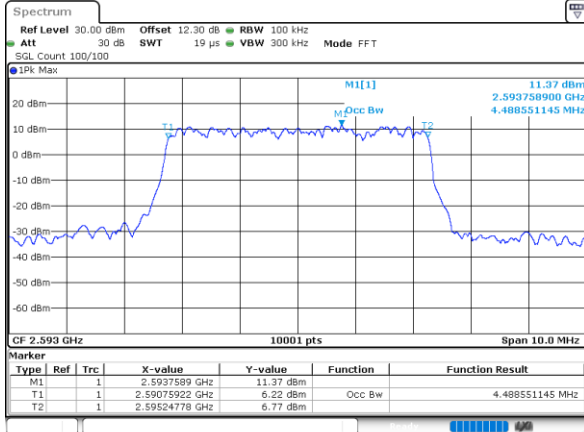


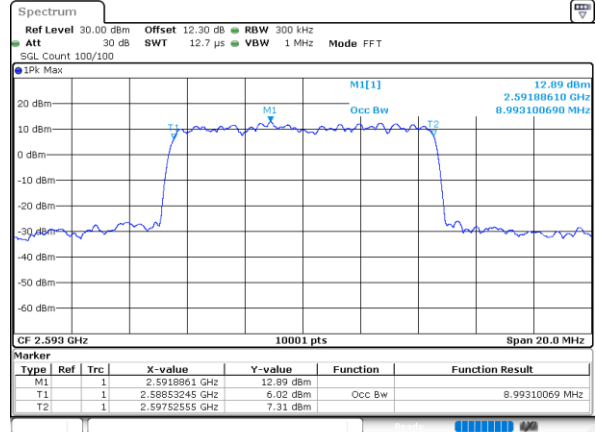


LTE Band 41

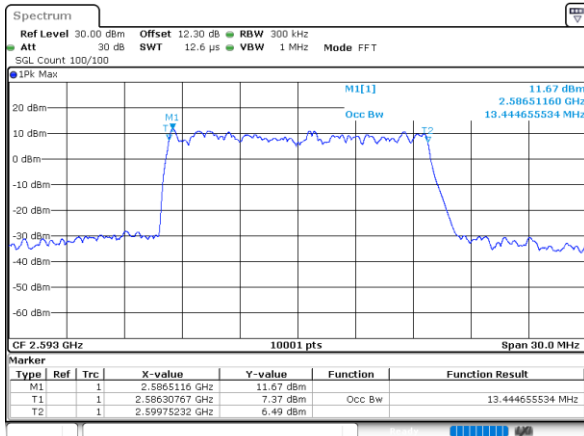
Middle Channel / 5MHz / 256QAM



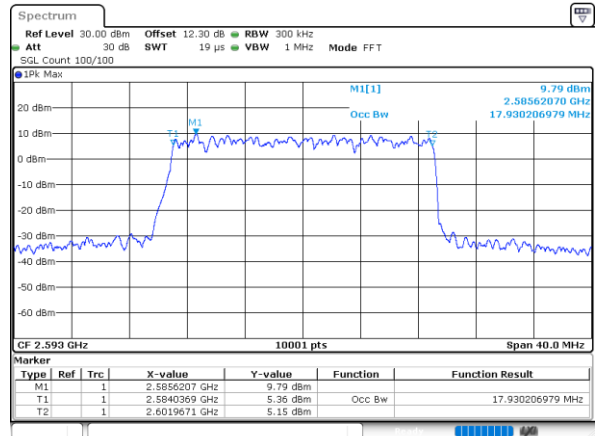
Middle Channel / 10MHz / 256QAM



Middle Channel / 15MHz / 256QAM



Middle Channel / 20MHz / 256QAM

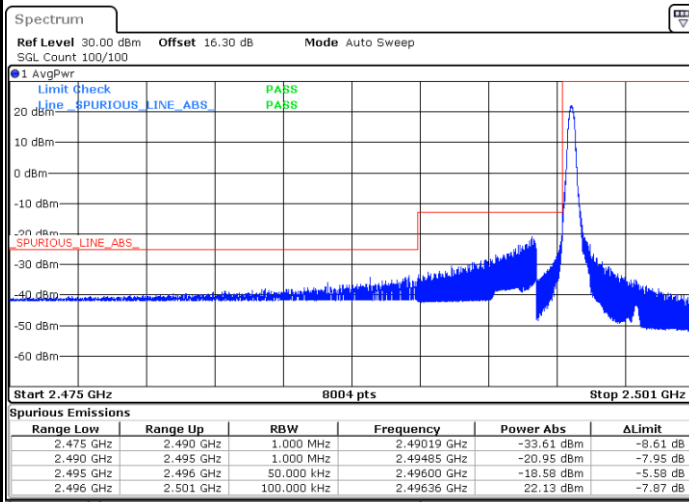




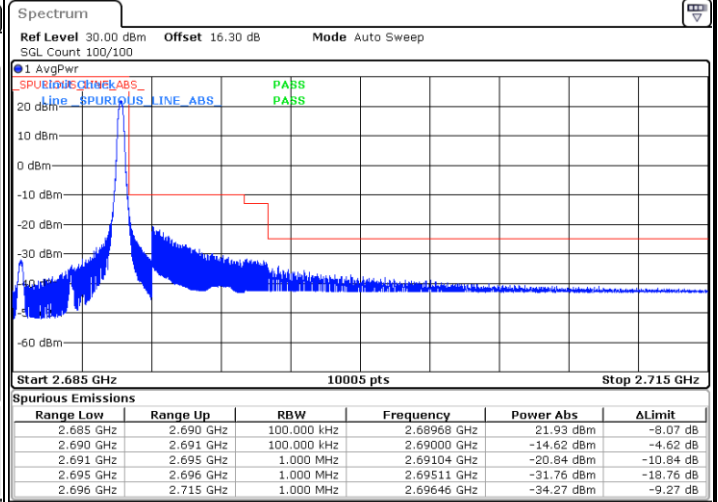
Conducted Band Edge

LTE Band 41 / 5MHz / QPSK

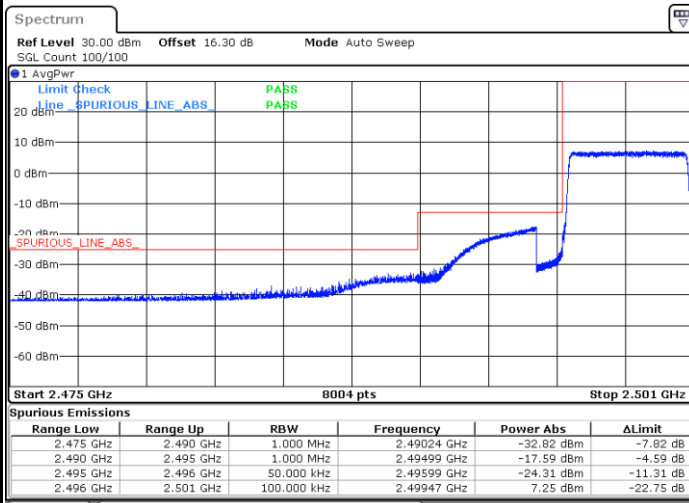
Lowest Band Edge / 1 RB



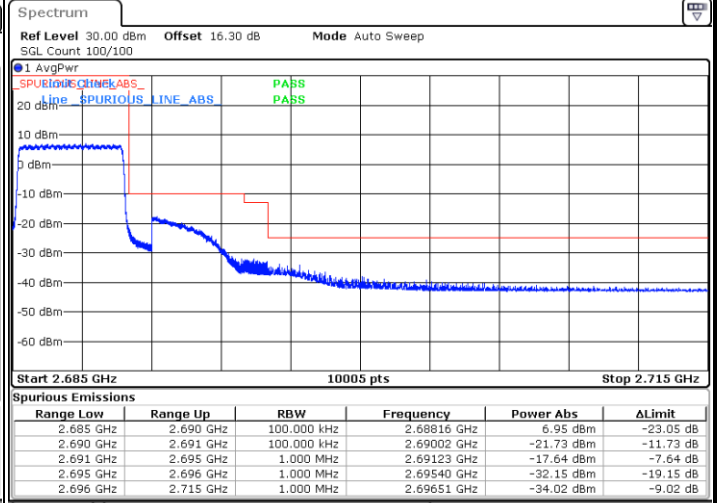
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



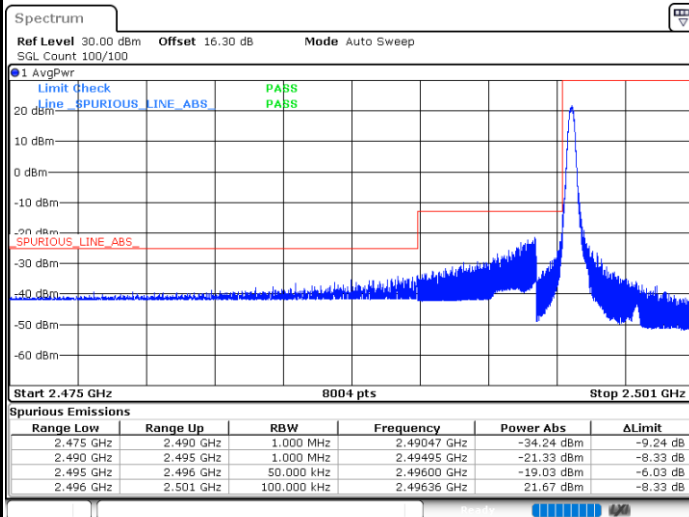
Highest Band Edge / Full RB



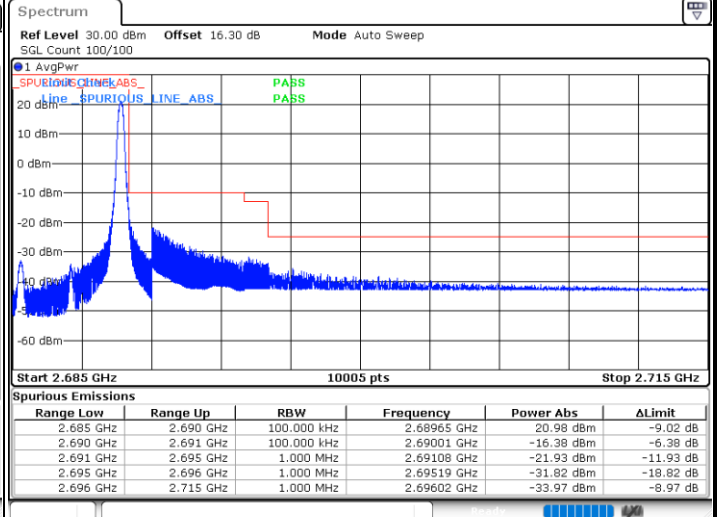


LTE Band 41 / 5MHz / 16QAM

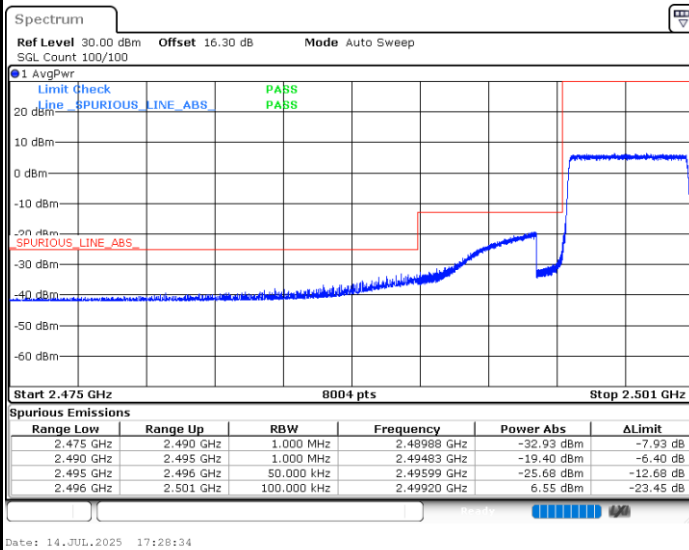
Lowest Band Edge / 1RB



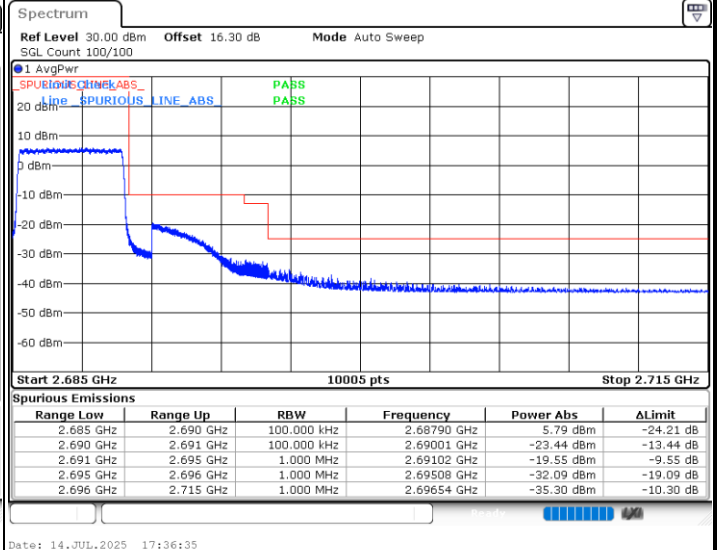
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



