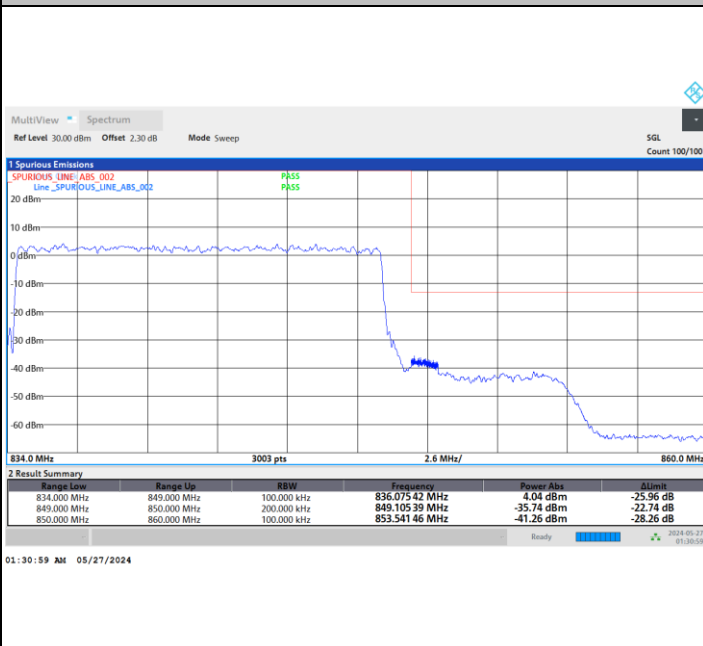
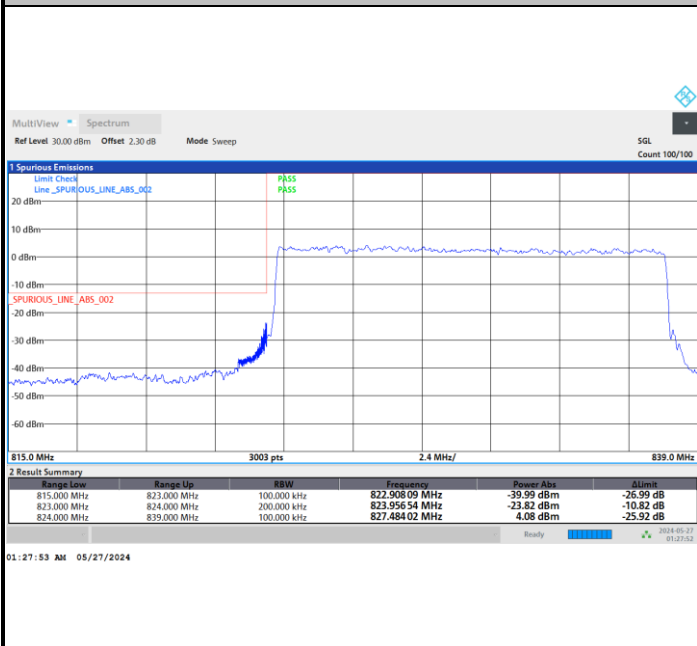




FR1 n26 / 15MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

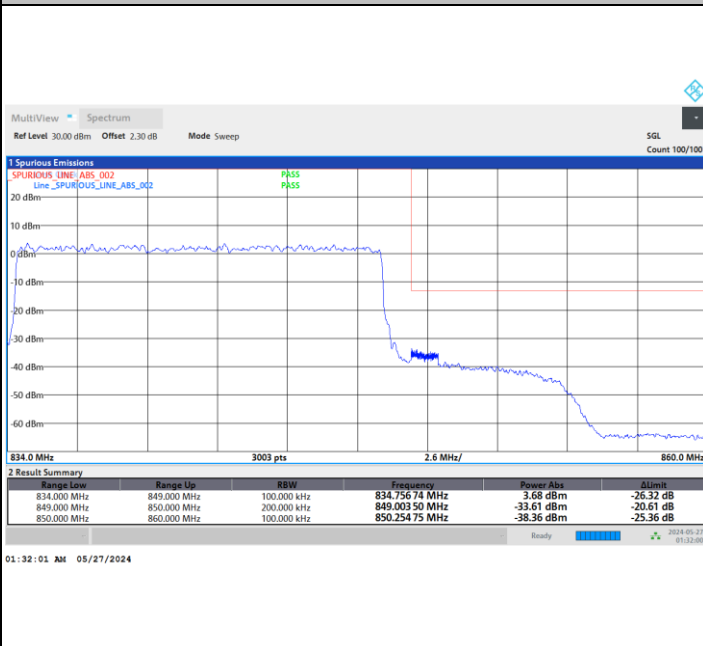
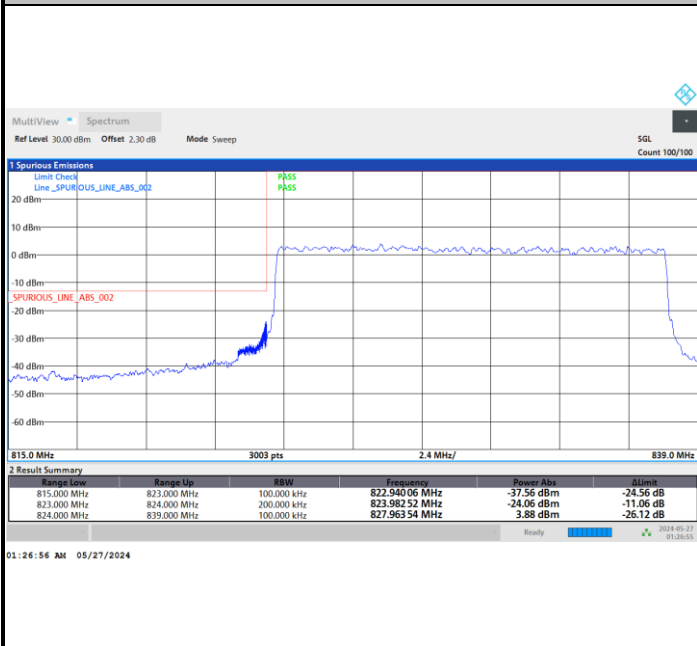
Highest Band Edge



FR1 n26 / 15MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

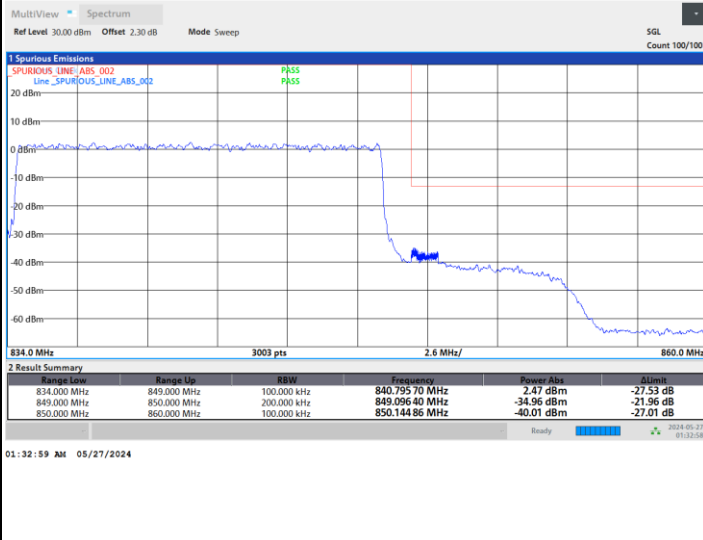
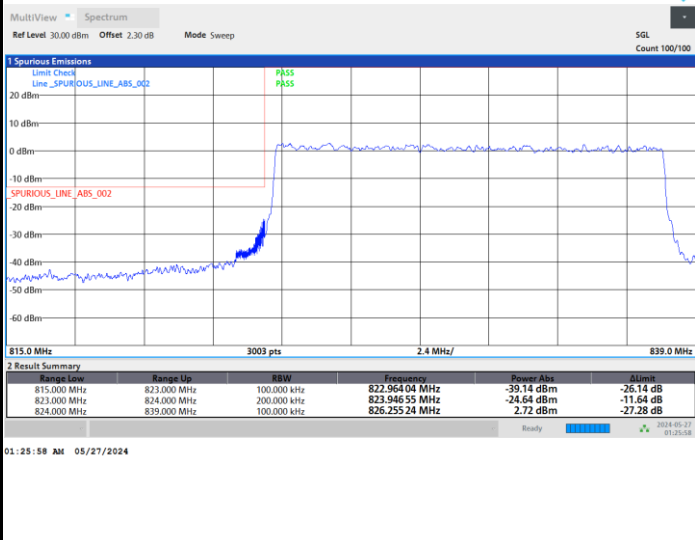




FR1 n26 / 15MHz / DFT-s-OFDM / 16QAM / Full RB

Lowest Band Edge

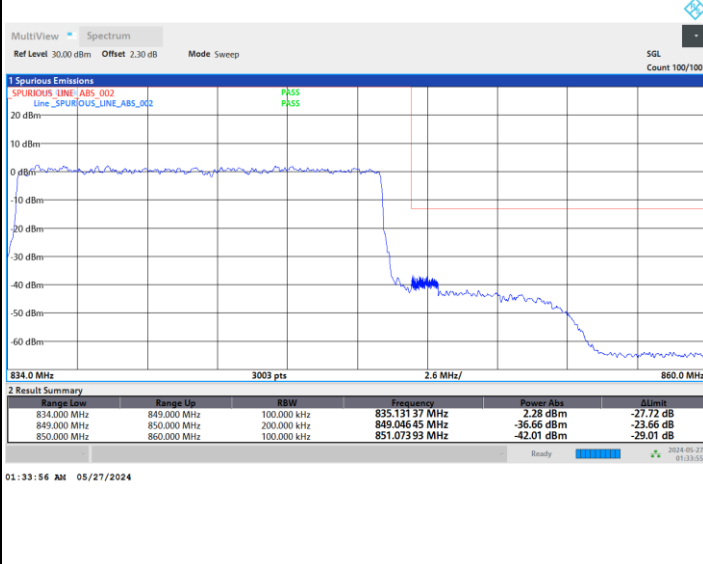
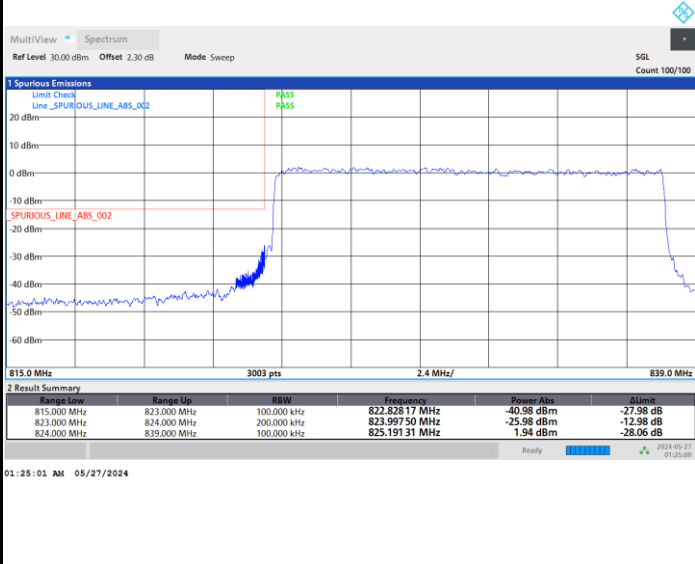
Highest Band Edge



FR1 n26 / 15MHz / DFT-s-OFDM / 64QAM / Full RB

Lowest Band Edge

Highest Band Edge

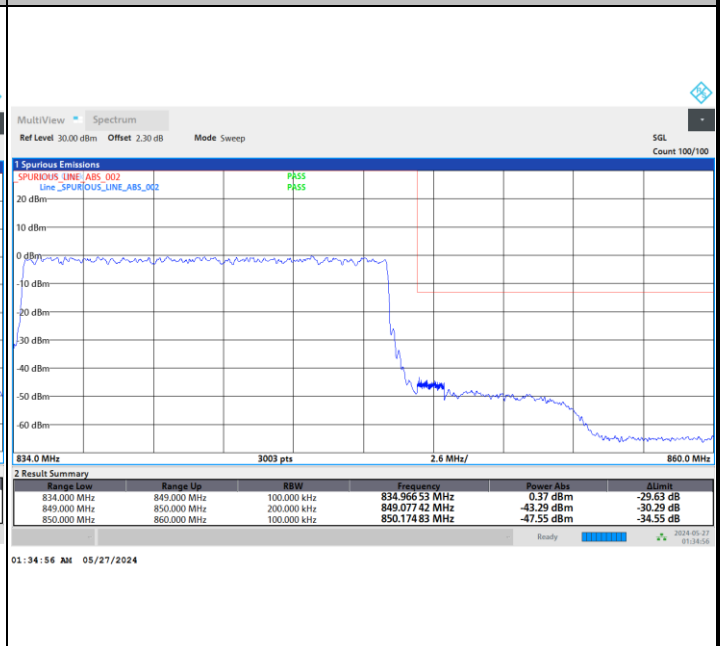
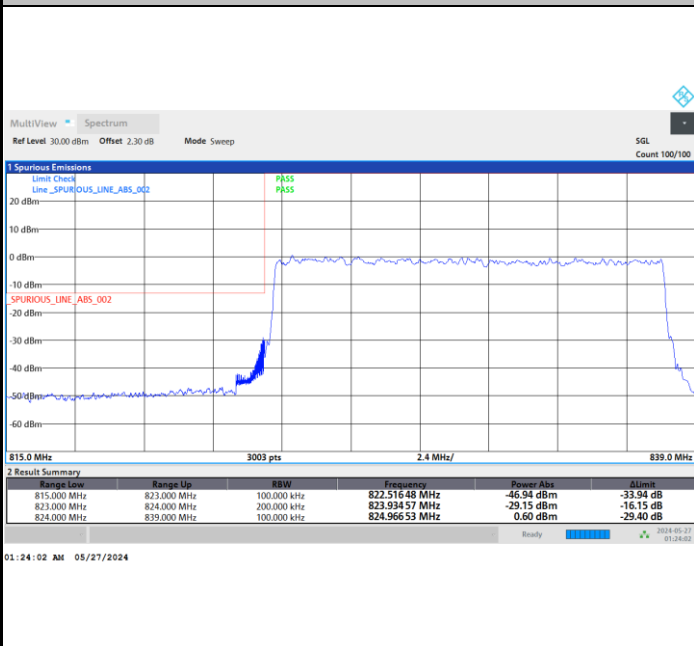




