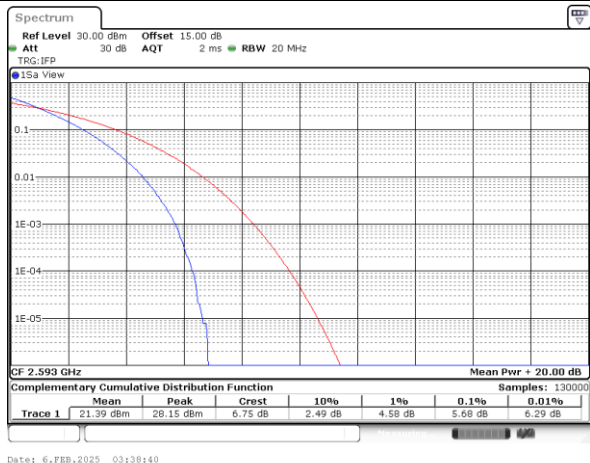




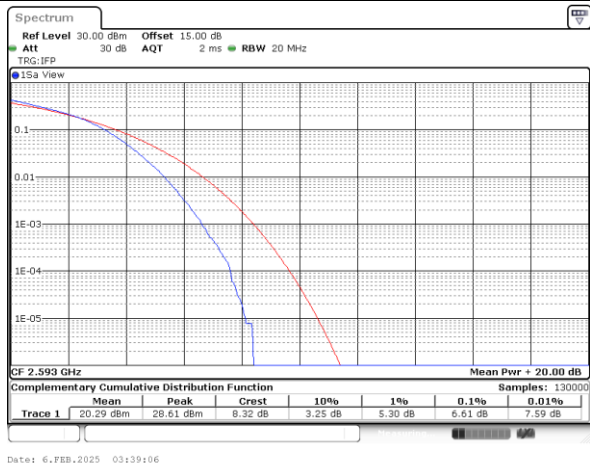
LTE Band 41 / 20MHz / QPSK

Middle Channel / Full RB



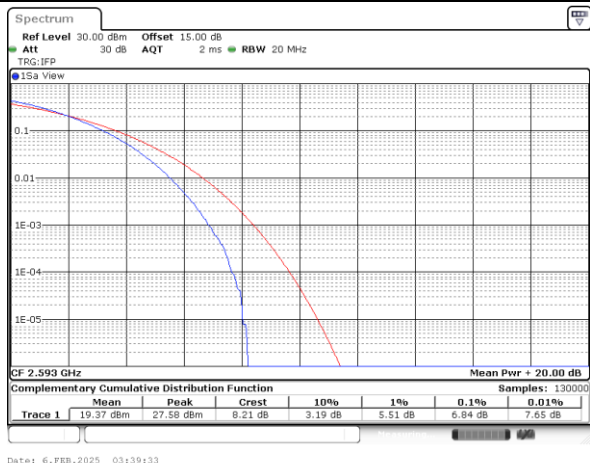
LTE Band 41 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB





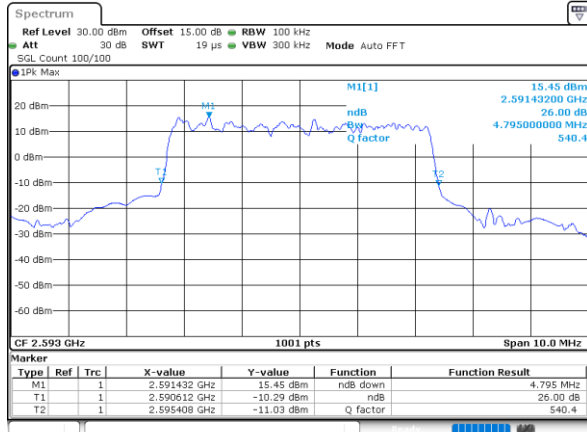
26dB Bandwidth

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	4.87	9.69	9.61	14.90	14.21	18.70	18.70

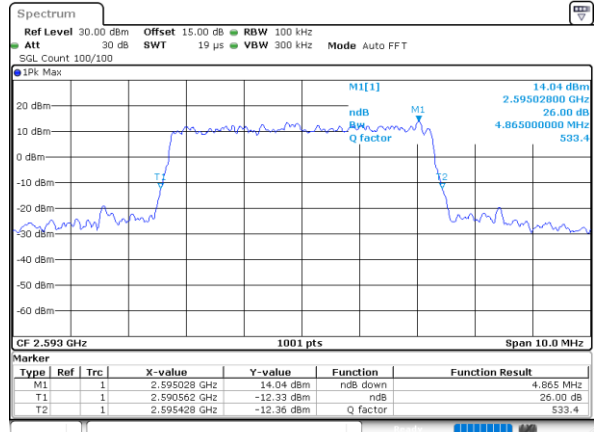


LTE Band 41

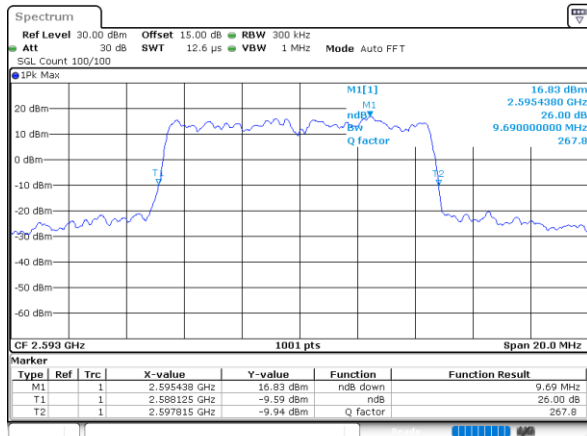
Middle Channel / 5MHz / QPSK



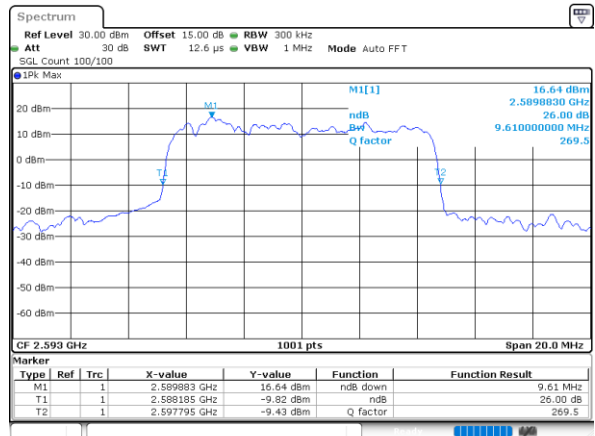
Middle Channel / 5MHz / 16QAM



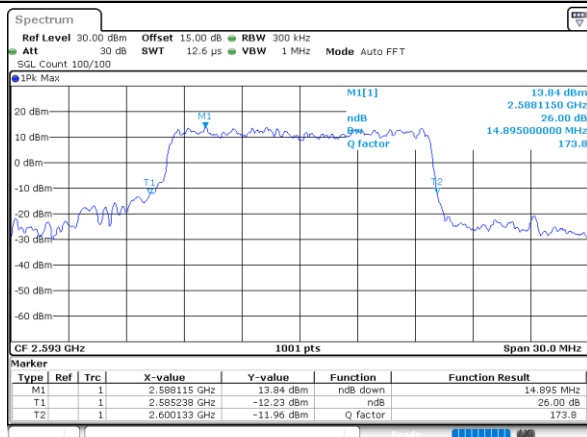
Middle Channel / 10MHz / QPSK



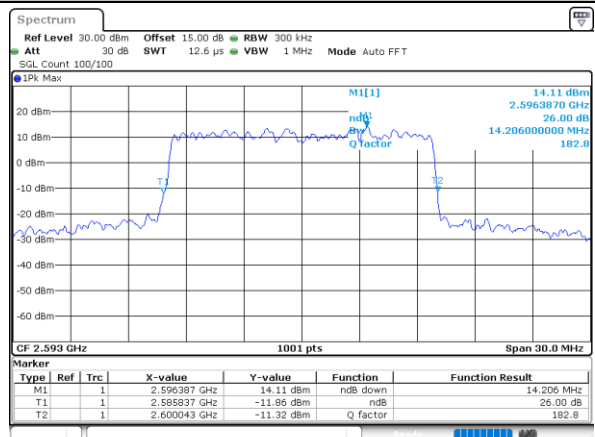
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



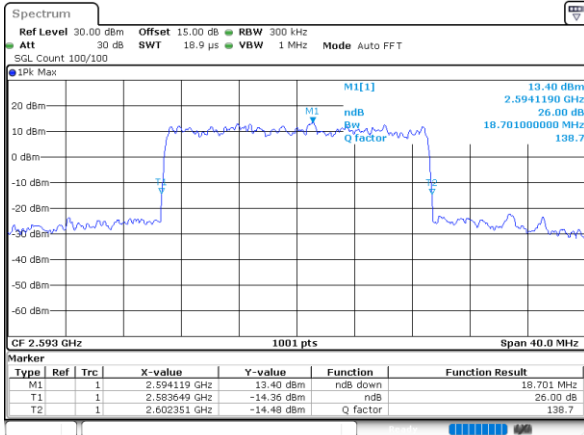
Middle Channel / 15MHz / 16QAM





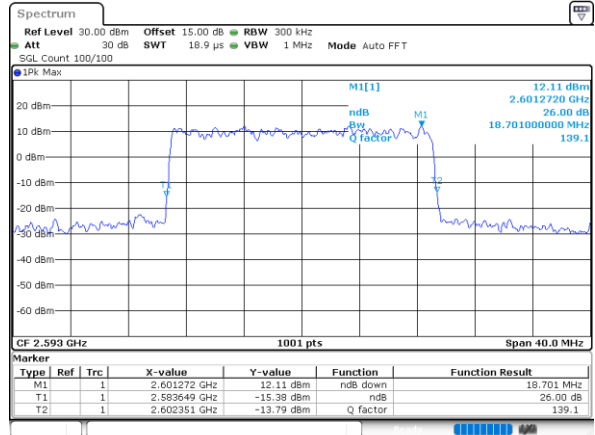
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 6.FEB.2025 03:37:14

Middle Channel / 20MHz / 16QAM



Date: 6.FEB.2025 03:38:13



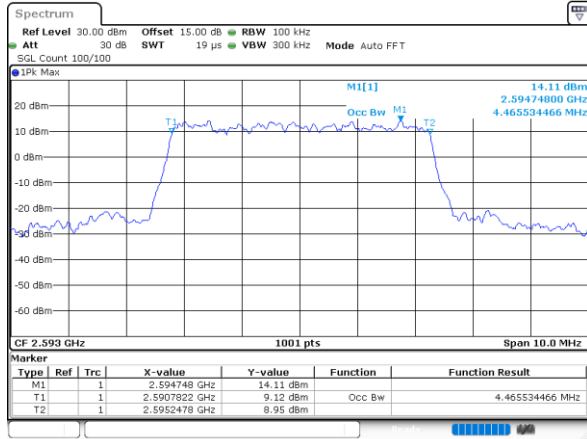
Occupied Bandwidth

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	-	-	-	-	4.47	4.49	9.09	8.99	13.43	13.46	17.86	17.82



