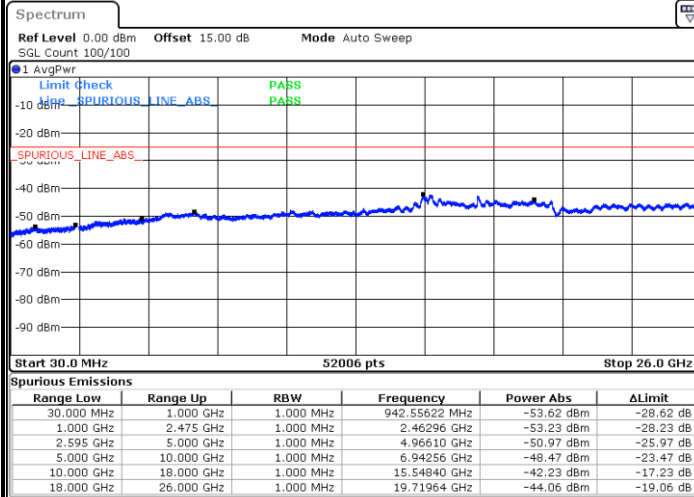




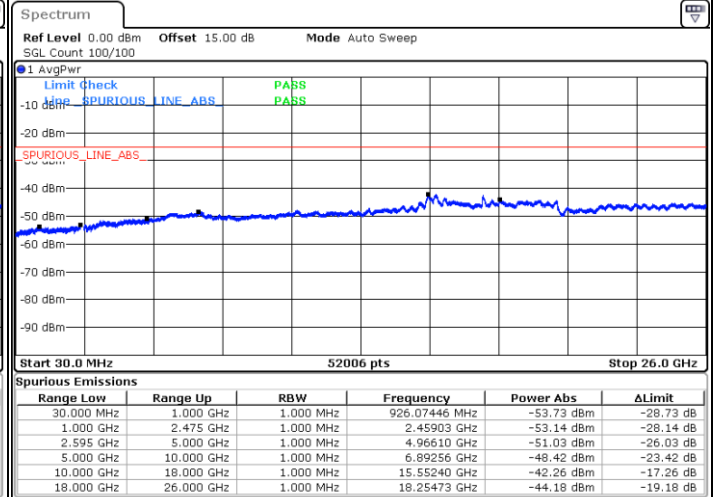
LTE Band 7 / 10MHz

Lowest Channel / QPSK



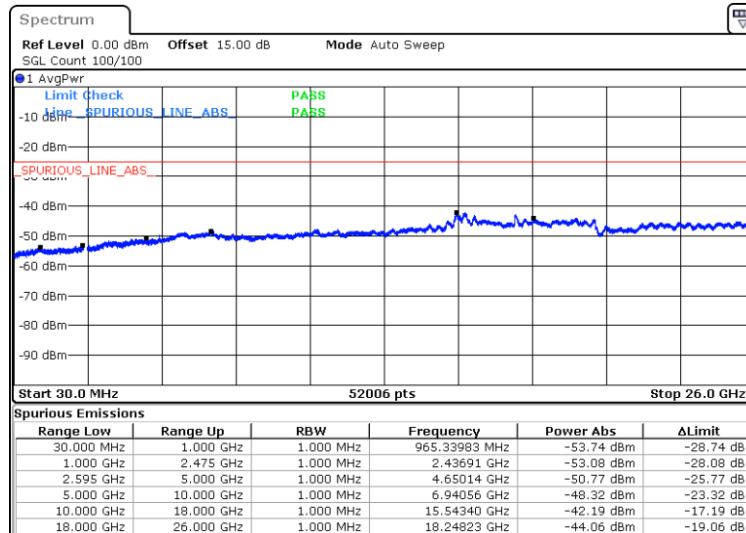
Date: 12.JUL.2025 17:51:26

Middle Channel / QPSK



Date: 12.JUL.2025 17:52:40

Highest Channel / QPSK

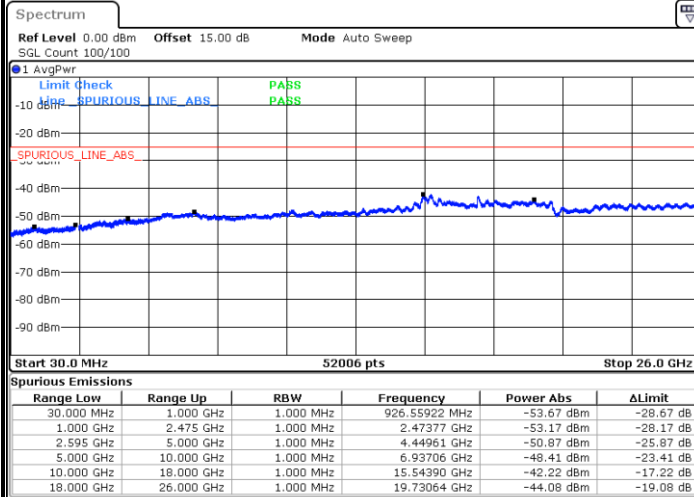


Date: 12.JUL.2025 18:01:49



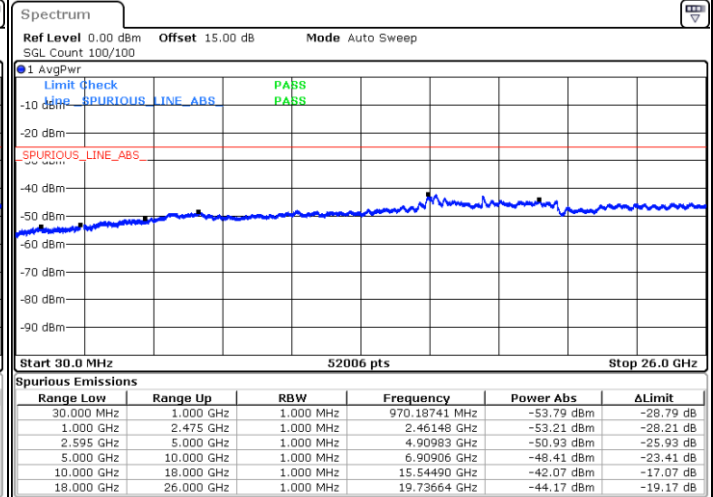
LTE Band 7 / 15MHz

Lowest Channel / QPSK



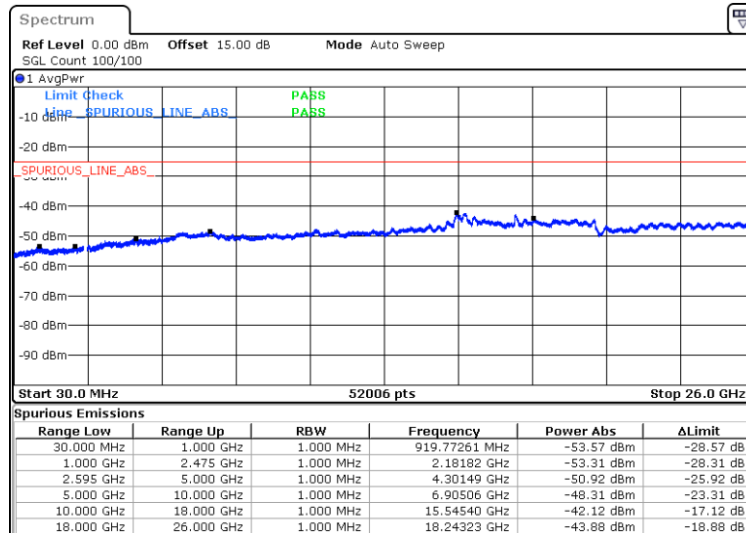
Date: 12.JUL.2025 18:10:24

Middle Channel / QPSK



Date: 12.JUL.2025 18:11:38

Highest Channel / QPSK

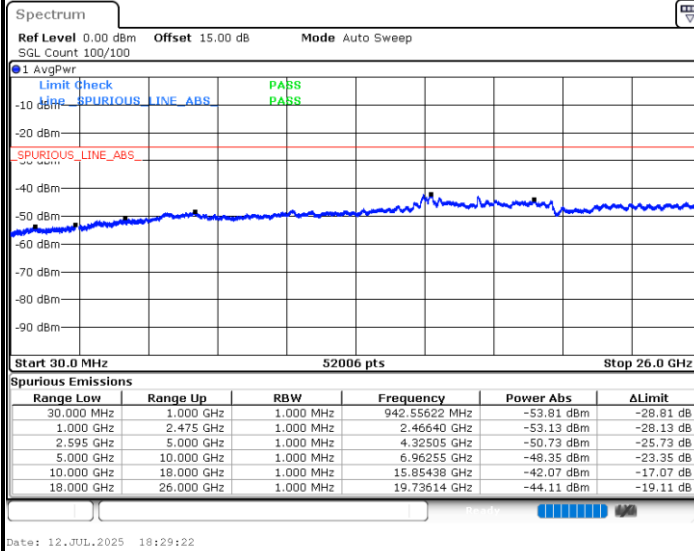


Date: 12.JUL.2025 18:20:47

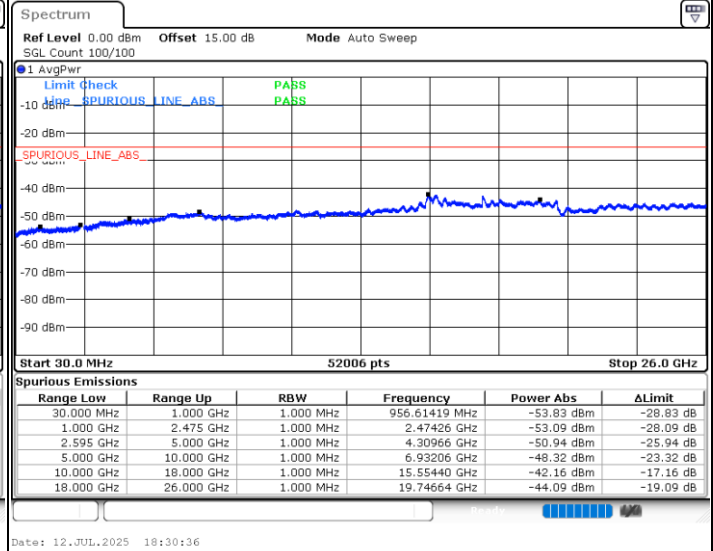


LTE Band 7 / 20MHz

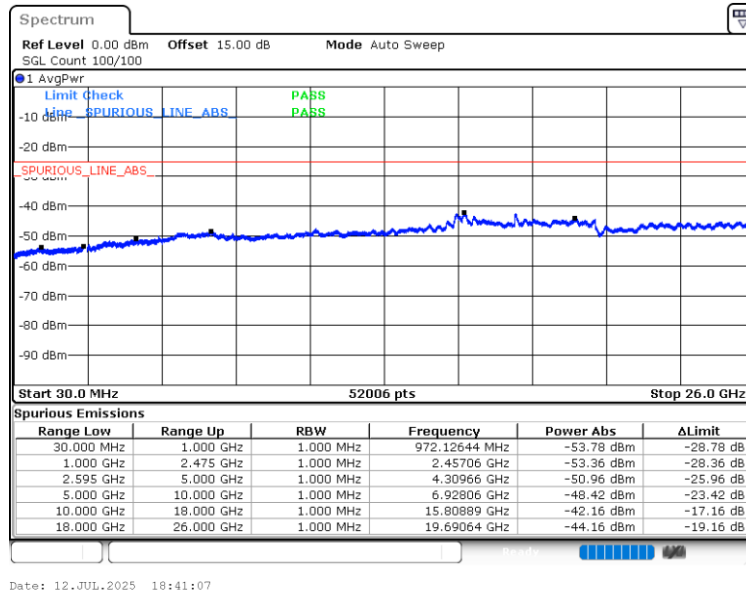
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK



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	0.0004	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0004	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0021	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41

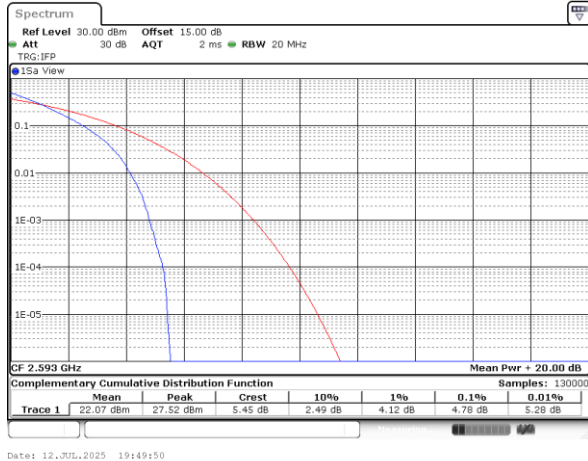
Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.78	5.77	6.17	PASS



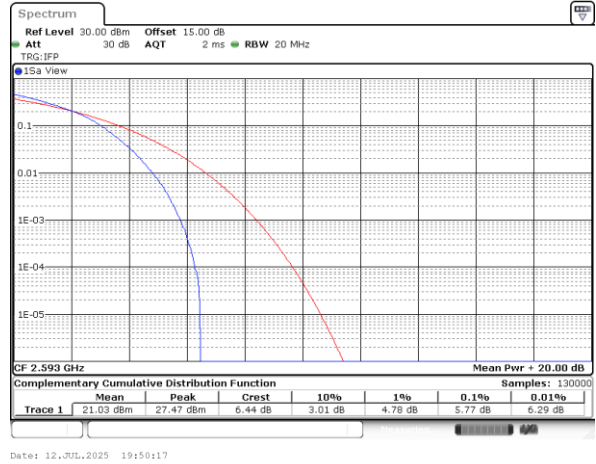
LTE Band 41 / 20MHz / QPSK

Middle Channel / Full RB



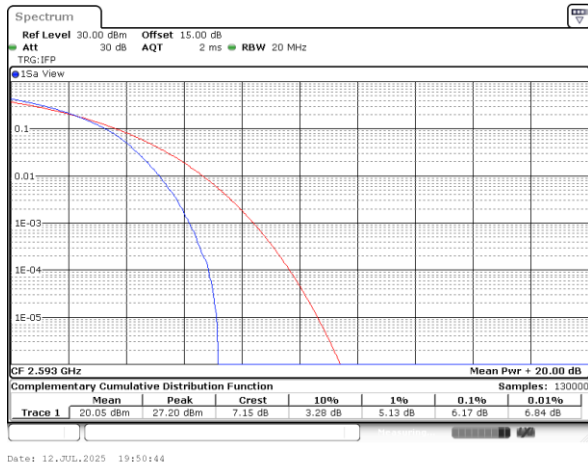
LTE Band 41 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 41 / 20MHz / 64QAM