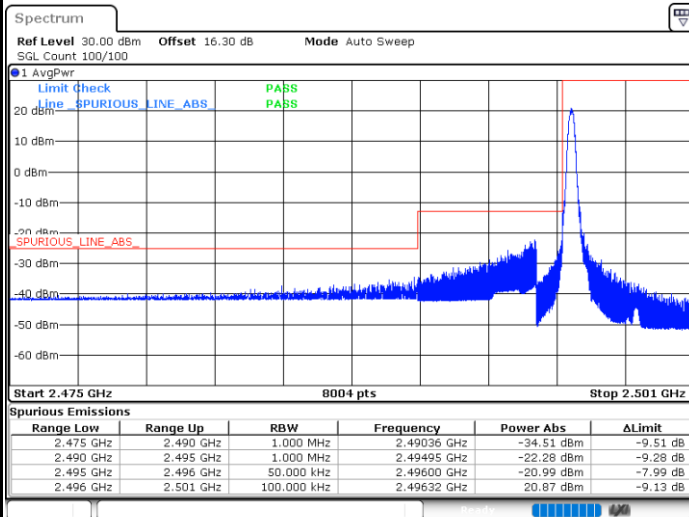
Highest Band Edge / Full RB



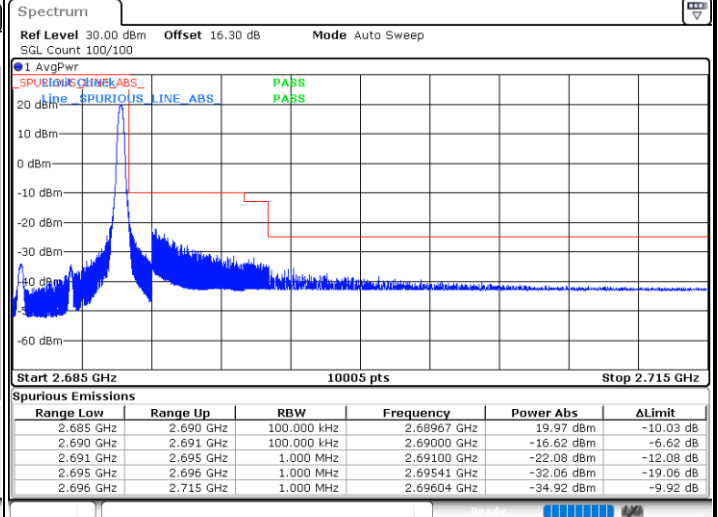


LTE Band 41 / 5MHz / 64QAM

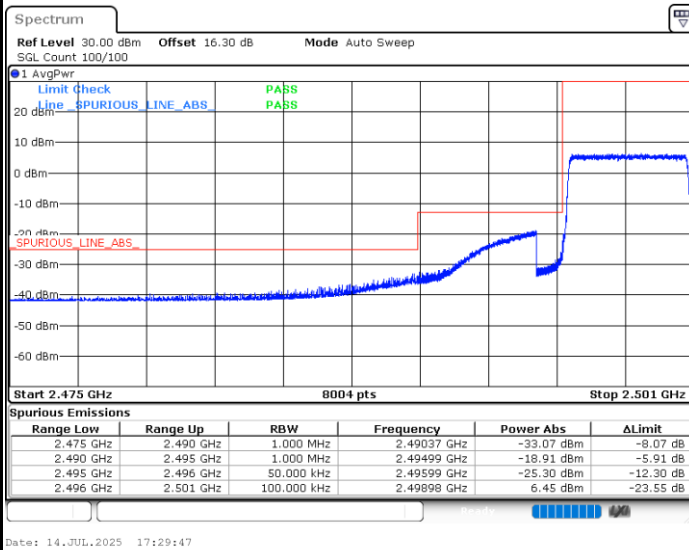
Lowest Band Edge / 1RB



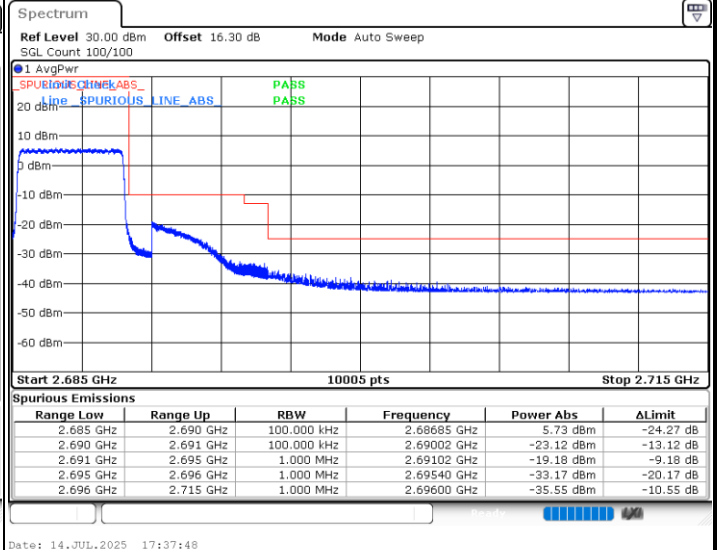
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



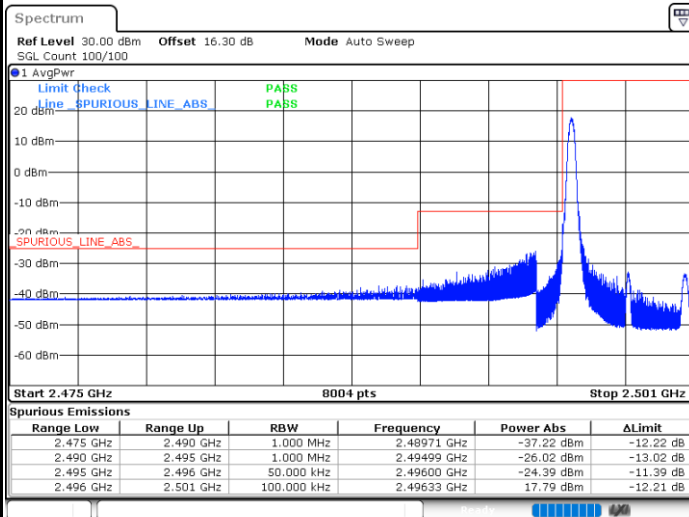
Highest Band Edge / Full RB



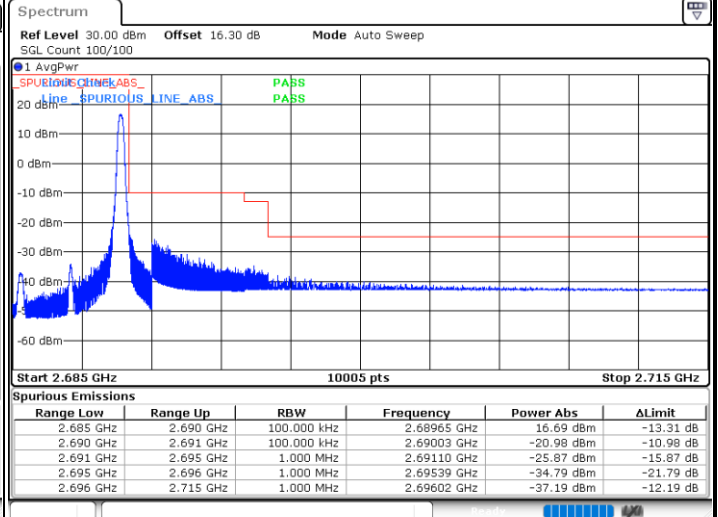


LTE Band 41 / 5MHz / 256QAM

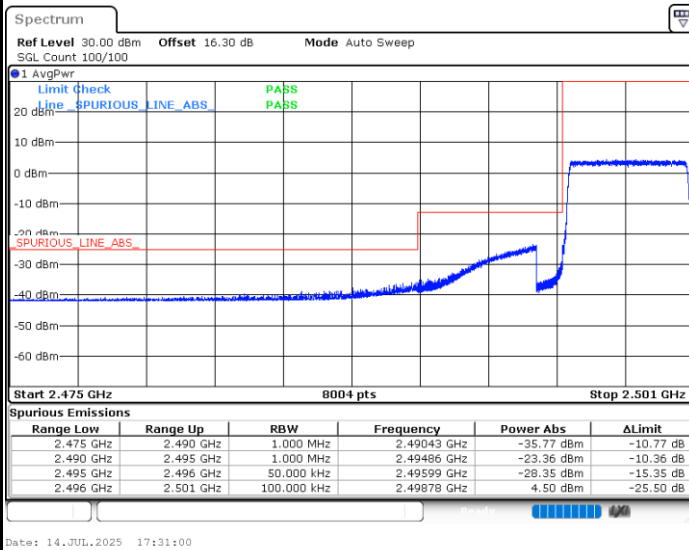
Lowest Band Edge / 1RB



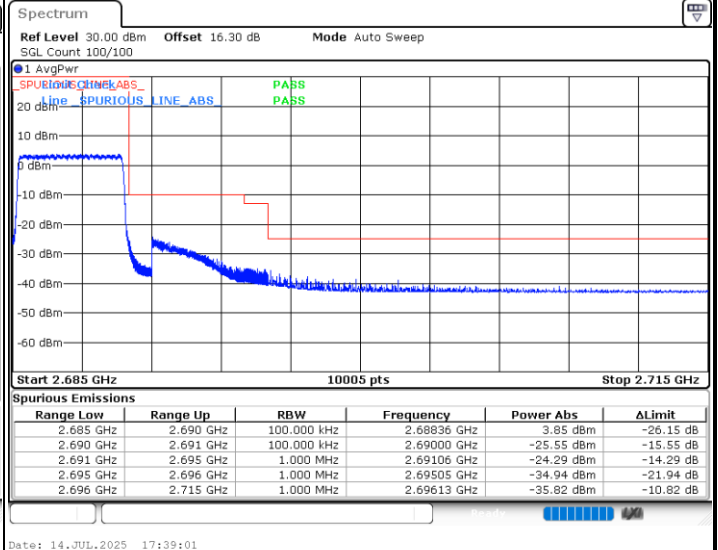
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



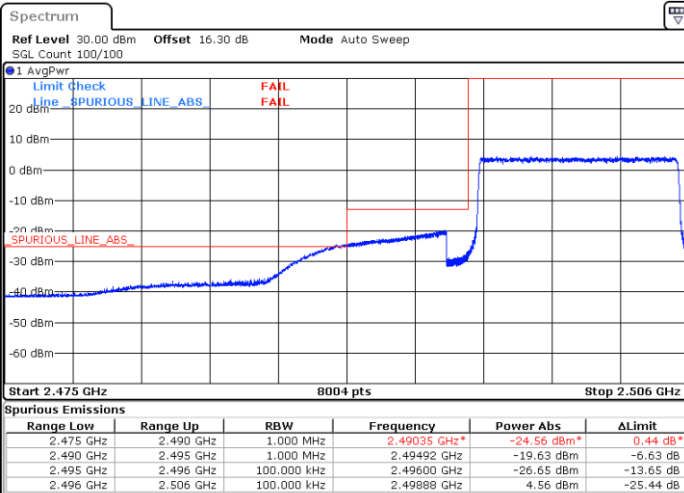
Highest Band Edge / Full RB



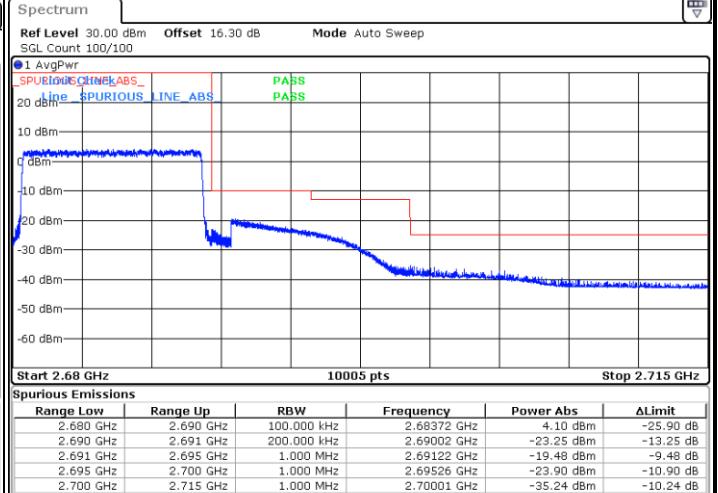


LTE Band 41 / 10MHz / QPSK

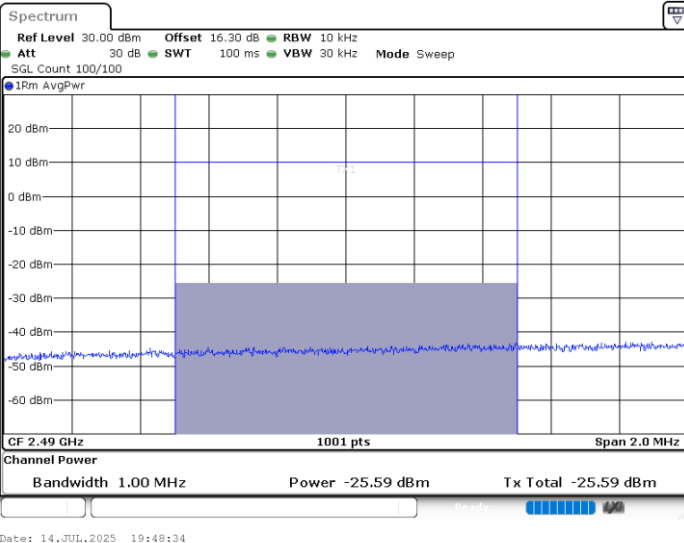
Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Channel power -25dBm > -25.59dBm Pass

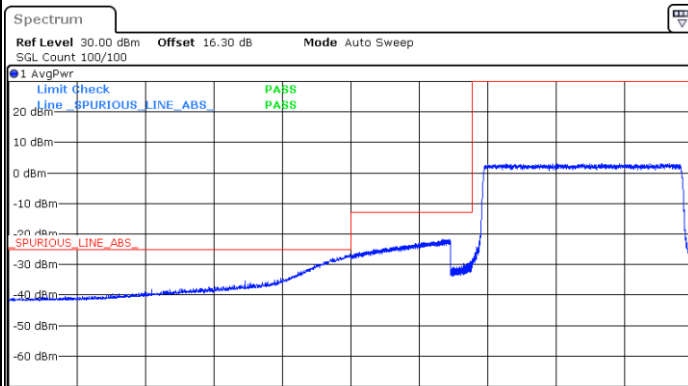




LTE Band 41 / 10MHz / 16QAM

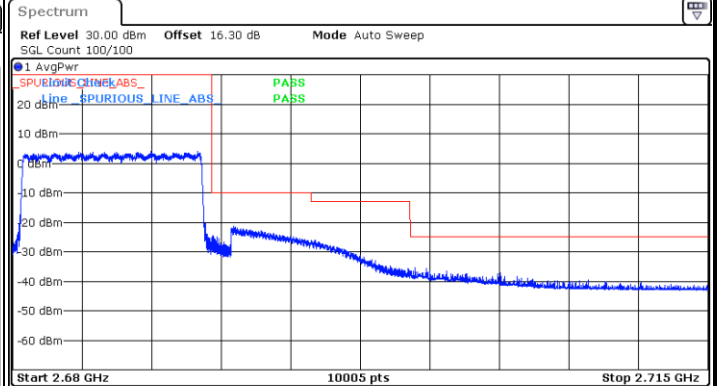
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49047 GHz	-26.64 dBm	-1.64 dB
2.490 GHz	2.495 GHz	1.000 MHz	2.49466 GHz	-21.73 dBm	-8.73 dB
2.495 GHz	2.496 GHz	100.000 kHz	2.49600 GHz	-28.51 dBm	-15.51 dB
2.496 GHz	2.506 GHz	100.000 kHz	2.50460 GHz	3.13 dBm	-26.87 dB

