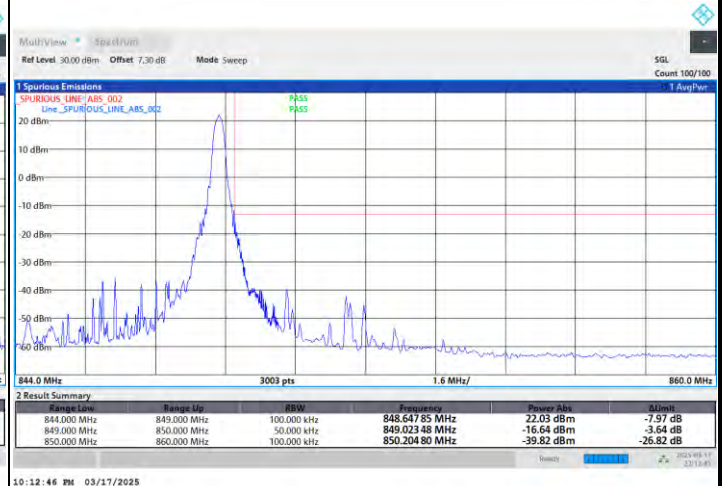
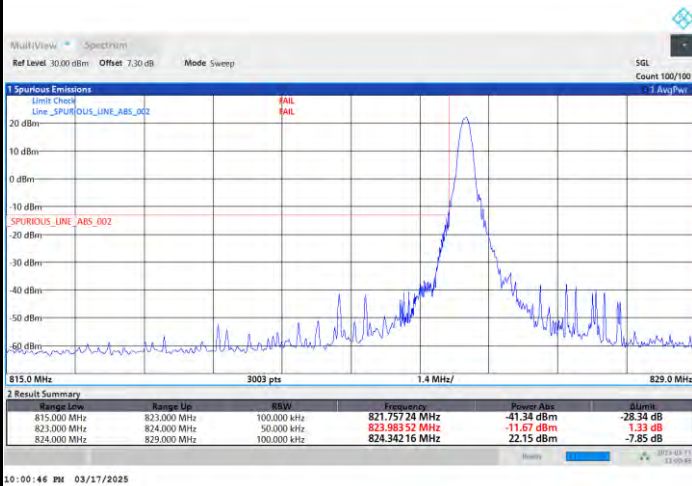




FR1 n26 / 5MHz / DFT-S OFDM / 64QAM

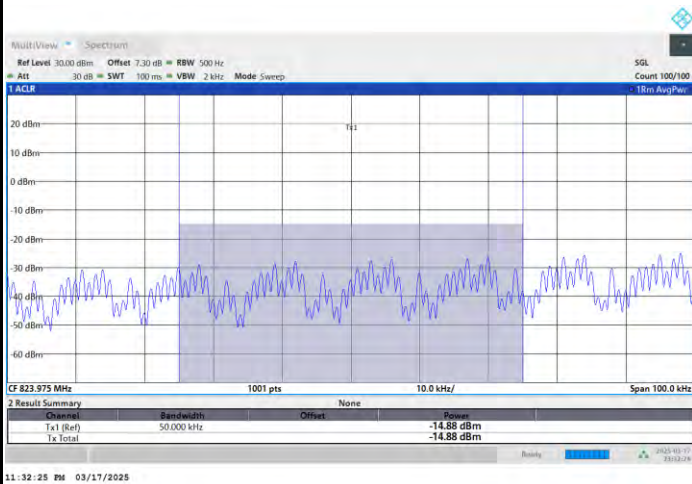
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Channel power -13dBm > -14.88dBm (PASS)

N/A



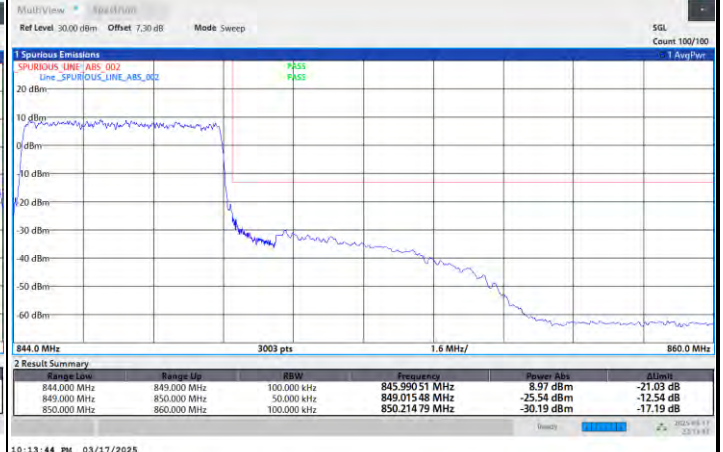
N/A



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

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

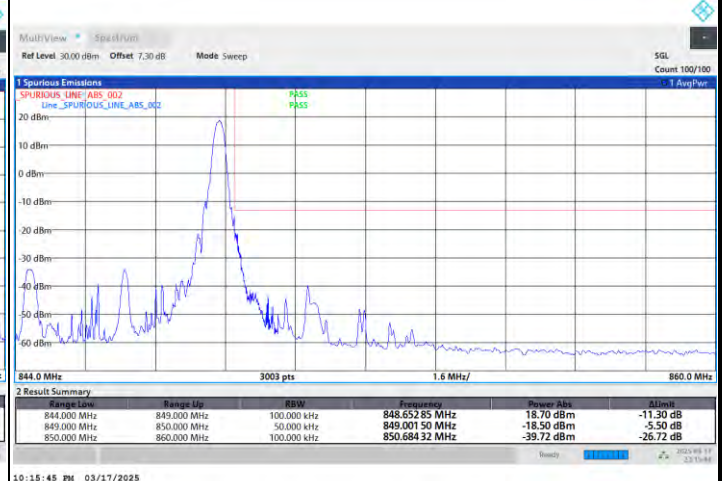




FR1 n26 / 5MHz / DFT-S OFDM / 256QAM

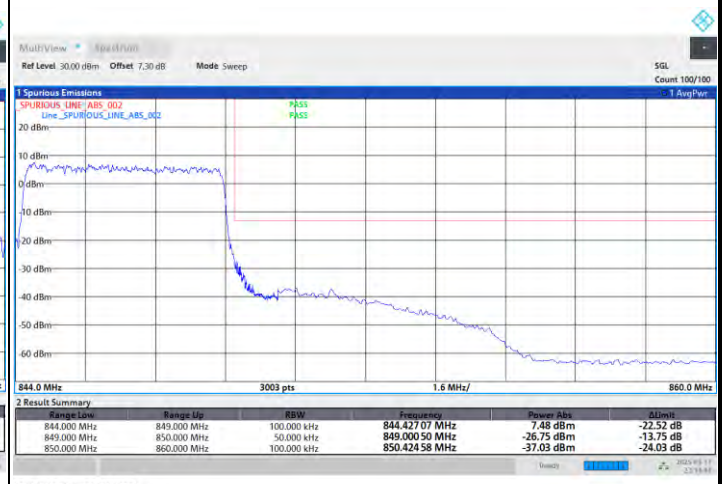
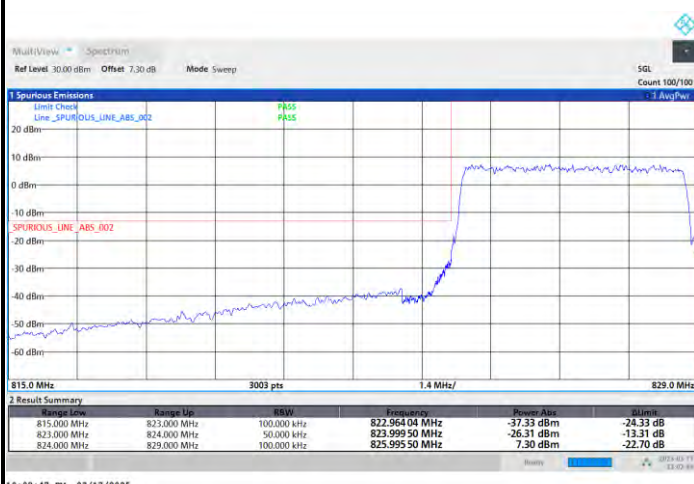
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB



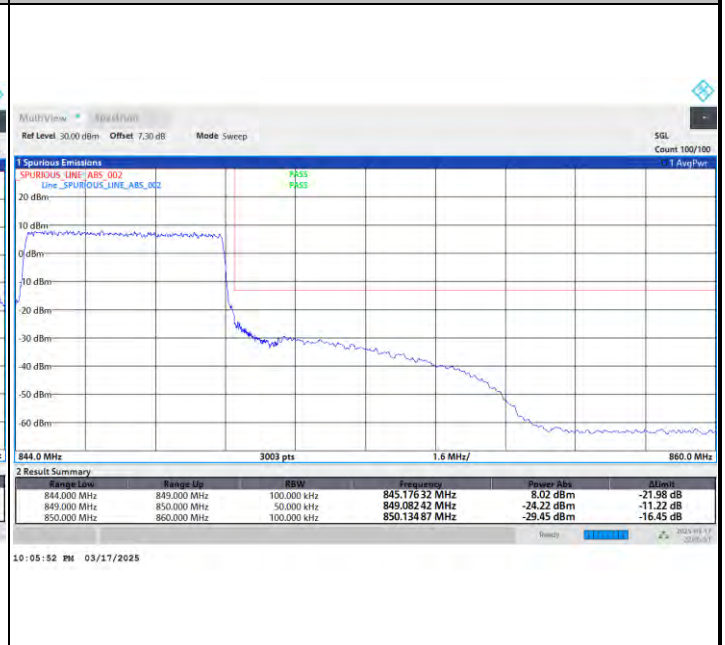


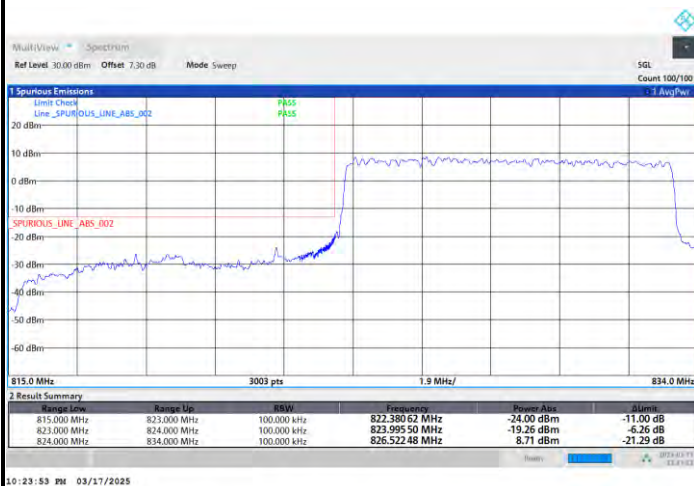
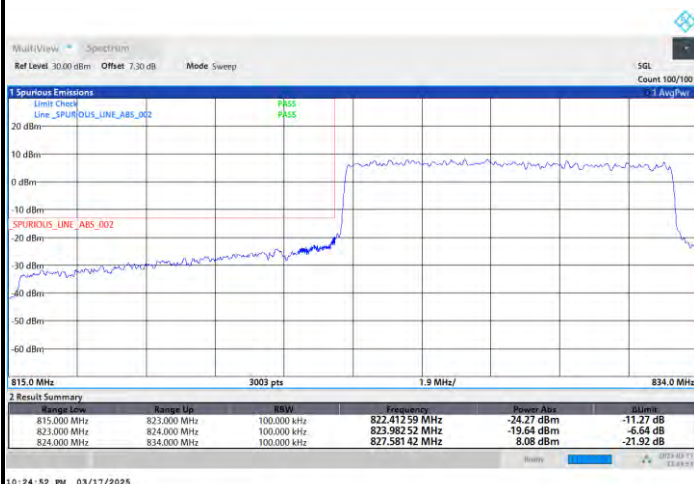
FR1 n26 / 5MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