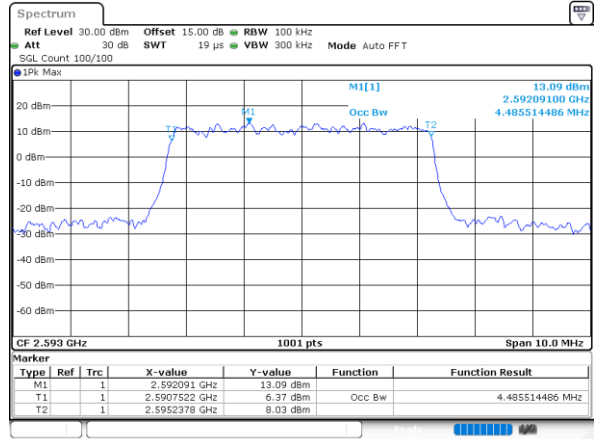
LTE Band 41

Middle Channel / 5MHz / QPSK



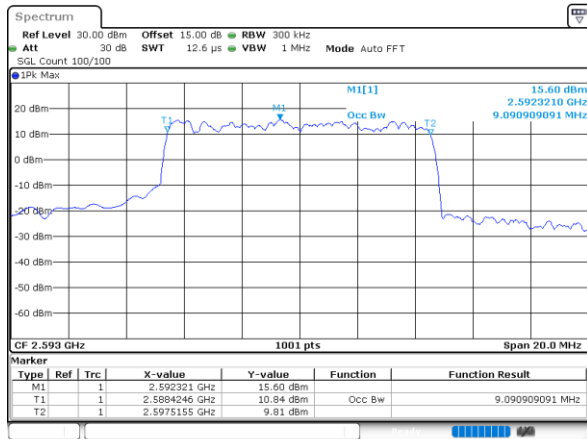
Date: 6.FEB.2025 02:40:33

Middle Channel / 5MHz / 16QAM



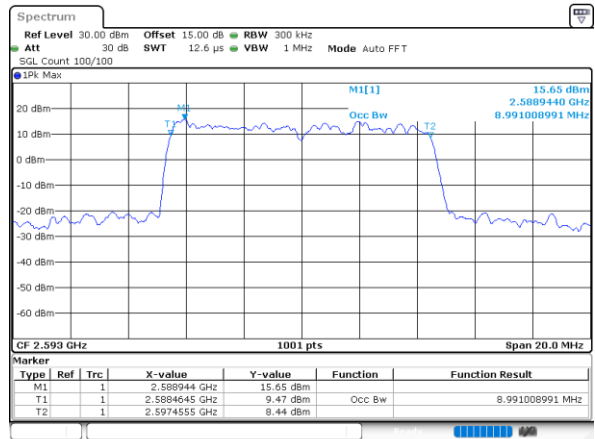
Date: 6.FEB.2025 02:41:12

Middle Channel / 10MHz / QPSK



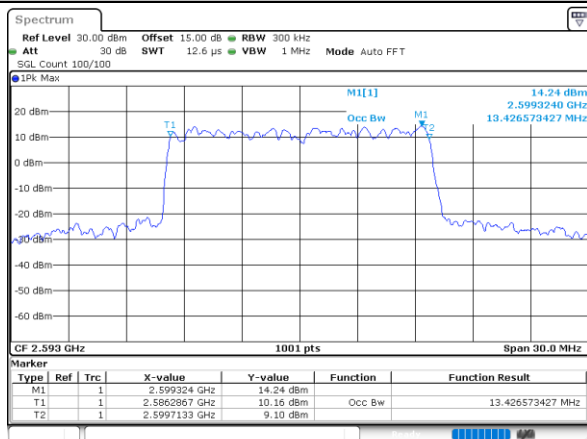
Date: 6.FEB.2025 02:50:29

Middle Channel / 10MHz / 16QAM



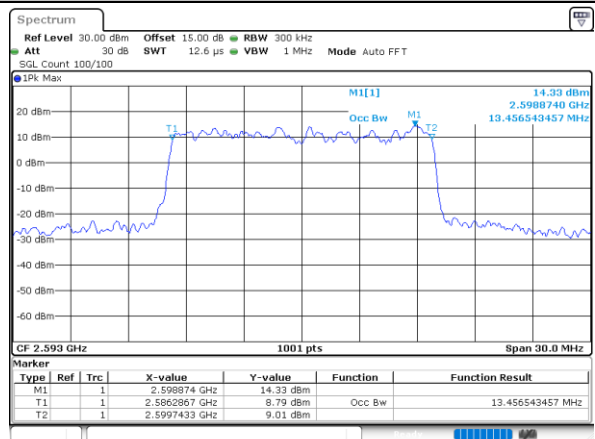
Date: 6.FEB.2025 03:00:08

Middle Channel / 15MHz / QPSK



Date: 6.FEB.2025 03:18:24

Middle Channel / 15MHz / 16QAM

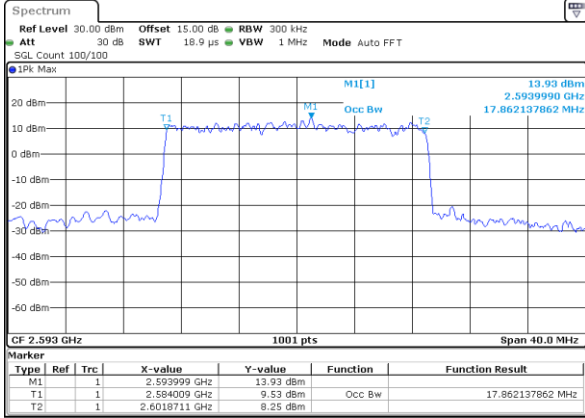


Date: 6.FEB.2025 03:19:04



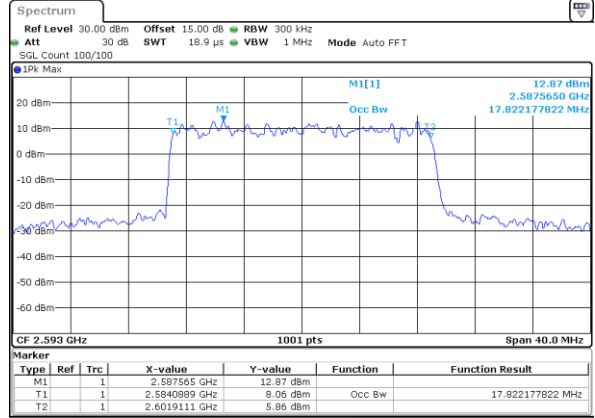
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 6.FEB.2025 03:37:20

Middle Channel / 20MHz / 16QAM



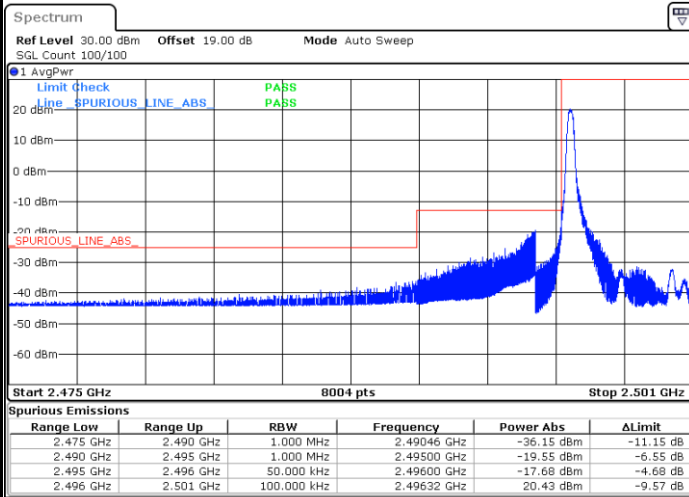
Date: 6.FEB.2025 03:37:59



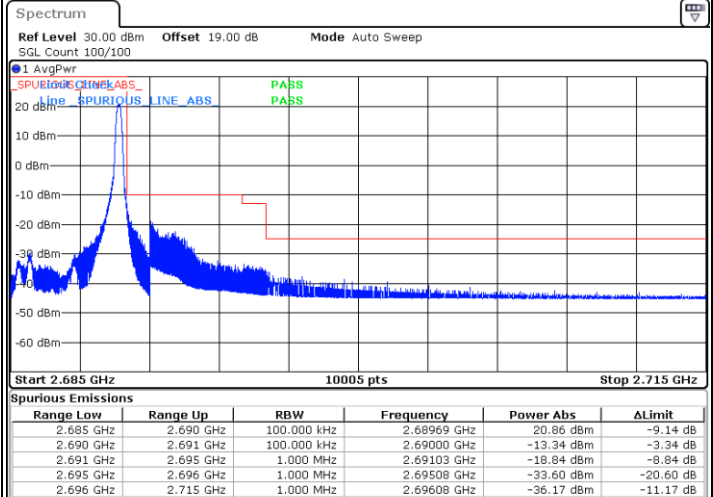
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

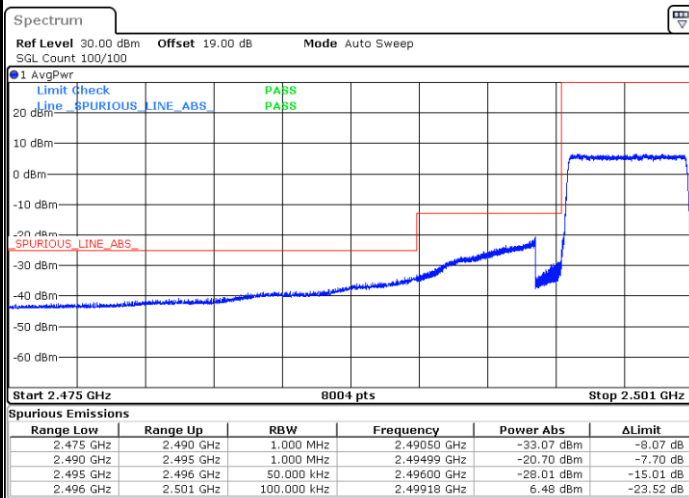
Lowest Band Edge / 1 RB



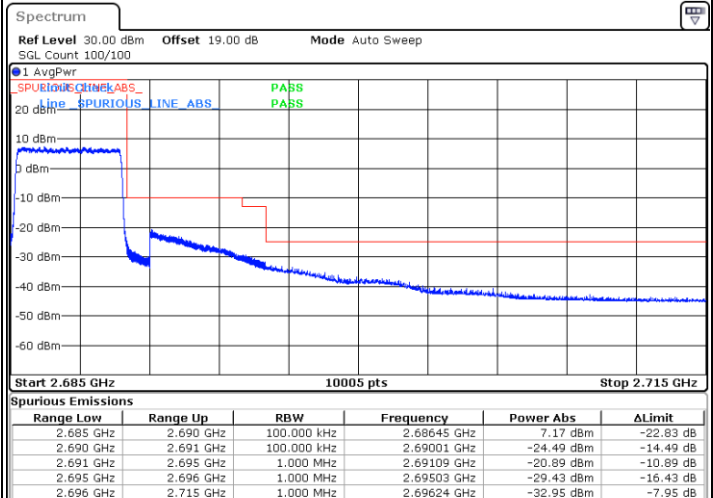
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



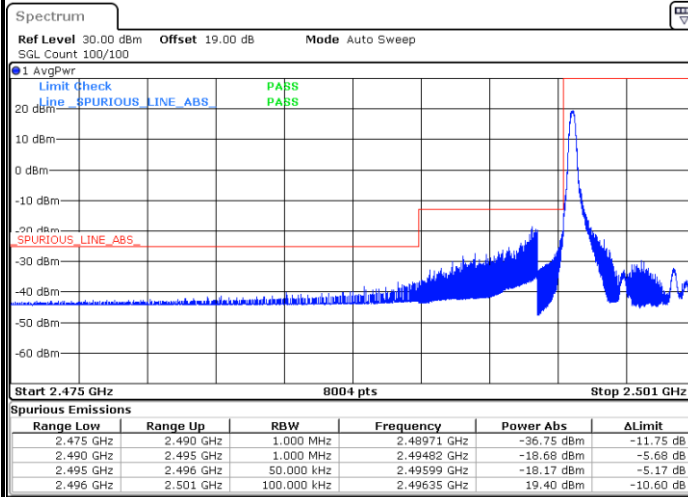
Highest Band Edge / Full RB





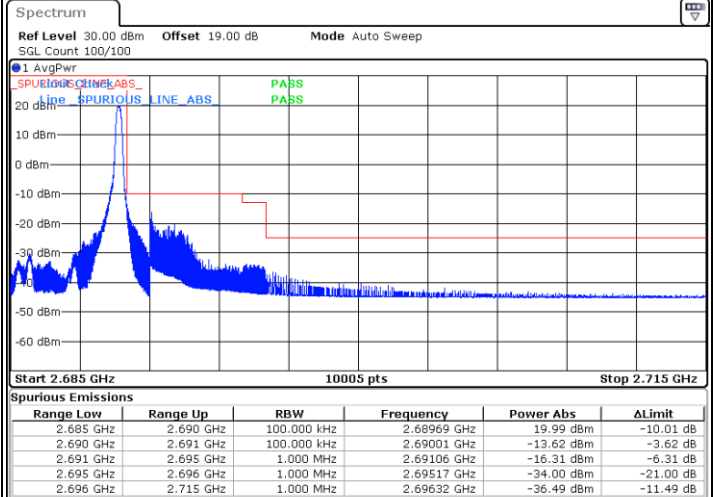
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



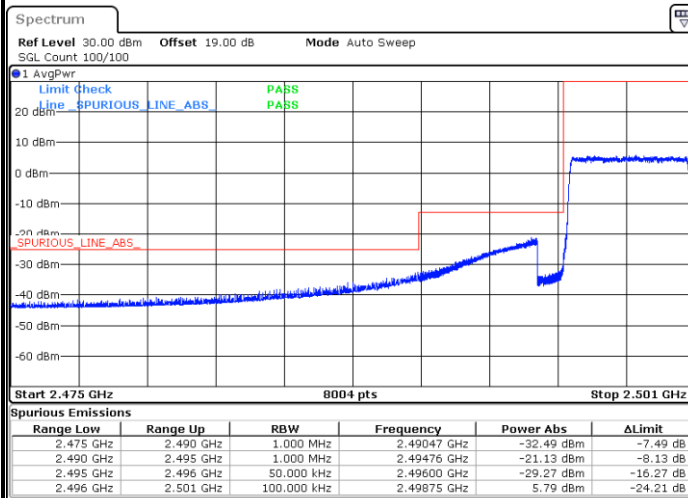
Date: 6.FEB.2025 02:33:13

Highest Band Edge / 1 RB



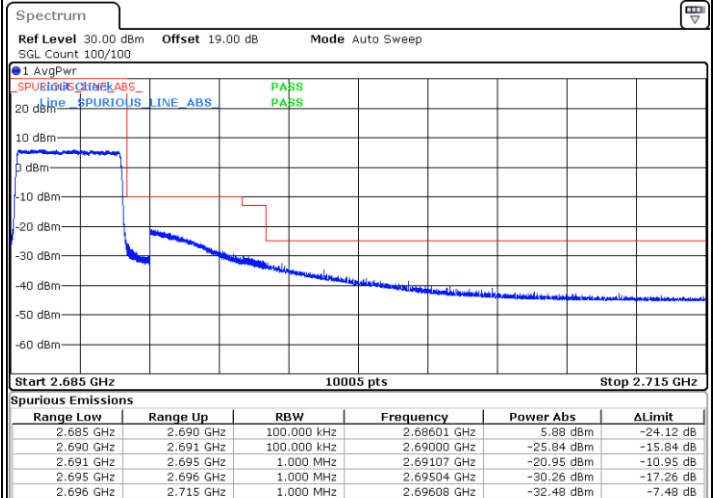
Date: 6.FEB.2025 02:43:37

Lowest Band Edge / Full RB



Date: 6.FEB.2025 02:36:31

Highest Band Edge / Full RB

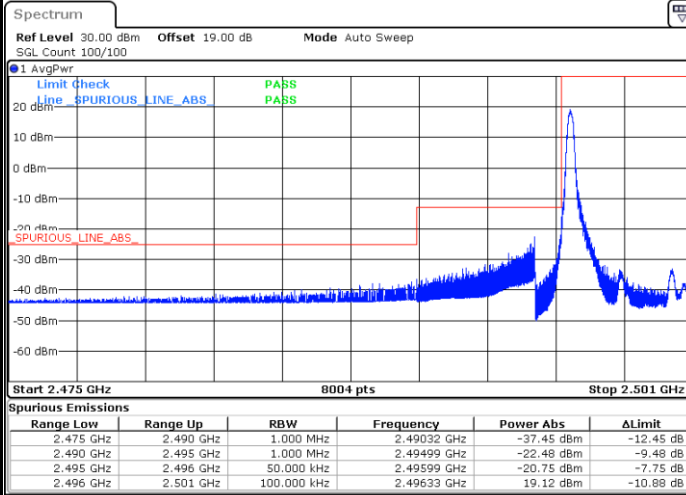


Date: 6.FEB.2025 02:46:54



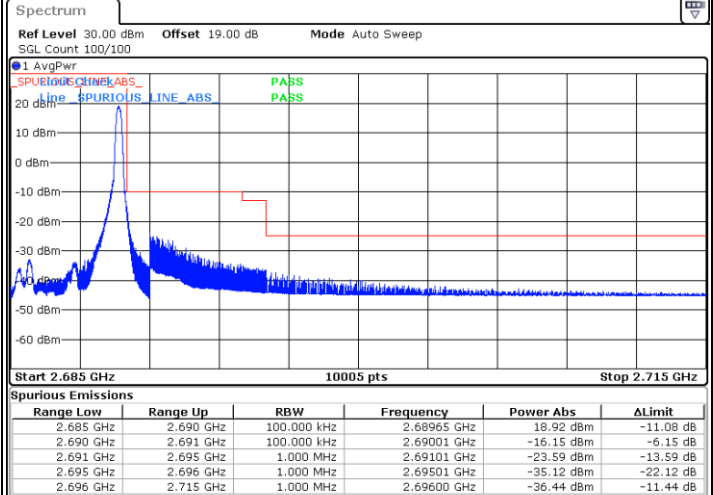
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



