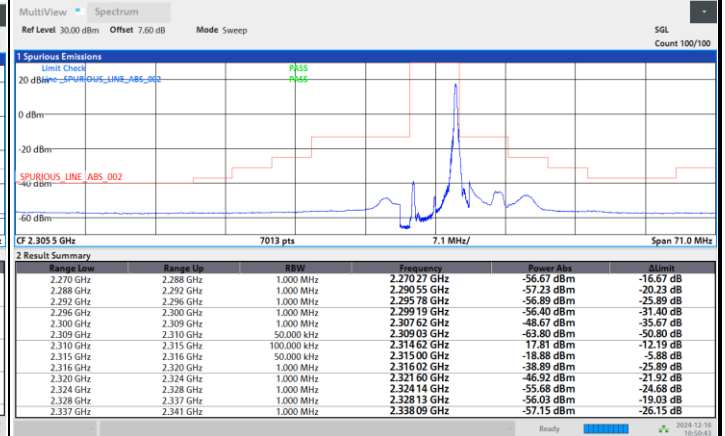
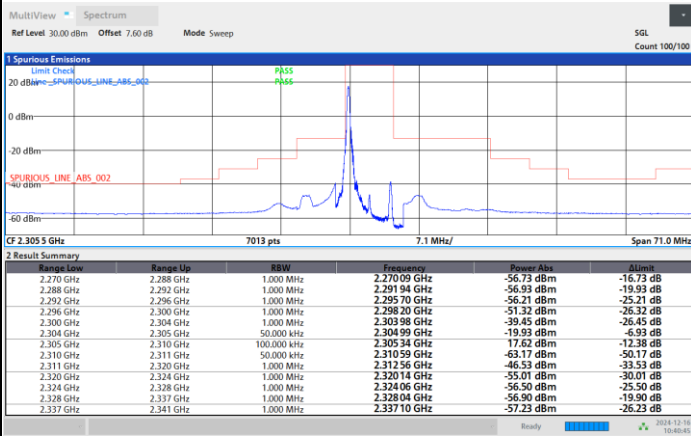




FR1 n30 / 5MHz / DFT-S OFDM / 64QAM

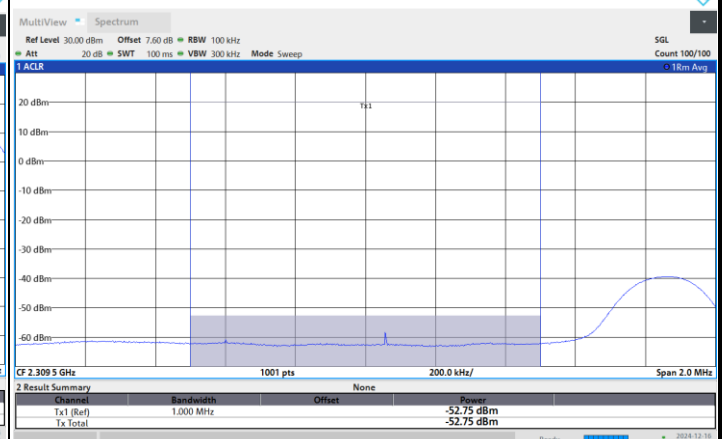
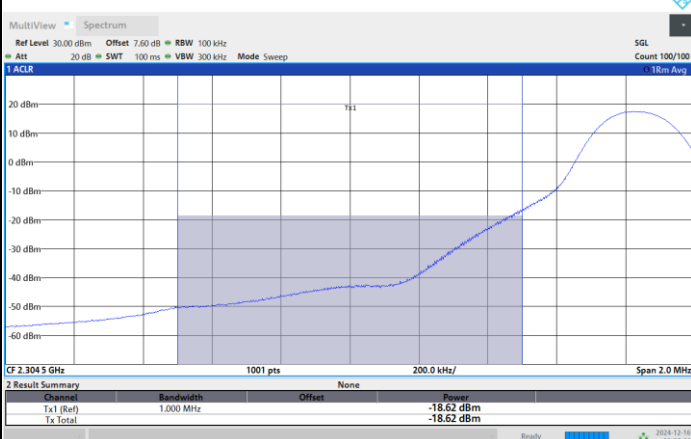
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / 1 RB / Lower zoom in

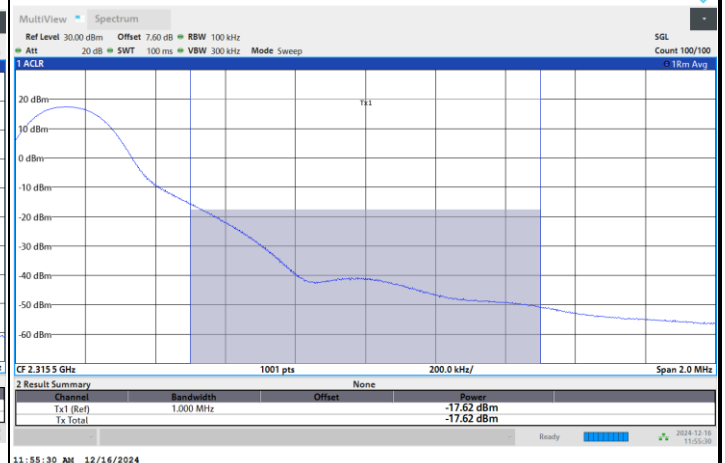
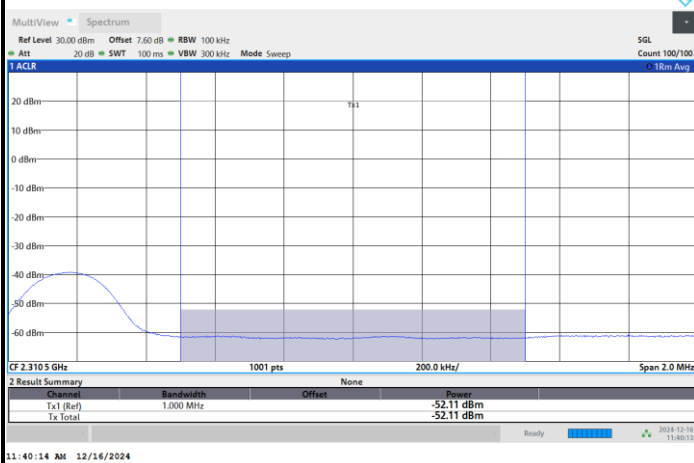
Highest Band Edge / 1 RB / Lower zoom in





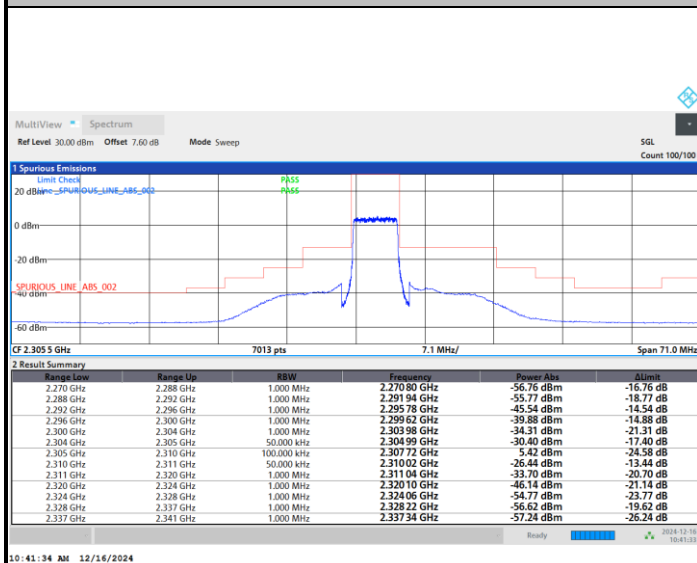
Lowest Band Edge / 1 RB / Upper zoom in

Highest Band Edge / 1 RB / Upper zoom in

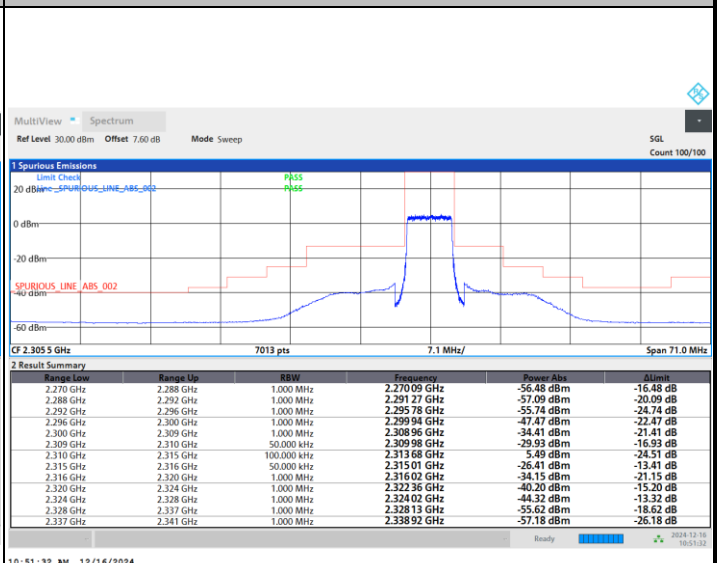




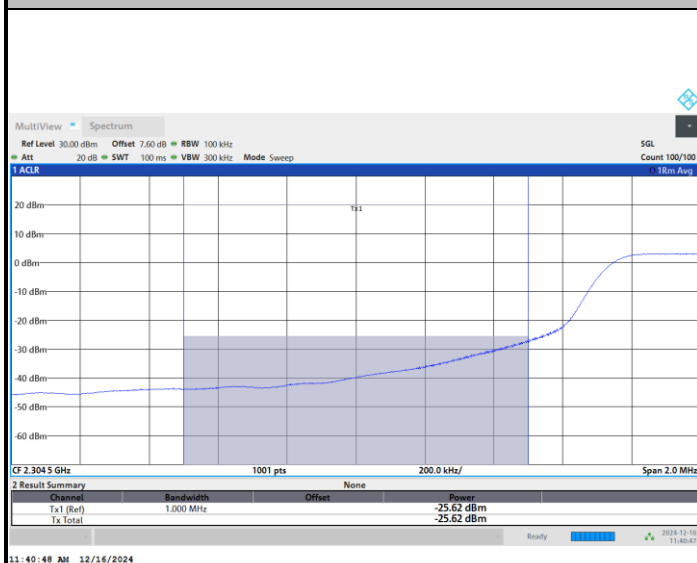
Lowest Band Edge / Full RB



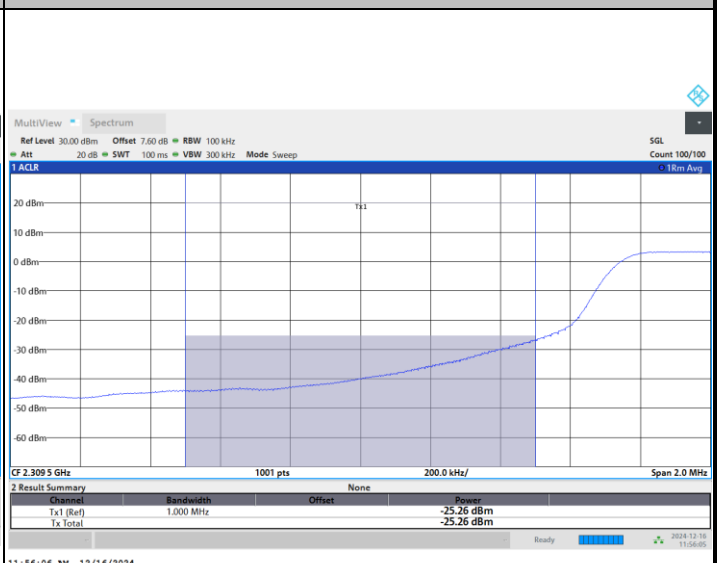
Highest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in