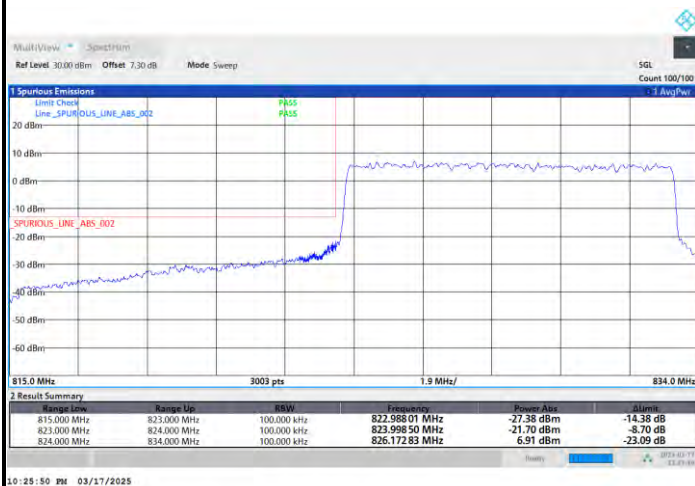


**FR1 n26 / 10MHz / DFT-s-OFDM / PI/2 BPSK / Full RB****Lowest Band Edge****Highest Band Edge****FR1 n26 / 10MHz / DFT-s-OFDM / QPSK / Full RB****Lowest Band Edge****Highest Band Edge**



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

Lowest Band Edge

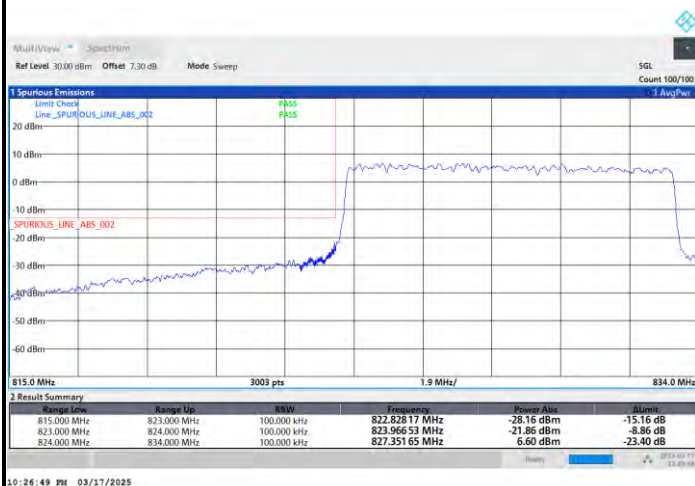


Highest Band Edge



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

Lowest Band Edge



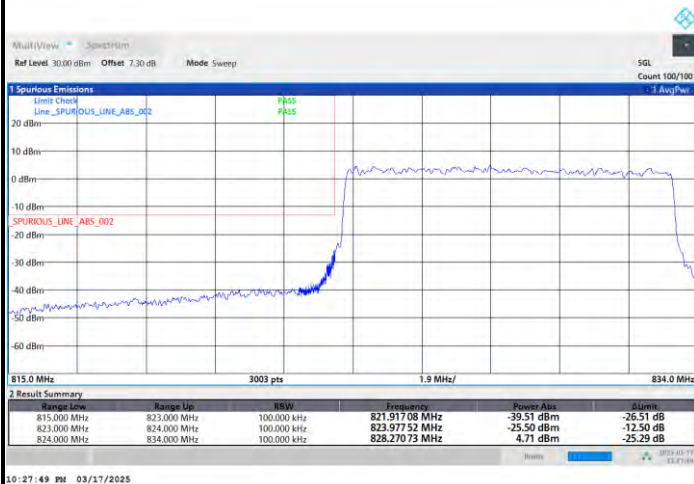
Highest Band Edge





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

Lowest Band Edge



Highest Band Edge



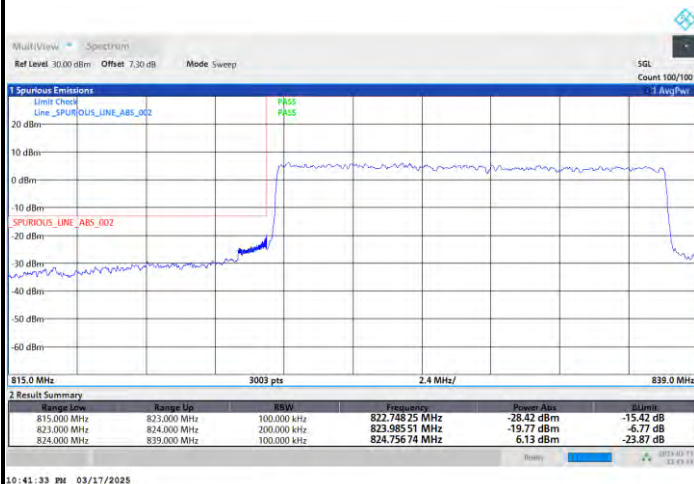
FR1 n26 / 10MHz / CP OFDM / QPSK / Full RB

Lowest Band Edge



Highest Band Edge

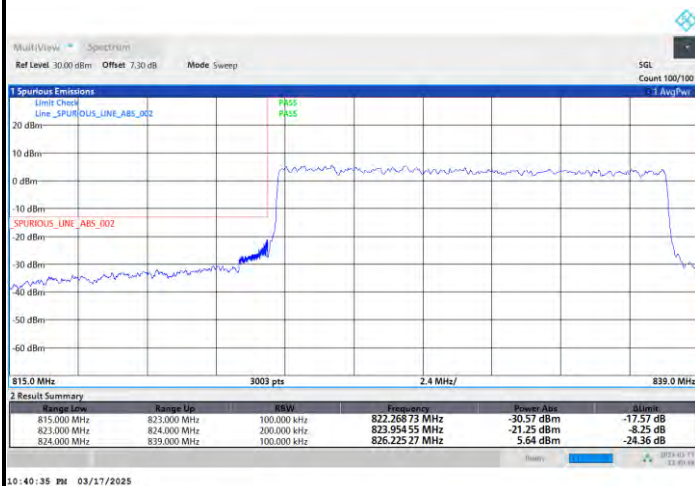


**FR1 n26 / 15MHz / DFT-s-OFDM / PI/2 BPSK / Full RB****Lowest Band Edge****Highest Band Edge****FR1 n26 / 15MHz / DFT-s-OFDM / QPSK / Full RB****Lowest Band Edge****Highest Band Edge**



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

Lowest Band Edge

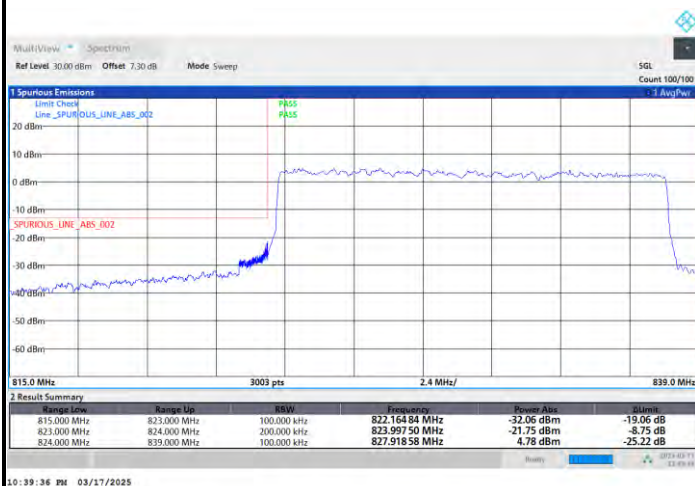


Highest Band Edge



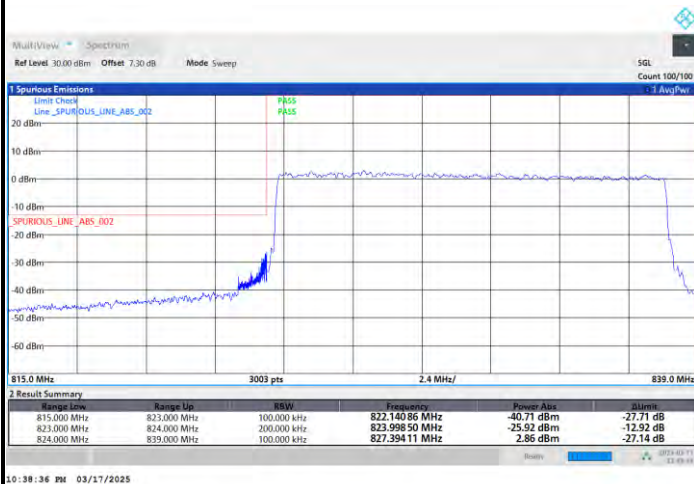
FR1 n26 / 15MHz / DFT-s-OFDM / 64QAM / Full RB

Lowest Band Edge



Highest Band Edge



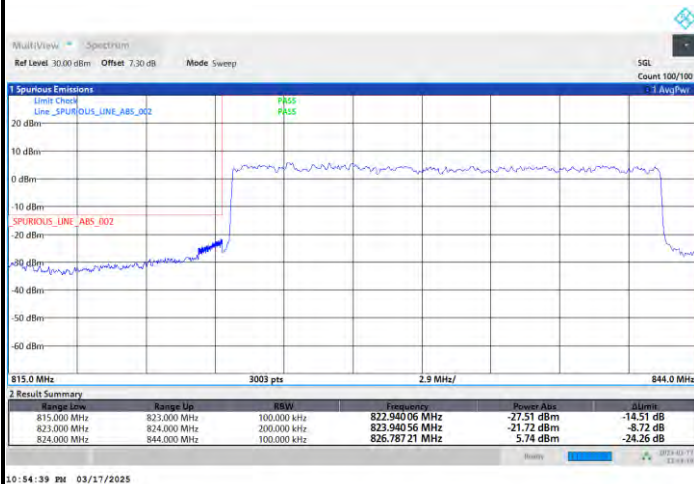
**FR1 n26 / 15MHz / DFT-s-OFDM / 256QAM / Full RB****Lowest Band Edge****Highest Band Edge****FR1 n26 / 15MHz / CP OFDM / QPSK / Full RB****Lowest Band Edge****Highest Band Edge**