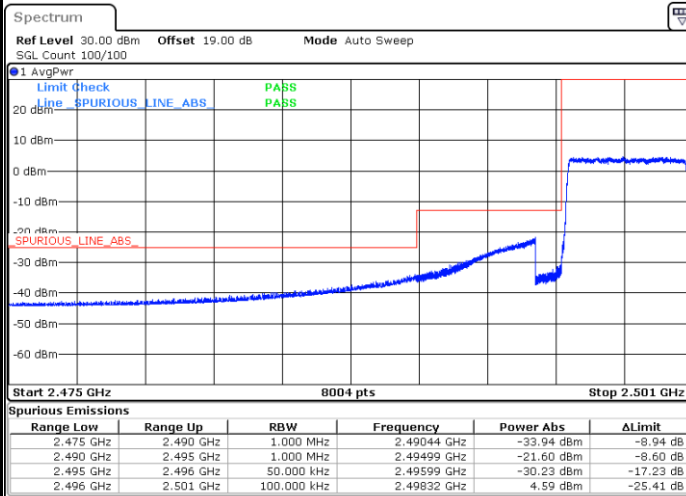
Date: 6.FEB.2025 02:34:19

Highest Band Edge / 1 RB



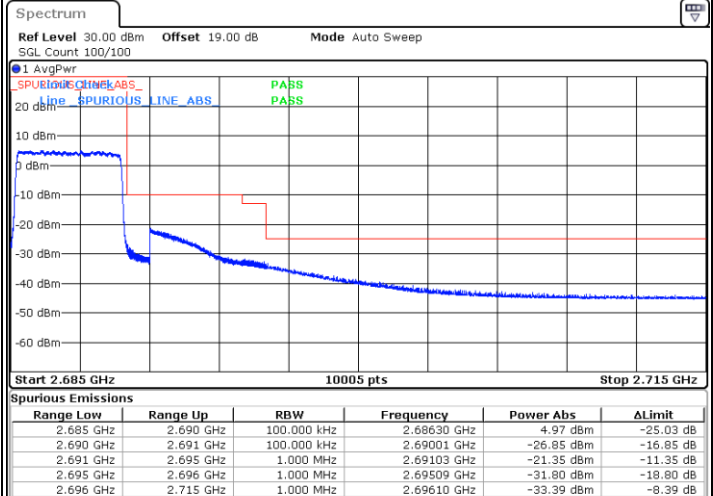
Date: 6.FEB.2025 02:44:42

Lowest Band Edge / Full RB



Date: 6.FEB.2025 02:35:25

Highest Band Edge / Full RB

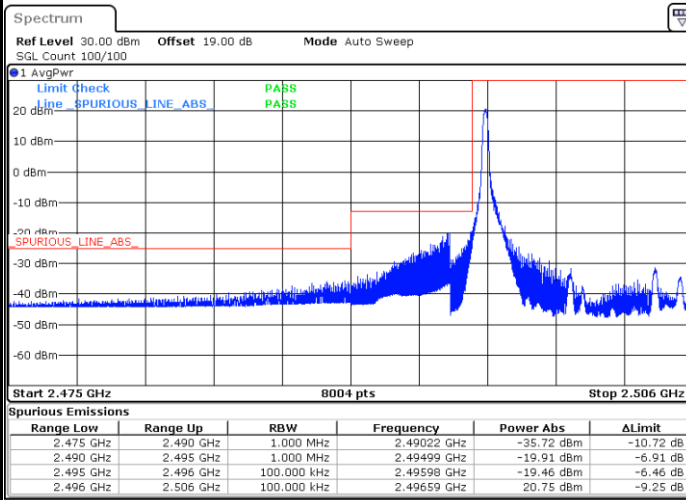


Date: 6.FEB.2025 02:45:48

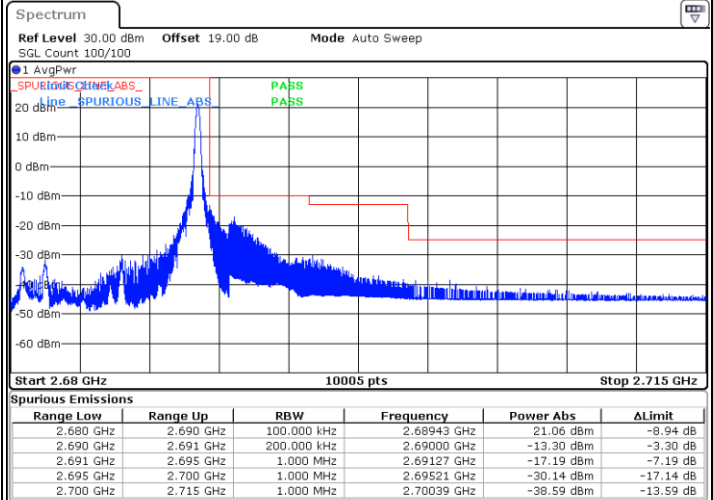


LTE Band 41 / 10MHz / QPSK

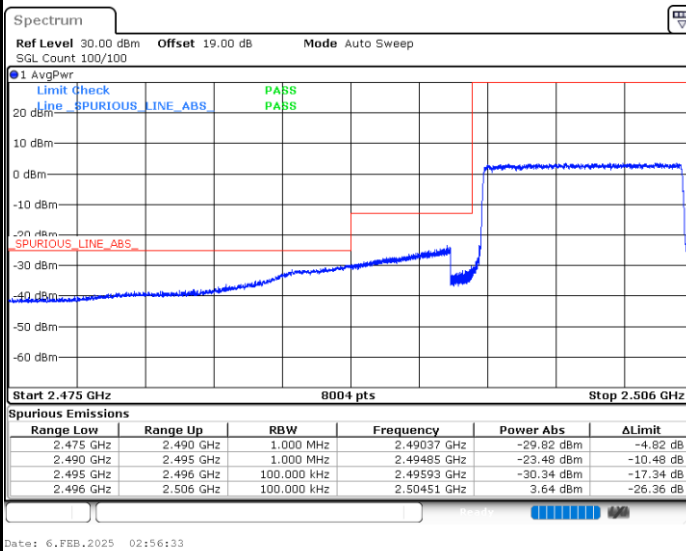
Lowest Band Edge / 1 RB



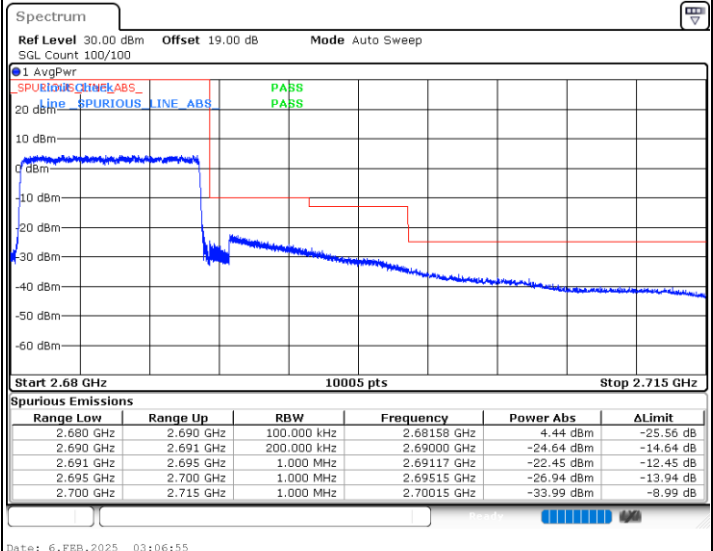
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



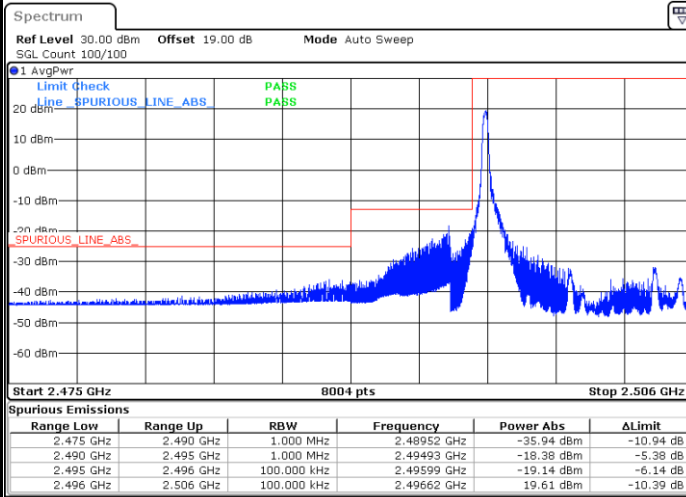
Highest Band Edge / Full RB





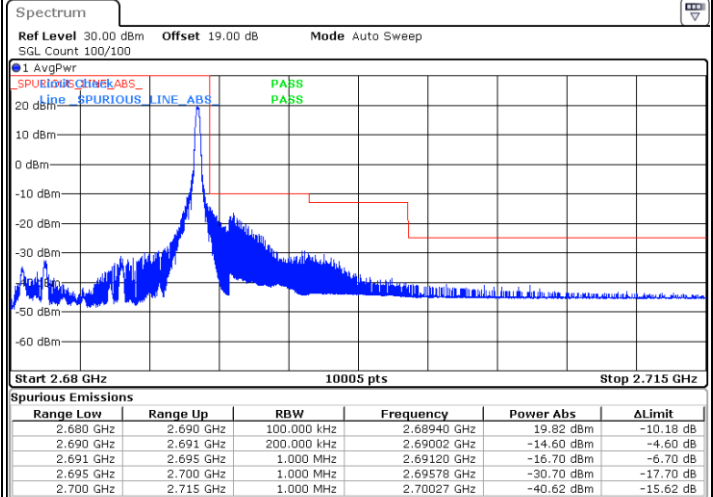
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



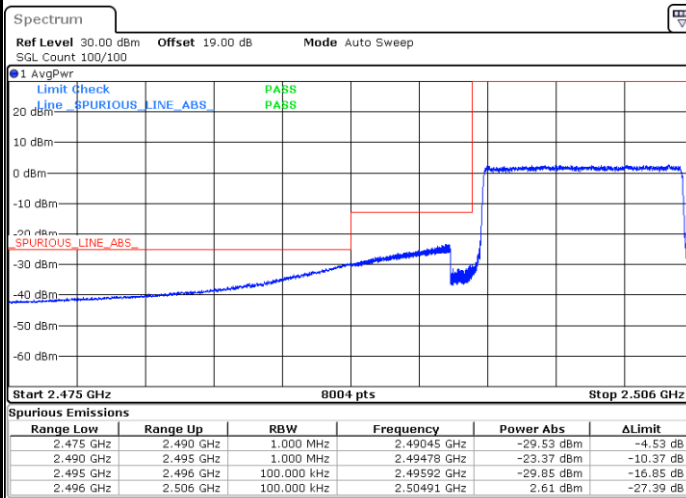
Date: 6.FEB.2025 02:52:09

Highest Band Edge / 1 RB



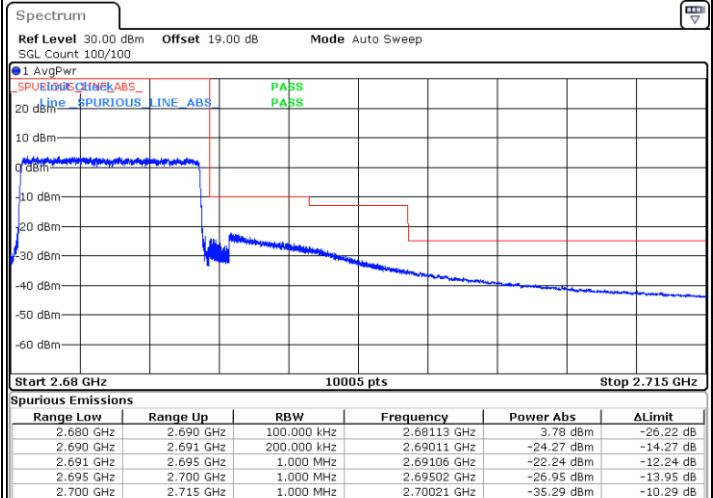
Date: 12.FEB.2025 13:27:44

Lowest Band Edge / Full RB



Date: 6.FEB.2025 02:55:27

Highest Band Edge / Full RB

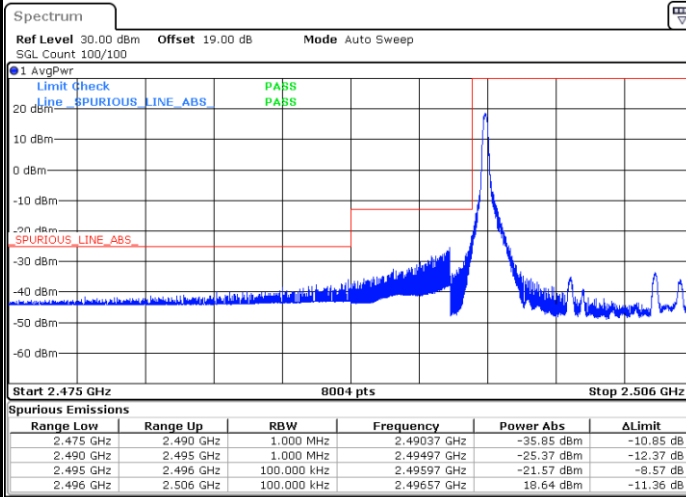


Date: 6.FEB.2025 03:05:50



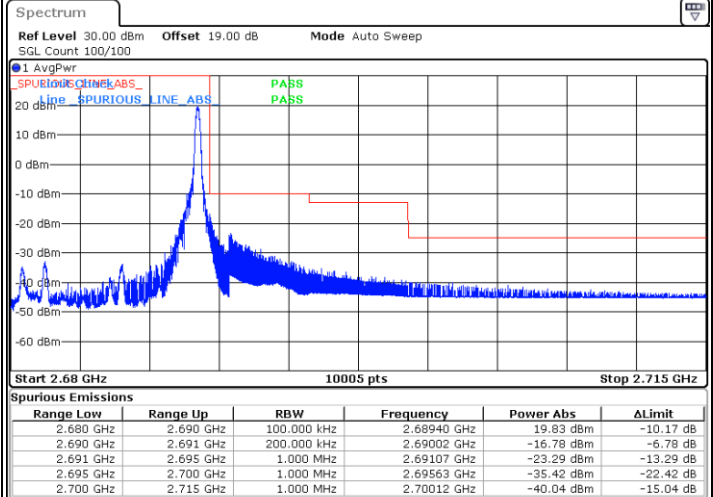
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



