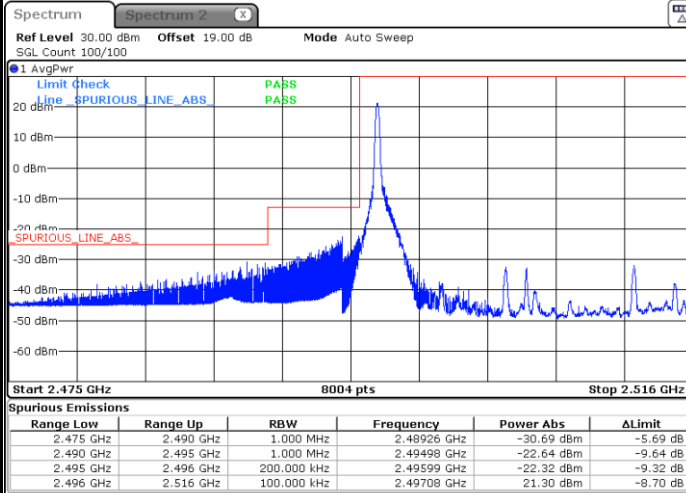




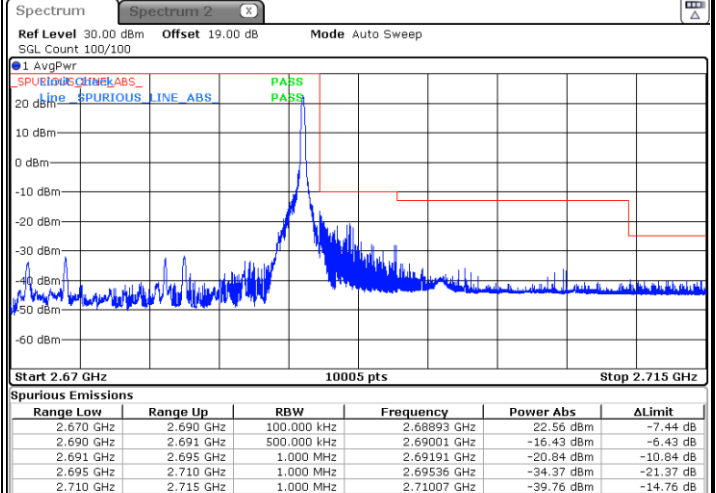
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



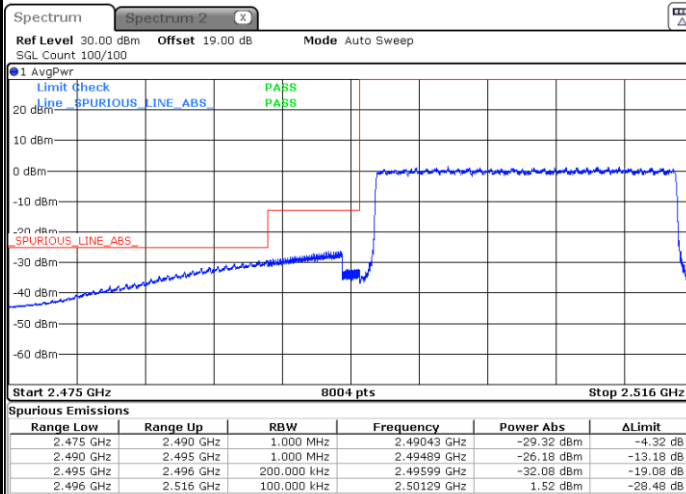
Date: 5 MAR 2025 13:44:16

Highest Band Edge / 1 RB



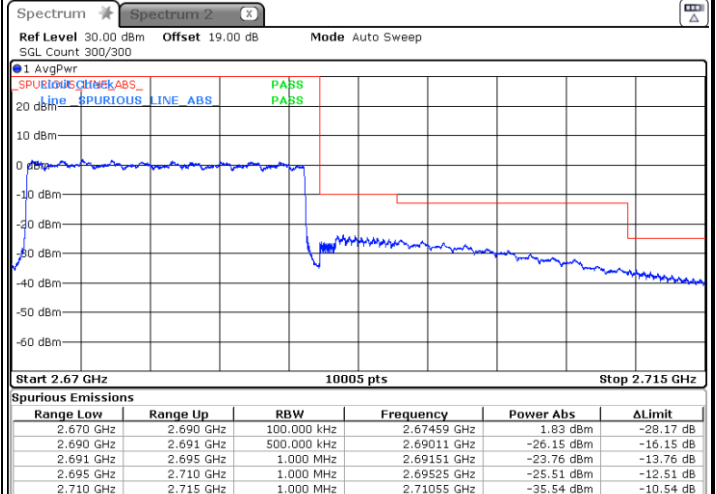
Date: 6 MAR 2025 11:58:09

Lowest Band Edge / Full RB



Date: 5 MAR 2025 13:45:03

Highest Band Edge / Full RB



Date: 6 MAR 2025 14:43:20

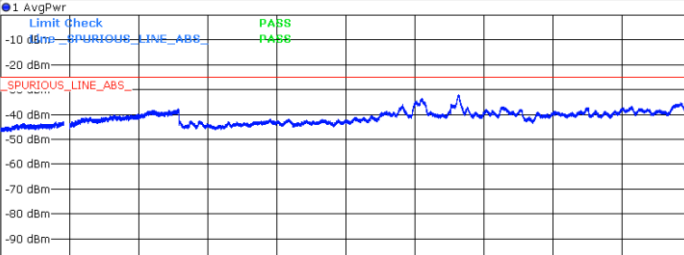


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

Start 30.0 MHz 56008 pts Stop 27.0 GHz

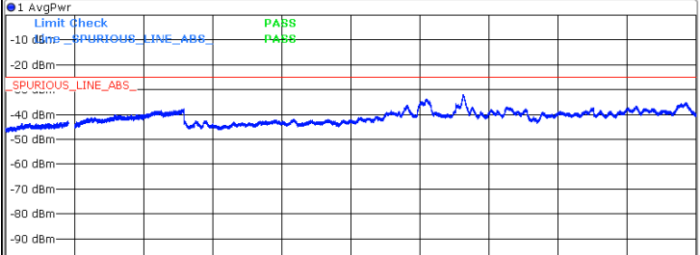
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	955.15992 MHz	-43.68 dBm	-18.68 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46744 GHz	-42.82 dBm	-17.82 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.95606 GHz	-42.64 dBm	-17.64 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.97325 GHz	-37.63 dBm	-12.63 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.45267 GHz	-42.47 dBm	-17.47 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88026 GHz	-41.16 dBm	-16.16 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.93226 GHz	-32.20 dBm	-7.20 dB
18.000 GHz	27.000 GHz	1.000 MHz	26.59377 GHz	-35.32 dBm	-10.32 dB

Date: 4.MAR.2025 15:06:43

Middle Channel / QPSK

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

Start 30.0 MHz 56008 pts Stop 27.0 GHz

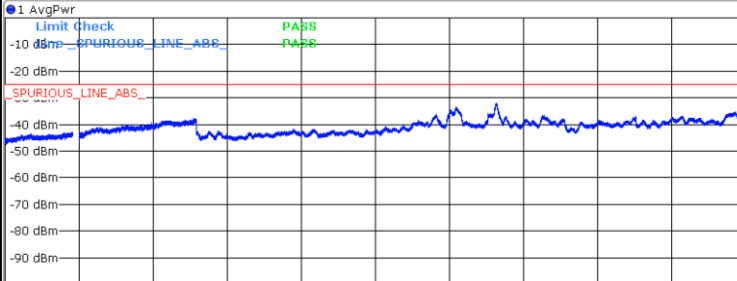
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	642.00650 MHz	-43.66 dBm	-18.66 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.45565 GHz	-42.64 dBm	-17.64 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.98839 GHz	-42.60 dBm	-17.60 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.99775 GHz	-37.59 dBm	-12.59 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.45867 GHz	-42.50 dBm	-17.50 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.89276 GHz	-41.03 dBm	-16.03 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.92126 GHz	-32.05 dBm	-7.05 dB
18.000 GHz	27.000 GHz	1.000 MHz	26.60527 GHz	-35.37 dBm	-10.37 dB

Date: 4.MAR.2025 15:08:04

Highest Channel / QPSK

Spectrum

Ref Level 0.00 dBm Offset 19.00 dB Mode Auto Sweep
SGL Count 100/100

Start 30.0 MHz 56008 pts Stop 27.0 GHz

Spurious Emissions

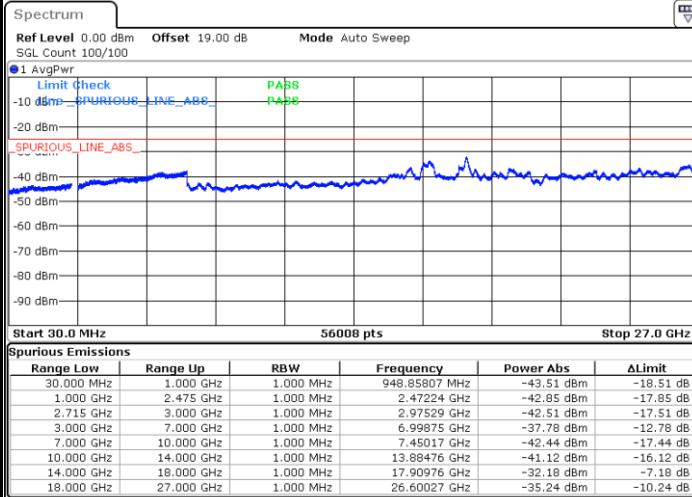
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	973.58071 MHz	-43.65 dBm	-18.65 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47482 GHz	-42.85 dBm	-17.85 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.96817 GHz	-42.40 dBm	-17.40 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.88276 GHz	-37.67 dBm	-12.67 dB
7.000 GHz	10.000 GHz	1.000 MHz	7.02625 GHz	-42.46 dBm	-17.46 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.88376 GHz	-40.95 dBm	-15.95 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.91226 GHz	-31.89 dBm	-6.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00675 GHz	-35.20 dBm	-10.20 dB