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

Lowest Band Edge

Highest Band Edge



10:54:39 PM 03/17/2025

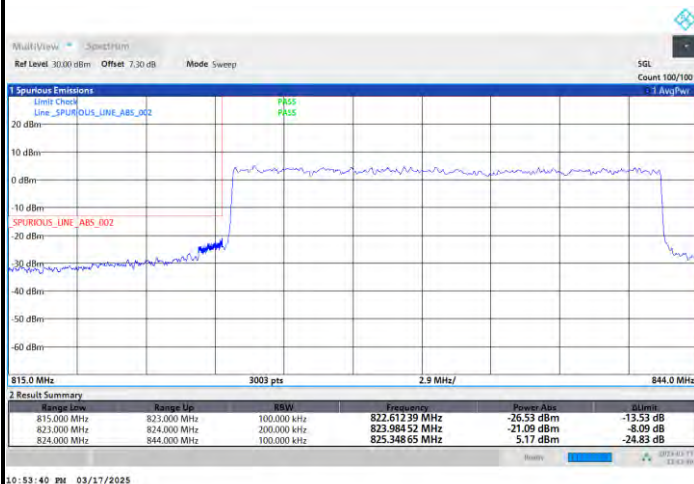


10:57:47 PM 03/17/2025

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

Lowest Band Edge

Highest Band Edge



10:53:40 PM 03/17/2025

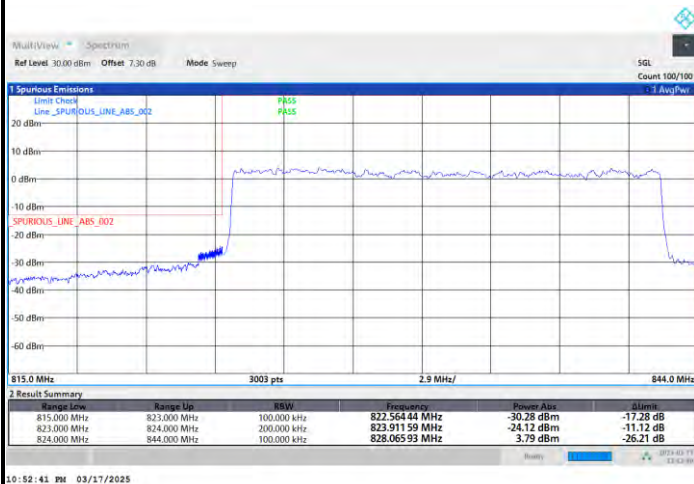


10:58:45 PM 03/17/2025



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

Lowest Band Edge

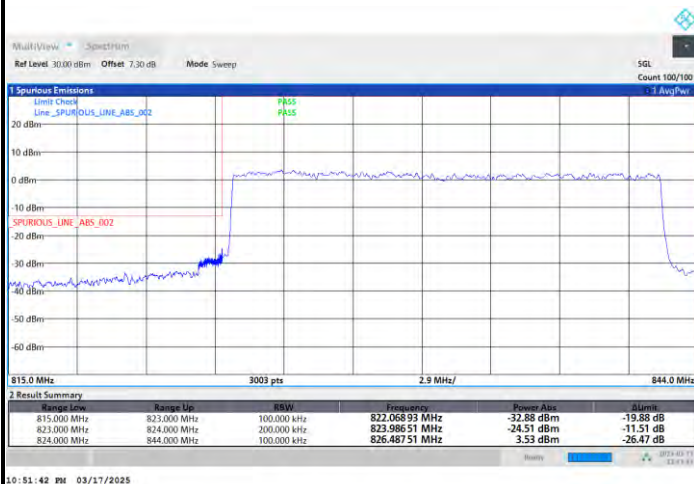


Highest Band Edge



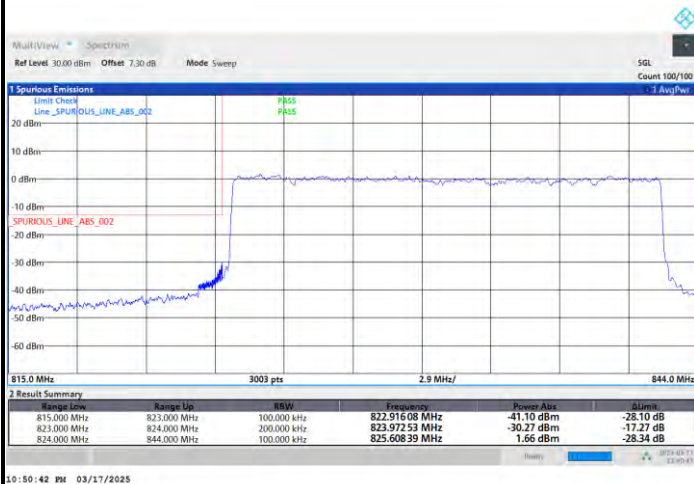
FR1 n26 / 20MHz / DFT-s-OFDM / 64QAM / Full RB

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**



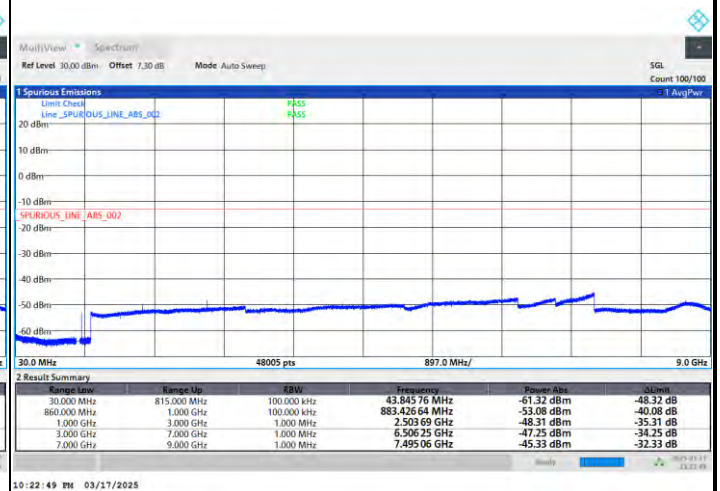
Conducted Spurious Emission

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	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0000	PASS
40	Normal Voltage	0.0015	
30	Normal Voltage	0.0167	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0143	
0	Normal Voltage	0.0054	
-10	Normal Voltage	0.0182	
-20	Normal Voltage	0.0098	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0031	

Note:

1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.30 V. ; Maximum Voltage = 4.40 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

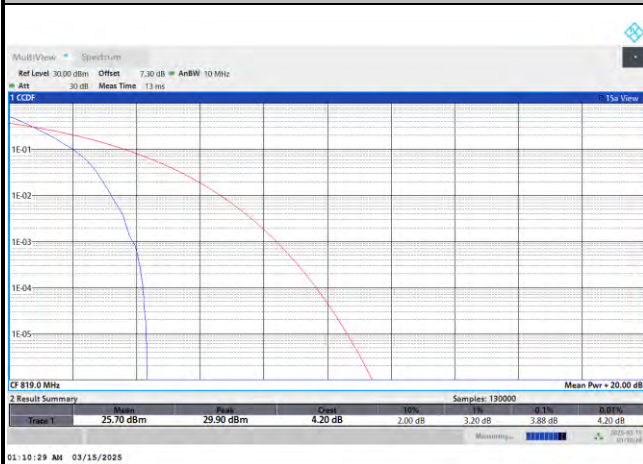
**FR1 n26_Part90S****Peak-to-Average Ratio**

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	3.88	4.48	5.44	5.86	PASS
Mode	FR1 n26 / 10MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.62				PASS

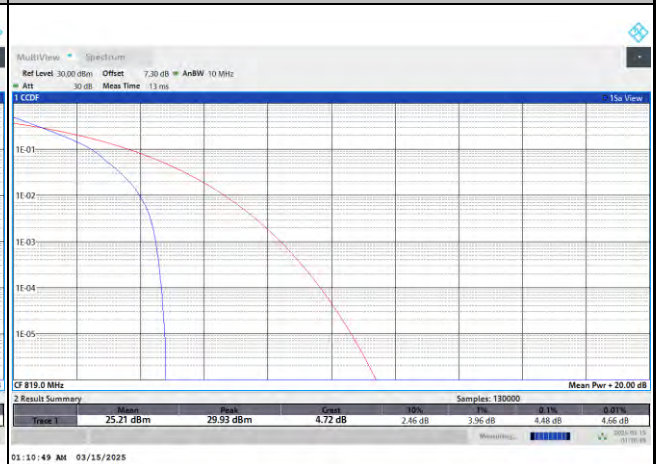


FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

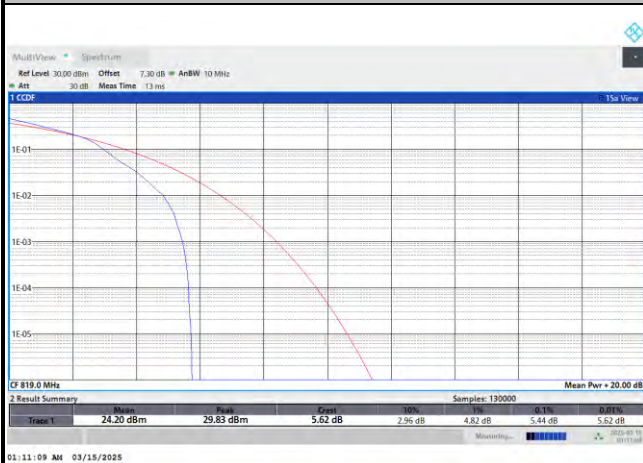
PI/2 BPSK



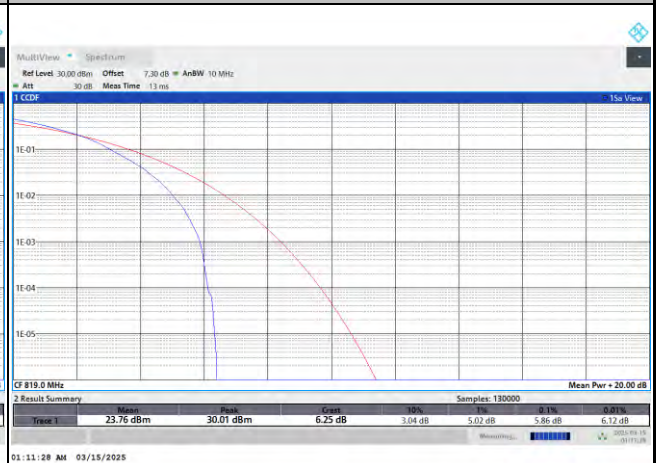
QPSK



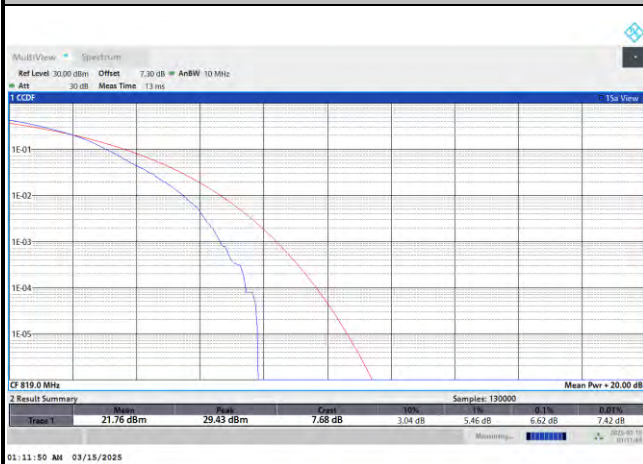
16QAM



64QAM



256QAM



**26dB Bandwidth**

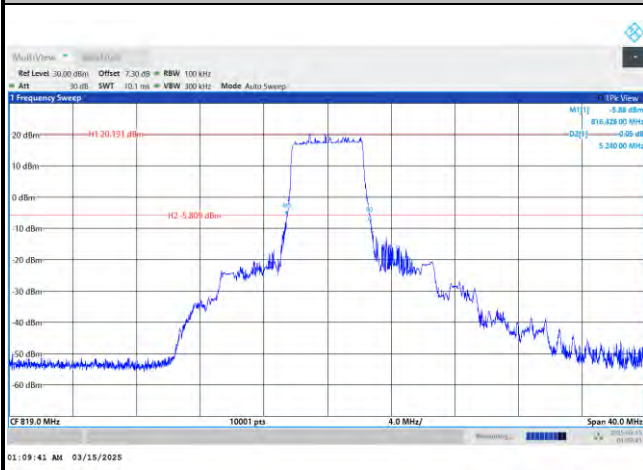
Mode	FR1 n26 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	5.24		9.80					

Mode	FR1 n26 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	5.31	5.28	10.35	10.29				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	5.27	5.35	10.56	10.26				