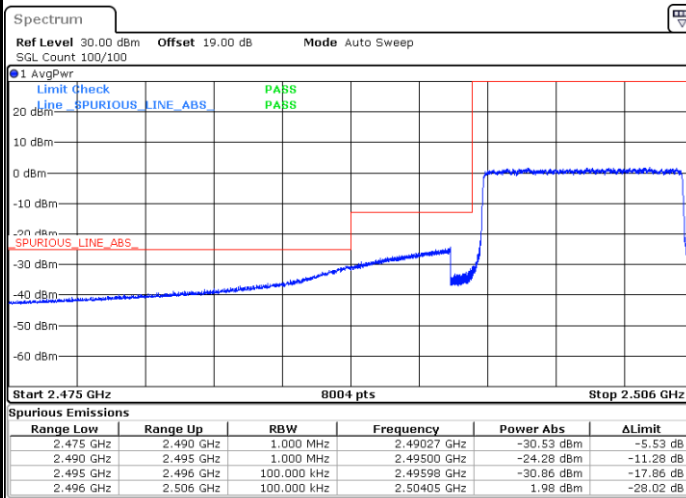
Date: 6.FEB.2025 02:53:15

Highest Band Edge / 1 RB



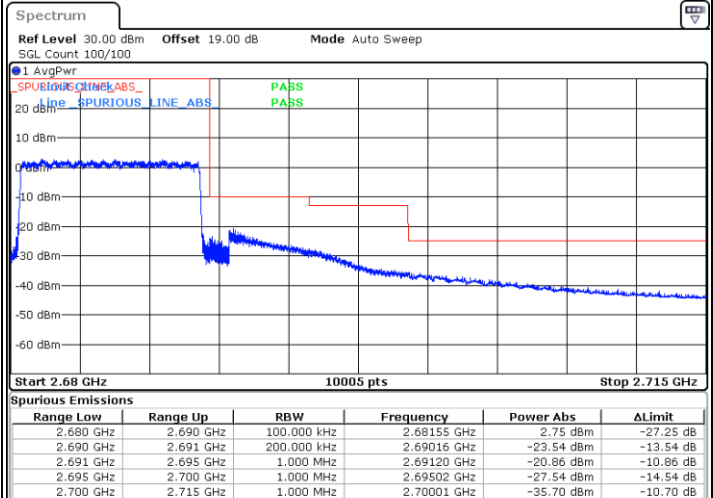
Date: 6.FEB.2025 03:03:38

Lowest Band Edge / Full RB



Date: 6.FEB.2025 02:54:21

Highest Band Edge / Full RB

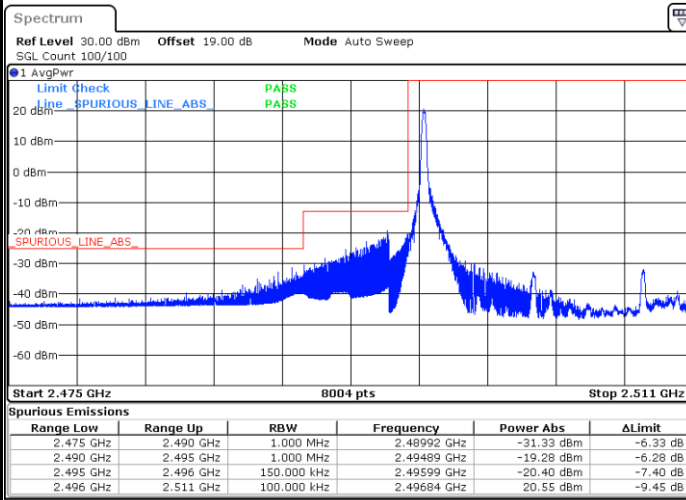


Date: 6.FEB.2025 03:04:44

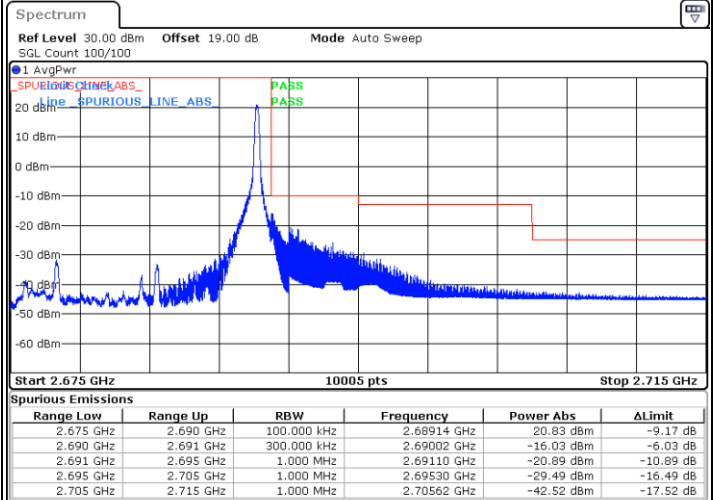


LTE Band 41 / 15MHz / QPSK

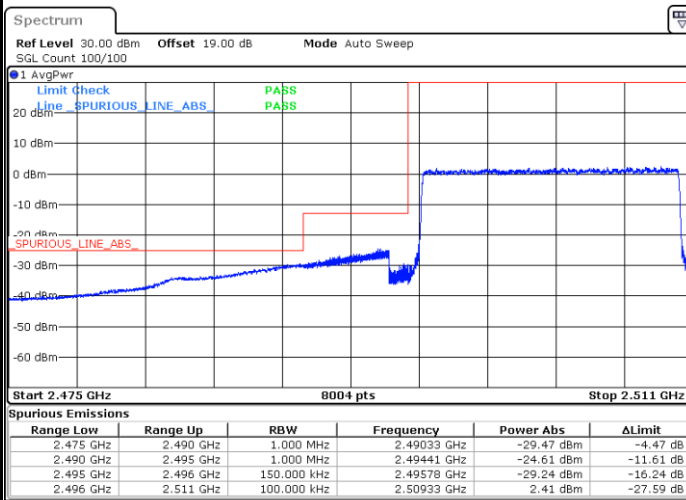
Lowest Band Edge / 1 RB



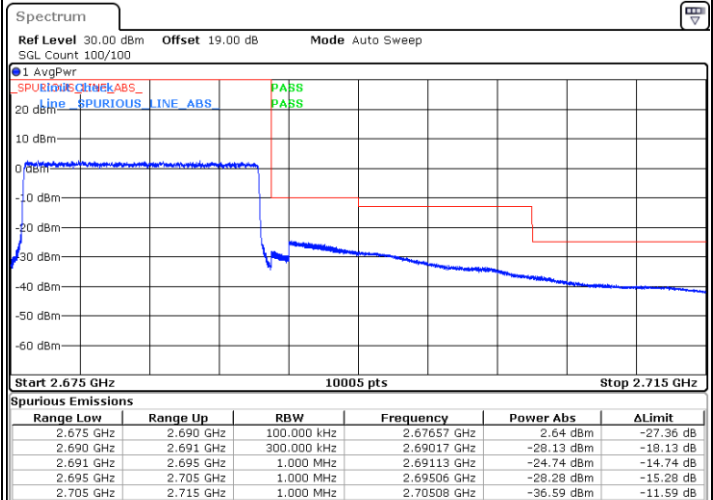
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



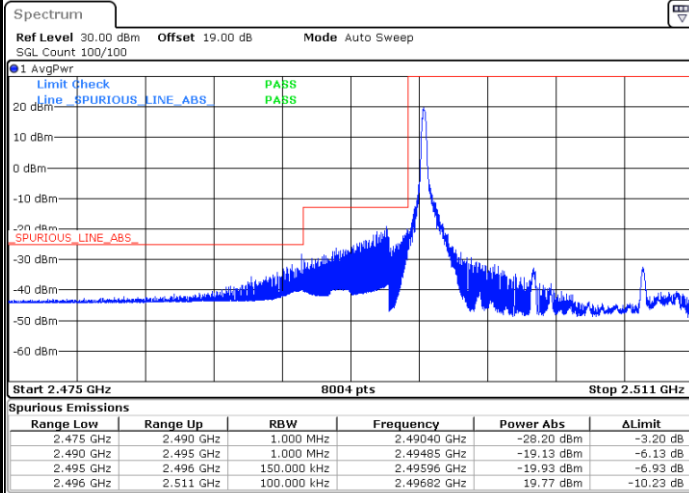
Highest Band Edge / Full RB





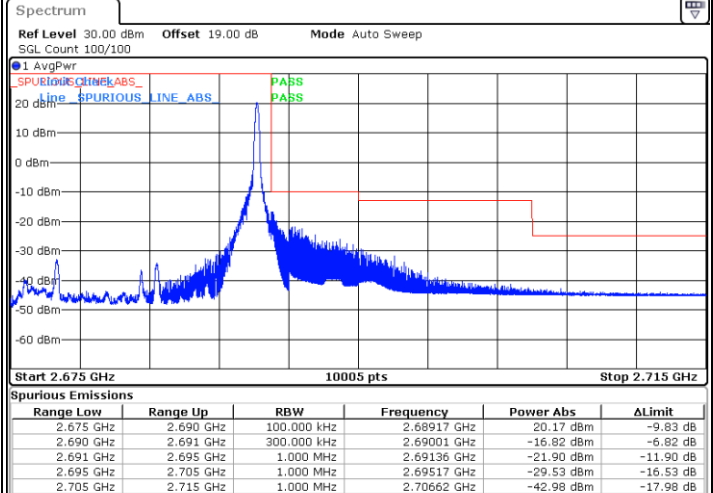
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



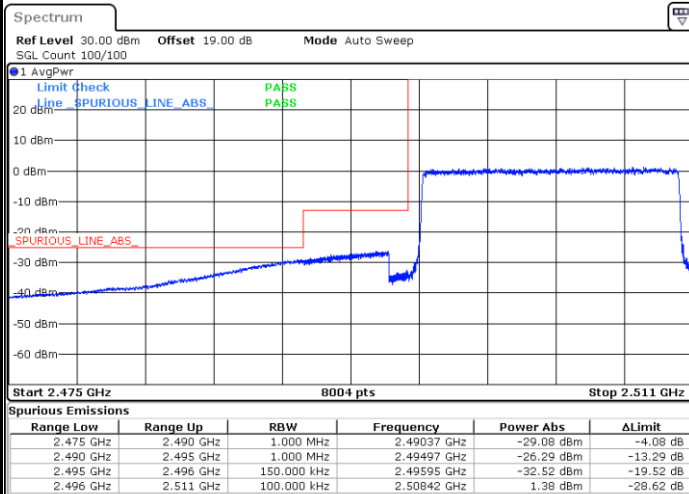
Date: 6.FEB.2025 03:11:05

Highest Band Edge / 1 RB



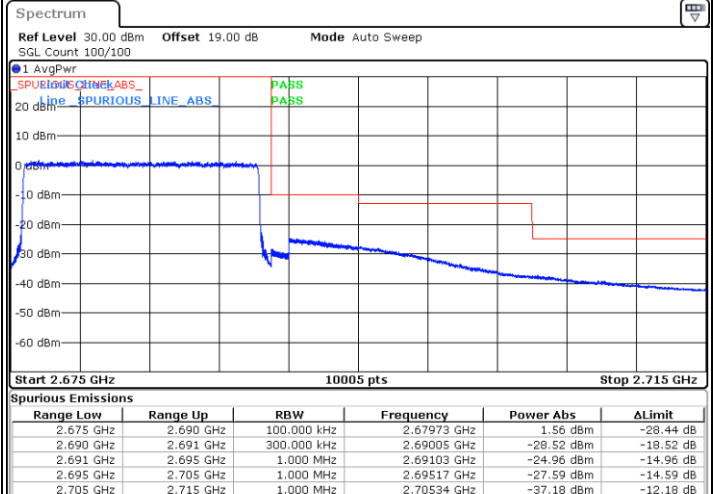
Date: 6.FEB.2025 03:21:28

Lowest Band Edge / Full RB



Date: 6.FEB.2025 03:14:23

Highest Band Edge / Full RB

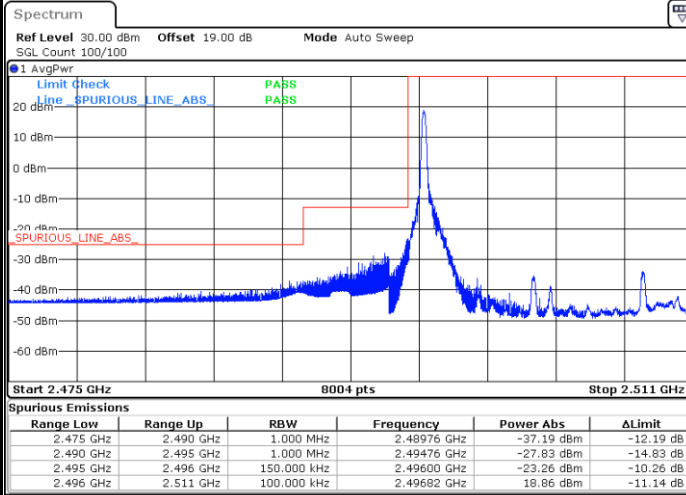


Date: 6.FEB.2025 03:24:45



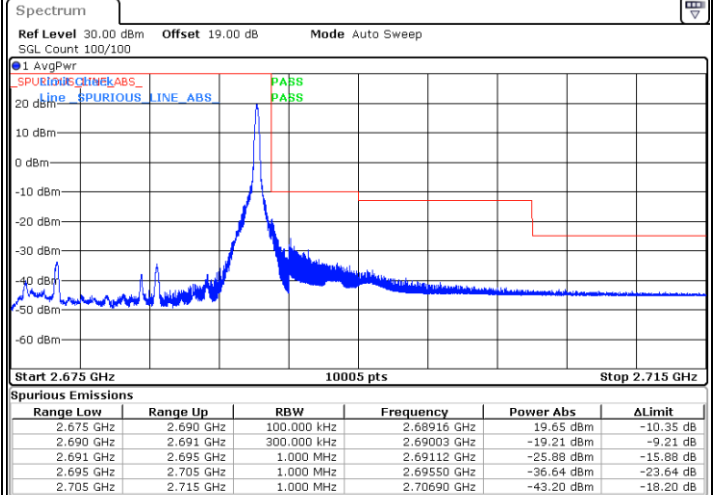
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



