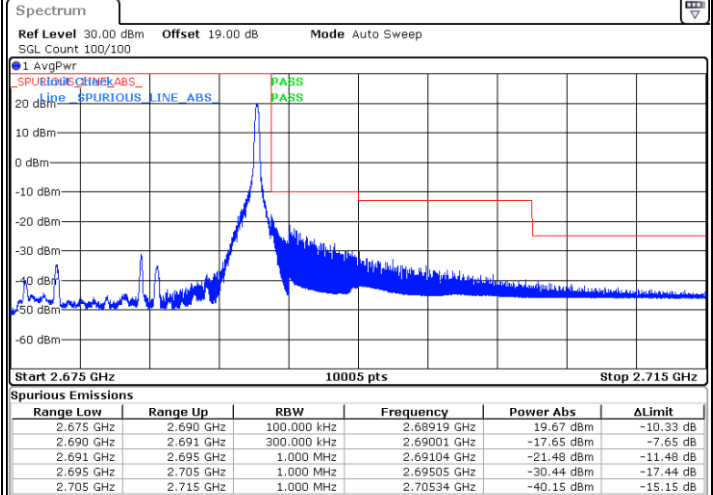
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



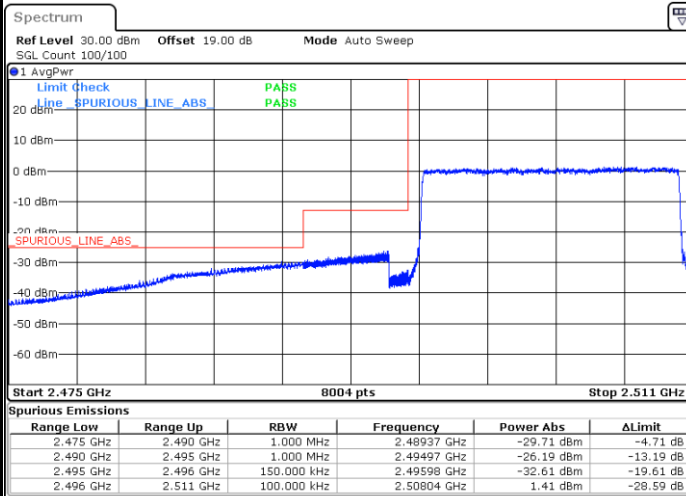
Date: 12.JUN.2025 17:06:36

Highest Band Edge / 1 RB



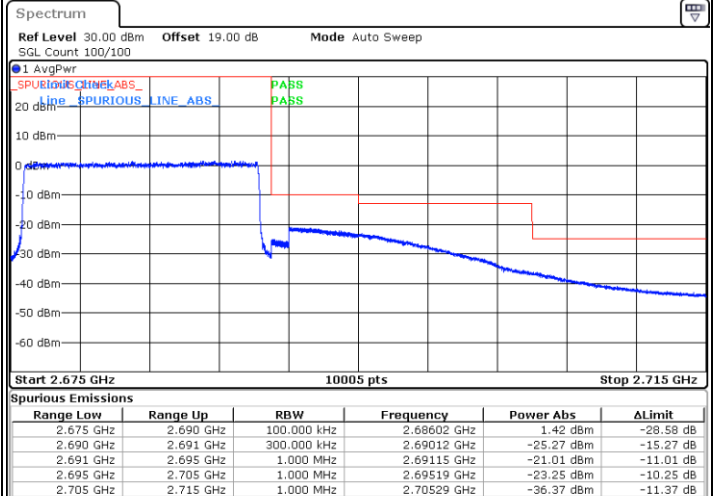
Date: 12.JUN.2025 17:17:11

Lowest Band Edge / Full RB



Date: 12.JUN.2025 17:07:47

Highest Band Edge / Full RB

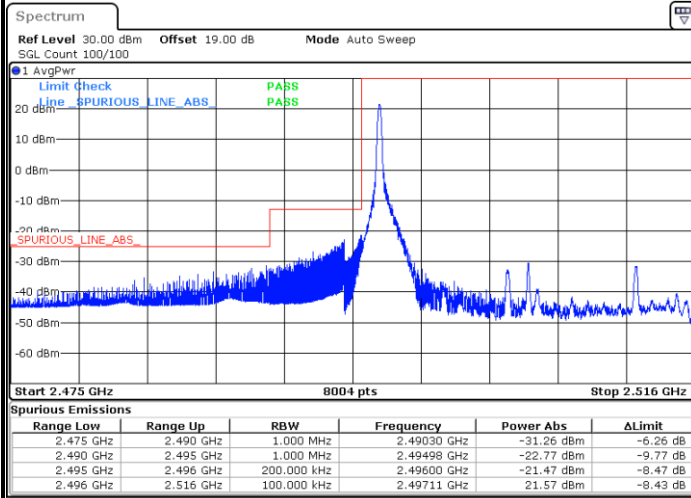


Date: 12.JUN.2025 17:18:21

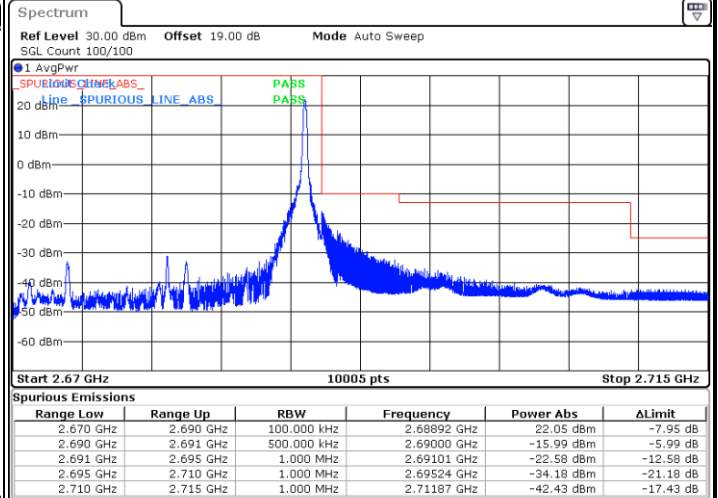


LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB

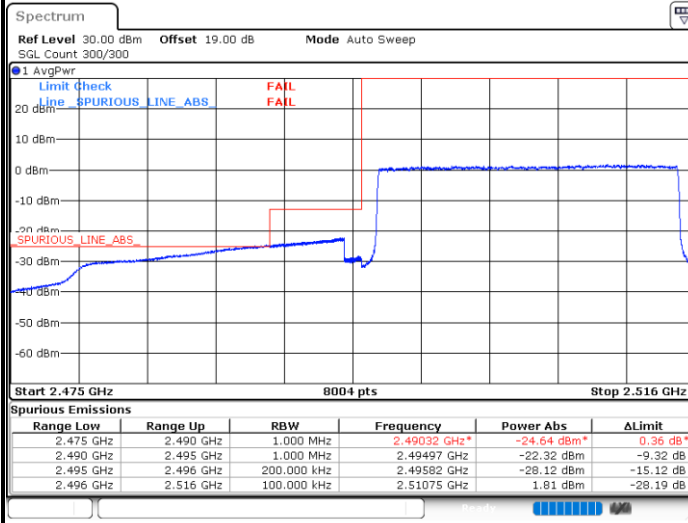


Highest Band Edge / 1 RB

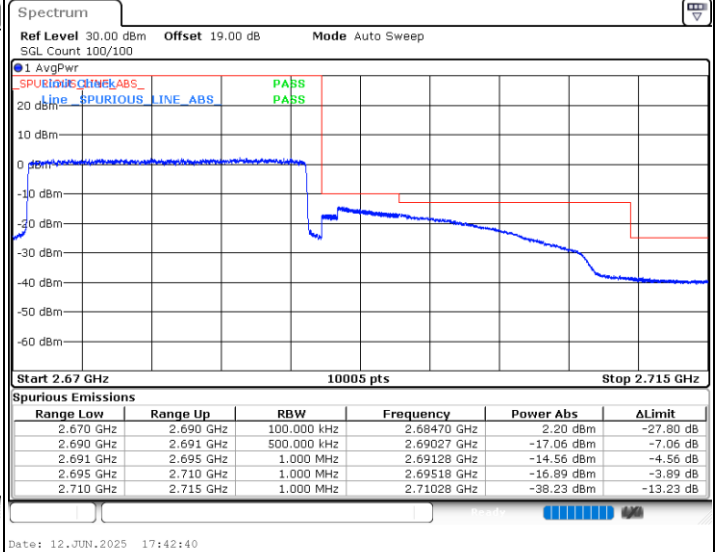




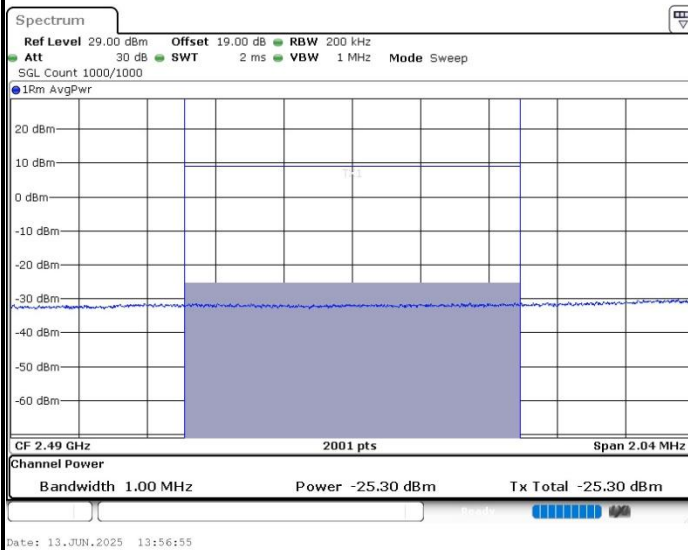
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Lowest Band Edge / Full RB-CP



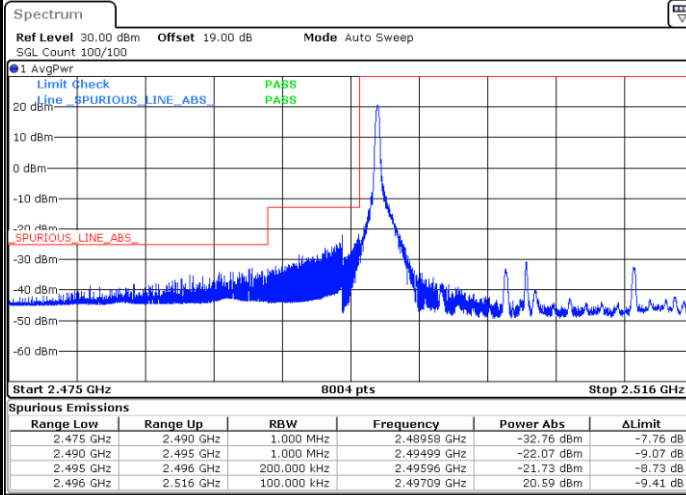
/

/



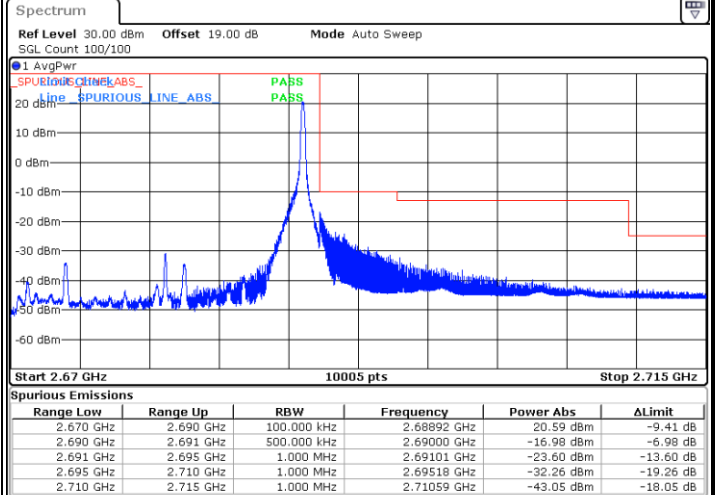
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