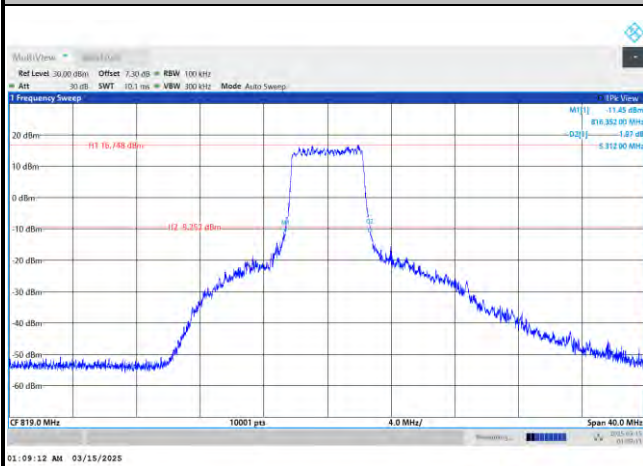
FR1 n26 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

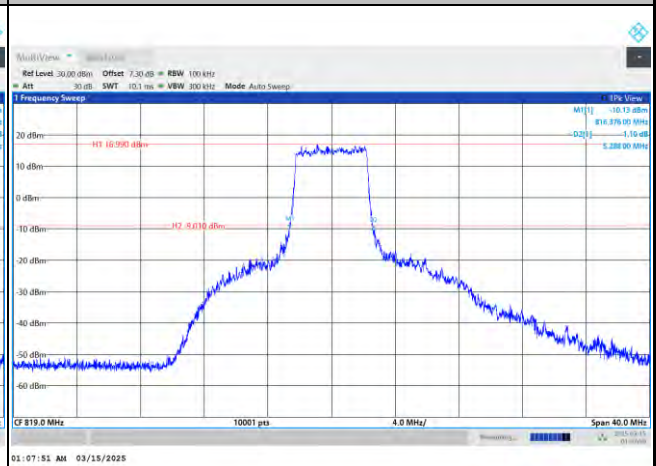


FR1 n26 / 5MHz / CP OFDM / Middle Channel / Full RB

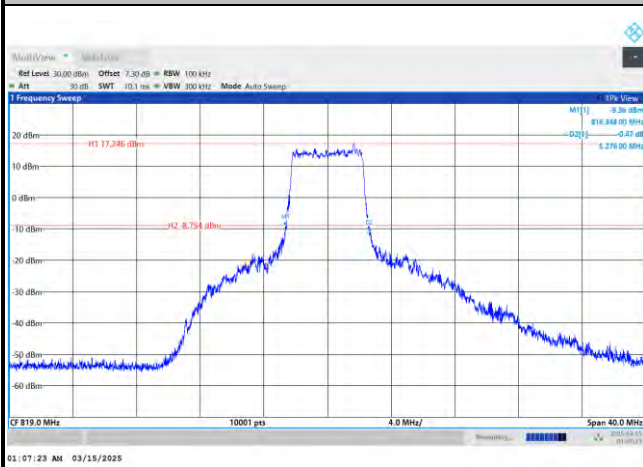
QPSK



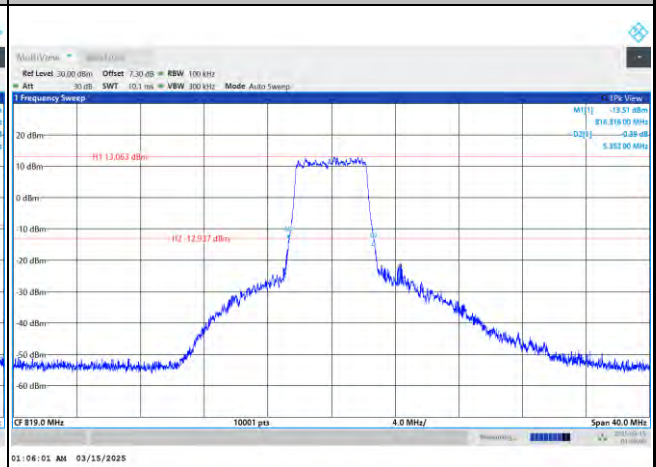
16QAM



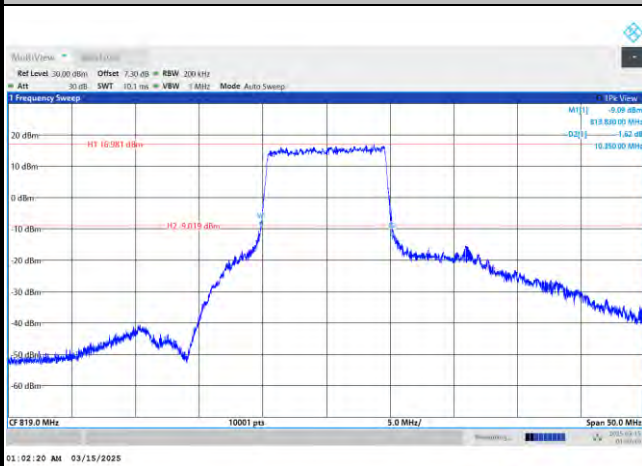
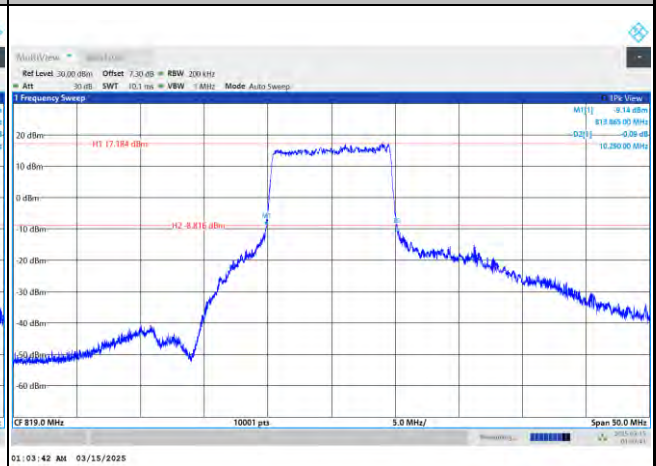
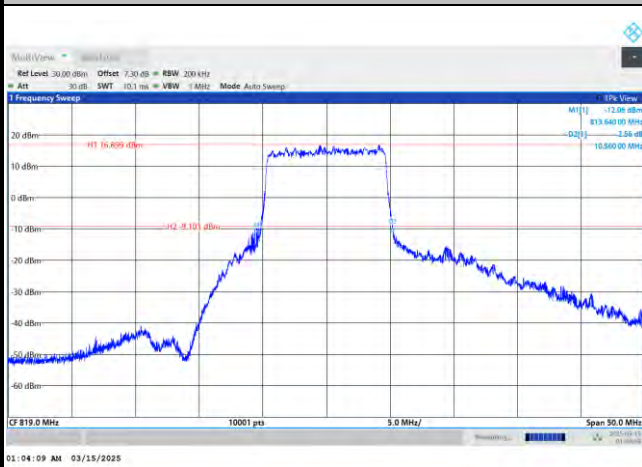
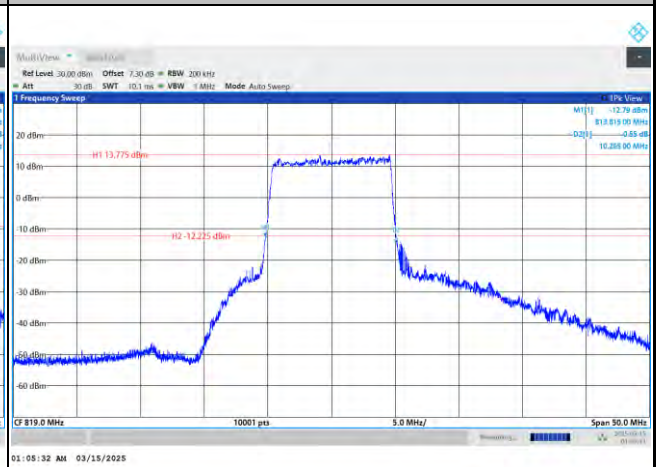
64QAM



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**

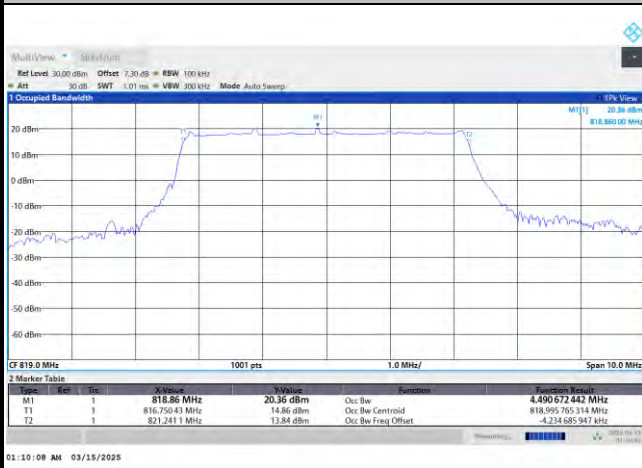
Mode	FR1 n26 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK		PI/2 BPSK					
Middle CH	4.49		8.97					

Mode	FR1 n26 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	4.53	4.53	9.33	9.34				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	4.52	4.51	9.32	9.36				



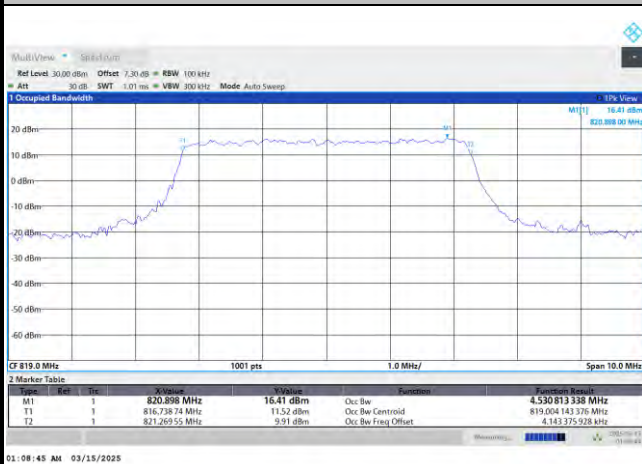
FR1 n26 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