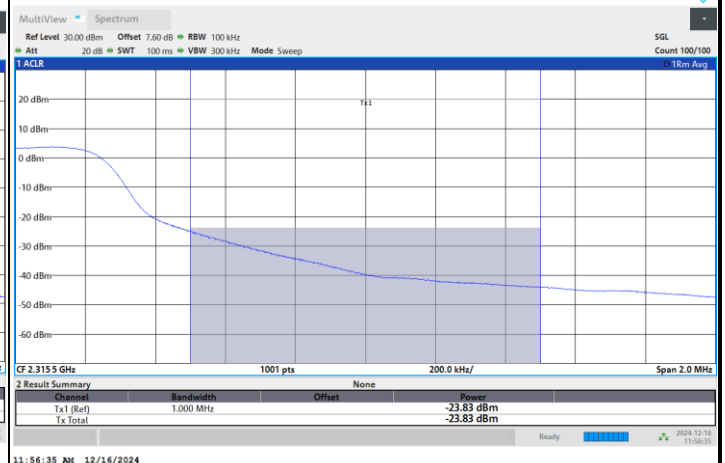
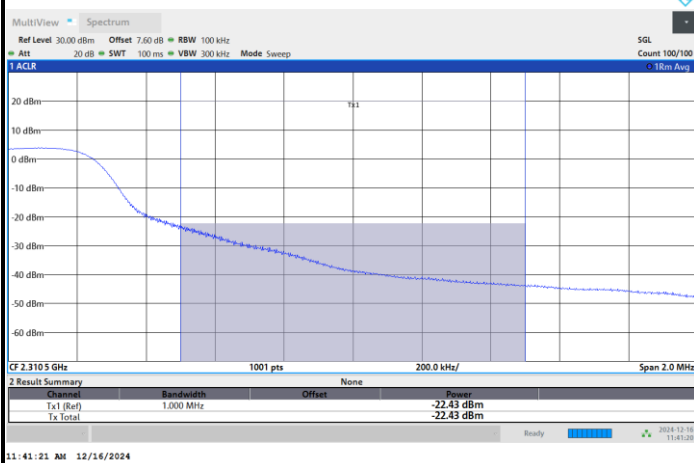
Highest Band Edge / Full RB / Lower zoom in





Lowest Band Edge / Full RB / Upper zoom in

Highest Band Edge / Full RB / Upper zoom in

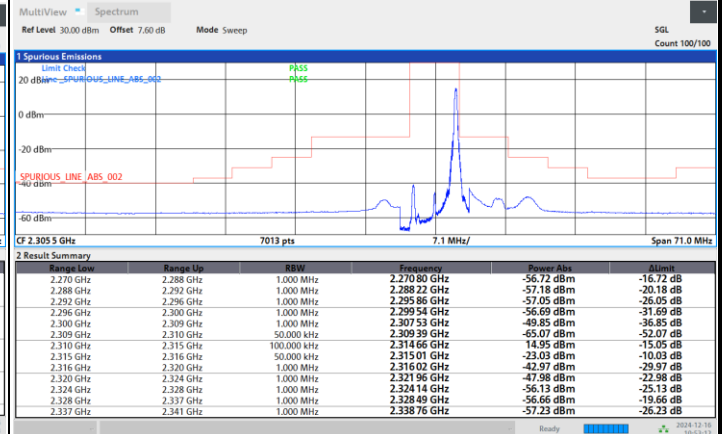
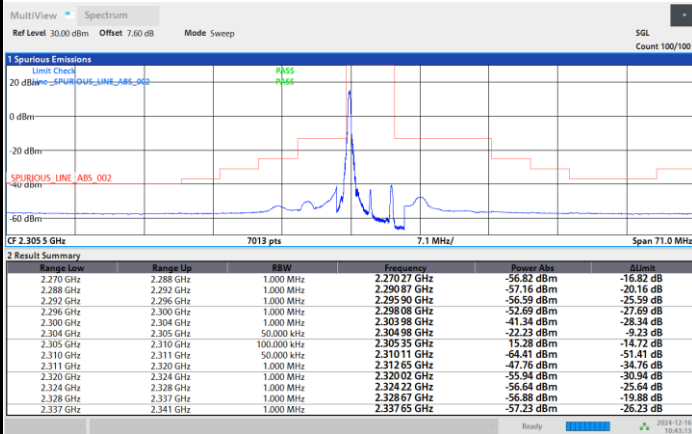




FR1 n30 / 5MHz / DFT-S OFDM / 256QAM

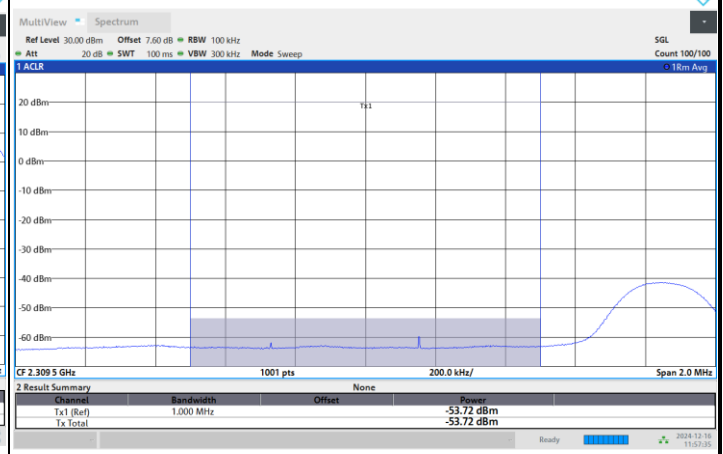
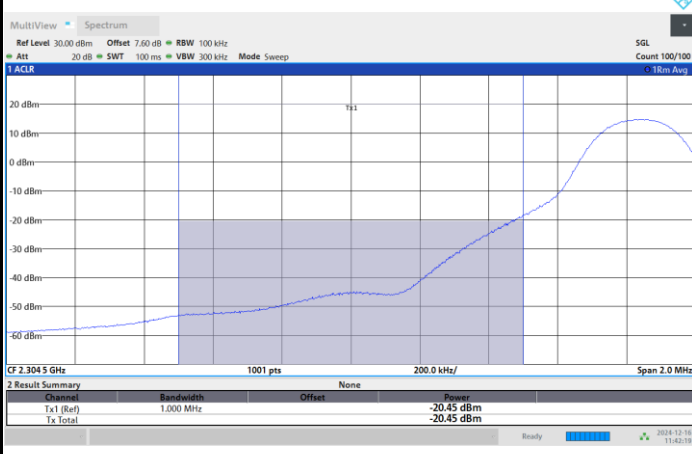
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / 1 RB / Lower zoom in

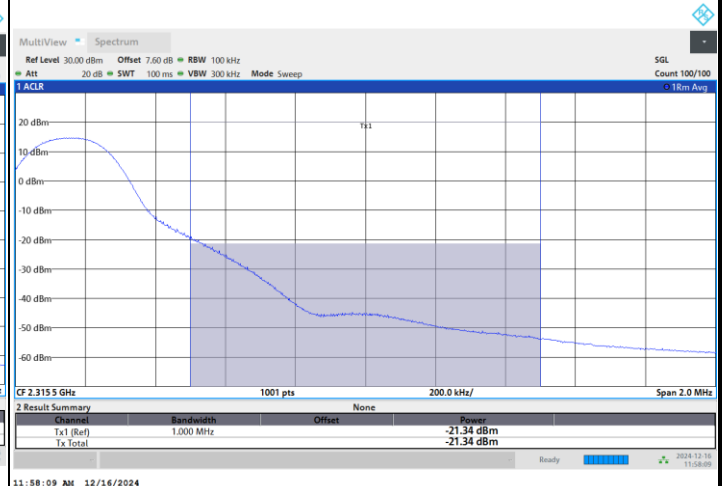
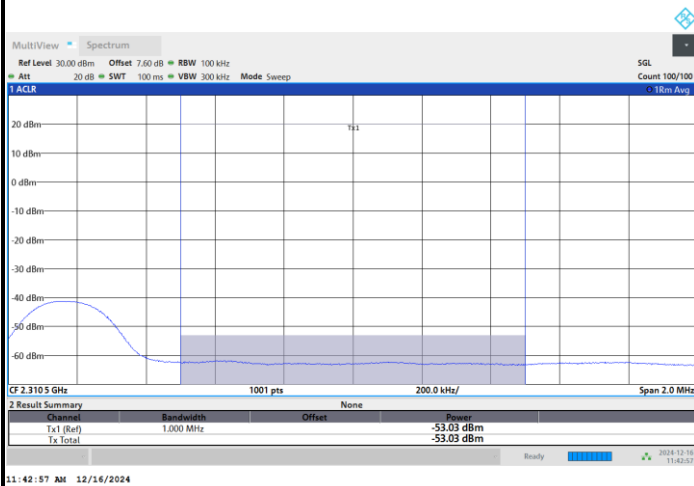
Highest Band Edge / 1 RB / Lower zoom in