Date: 14.JUL.2025 17:56:03



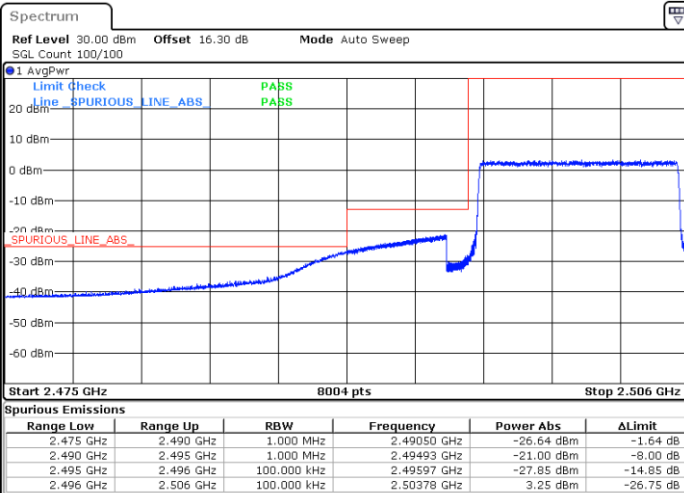
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.680 GHz	2.690 GHz	100.000 kHz	2.68932 GHz	4.09 dBm	-25.91 dB
2.690 GHz	2.691 GHz	200.000 kHz	2.69005 GHz	-24.50 dBm	-14.50 dB
2.691 GHz	2.695 GHz	1.000 MHz	2.69113 GHz	-21.30 dBm	-11.30 dB
2.695 GHz	2.700 GHz	1.000 MHz	2.69503 GHz	-26.04 dBm	-13.04 dB
2.700 GHz	2.715 GHz	1.000 MHz	2.70025 GHz	-35.36 dBm	-10.36 dB