Middle Channel / Full RB





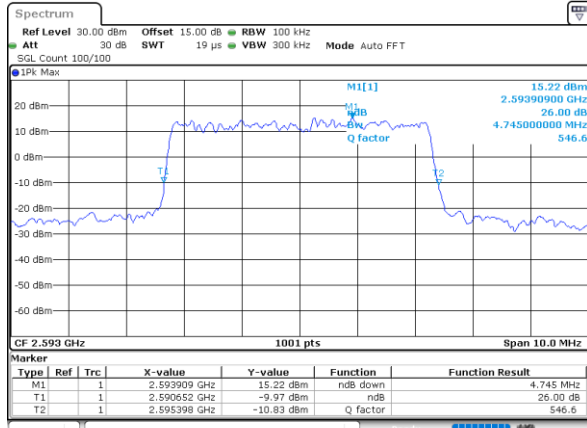
26dB Bandwidth

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	-	-	-	-	4.75	4.78	9.77	9.73	14.15	14.39	18.62	20.66

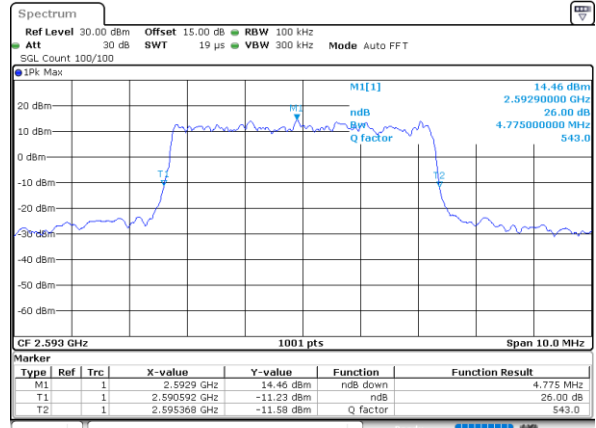


LTE Band 41

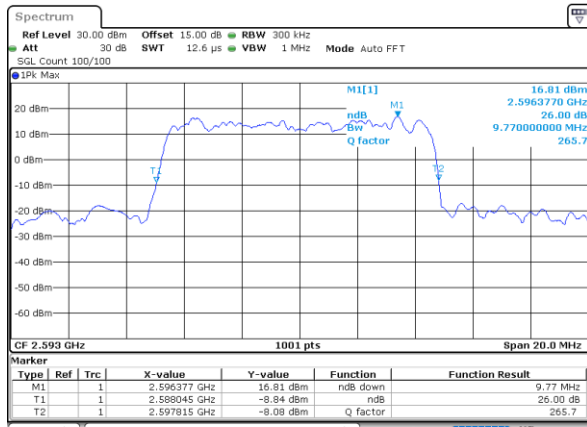
Middle Channel / 5MHz / QPSK



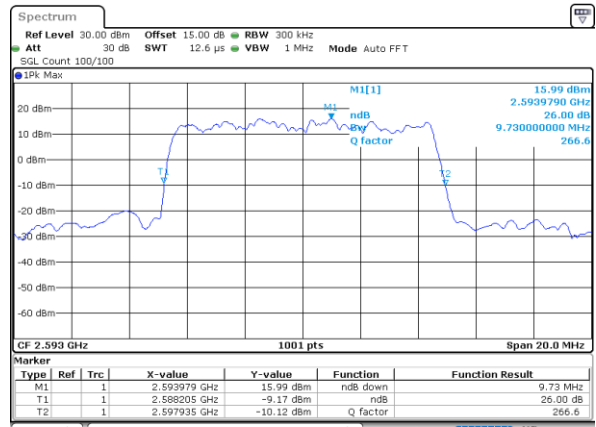
Middle Channel / 5MHz / 16QAM



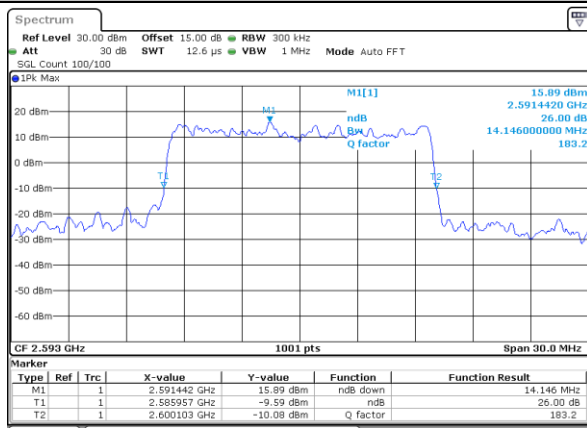
Middle Channel / 10MHz / QPSK



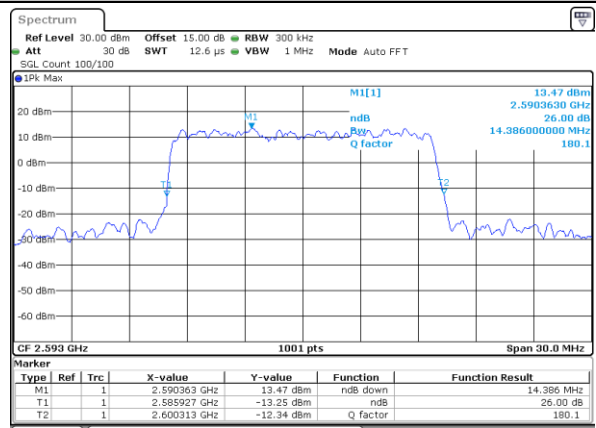
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



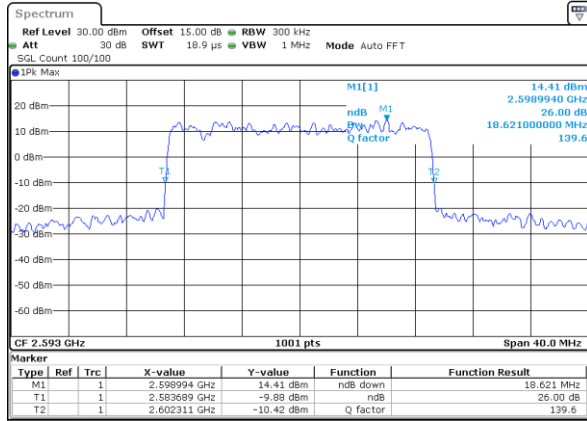
Middle Channel / 15MHz / 16QAM





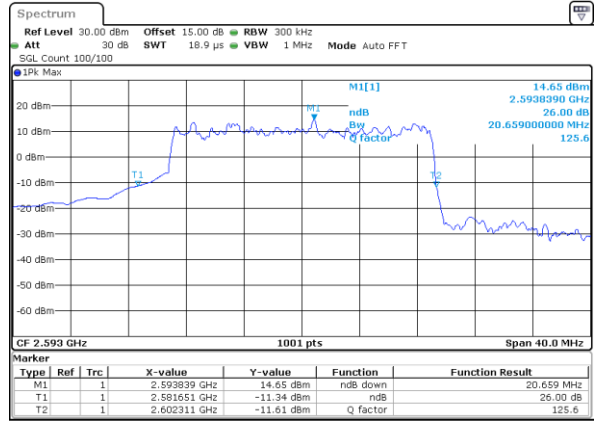
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 12.JUL.2025 19:48:44

Middle Channel / 20MHz / 16QAM



Date: 12.JUL.2025 19:49:23



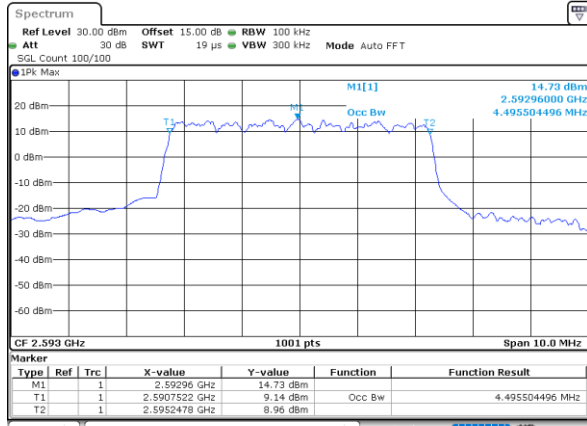
Occupied Bandwidth

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	4.51	9.03	9.03	13.55	13.46	17.86	17.90