FR1 n26 / 15MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge

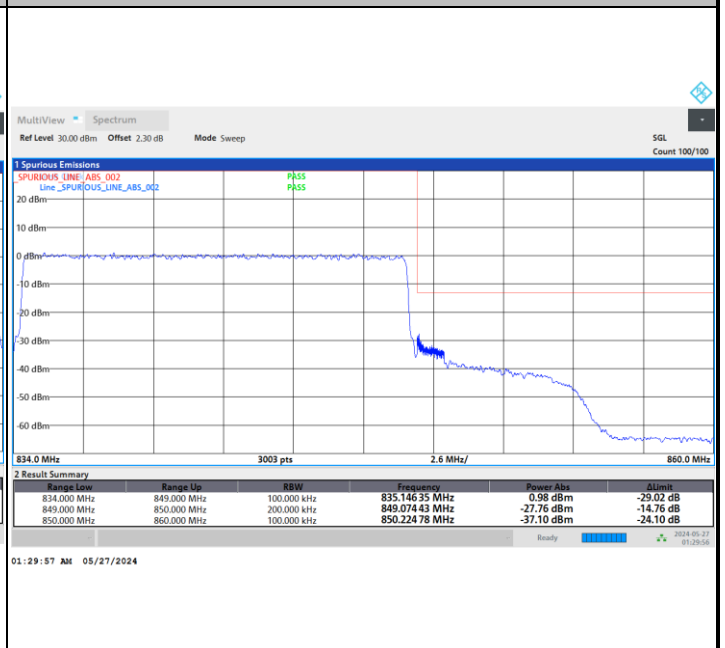
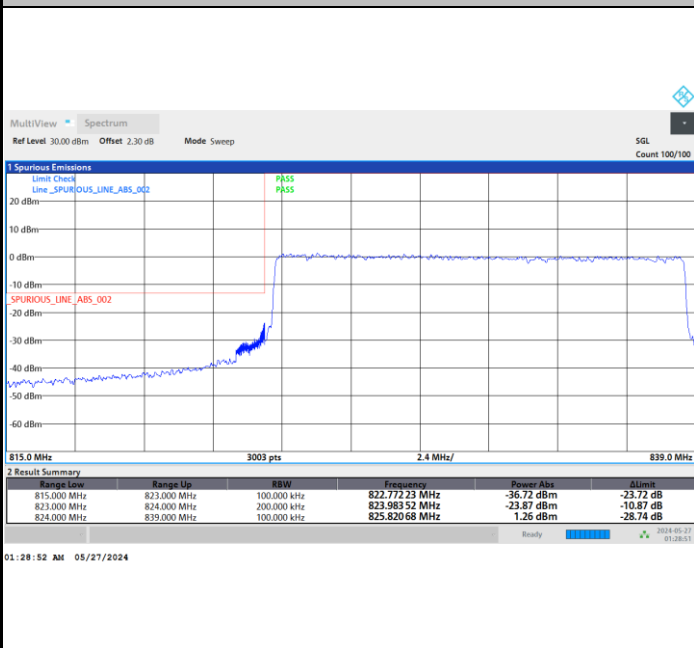
Highest Band Edge



FR1 n26 / 15MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

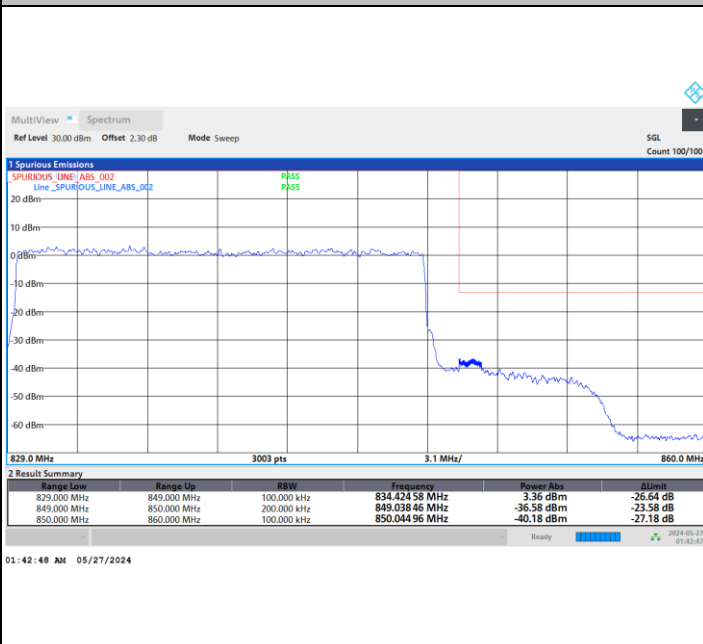
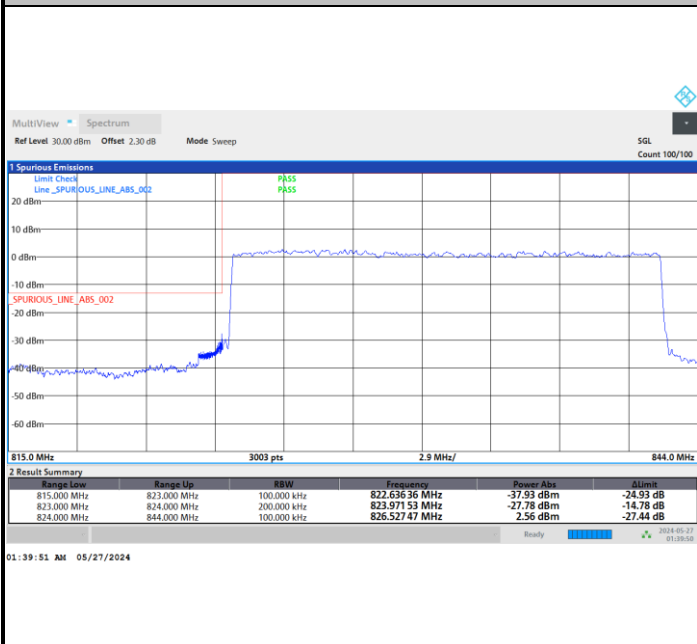




FR1 n26 / 20MHz / DFT-s-OFDM / PI/2 BPSK / Full RB

Lowest Band Edge

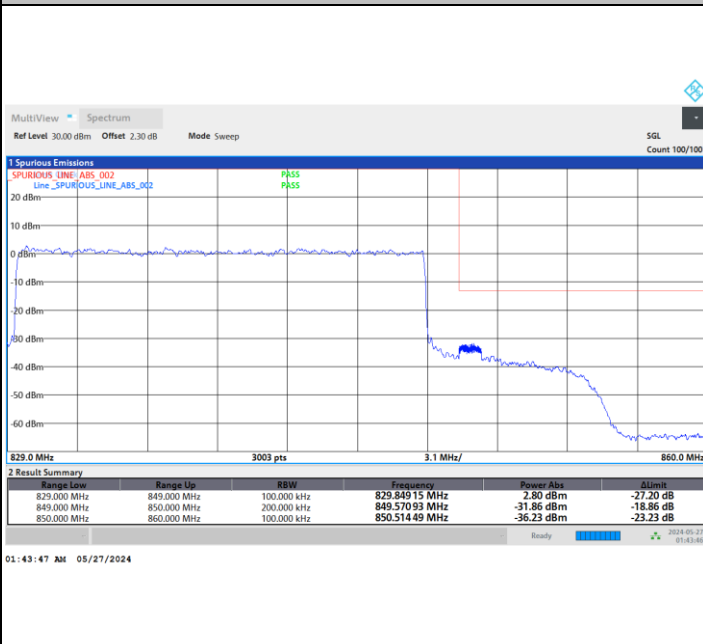
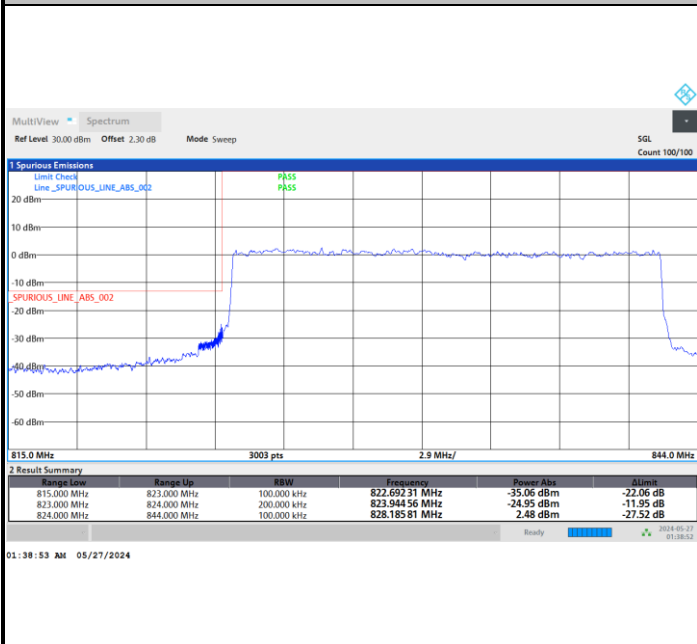
Highest Band Edge



FR1 n26 / 20MHz / DFT-s-OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

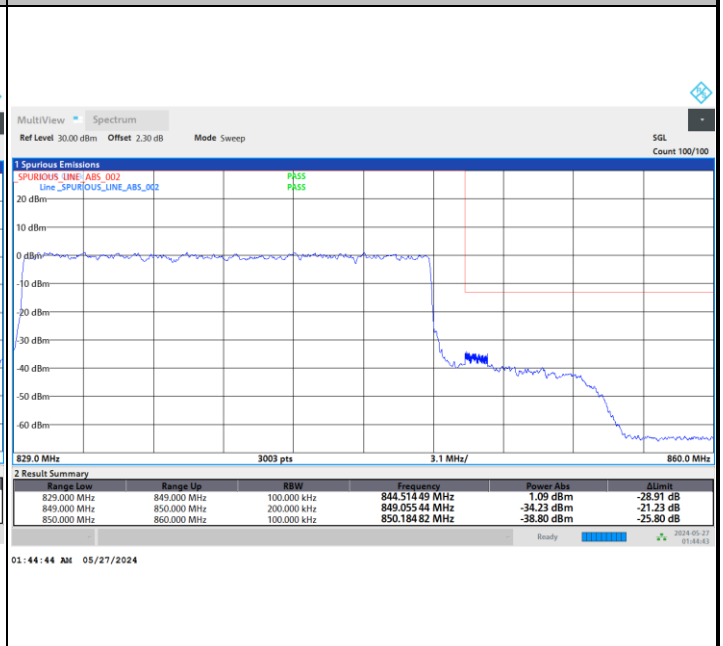
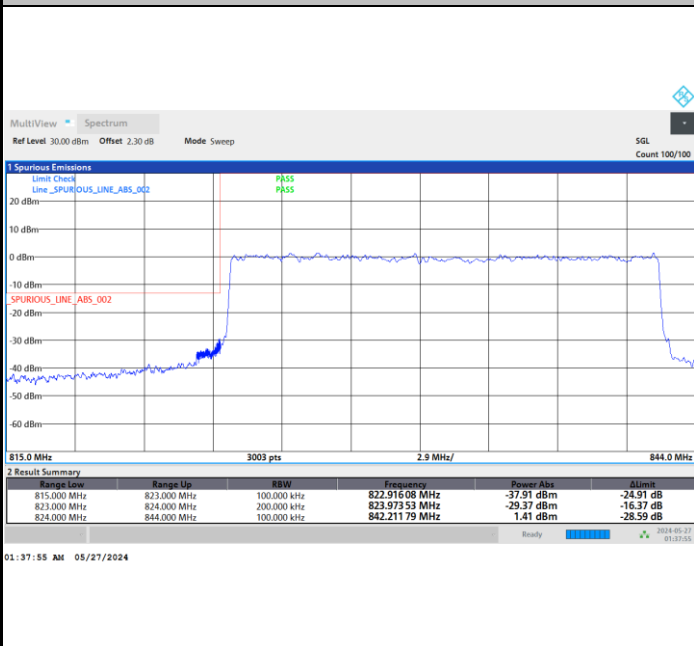