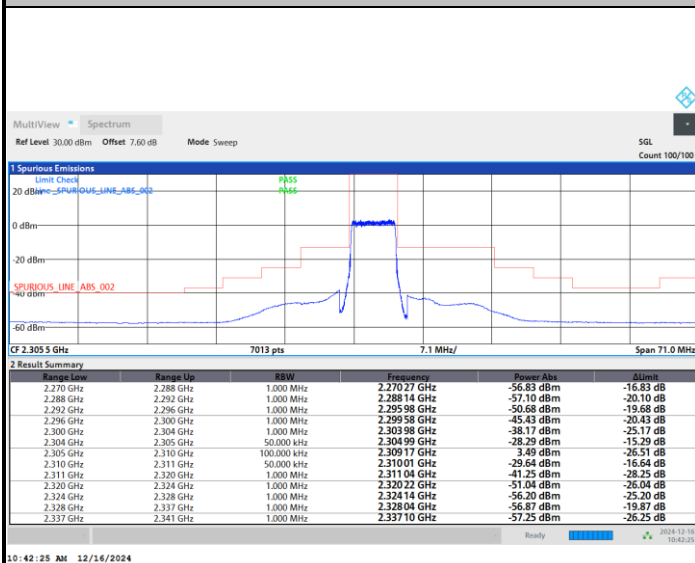
Lowest Band Edge / 1 RB / Upper zoom in

Highest Band Edge / 1 RB / Upper zoom in

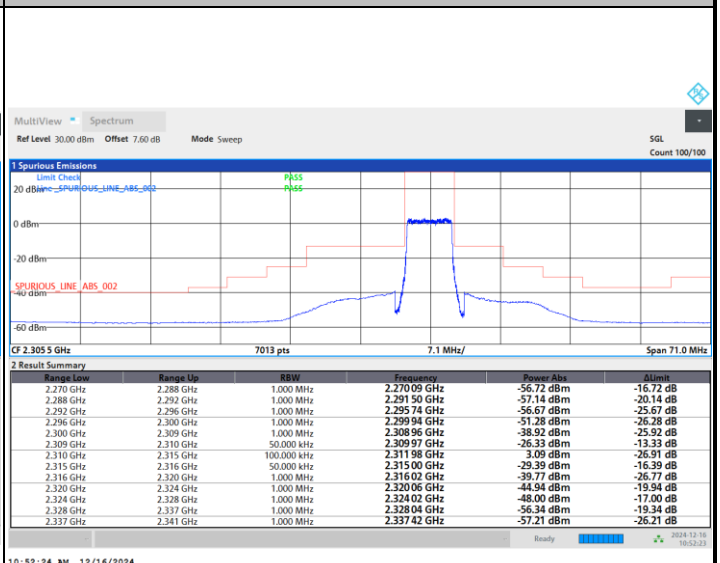




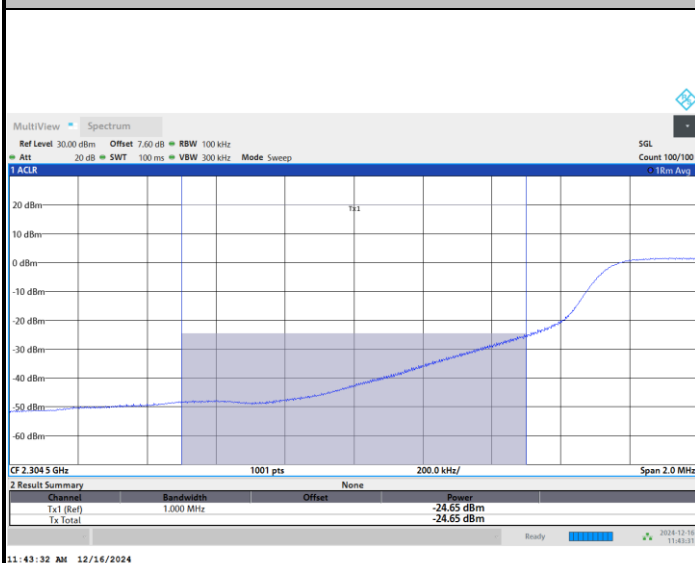
Lowest Band Edge / Full RB



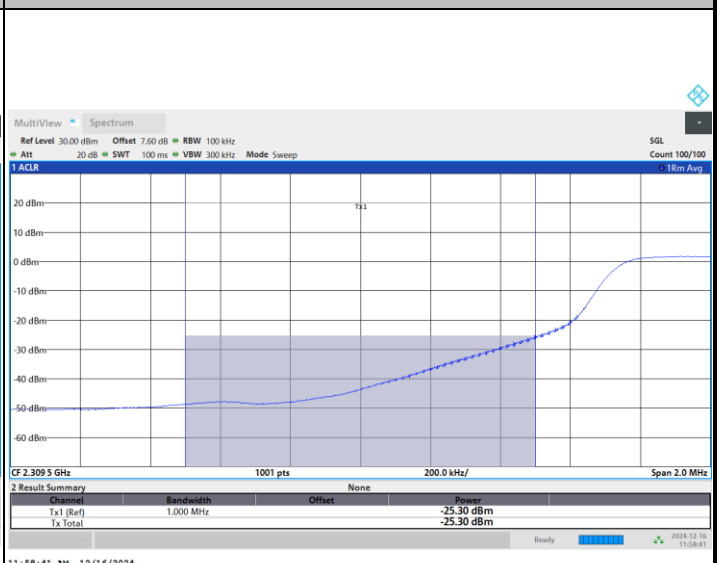
Highest Band Edge / Full RB



Lowest Band Edge / Full RB / Lower zoom in



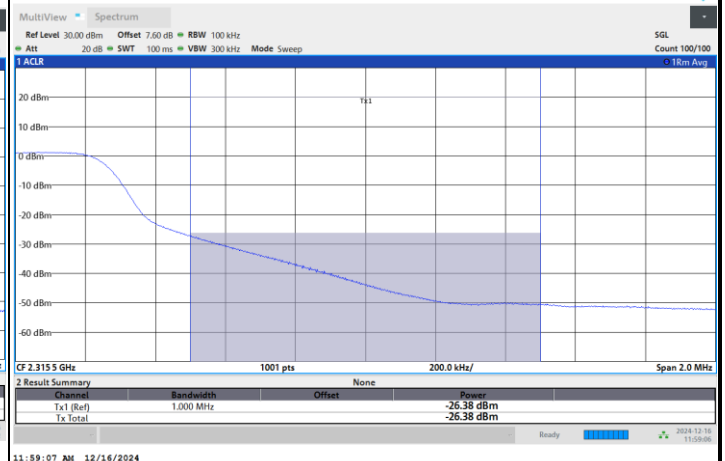
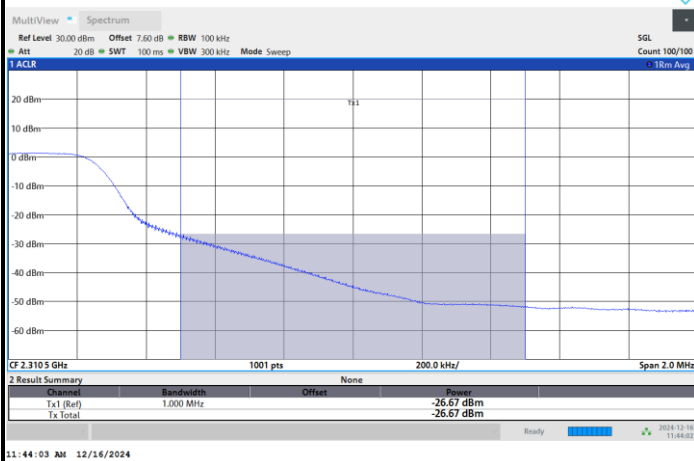
Highest Band Edge / Full RB / Lower zoom in





Lowest Band Edge / Full RB / Upper zoom in

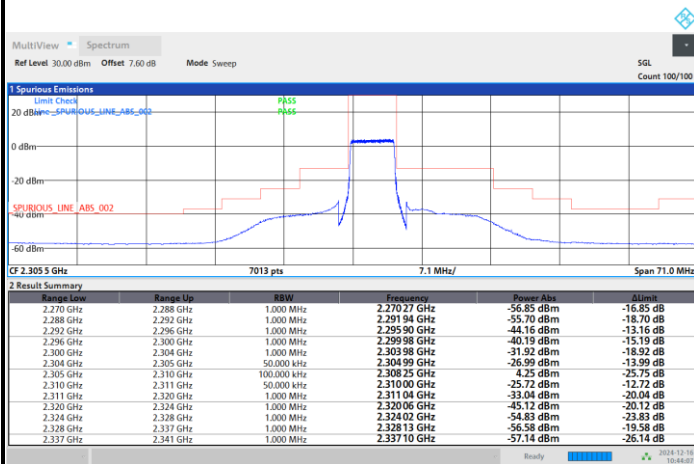
Highest Band Edge / Full RB / Upper zoom in