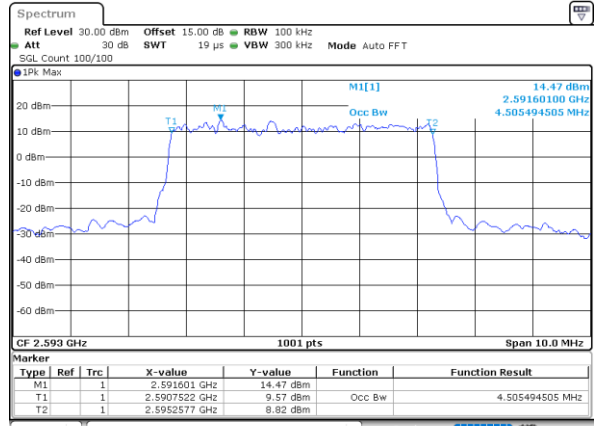
LTE Band 41

Middle Channel / 5MHz / QPSK



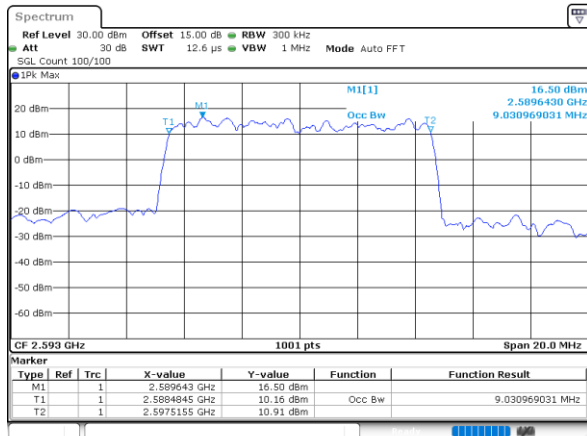
Date: 12.JUL.2025 18:51:25

Middle Channel / 5MHz / 16QAM



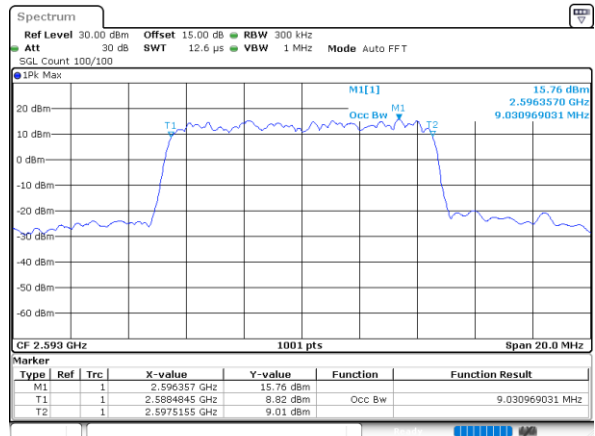
Date: 12.JUL.2025 18:52:05

Middle Channel / 10MHz / QPSK



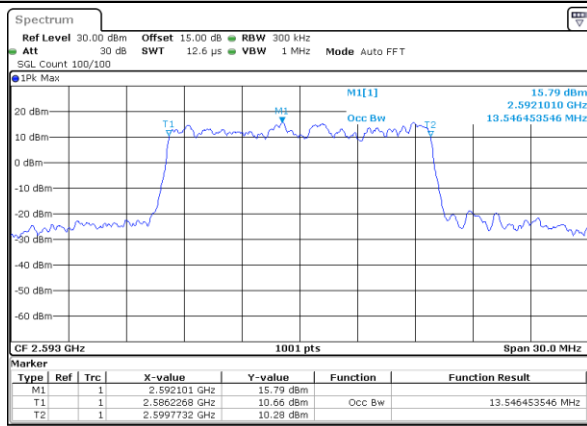
Date: 12.JUL.2025 19:10:26

Middle Channel / 10MHz / 16QAM



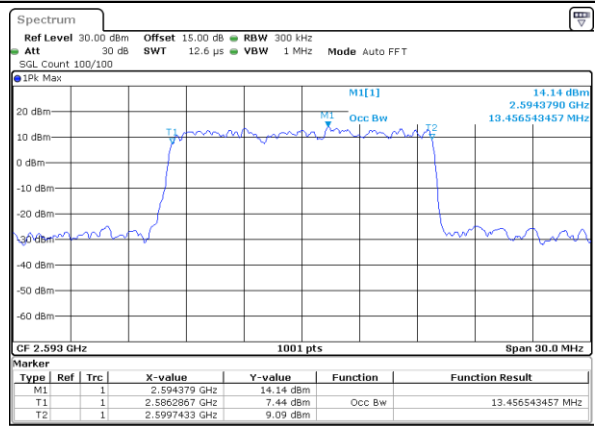
Date: 12.JUL.2025 19:11:06

Middle Channel / 15MHz / QPSK



Date: 12.JUL.2025 19:29:27

Middle Channel / 15MHz / 16QAM

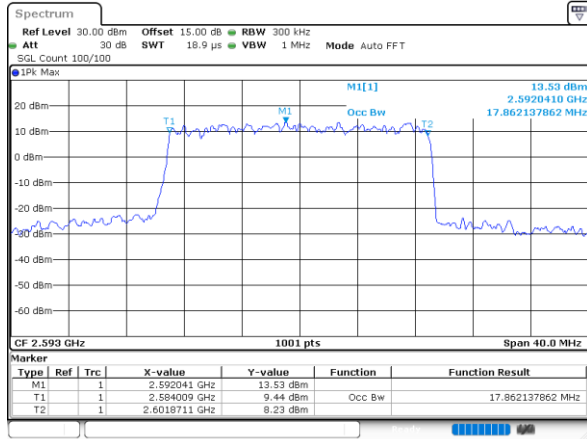


Date: 12.JUL.2025 19:30:07



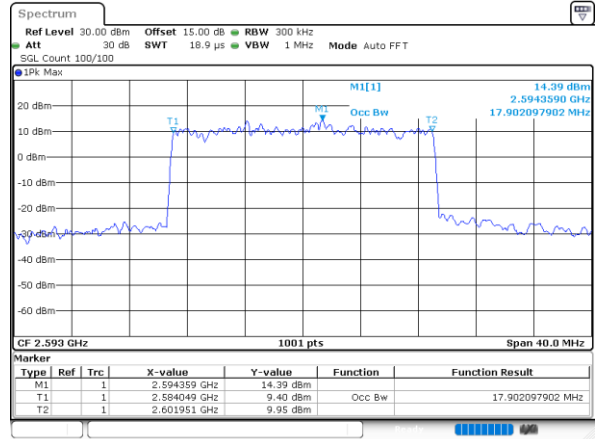
LTE Band 41

Middle Channel / 20MHz / QPSK



Date: 12.JUL.2025 19:48:30

Middle Channel / 20MHz / 16QAM



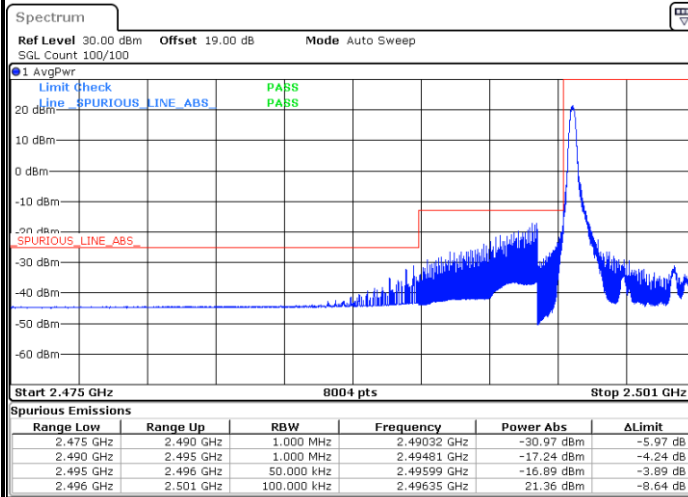
Date: 12.JUL.2025 19:49:09



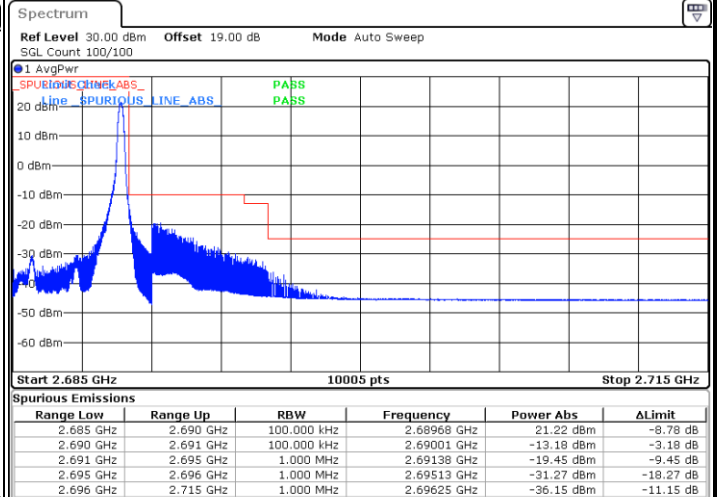
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

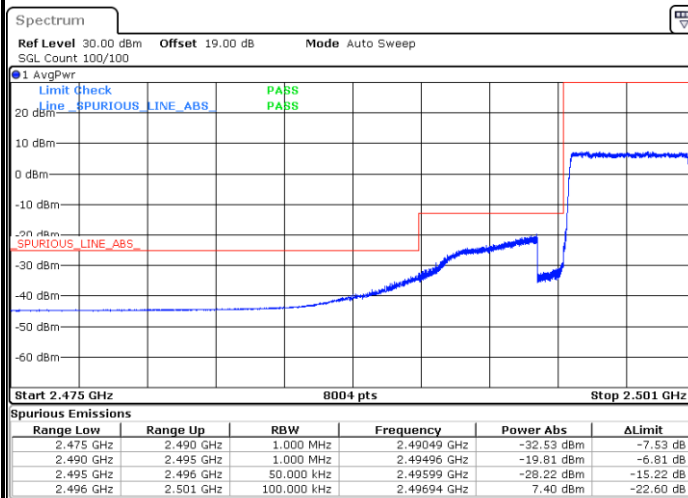
Lowest Band Edge / 1 RB



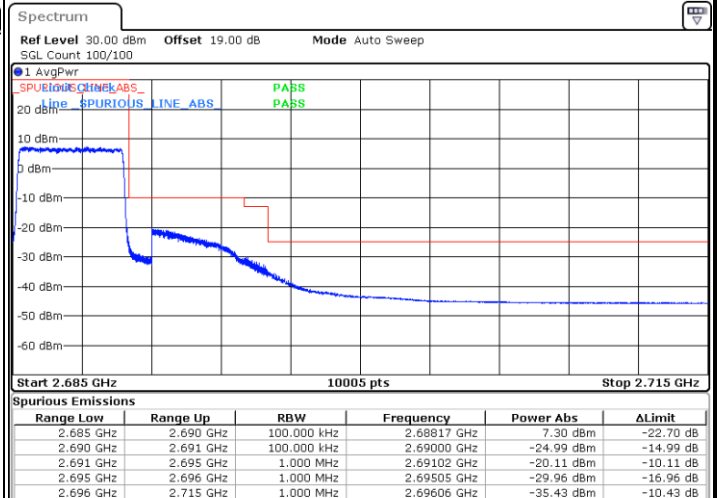
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



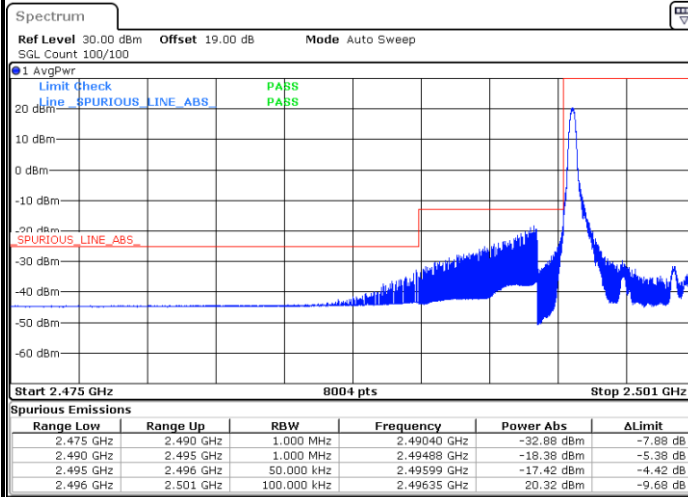
Highest Band Edge / Full RB





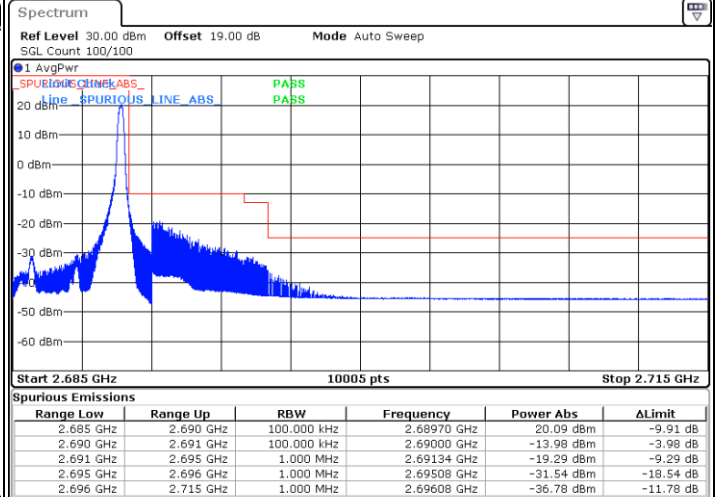
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



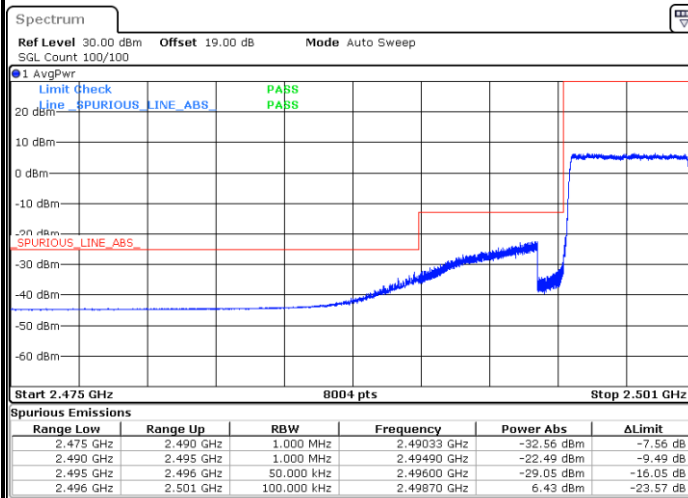
Date: 12.JUL.2025 18:44:02

Highest Band Edge / 1 RB



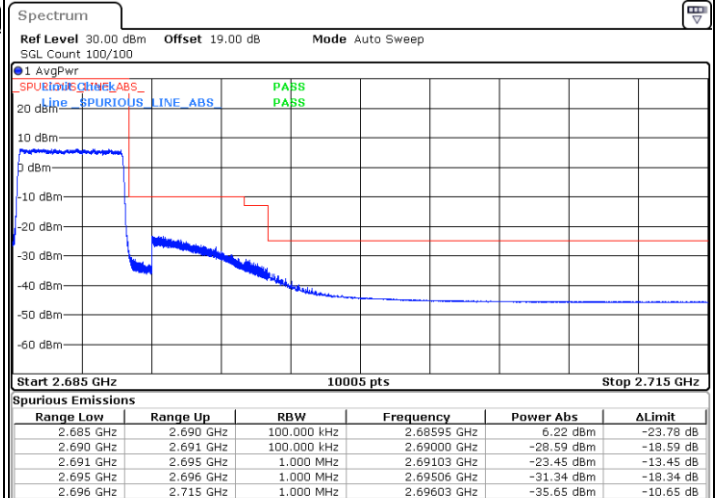
Date: 12.JUL.2025 18:54:30

Lowest Band Edge / Full RB



Date: 12.JUL.2025 18:47:22

Highest Band Edge / Full RB

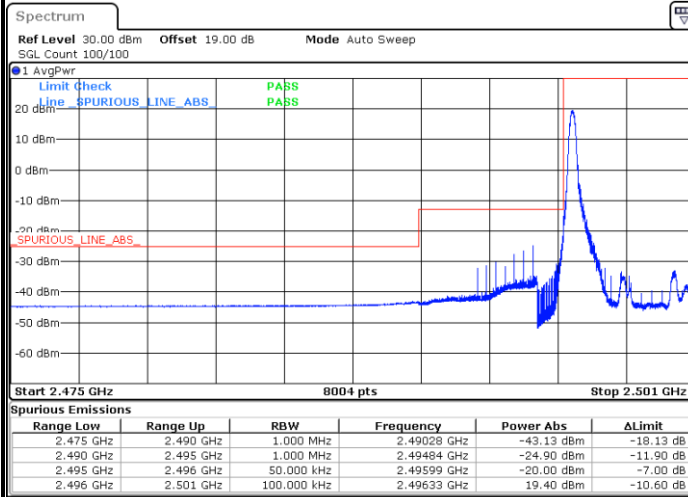


Date: 12.JUL.2025 18:57:48

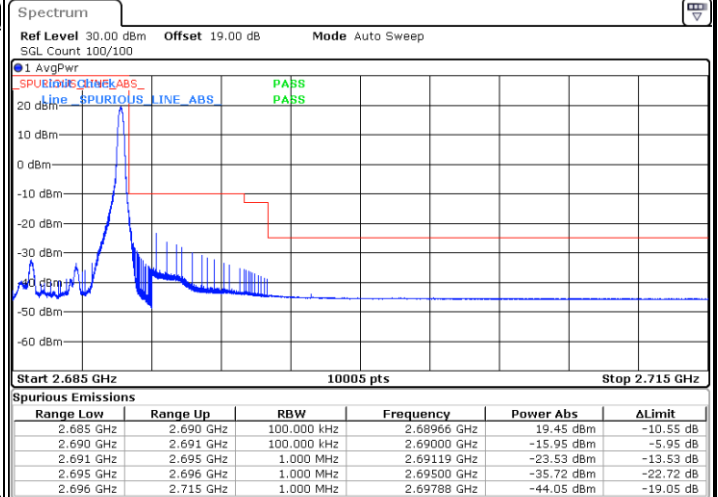


LTE Band 41 / 5MHz / 64QAM

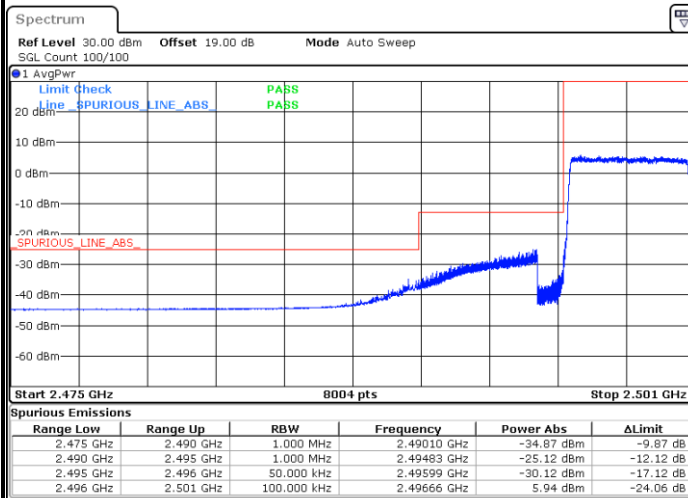
Lowest Band Edge / 1RB



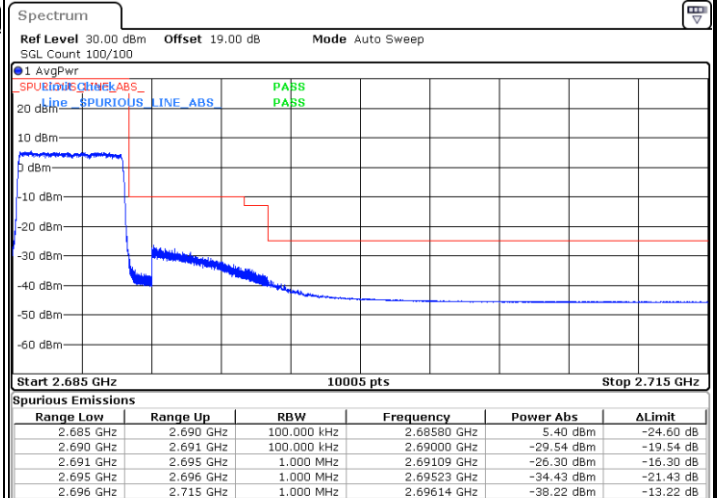
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