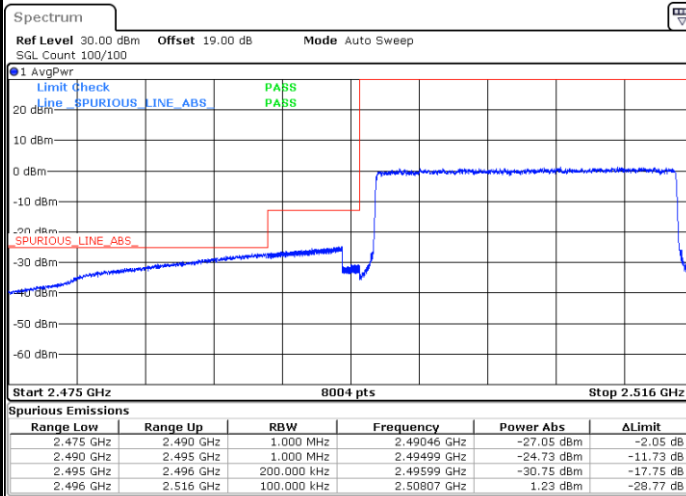
Date: 12.JUN.2025 17:24:53

Highest Band Edge / 1 RB



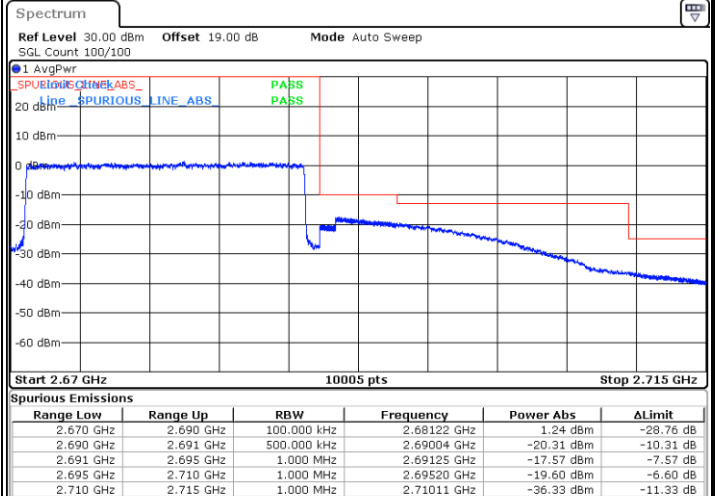
Date: 12.JUN.2025 17:37:45

Lowest Band Edge / Full RB



Date: 12.JUN.2025 17:28:27

Highest Band Edge / Full RB

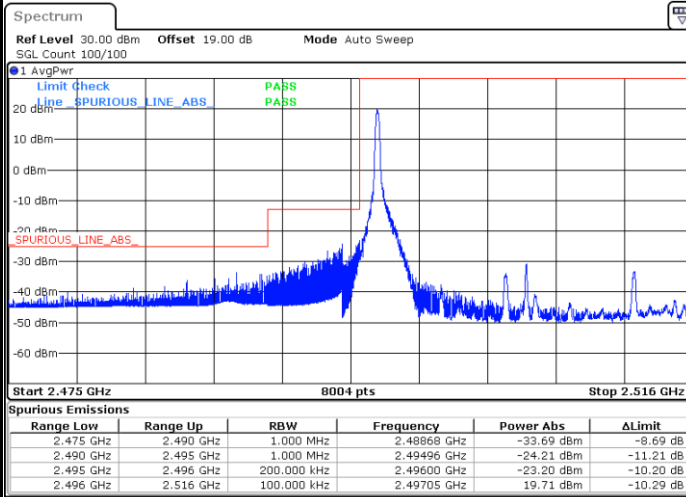


Date: 12.JUN.2025 17:41:26

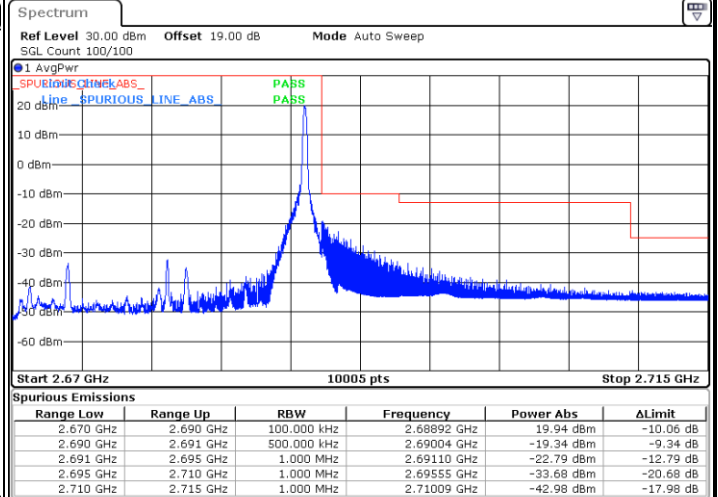


LTE Band 41 / 20MHz / 64QAM

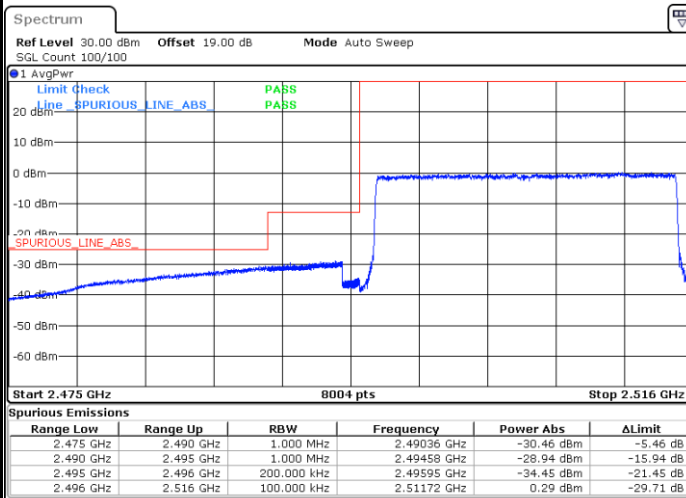
Lowest Band Edge / 1RB



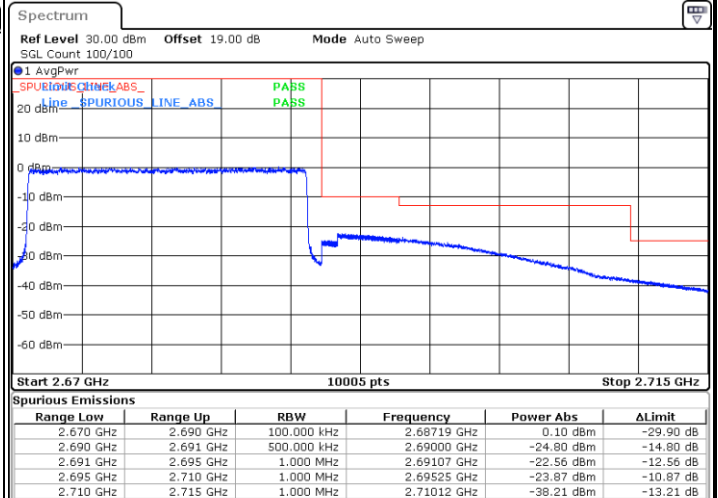
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