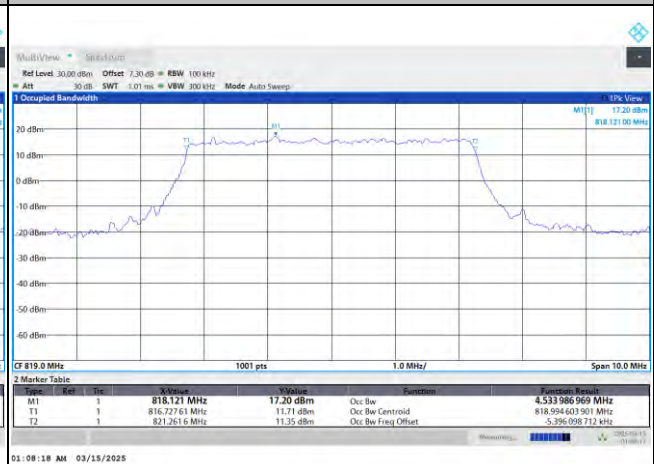


FR1 n26 / 5MHz / CP OFDM / Middle Channel / Full RB

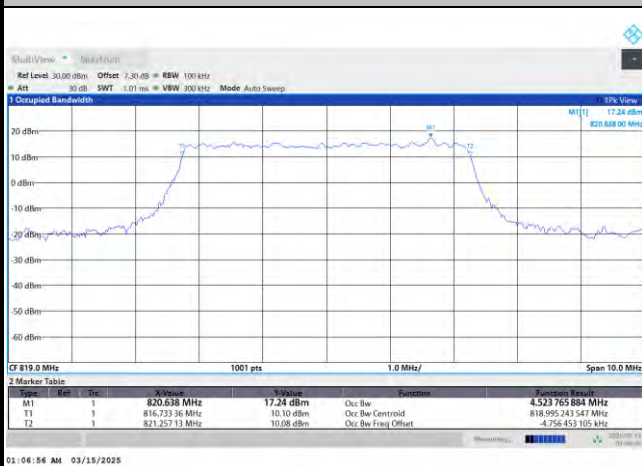
QPSK



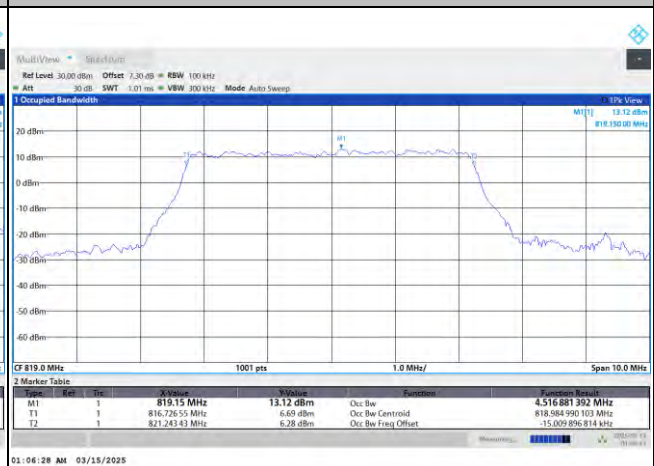
16QAM



64QAM



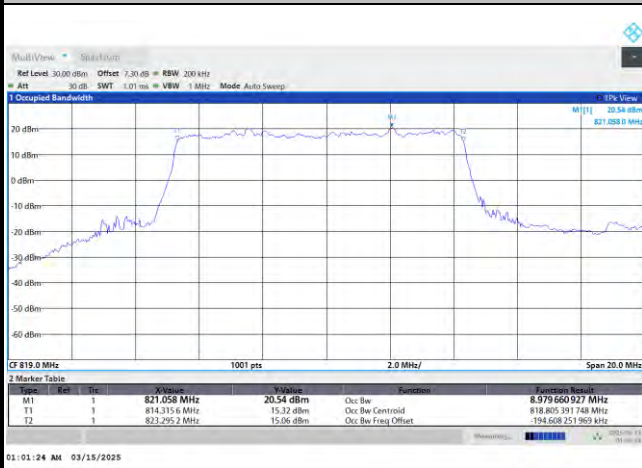
256QAM





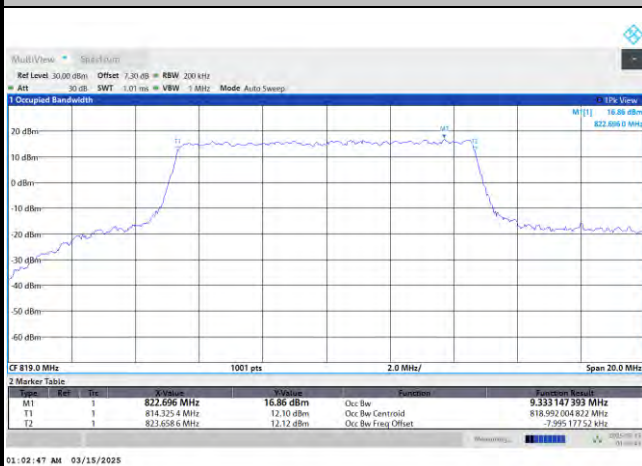
FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

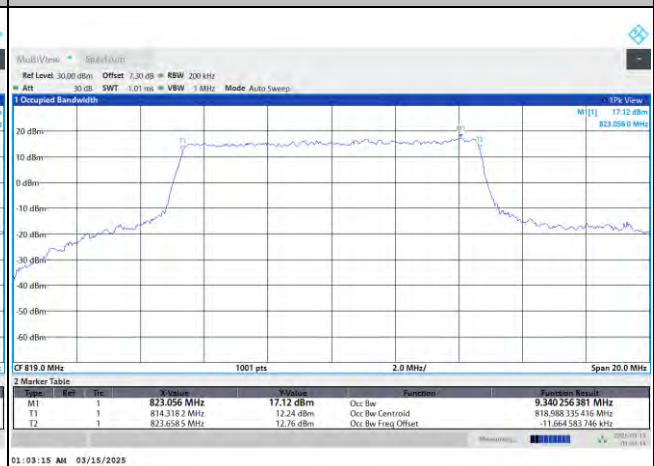


FR1 n26 / 10MHz / CP OFDM / Middle Channel / Full RB

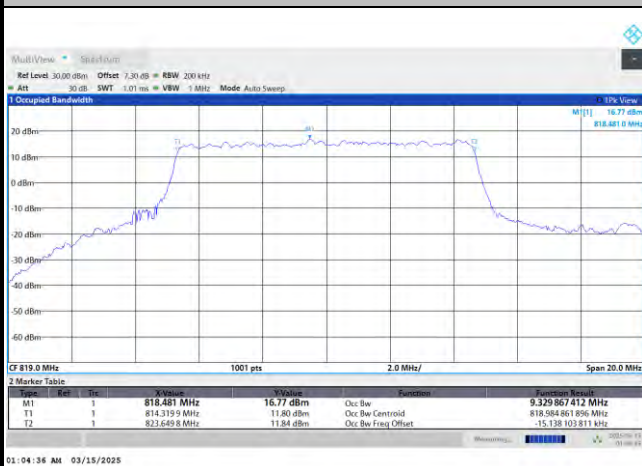
QPSK



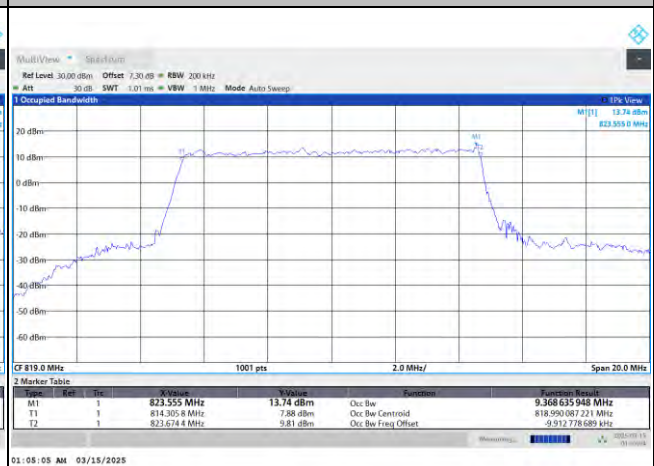
16QAM



64QAM



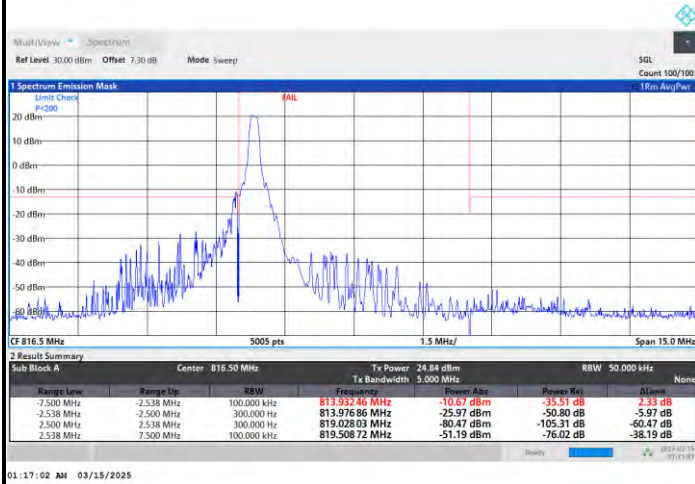
256QAM



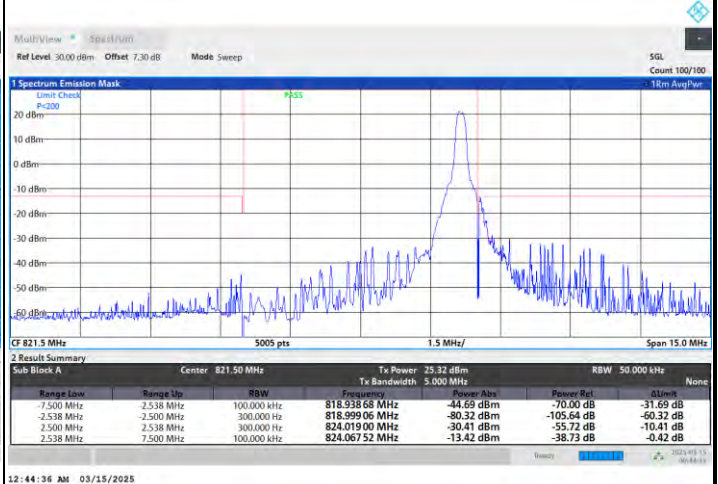
**Emission masks – In-band emissions**

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

Lowest MASK / 1RB0

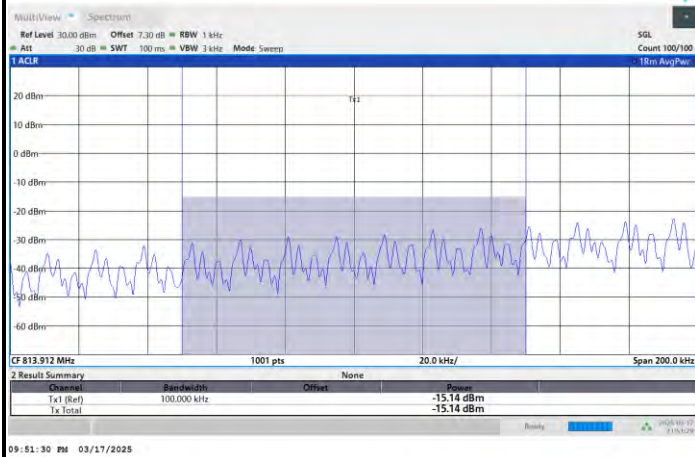


Highest MASK / 1RBmax



Channel power -13dBm > -15.14dBm (PASS)