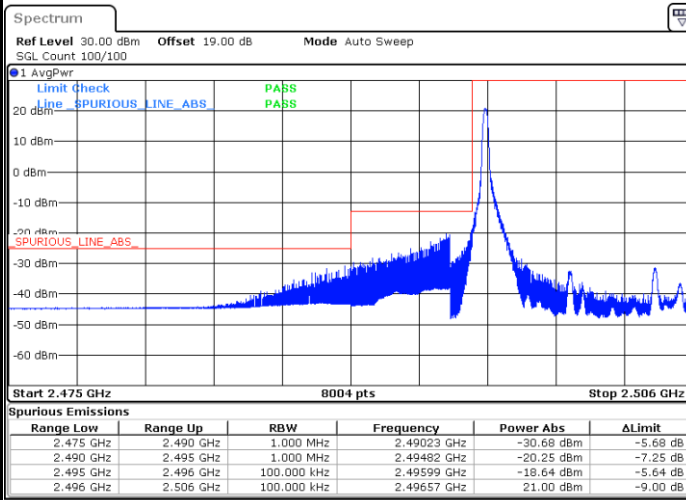
Highest Band Edge / Full RB



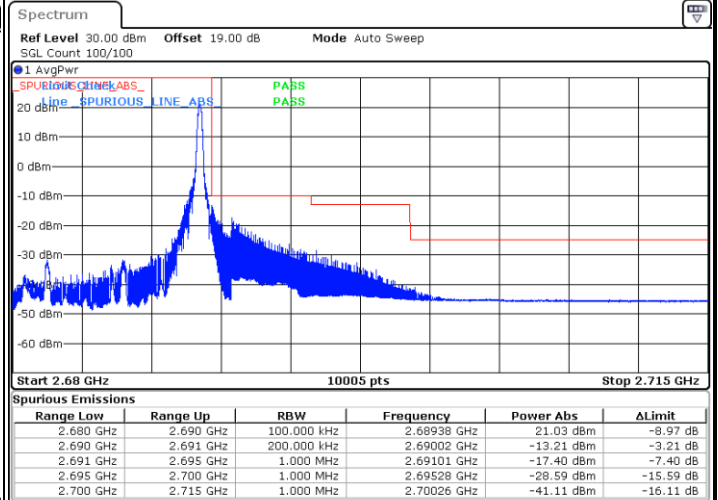


LTE Band 41 / 10MHz / QPSK

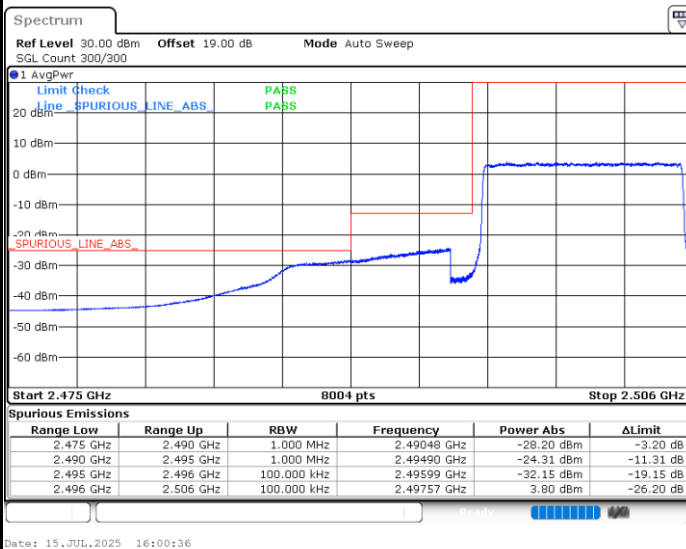
Lowest Band Edge / 1 RB



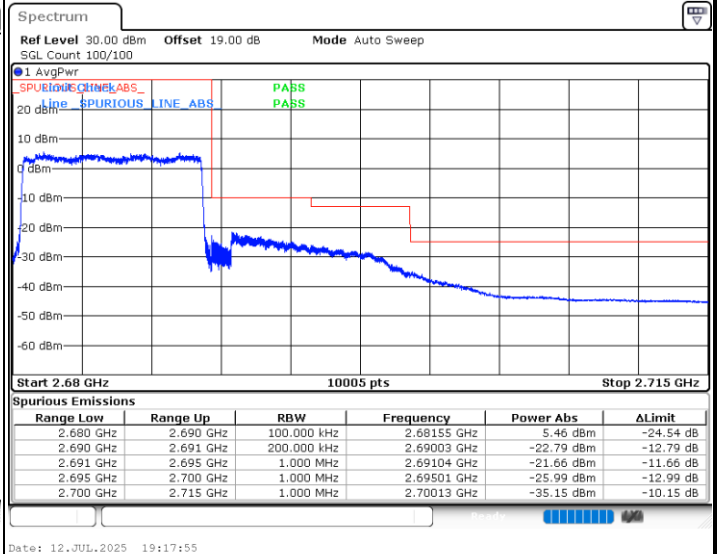
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



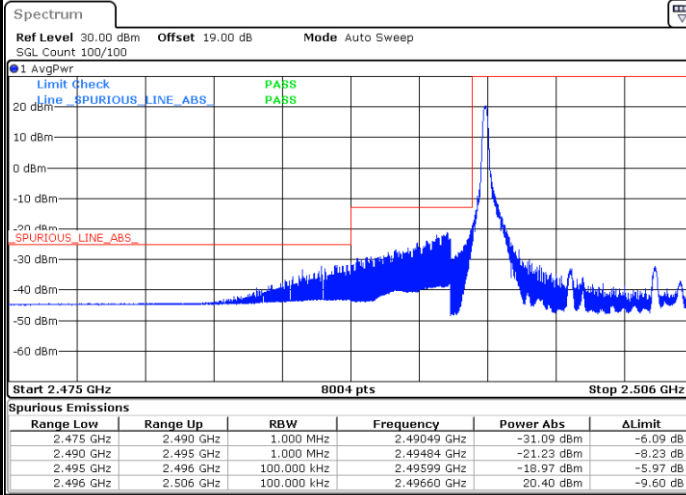
Highest Band Edge / Full RB





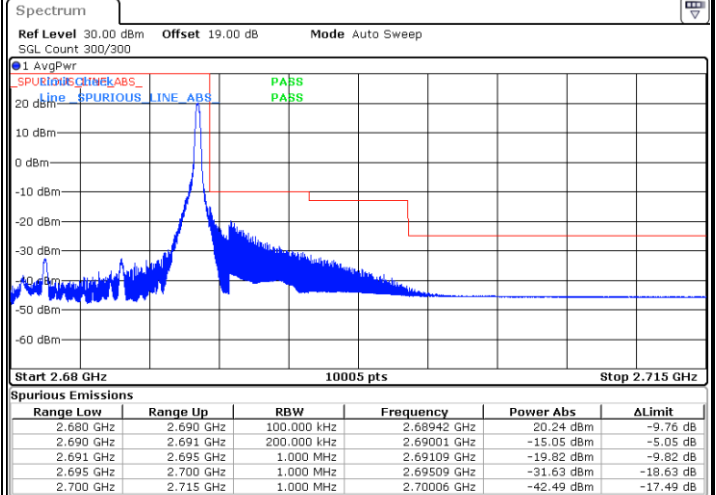
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



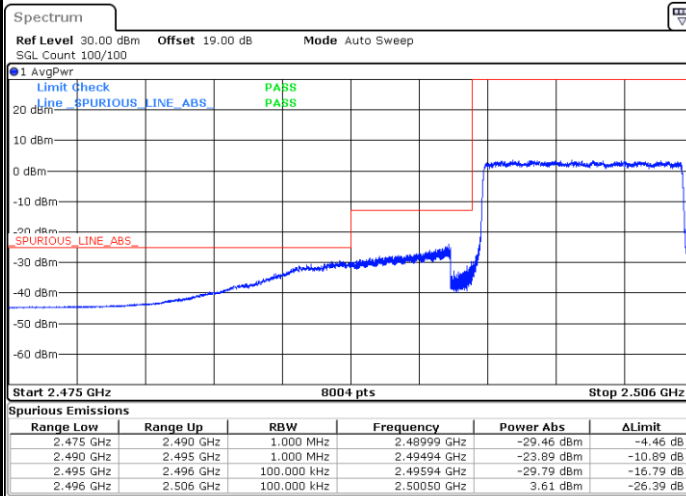
Date: 12.JUL.2025 19:03:04

Highest Band Edge / 1 RB



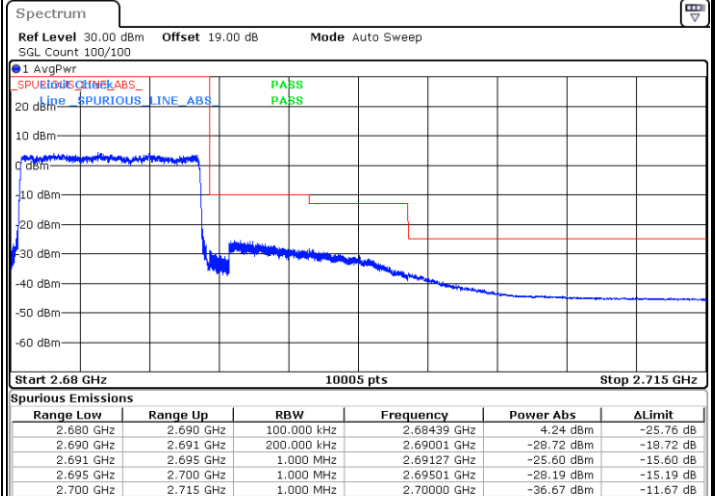
Date: 15.JUL.2025 16:01:59

Lowest Band Edge / Full RB



Date: 12.JUL.2025 19:06:23

Highest Band Edge / Full RB

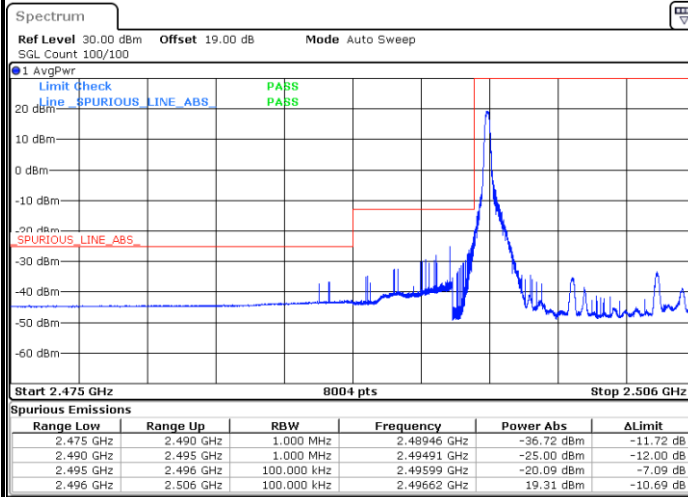


Date: 12.JUL.2025 19:16:49

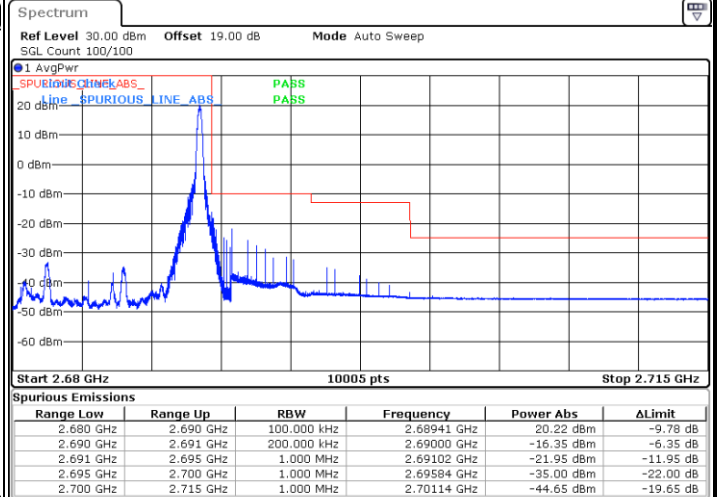


LTE Band 41 / 10MHz / 64QAM

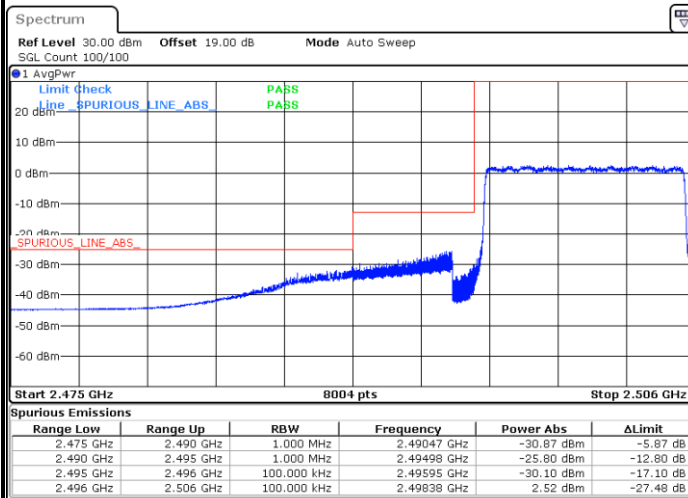
Lowest Band Edge / 1RB



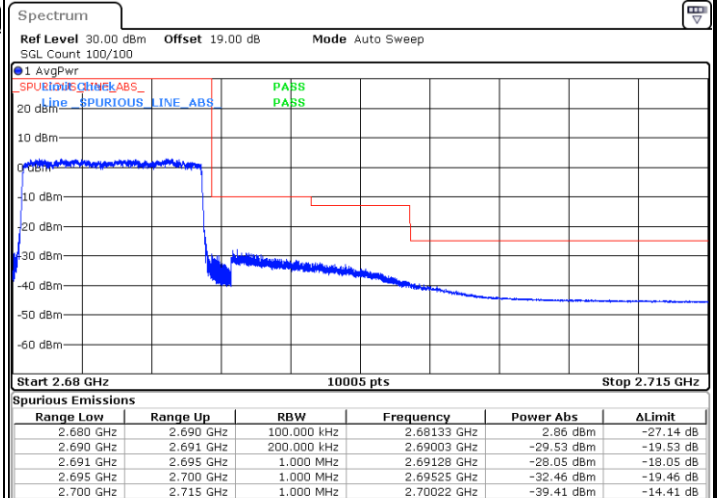
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