Date: 4.MAR.2025 15:18:50



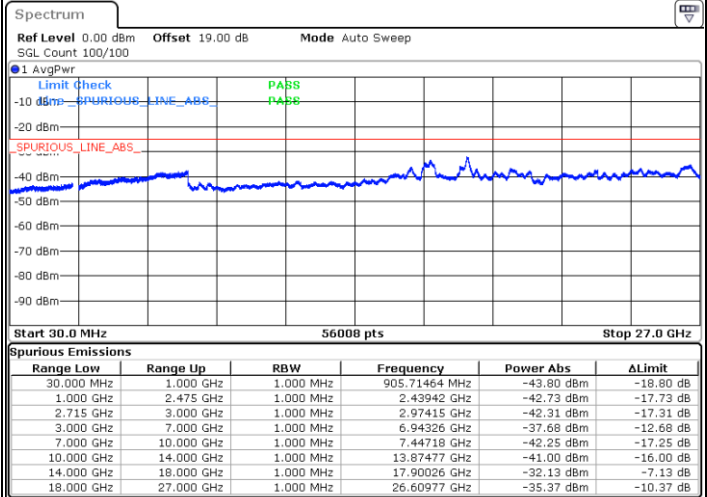
LTE Band 41 / 10MHz

Lowest Channel / QPSK



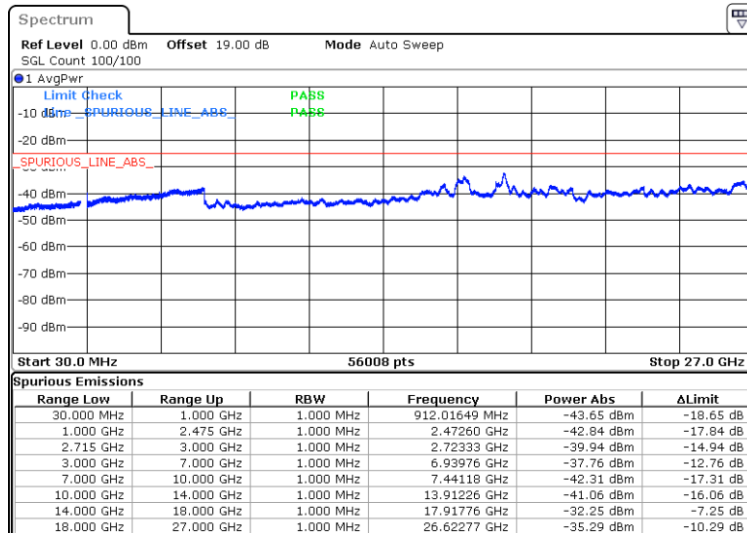
Date: 4.MAR.2025 15:27:47

Middle Channel / QPSK



Date: 4.MAR.2025 15:29:08

Highest Channel / QPSK

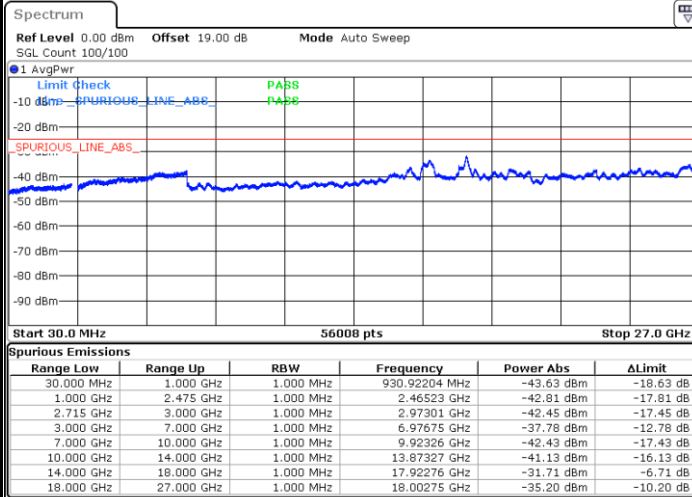


Date: 4.MAR.2025 15:37:48



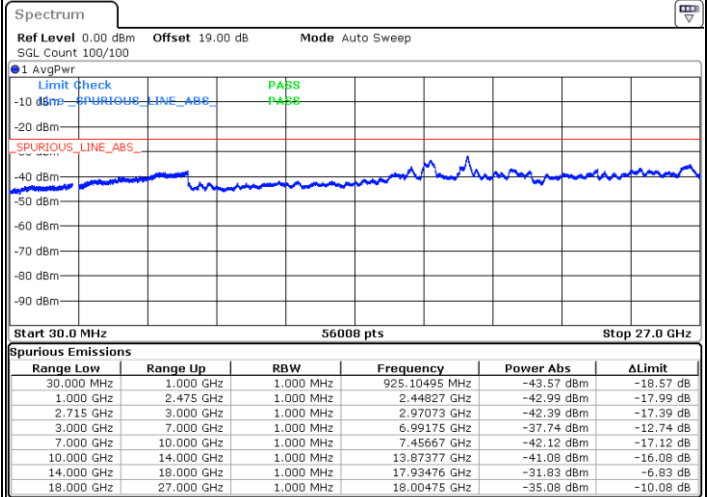
LTE Band 41 / 15MHz

Lowest Channel / QPSK



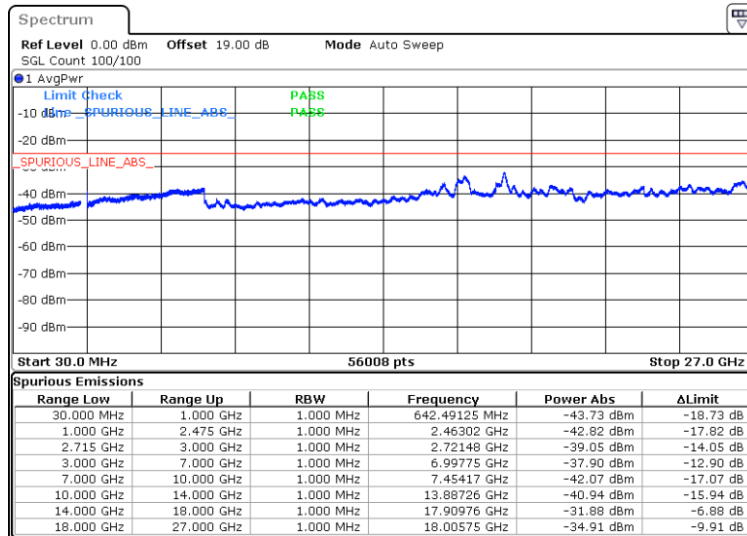
Date: 5.MAR.2025 07:27:12

Middle Channel / QPSK



Date: 5.MAR.2025 07:28:31

Highest Channel / QPSK

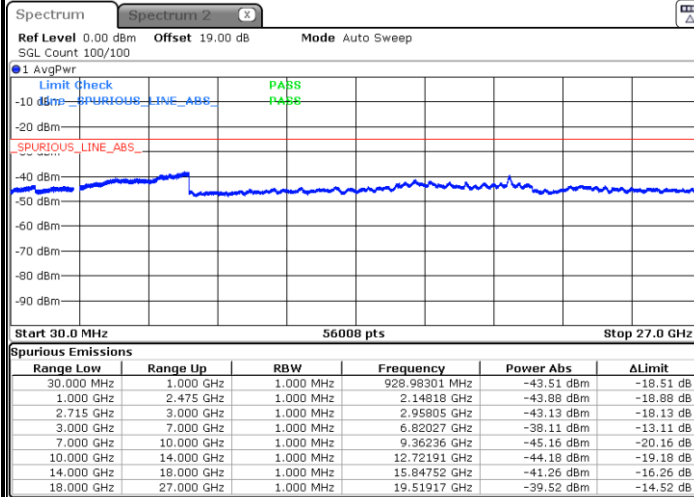


Date: 5.MAR.2025 07:37:56



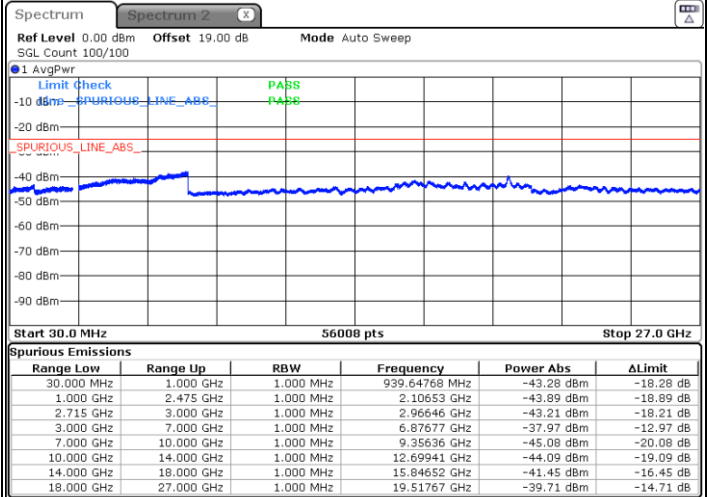
LTE Band 41 / 20MHz

Lowest Channel / QPSK



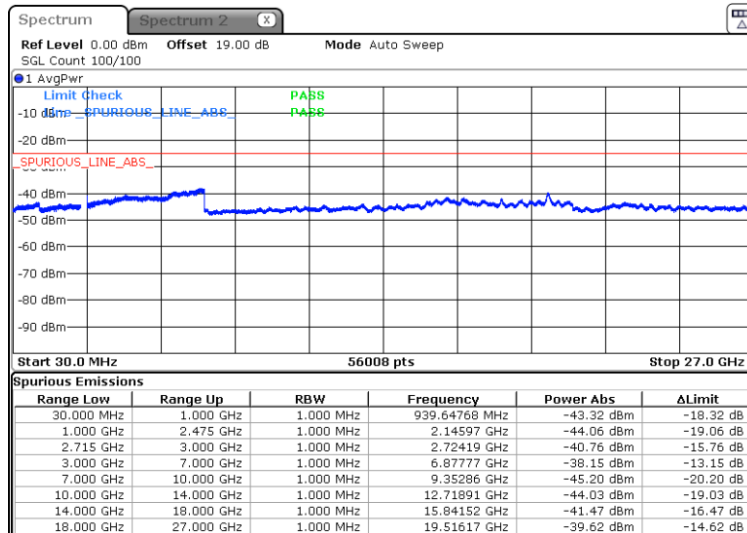
Date: 5 MAR 2025 13:47:48

Middle Channel / QPSK



Date: 5 MAR 2025 13:48:58

Highest Channel / QPSK



Date: 5 MAR 2025 13:58:06

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	0.0007	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0100	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0103	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.45 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41C

26dB Bandwidth

Mode	LTE Band 41C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.88	25.03	29.79	25.18	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.88	29.91	34.83	39.72

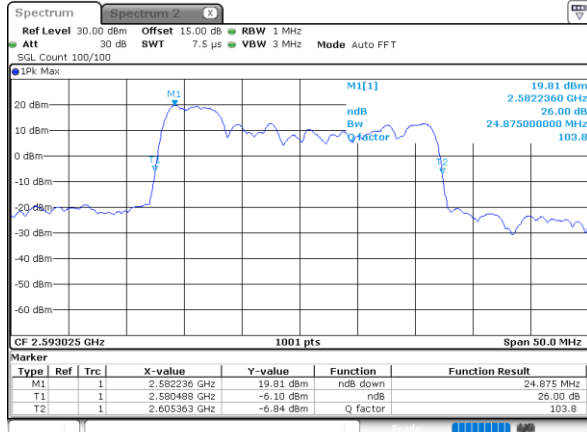
Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.68	25.03	29.97	24.98	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	25.03	29.91	35.04	39.56