N/A



N/A



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

Lowest MASK / Full RB



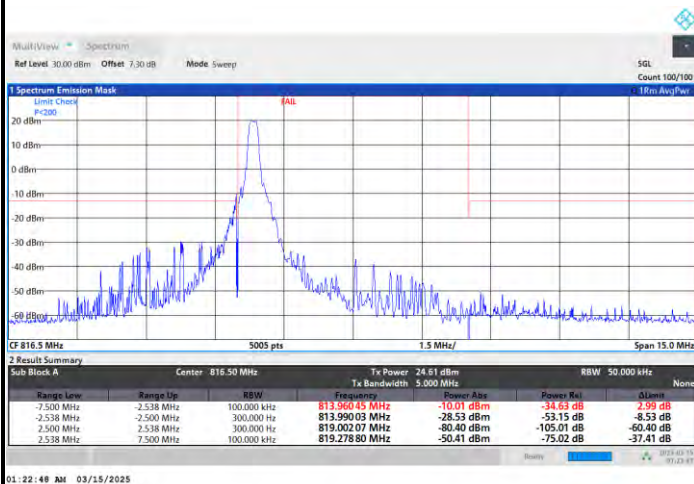
Highest MASK / Full RB





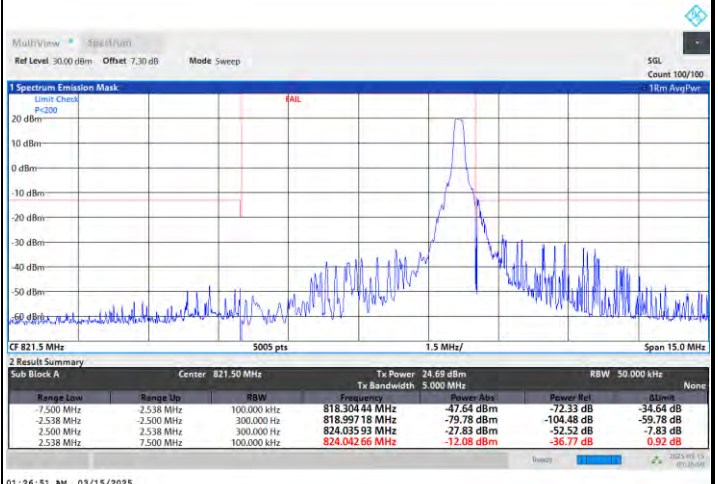
FR1 n26 / 5MHz / DFT-S OFDM / QPSK

Lowest MASK / 1RB0



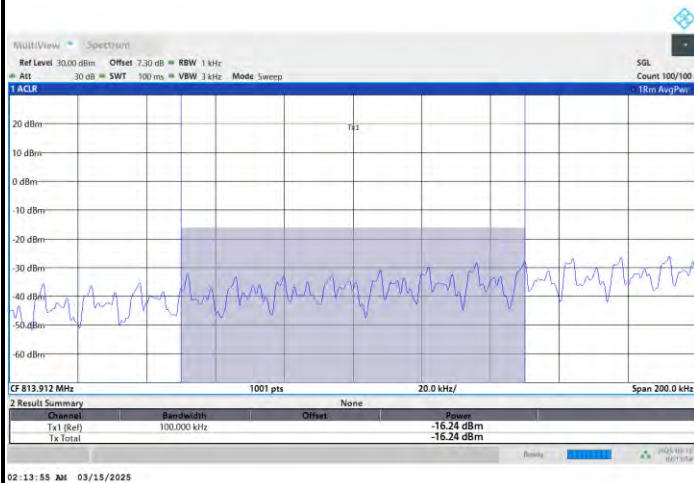
01:22:48 AM 03/15/2025

Highest MASK / 1RBmax



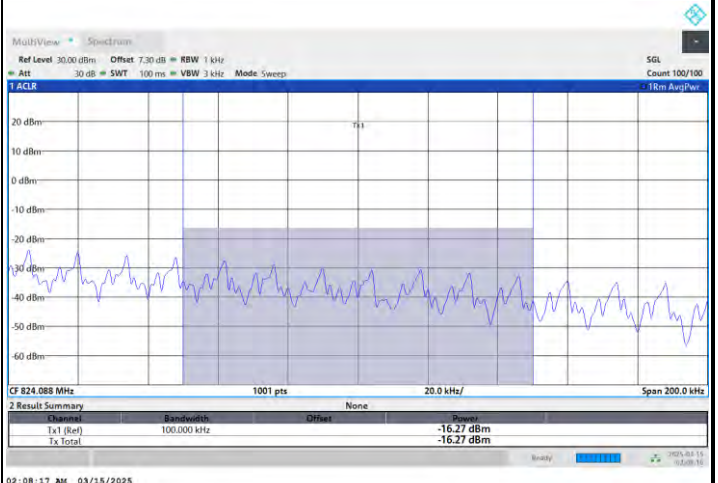
01:26:51 AM 03/15/2025

Channel power -13dBm > -16.24dBm (PASS)



02:13:55 AM 03/15/2025

Channel power -13dBm > -16.27dBm (PASS)