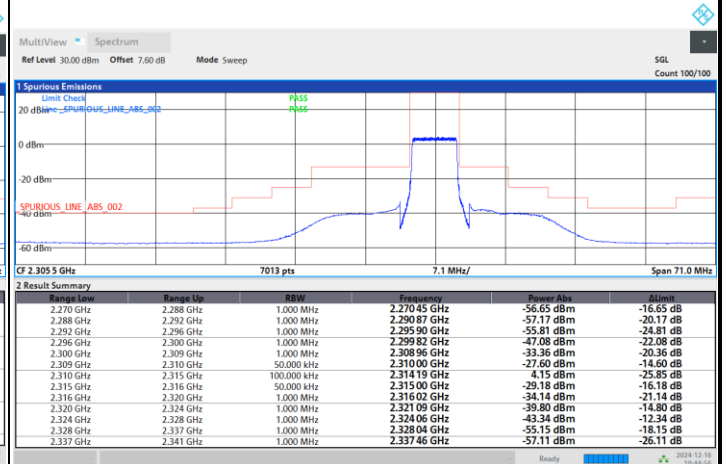


FR1 n30 / 5MHz / CP OFDM / QPSK / Full RB

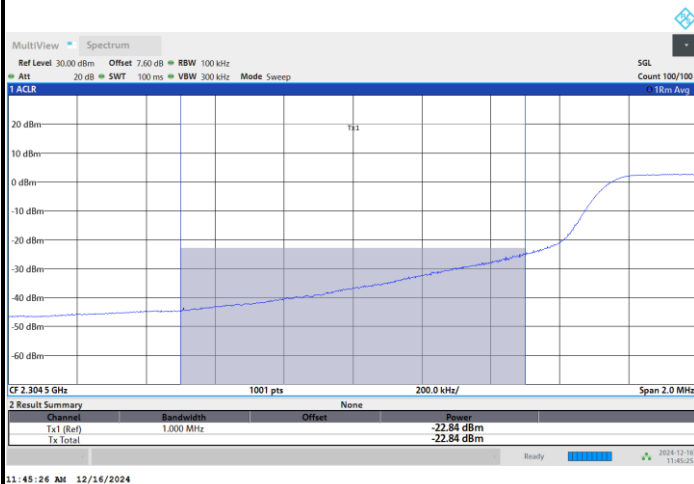
Lowest Band Edge



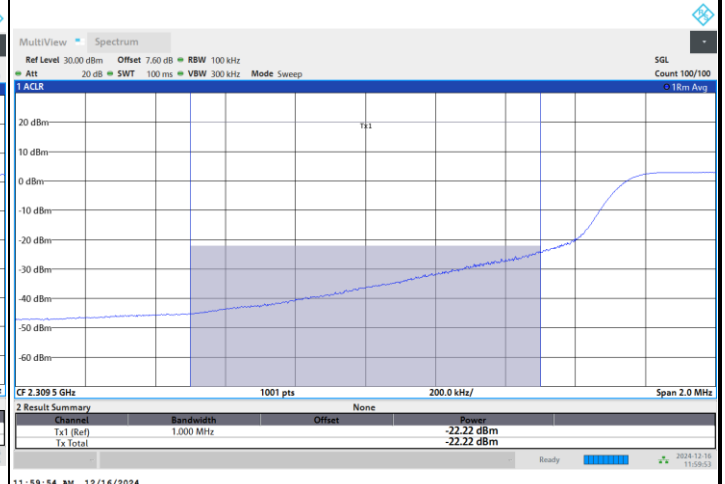
Highest Band Edge

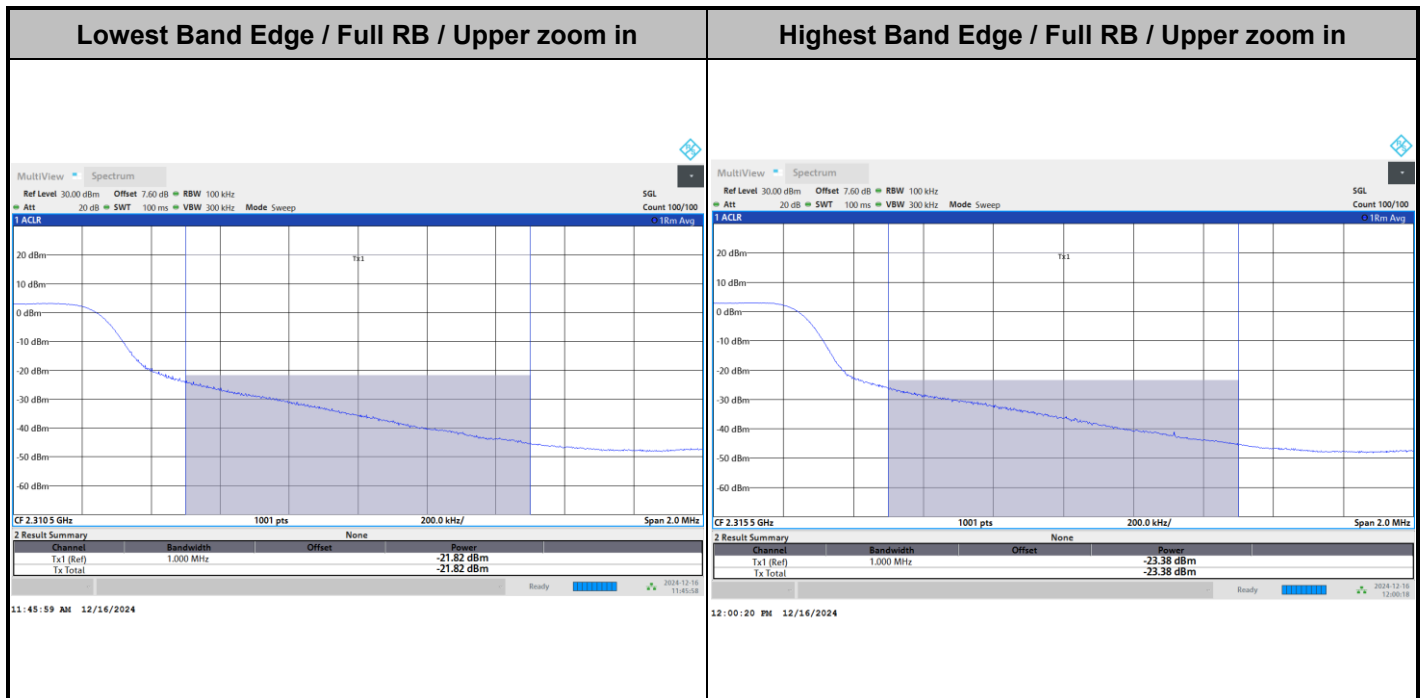


Lowest Band Edge / Full RB / Lower zoom in



Highest Band Edge / Full RB / Lower zoom in

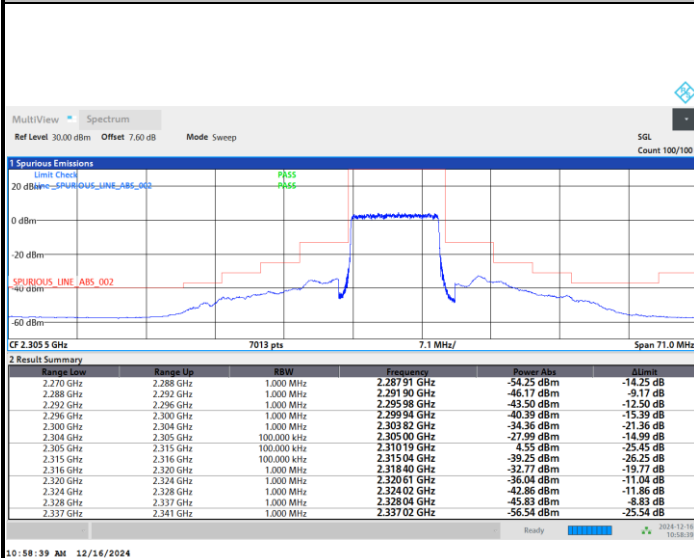




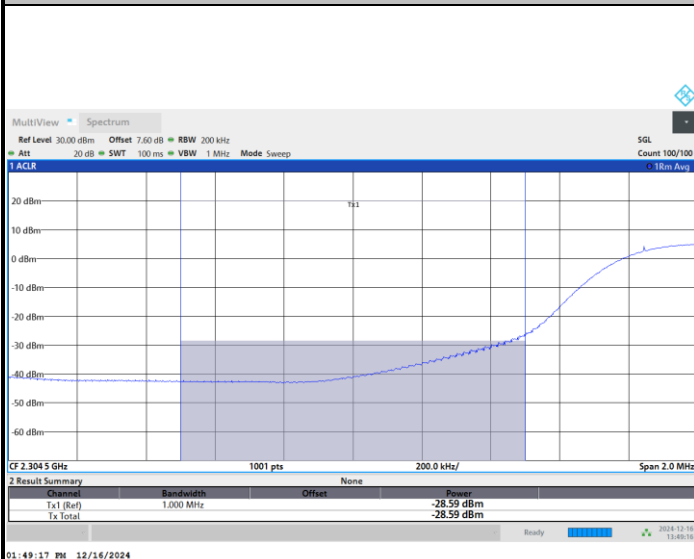


FR1 n30 / 10MHz / DFT-s-OFDM / PI/2 BPSK

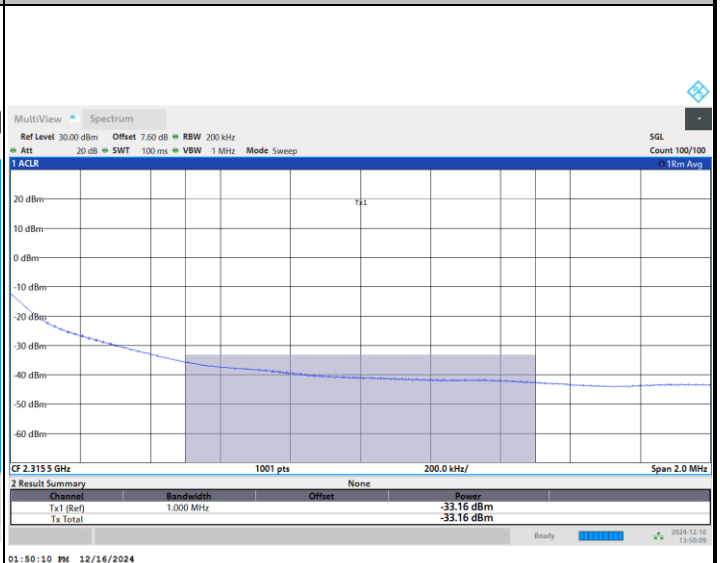
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



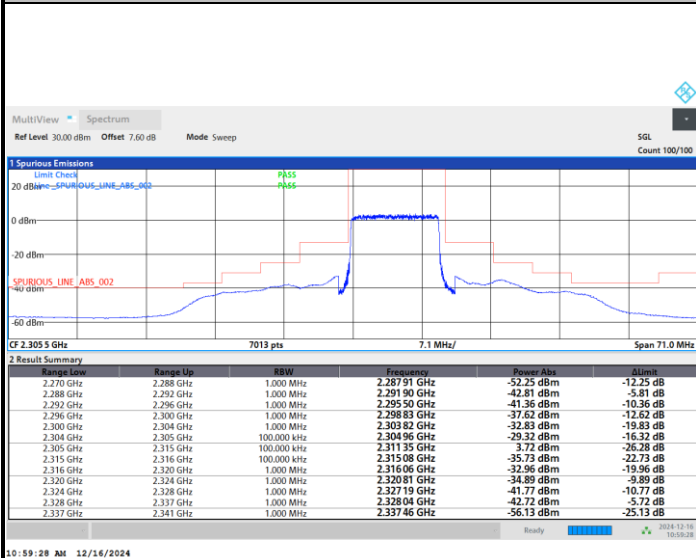
Middle Band Edge / Full RB / Upper zoom in



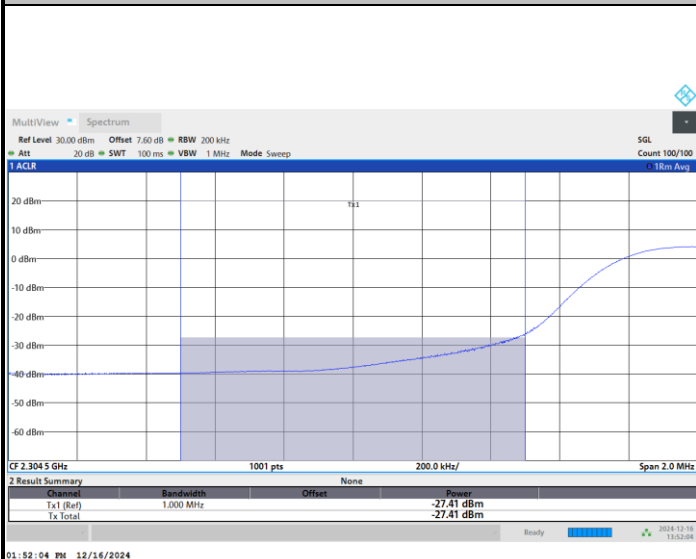


FR1 n30 / 10MHz / DFT-s-OFDM / QPSK

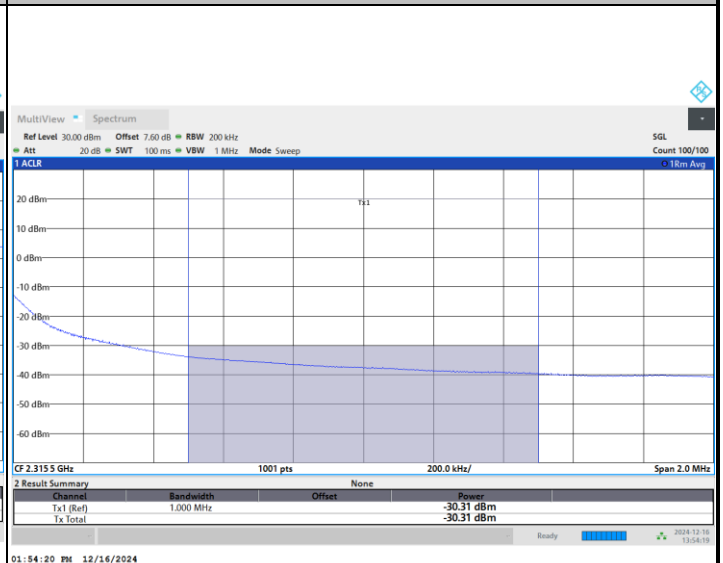
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



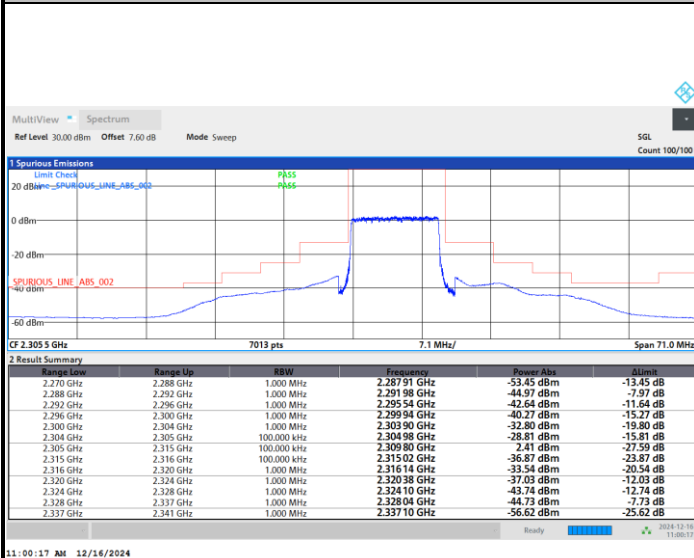
Middle Band Edge / Full RB / Upper zoom in



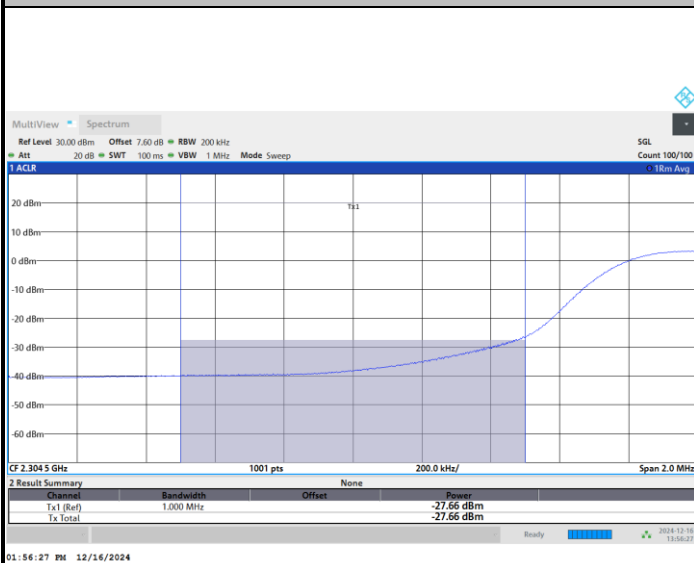


FR1 n30 / 10MHz / DFT-s-OFDM / 16QAM

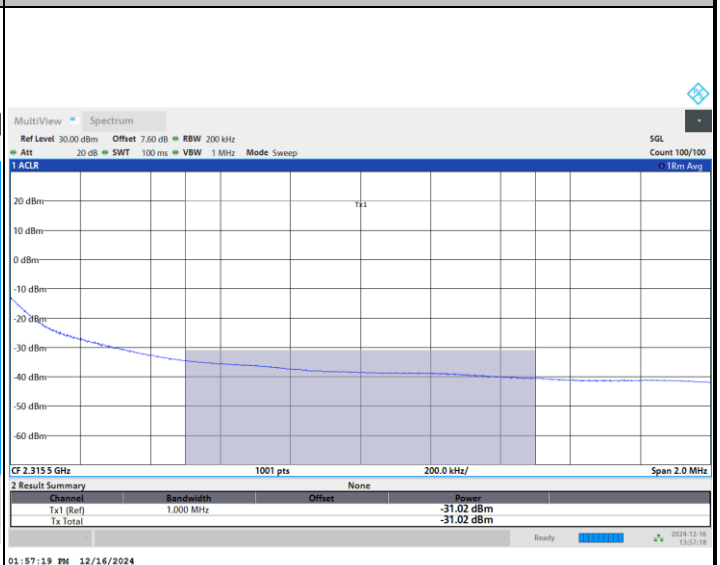
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



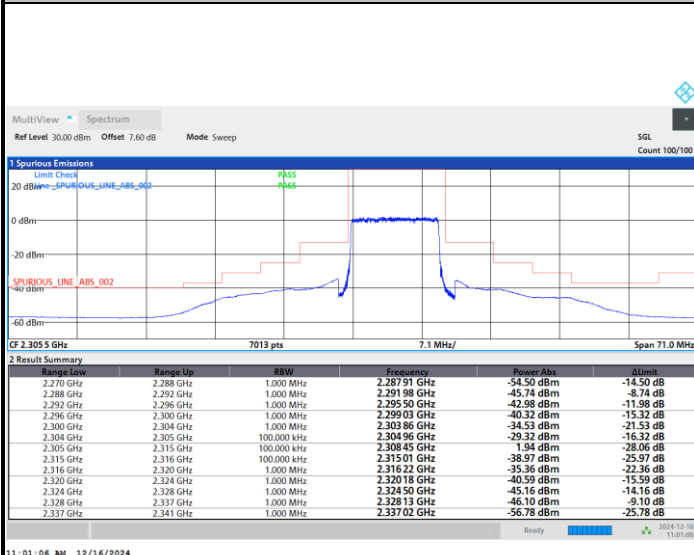
Middle Band Edge / Full RB / Upper zoom in



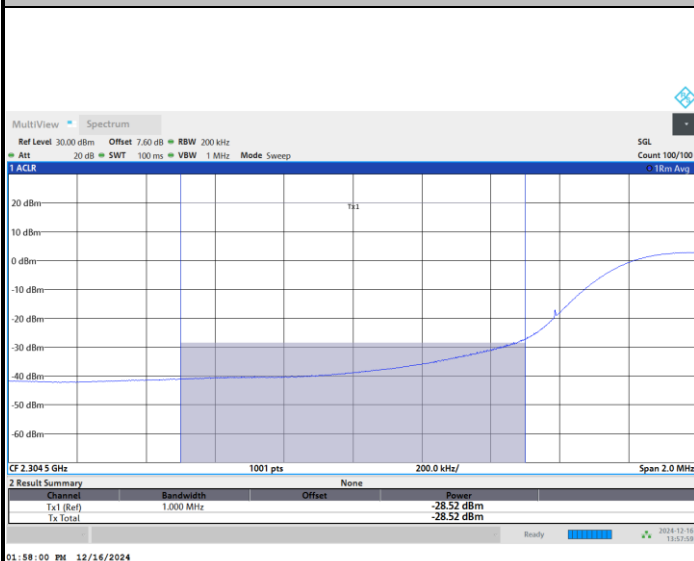


FR1 n30 / 10MHz / DFT-s-OFDM / 64QAM

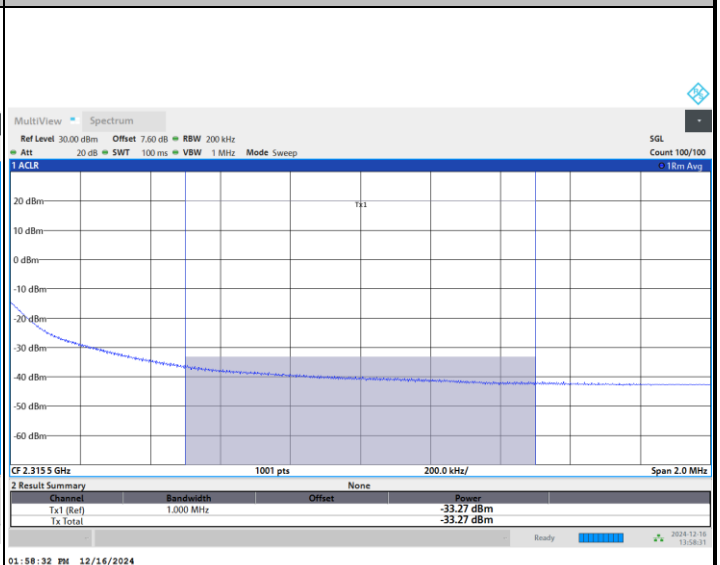
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