LTE Band 41C

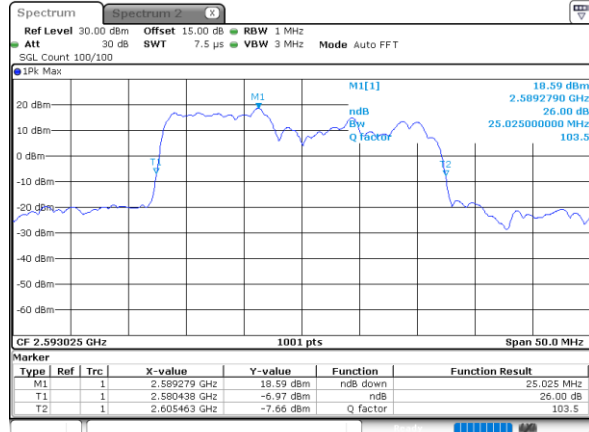
QPSK

Middle Channel / 5MHz+20MHz



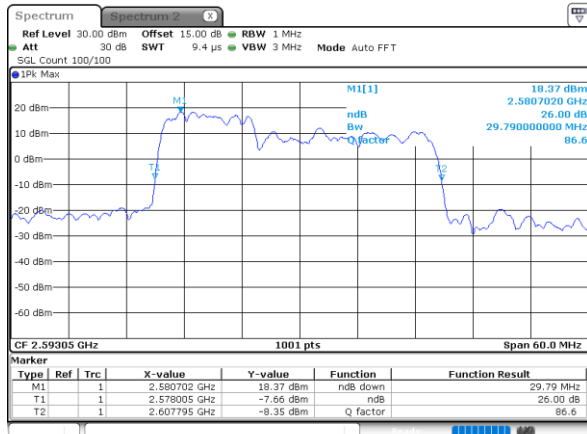
Date: 6.MAR.2025 09:27:15

Middle Channel / 10MHz+15MHz



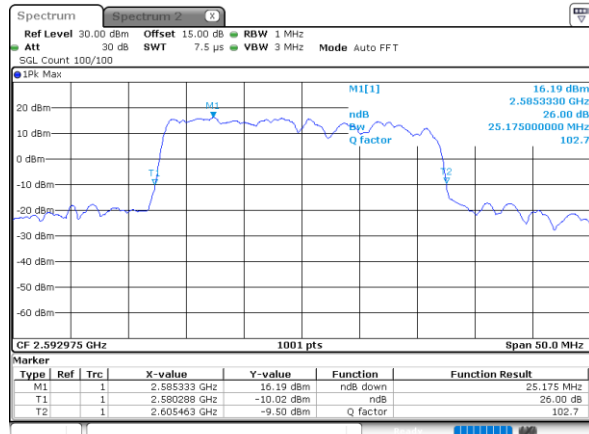
Date: 6.MAR.2025 09:31:37

Middle Channel / 10MHz+20MHz



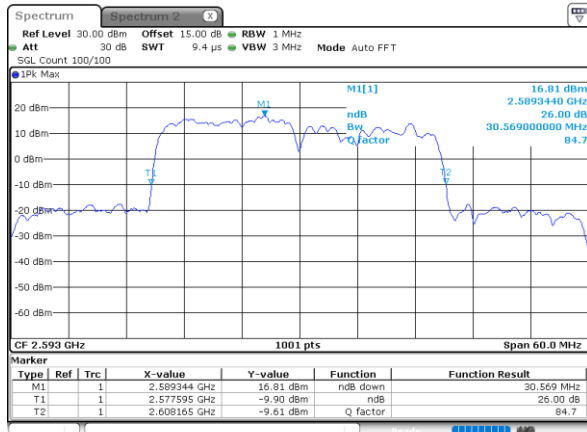
Date: 6.MAR.2025 09:35:48

Middle Channel / 15MHz+10MHz



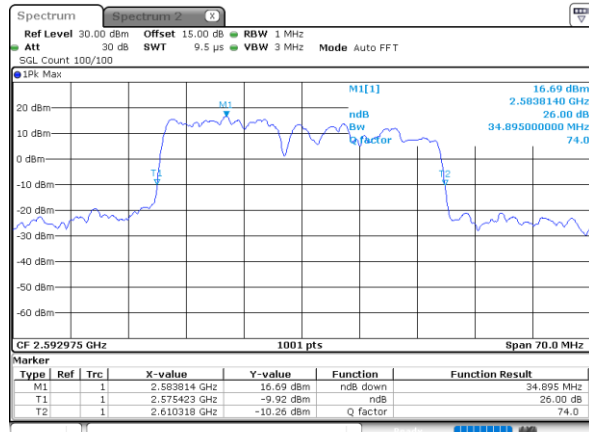
Date: 6.MAR.2025 09:33:44

Middle Channel / 15MHz+15MHz



Date: 6.MAR.2025 09:43:28

Middle Channel / 15MHz+20MHz



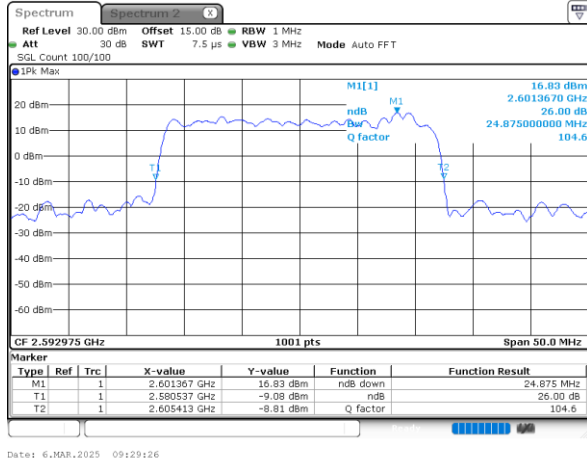
Date: 6.MAR.2025 09:45:39



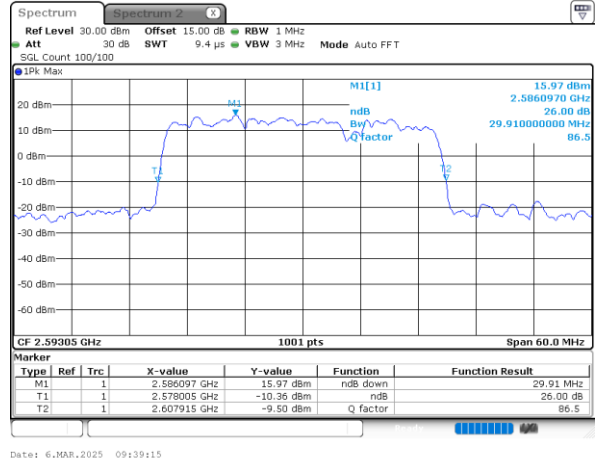
LTE Band 41C

QPSK

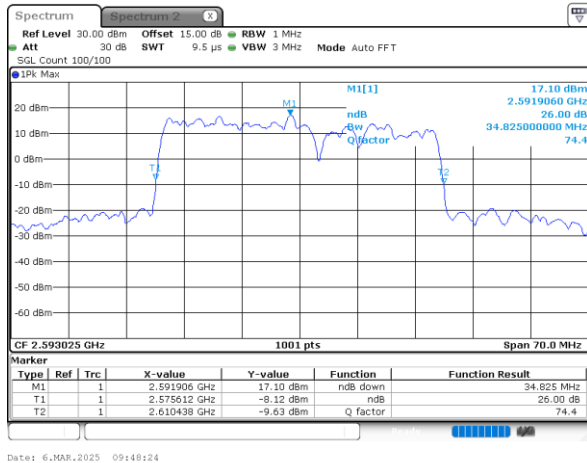
Middle Channel / 20MHz+5MHz



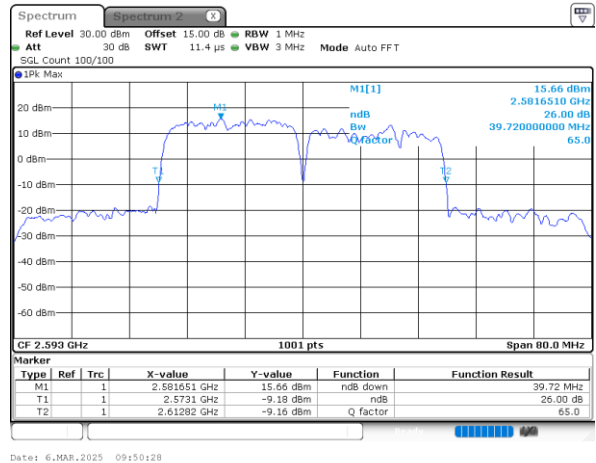
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

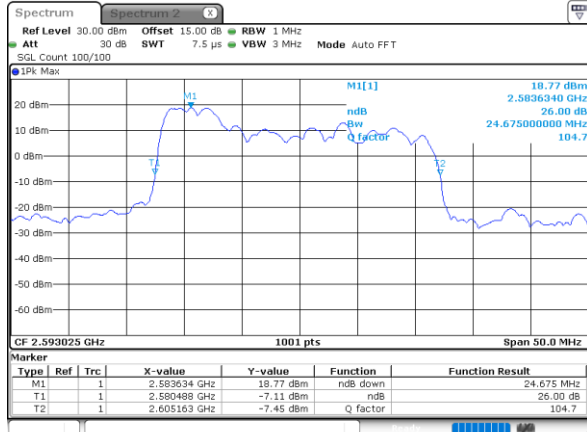




LTE Band 41C

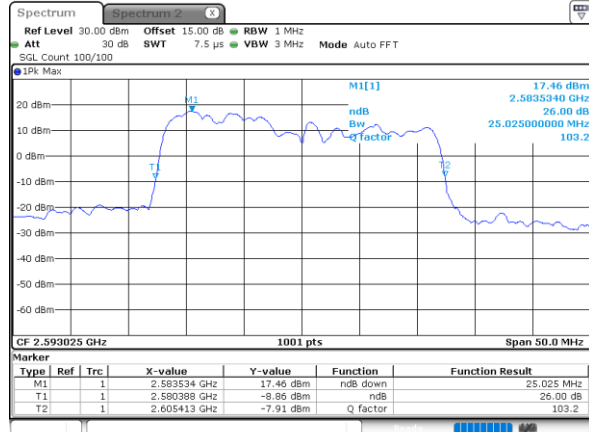
16QAM

Middle Channel / 5MHz+20MHz



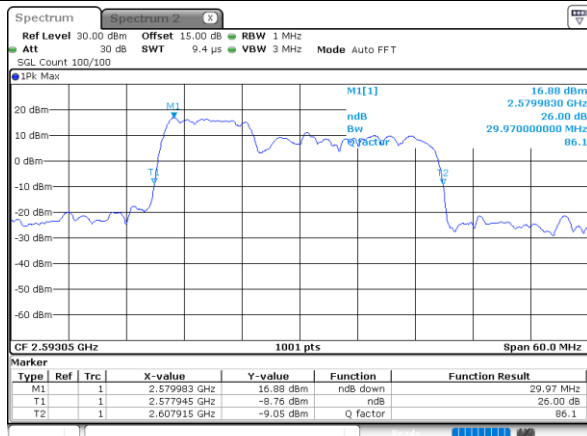
Date: 6.MAR.2025 09:27:45

Middle Channel / 10MHz+15MHz



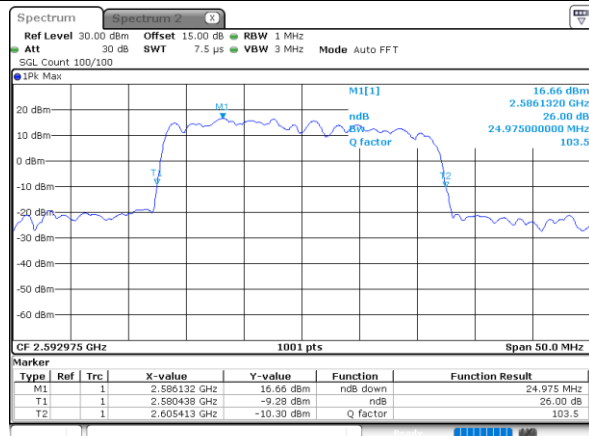
Date: 6.MAR.2025 09:32:06

Middle Channel / 10MHz+20MHz



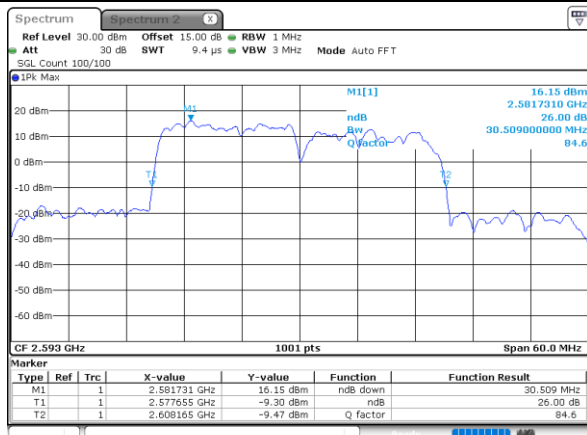
Date: 6.MAR.2025 09:54:30

Middle Channel / 15MHz+10MHz



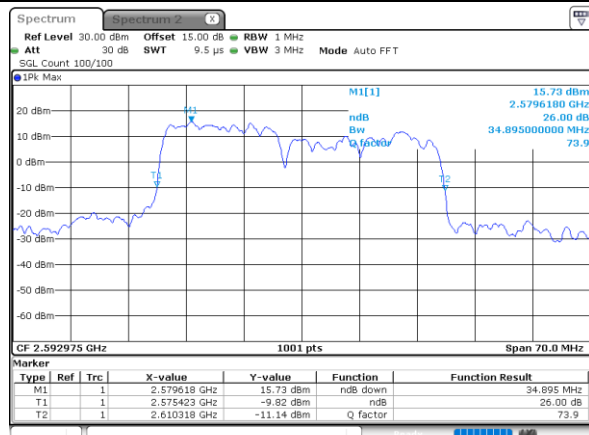
Date: 6.MAR.2025 09:34:14

Middle Channel / 15MHz+15MHz



Date: 6.MAR.2025 09:43:56

Middle Channel / 15MHz+20MHz



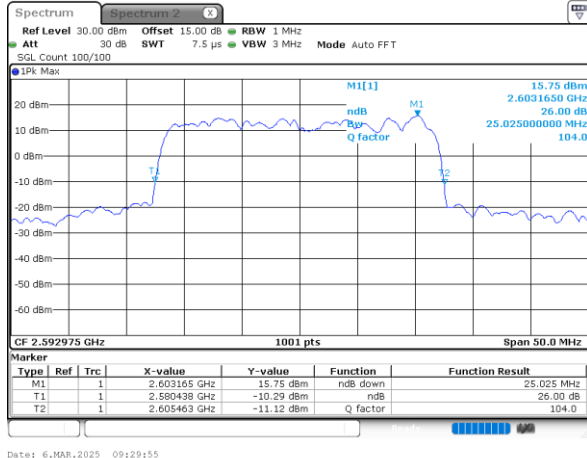
Date: 6.MAR.2025 09:46:08



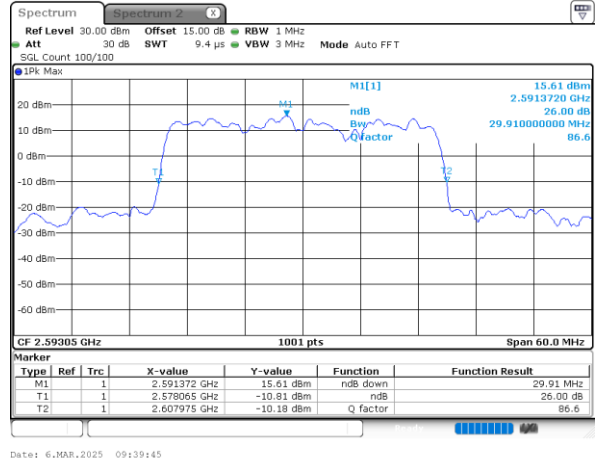
LTE Band 41C

16QAM

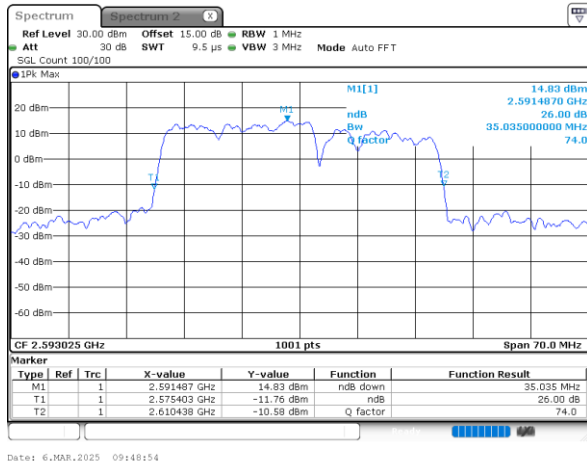
Middle Channel / 20MHz+5MHz



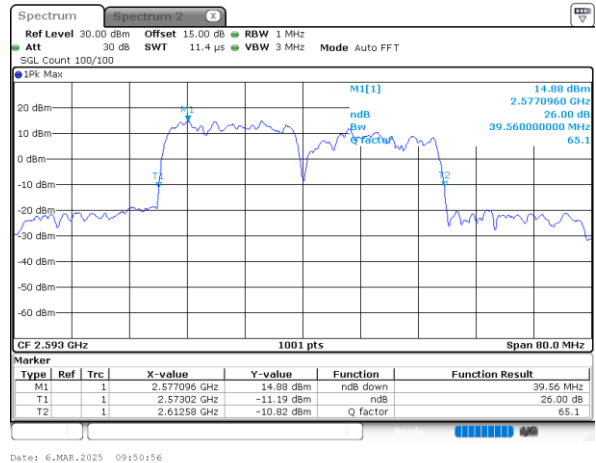
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



**Occupied Bandwidth**

Mode	LTE Band 41C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.28	23.13	28.05	23.63	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.87	23.33	27.93	33.08	37.56

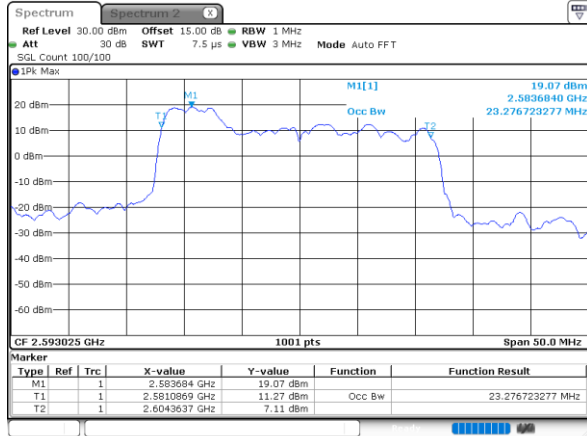
Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.98	23.18	27.63	23.58	28.35
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.87	23.13	27.87	32.24	37.80