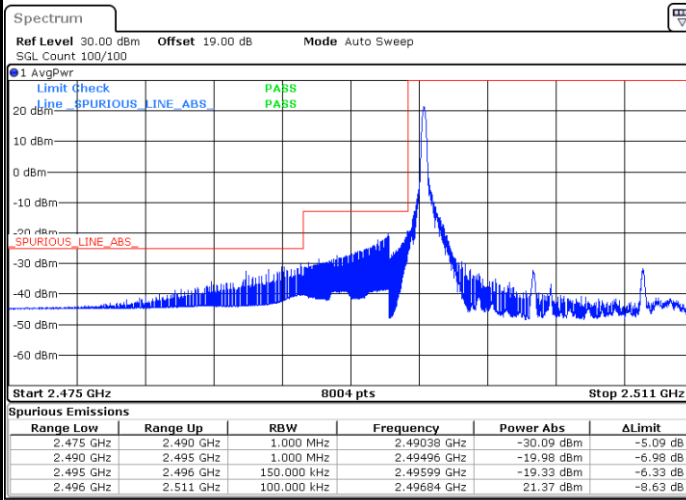
Highest Band Edge / Full RB



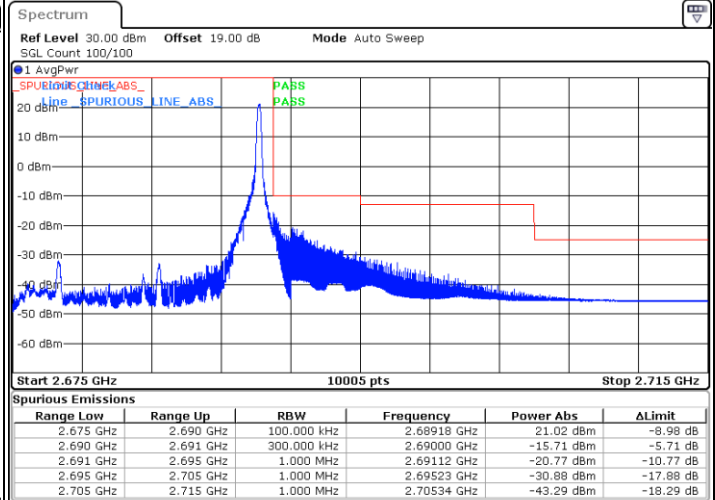


LTE Band 41 / 15MHz / QPSK

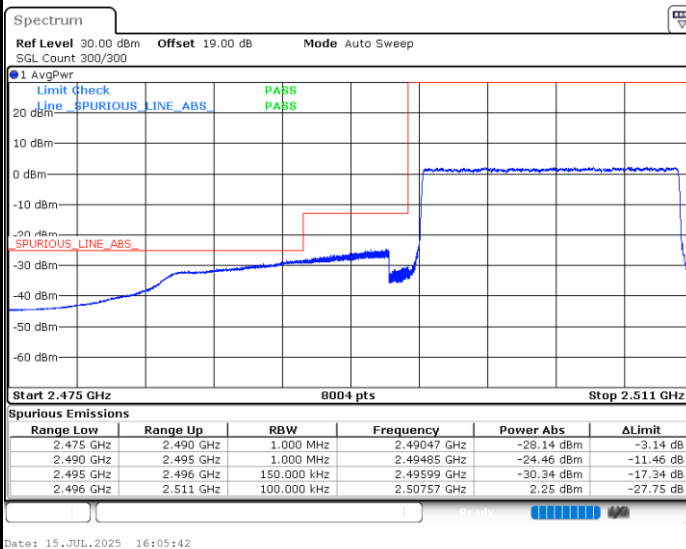
Lowest Band Edge / 1 RB



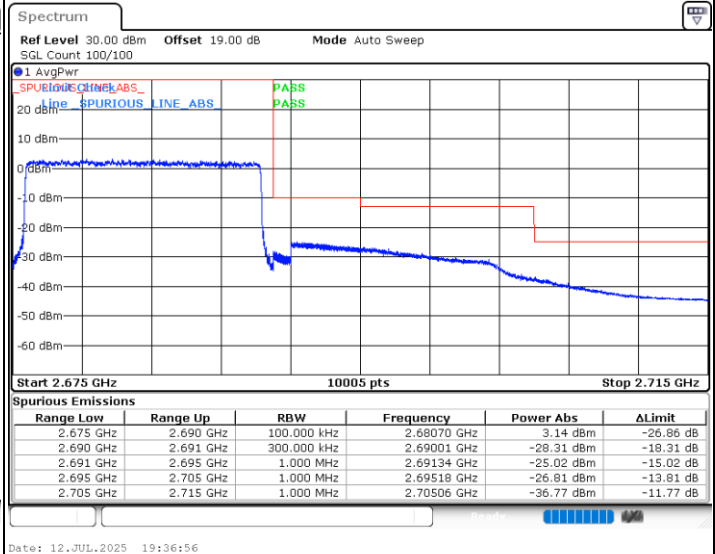
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



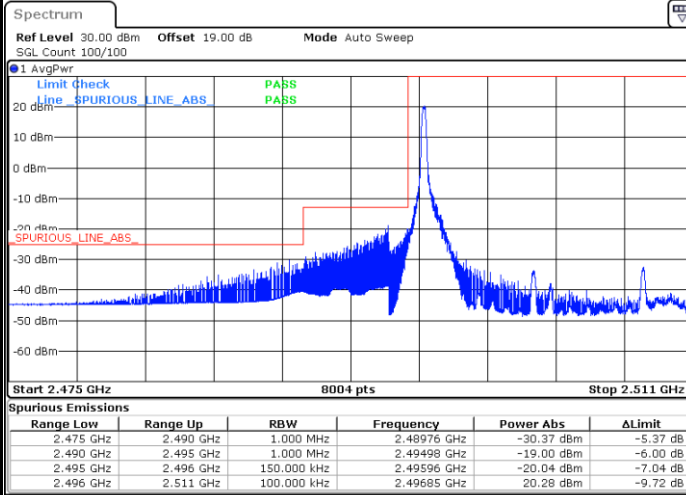
Highest Band Edge / Full RB



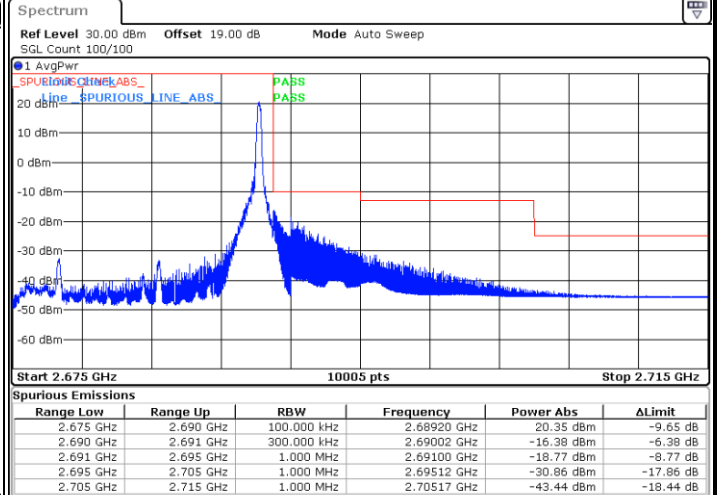


LTE Band 41 / 15MHz / 16QAM

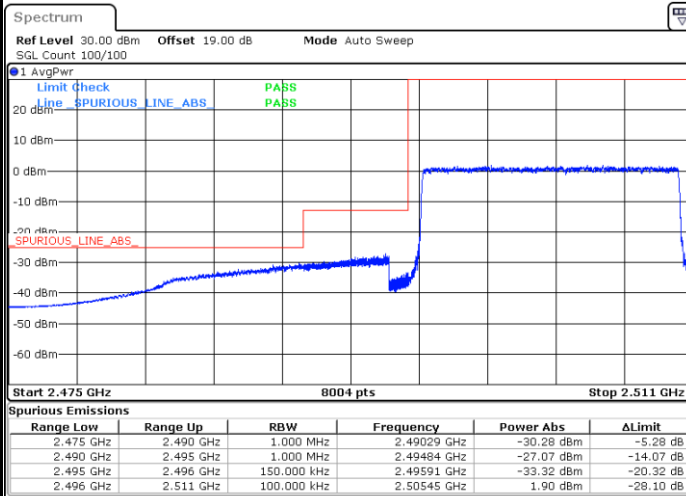
Lowest Band Edge / 1RB



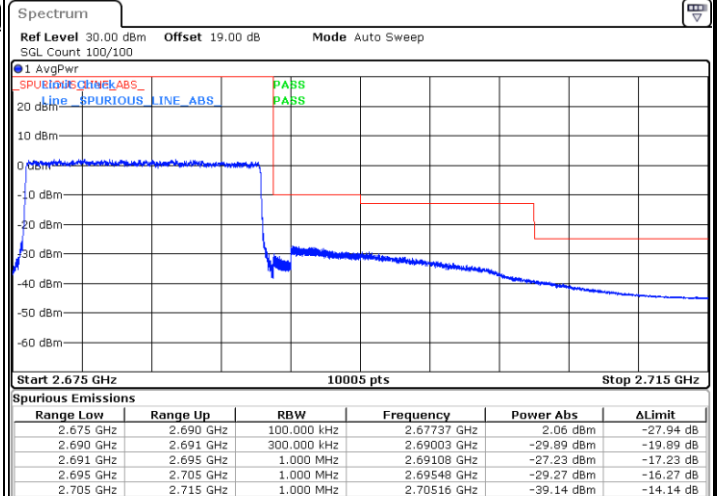
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



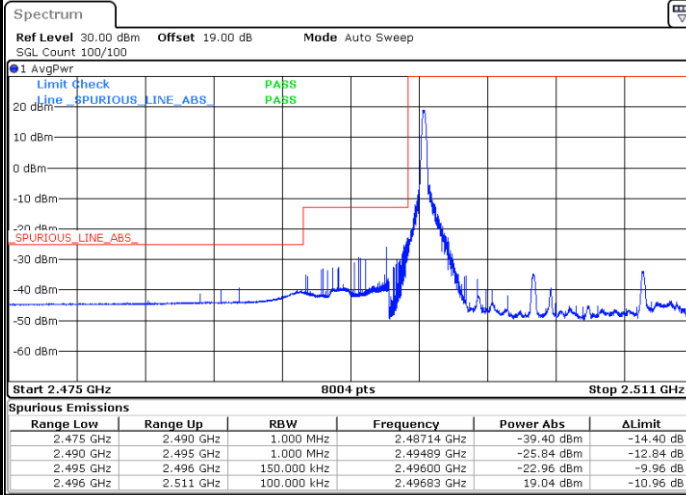
Highest Band Edge / Full RB



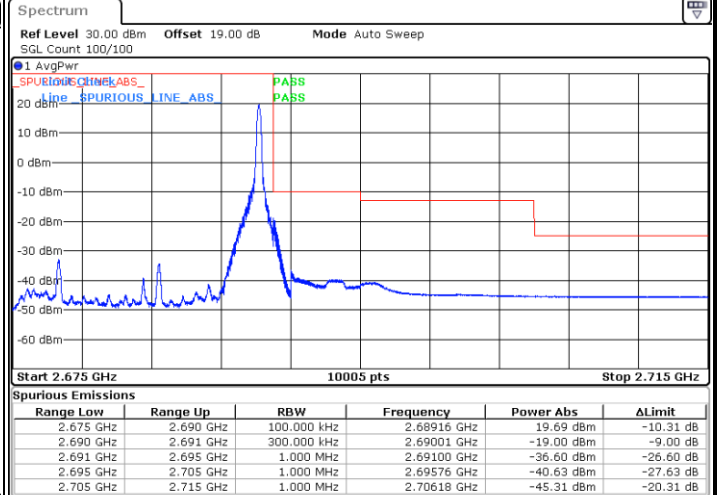


LTE Band 41 / 15MHz / 64QAM

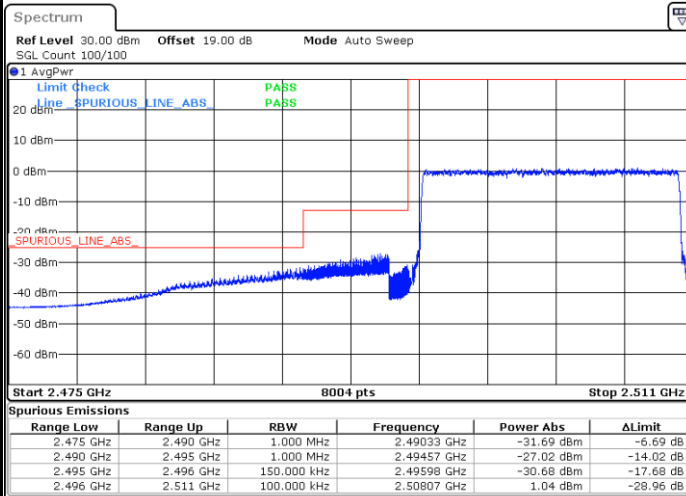
Lowest Band Edge / 1RB



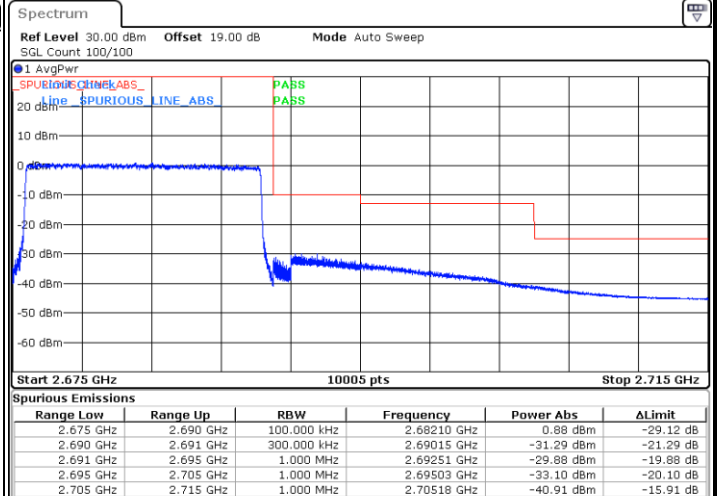
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