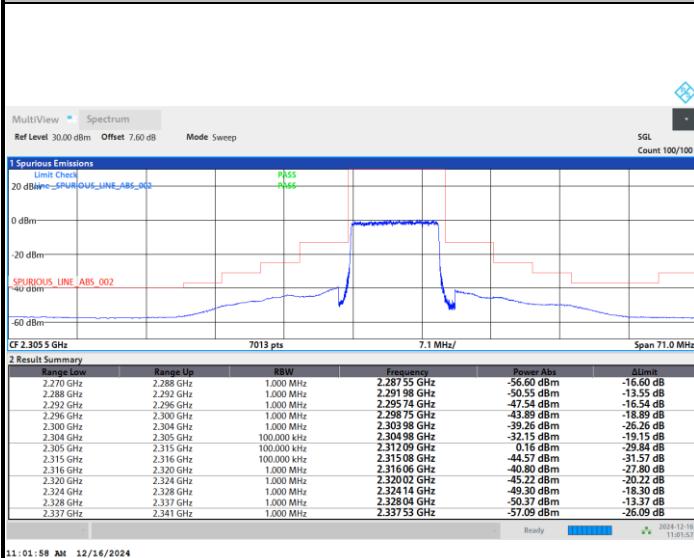
Middle Band Edge / Full RB / Upper zoom in



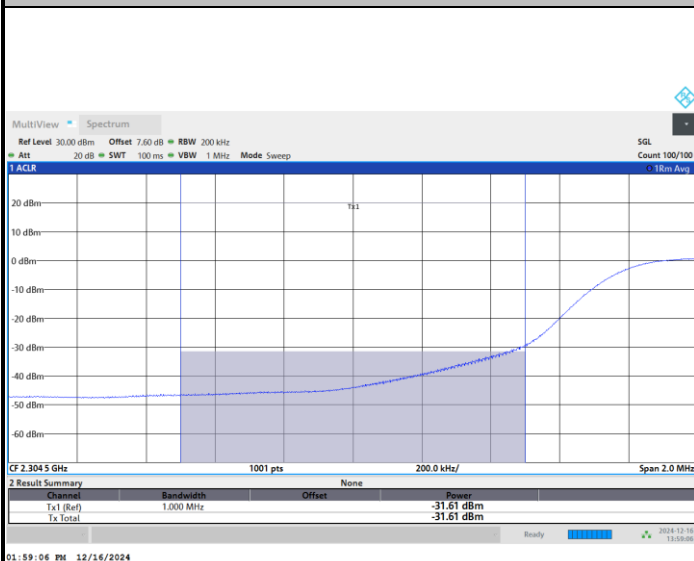


FR1 n30 / 10MHz / DFT-s-OFDM / 256QAM

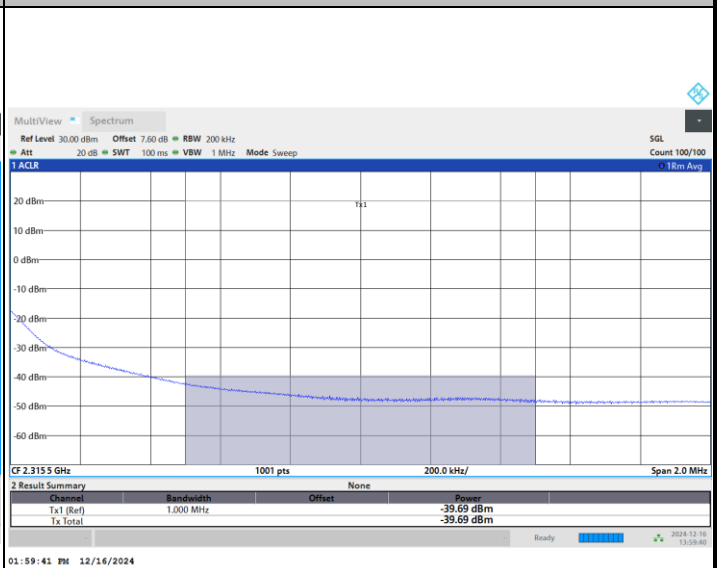
Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in



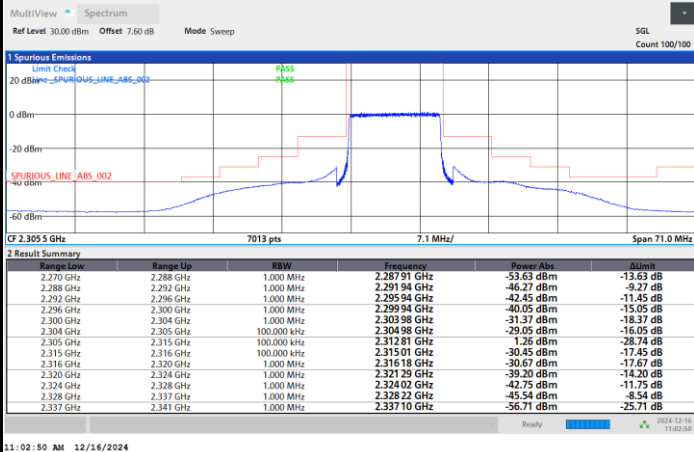
Middle Band Edge / Full RB / Upper zoom in





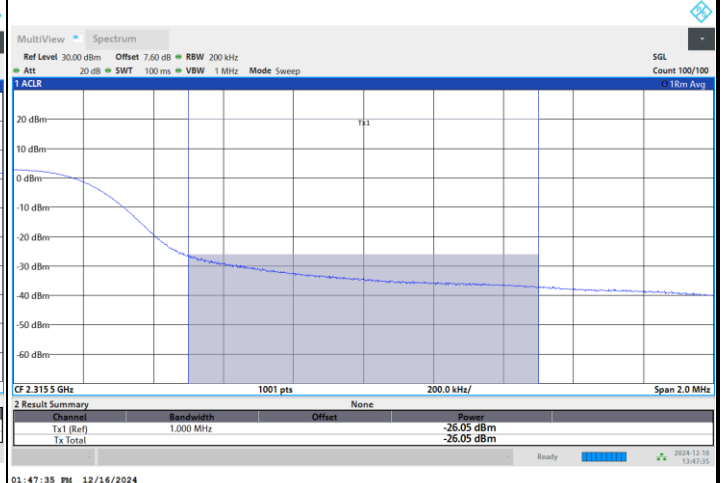
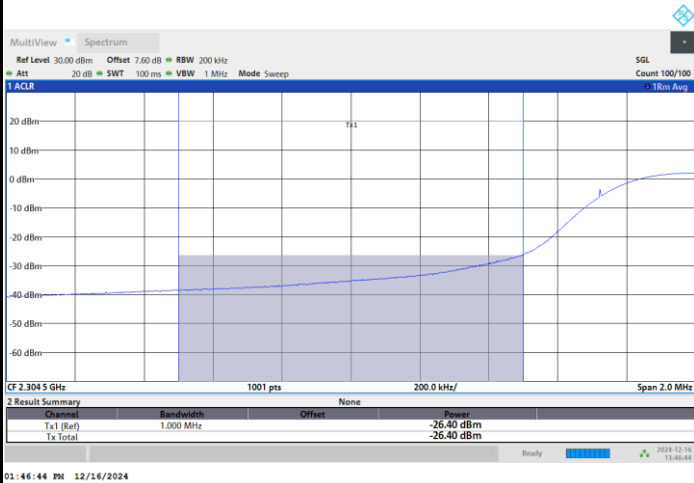
FR1 n30 / 10MHz / CP OFDM / QPSK / Full RB

Middle Band Edge / Full RB



Middle Band Edge / Full RB / Lower zoom in

Middle Band Edge / Full RB / Upper zoom in

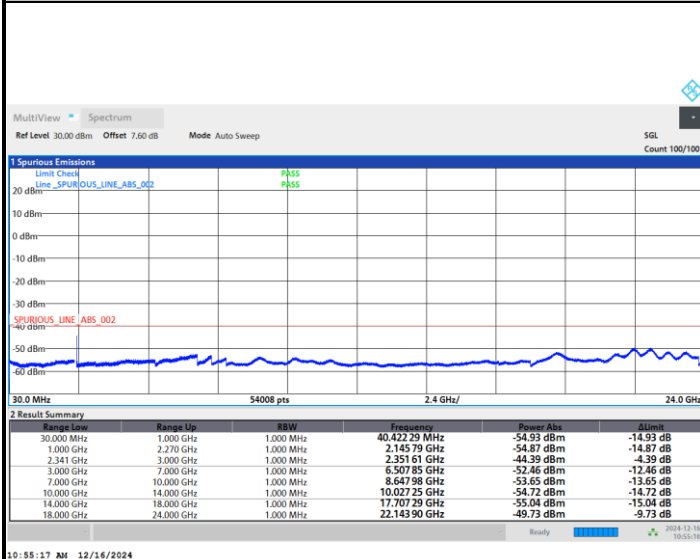




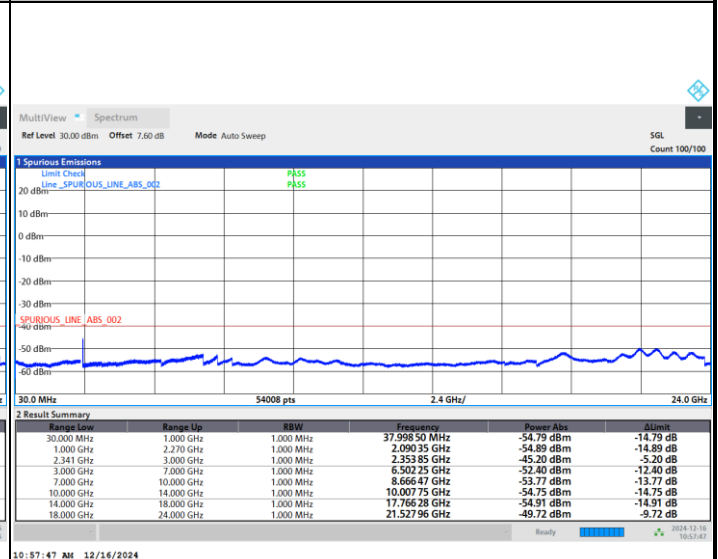
Conducted Spurious Emission

FR1 n30 / 5MHz / DFT-S OFDM / QPSK / 1RB1

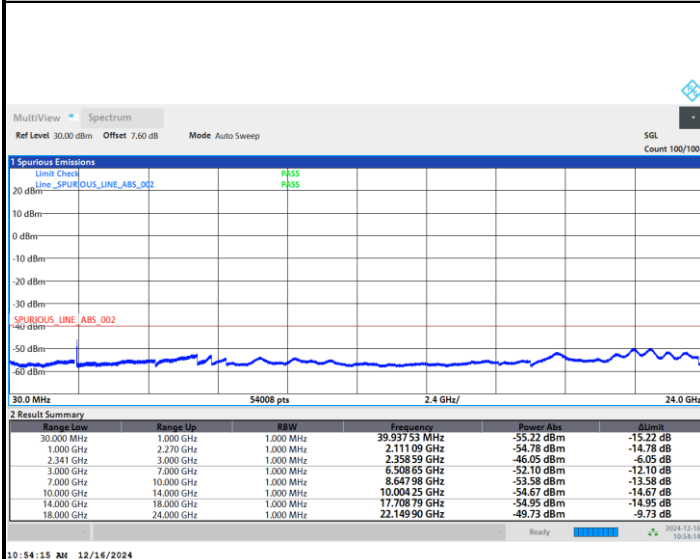
Lowest Channel



Middle Channel



Highest Channel



Frequency Stability

Test Conditions		FR1 n30 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0016	