FR1 n26 / 20MHz / DFT-s-OFDM / 16QAM / Full RB

Lowest Band Edge

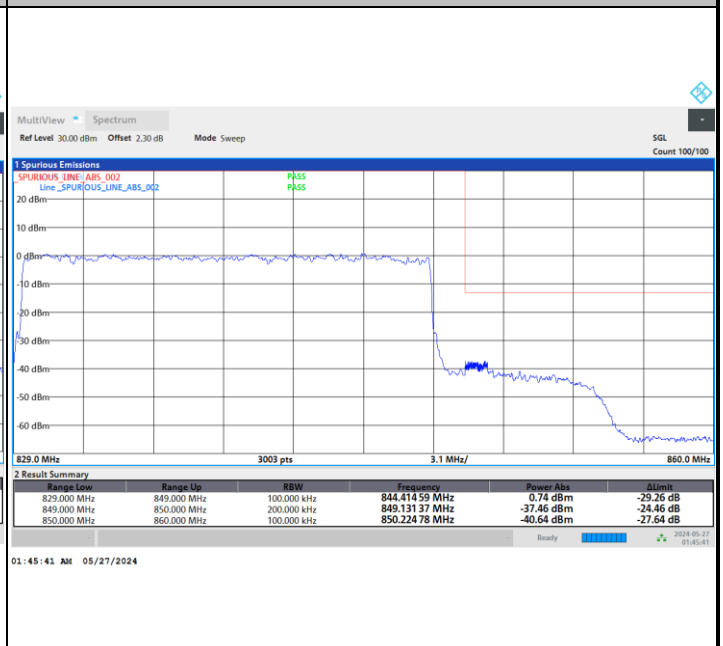
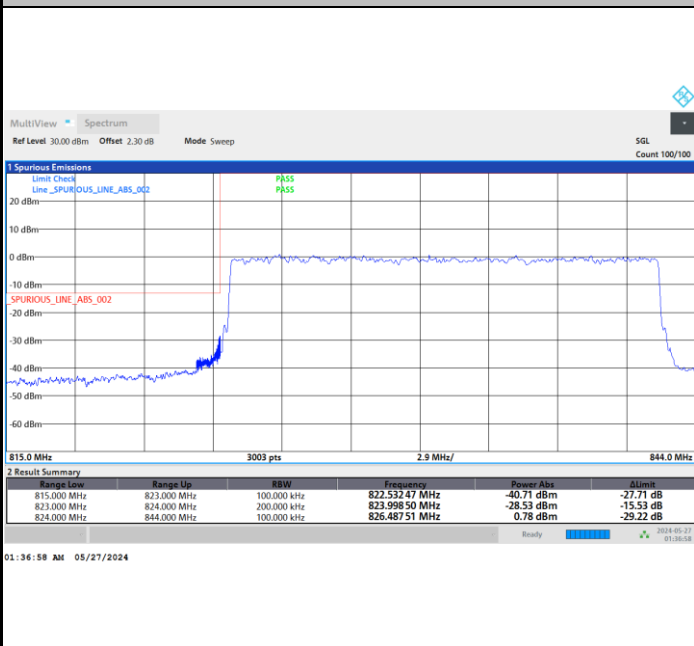
Highest Band Edge



FR1 n26 / 20MHz / DFT-s-OFDM / 64QAM / Full RB

Lowest Band Edge

Highest Band Edge

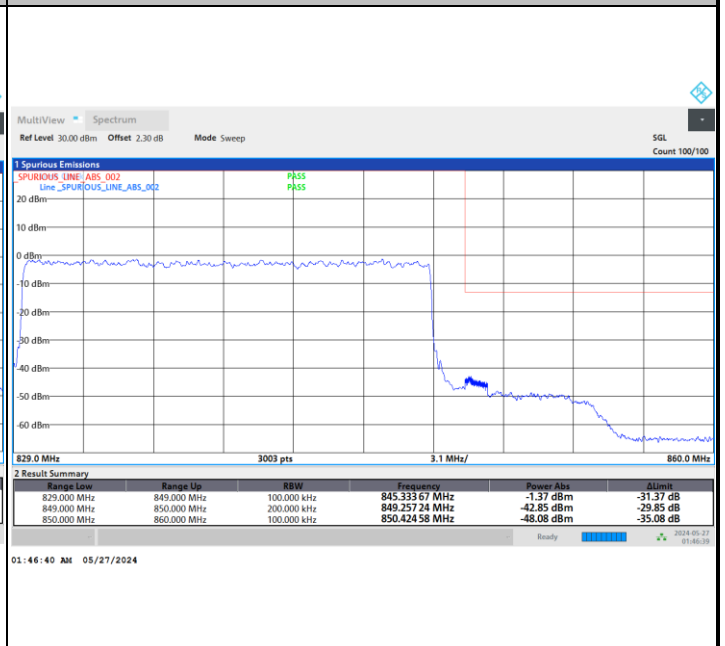
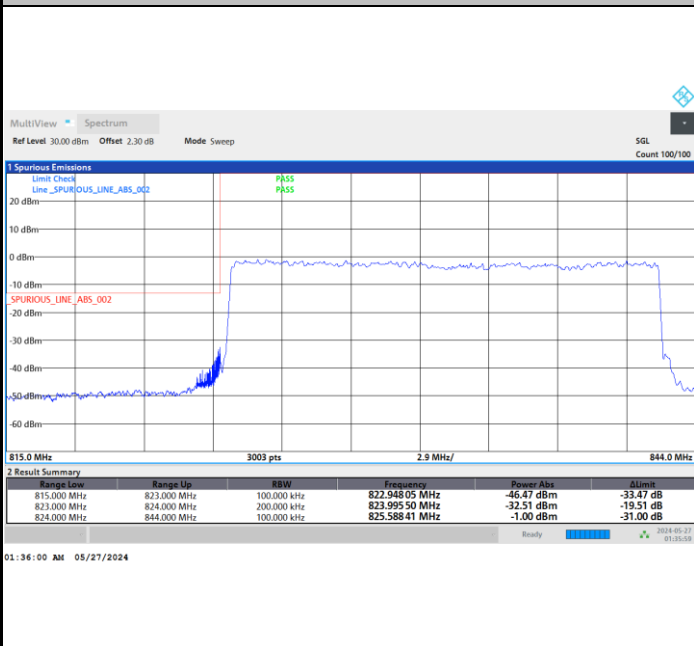




FR1 n26 / 20MHz / DFT-s-OFDM / 256QAM / Full RB

Lowest Band Edge

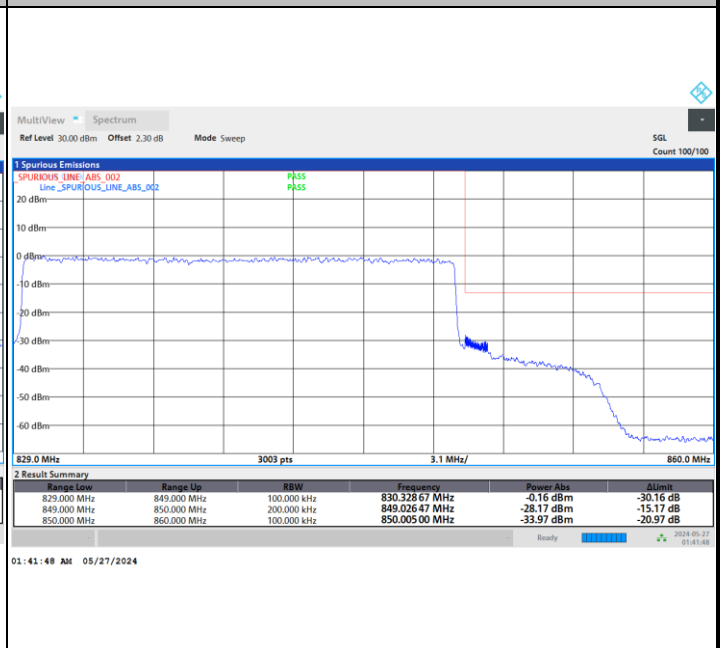
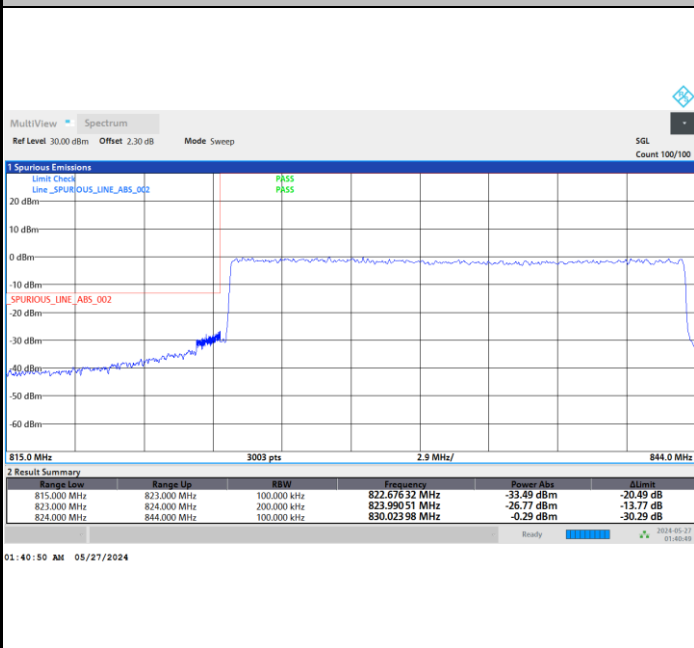
Highest Band Edge



FR1 n26 / 20MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge

Highest Band Edge

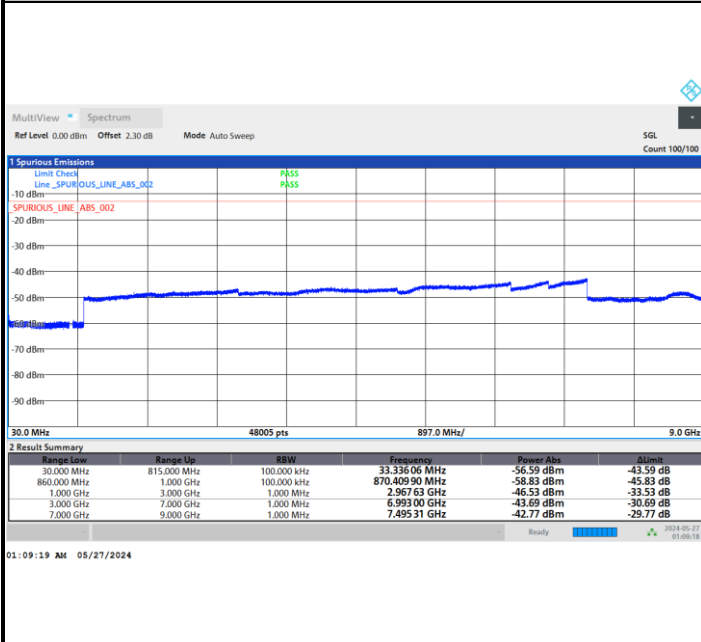




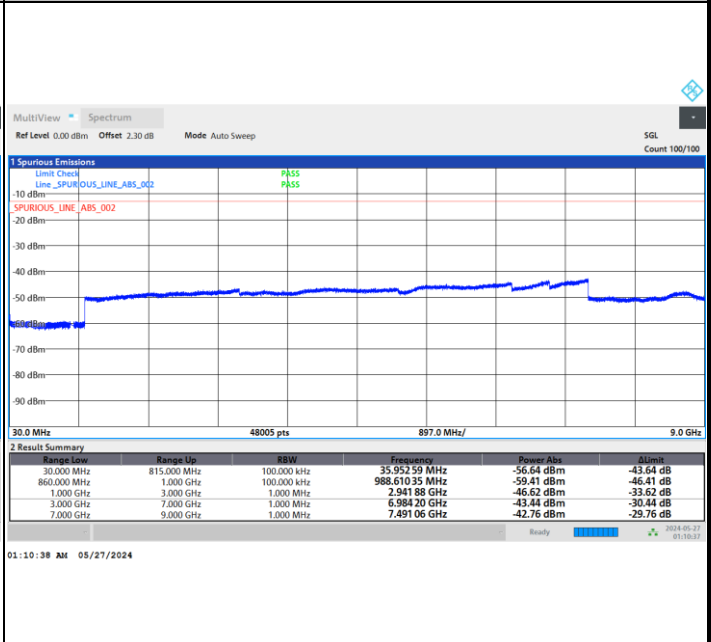
Conducted Spurious Emission

FR1 n26 / 5MHz / DFT-S OFDM / QPSK / 1RB1

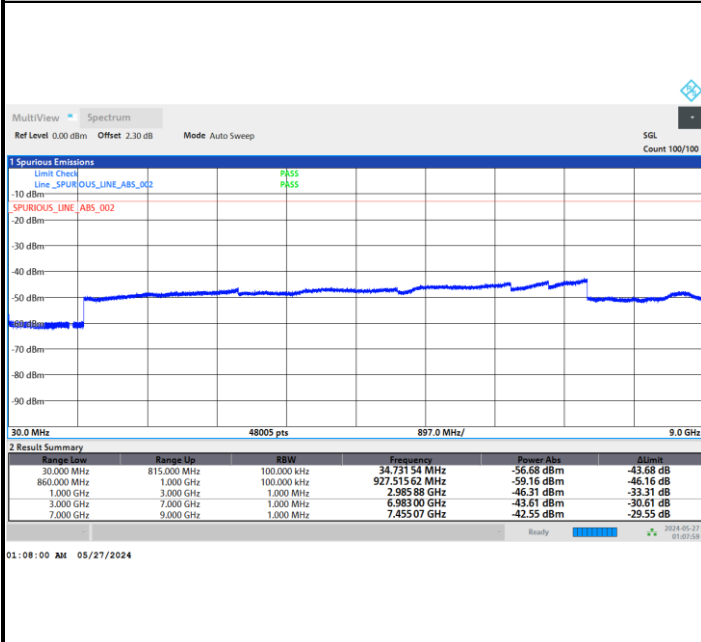
Lowest Channel



Middle Channel



Highest Channel





Frequency Stability

Test Conditions		FR1 n26 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0027	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0012	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note: Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.4 V.