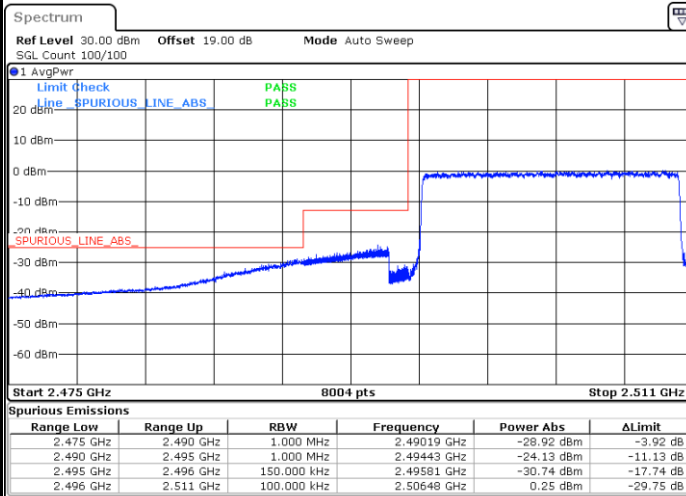
Date: 6.FEB.2025 03:12:11

Highest Band Edge / 1 RB



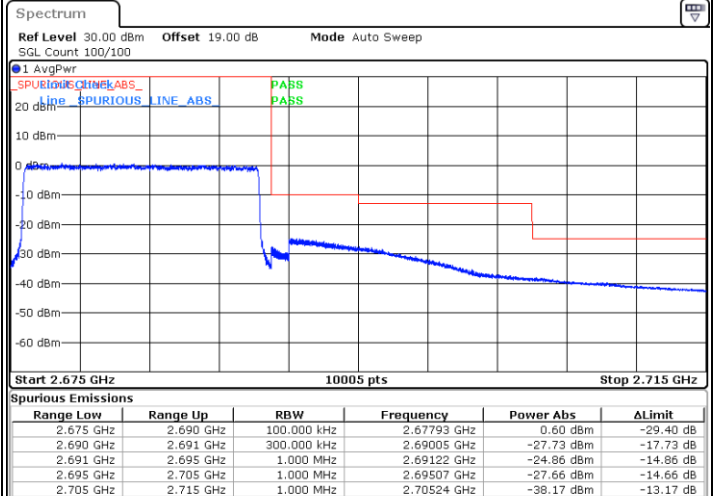
Date: 6.FEB.2025 03:22:34

Lowest Band Edge / Full RB



Date: 6.FEB.2025 03:13:17

Highest Band Edge / Full RB

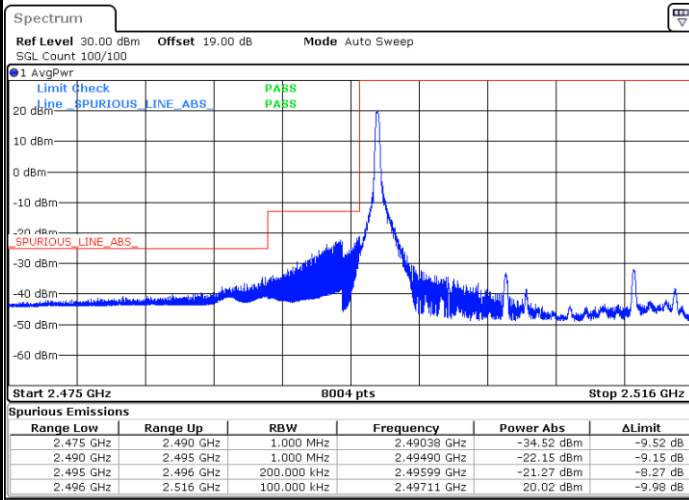


Date: 6.FEB.2025 03:23:40

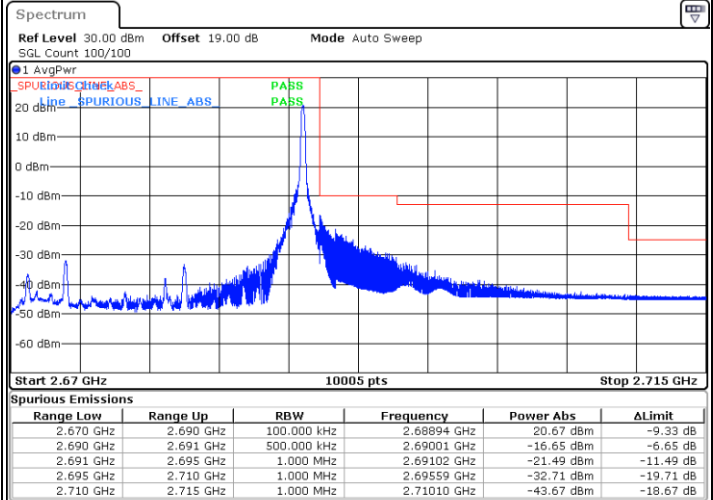


LTE Band 41 / 20MHz / QPSK

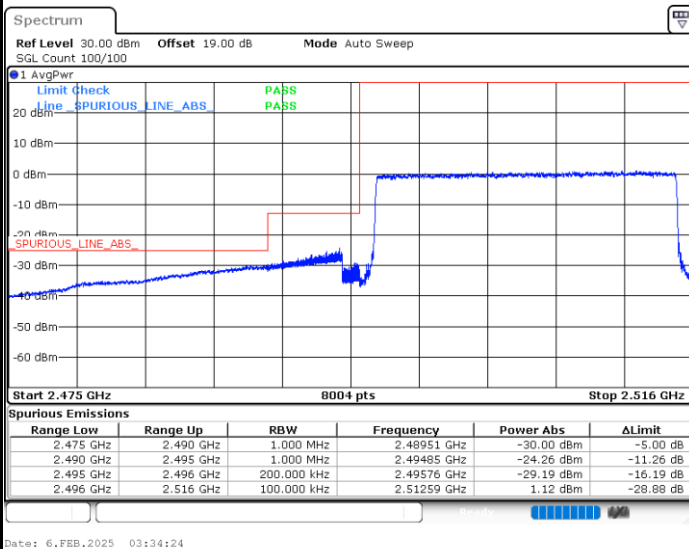
Lowest Band Edge / 1 RB



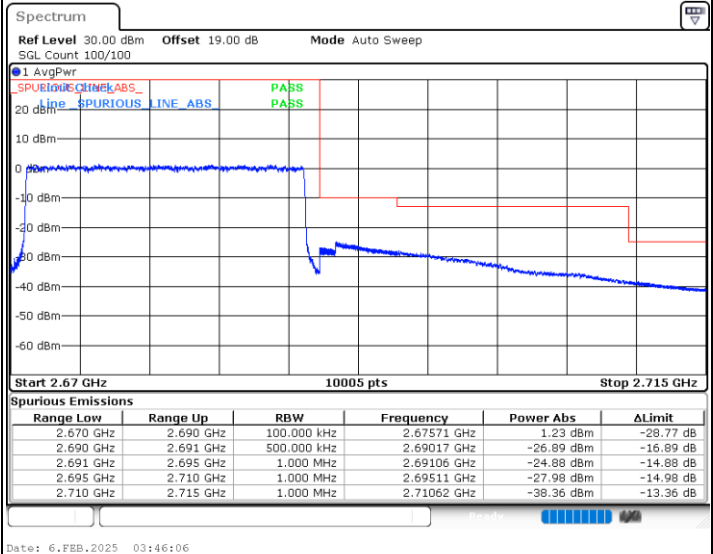
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



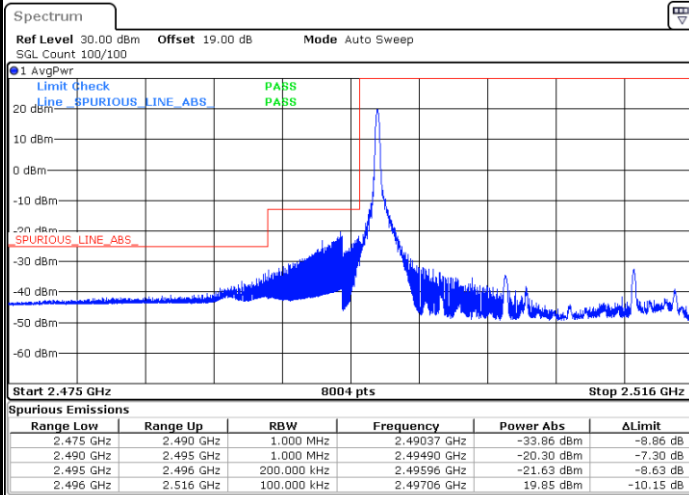
Highest Band Edge / Full RB





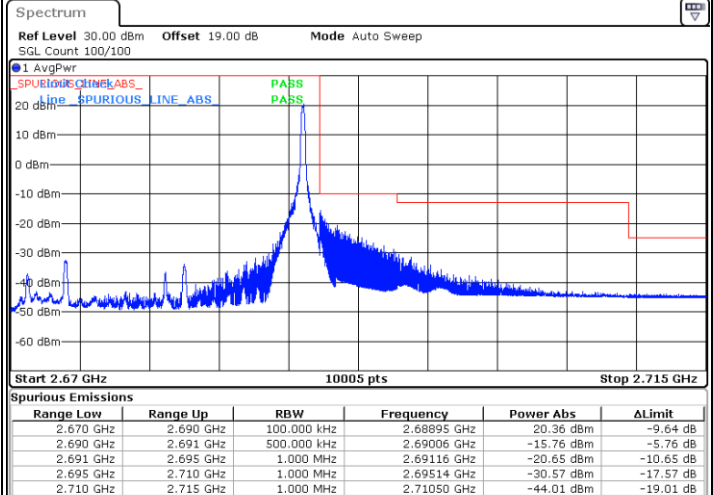
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



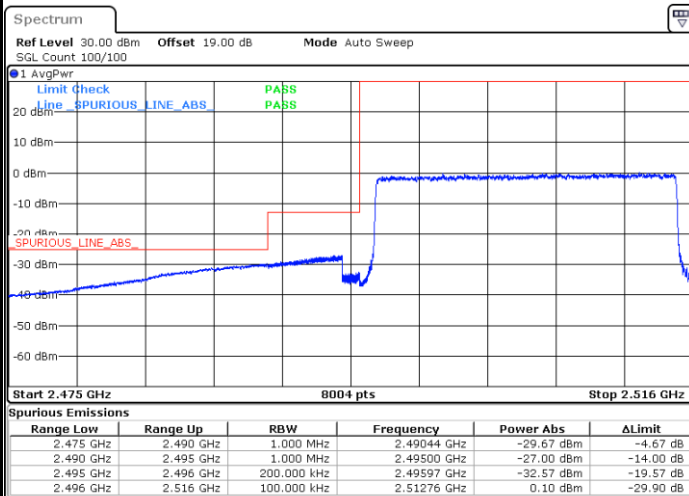
Date: 6.FEB.2025 03:30:01

Highest Band Edge / 1 RB



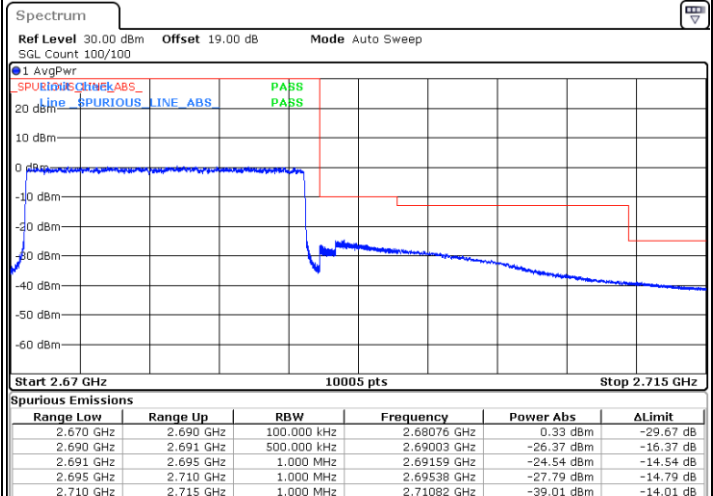
Date: 6.FEB.2025 03:41:44

Lowest Band Edge / Full RB



Date: 6.FEB.2025 03:33:18

Highest Band Edge / Full RB

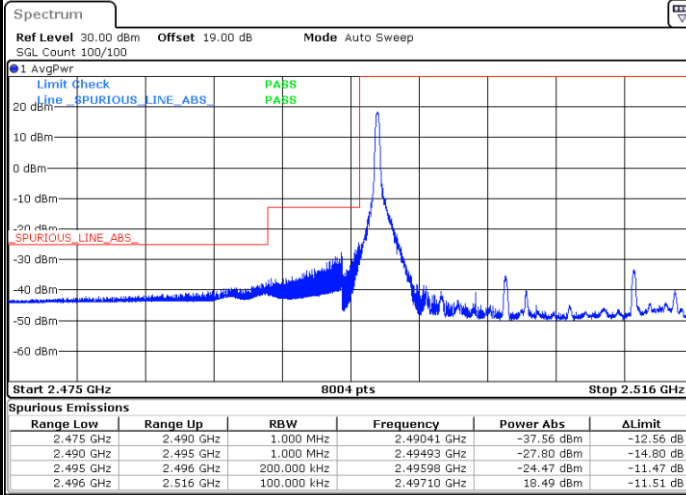


Date: 6.FEB.2025 03:45:01



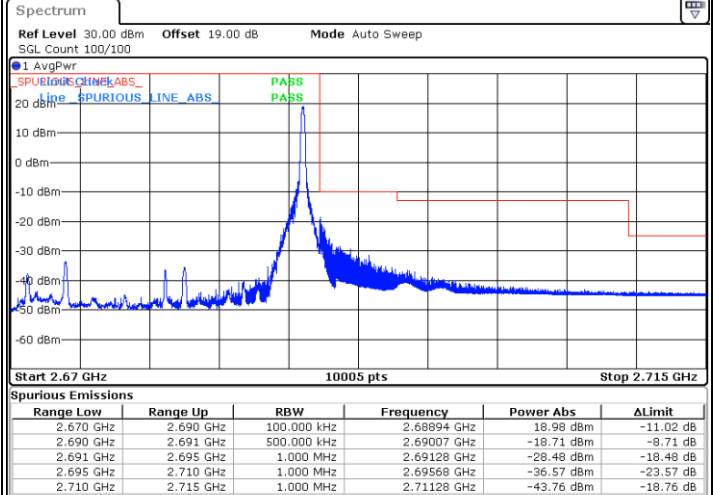
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