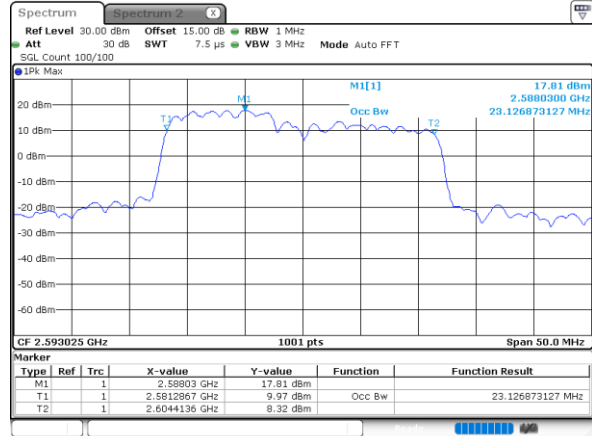
LTE Band 41C

QPSK

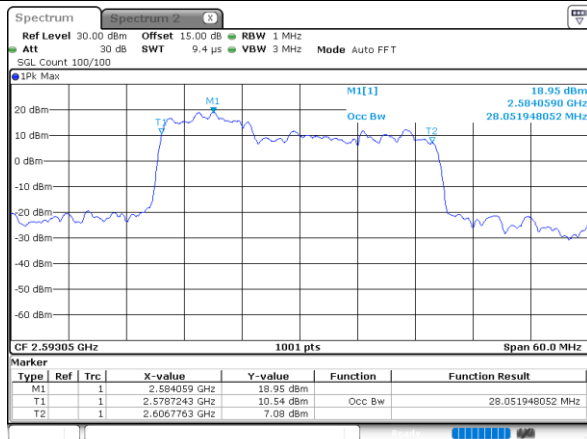
Middle Channel / 5MHz+20MHz



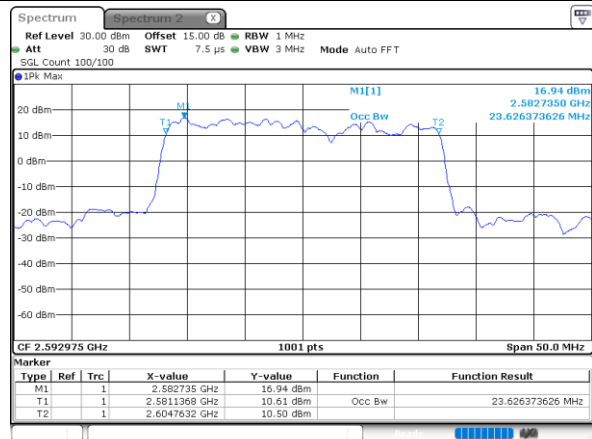
Middle Channel / 10MHz+15MHz



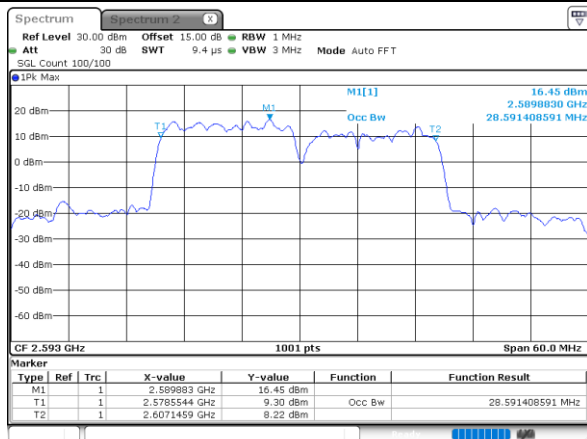
Middle Channel / 10MHz+20MHz



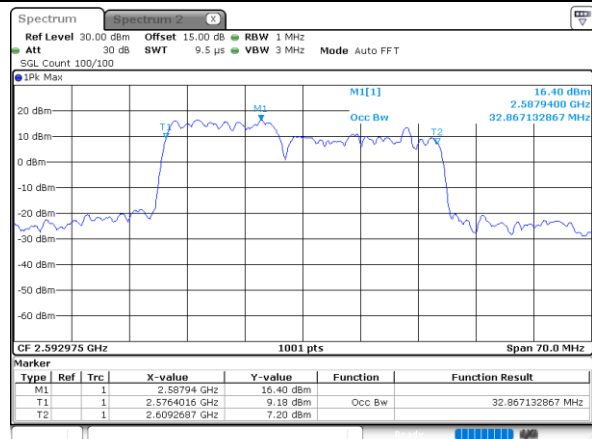
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

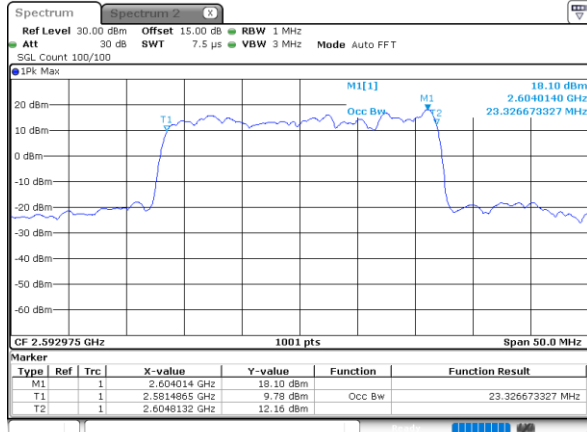




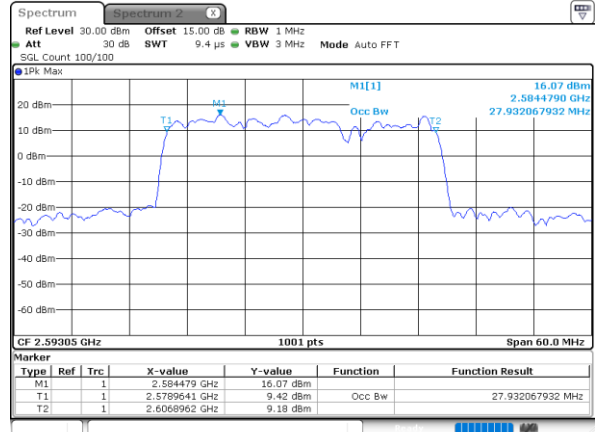
LTE Band 41C

QPSK

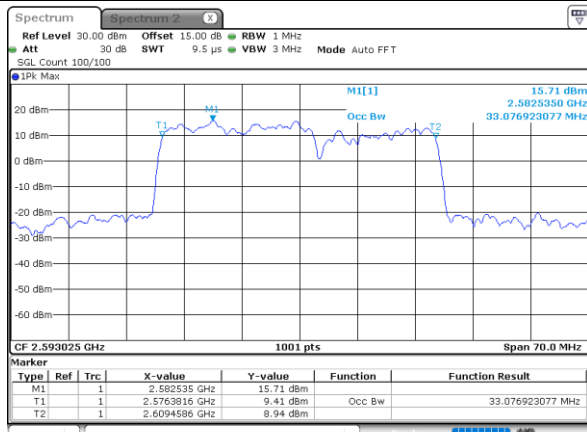
Middle Channel / 20MHz+5MHz



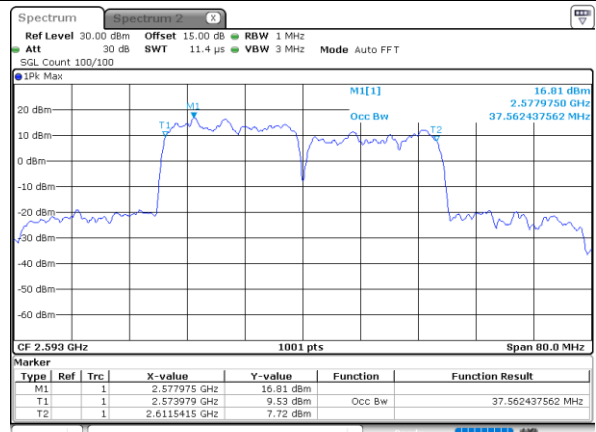
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