FR1 n26 Part90S

Peak-to-Average Ratio

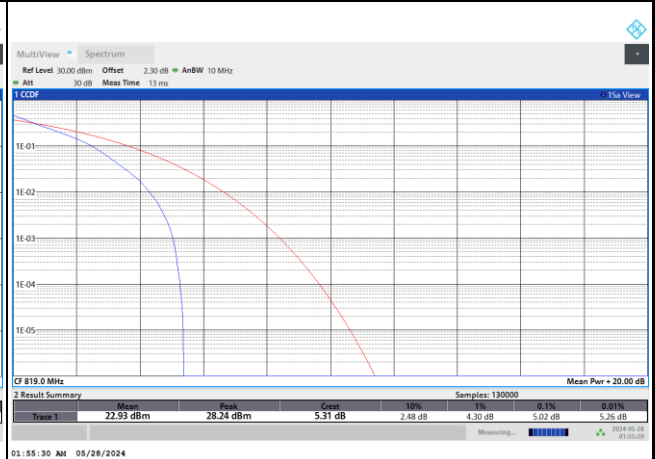
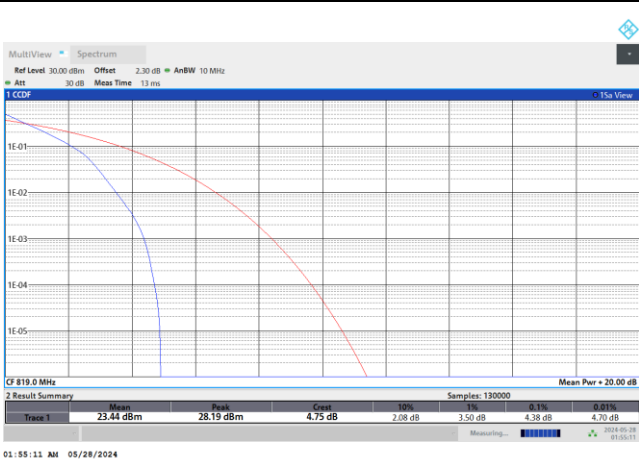
Mode	FR1 n26 / 10MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.38	5.02	6.08	6.44	PASS
Mode	FR1 n26 / 10MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.66				PASS



FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

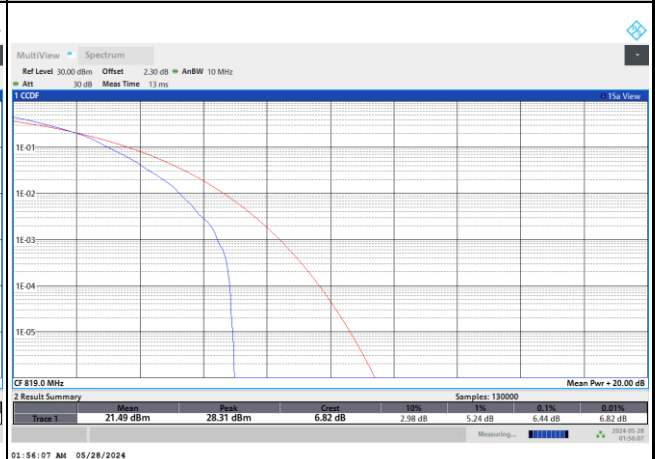
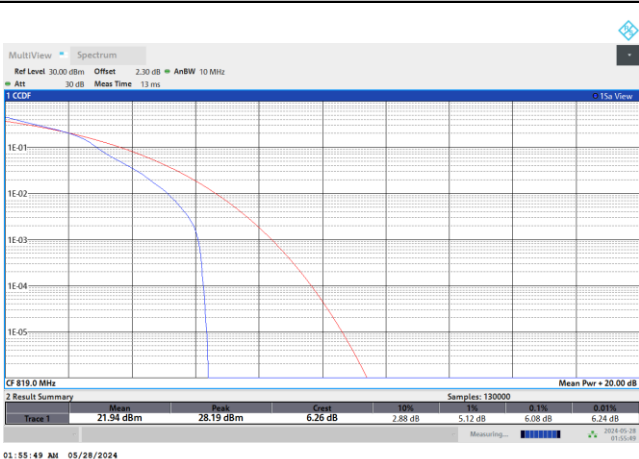
PI/2 BPSK

QPSK

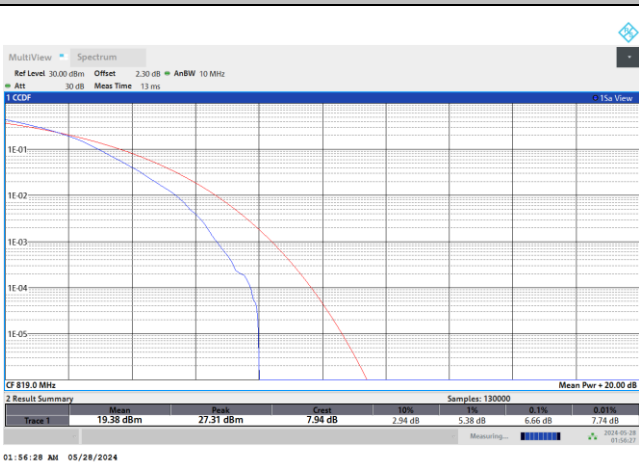


16QAM

64QAM



256QAM





26dB Bandwidth

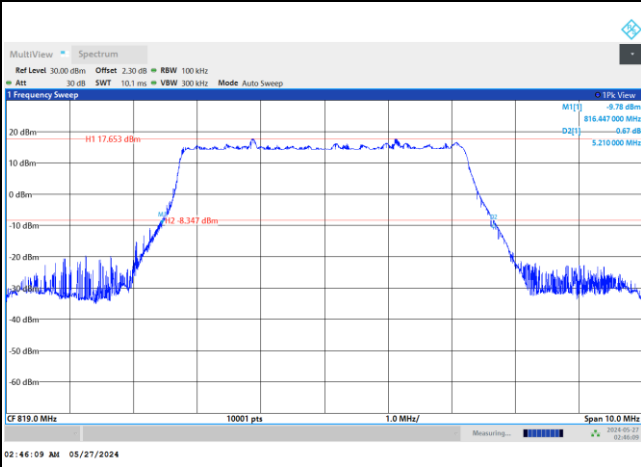
Mode	FR1 n26 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	5.21		9.80					

Mode	FR1 n26 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	5.27	5.29	10.39	10.27				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	5.28	5.29	10.31	10.30				



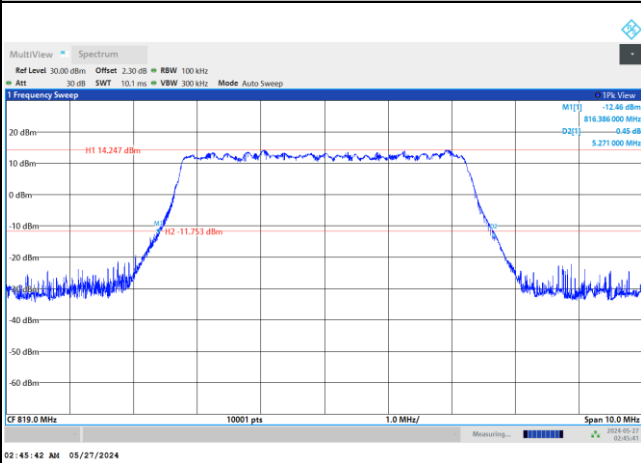
FR1 n26 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

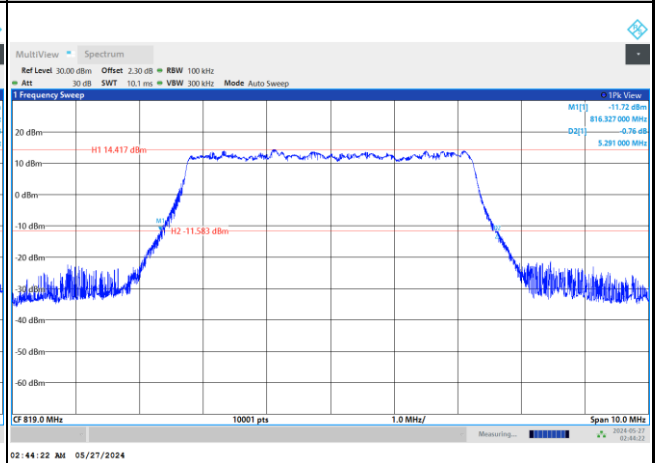


FR1 n26 / 5MHz / CP OFDM / Middle Channel / Full RB

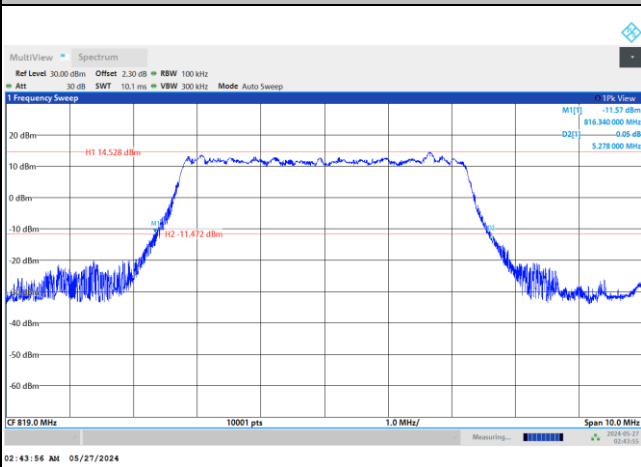
QPSK



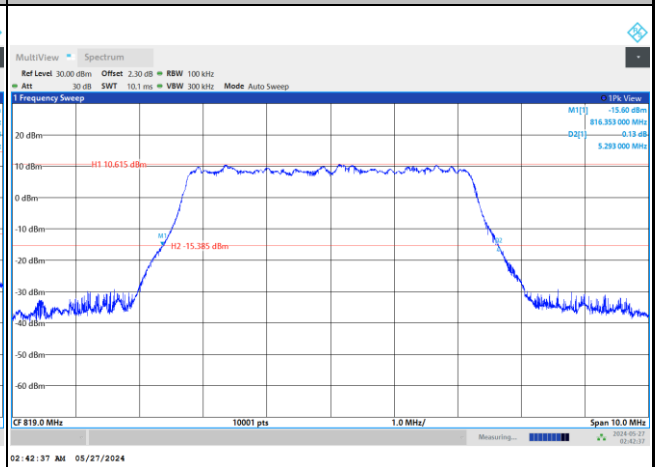
16QAM



64QAM



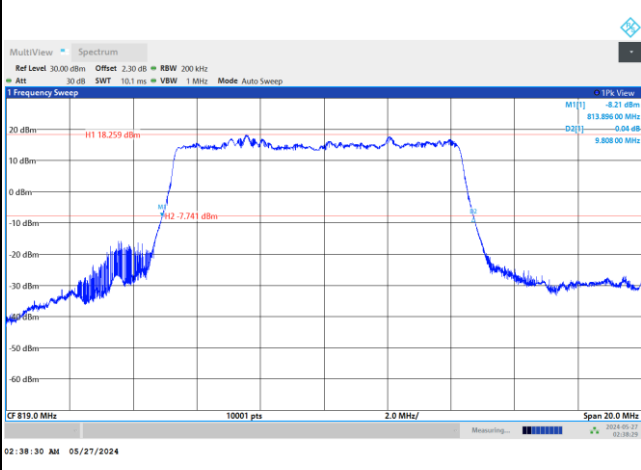
256QAM





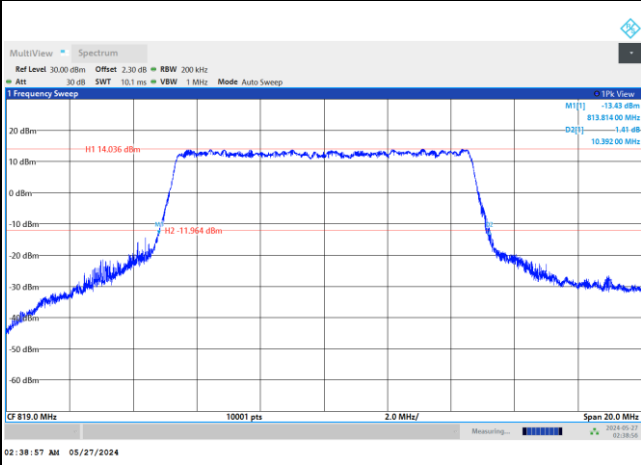
FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