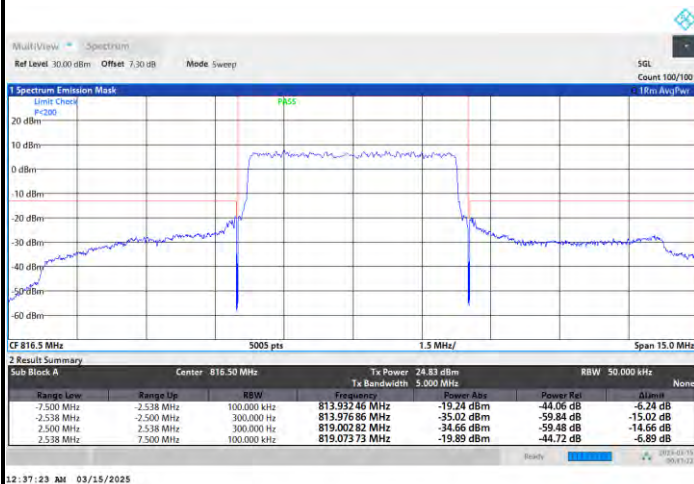


02:08:17 AM 03/15/2025



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

Lowest MASK / Full RB



12:37:23 AM 03/15/2025

Highest MASK / Full RB

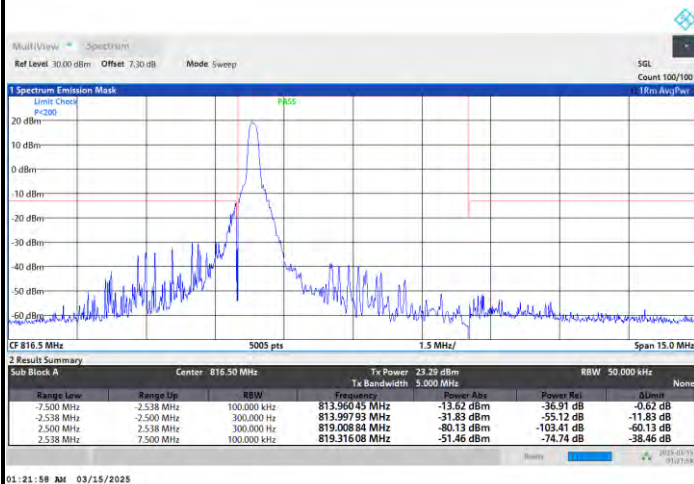


12:46:00 AM 03/15/2025



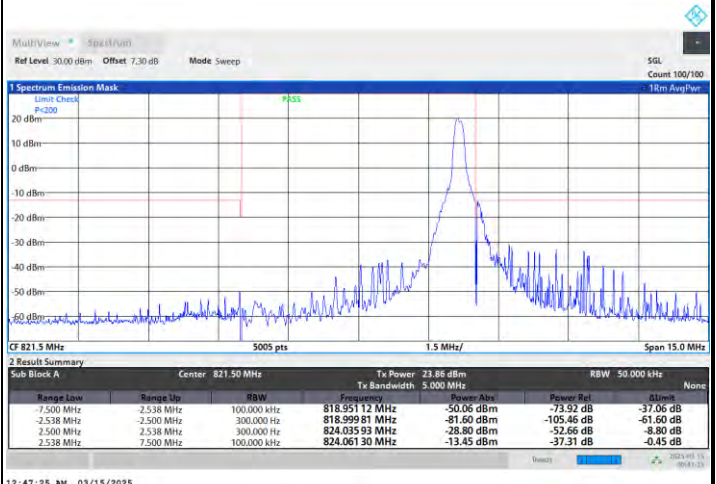
FR1 n26 / 5MHz / DFT-S OFDM / 16QAM

Lowest MASK / 1RB0



01:21:58 AM 03/15/2025

Highest MASK / 1RBmax



12:47:25 AM 03/15/2025

Lowest MASK / Full RB



12:38:05 AM 03/15/2025

Highest MASK / Full RB

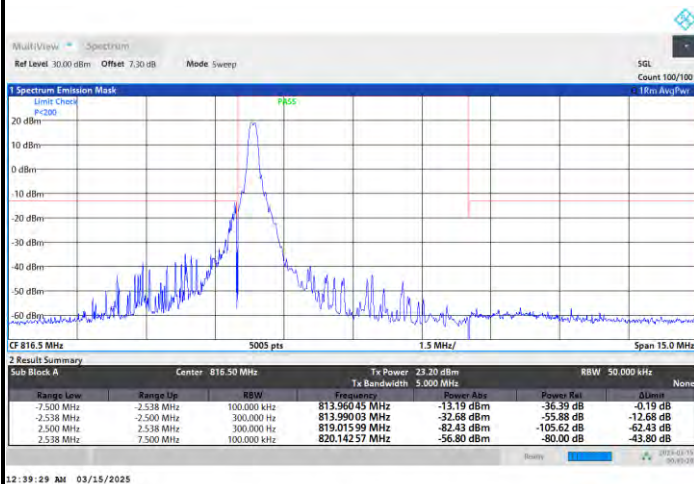


12:46:42 AM 03/15/2025

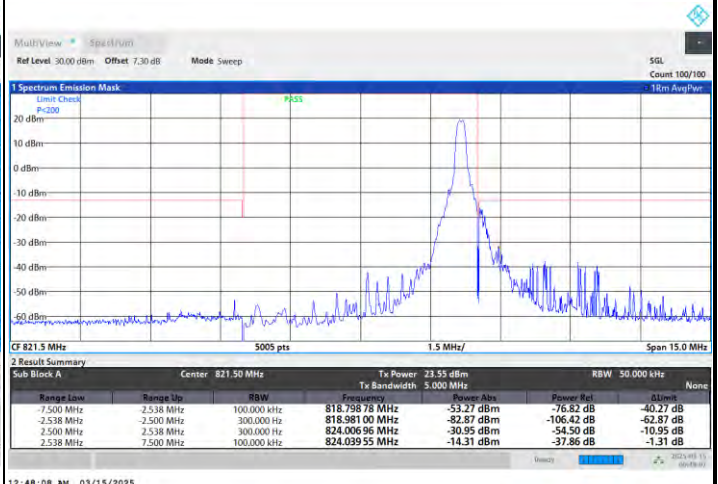


FR1 n26 / 5MHz / DFT-S OFDM / 64QAM

Lowest MASK / 1RB0



Highest MASK / 1RBmax



Lowest MASK / Full RB



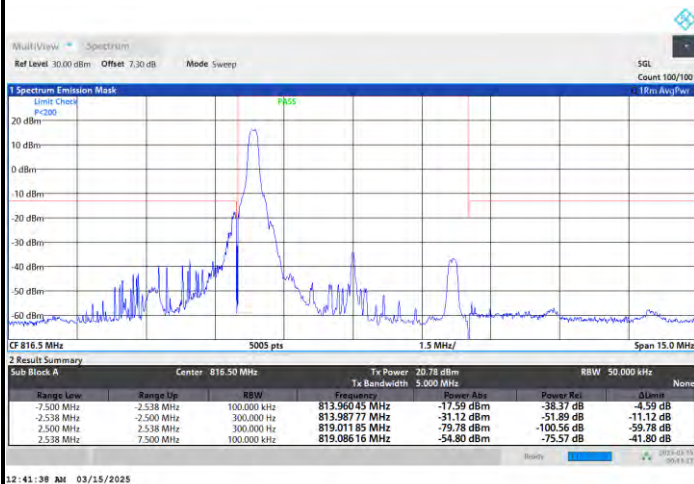
Highest MASK / Full RB



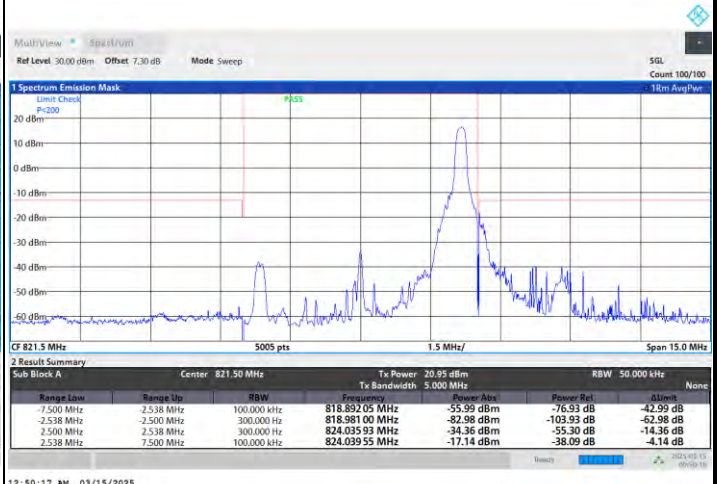


FR1 n26 / 5MHz / DFT-S OFDM / 256QAM

Lowest MASK / 1RB0



Highest MASK / 1RBmax



Lowest MASK / Full RB



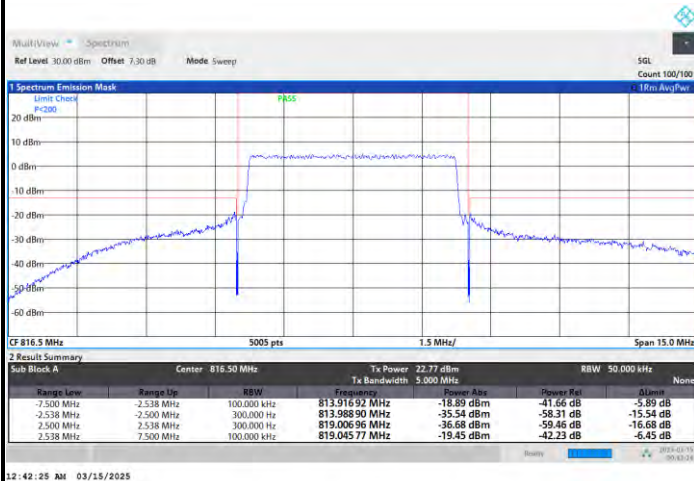
Highest MASK / Full RB





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

Lowest MASK



Highest MASK

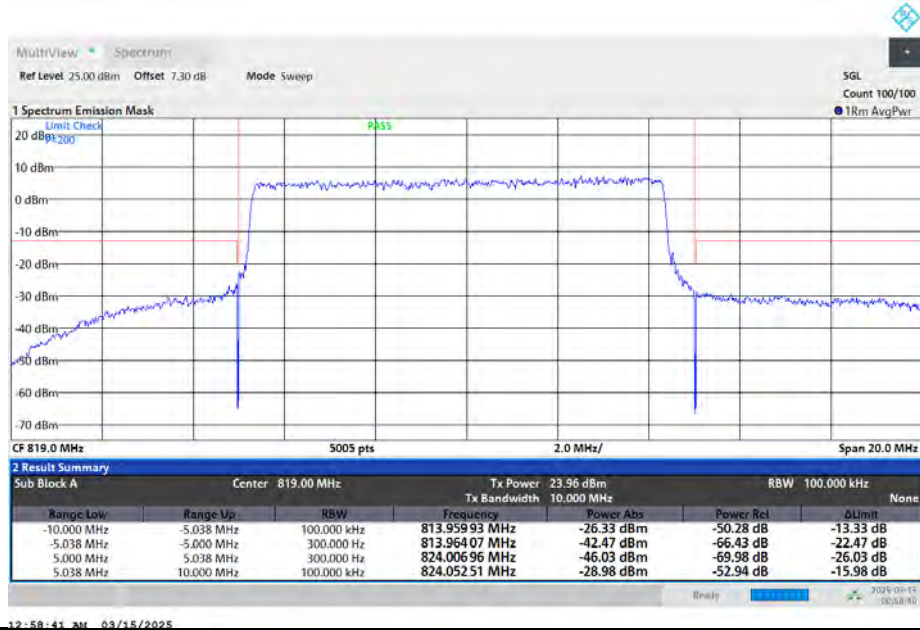


**FR1 n26 / 10MHz / DFT-s-OFDM / PI/2 BPSK****Middle MASK / Full RB****FR1 n26 / 10MHz / DFT-s-OFDM / QPSK****Lowest MASK / Full RB**



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

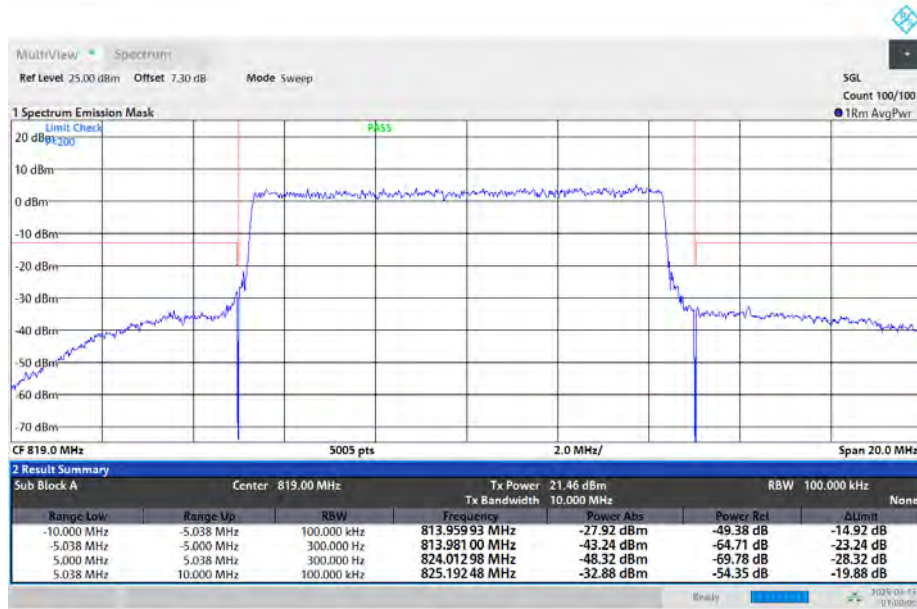
Middle MASK / Full RB



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

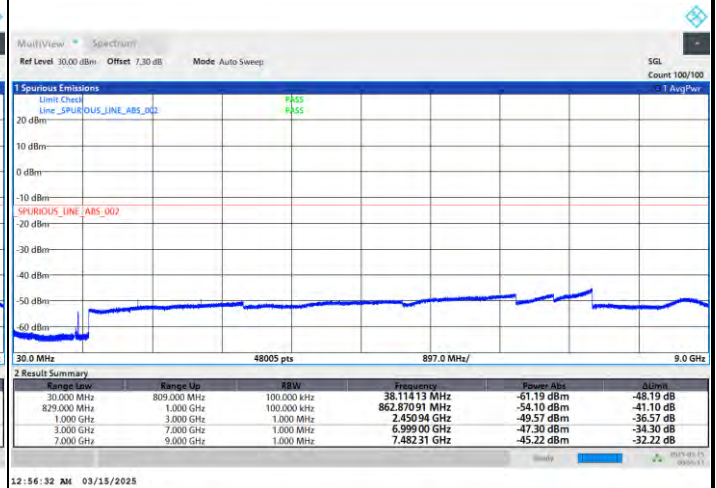
Middle MASK / Full RB



**FR1 n26 / 10MHz / DFT-s-OFDM / 256QAM****Middle MASK / Full RB****FR1 n26 / 10MHz / CP OFDM / QPSK / Full RB****Middle MASK**

**Emission masks – Out of band emissions**

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

Lowest Channel**Middle Channel****Highest Channel**

Frequency Stability

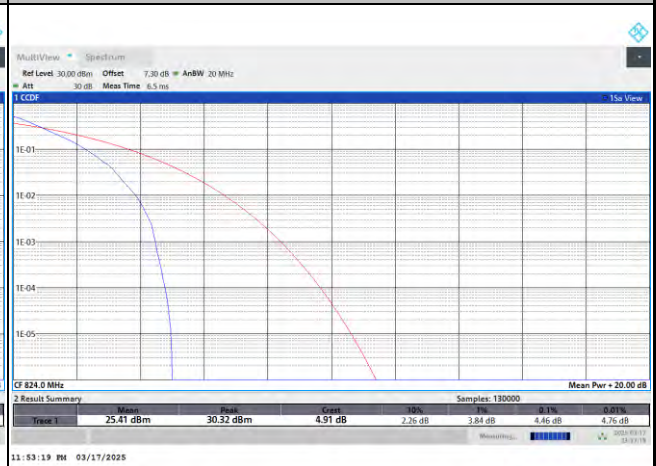
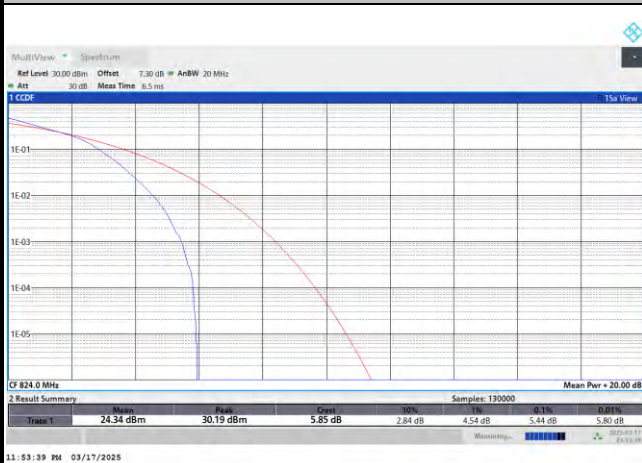
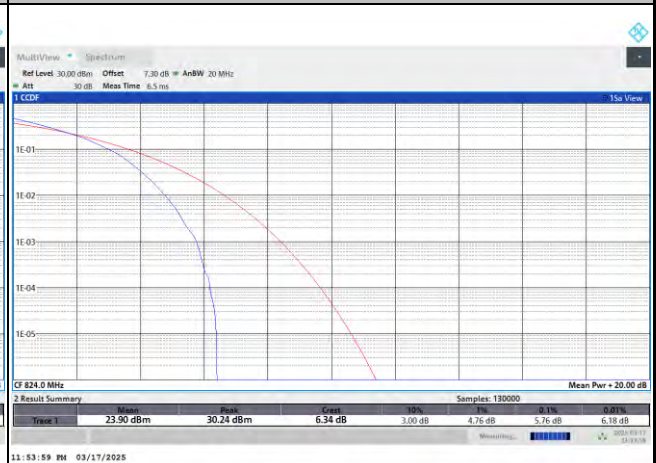
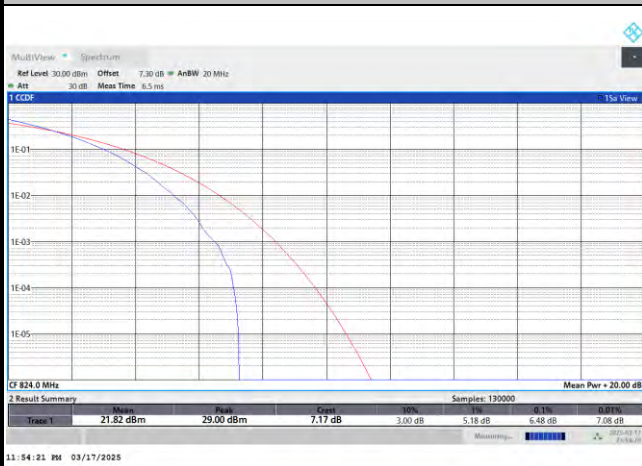
Test Conditions		FR1 n26 (BPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0048	PASS
40	Normal Voltage	0.0084	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0140	
0	Normal Voltage	0.0107	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0133	
-30	Normal Voltage	0.0083	
20	Maximum Voltage	0.0063	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0095	

Note:

1. Normal Voltage = 3.85 V. ; Minimum Voltage = 3.30 V. ; Maximum Voltage = 4.40 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

**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	3.64	4.46	5.44	5.76	PASS
Mode	FR1 n26 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.48				PASS