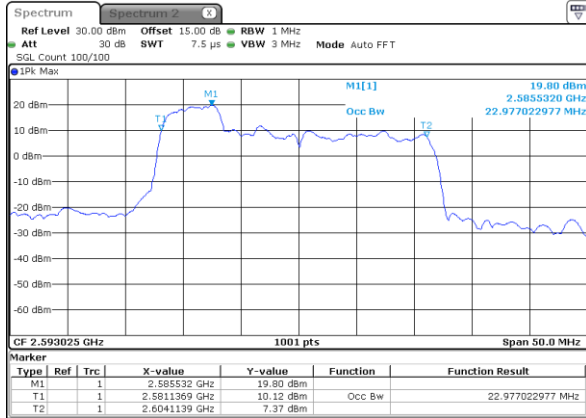




LTE Band 41C

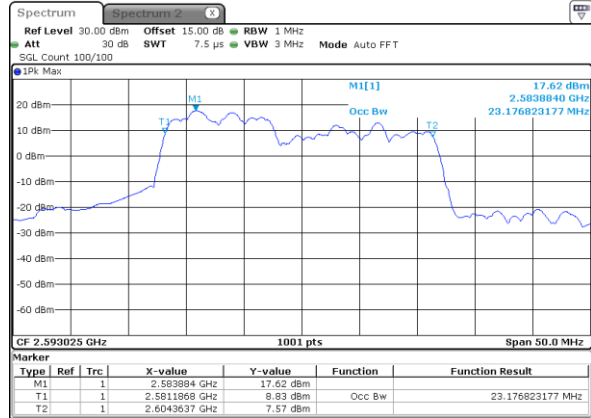
16QAM

Middle Channel / 5MHz+20MHz



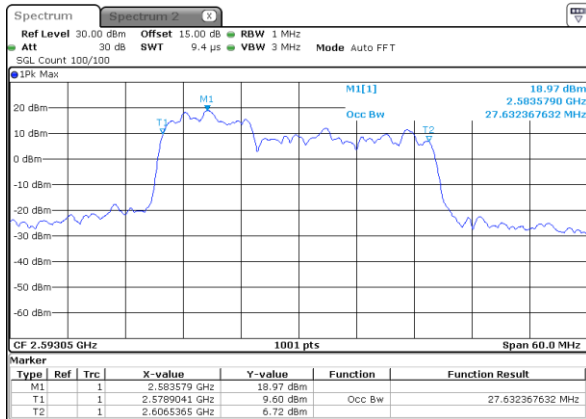
Date: 6.MAR.2025 09:28:14

Middle Channel / 10MHz+15MHz



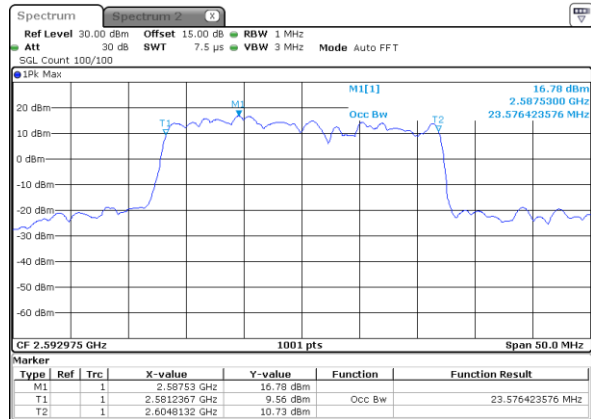
Date: 6.MAR.2025 09:32:36

Middle Channel / 10MHz+20MHz



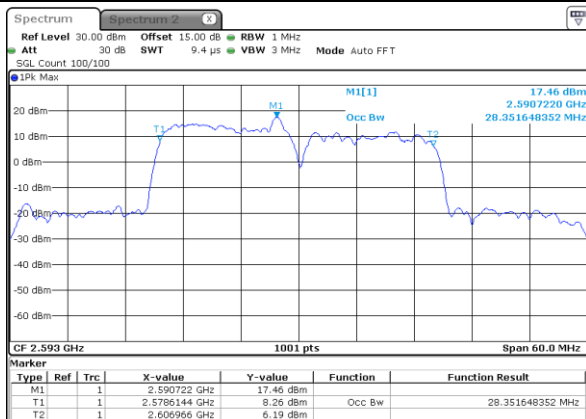
Date: 6.MAR.2025 09:36:48

Middle Channel / 15MHz+10MHz



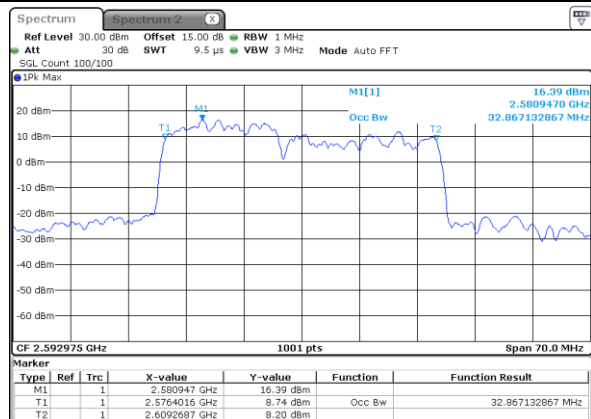
Date: 6.MAR.2025 09:34:43

Middle Channel / 15MHz+15MHz



Date: 6.MAR.2025 09:44:23

Middle Channel / 15MHz+20MHz



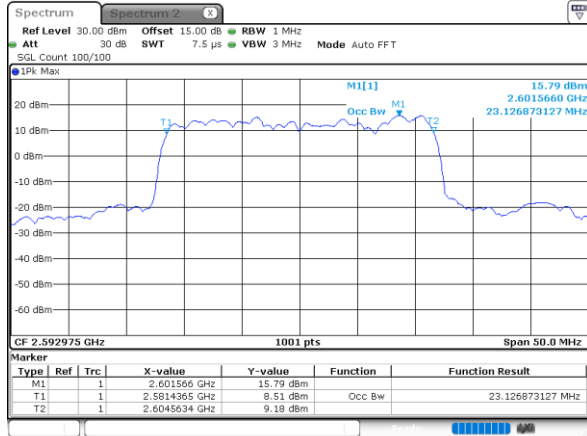
Date: 6.MAR.2025 09:46:38



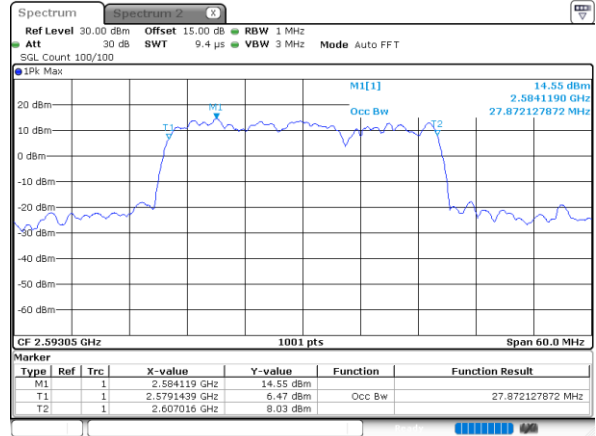
LTE Band 41C

16QAM

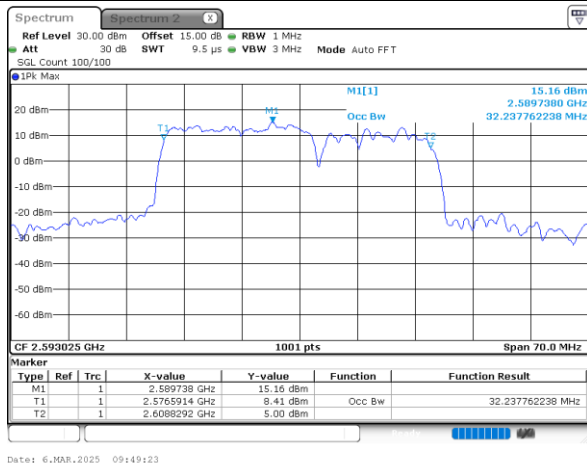
Middle Channel / 20MHz+5MHz



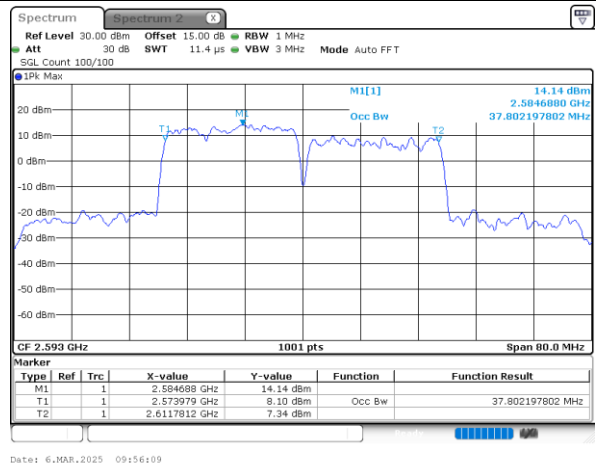
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



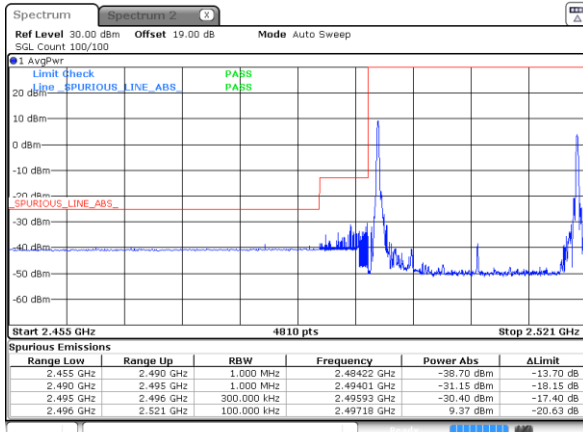


Conducted Band Edge

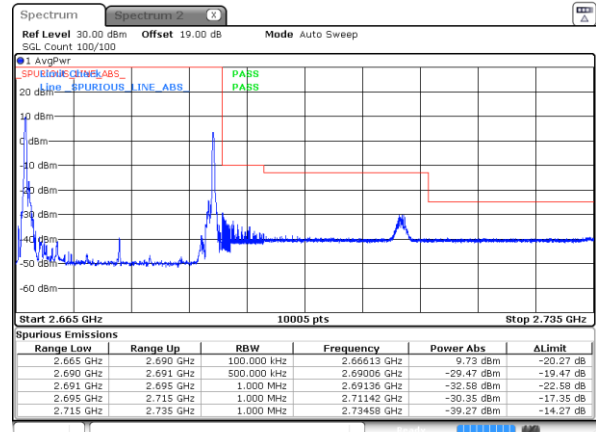
LTE Band 41C / 5MHz+20MHz

QPSK

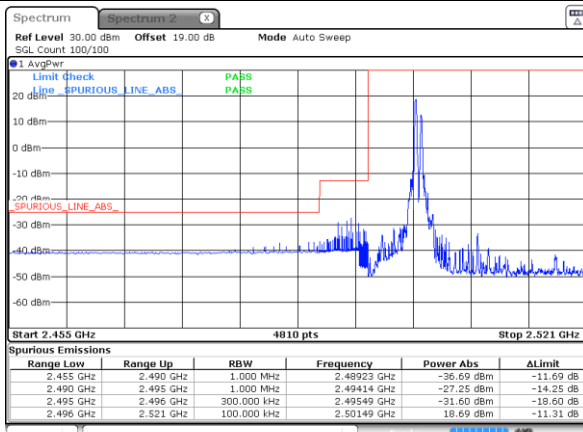
Lowest Band Edge / 1RB0 and 1RB99



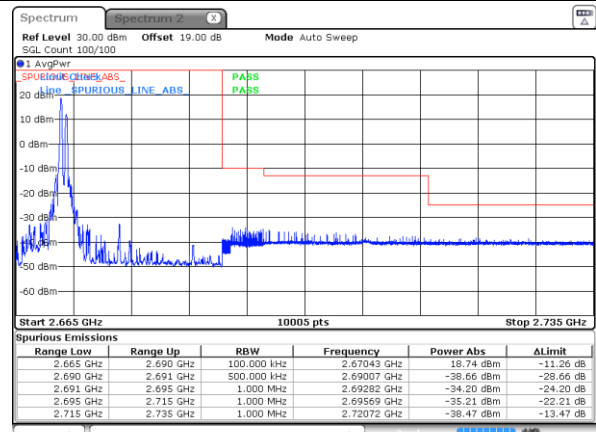
Highest Band Edge / 1RB0 and 1RB99



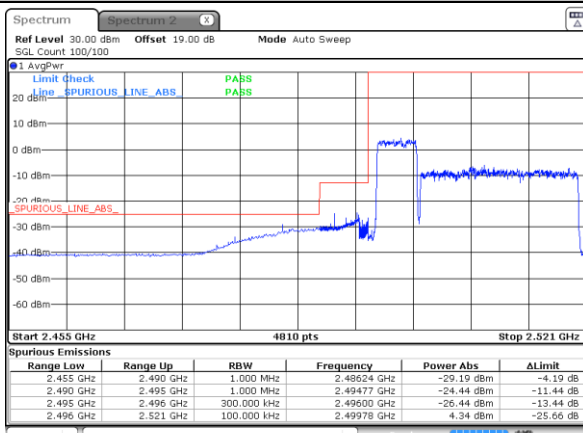
Lowest Band Edge / 1RB24 and 1RB0



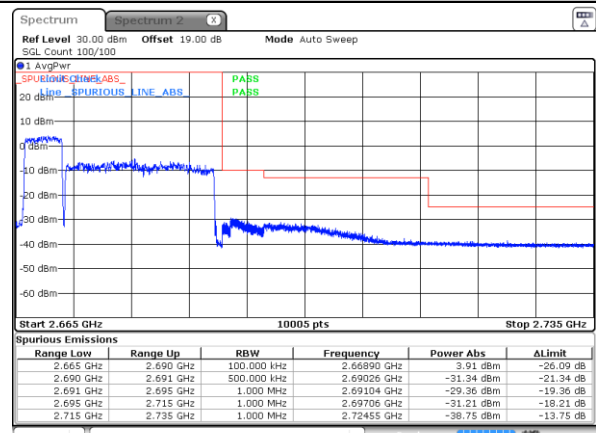
Highest Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

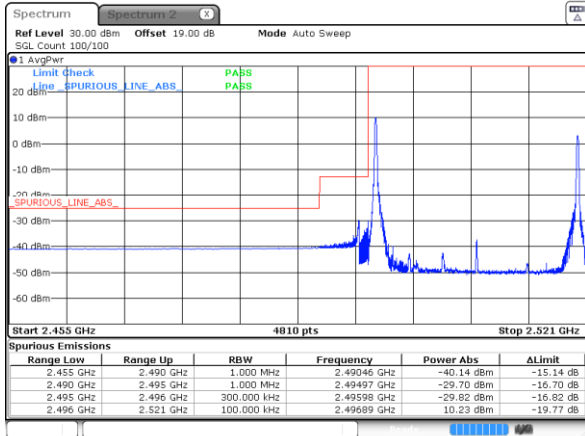




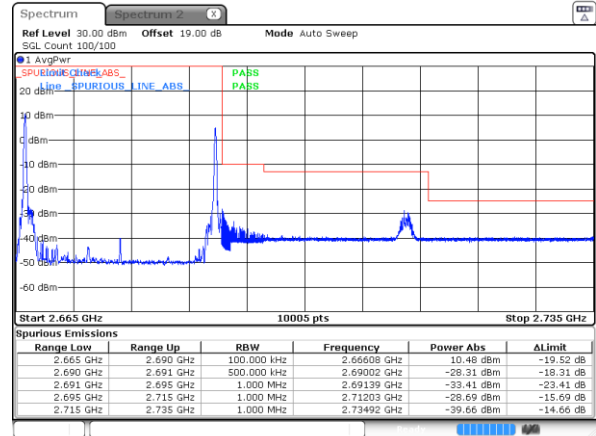
LTE Band 41C / 10MHz+15MHz

QPSK

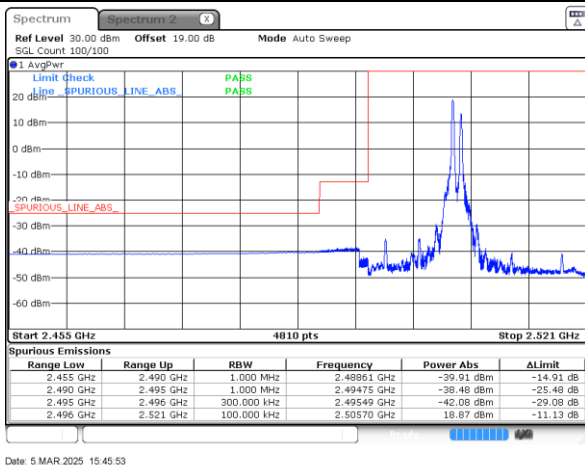
Lowest Band Edge / 1RB0 and 1RB74



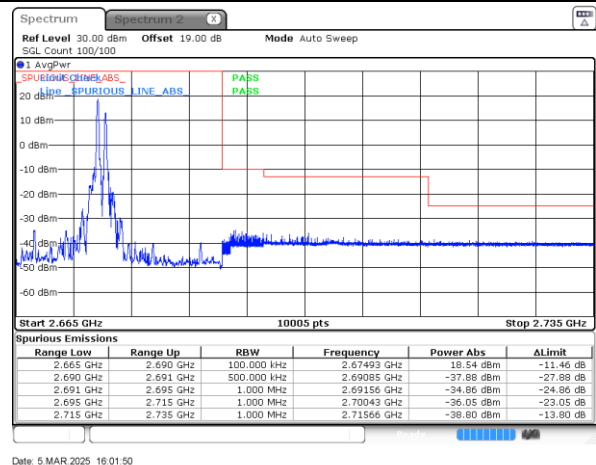
Highest Band Edge / 1RB0 and 1RB74



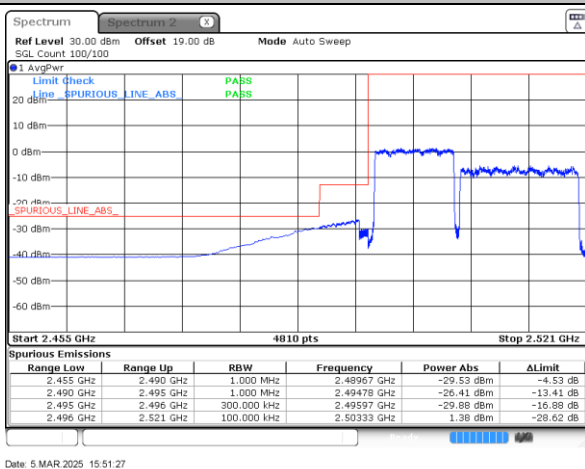
Lowest Band Edge / 1RB49 and 1RB0



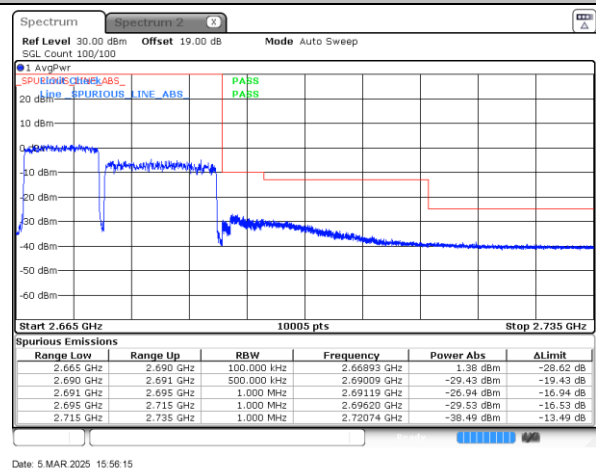
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