Date: 14.JUL.2025 20:45:25

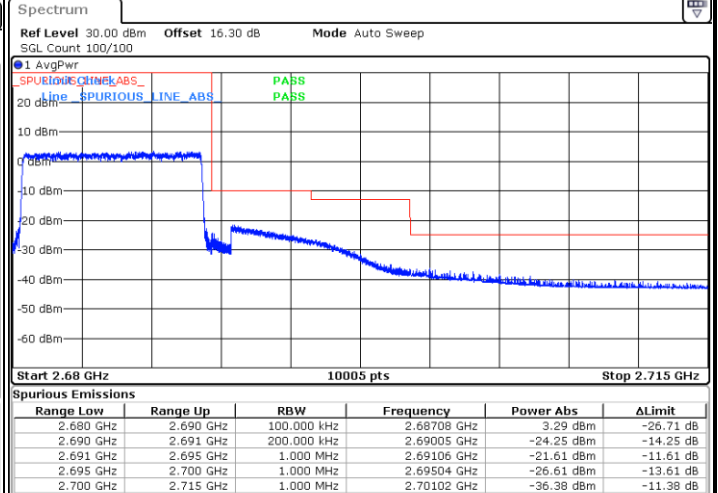


LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / Full RB

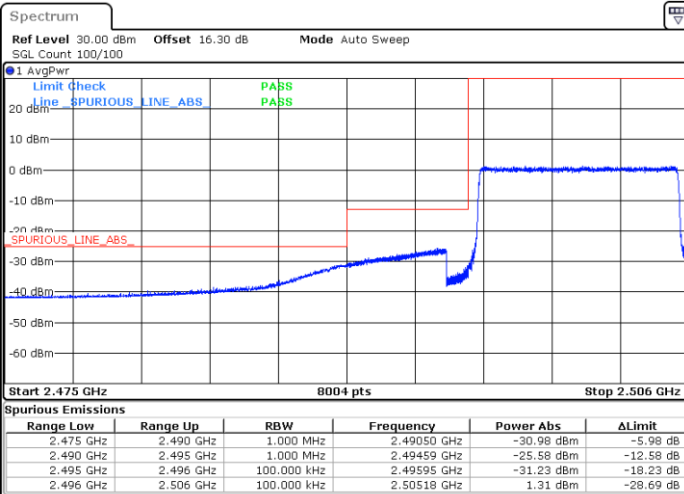


Highest Band Edge / Full RB

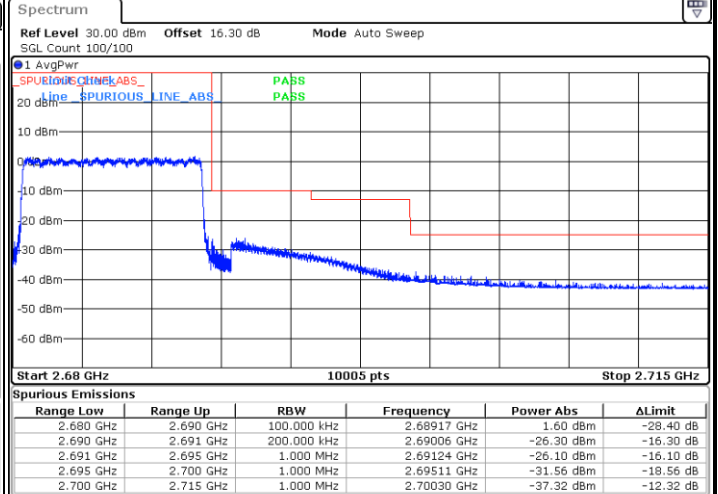


LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / Full RB



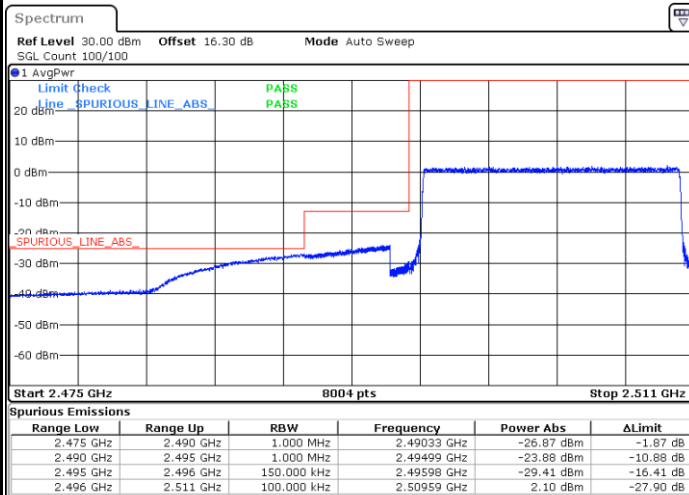
Highest Band Edge / Full RB



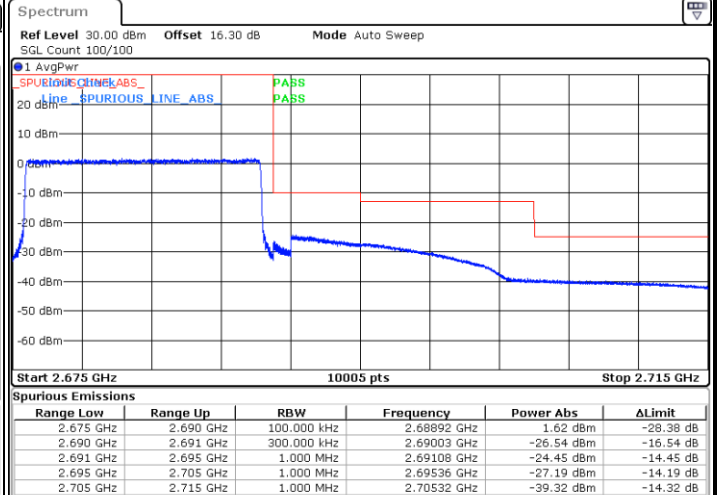


LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB

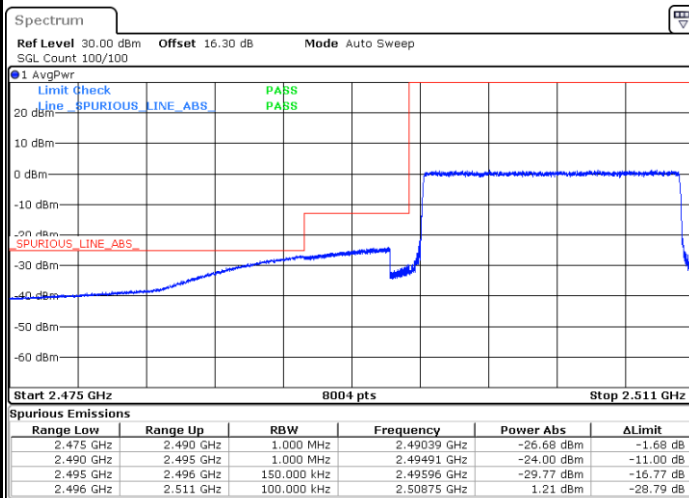


Highest Band Edge / Full RB

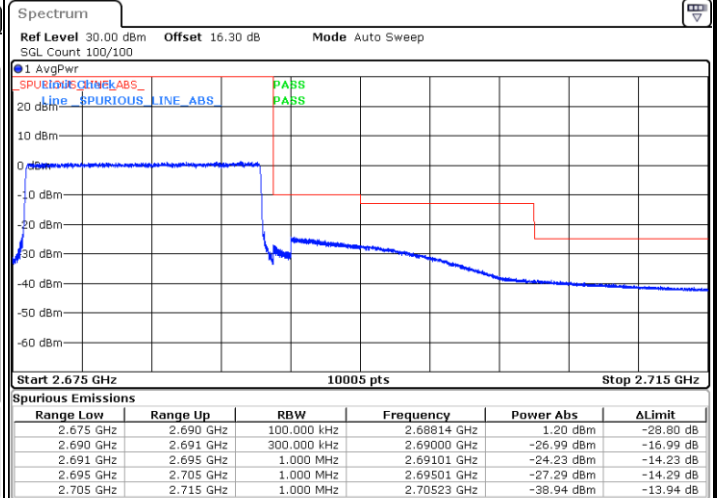


LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / Full RB



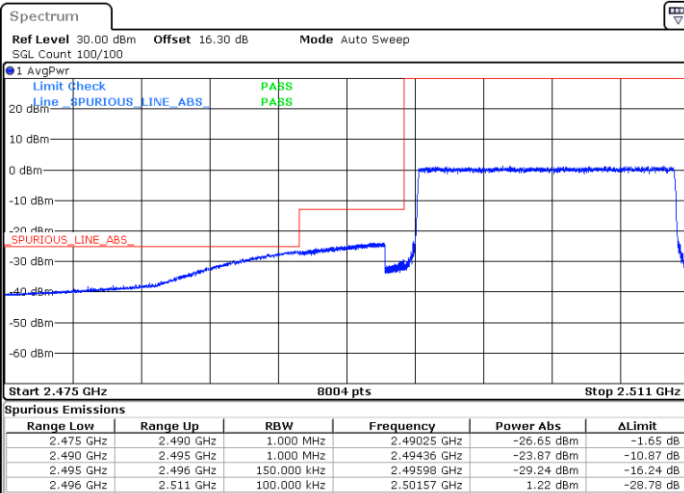
Highest Band Edge / Full RB



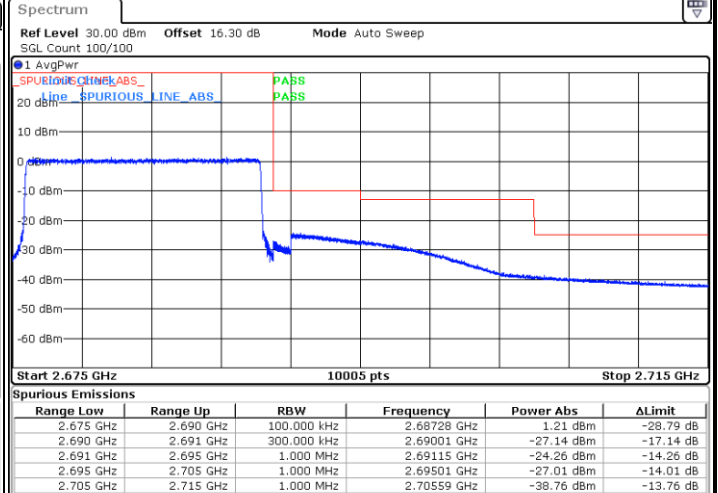


LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / Full RB

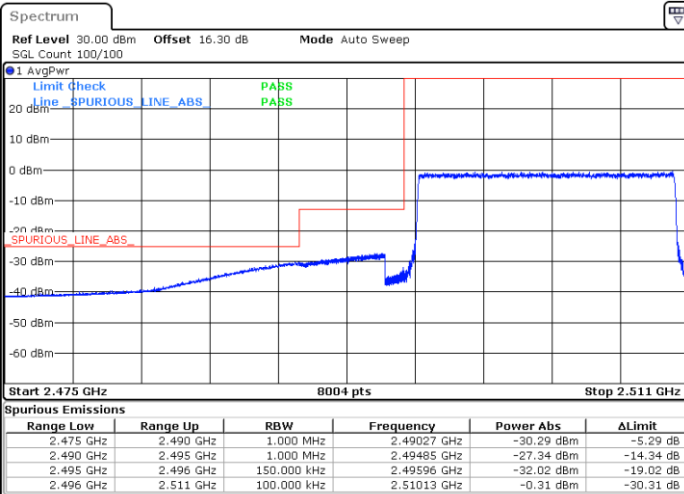


Highest Band Edge / Full RB

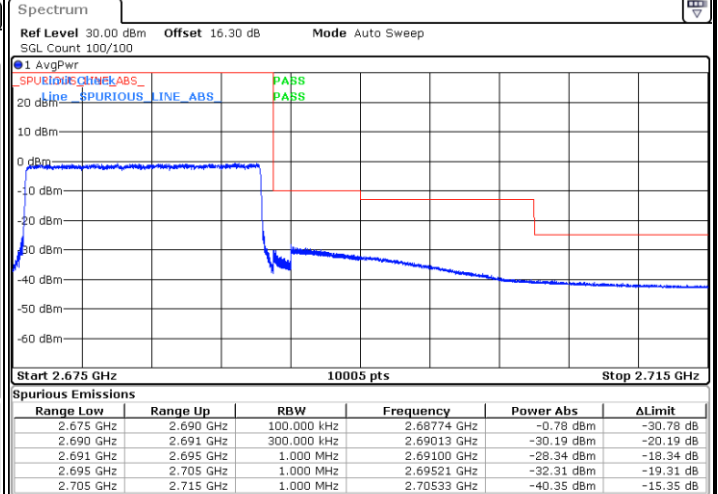


LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / Full RB



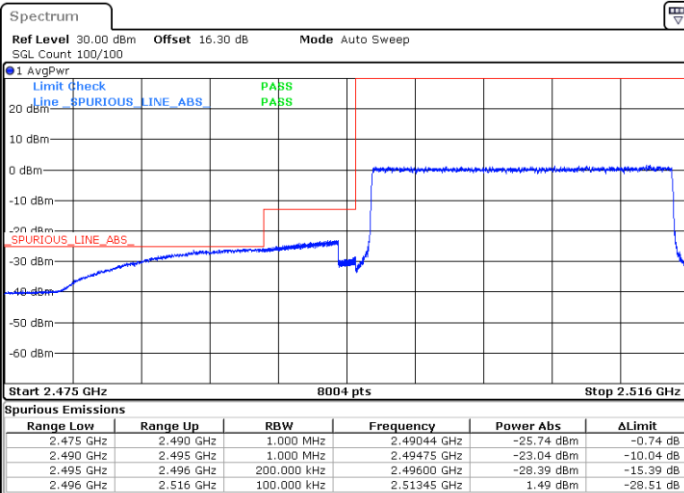
Highest Band Edge / Full RB



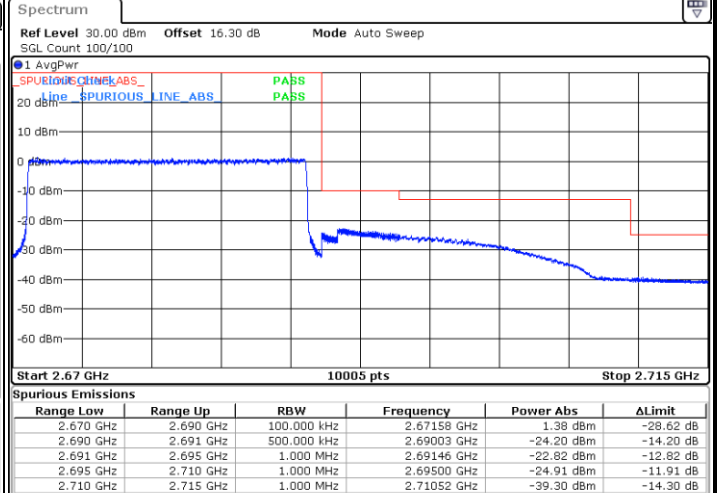


LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / Full RB

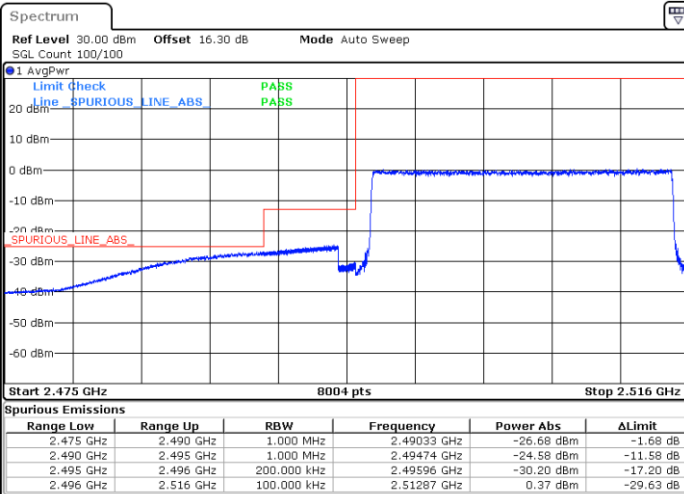


Highest Band Edge / Full RB

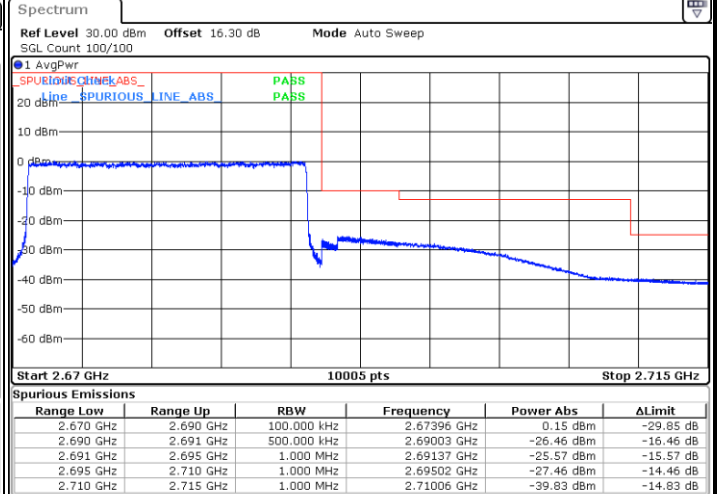


LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / Full RB



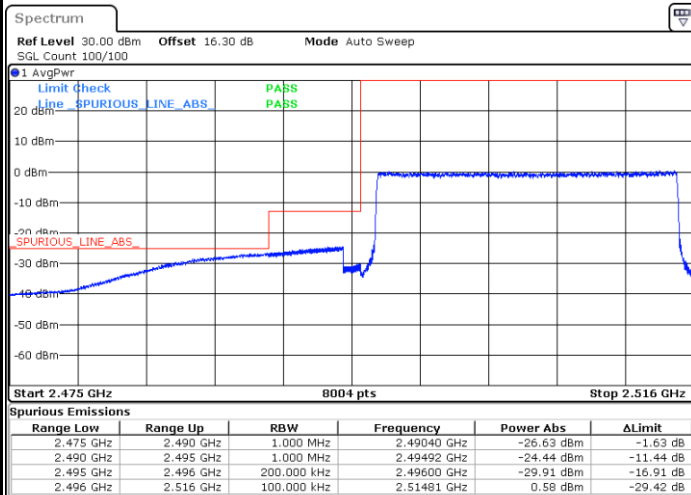
Highest Band Edge / Full RB



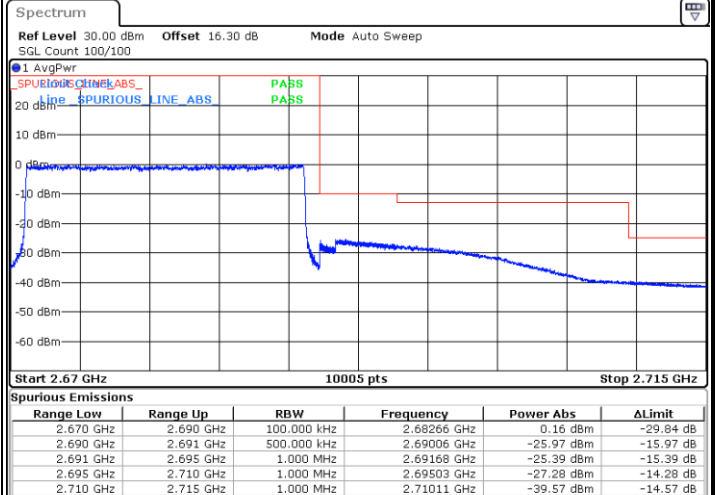


LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / Full RB

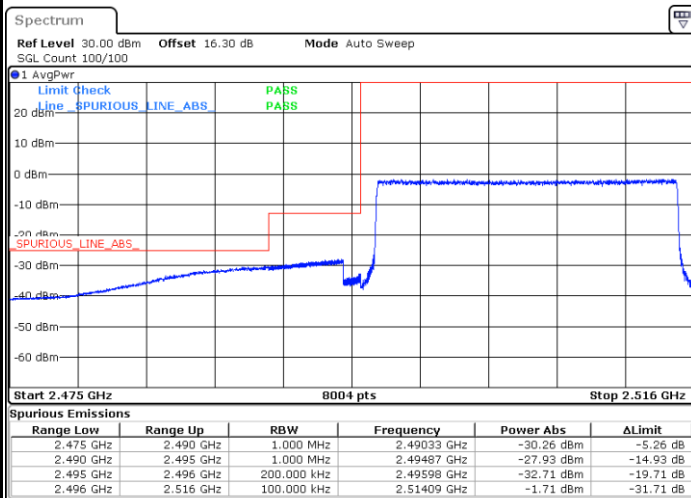


Highest Band Edge / Full RB

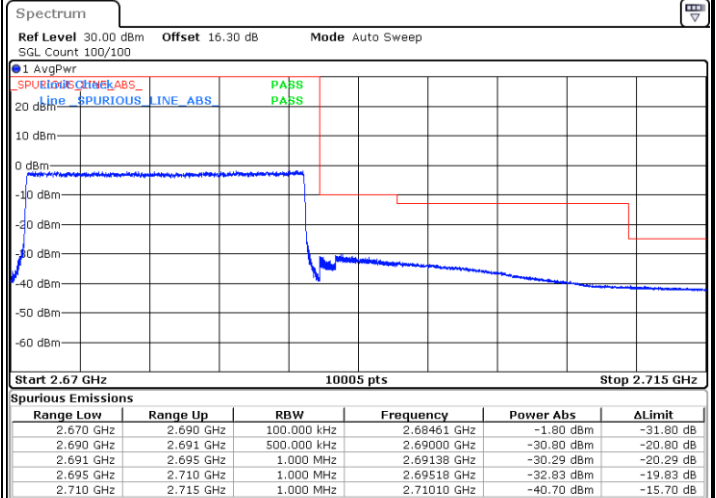


LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

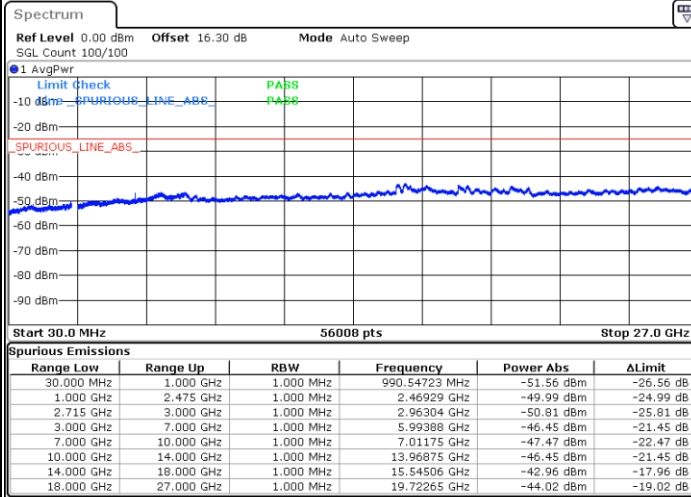




Conducted Spurious Emission

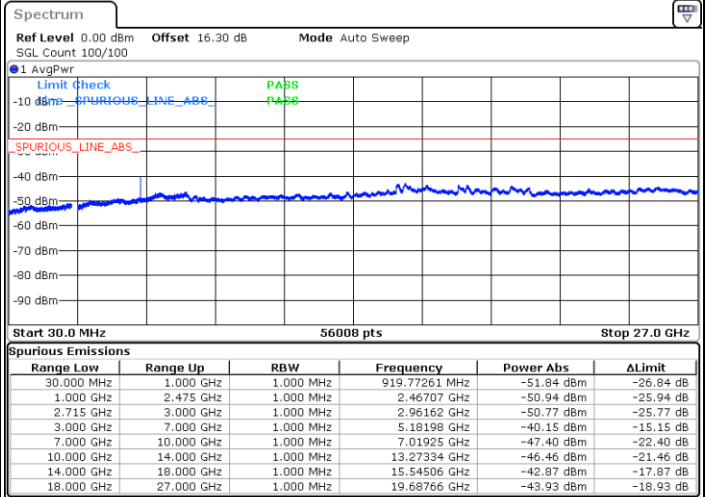
LTE Band 41 / 5MHz

Lowest Channel / QPSK



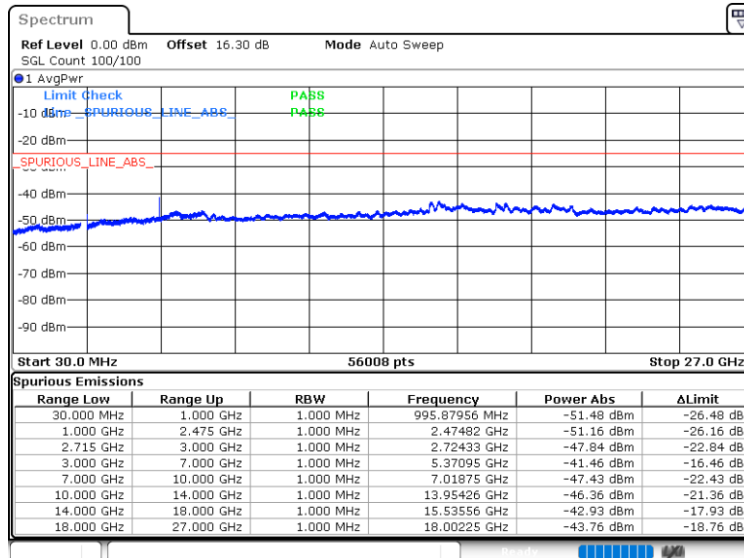
Date: 14.JUL.2025 19:18:12

Middle Channel / QPSK



Date: 14.JUL.2025 19:19:35