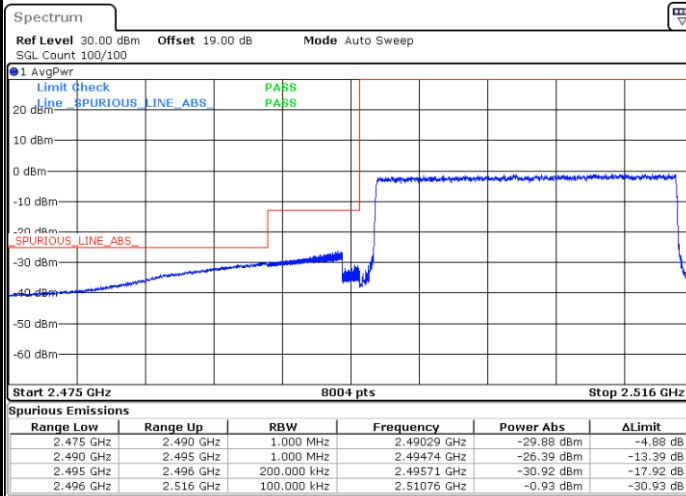
Date: 6.FEB.2025 03:31:07

Highest Band Edge / 1 RB



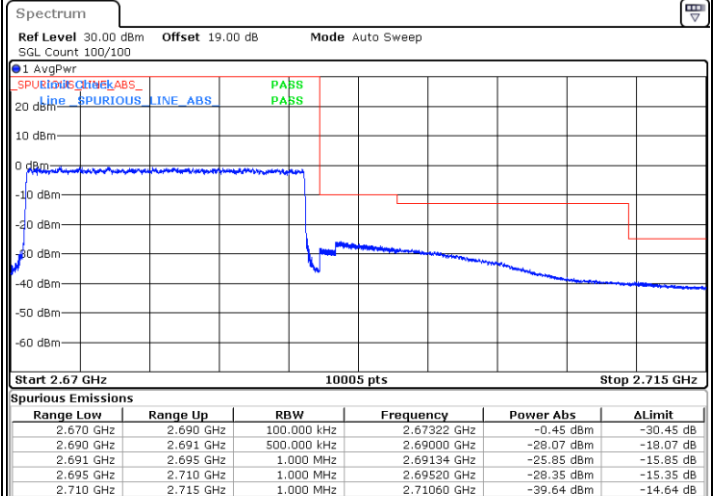
Date: 6.FEB.2025 03:42:49

Lowest Band Edge / Full RB



Date: 6.FEB.2025 03:32:12

Highest Band Edge / Full RB



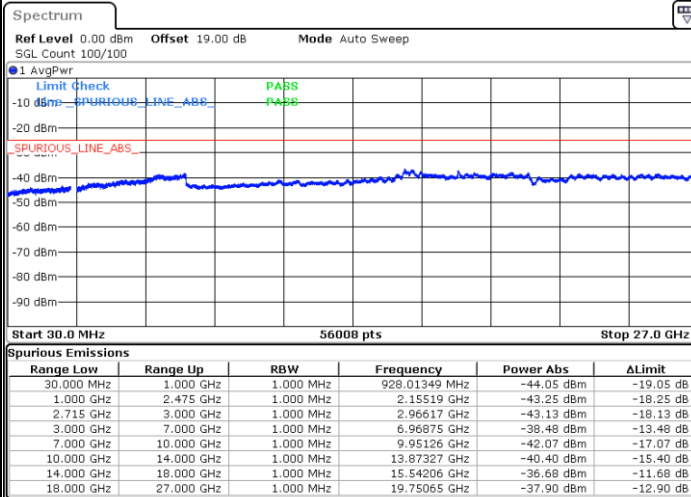
Date: 6.FEB.2025 03:43:55



Conducted Spurious Emission

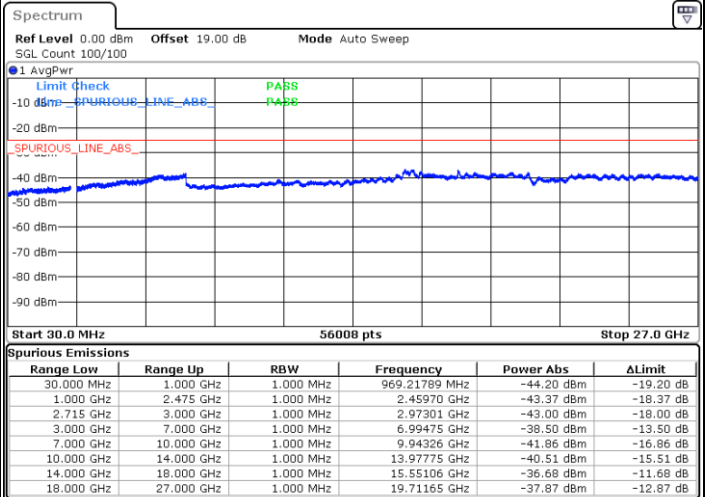
LTE Band 41 / 5MHz

Lowest Channel / QPSK



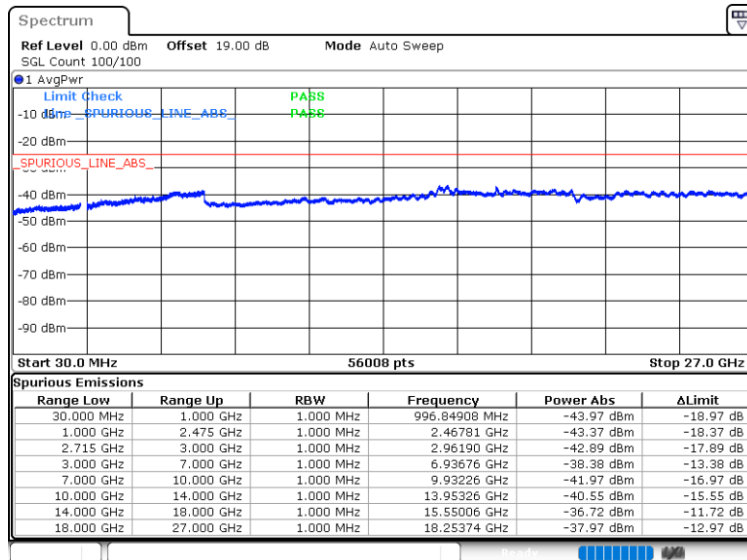
Date: 6.FEB.2025 02:38:52

Middle Channel / QPSK



Date: 6.FEB.2025 02:40:07

Highest Channel / QPSK

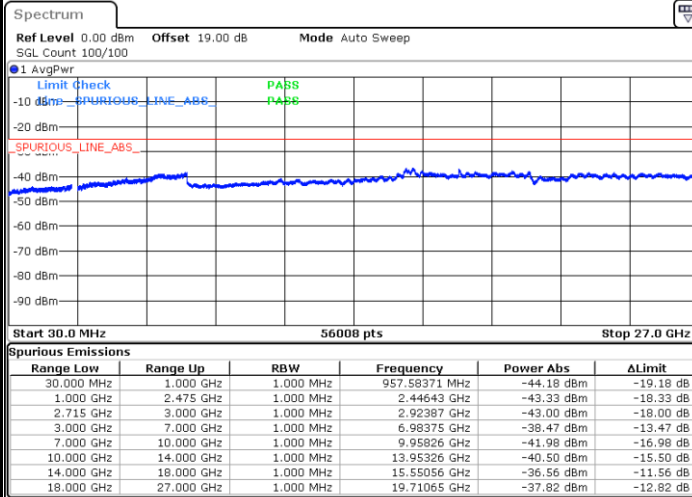


Date: 6.FEB.2025 02:49:14



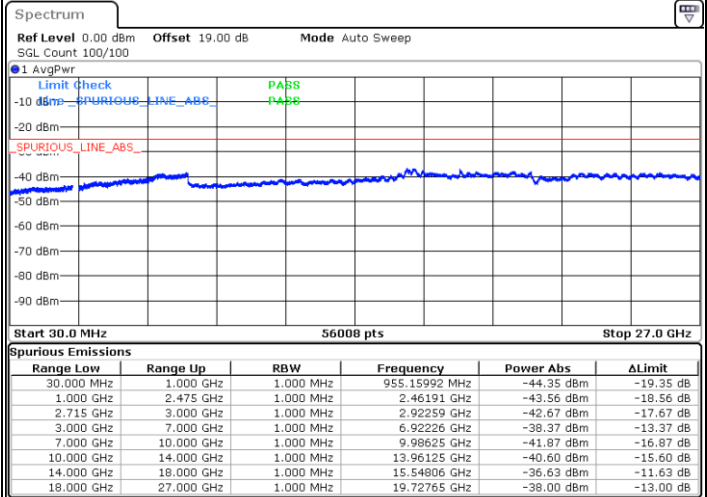
LTE Band 41 / 10MHz

Lowest Channel / QPSK



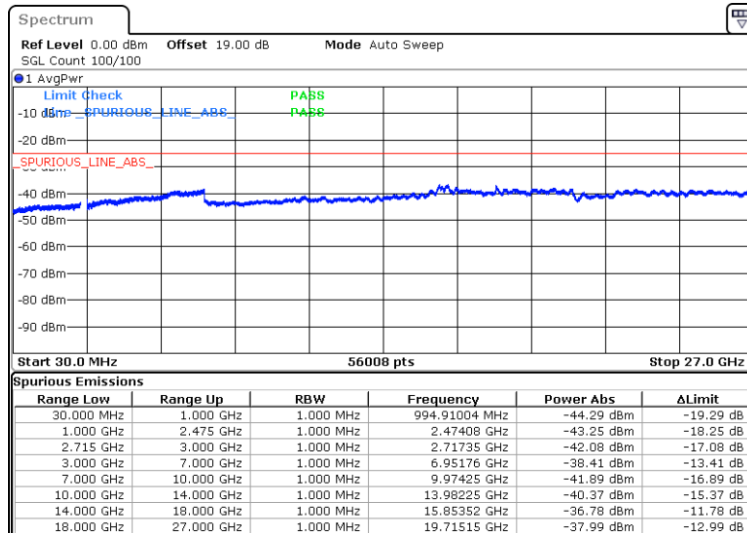
Date: 6.FEB.2025 02:57:48

Middle Channel / QPSK



Date: 6.FEB.2025 02:59:03

Highest Channel / QPSK

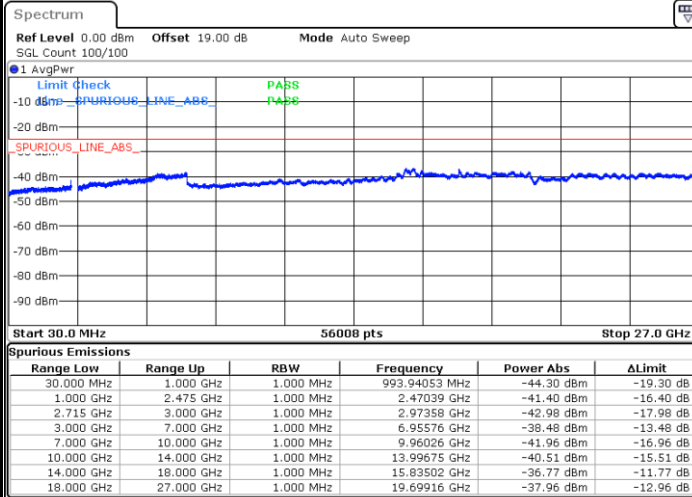


Date: 6.FEB.2025 03:08:10



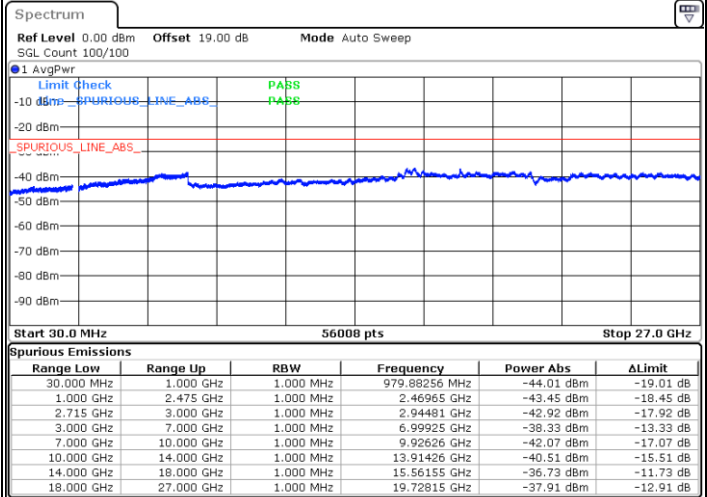
LTE Band 41 / 15MHz

Lowest Channel / QPSK



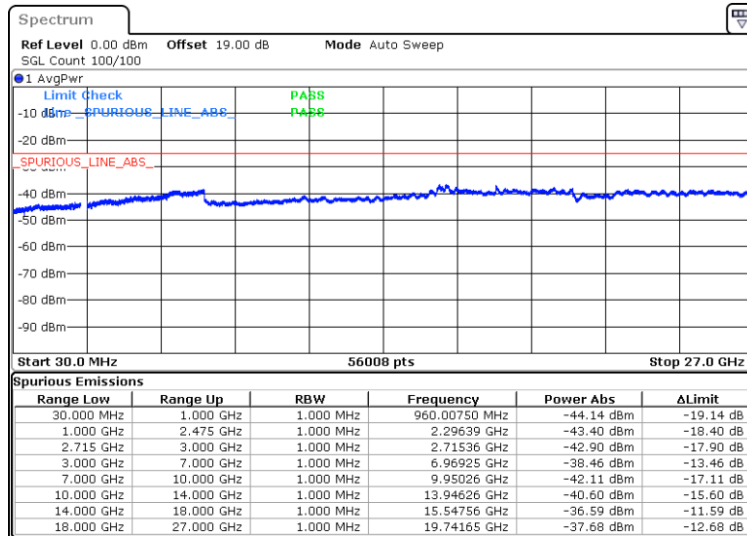
Date: 6.FEB.2025 03:16:44

Middle Channel / QPSK



Date: 6.FEB.2025 03:17:58

Highest Channel / QPSK

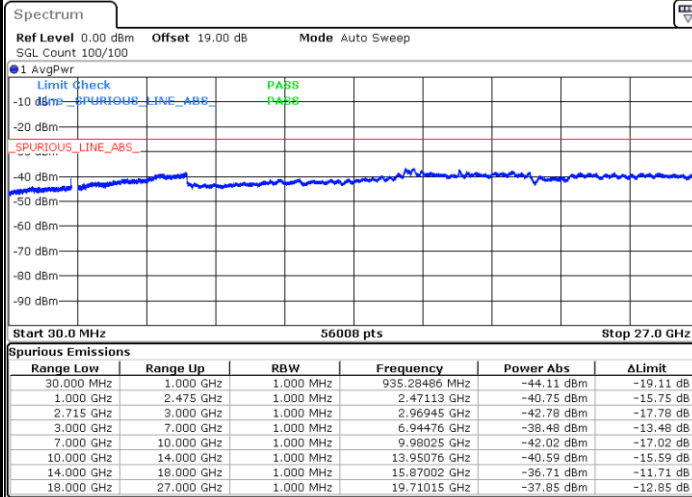


Date: 6.FEB.2025 03:27:06



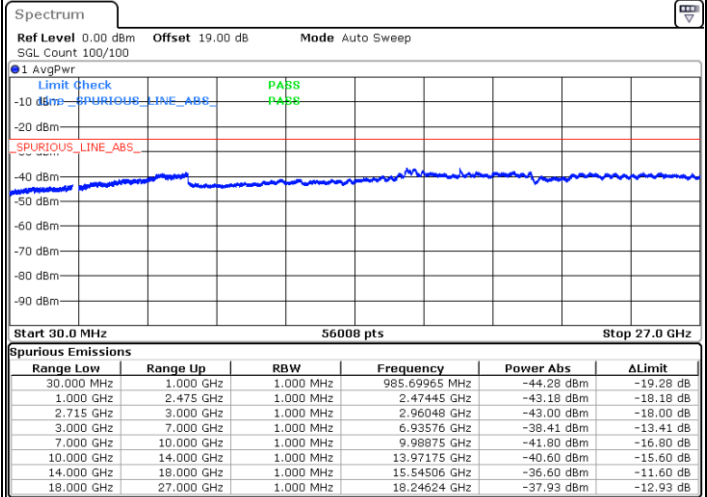
LTE Band 41 / 20MHz

Lowest Channel / QPSK



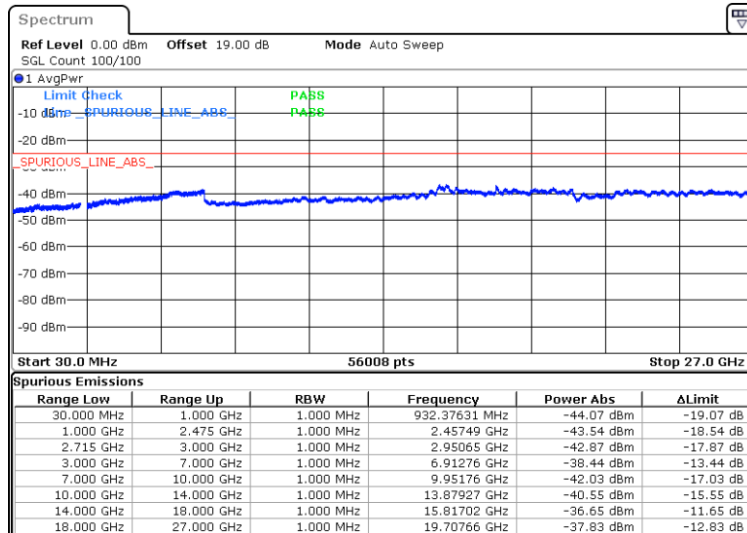
Date: 6.FEB.2025 03:35:39

Middle Channel / QPSK



Date: 6.FEB.2025 03:36:54

Highest Channel / QPSK



Date: 6.FEB.2025 03:47:21

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	0.0010	PASS
40	Normal Voltage	0.0059	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0063	