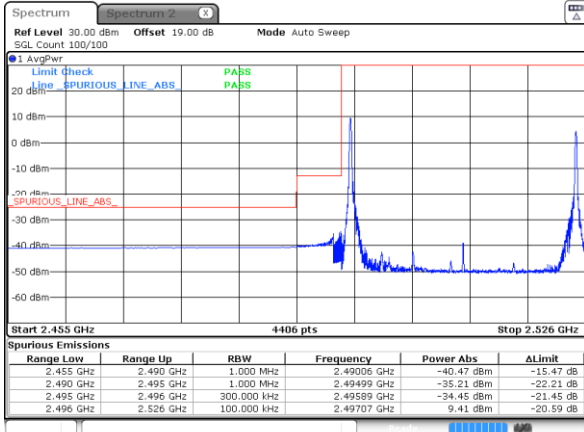




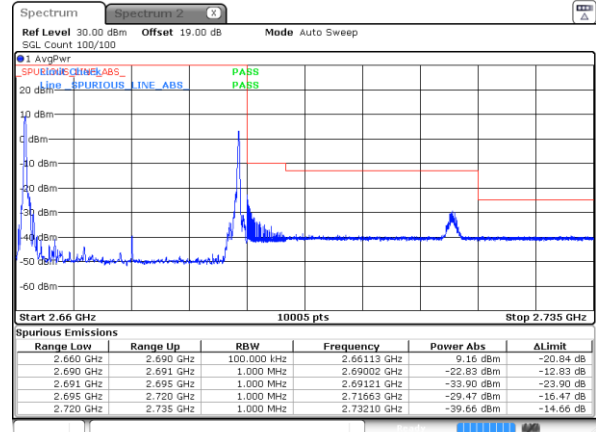
LTE Band 41C / 10MHz+20MHz

QPSK

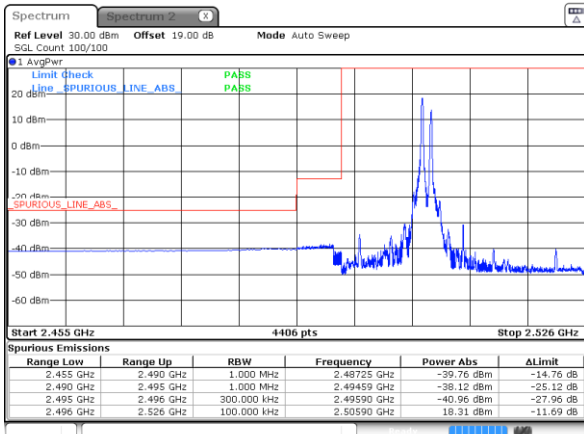
Lowest Band Edge / 1RB0 and 1RB99



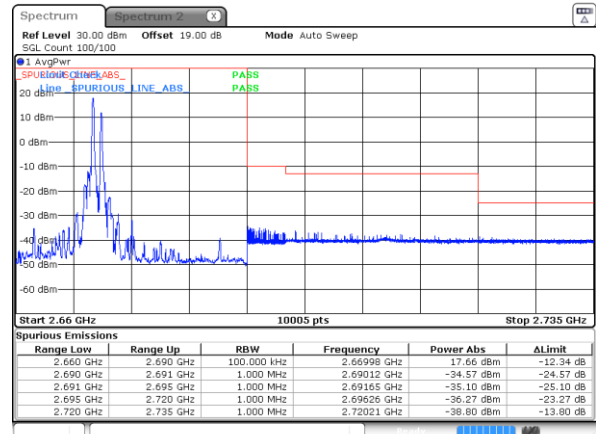
Highest Band Edge / 1RB0 and 1RB99



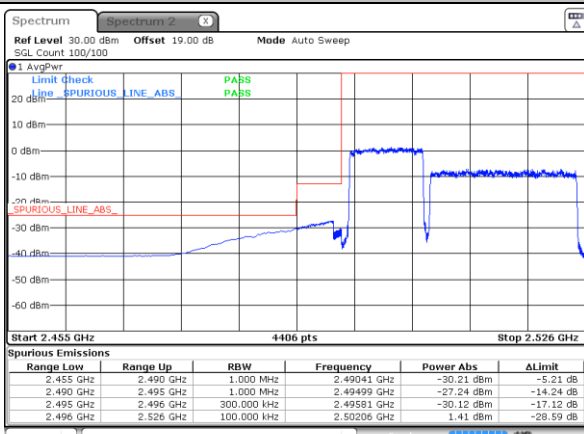
Lowest Band Edge / 1RB49 and 1RB0



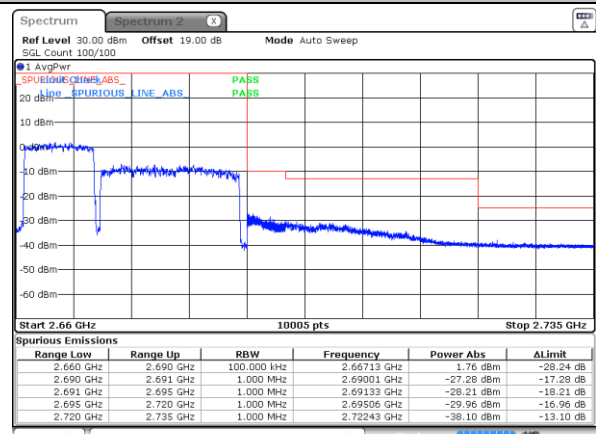
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