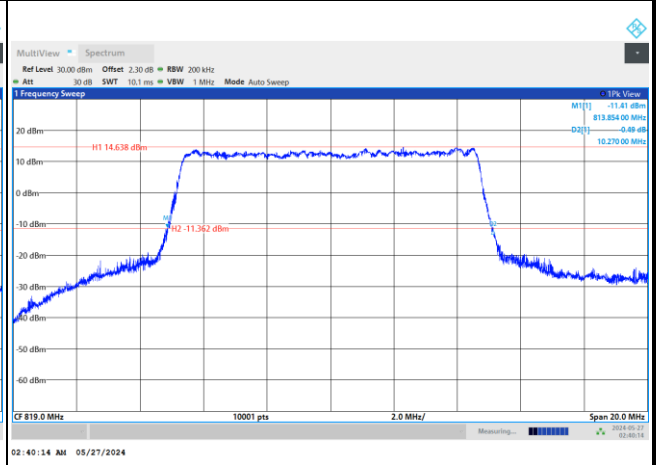


FR1 n26 / 10MHz / CP OFDM / Middle Channel / Full RB

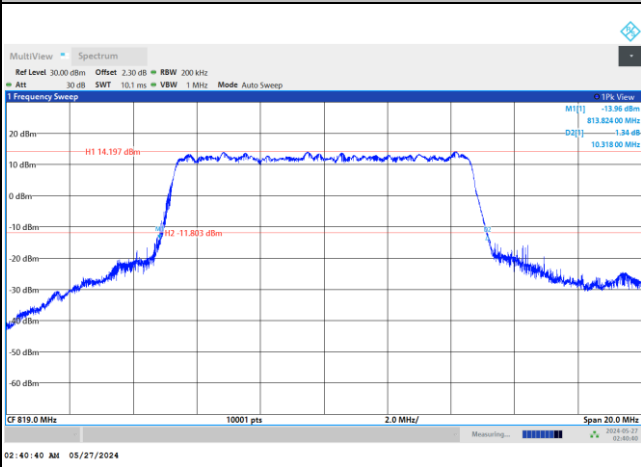
QPSK



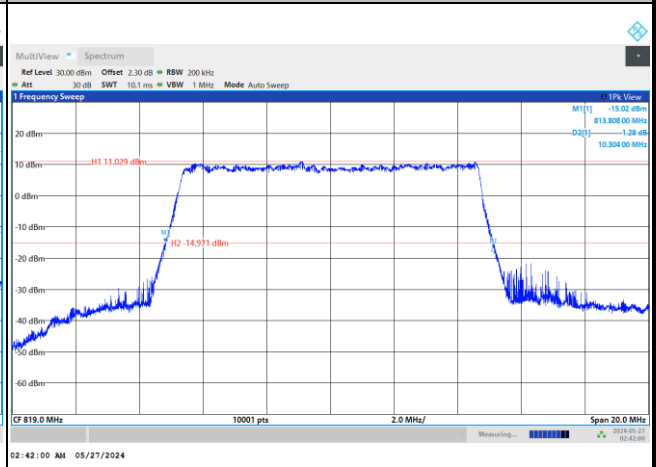
16QAM



64QAM



256QAM





Occupied Bandwidth

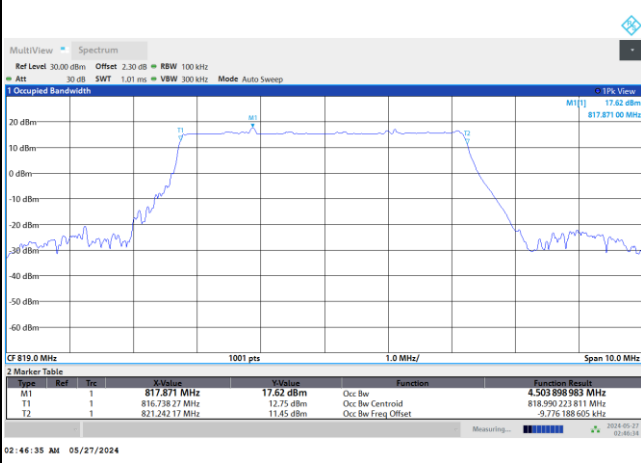
Mode	FR1 n26 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	4.50		8.97					

Mode	FR1 n26 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	4.53	4.53	9.34	9.34				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	4.53	4.51	9.33	9.36				



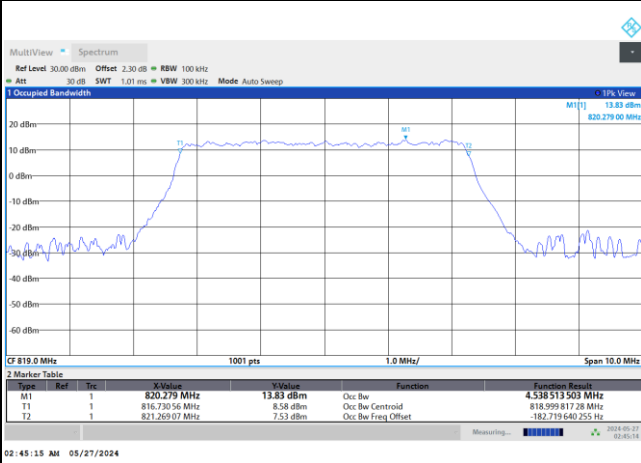
FR1 n26 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

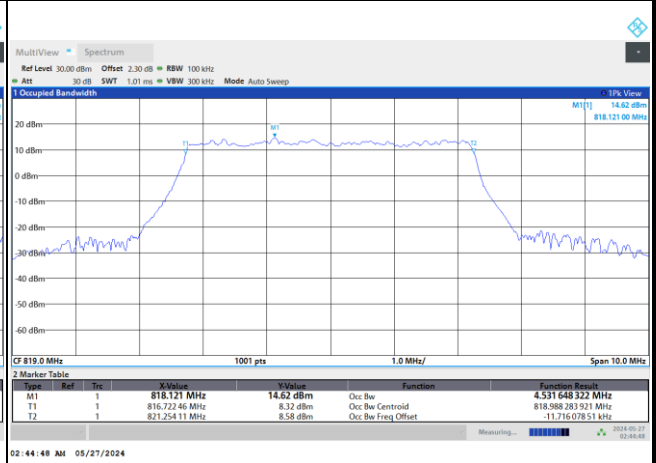


FR1 n26 / 5MHz / CP OFDM / Middle Channel / Full RB

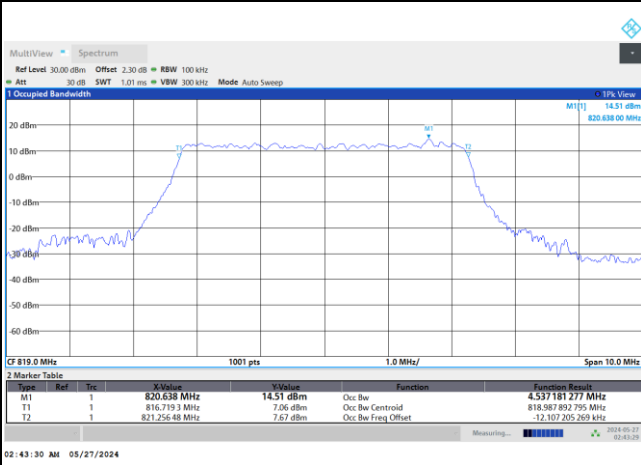
QPSK



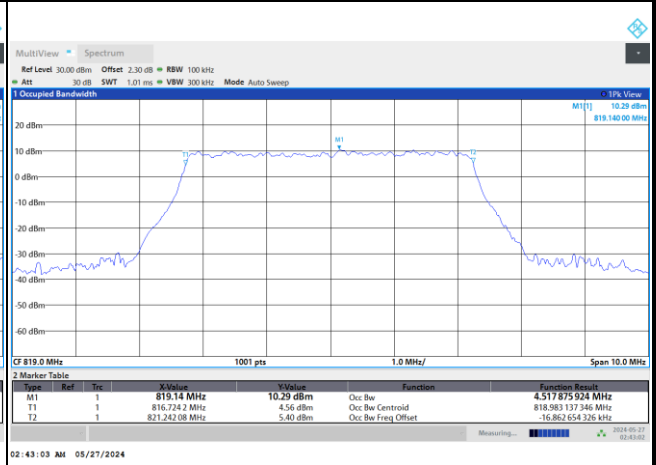
16QAM



64QAM



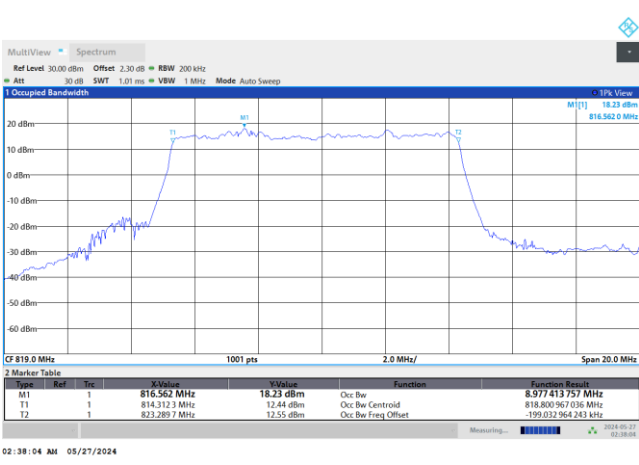
256QAM





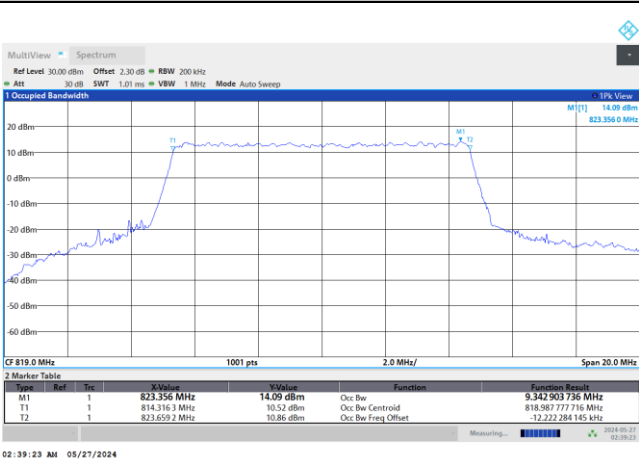
FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