Note:

1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.135 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

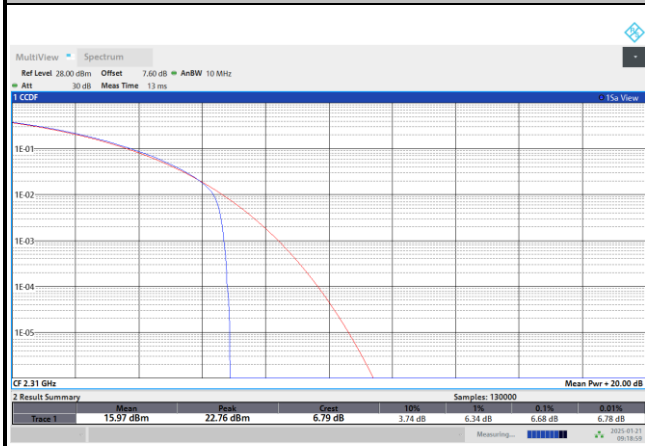
**FR1 n30****MIMO <Ant. 0+2> (Ant. 0)****Peak-to-Average Ratio**

Mode	FR1 n30 / 10MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	6.68	6.68	7.16	8.40	PASS

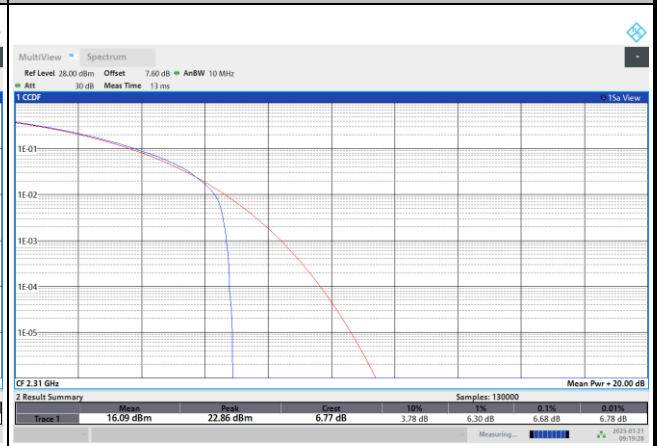


FR1 n30 / 10MHz / CP OFDM / Middle Channel / Full RB

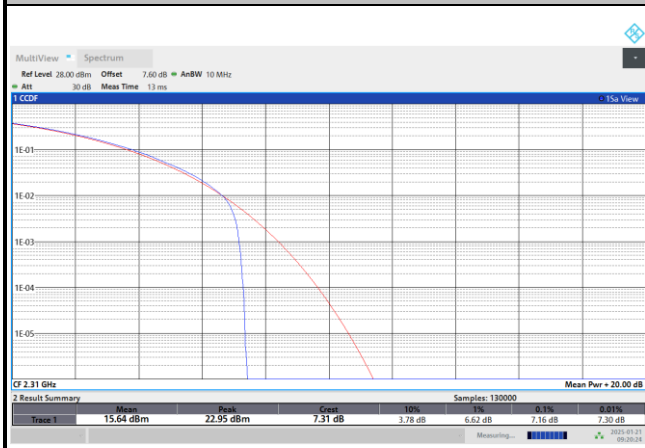
QPSK



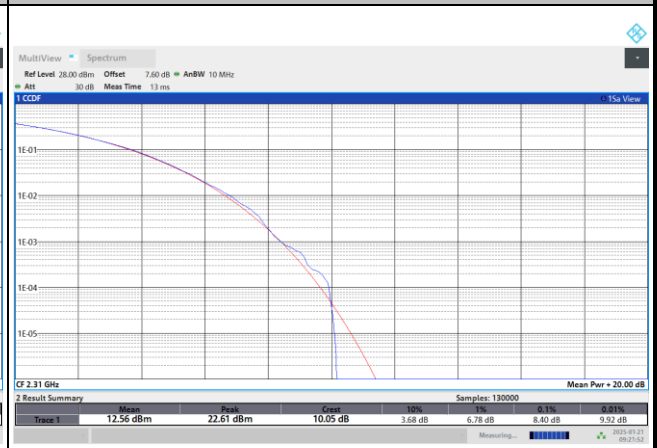
16QAM



64QAM

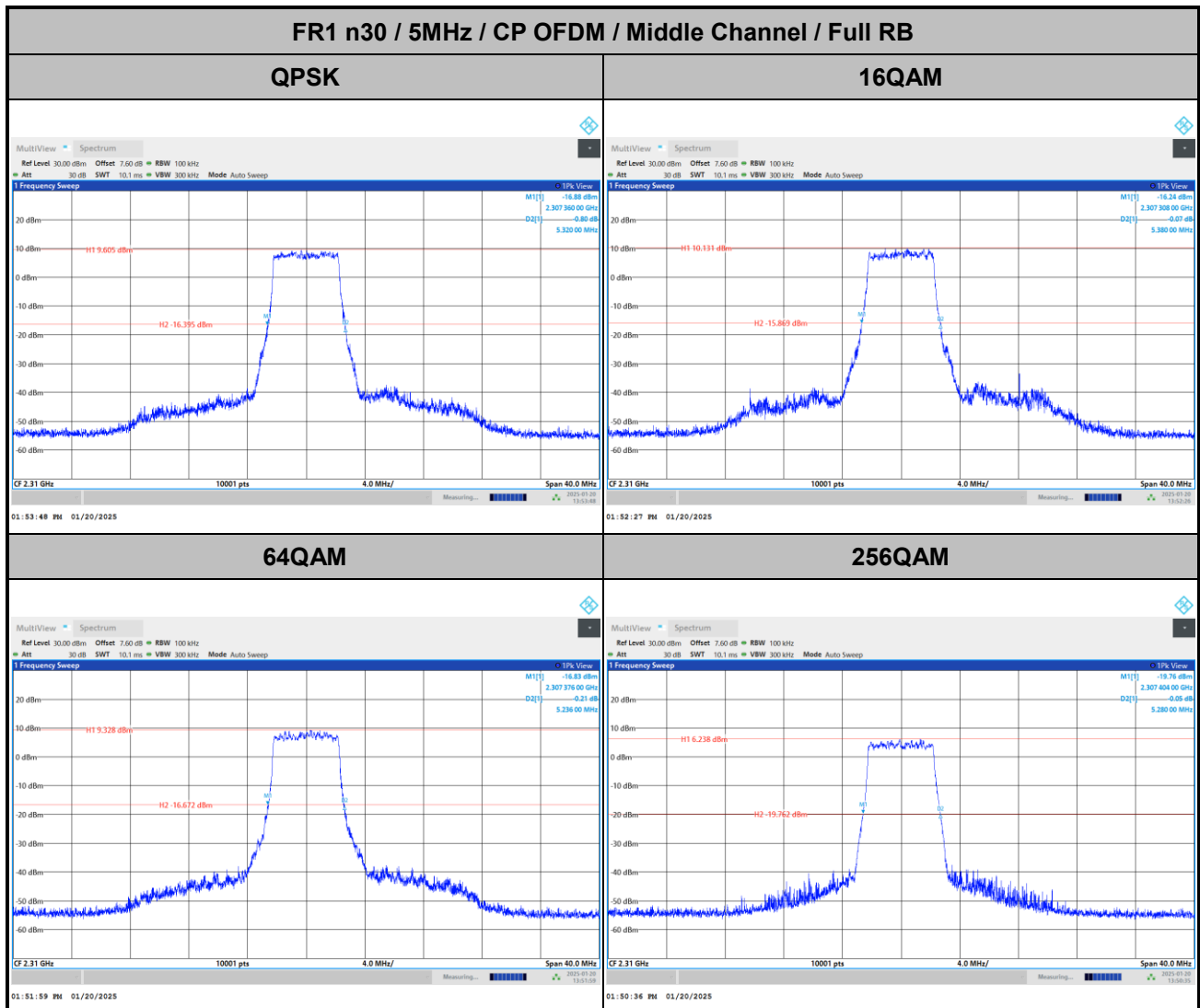


256QAM



**26dB Bandwidth**

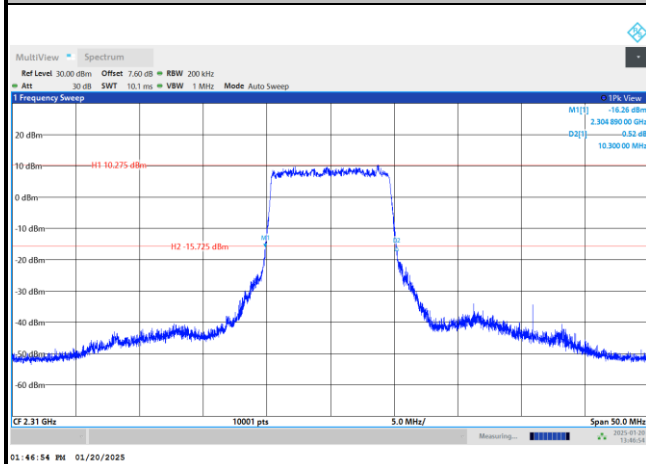
Mode	FR1 n30 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	5.32	5.38	10.30	10.17				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	5.23	5.28	10.22	10.22				



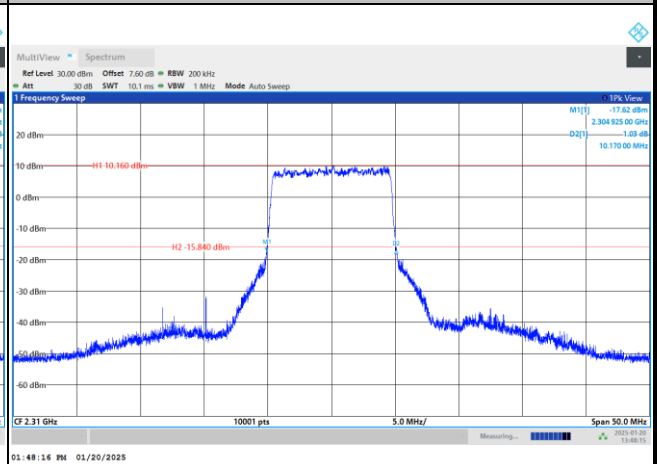


FR1 n30 / 10MHz / CP OFDM / Middle Channel / Full RB

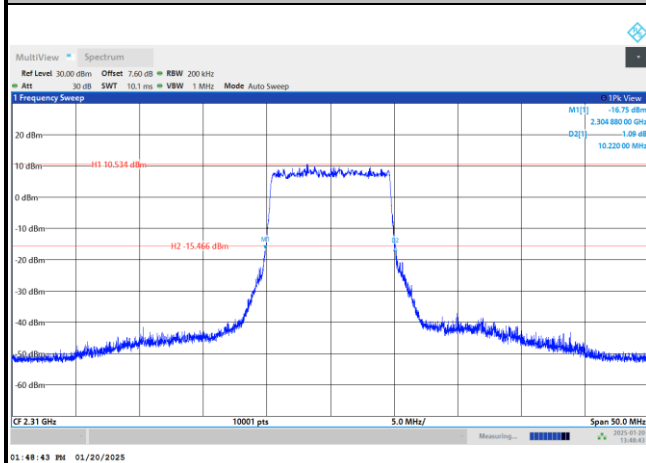
QPSK



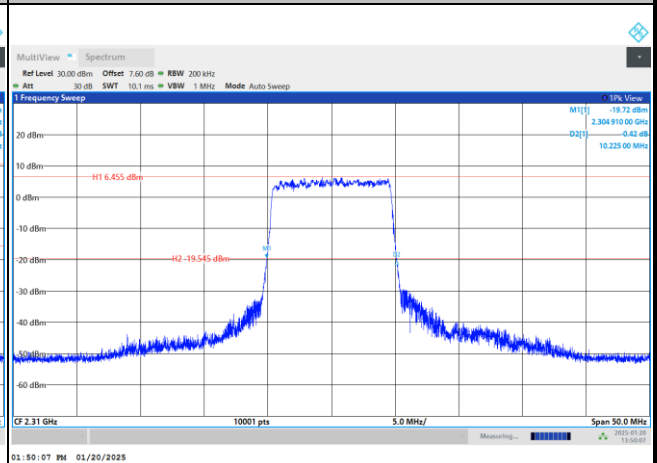
16QAM



64QAM



256QAM



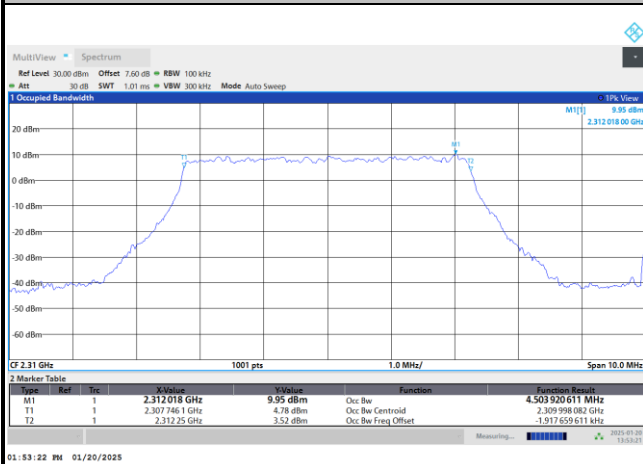
**Occupied Bandwidth**

Mode	FR1 n30 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	4.50	4.51	9.33	9.31				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	4.49	4.50	9.32	9.31				