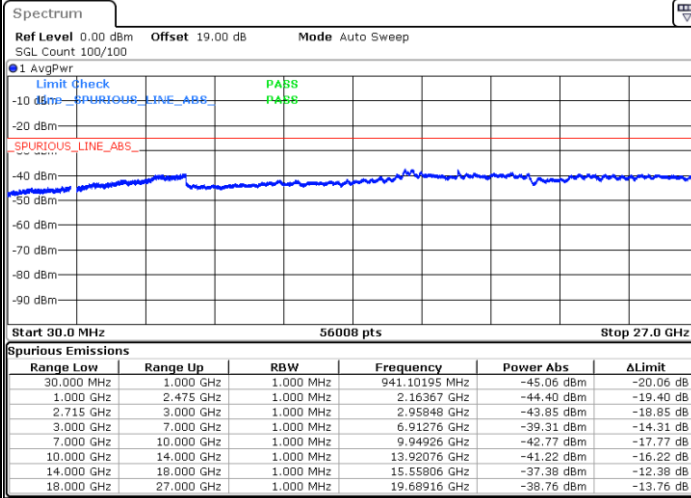




Conducted Spurious Emission

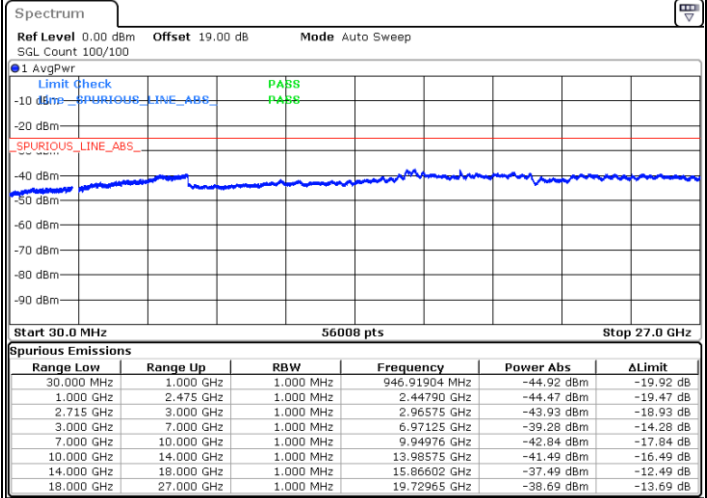
LTE Band 41 / 5MHz

Lowest Channel / QPSK



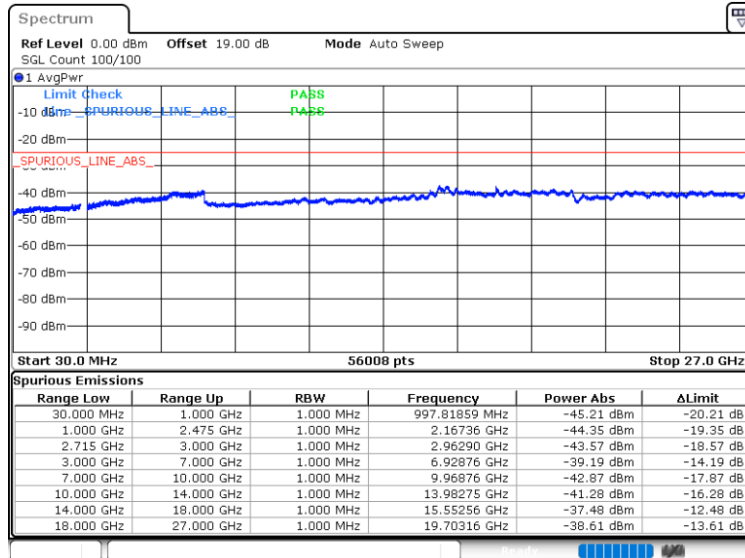
Date: 12.JUN.2025 16:29:19

Middle Channel / QPSK



Date: 12.JUN.2025 16:30:24

Highest Channel / QPSK

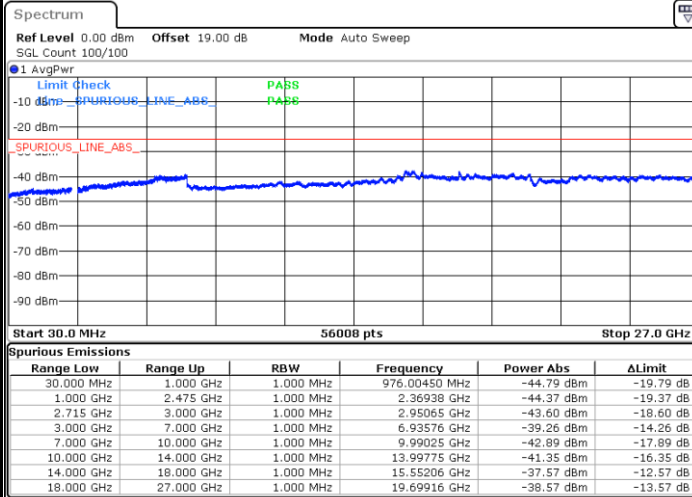


Date: 12.JUN.2025 16:42:51



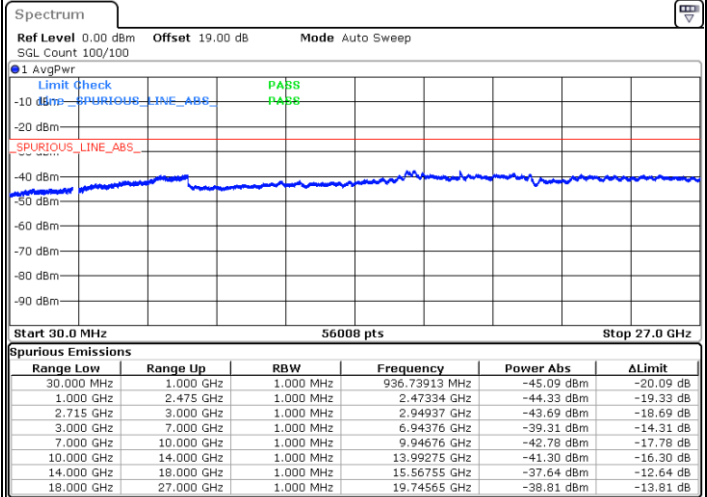
LTE Band 41 / 10MHz

Lowest Channel / QPSK



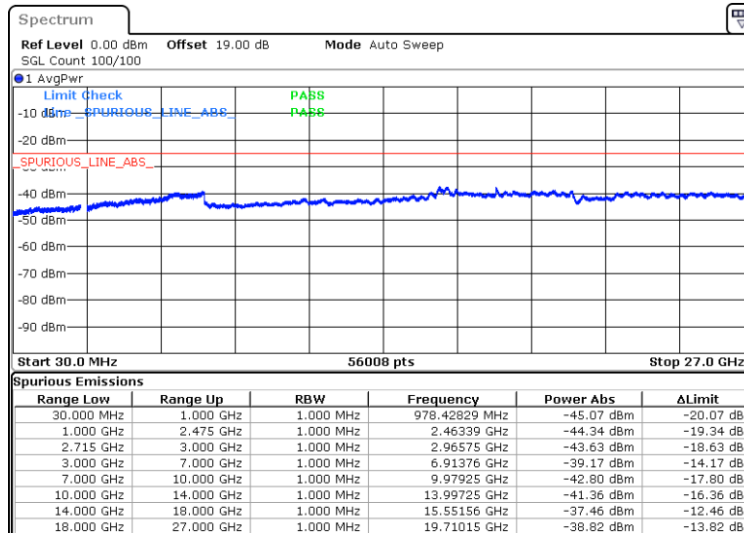
Date: 12.JUN.2025 16:51:46

Middle Channel / QPSK



Date: 12.JUN.2025 16:52:51

Highest Channel / QPSK

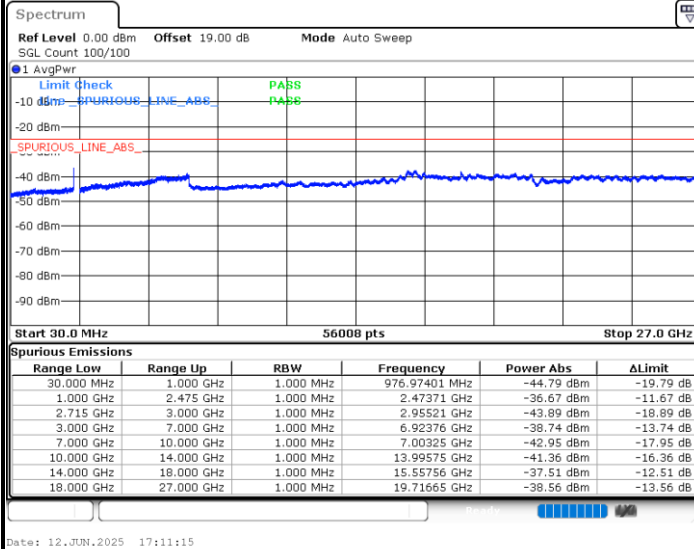


Date: 12.JUN.2025 17:02:20

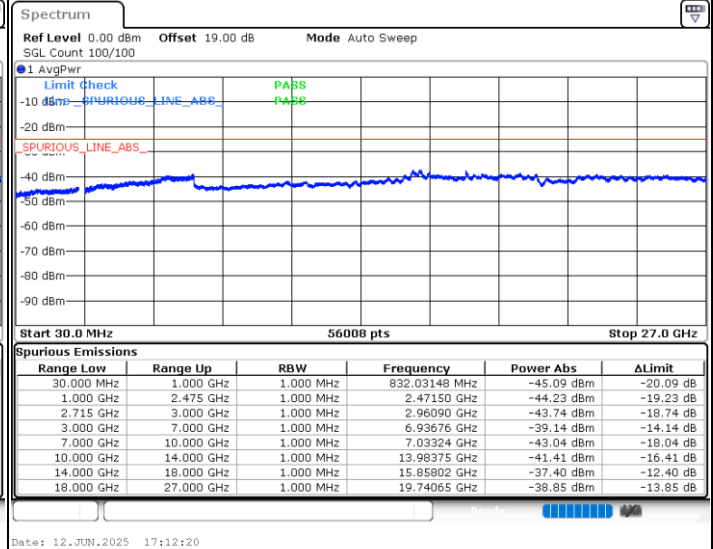


LTE Band 41 / 15MHz

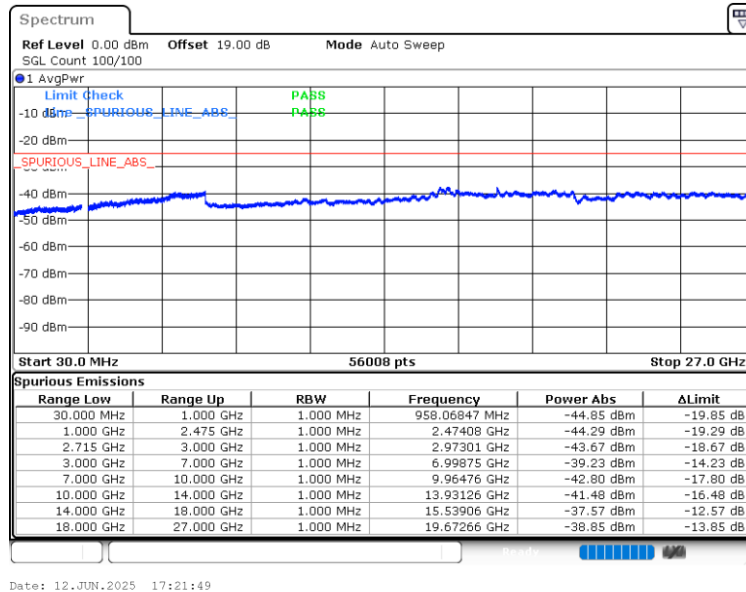
Lowest Channel / QPSK



Middle Channel / QPSK