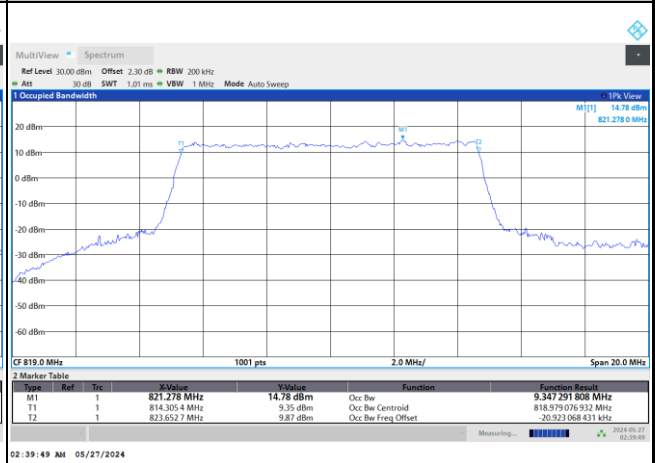


FR1 n26 / 10MHz / CP OFDM / Middle Channel / Full RB

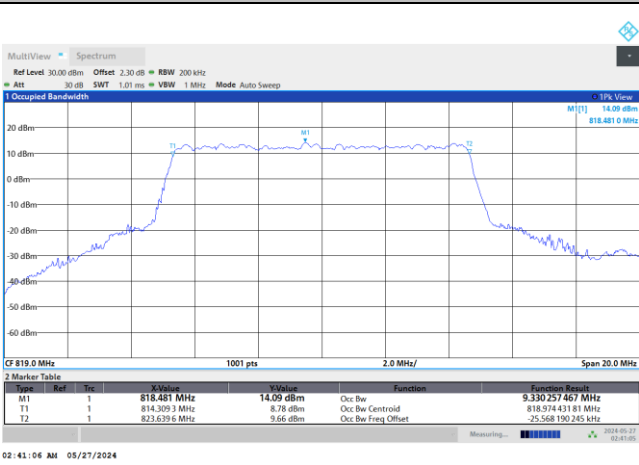
QPSK



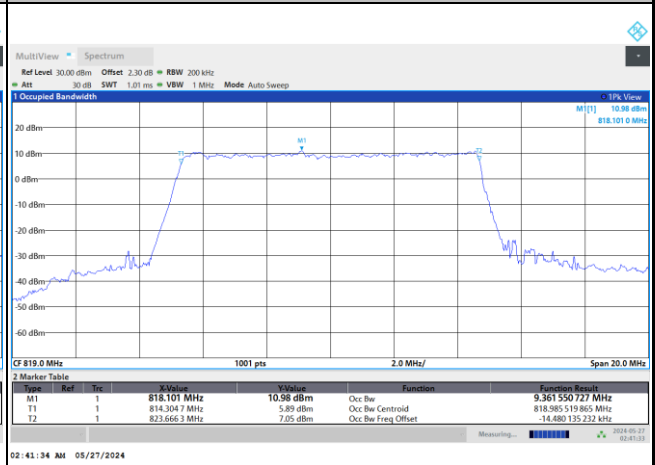
16QAM



64QAM



256QAM



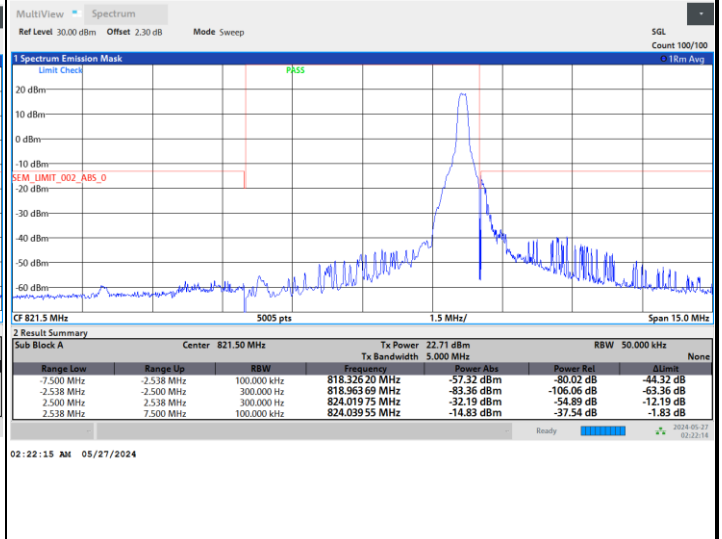
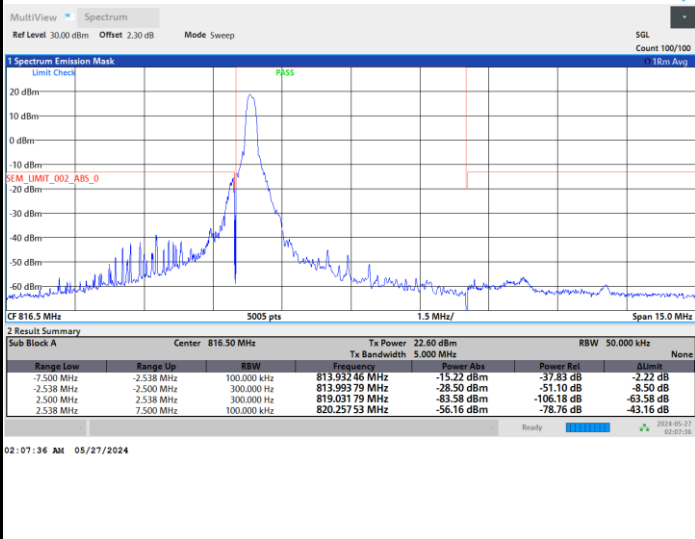


Emission masks – In-band emissions

FR1 n26 / 5MHz / DFT-S OFDM / PI/2 BPSK

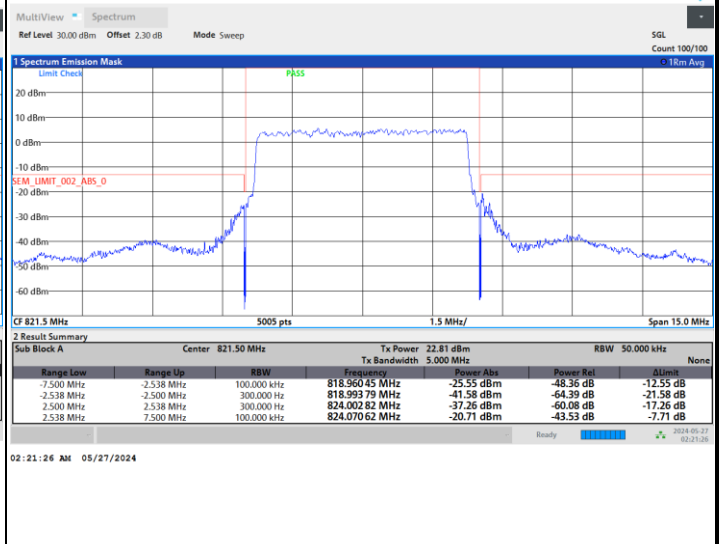
Lowest MASK / 1RB0

Highest MASK / 1RBmax



Lowest MASK / Full RB

Highest MASK / Full RB

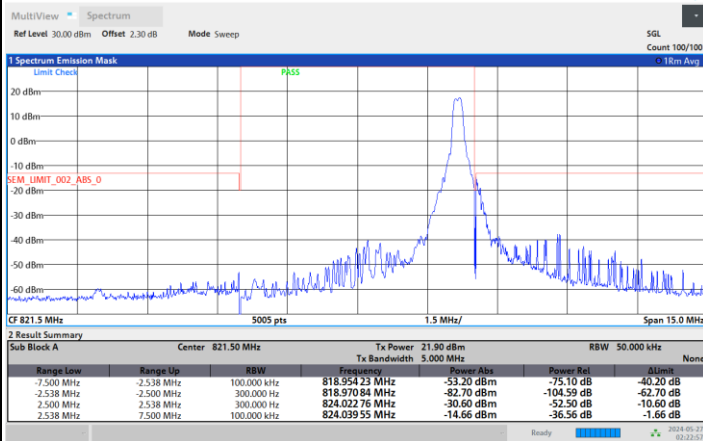
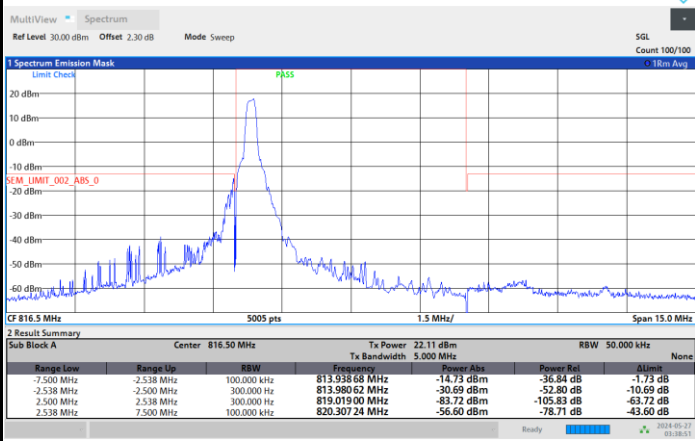




FR1 n26 / 5MHz / DFT-S OFDM / QPSK

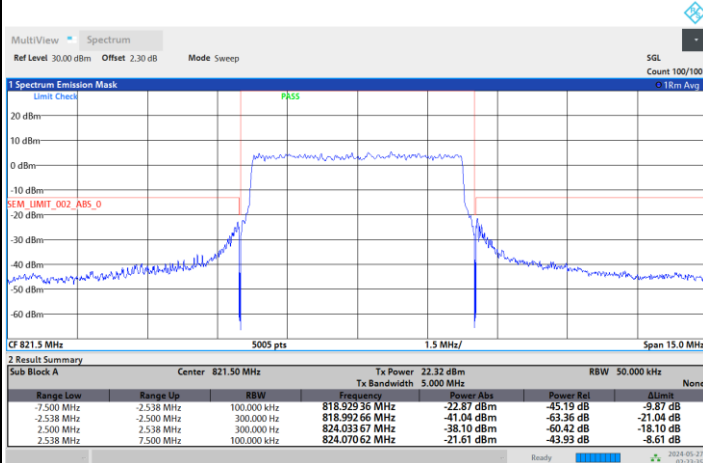
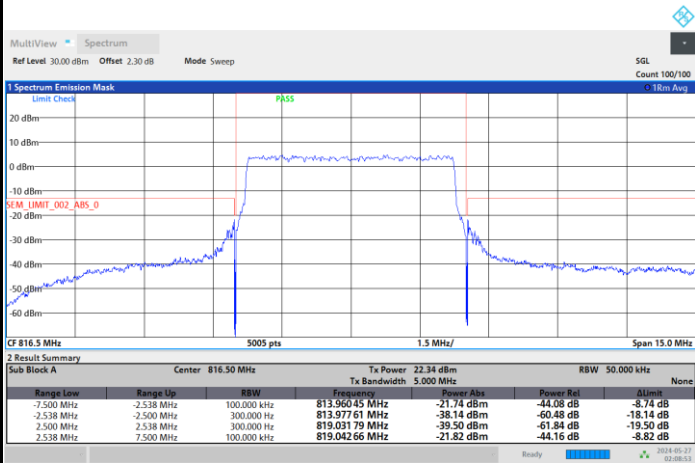
Lowest MASK / 1RB0