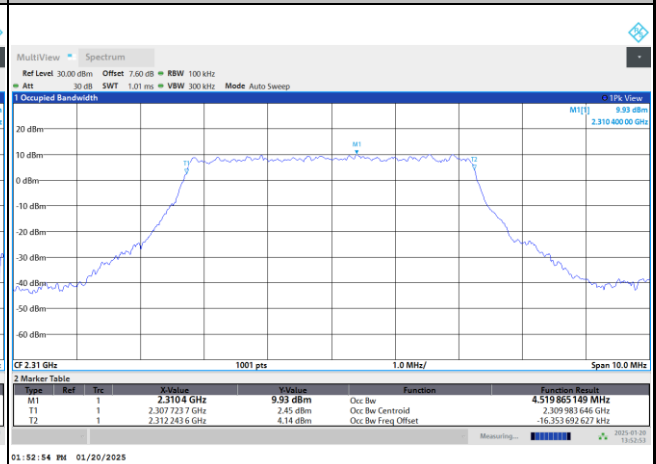


FR1 n30 / 5MHz / CP OFDM / Middle Channel / Full RB

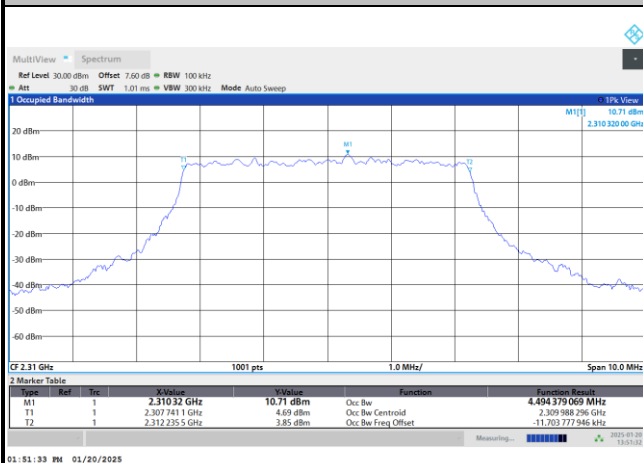
QPSK



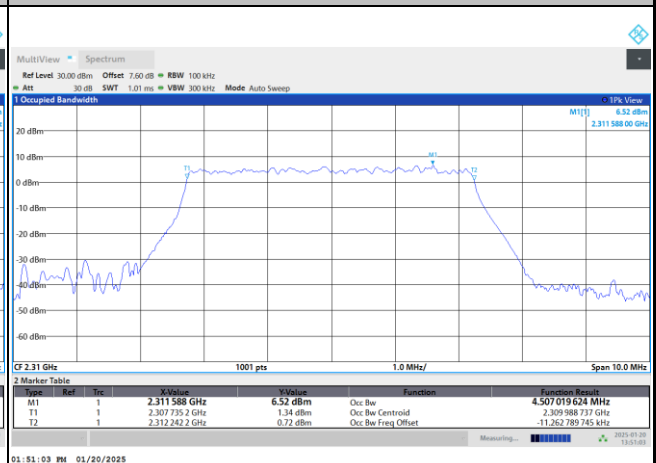
16QAM



64QAM



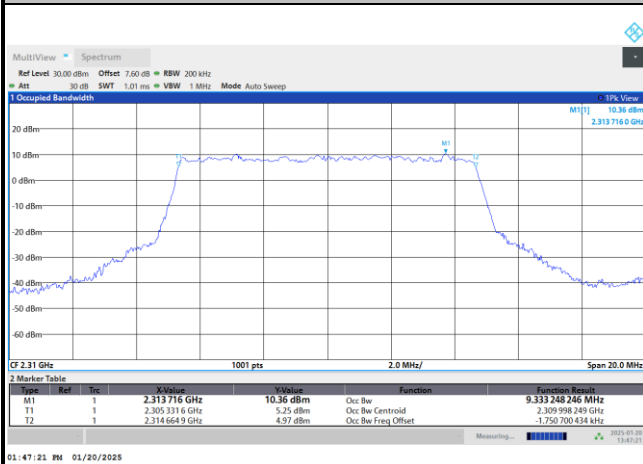
256QAM



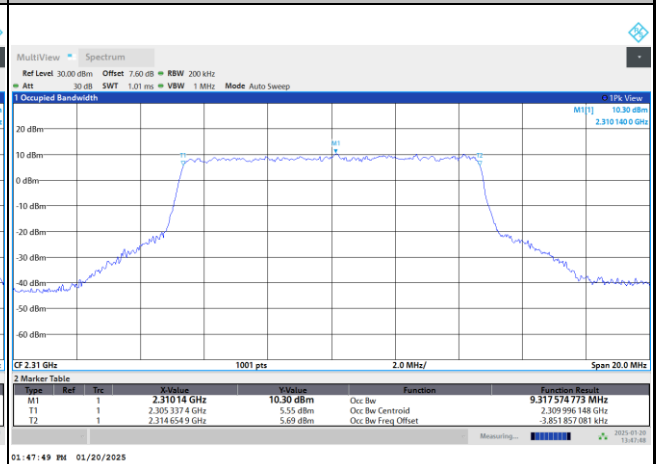


FR1 n30 / 10MHz / CP OFDM / Middle Channel / Full RB

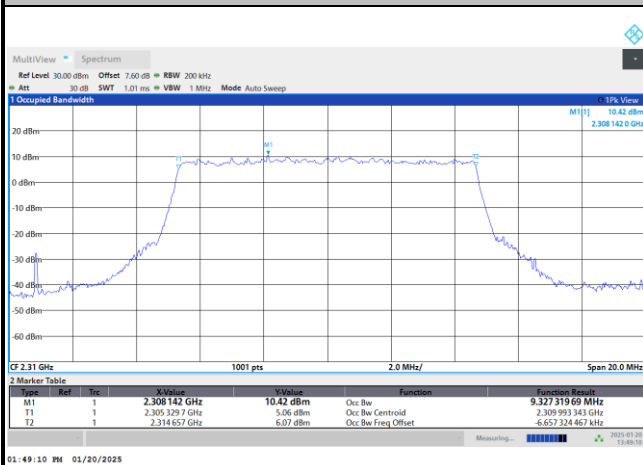
QPSK



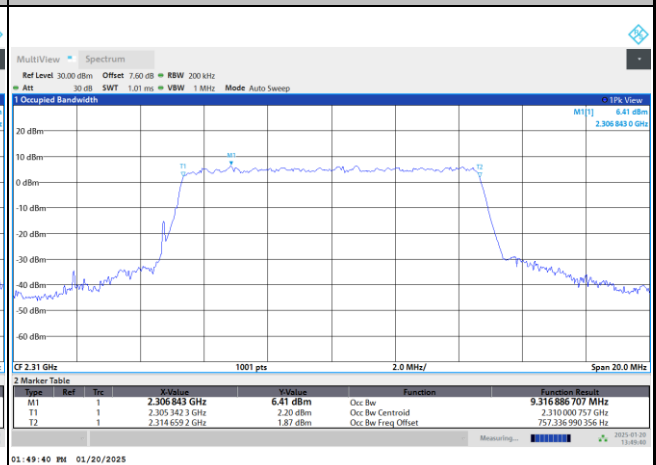
16QAM

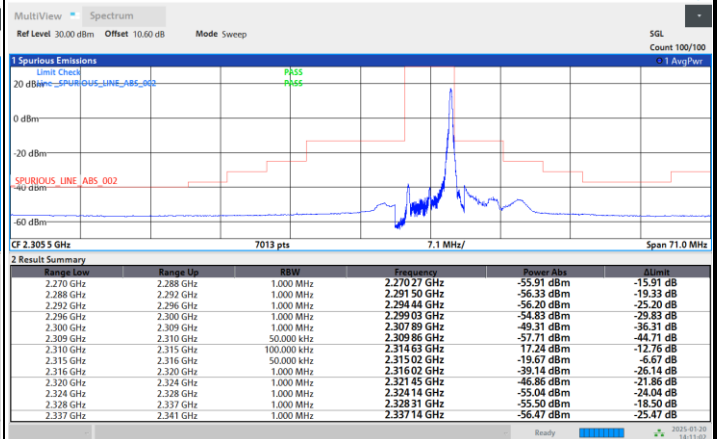
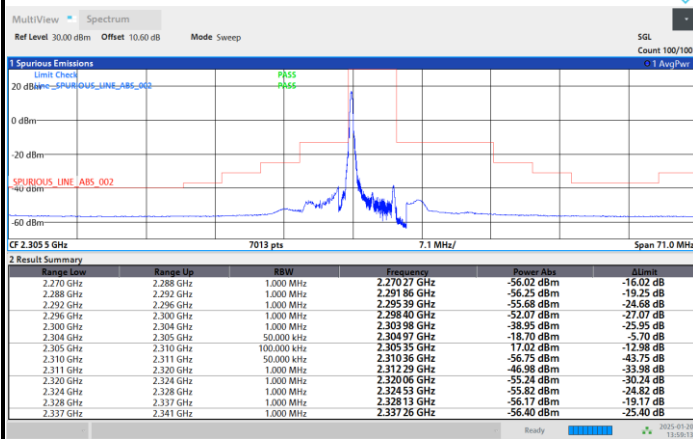
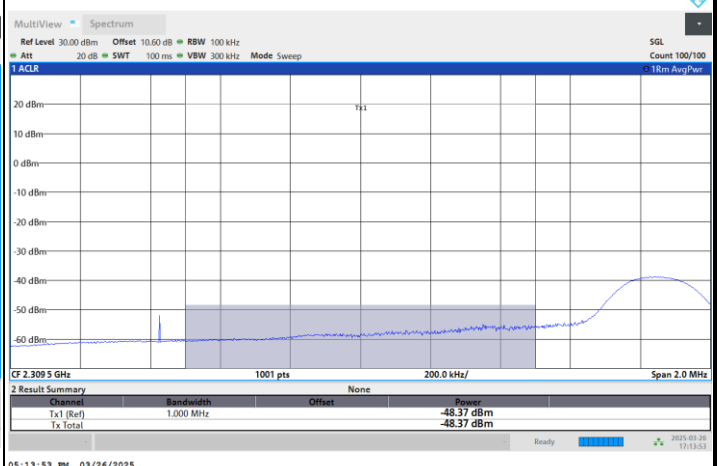
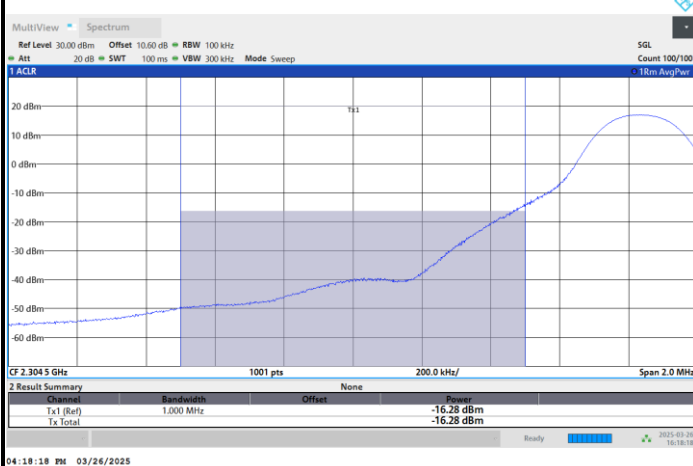