Highest Channel / QPSK

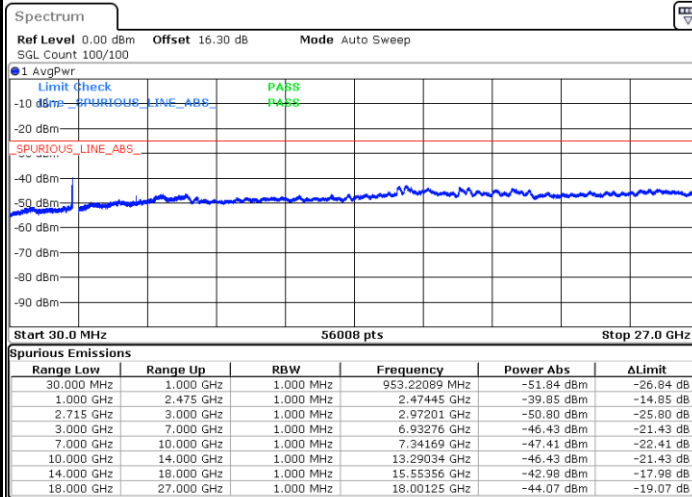


Date: 14.JUL.2025 19:20:57



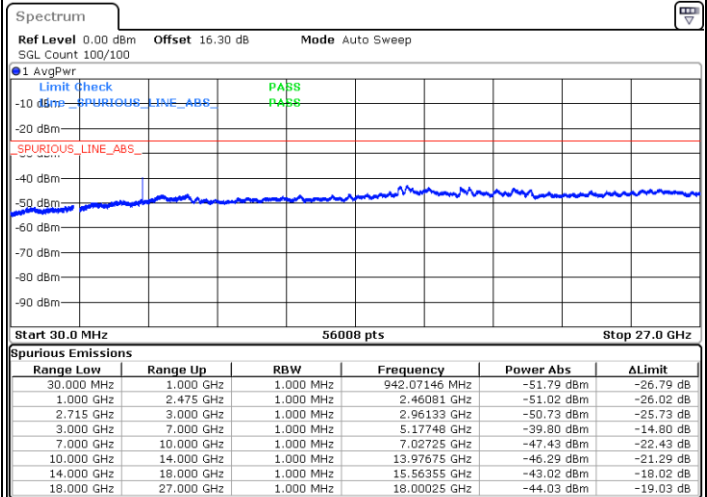
LTE Band 41 / 10MHz

Lowest Channel / QPSK



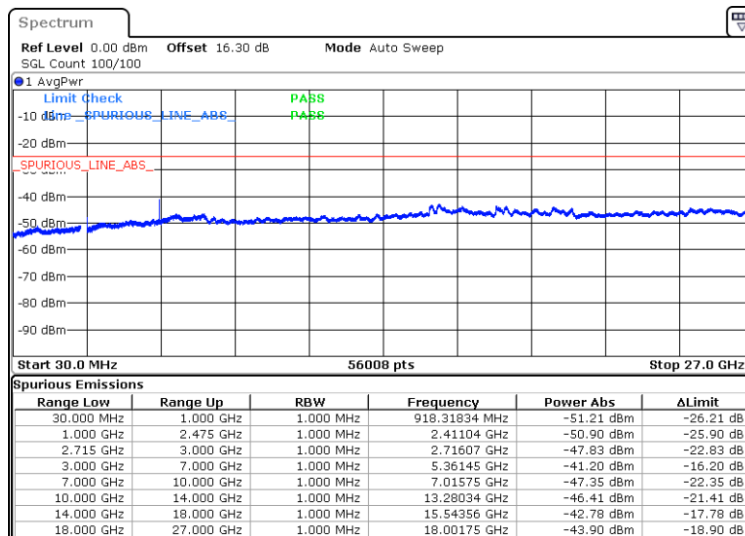
Date: 14.JUL.2025 19:22:22

Middle Channel / QPSK



Date: 14.JUL.2025 19:23:44

Highest Channel / QPSK

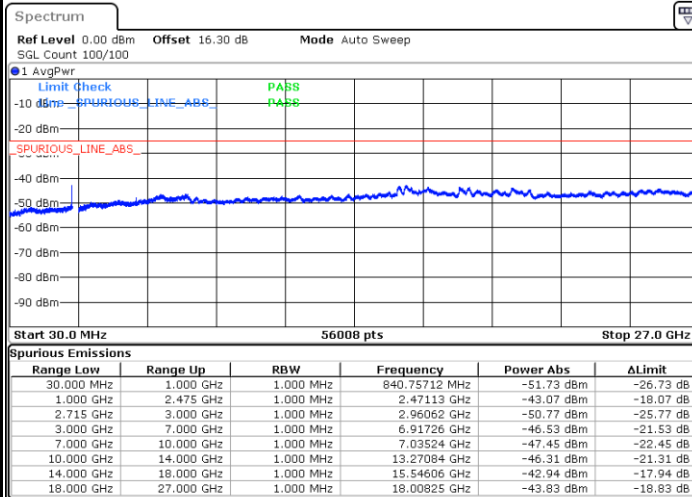


Date: 14.JUL.2025 19:25:07



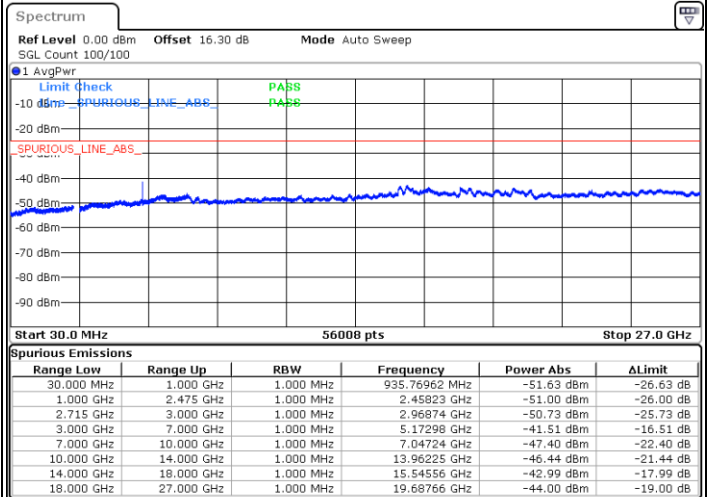
LTE Band 41 / 15MHz

Lowest Channel / QPSK



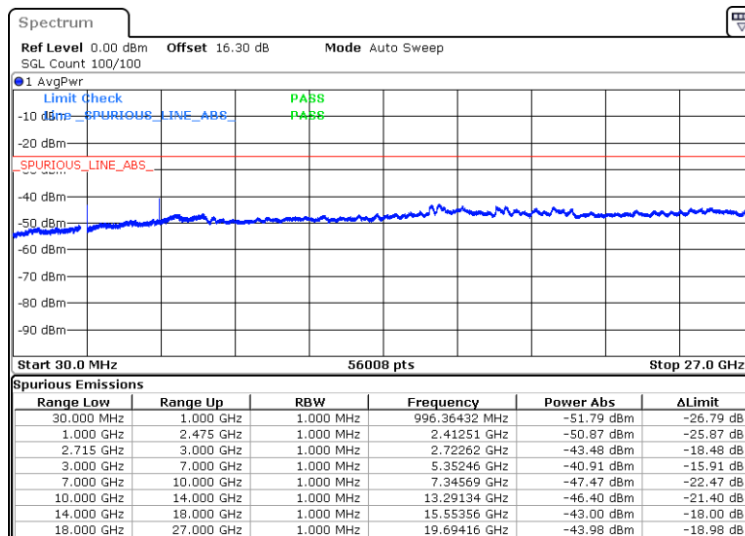
Date: 14.JUL.2025 19:26:31

Middle Channel / QPSK



Date: 14.JUL.2025 19:27:54

Highest Channel / QPSK

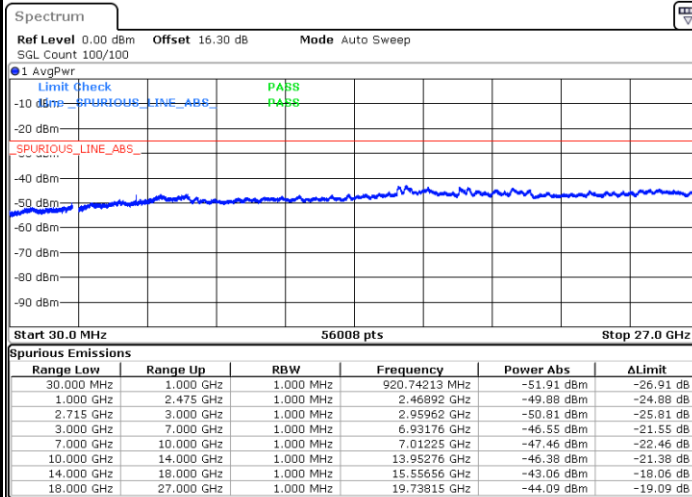


Date: 14.JUL.2025 19:29:16



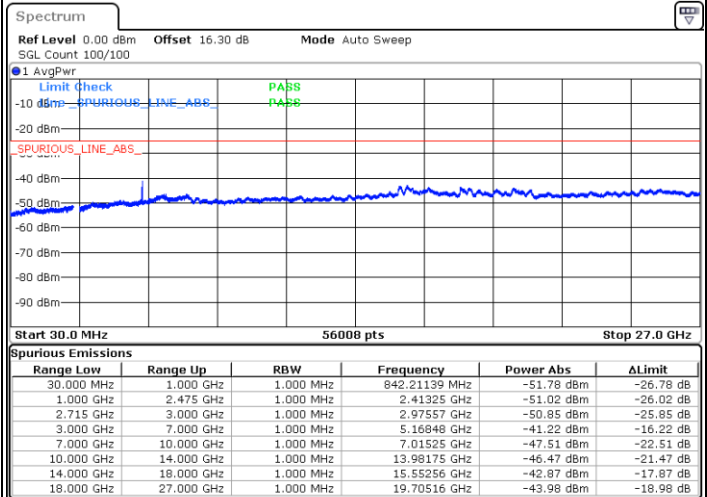
LTE Band 41 / 20MHz

Lowest Channel / QPSK



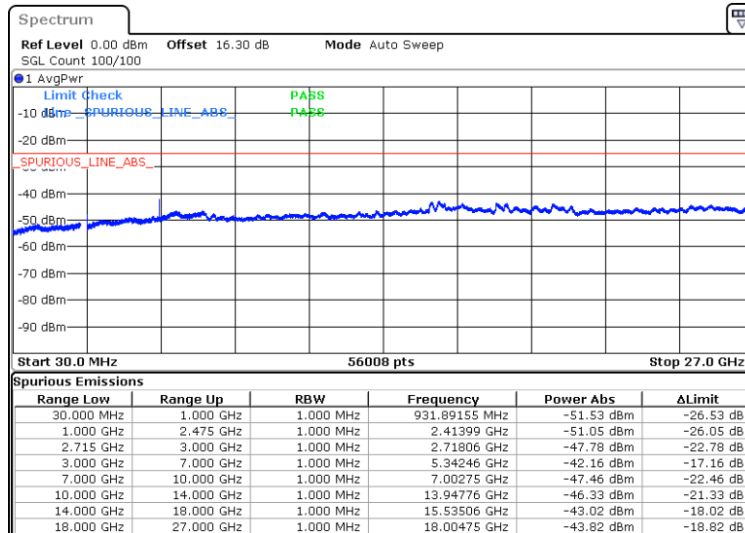
Date: 14.JUL.2025 19:30:41

Middle Channel / QPSK



Date: 14.JUL.2025 19:32:03

Highest Channel / QPSK



Date: 14.JUL.2025 19:33:26

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	0.0043	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0046	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0048	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0045	

Note:

1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.135 V. ; Maximum Voltage = 3.6 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	25.00	25.35	29.94	25.35	30.72
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.93	24.95	30.18	35.00	40.00

Mode	LTE Band 41C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.75	25.10	30.12	25.20	30.54
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.21	25.10	31.20	34.93	39.92

Mode	LTE Band 41C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.80	25.25	29.76	25.15	30.66
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.93	24.95	29.94	35.21	39.84

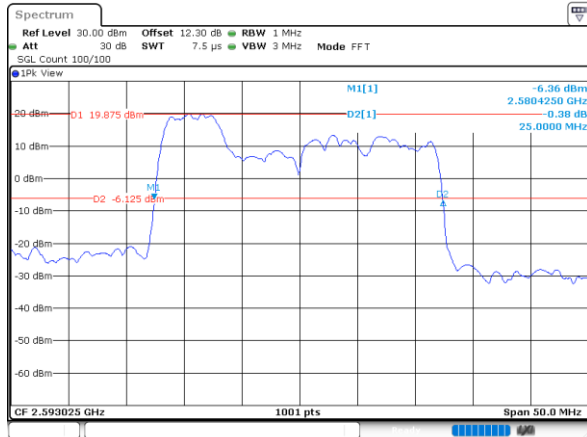
Mode	LTE Band 41C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.70	25.15	30.06	25.25	30.66
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.00	25.00	30.18	34.86	40.00