-30	Normal Voltage	0.0060	
20	Maximum Voltage	0.0066	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage = 3.92 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.53 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.21	25.52	30.81	35.11
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	35.11	40.04	

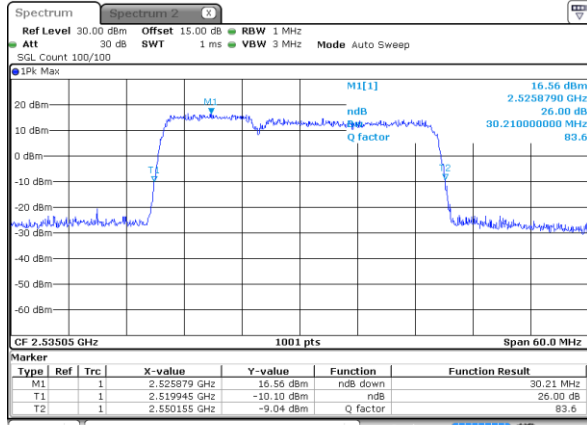
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.15	25.57	30.81	35.25
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.15	35.18	40.20	



LTE Band 7C

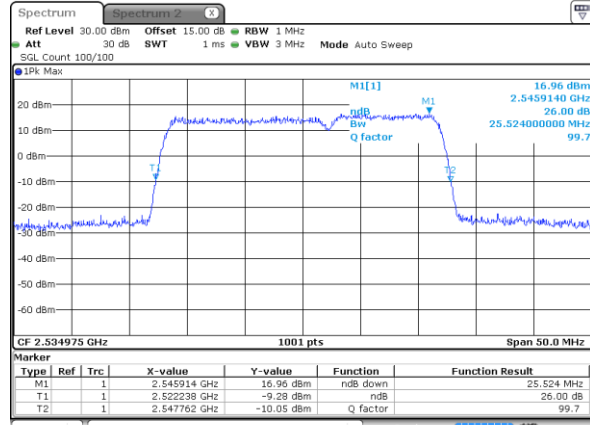
QPSK

Middle Channel / 10MHz+20MHz



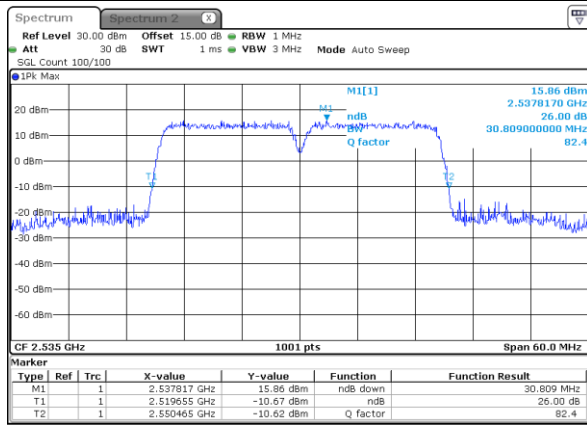
Date: 7 FEB 2025 00:45:40

Middle Channel / 15MHz+10MHz



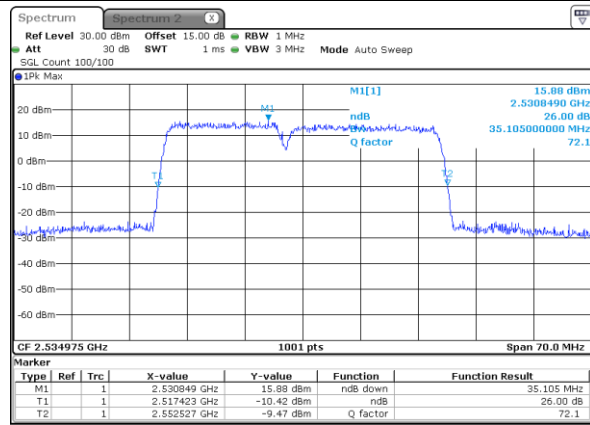
Date: 7 FEB 2025 09:25:57

Middle Channel / 15MHz+15MHz



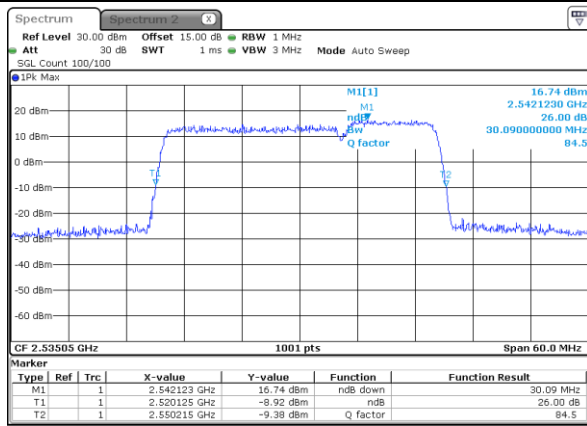
Date: 7 FEB 2025 01:45:17

Middle Channel / 15MHz+20MHz



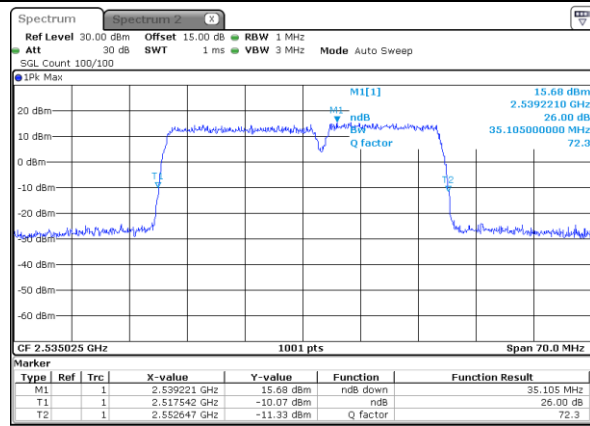
Date: 7 FEB 2025 02:09:09

Middle Channel / 20MHz+10MHz



Date: 7 FEB 2025 01:10:12

Middle Channel / 20MHz+15MHz



Date: 7 FEB 2025 02:40:19

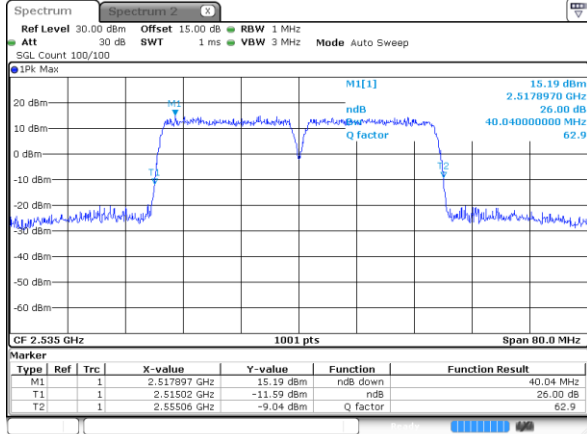


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



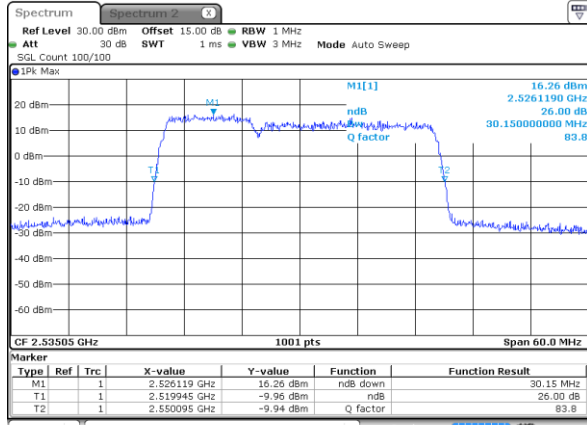
Date: 7 FEB 2025 13:48:49



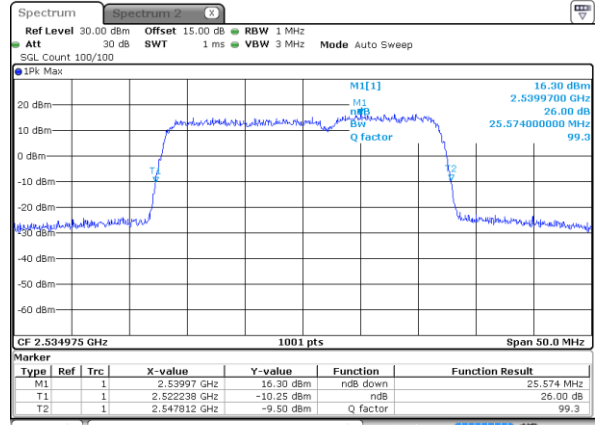
LTE Band 7C

16QAM

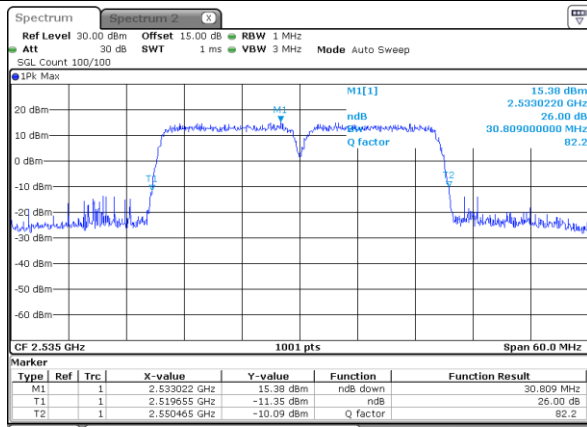
Middle Channel / 10MHz+20MHz



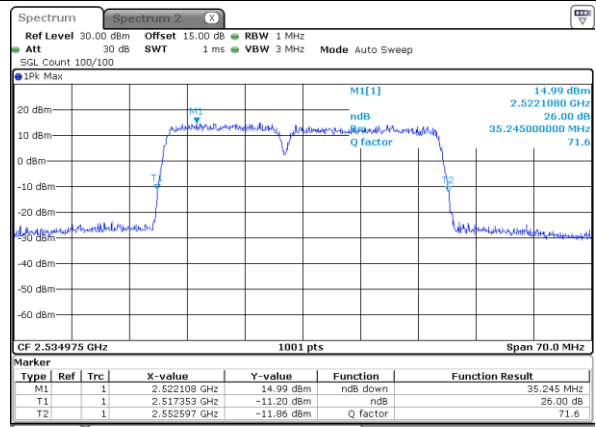
Middle Channel / 15MHz+10MHz



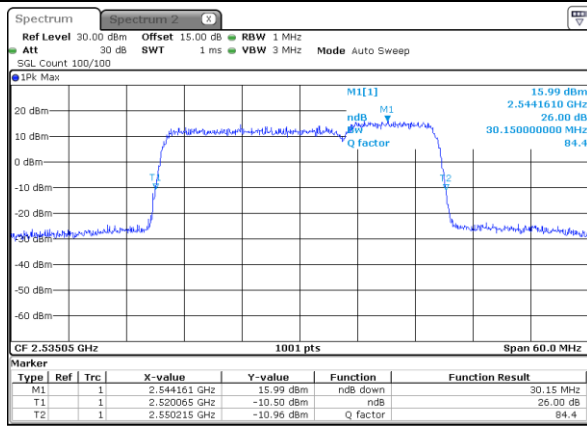
Middle Channel / 15MHz+15MHz



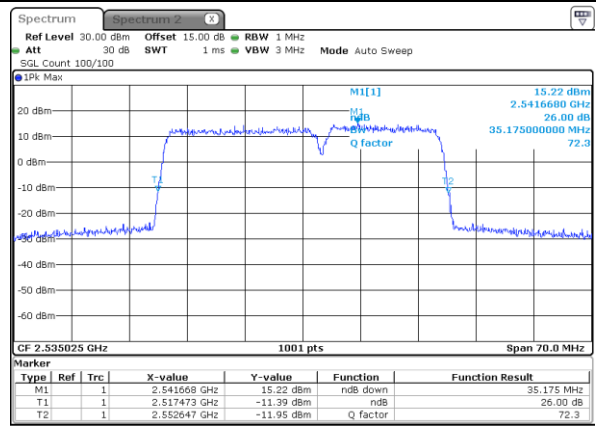
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