64QAM



256QAM

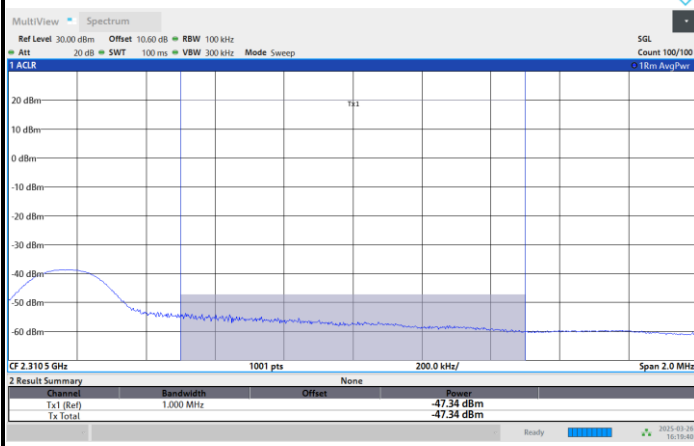


**Conducted Band Edge****FR1 n30 / 5MHz / CP OFDM / QPSK****Lowest Band Edge / 1RB0****Highest Band Edge / 1RBmax****Lowest Band Edge / 1 RB / Lower zoom in****Highest Band Edge / 1 RB / Lower zoom in**

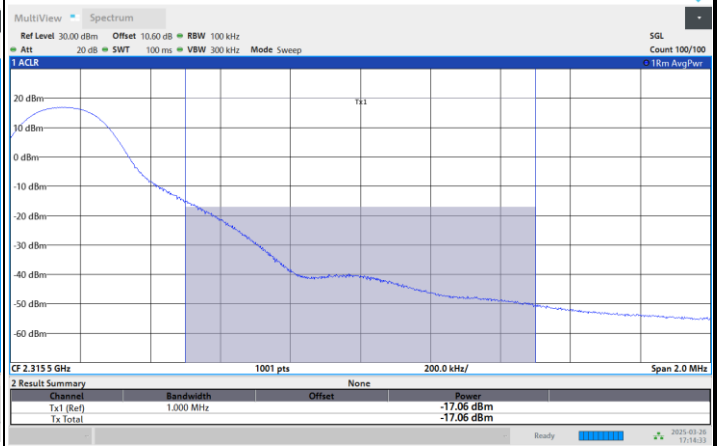


Lowest Band Edge / 1 RB / Upper zoom in

Highest Band Edge / 1 RB / Upper zoom in



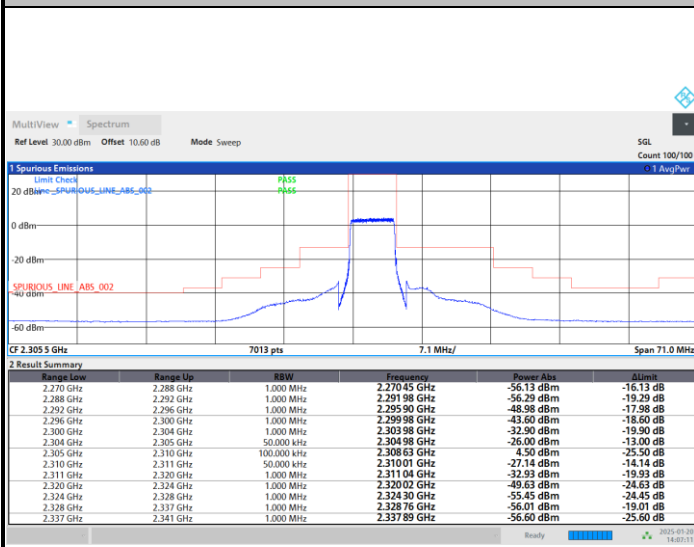
04:19:40 PM 03/26/2025



05:14:33 PM 03/26/2025

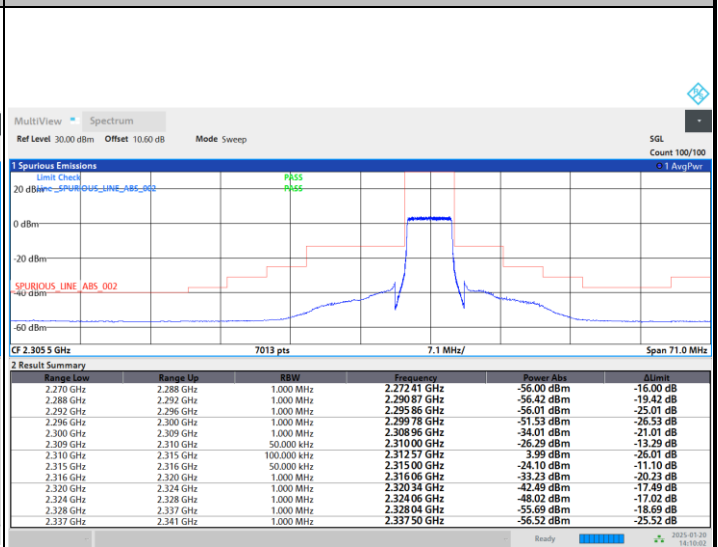


Lowest Band Edge / Full RB



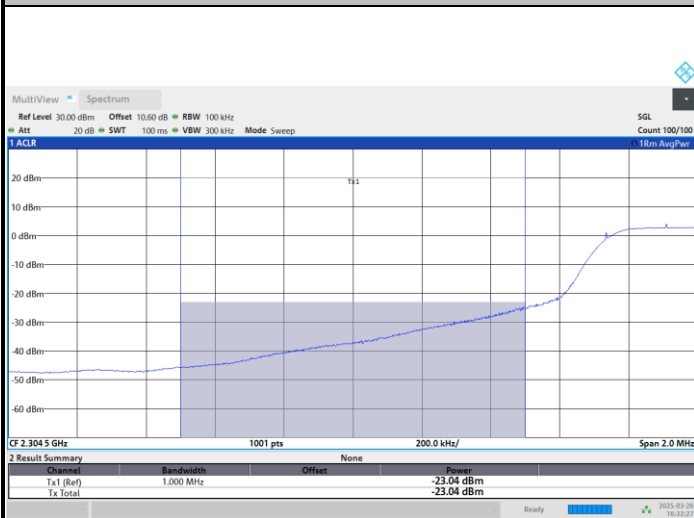
02:07:12 PM 01/20/2025

Highest Band Edge / Full RB



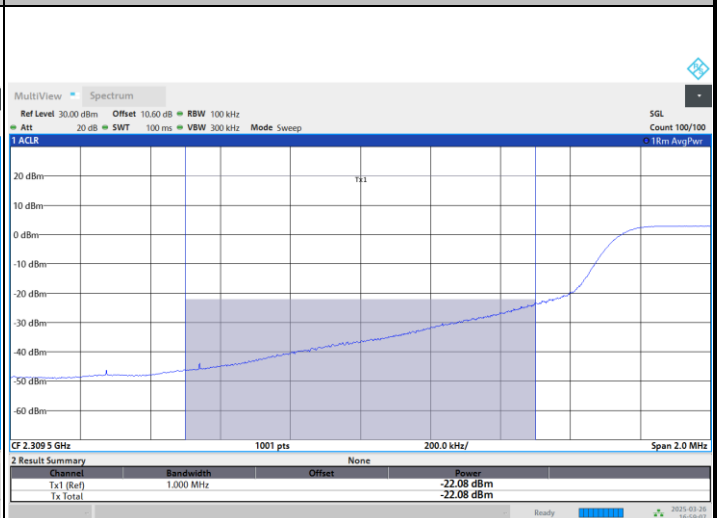
02:10:03 PM 01/20/2025

Lowest Band Edge / Full RB / Lower zoom in



04:32:27 PM 03/26/2025

Highest Band Edge / Full RB / Lower zoom in

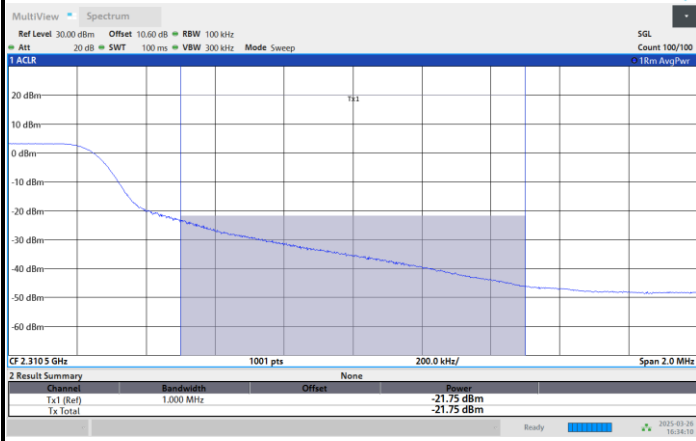


04:59:07 PM 03/26/2025

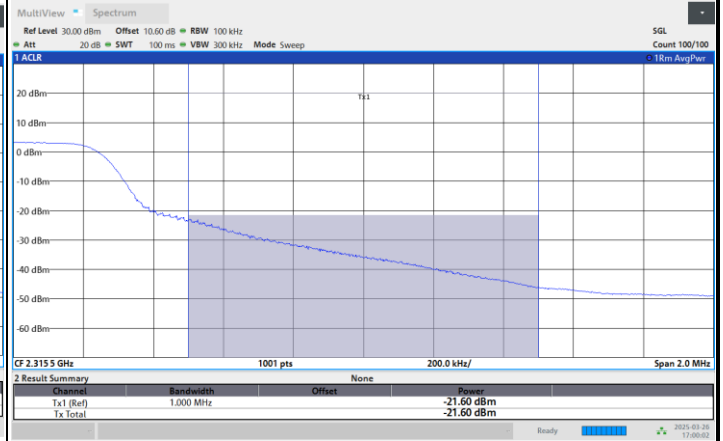


Lowest Band Edge / Full RB / Upper zoom in

Highest Band Edge / Full RB / Upper zoom in



04:34:10 PM 03/26/2025



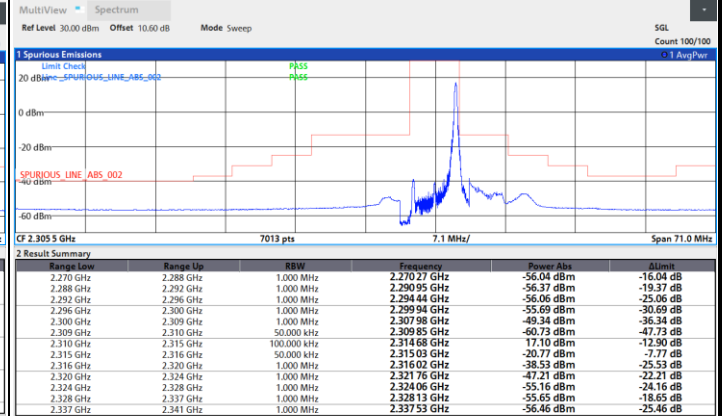
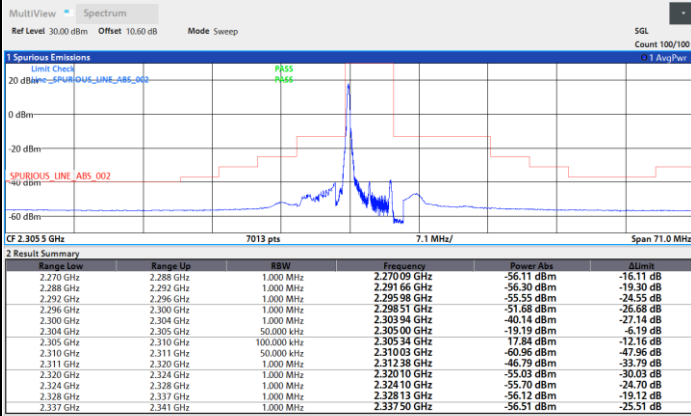
05:00:02 PM 03/26/2025



FR1 n30 / 5MHz / CP OFDM / 16QAM

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

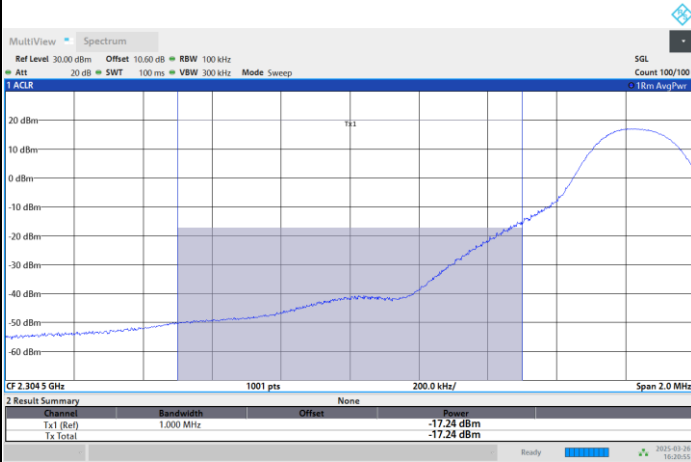


02:02:12 PM 01/20/2025

02:14:00 PM 01/20/2025

Lowest Band Edge / 1 RB / Lower zoom in

Highest Band Edge / 1 RB / Lower zoom in



04:20:56 PM 03/26/2025



05:15:57 PM 03/26/2025



Lowest Band Edge / 1 RB / Upper zoom in

Highest Band Edge / 1 RB / Upper zoom in