LTE Band 41C

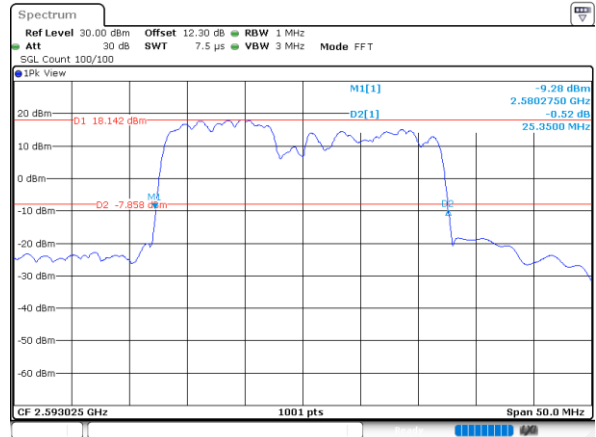
QPSK

Middle Channel / 5MHz+20MHz



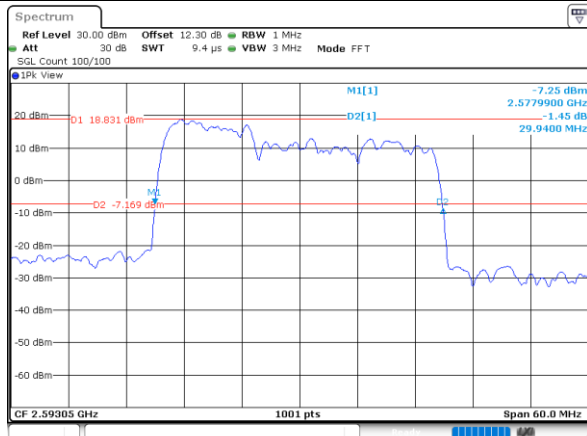
Date: 1.AUG.2025 16:43:22

Middle Channel / 10MHz+15MHz



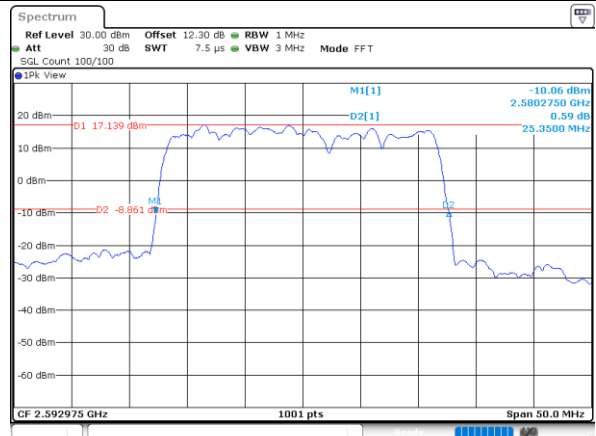
Date: 1.AUG.2025 16:48:07

Middle Channel / 10MHz+20MHz



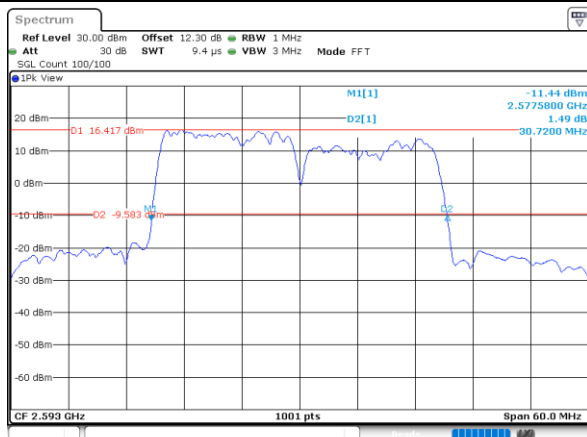
Date: 1.AUG.2025 16:52:01

Middle Channel / 15MHz+10MHz



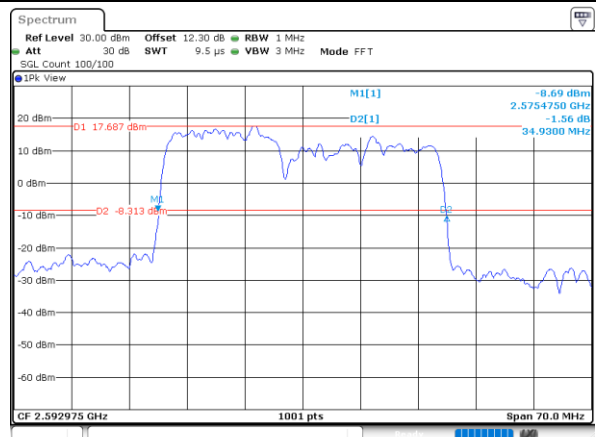
Date: 1.AUG.2025 16:49:59

Middle Channel / 15MHz+15MHz



Date: 1.AUG.2025 16:56:47

Middle Channel / 15MHz+20MHz



Date: 1.AUG.2025 16:58:36



Middle Channel / 20MHz+5MHz



Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

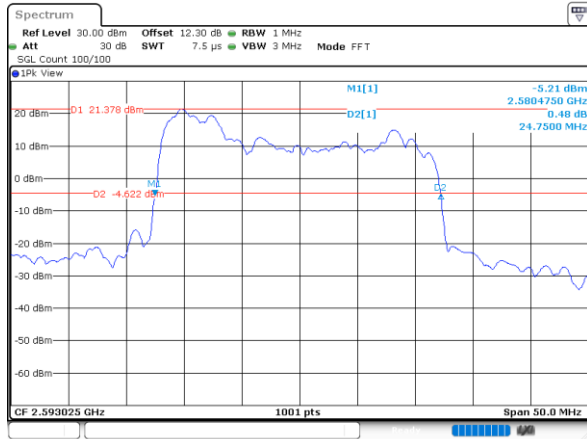




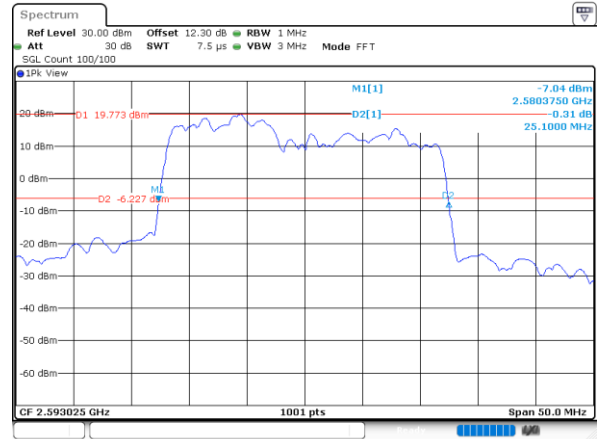
LTE Band 41C

16QAM

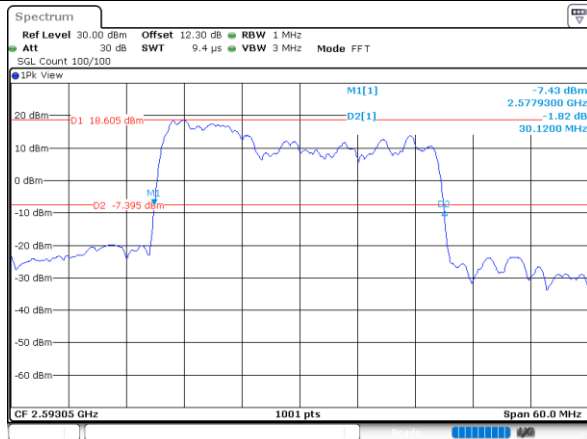
Middle Channel / 5MHz+20MHz



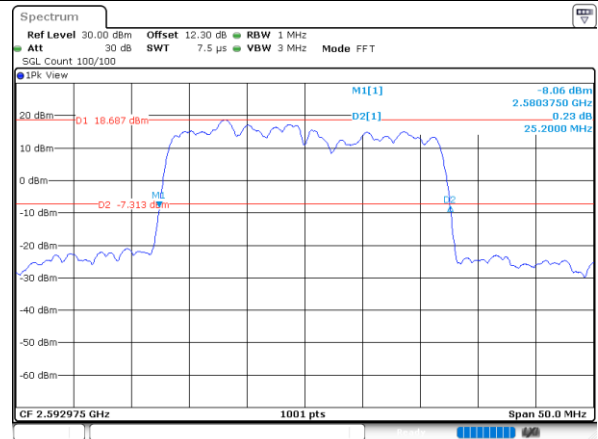
Middle Channel / 10MHz+15MHz



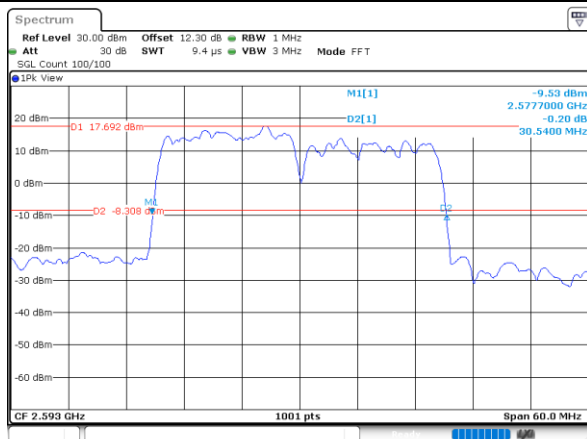
Middle Channel / 10MHz+20MHz



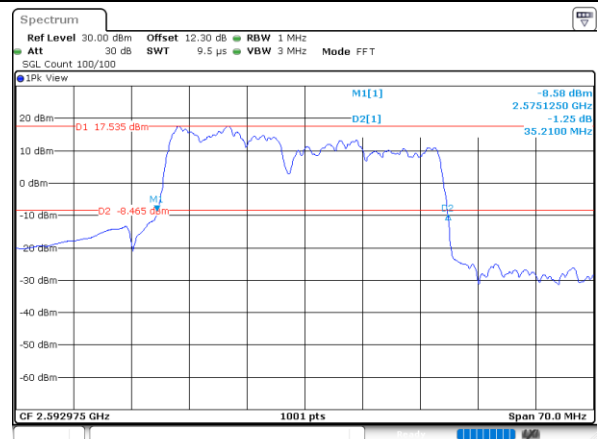
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