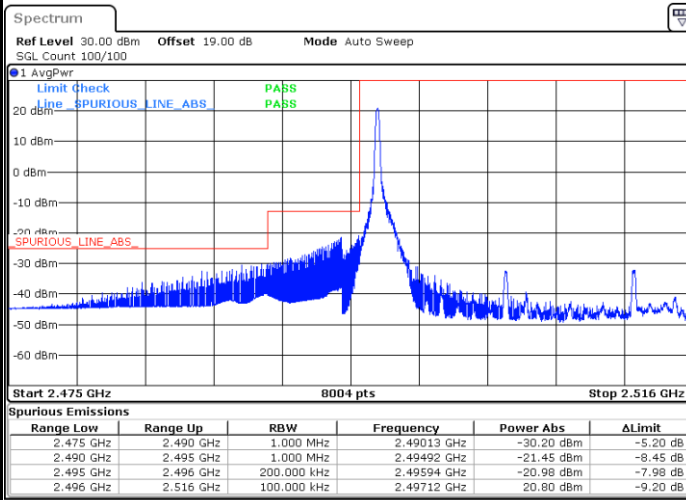
Highest Band Edge / Full RB



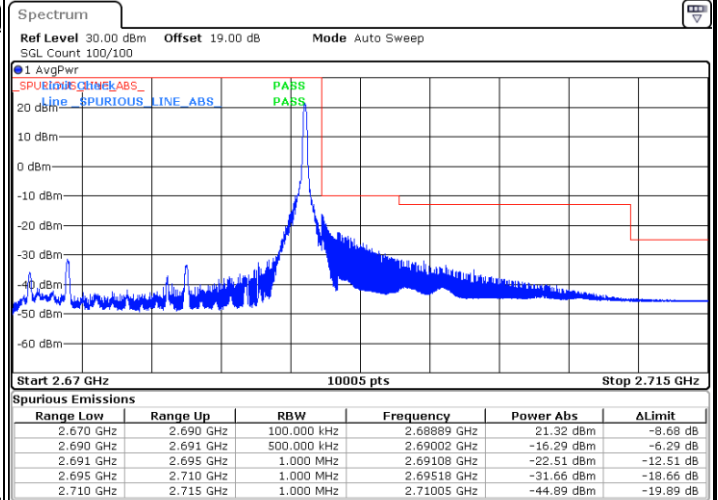


LTE Band 41 / 20MHz / QPSK

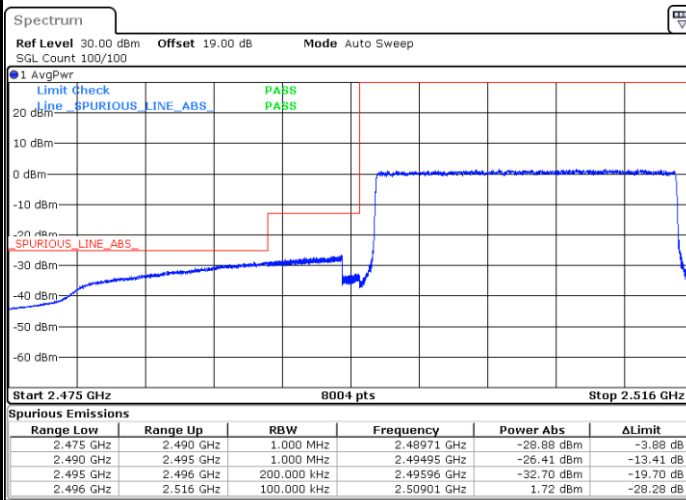
Lowest Band Edge / 1 RB



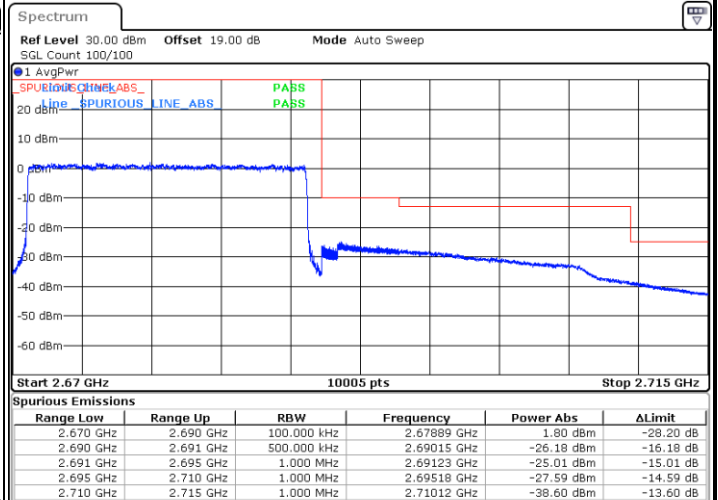
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



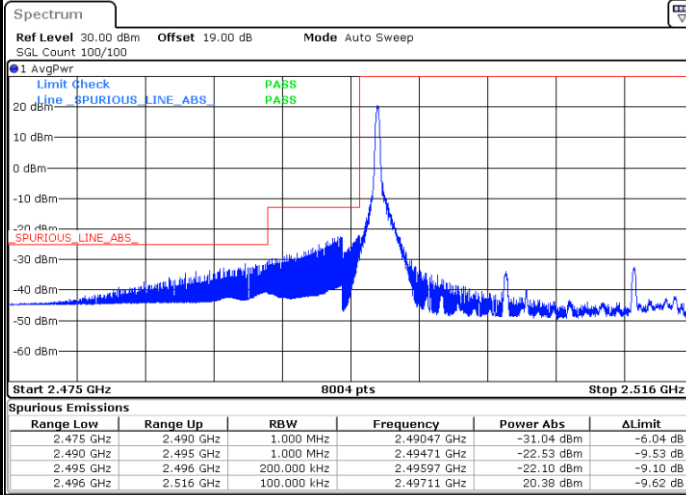
Highest Band Edge / Full RB





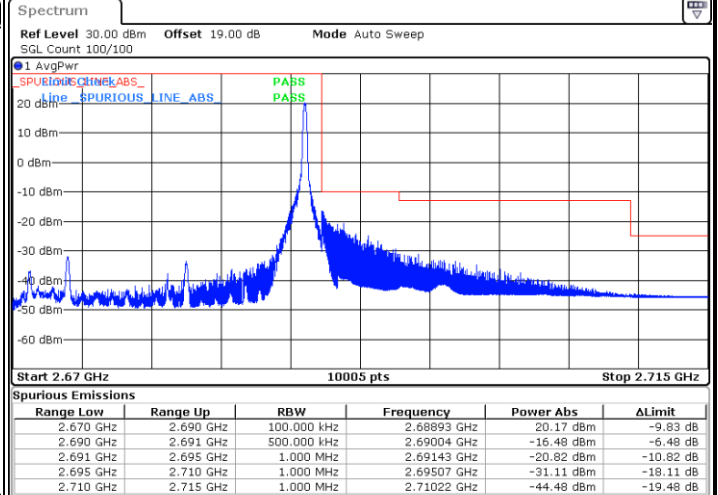
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



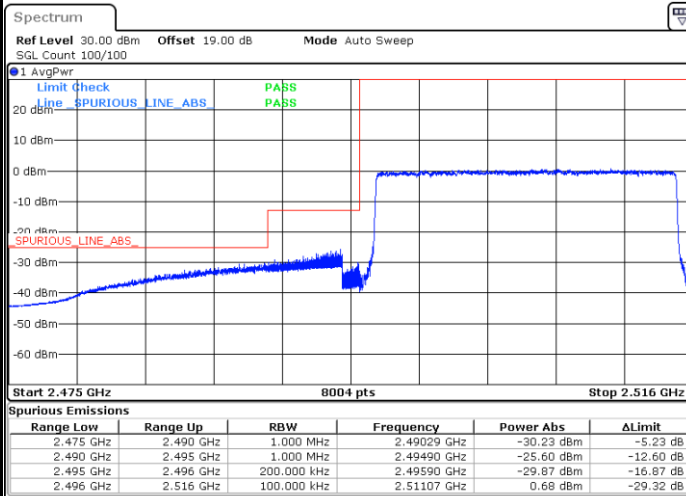
Date: 12.JUL.2025 19:41:07

Highest Band Edge / 1 RB



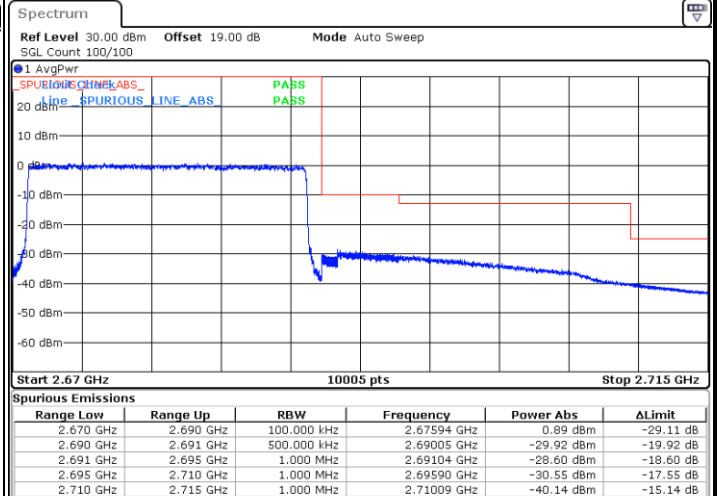
Date: 12.JUL.2025 19:52:55

Lowest Band Edge / Full RB



Date: 12.JUL.2025 19:44:26

Highest Band Edge / Full RB

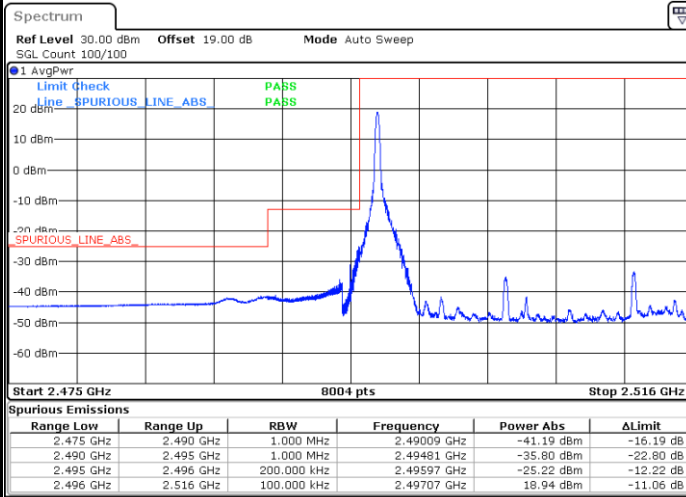


Date: 12.JUL.2025 19:56:13

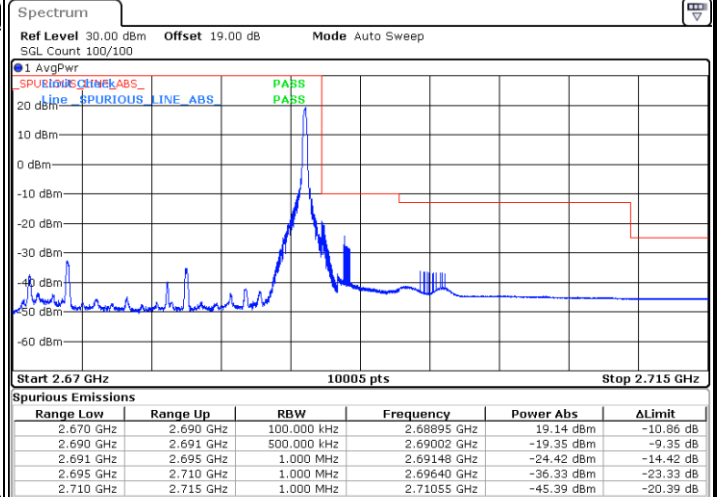


LTE Band 41 / 20MHz / 64QAM

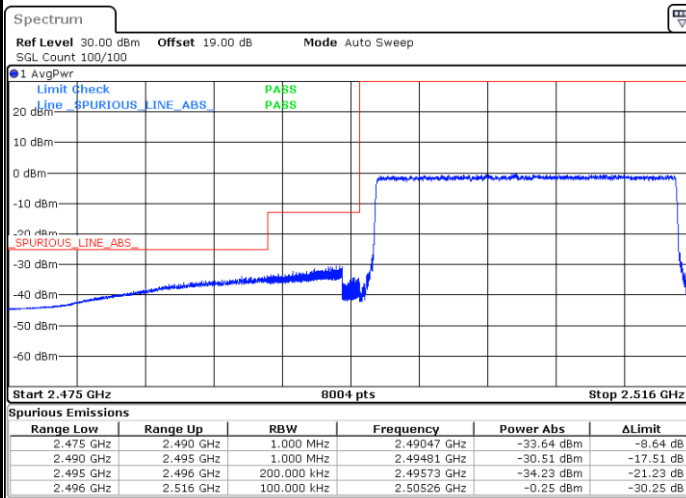
Lowest Band Edge / 1RB



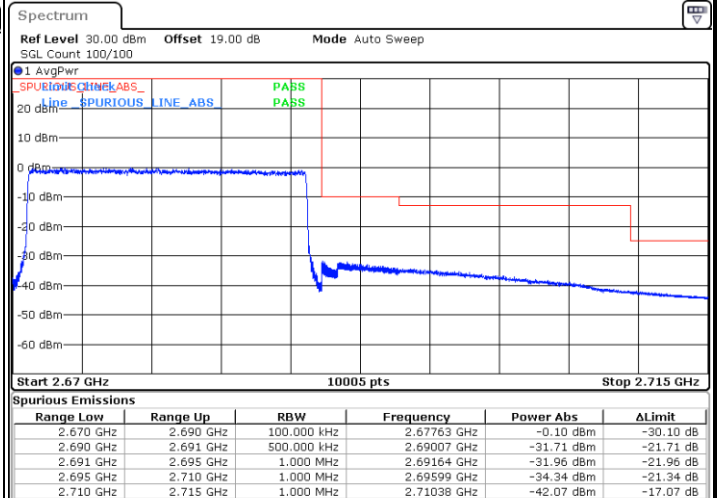
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