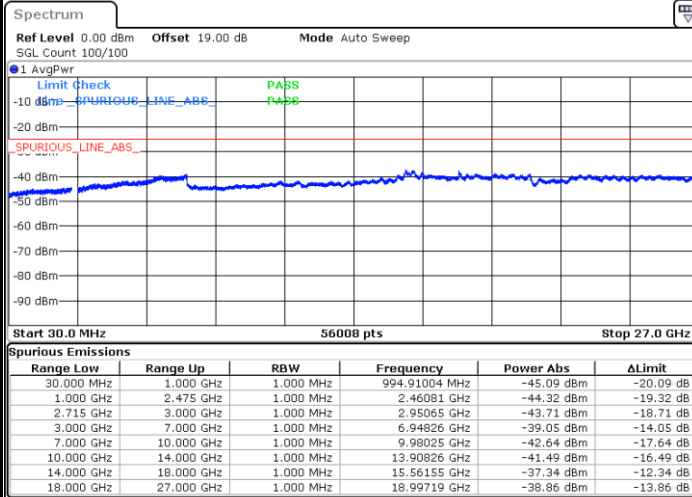
Highest Channel / QPSK





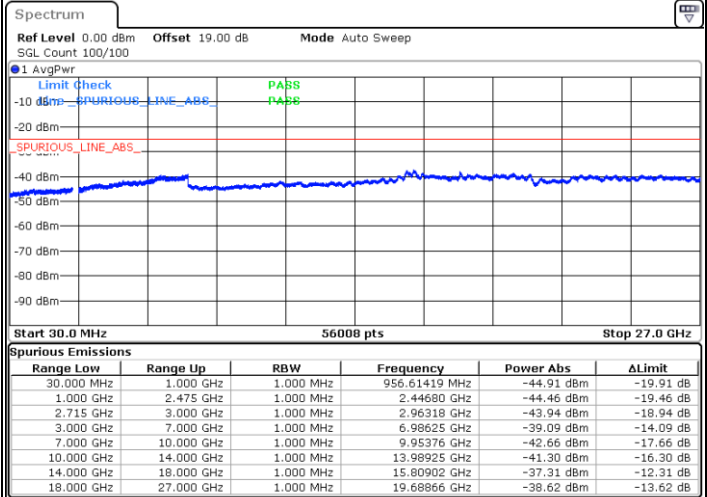
LTE Band 41 / 20MHz

Lowest Channel / QPSK



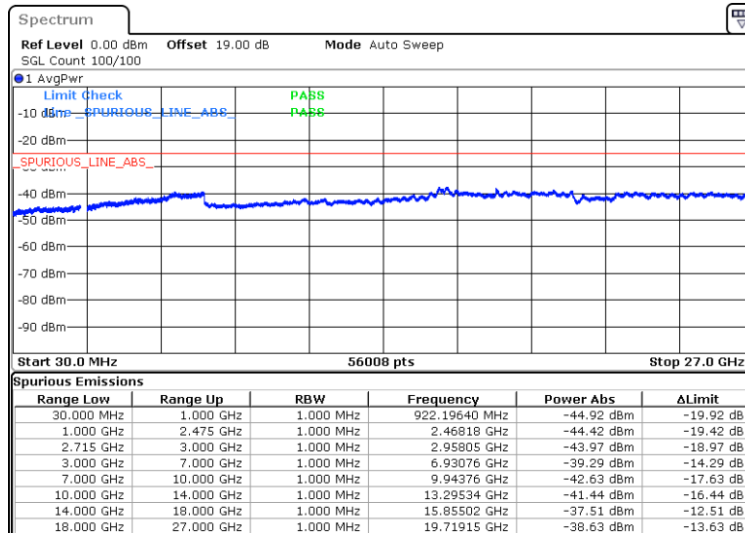
Date: 12.JUN.2025 17:31:40

Middle Channel / QPSK



Date: 12.JUN.2025 17:32:45

Highest Channel / QPSK



Date: 12.JUN.2025 17:43:49

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Frequency Offset (Δf) (Hz)	Result
50	Normal Voltage	-1.9	PASS
40	Normal Voltage	2.2	
30	Normal Voltage	2.4	
20(Ref.)	Normal Voltage	-2.6	
10	Normal Voltage	2.1	
0	Normal Voltage	2.9	
-10	Normal Voltage	3.1	
-20	Normal Voltage	1.1	
-30	Normal Voltage	1.9	
20	Maximum Voltage	2.3	
20	Normal Voltage	-2.6	
20	Battery End Point	3.2	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$$|\text{MAX}(\Delta f)| = 3.2\text{Hz}$$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L - \text{MAX}(\Delta f) $	2496.262197	$\geq 2496 \text{ MHz}$	PASS