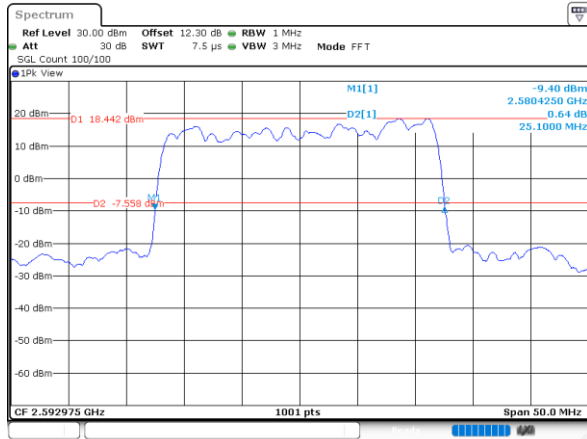




LTE Band 41C

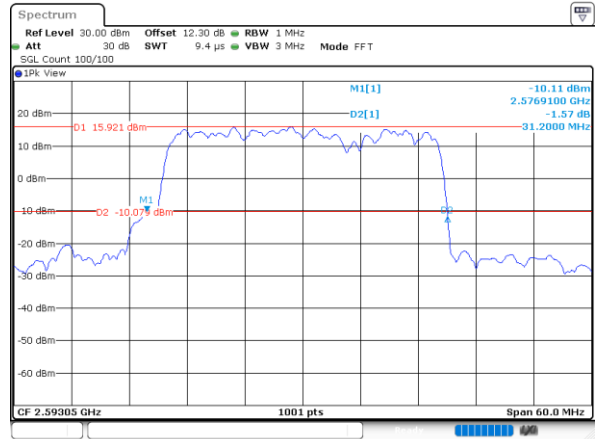
16QAM

Middle Channel / 20MHz+5MHz



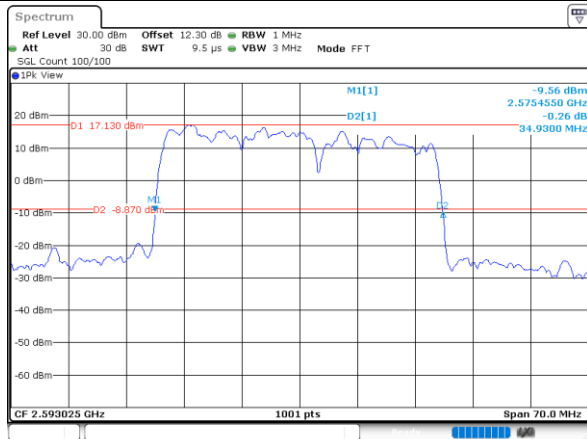
Date: 1.AUG.2025 16:45:40

Middle Channel / 20MHz+10MHz



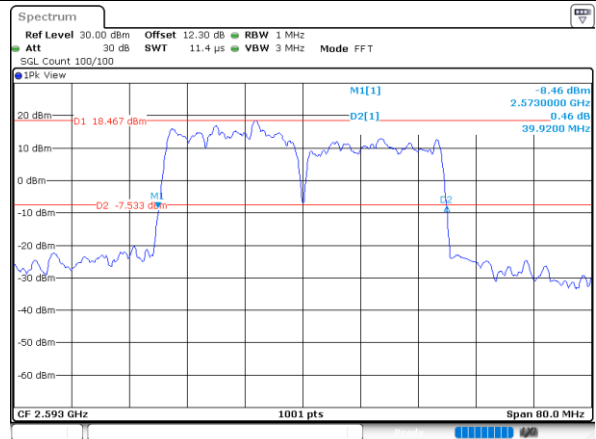
Date: 1.AUG.2025 16:55:20

Middle Channel / 20MHz+15MHz



Date: 1.AUG.2025 17:00:55

Middle Channel / 20MHz+20MHz



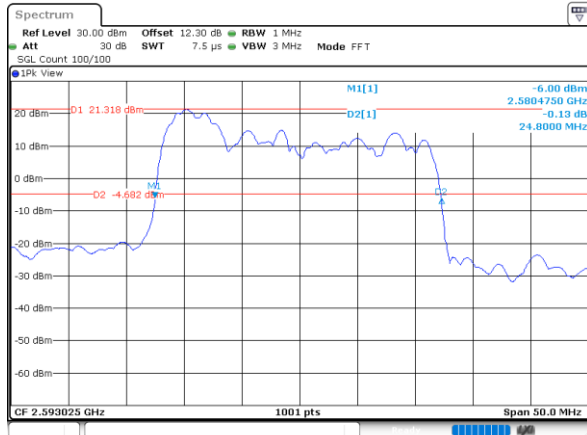
Date: 1.AUG.2025 17:02:44



LTE Band 41C

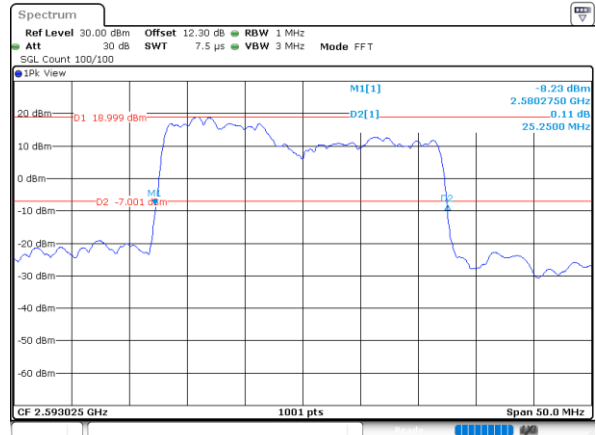
64QAM

Middle Channel / 5MHz+20MHz



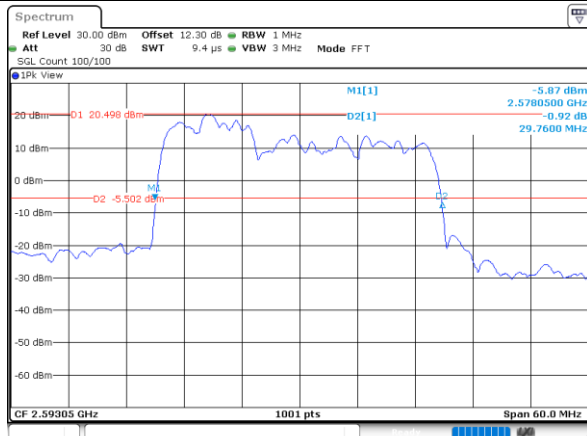
Date: 1.AUG.2025 16:44:14

Middle Channel / 10MHz+15MHz



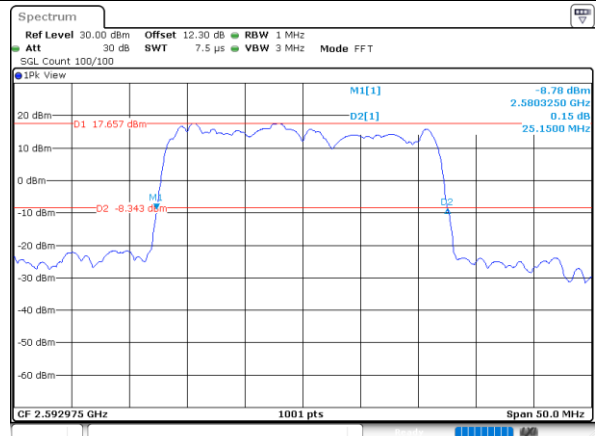
Date: 1.AUG.2025 16:48:59

Middle Channel / 10MHz+20MHz



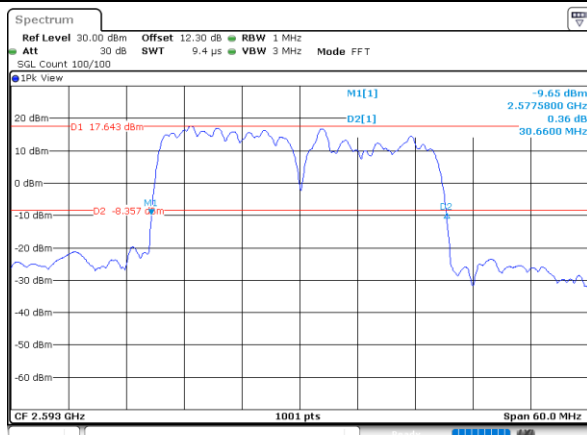
Date: 1.AUG.2025 16:52:54

Middle Channel / 15MHz+10MHz



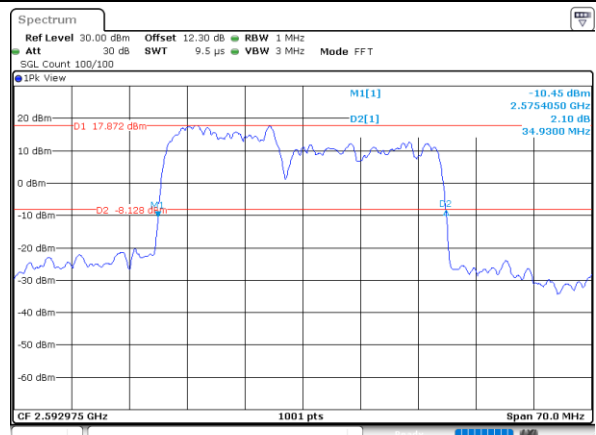
Date: 1.AUG.2025 16:50:52

Middle Channel / 15MHz+15MHz



Date: 1.AUG.2025 16:57:39

Middle Channel / 15MHz+20MHz



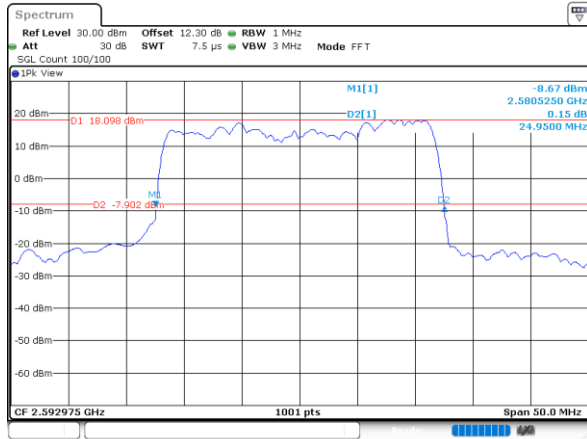
Date: 1.AUG.2025 16:59:28



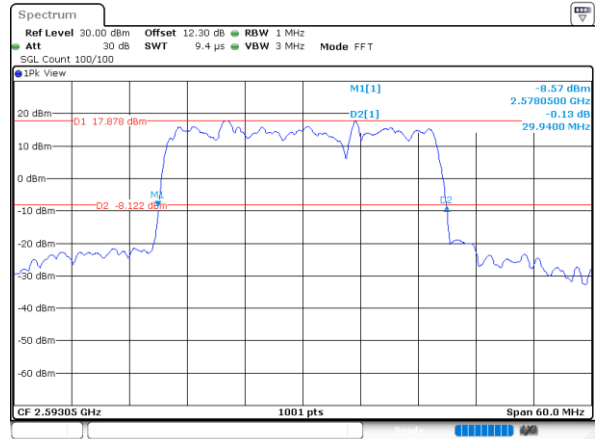
LTE Band 41C

64QAM

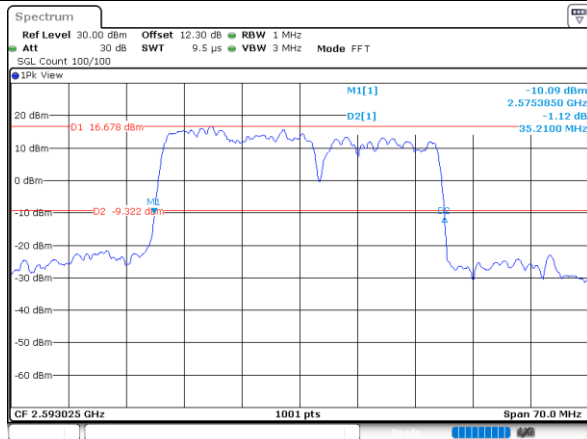
Middle Channel / 20MHz+5MHz



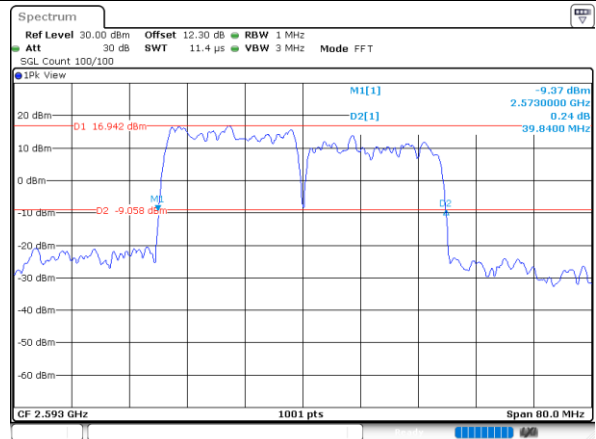
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

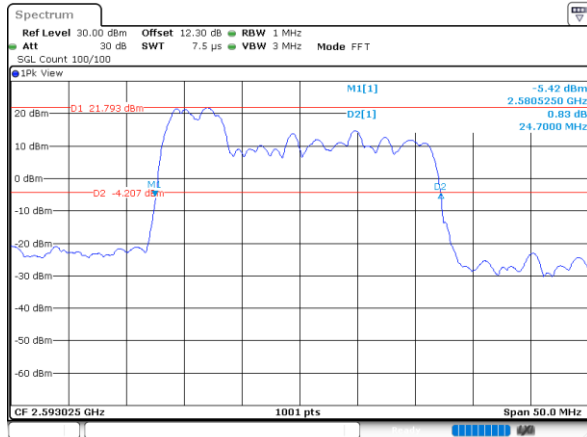




LTE Band 41C

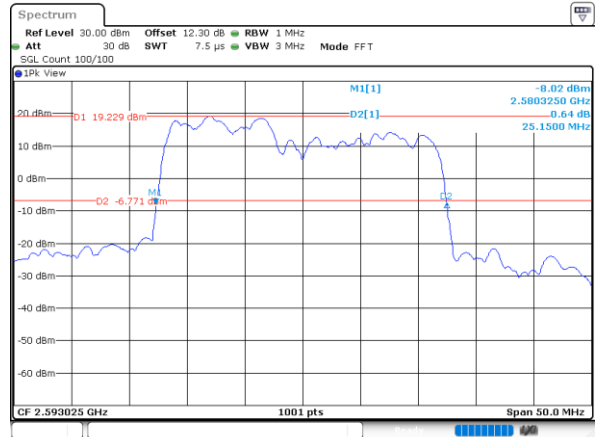
256QAM

Middle Channel / 5MHz+20MHz



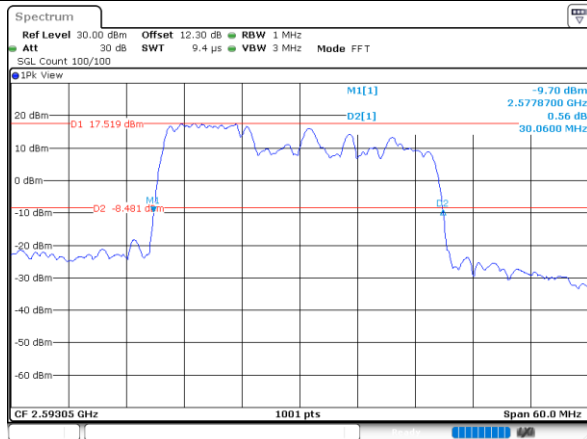
Date: 1.AUG.2025 16:44:40

Middle Channel / 10MHz+15MHz



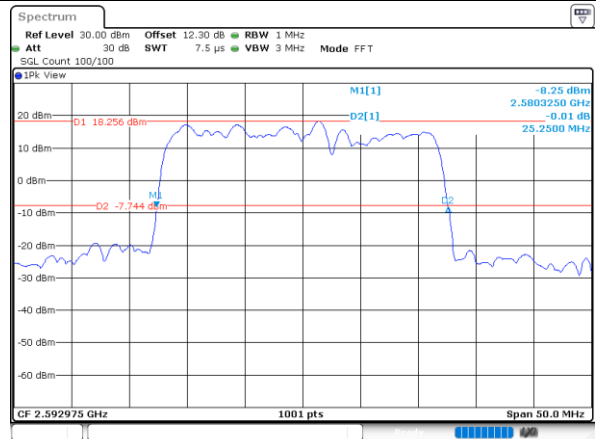
Date: 1.AUG.2025 16:49:25

Middle Channel / 10MHz+20MHz



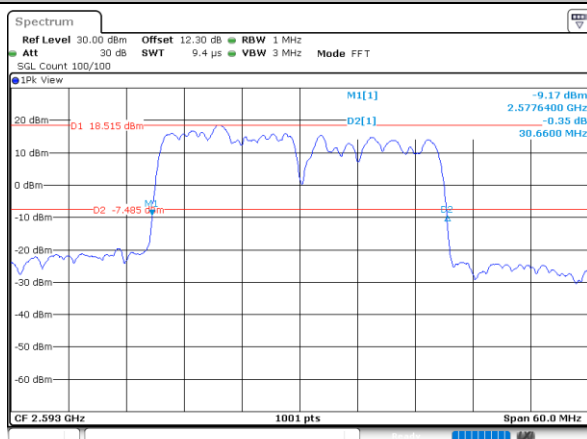
Date: 1.AUG.2025 16:53:20

Middle Channel / 15MHz+10MHz



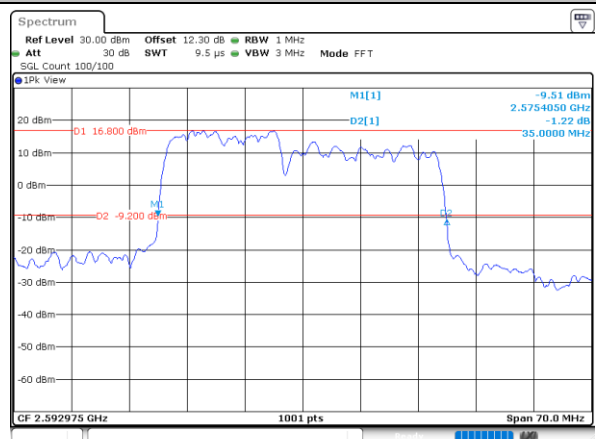
Date: 1.AUG.2025 16:51:18

Middle Channel / 15MHz+15MHz



Date: 1.AUG.2025 16:58:05

Middle Channel / 15MHz+20MHz



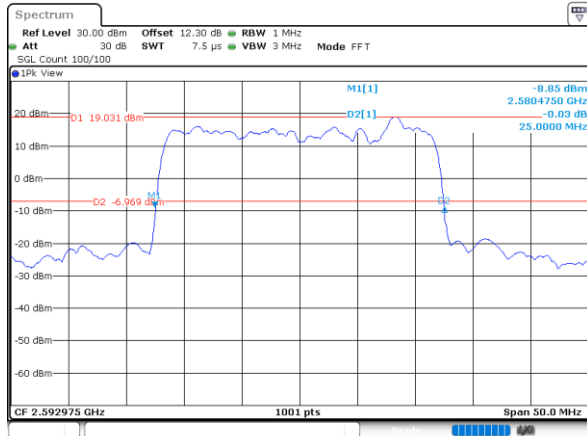
Date: 1.AUG.2025 16:59:55



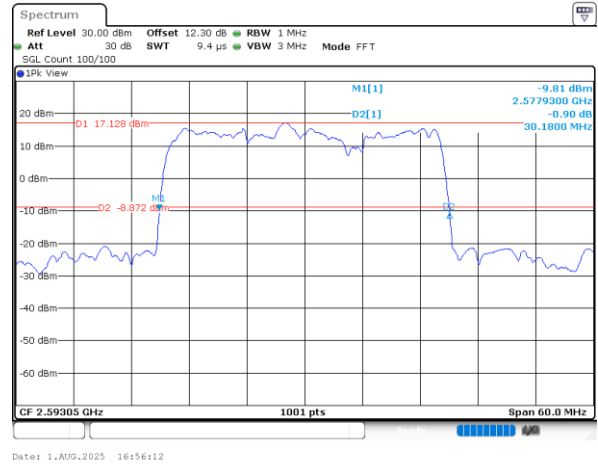
LTE Band 41C

256QAM

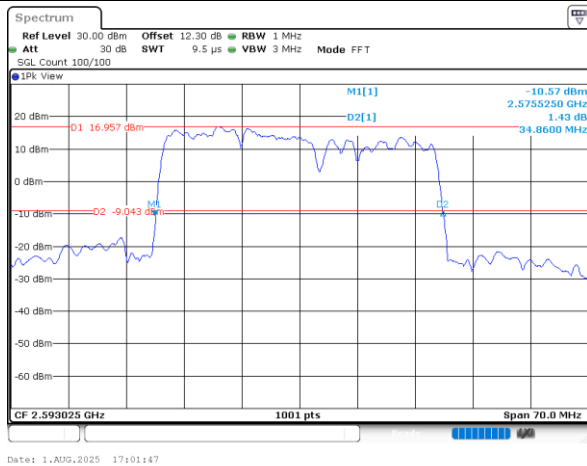
Middle Channel / 20MHz+5MHz



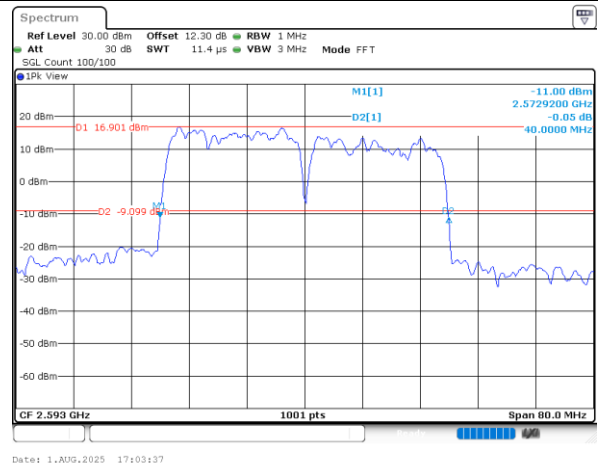
Middle Channel / 20MHz+10MHz



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	23.16	23.20	28.09	23.39	28.44
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.00	23.21	28.18	33.00	37.47