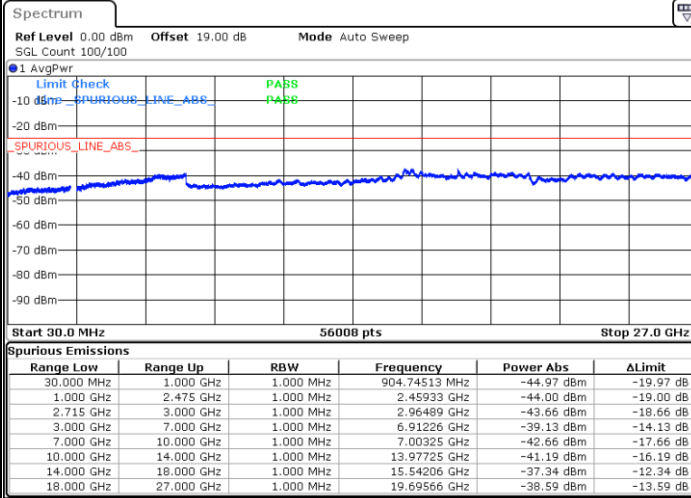




Conducted Spurious Emission

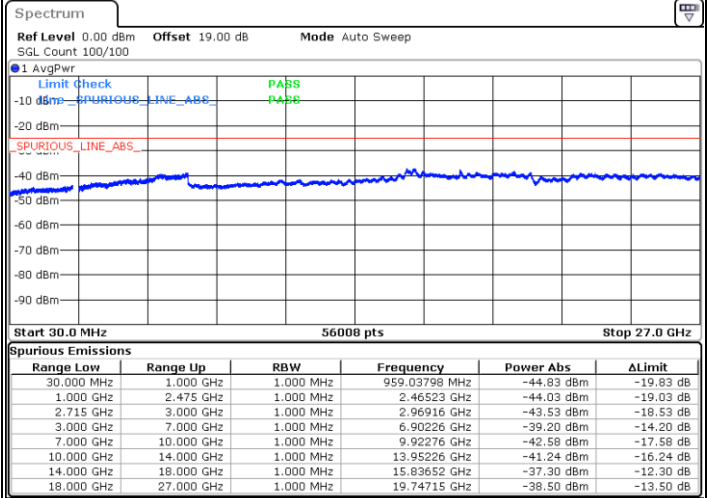
LTE Band 41 / 5MHz

Lowest Channel / QPSK



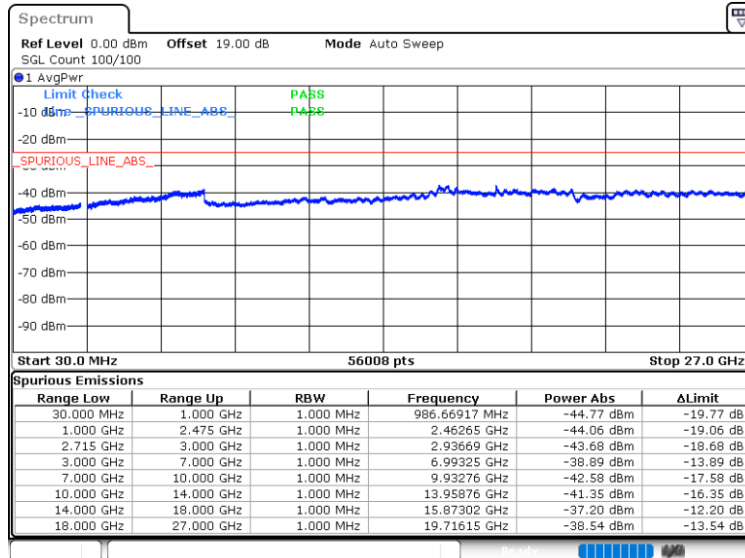
Date: 12.JUL.2025 18:49:44

Middle Channel / QPSK



Date: 12.JUL.2025 18:50:59

Highest Channel / QPSK

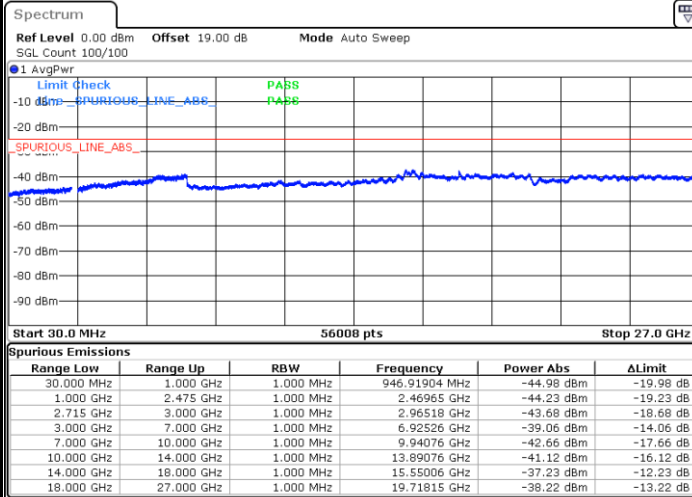


Date: 12.JUL.2025 19:00:09



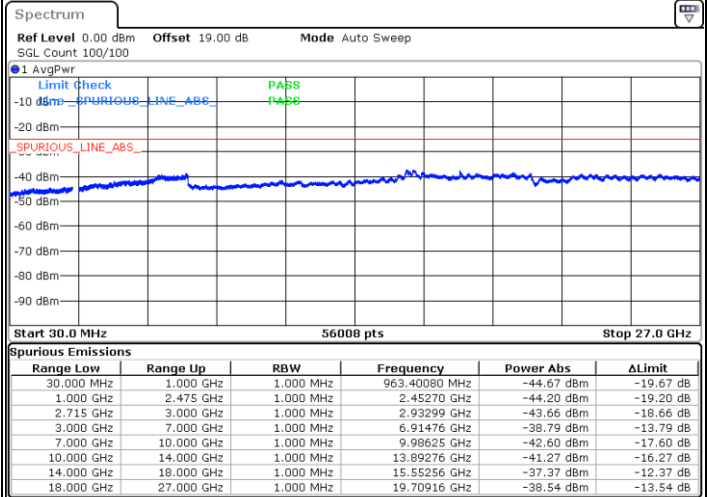
LTE Band 41 / 10MHz

Lowest Channel / QPSK



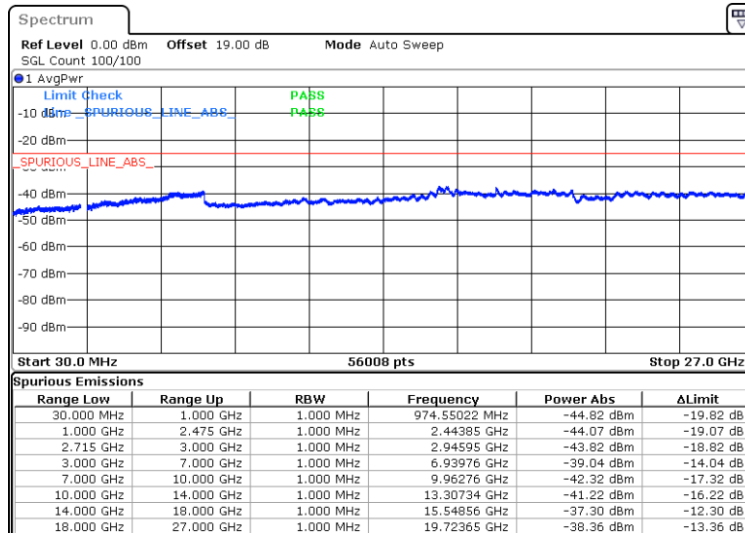
Date: 12.JUL.2025 19:08:45

Middle Channel / QPSK



Date: 12.JUL.2025 19:10:00

Highest Channel / QPSK

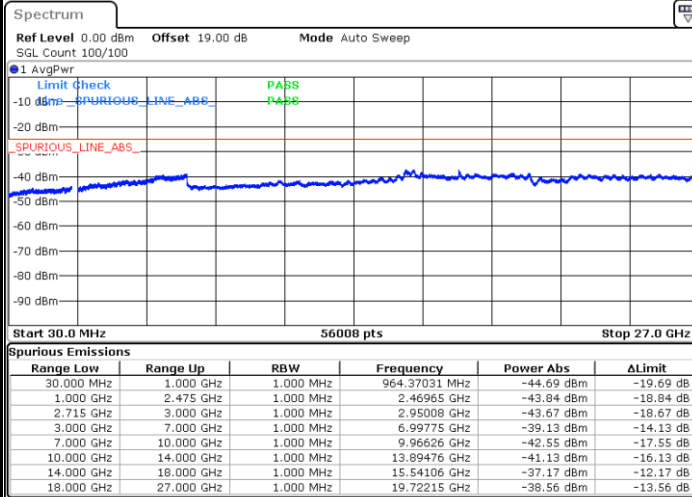


Date: 12.JUL.2025 19:19:11



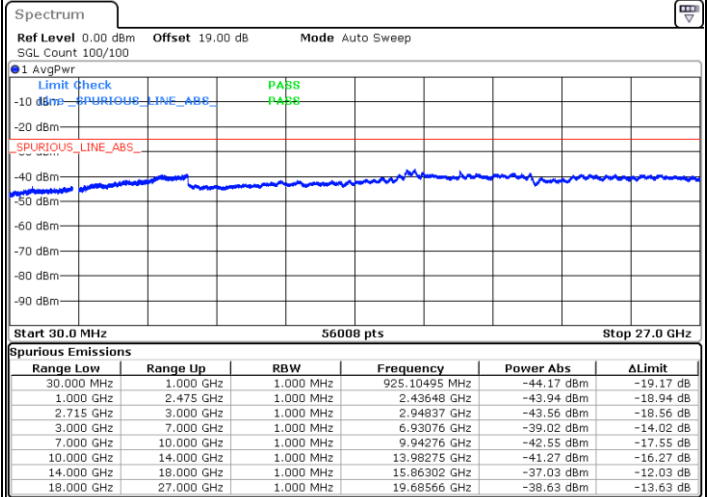
LTE Band 41 / 15MHz

Lowest Channel / QPSK



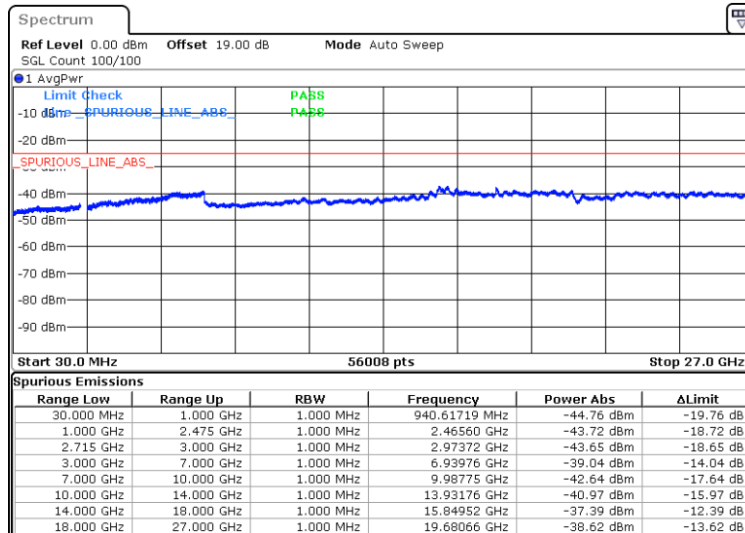
Date: 12.JUL.2025 19:27:46

Middle Channel / QPSK



Date: 12.JUL.2025 19:29:01

Highest Channel / QPSK

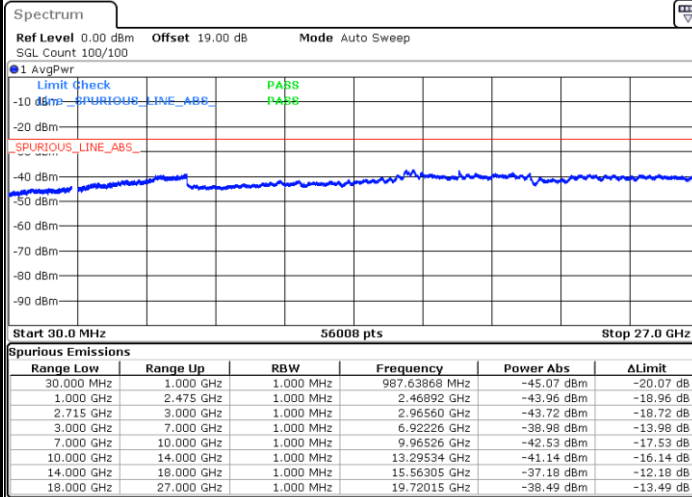


Date: 12.JUL.2025 19:38:11



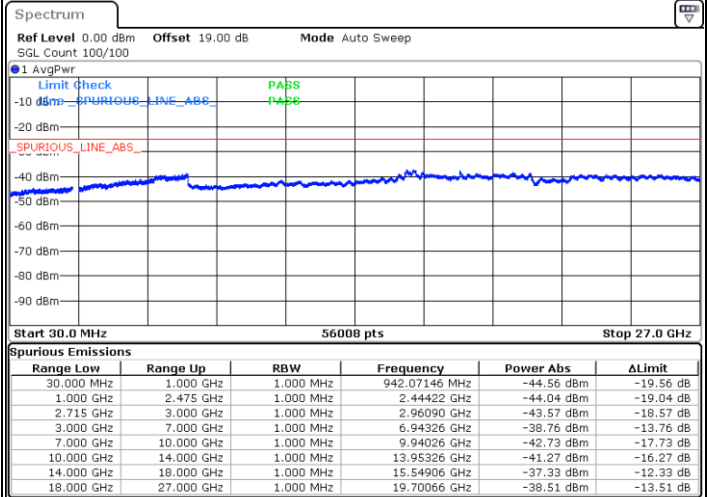
LTE Band 41 / 20MHz

Lowest Channel / QPSK



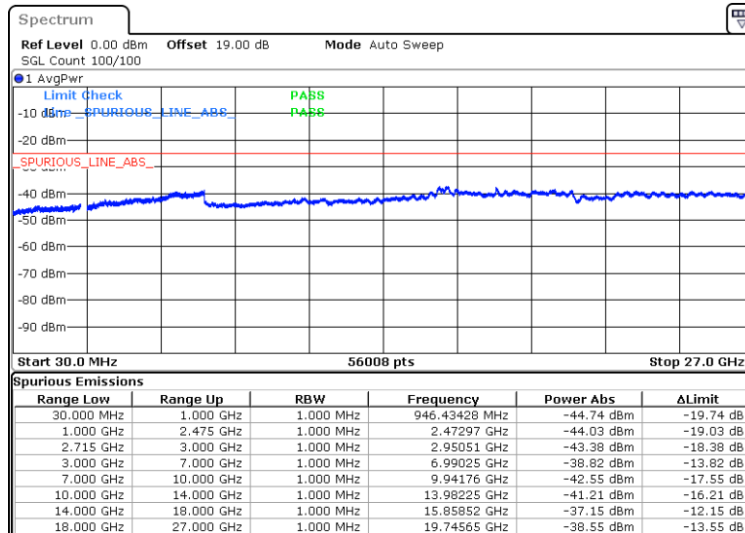
Date: 12.JUL.2025 19:46:48

Middle Channel / QPSK



Date: 12.JUL.2025 19:48:03

Highest Channel / QPSK



Date: 12.JUL.2025 19:58:35

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	0.0015	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.74 V. ; Maximum Voltage = 4.4 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	30.09	25.48	30.75	35.11
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	35.04	39.96	