$f_H + \text{MAX}(\Delta f) $	2689.767703	$\leq 2690 \text{ MHz}$	



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.03	25.33	30.69	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.15	34.97	39.96	/

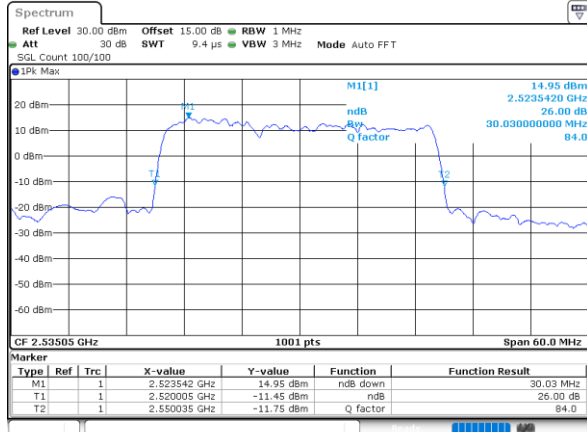
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.97	25.23	30.75	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	35.04	39.96	/



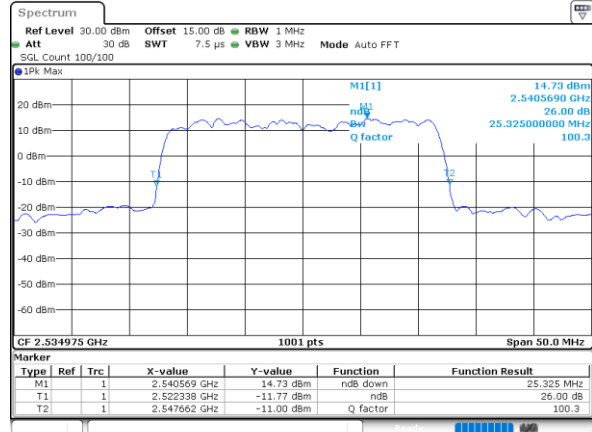
LTE Band 7C

QPSK

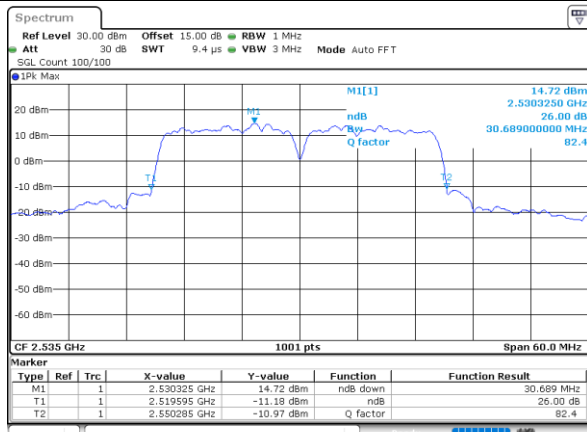
Middle Channel / 10MHz+20MHz



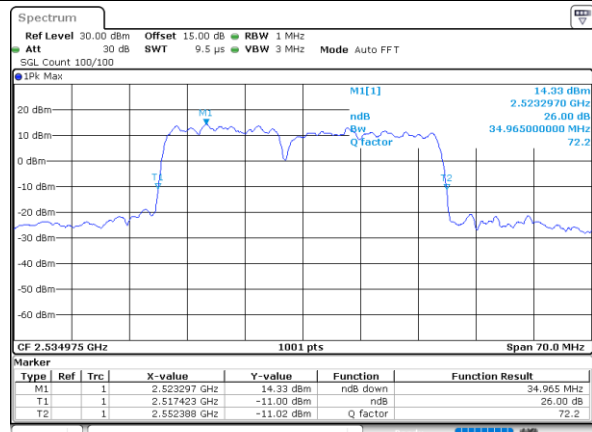
Middle Channel / 15MHz+10MHz



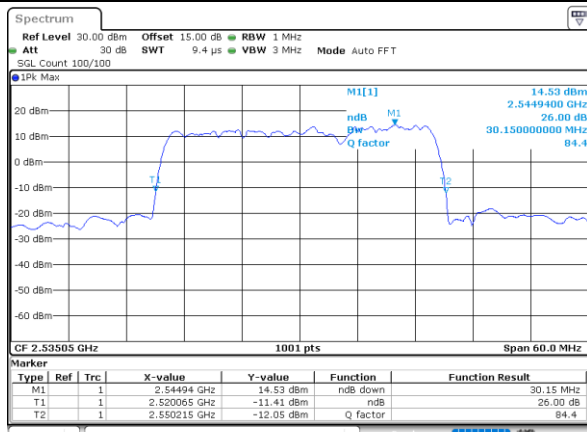
Middle Channel / 15MHz+15MHz



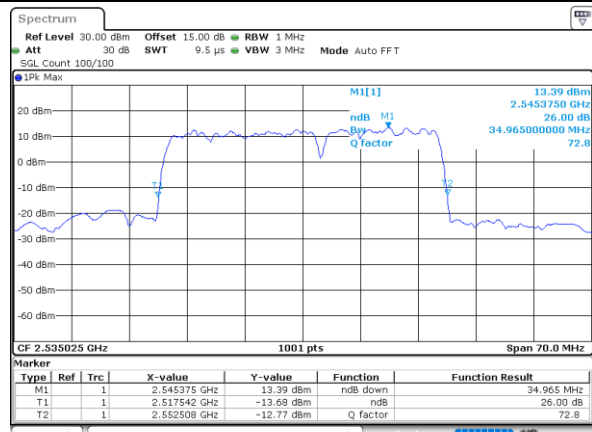
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