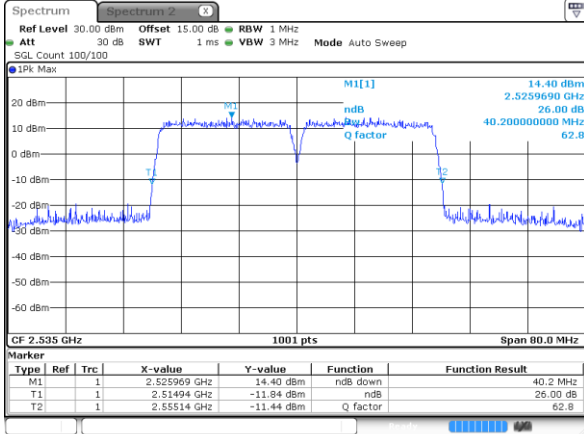


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 7 FEB 2025 13:49:16

**Occupied Bandwidth**

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.17	23.53	28.71	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	33.01	37.72	

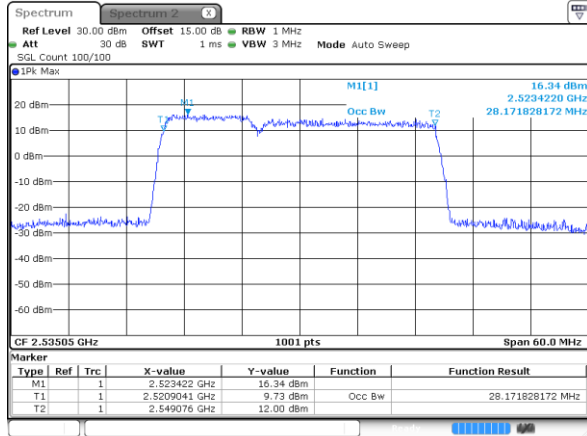
Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.05	23.53	28.71	32.94
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.05	32.87	37.80	



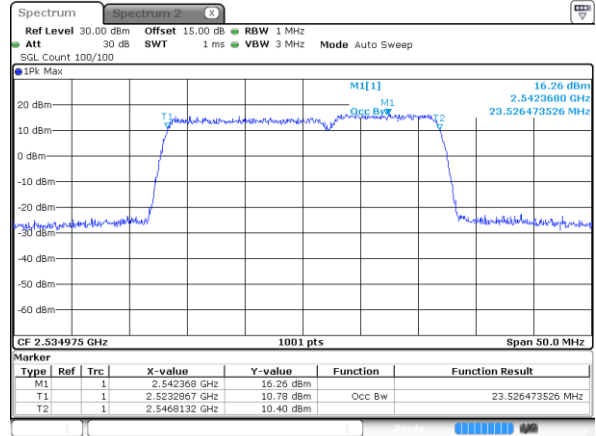
LTE Band 7C

QPSK

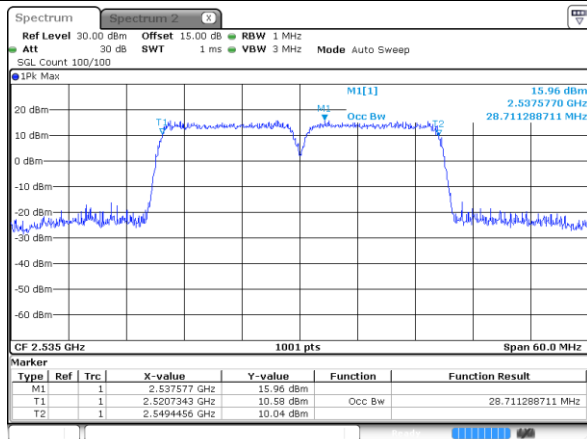
Middle Channel / 10MHz+20MHz



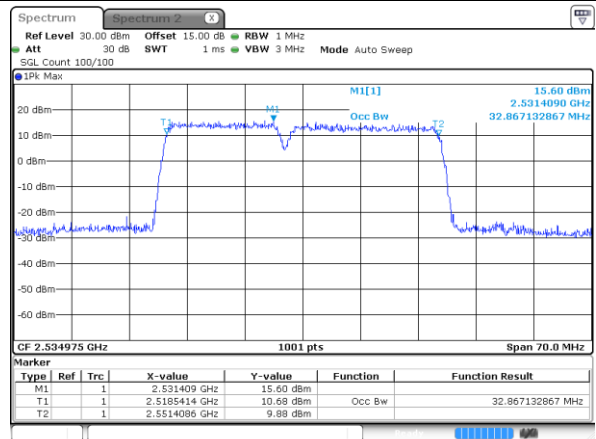
Middle Channel / 15MHz+10MHz



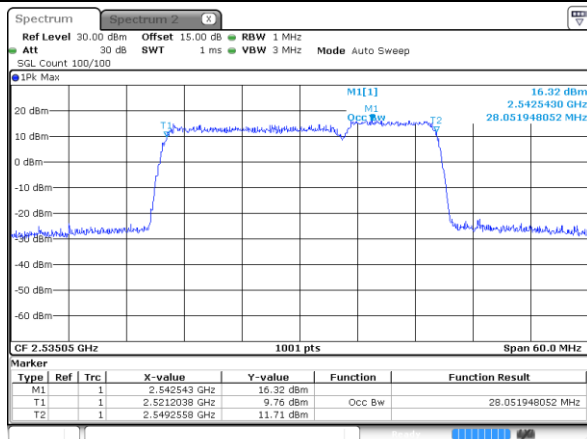
Middle Channel / 15MHz+15MHz



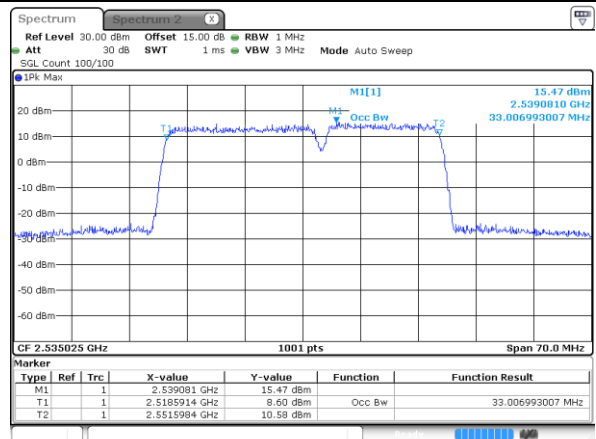
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



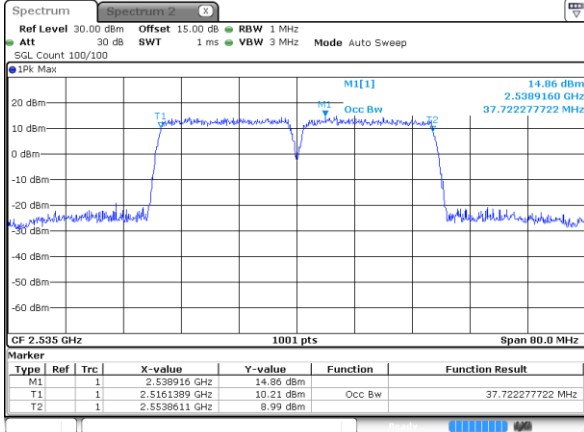


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



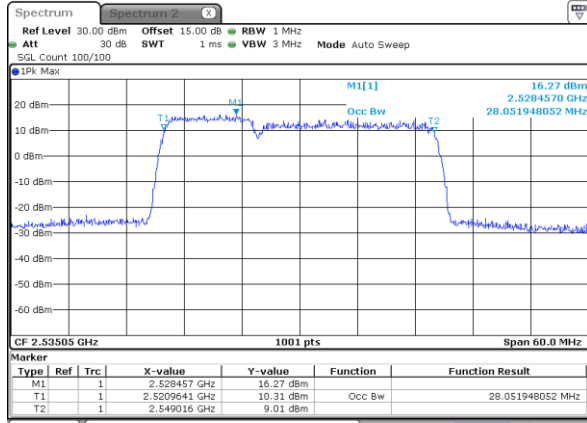
Date: 7 FEB 2025 13:48:21



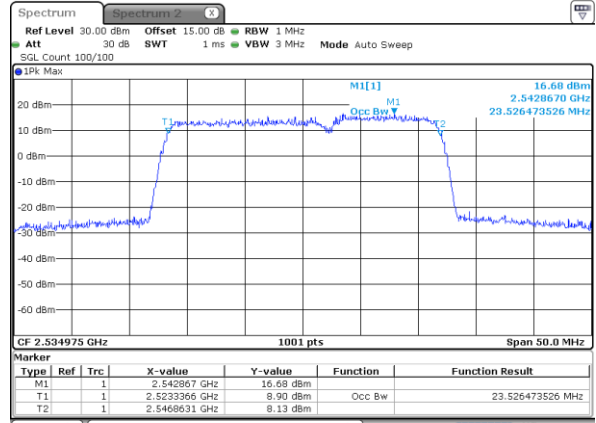
LTE Band 7C

16QAM

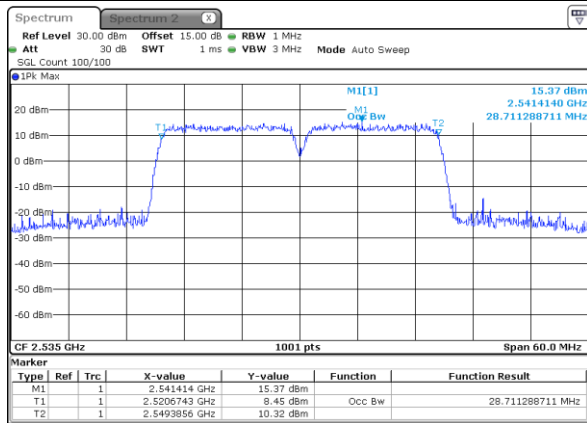
Middle Channel / 10MHz+20MHz



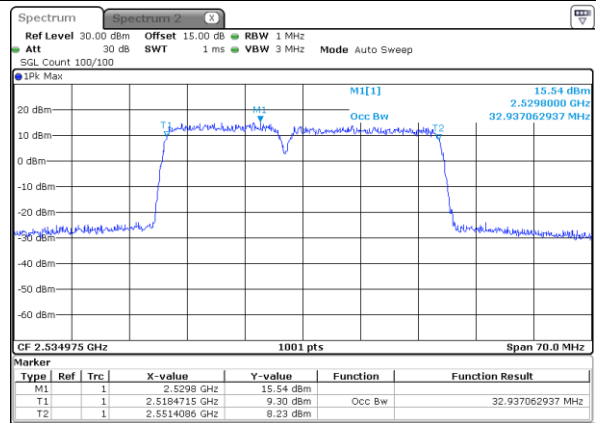
Middle Channel / 15MHz+10MHz



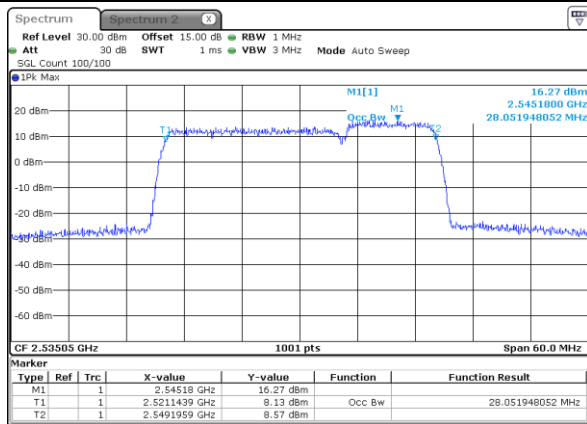
Middle Channel / 15MHz+15MHz



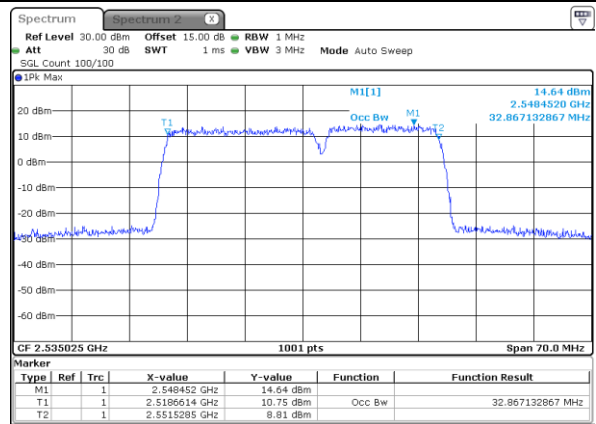
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz





LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A