Highest MASK / 1RBmax



Lowest MASK / Full RB

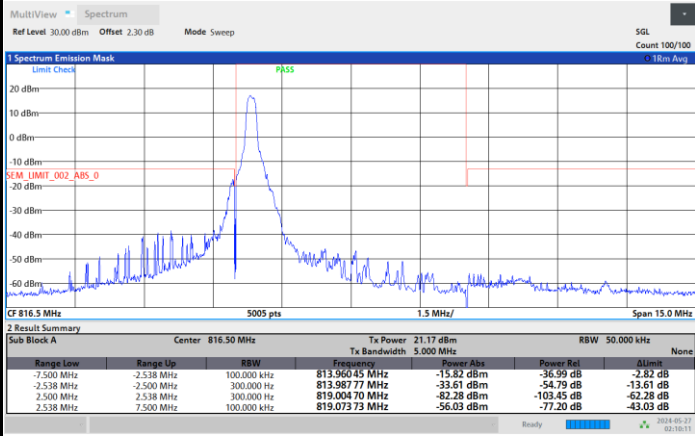
Highest MASK / Full RB



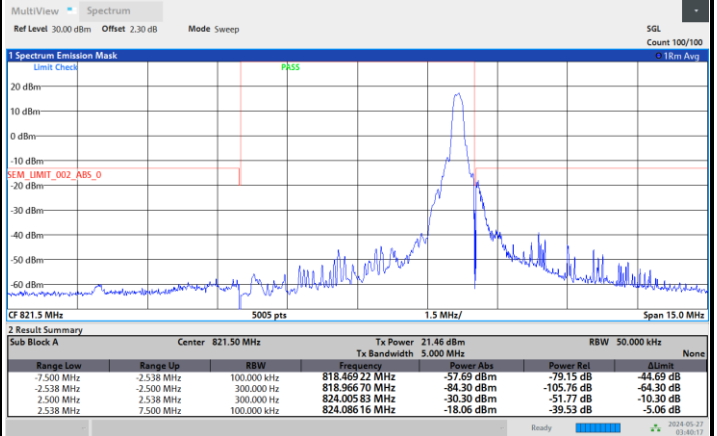


FR1 n26 / 5MHz / DFT-S OFDM / 16QAM

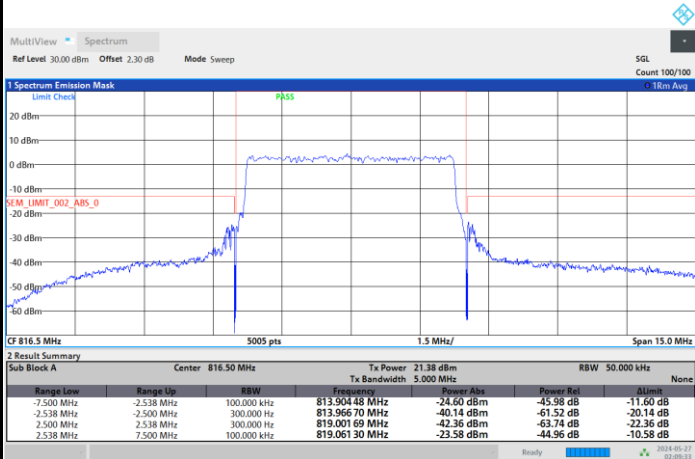
Lowest MASK / 1RB0



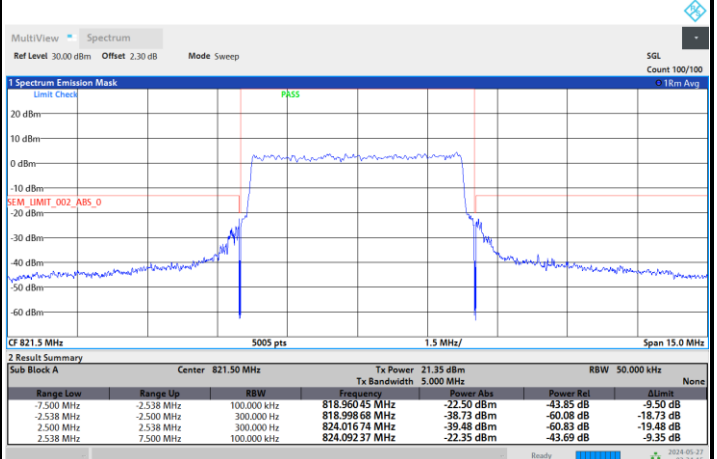
Highest MASK / 1RBmax



Lowest MASK / Full RB



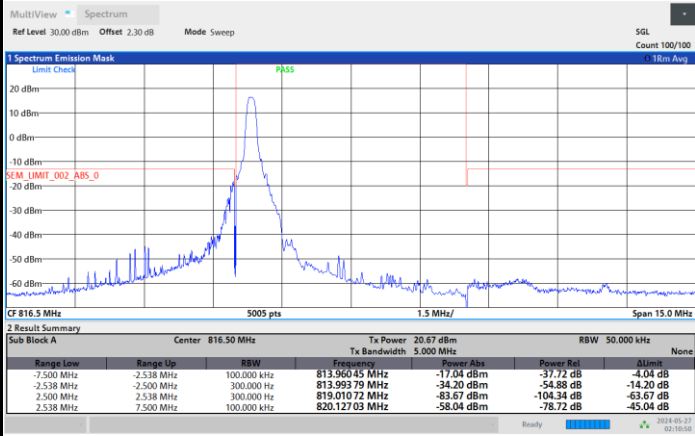
Highest MASK / Full RB



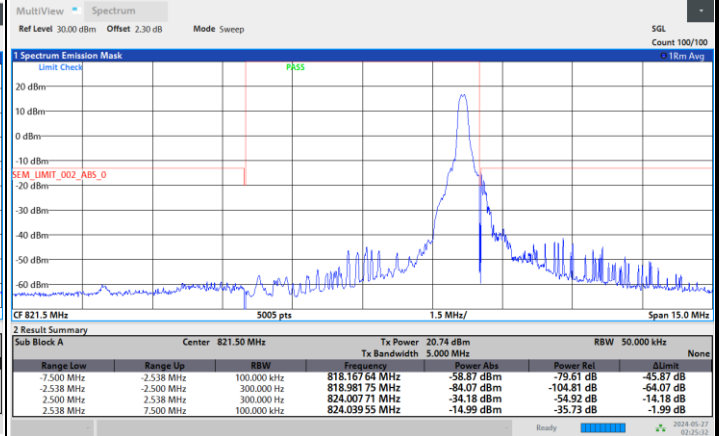


FR1 n26 / 5MHz / DFT-S OFDM / 64QAM

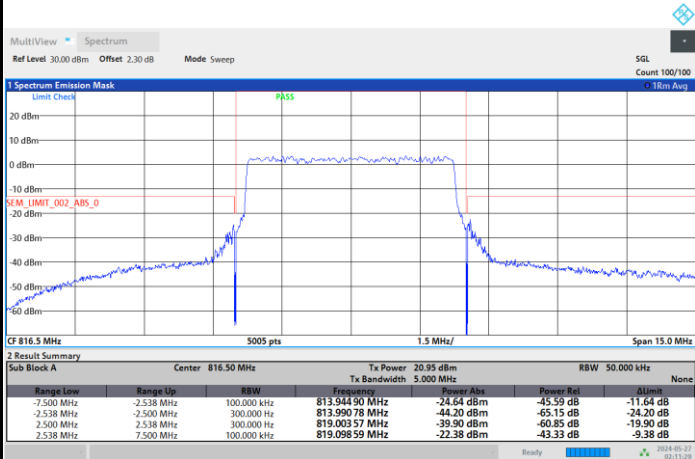
Lowest MASK / 1RB0



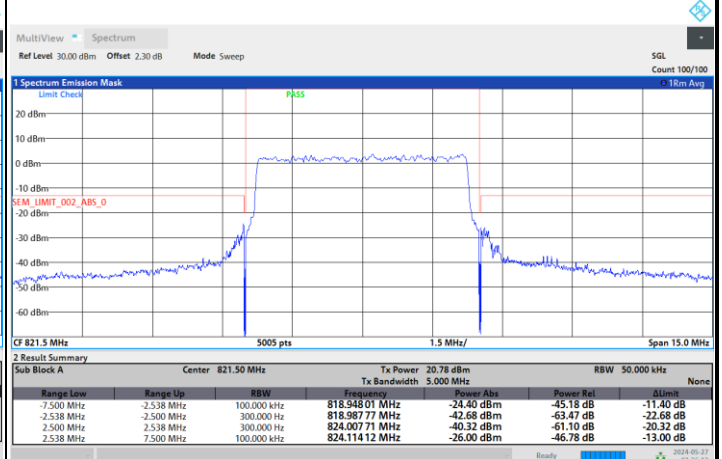
Highest MASK / 1RBmax



Lowest MASK / Full RB



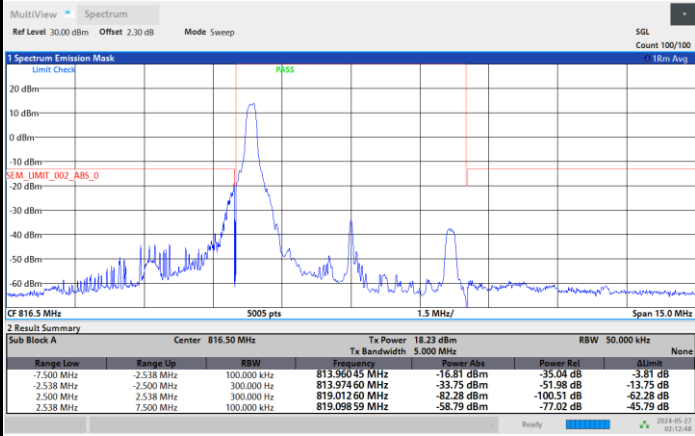
Highest MASK / Full RB





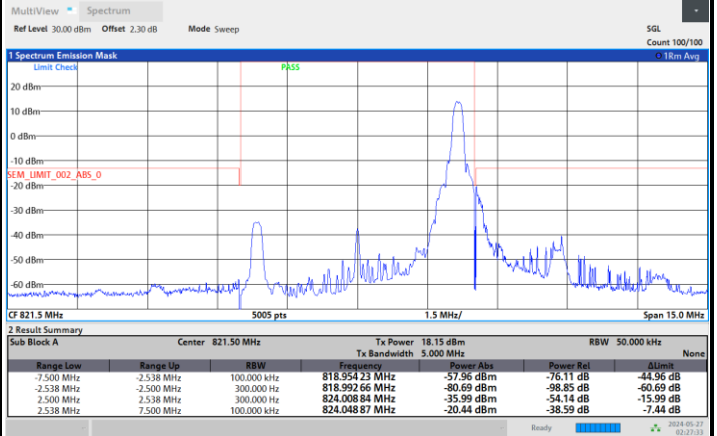
FR1 n26 / 5MHz / DFT-S OFDM / 256QAM

Lowest MASK / 1RB0



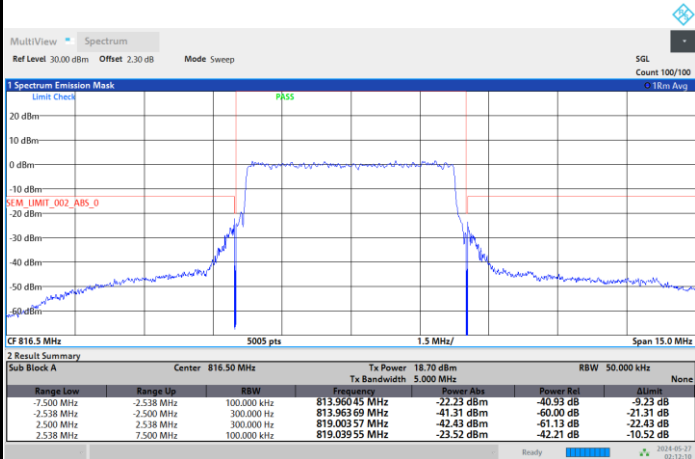
02:12:49 AM 05/27/2024

Highest MASK / 1RBmax



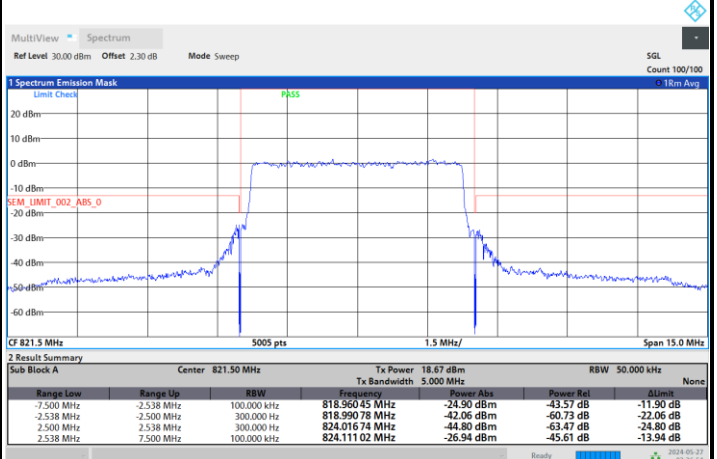
02:27:34 AM 05/27/2024

Lowest MASK / Full RB



02:12:10 AM 05/27/2024

Highest MASK / Full RB



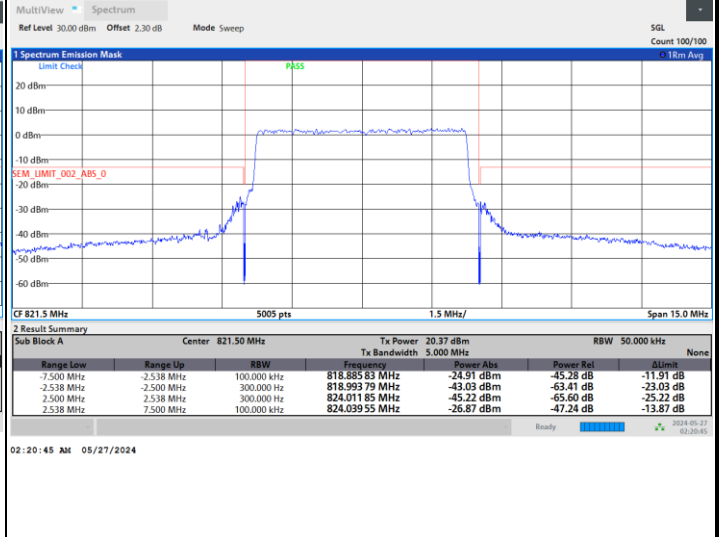
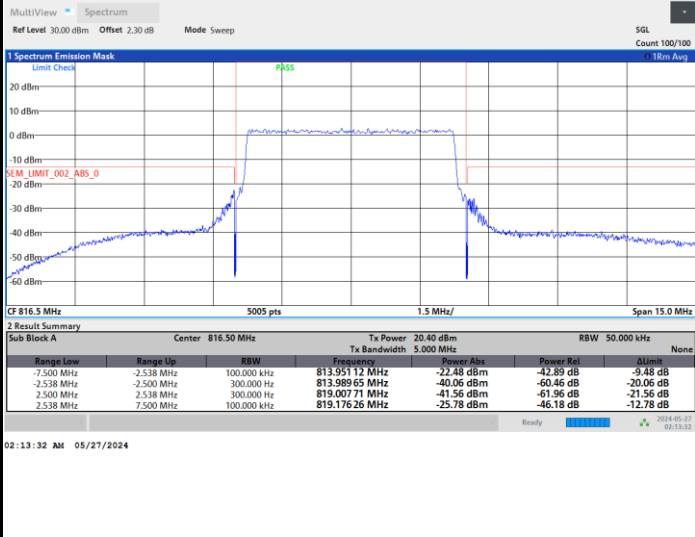
02:26:54 AM 05/27/2024