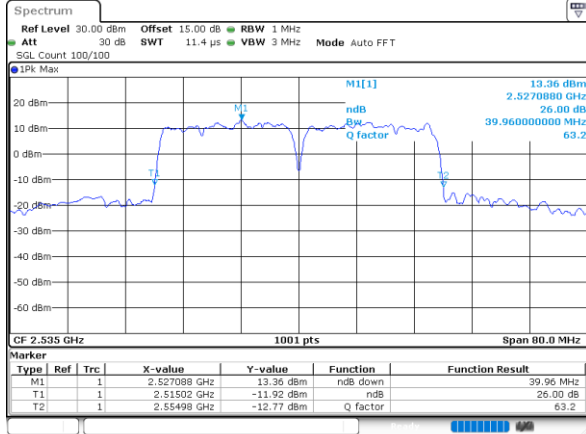


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



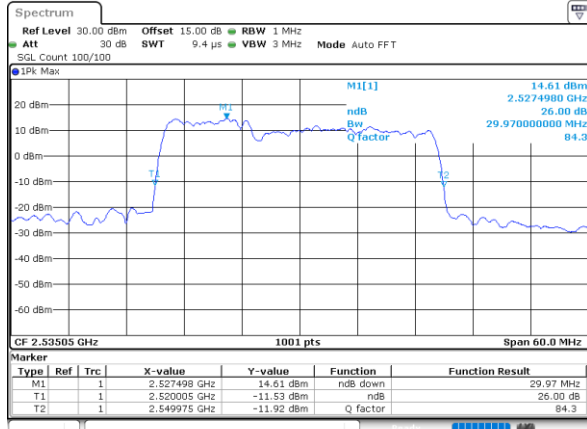
Date: 13-JUN-2025 18:43:21



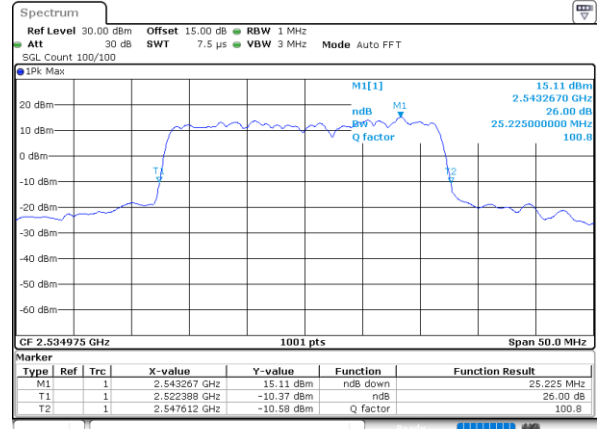
LTE Band 7C

16QAM

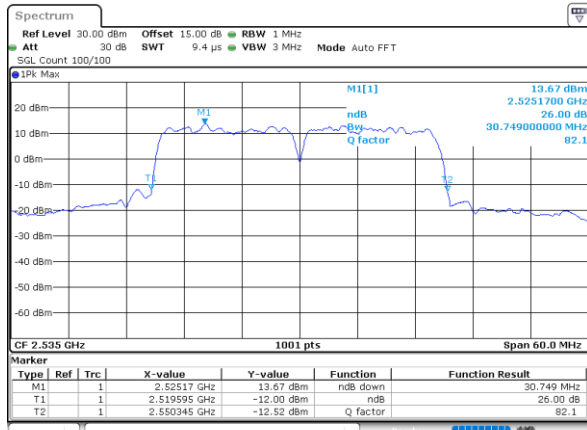
Middle Channel / 10MHz+20MHz



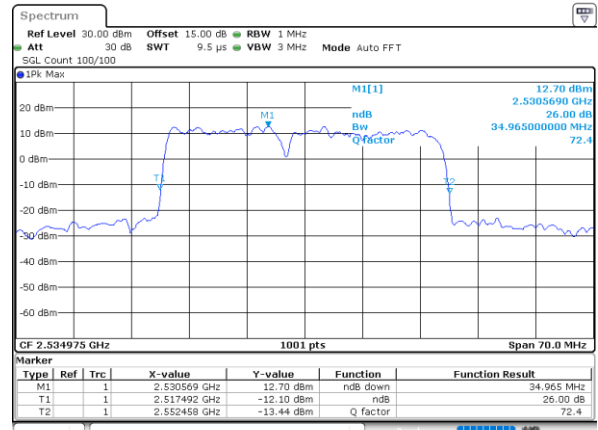
Middle Channel / 15MHz+10MHz



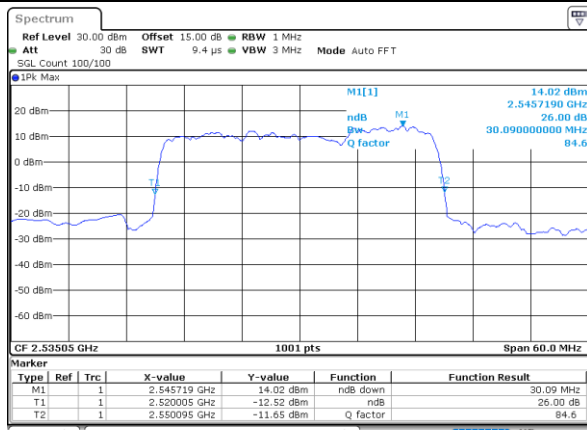
Middle Channel / 15MHz+15MHz



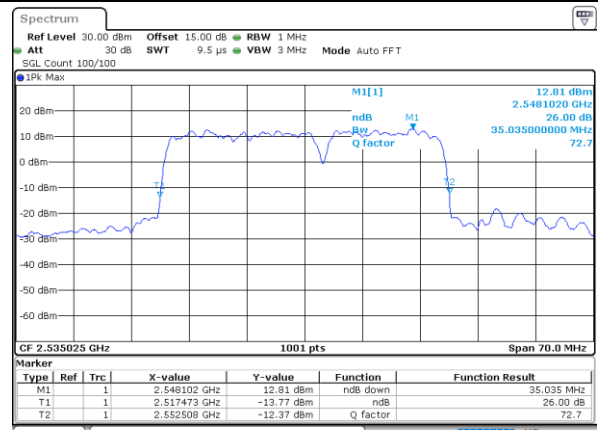
Middle Channel / 15MHz+20MHz

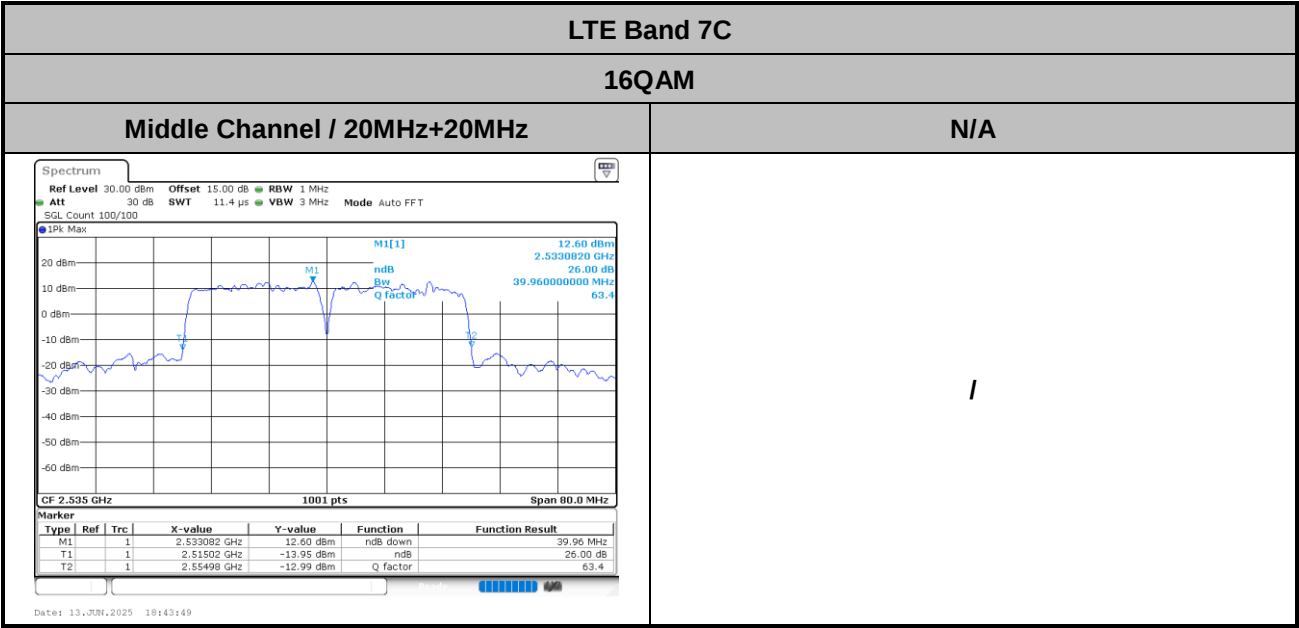


Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz