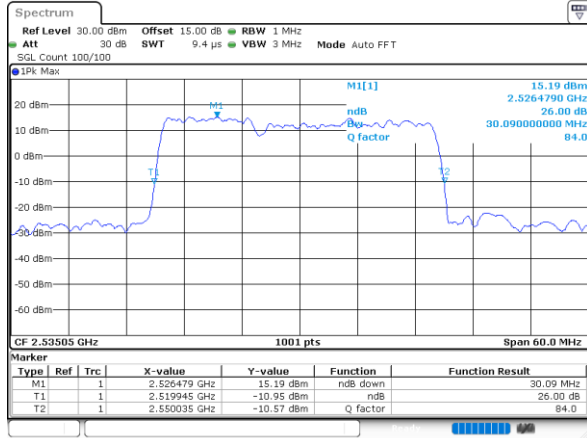
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.03	25.38	30.63	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.97	35.04	39.96	



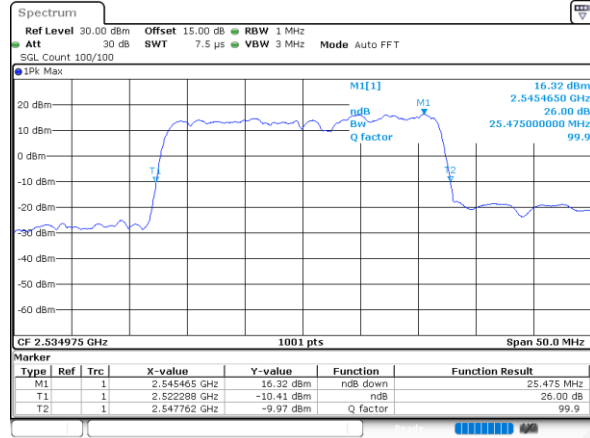
LTE Band 7C

QPSK

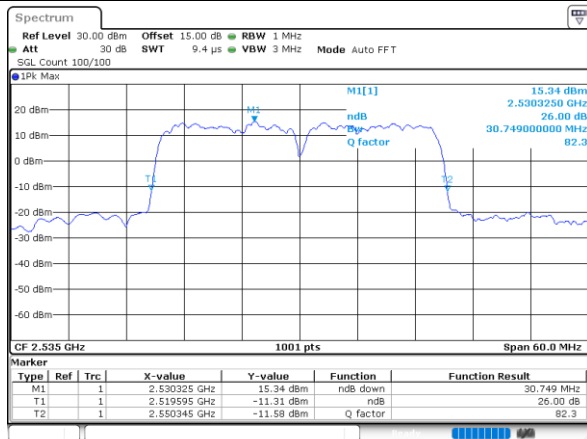
Middle Channel / 10MHz+20MHz



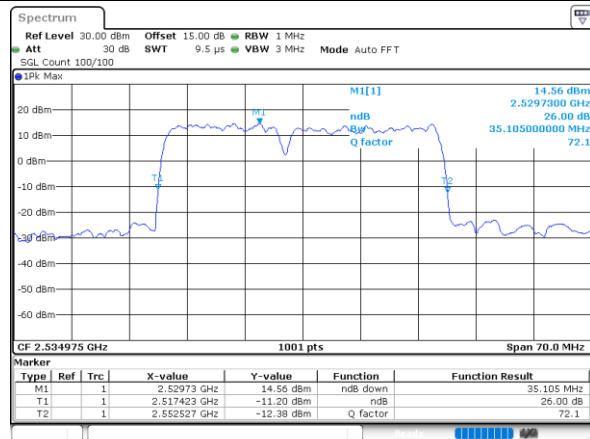
Middle Channel / 15MHz+10MHz



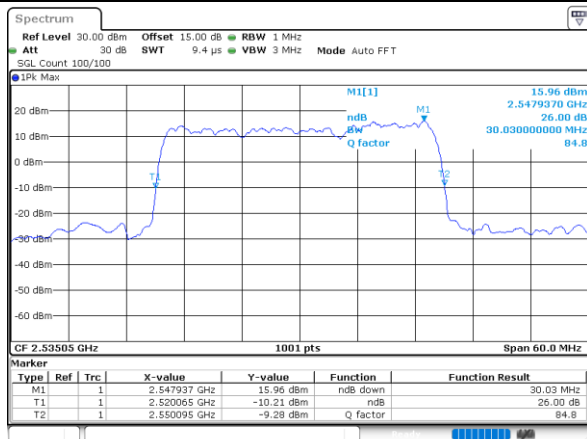
Middle Channel / 15MHz+15MHz



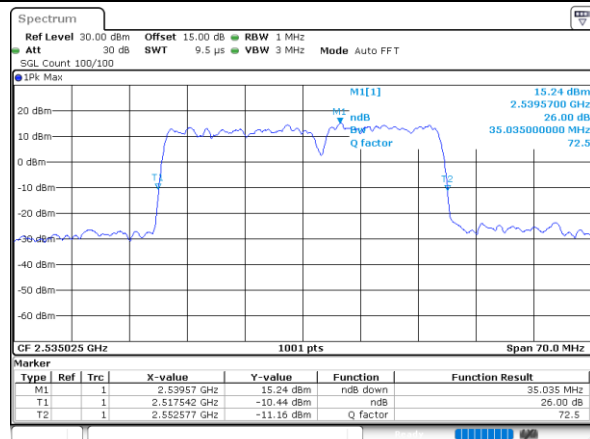
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



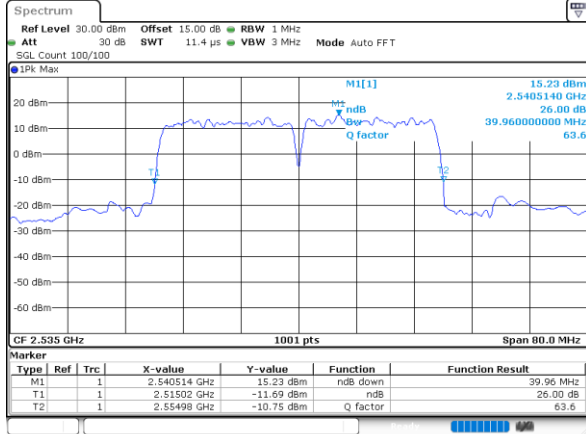


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



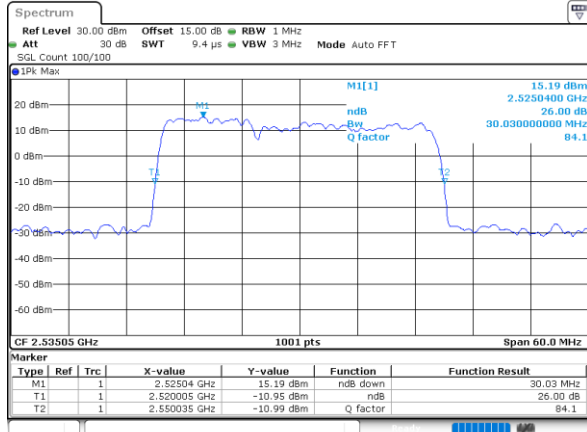
Date: 14-Jul-2025 09:33:44



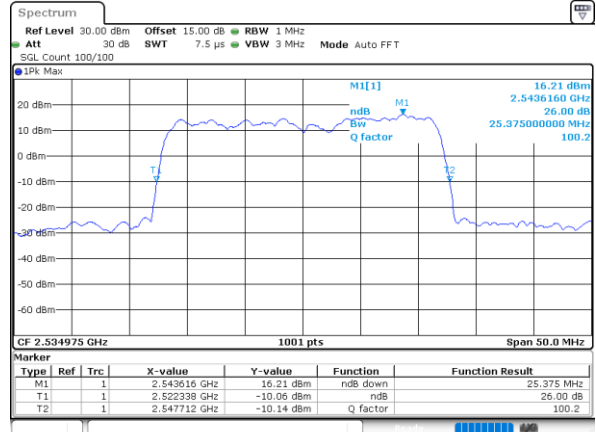
LTE Band 7C

16QAM

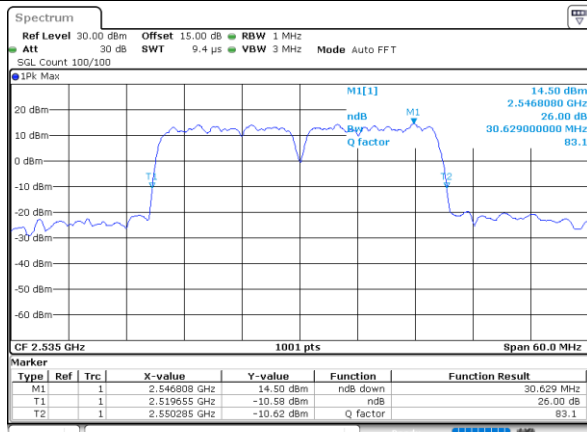
Middle Channel / 10MHz+20MHz



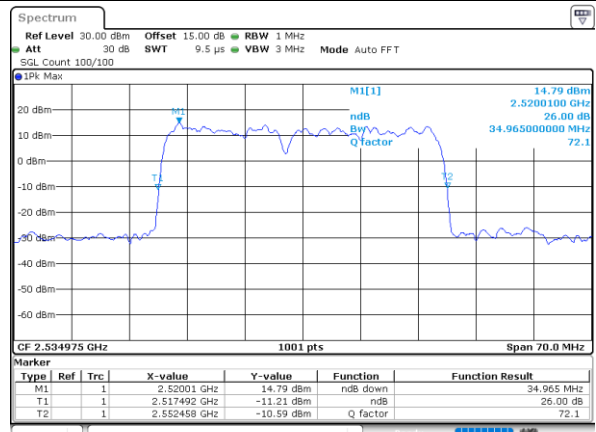
Middle Channel / 15MHz+10MHz



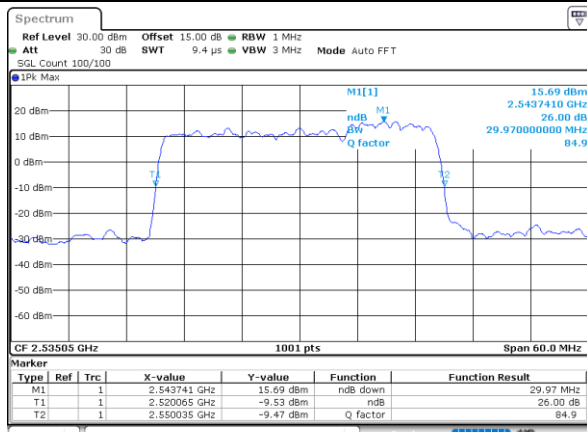
Middle Channel / 15MHz+15MHz



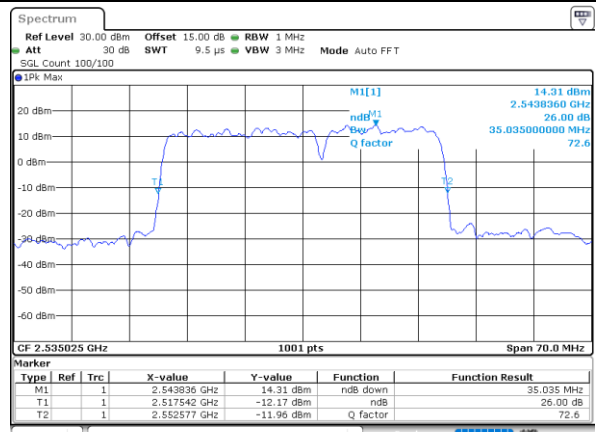
Middle Channel / 15MHz+20MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



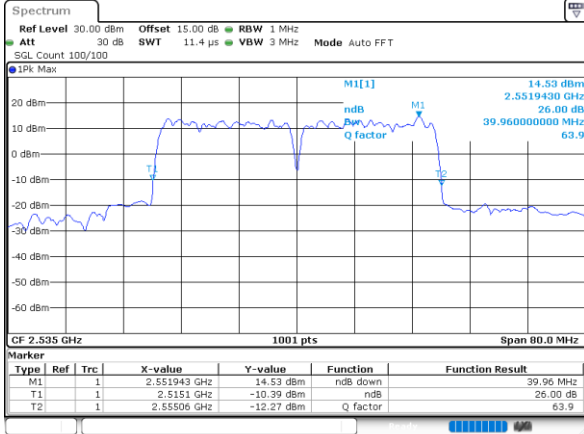


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 14-Jul-2025 09:34:11

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	28.65	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	28.11	32.80	37.72	

Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.05	23.38	28.83	33.08
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.80	37.72	