FR1 n26 / 5MHz / CP OFDM / QPSK / Full RB

Lowest MASK

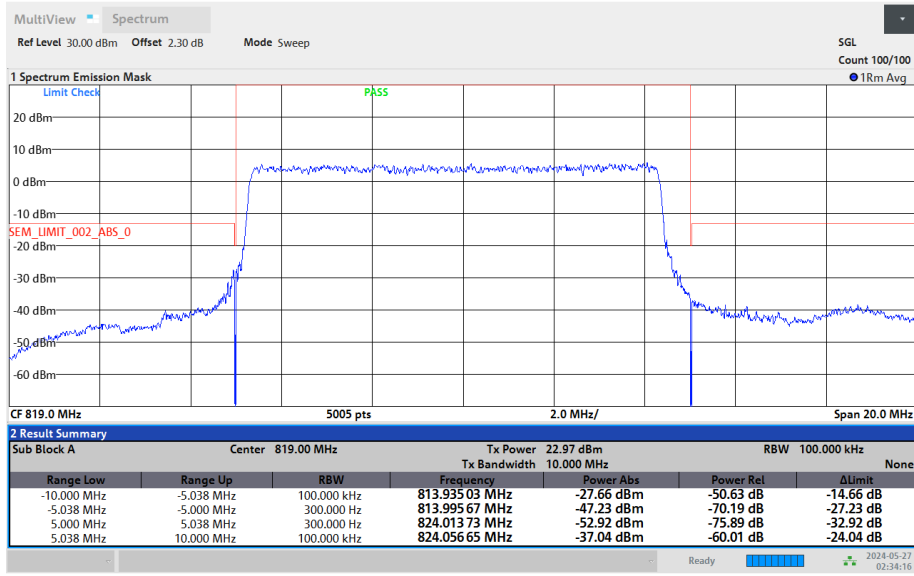
Highest MASK





FR1 n26 / 10MHz / DFT-s-OFDM / PI/2 BPSK

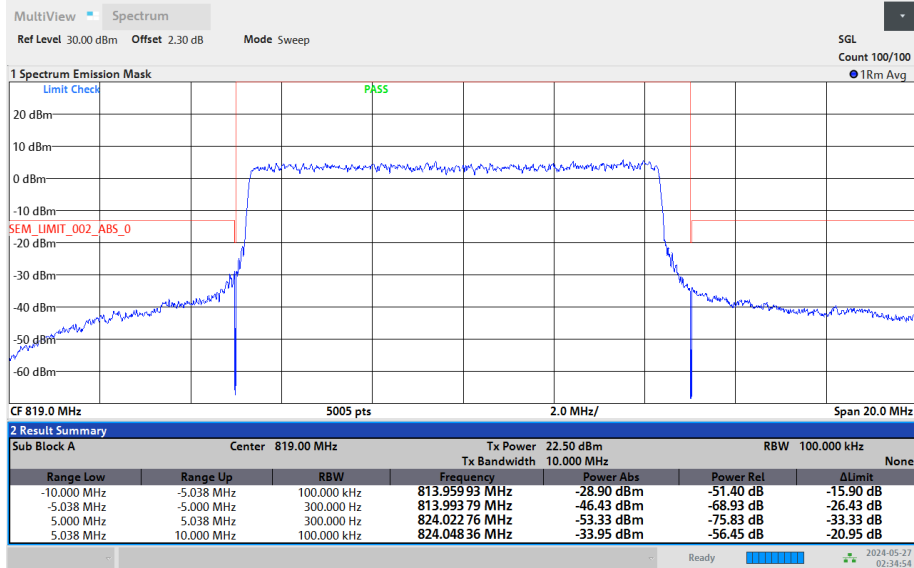
Middle MASK / Full RB



02:34:16 AM 05/27/2024

FR1 n26 / 10MHz / DFT-s-OFDM / QPSK

Lowest MASK / Full RB

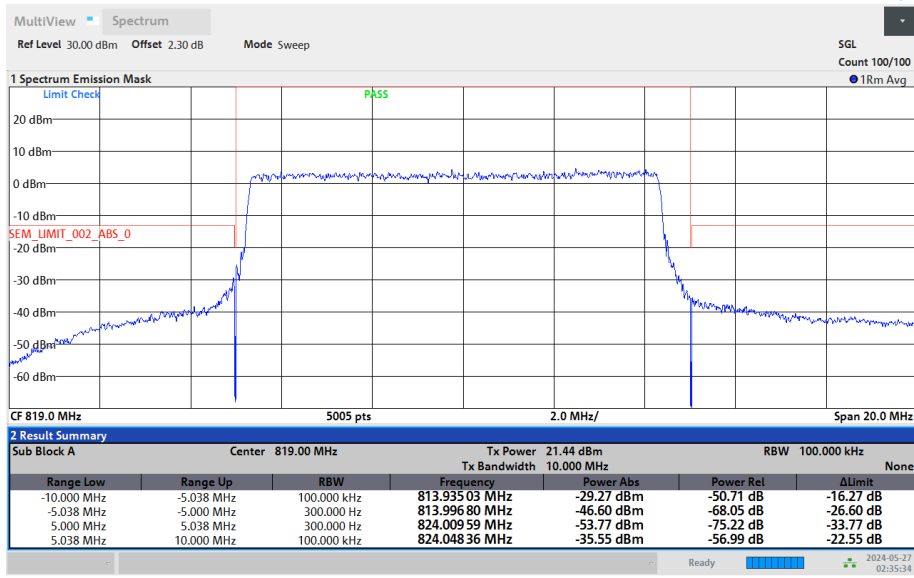


02:34:55 AM 05/27/2024



FR1 n26 / 10MHz / DFT-s-OFDM / 16QAM

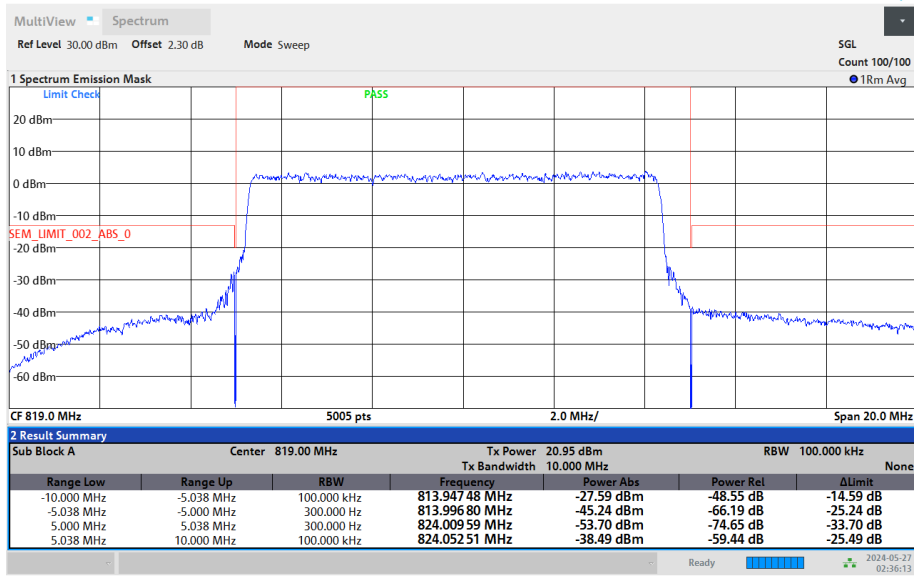
Middle MASK / Full RB



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FR1 n26 / 10MHz / DFT-s-OFDM / 64QAM

Middle MASK / Full RB

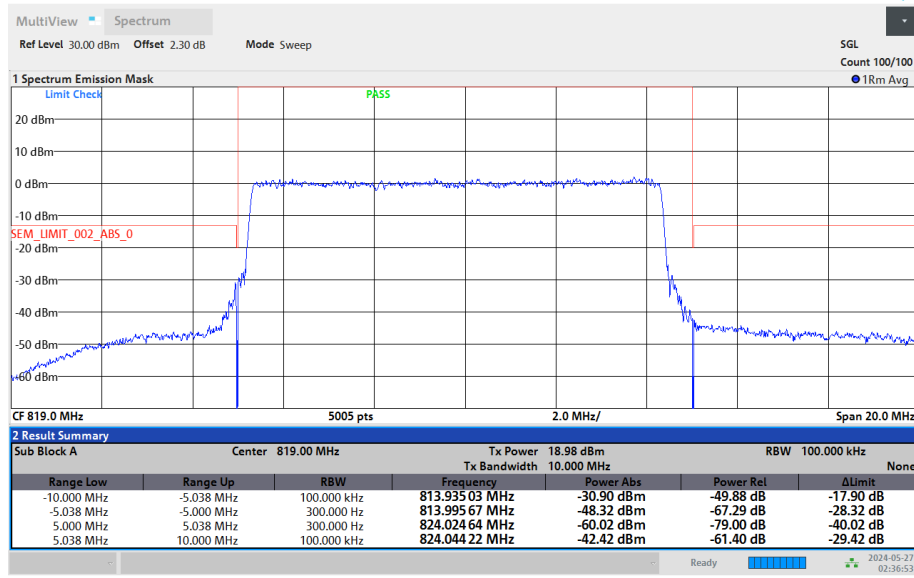


02:36:13 AM 05/27/2024



FR1 n26 / 10MHz / DFT-s-OFDM / 256QAM

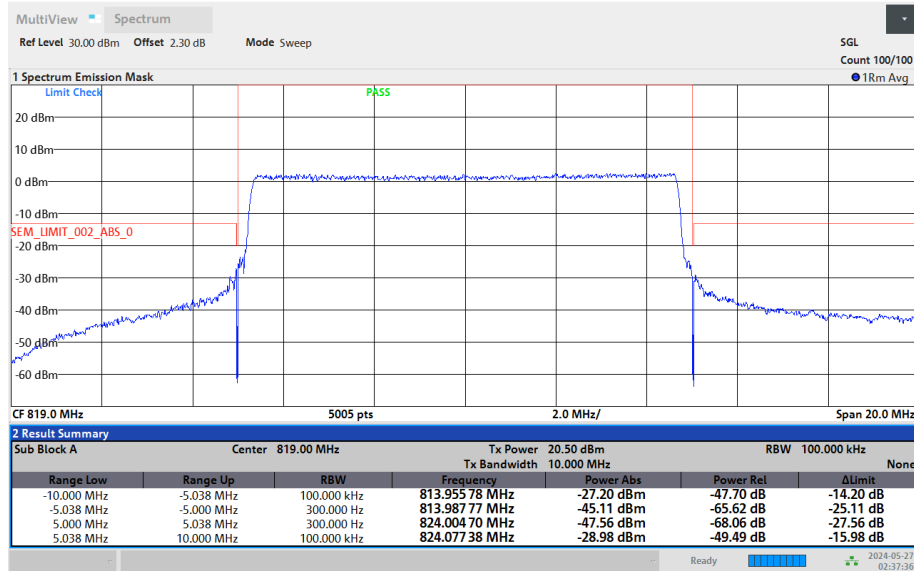
Middle MASK / Full RB



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FR1 n26 / 10MHz / CP OFDM / QPSK / Full RB

Middle MASK



02:37:36 AM 05/27/2024

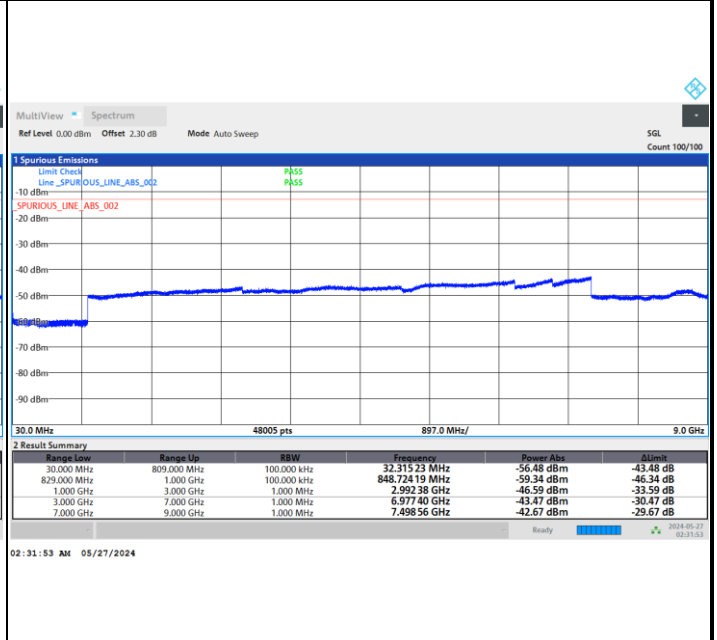
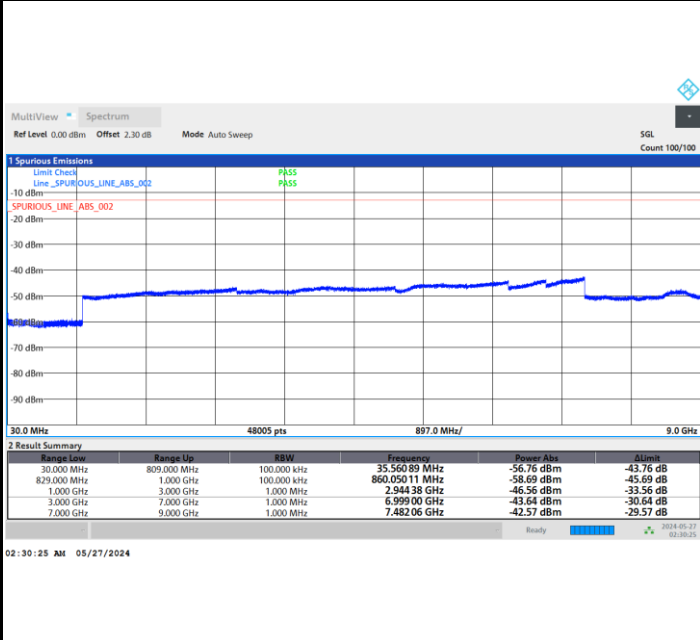


Emission masks – Out of band emissions

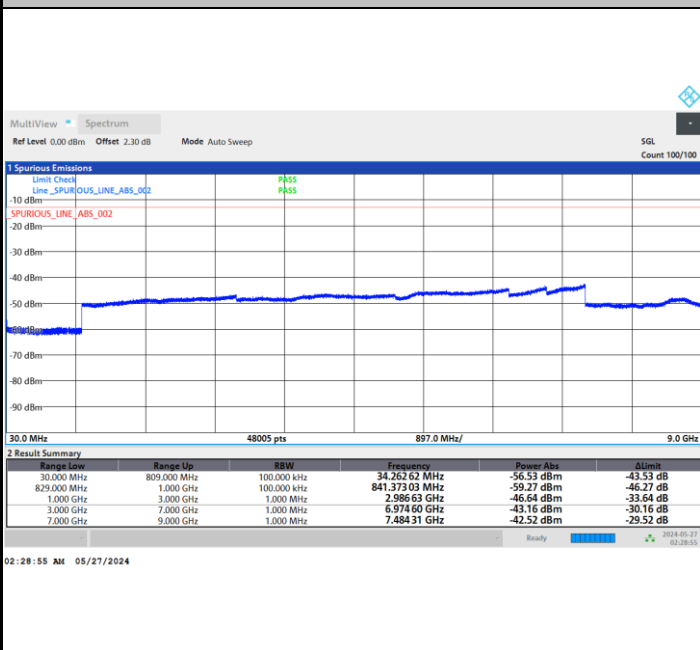
FR1 n26 / 5MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel

Middle Channel



Highest Channel





Frequency Stability

Test Conditions		FR1 n26 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0064	
30	Normal Voltage	0.0055	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0002	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0038	
20	Battery End Point	0.0000	

Note: Normal Voltage = 3.86 V. ; Battery End Point (MASKP) = 3.5 V. ; Maximum Voltage = 4.4 V.

Test Conditions		FR1 n26 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	2.5 ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0045	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0005	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0043	

Note: Normal Voltage = 3.86 V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.4 V.



FR1 n26 Part90S Straddle Channel

Peak-to-Average Ratio

Mode	FR1 n26 / 20MHz / DFT-S OFDM				
Mod.	PI/2 BPSK	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	3.80	4.44	5.54	5.90	PASS
Mode	FR1 n26 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.76				PASS