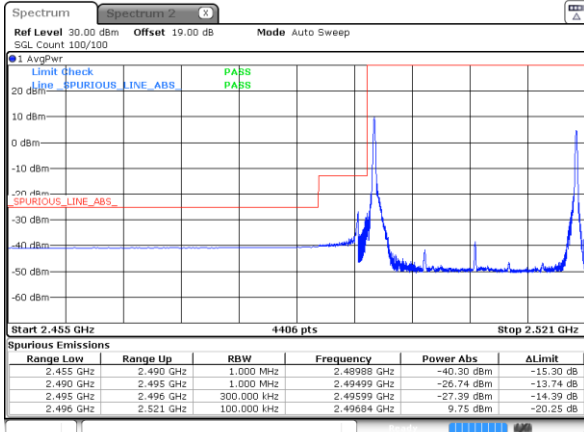




LTE Band 41C / 15MHz+10MHz

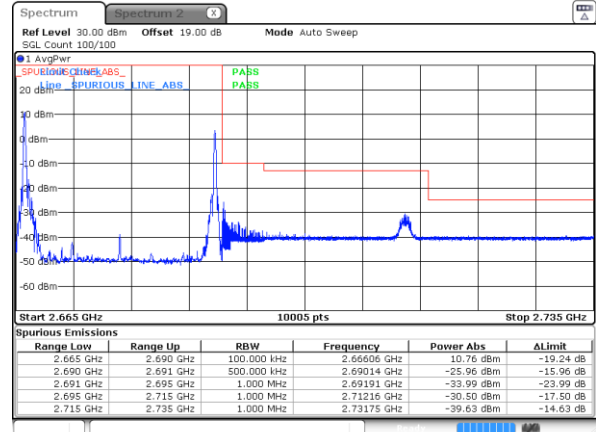
QPSK

Lowest Band Edge / 1RB0 and 1RB49



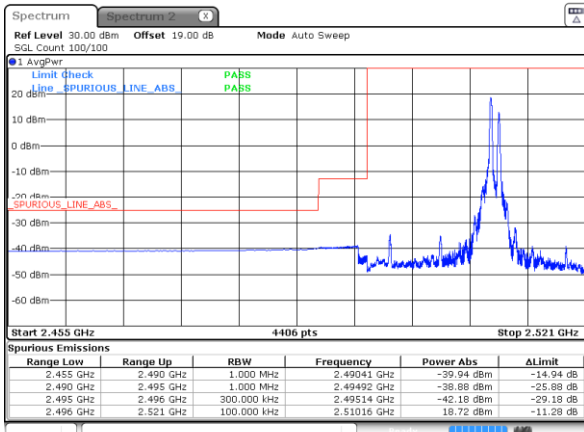
Date: 5 MAR 2025 16:13:29

Highest Band Edge / 1RB0 and 1RB49



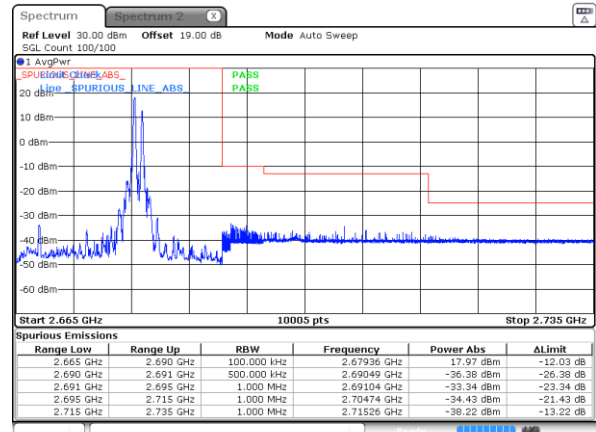
Date: 5 MAR 2025 16:21:43

Lowest Band Edge / 1RB74 and 1RB0



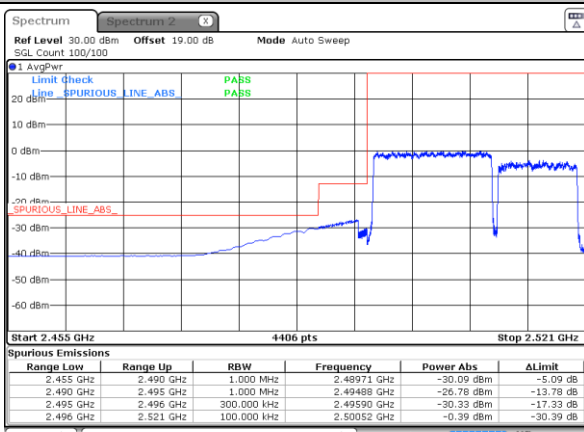
Date: 5 MAR 2025 16:08:49

Highest Band Edge / 1RB74 and 1RB0



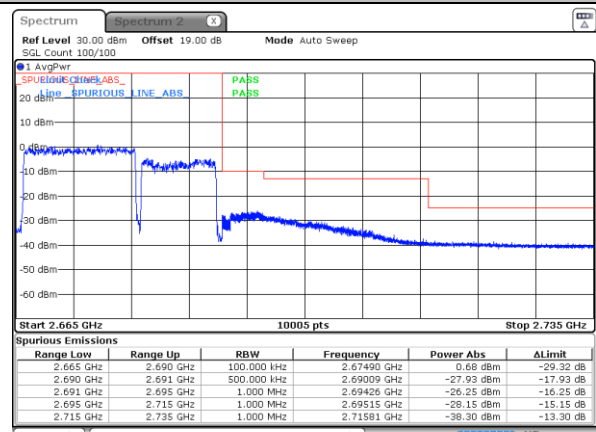
Date: 5 MAR 2025 16:26:22

Lowest Band Edge / Full RB



Date: 5 MAR 2025 16:14:25

Highest Band Edge / Full RB

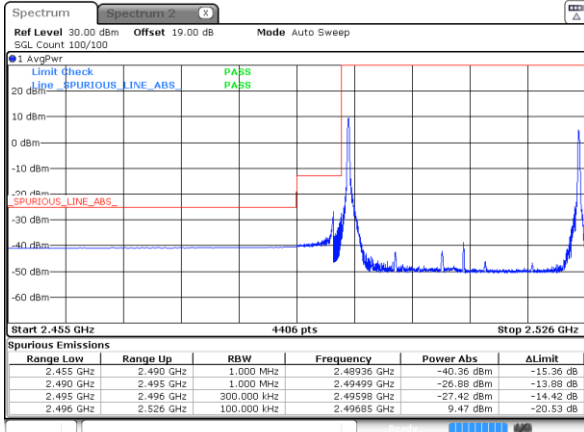


Date: 5 MAR 2025 16:20:47

LTE Band 41C / 15MHz+15MHz

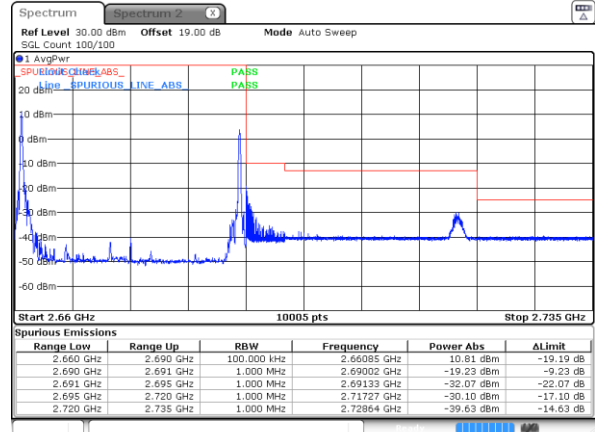
QPSK

Lowest Band Edge / 1RB0 and 1RB74



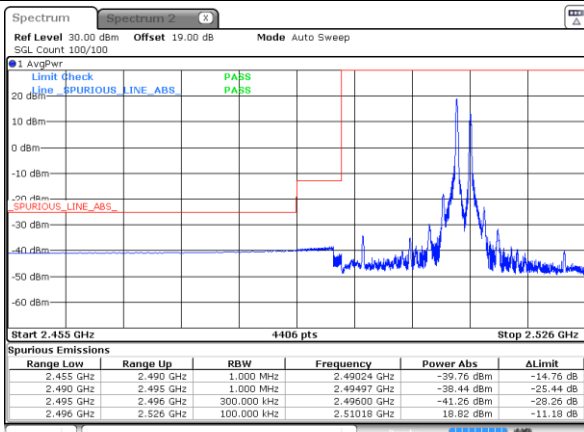
Date: 5.MAR.2025 17:26:30

Highest Band Edge / 1RB0 and 1RB74



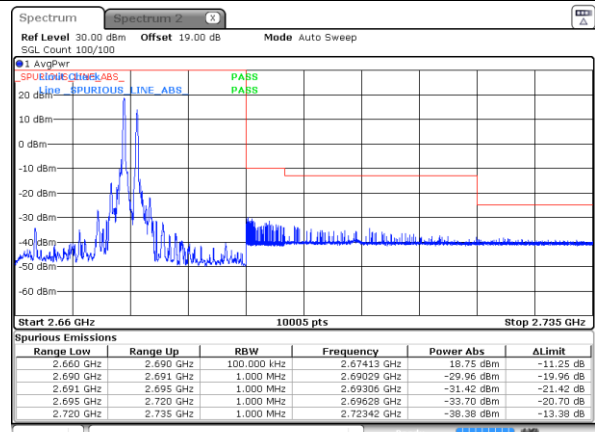
Date: 5.MAR.2025 17:34:07

Lowest Band Edge / 1RB74 and 1RB0



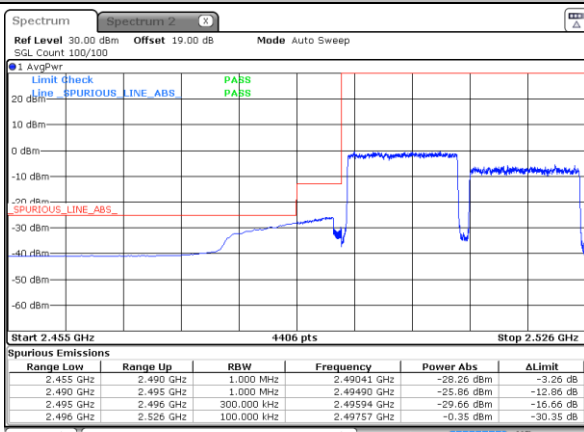
Date: 5.MAR.2025 17:22:16

Highest Band Edge / 1RB74 and 1RB0



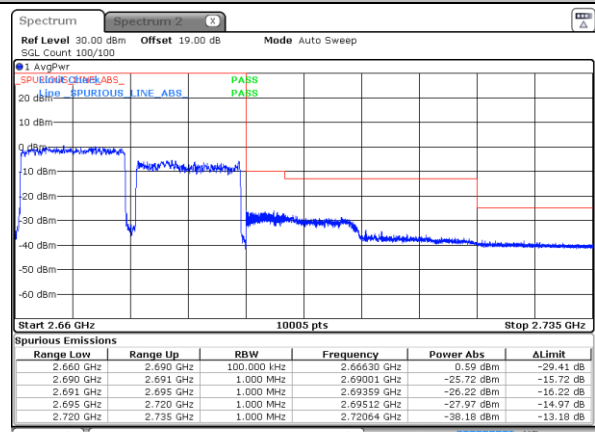
Date: 5.MAR.2025 17:38:20

Lowest Band Edge / Full RB



Date: 5.MAR.2025 17:27:21

Highest Band Edge / Full RB



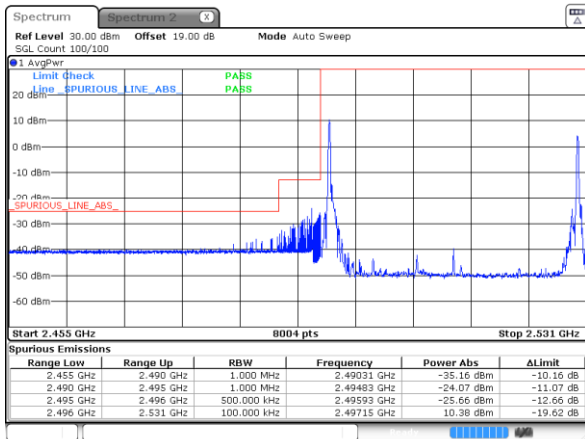
Date: 5 MAR 2025 17:33:16



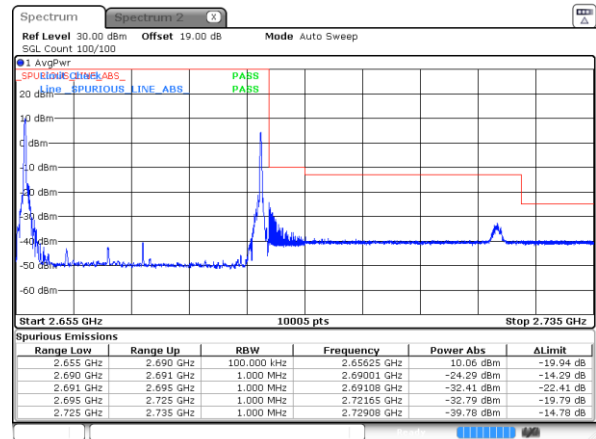
LTE Band 41C / 15MHz+20MHz

QPSK

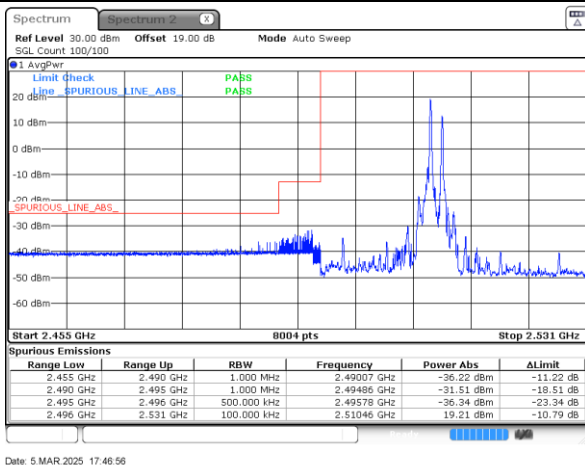
Lowest Band Edge / 1RB0 and 1RB99



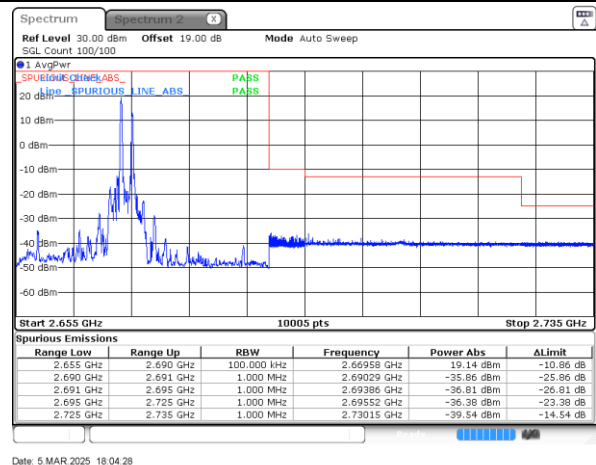
Highest Band Edge / 1RB0 and 1RB99



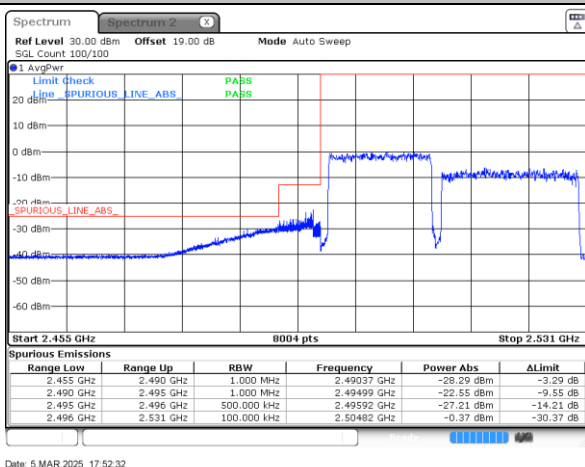
Lowest Band Edge / 1RB74 and 1RB0



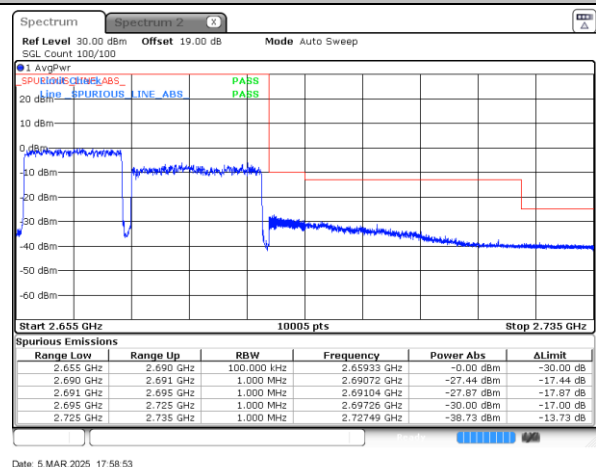
Highest Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