Mode	LTE Band 41C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.99	23.33	28.20	23.34	28.77
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.79	23.26	28.09	32.84	37.48

Mode	LTE Band 41C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.00	23.46	27.92	23.38	28.71
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.56	23.24	28.01	32.86	37.45

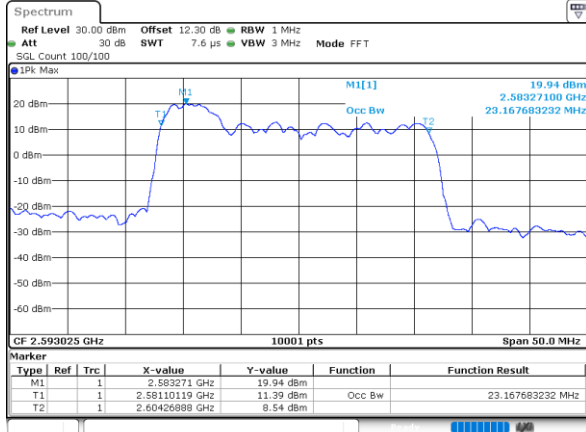
Mode	LTE Band 41C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	22.89	23.05	28.18	23.61	28.73
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.12	23.23	28.09	32.86	37.71



LTE Band 41C

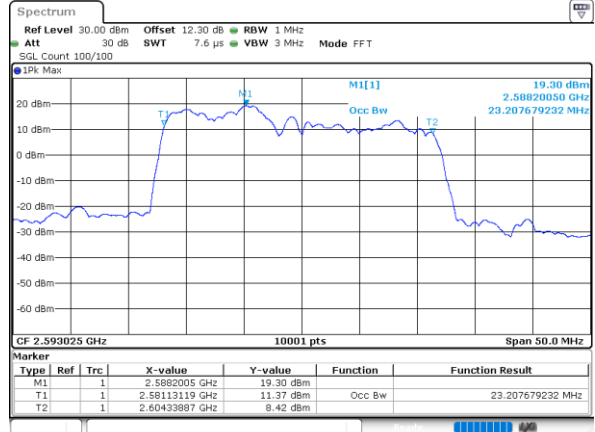
QPSK

Middle Channel / 5MHz+20MHz



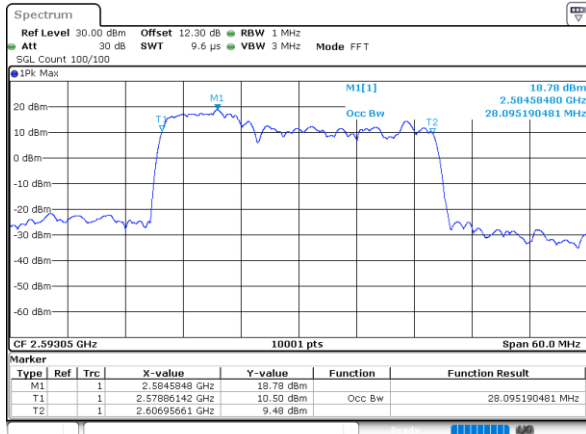
Date: 1.AUG.2025 16:18:51

Middle Channel / 10MHz+15MHz



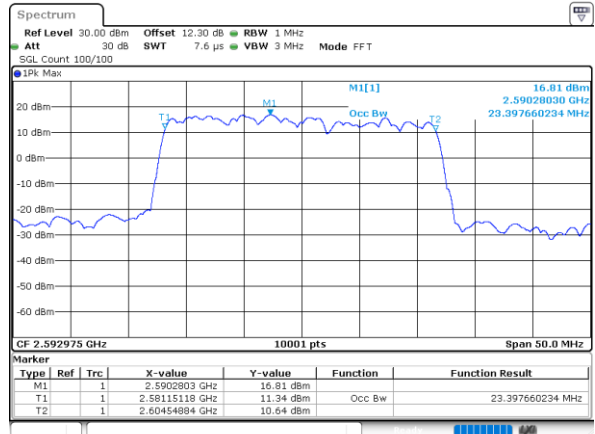
Date: 1.AUG.2025 16:26:15

Middle Channel / 10MHz+20MHz



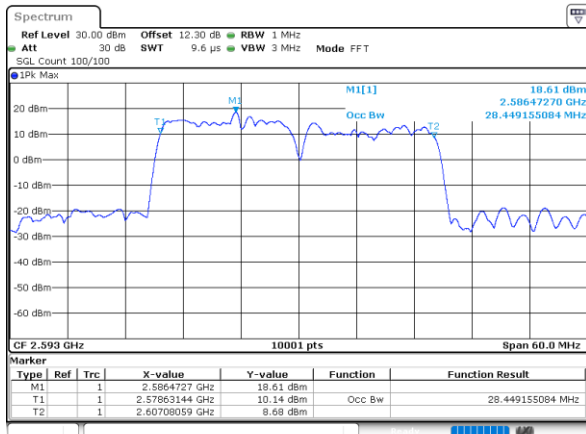
Date: 1.AUG.2025 16:31:46

Middle Channel / 15MHz+10MHz



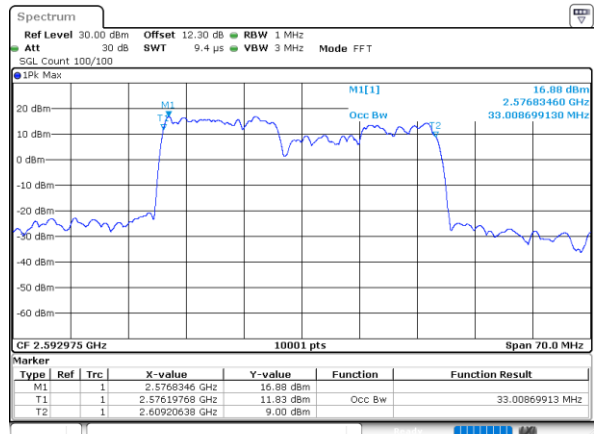
Date: 1.AUG.2025 16:28:15

Middle Channel / 15MHz+15MHz



Date: 1.AUG.2025 16:35:47

Middle Channel / 15MHz+20MHz



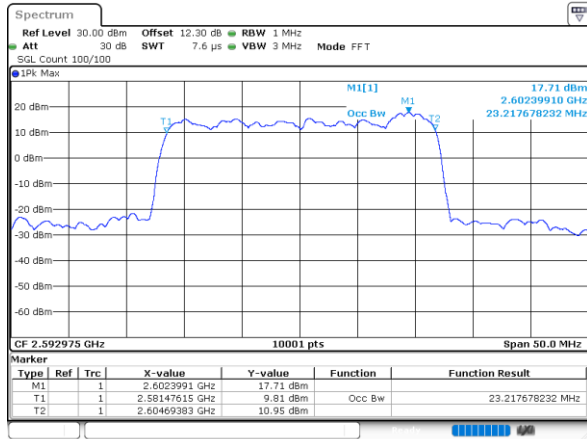
Date: 1.AUG.2025 16:37:34



LTE Band 41C

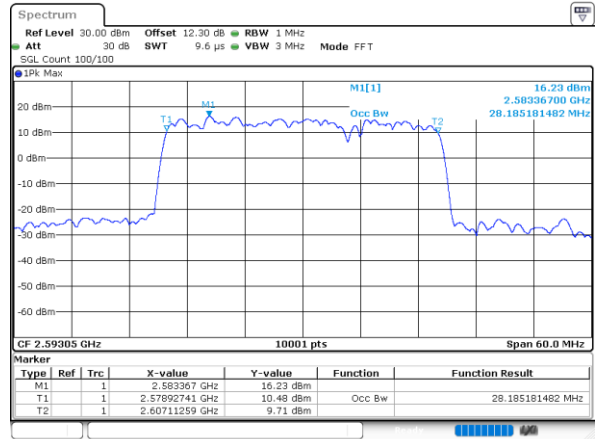
QPSK

Middle Channel / 20MHz+5MHz



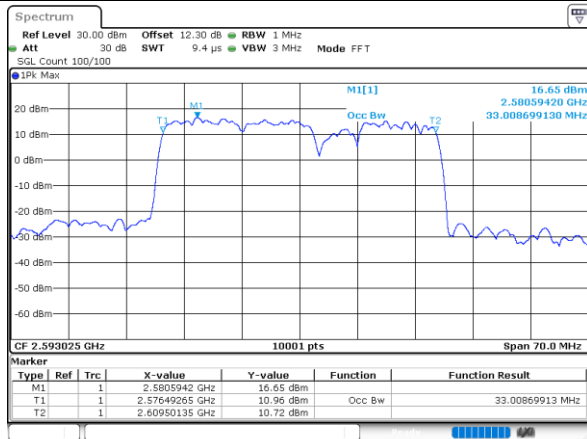
Date: 1.AUG.2025 16:20:51

Middle Channel / 20MHz+10MHz



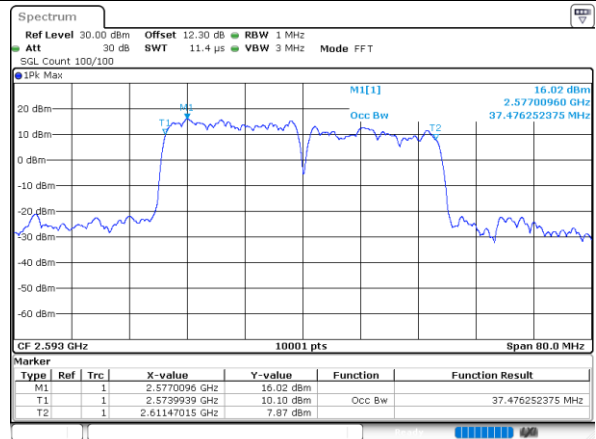
Date: 1.AUG.2025 16:33:56

Middle Channel / 20MHz+15MHz



Date: 1.AUG.2025 16:39:34

Middle Channel / 20MHz+20MHz



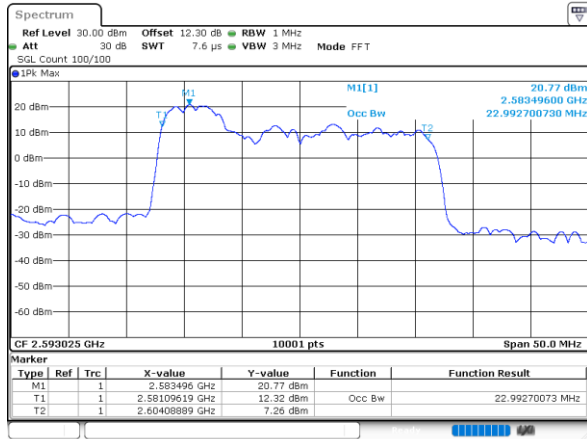
Date: 1.AUG.2025 16:41:21



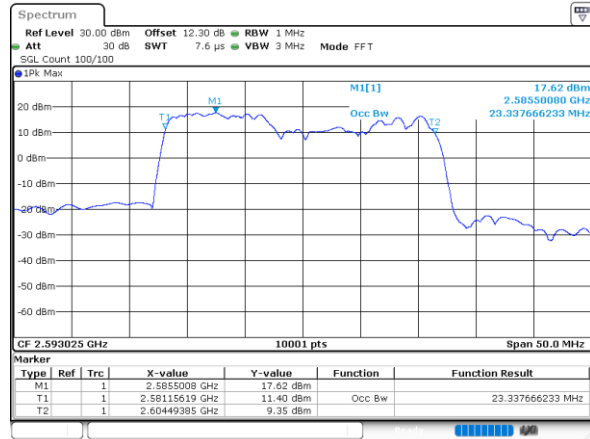
LTE Band 41C

16QAM

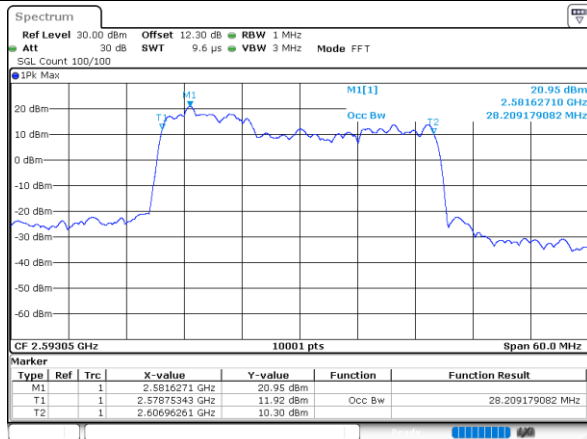
Middle Channel / 5MHz+20MHz



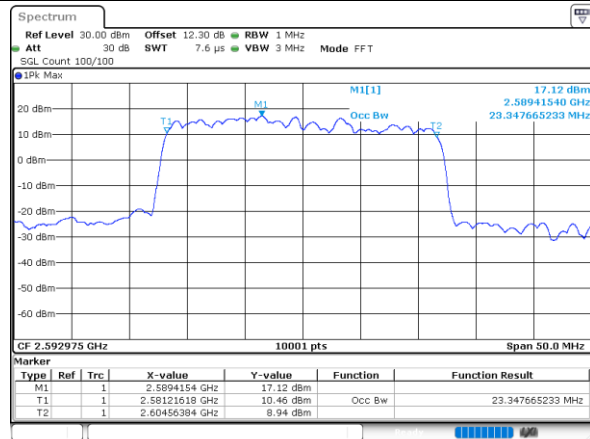
Middle Channel / 10MHz+15MHz



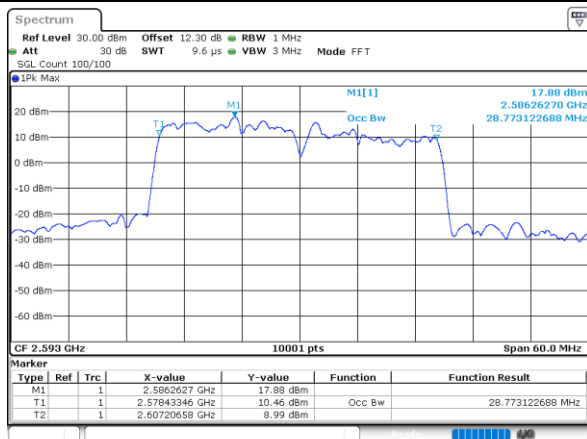
Middle Channel / 10MHz+20MHz



Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