**Occupied Bandwidth**

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.81	23.33	28.65	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.80	37.56	/

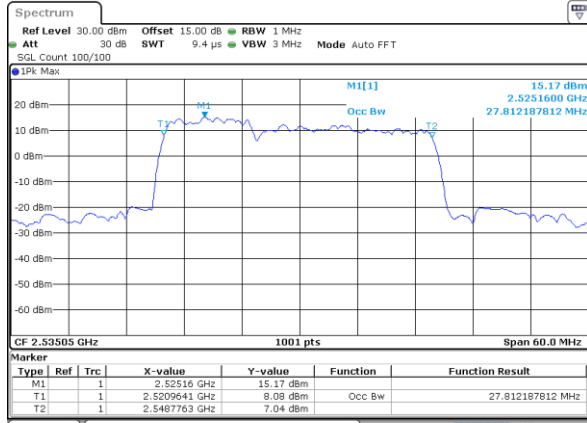
Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.17	23.33	28.59	32.94
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	32.94	37.80	/



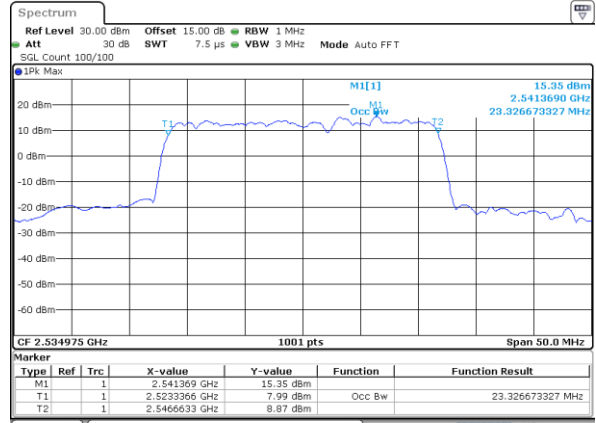
LTE Band 7C

QPSK

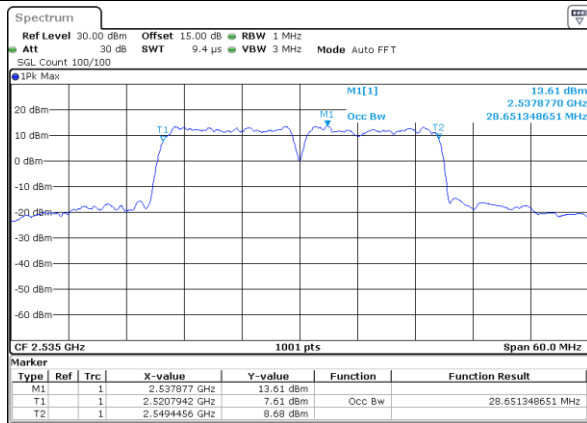
Middle Channel / 10MHz+20MHz



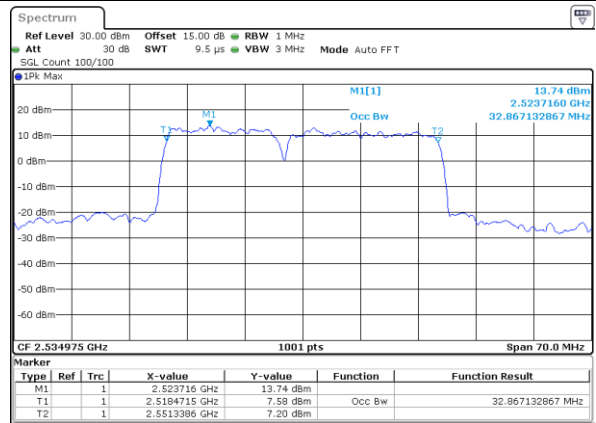
Middle Channel / 15MHz+10MHz



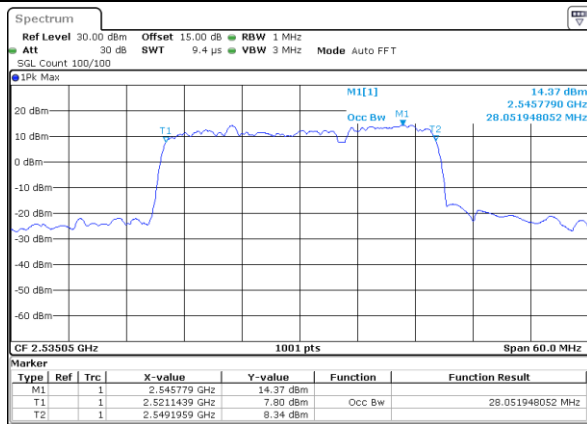
Middle Channel / 15MHz+15MHz



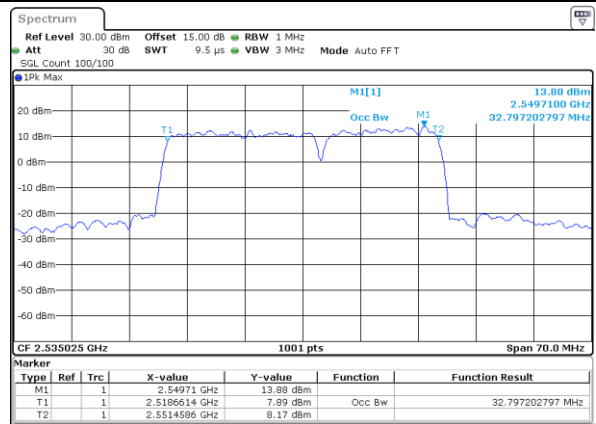
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz





LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