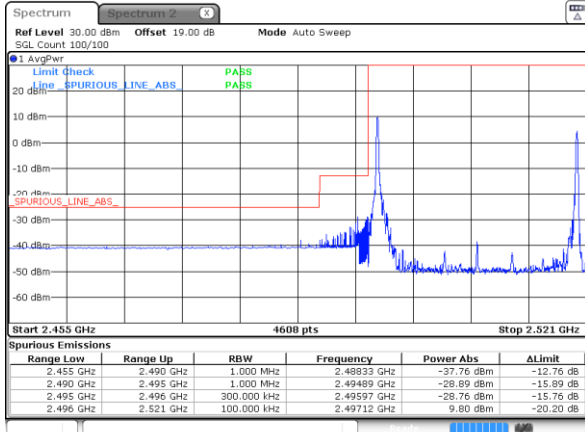




LTE Band 41C / 20MHz+5MHz

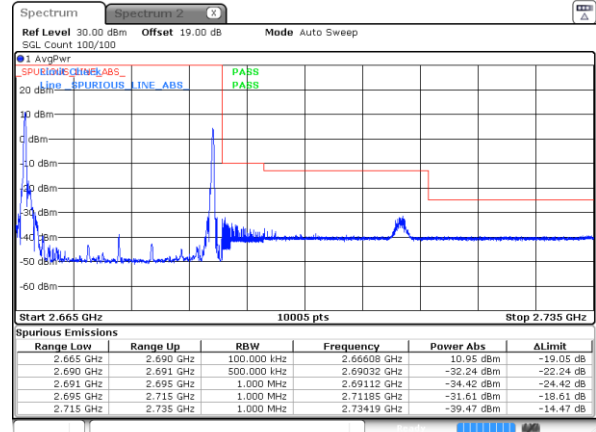
QPSK

Lowest Band Edge / 1RB0 and 1RB24



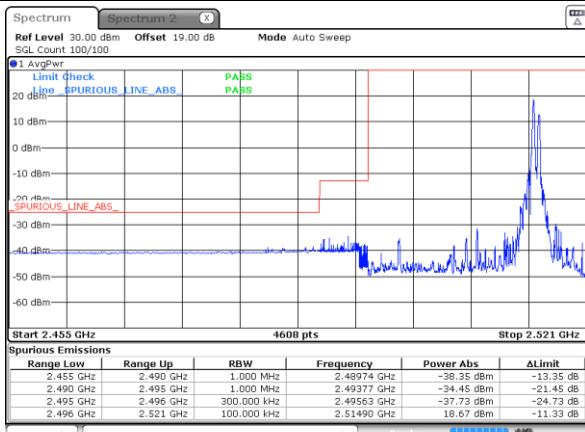
Date: 5 MAR 2025 15:09:42

Highest Band Edge / 1RB0 and 1RB24



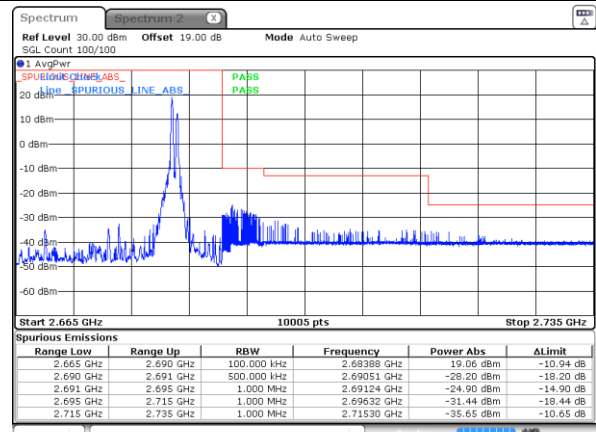
Date: 5 MAR 2025 15:23:16

Lowest Band Edge / 1RB99 and 1RB0



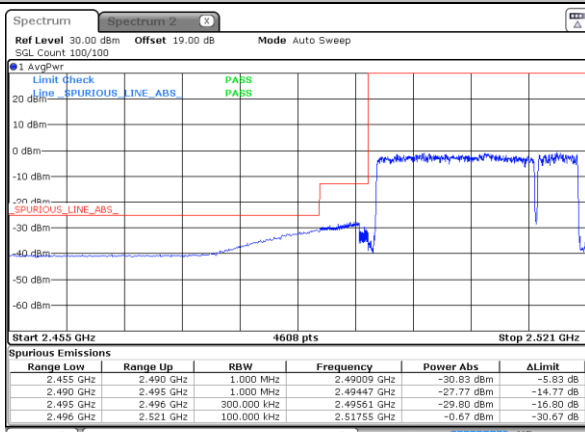
Date: 5 MAR 2025 15:05:34

Highest Band Edge / 1RB99 and 1RB0



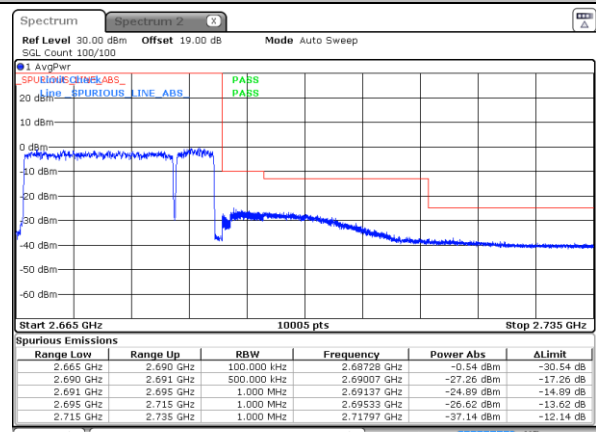
Date: 5 MAR 2025 15:27:22

Lowest Band Edge / Full RB



Date: 5 MAR 2025 15:10:31

Highest Band Edge / Full RB



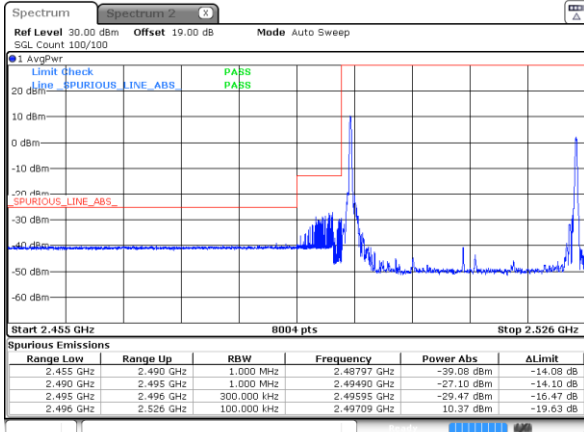
Date: 5 MAR 2025 15:22:27



LTE Band 41C / 20MHz+10MHz

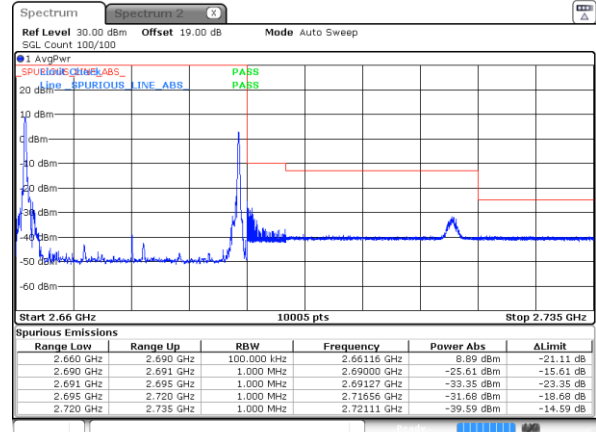
QPSK

Lowest Band Edge / 1RB0 and 1RB49



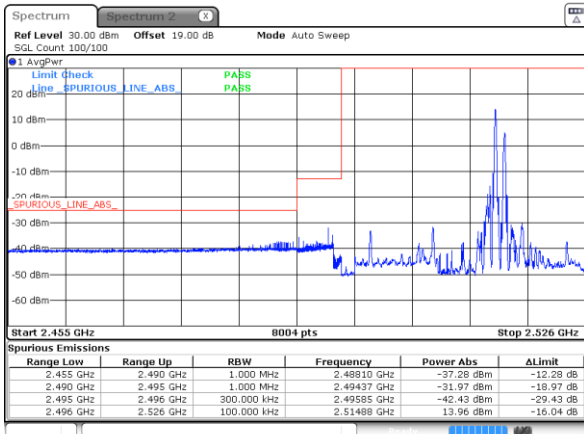
Date: 5 MAR 2025 17:02:33

Highest Band Edge / 1RB0 and 1RB49



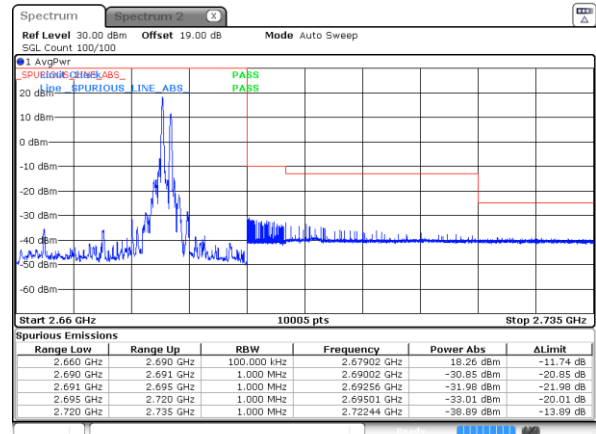
Date: 5 MAR 2025 17:10:47

Lowest Band Edge / 1RB99 and 1RB0



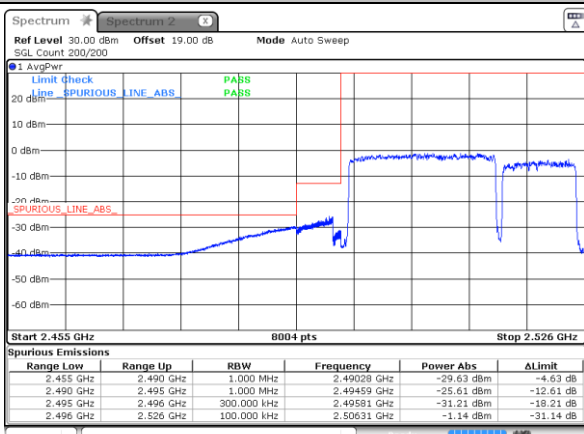
Date: 5 MAR 2025 16:57:53

Highest Band Edge / 1RB99 and 1RB0



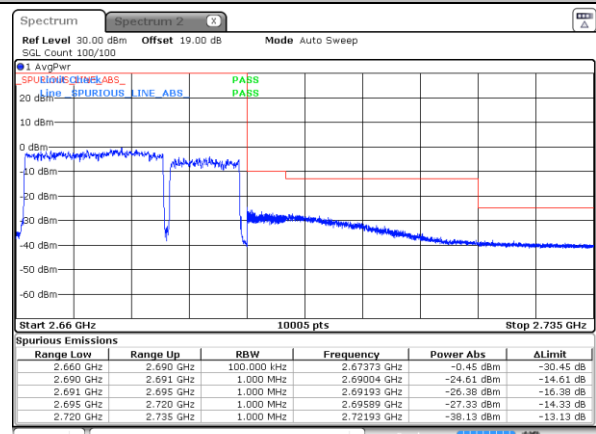
Date: 5 MAR 2025 17:15:26

Lowest Band Edge / Full RB



Date: 6 MAR 2025 13:13:50

Highest Band Edge / Full RB



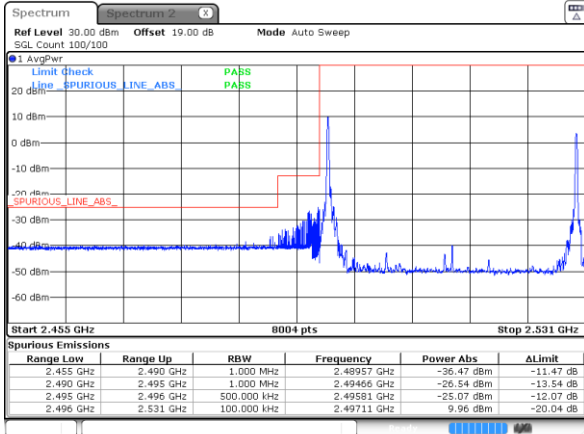
Date: 5 MAR 2025 17:09:51



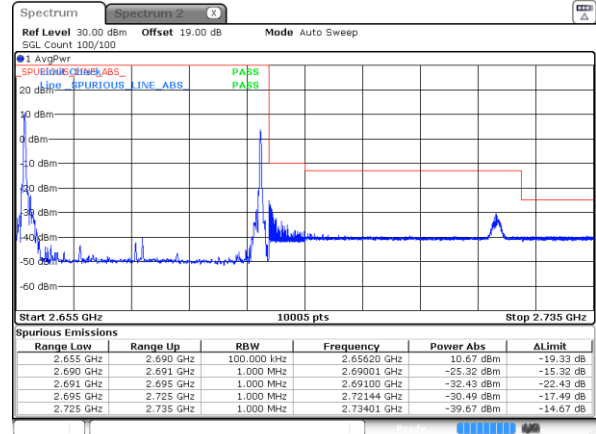
LTE Band 41C / 20MHz+15MHz

QPSK

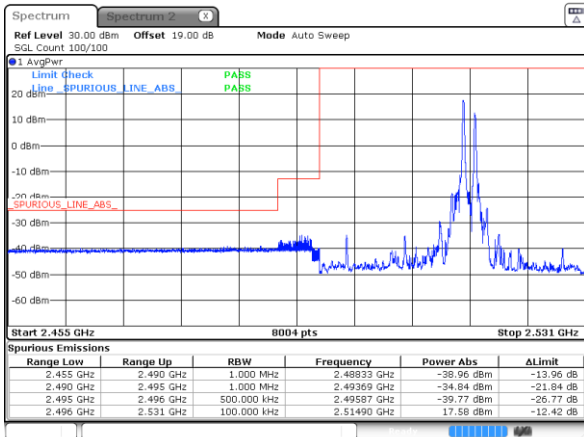
Lowest Band Edge / 1RB0 and 1RB74



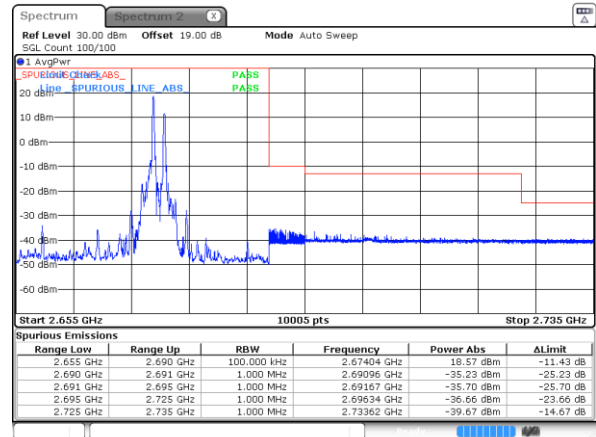
Highest Band Edge / 1RB0 and 1RB74



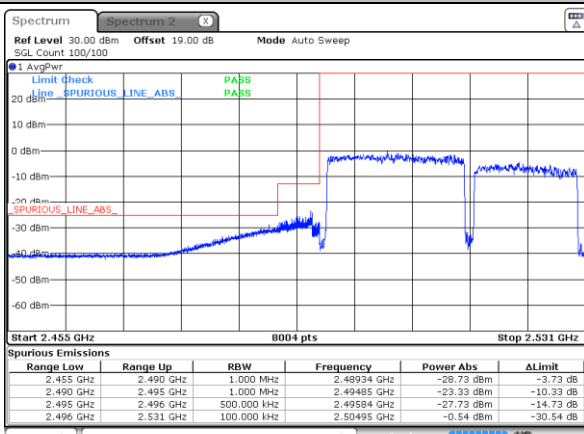
Lowest Band Edge / 1RB99 and 1RB0



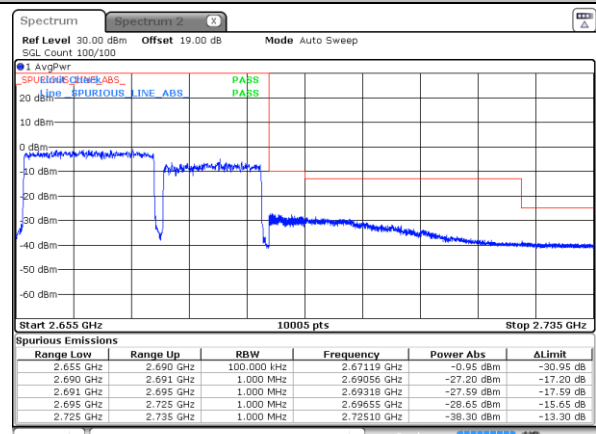
Highest Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Lowest Band Edge / 1RB0 and 1RB99



Date: 5.MAR.2025 18:47:32

Date: 5.MAR.2025 18:35:42

Date: 5.MAR.2025 18:51:45

Date: 5.MAR.2025 18:40:46

Date: 5.MAR.2025 18:46:42