**FR1 n26 / 20MHz / 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		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	5.08		9.87		14.53		19.39	

Mode	FR1 n26 : 26dB BW(MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	5.36	5.27	10.31	10.31	15.33	15.28	20.44	20.57
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	5.20	5.14	10.38	10.26	15.25	15.25	21.53	20.44



MultiView agilent.com

Ref Level 30.00 dBm Offset 7.30 dB RBW 100 kHz

Att 30 dB SWT 10.1 ms VBW 300 kHz Mode Auto Sweep

1 Frequency Sweep

1.0 Data View

M1[1] 5.30 dBm

M2[1] 5.30 dBm

M3[1] 5.30 dBm

M4[1] 5.30 dBm

M5[1] 5.30 dBm

M6[1] 5.30 dBm

M7[1] 5.30 dBm

M8[1] 5.30 dBm

M9[1] 5.30 dBm

M10[1] 5.30 dBm

M11[1] 5.30 dBm

M12[1] 5.30 dBm

M13[1] 5.30 dBm

M14[1] 5.30 dBm

M15[1] 5.30 dBm

M16[1] 5.30 dBm

M17[1] 5.30 dBm

M18[1] 5.30 dBm

M19[1] 5.30 dBm

M20[1] 5.30 dBm

M21[1] 5.30 dBm

M22[1] 5.30 dBm

M23[1] 5.30 dBm

M24[1] 5.30 dBm

M25[1] 5.30 dBm

M26[1] 5.30 dBm

M27[1] 5.30 dBm

M28[1] 5.30 dBm

M29[1] 5.30 dBm

M30[1] 5.30 dBm

M31[1] 5.30 dBm

M32[1] 5.30 dBm

M33[1] 5.30 dBm

M34[1] 5.30 dBm

M35[1] 5.30 dBm

M36[1] 5.30 dBm

M37[1] 5.30 dBm

M38[1] 5.30 dBm

M39[1] 5.30 dBm

M40[1] 5.30 dBm

M41[1] 5.30 dBm

M42[1] 5.30 dBm

M43[1] 5.30 dBm

M44[1] 5.30 dBm

M45[1] 5.30 dBm

M46[1] 5.30 dBm

M47[1] 5.30 dBm

M48[1] 5.30 dBm

M49[1] 5.30 dBm

M50[1] 5.30 dBm

M51[1] 5.30 dBm

M52[1] 5.30 dBm

M53[1] 5.30 dBm

M54[1] 5.30 dBm

M55[1] 5.30 dBm

M56[1] 5.30 dBm

M57[1] 5.30 dBm

M58[1] 5.30 dBm

M59[1] 5.30 dBm

M60[1] 5.30 dBm

M61[1] 5.30 dBm

M62[1] 5.30 dBm

M63[1] 5.30 dBm

M64[1] 5.30 dBm

M65[1] 5.30 dBm

M66[1] 5.30 dBm

M67[1] 5.30 dBm

M68[1] 5.30 dBm

M69[1] 5.30 dBm

M70[1] 5.30 dBm

M71[1] 5.30 dBm

M72[1] 5.30 dBm

M73[1] 5.30 dBm

M74[1] 5.30 dBm

M75[1] 5.30 dBm

M76[1] 5.30 dBm

M77[1] 5.30 dBm

M78[1] 5.30 dBm

M79[1] 5.30 dBm

M80[1] 5.30 dBm

M81[1] 5.30 dBm

M82[1] 5.30 dBm

M83[1] 5.30 dBm

M84[1] 5.30 dBm

M85[1] 5.30 dBm

M86[1] 5.30 dBm

M87[1] 5.30 dBm

M88[1] 5.30 dBm

M89[1] 5.30 dBm

M90[1] 5.30 dBm

M91[1] 5.30 dBm

M92[1] 5.30 dBm

M93[1] 5.30 dBm

M94[1] 5.30 dBm

M95[1] 5.30 dBm

M96[1] 5.30 dBm

M97[1] 5.30 dBm

M98[1] 5.30 dBm

M99[1] 5.30 dBm

M100[1] 5.30 dBm

M101[1] 5.30 dBm

M102[1] 5.30 dBm

M103[1] 5.30 dBm

M104[1] 5.30 dBm

M105[1] 5.30 dBm

M106[1] 5.30 dBm

M107[1] 5.30 dBm

M108[1] 5.30 dBm

M109[1] 5.30 dBm

M110[1] 5.30 dBm

M111[1] 5.30 dBm

M112[1] 5.30 dBm

M113[1] 5.30 dBm

M114[1] 5.30 dBm

M115[1] 5.30 dBm

M116[1] 5.30 dBm

M117[1] 5.30 dBm

M118[1] 5.30 dBm

M119[1] 5.30 dBm

M120[1] 5.30 dBm

M121[1] 5.30 dBm

M122[1] 5.30 dBm

M123[1] 5.30 dBm

M124[1] 5.30 dBm

M125[1] 5.30 dBm

M126[1] 5.30 dBm

M127[1] 5.30 dBm

M128[1] 5.30 dBm

M129[1] 5.30 dBm

M130[1] 5.30 dBm

M131[1] 5.30 dBm

M132[1] 5.30 dBm

M133[1] 5.30 dBm

M134[1] 5.30 dBm

M135[1] 5.30 dBm

M136[1] 5.30 dBm

M137[1] 5.30 dBm

M138[1] 5.30 dBm

M139[1] 5.30 dBm

M140[1] 5.30 dBm

M141[1] 5.30 dBm

M142[1] 5.30 dBm

M143[1] 5.30 dBm

M144[1] 5.30 dBm

M145[1] 5.30 dBm

M146[1] 5.30 dBm

M147[1] 5.30 dBm

M148[1] 5.30 dBm

M149[1] 5.30 dBm

M150[1] 5.30 dBm

M151[1] 5.30 dBm

M152[1] 5.30 dBm

M153[1] 5.30 dBm

M154[1] 5.30 dBm

M155[1] 5.30 dBm

M156[1] 5.30 dBm

M157[1] 5.30 dBm

M158[1] 5.30 dBm

M159[1] 5.30 dBm

M160[1] 5.30 dBm

M161[1] 5.30 dBm

M162[1] 5.30 dBm

M163[1] 5.30 dBm

M164[1] 5.30 dBm

M165[1] 5.30 dBm

M166[1] 5.30 dBm

M167[1] 5.30 dBm

M168[1] 5.30 dBm

M169[1] 5.30 dBm

M170[1] 5.30 dBm

M171[1] 5.30 dBm

M172[1] 5.30 dBm

M173[1] 5.30 dBm

M174[1] 5.30 dBm

M175[1] 5.30 dBm

M176[1] 5.30 dBm

M177[1] 5.30 dBm

M178[1] 5.30 dBm

M179[1] 5.30 dBm

M180[1] 5.30 dBm

M181[1] 5.30 dBm

M182[1] 5.30 dBm

M183[1] 5.30 dBm

M184[1] 5.30 dBm

M185[1] 5.30 dBm

M186[1] 5.30 dBm

M187[1] 5.30 dBm

M188[1] 5.30 dBm

M189[1] 5.30 dBm

M190[1] 5.30 dBm

M191[1] 5.30 dBm

M192[1] 5.30 dBm

M193[1] 5.30 dBm

M194[1] 5.30 dBm

M195[1] 5.30 dBm

M196[1] 5.30 dBm

M197[1] 5.30 dBm

M198[1] 5.30 dBm

M199[1] 5.30 dBm

M200[1] 5.30 dBm

M201[1] 5.30 dBm

M202[1] 5.30 dBm

M203[1] 5.30 dBm

M204[1] 5.30 dBm

M205[1] 5.30 dBm

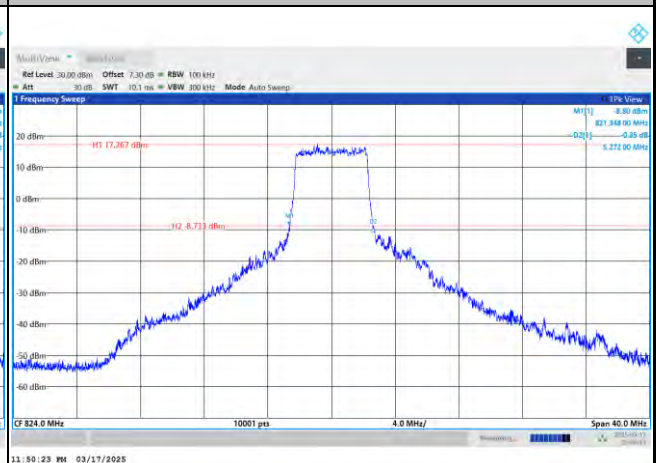
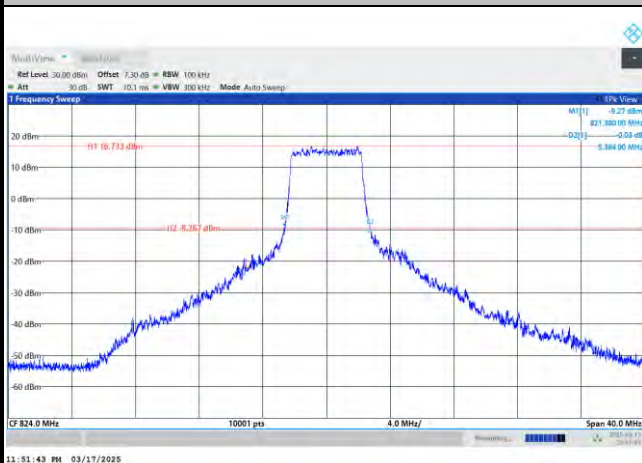
M206[1] 5.30 dBm

M207[1] 5.30 dBm

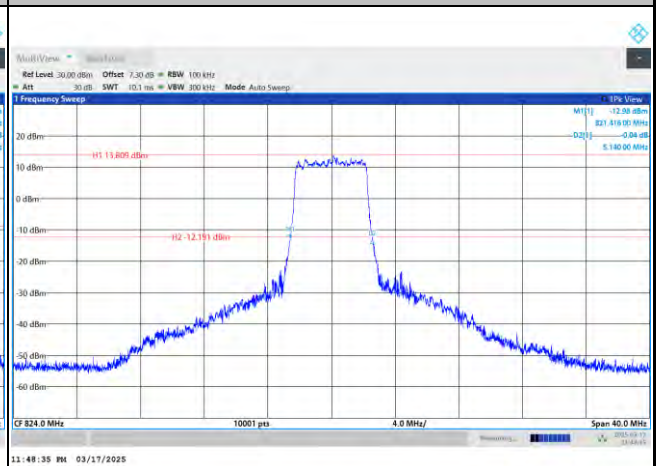
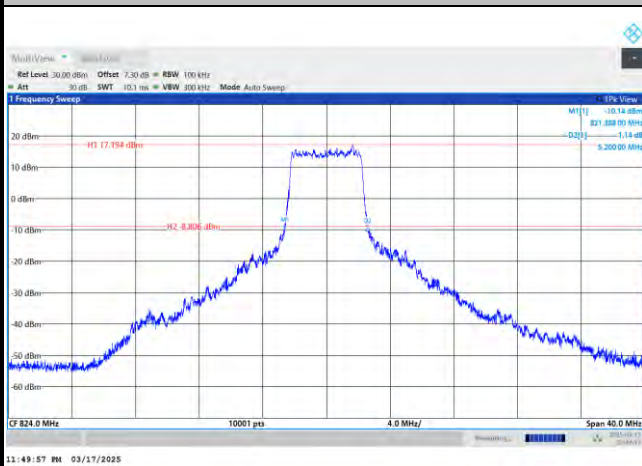
M208[1] 5.30 dBm

M209[1] 5.30 dBm

16QAM



256QAM





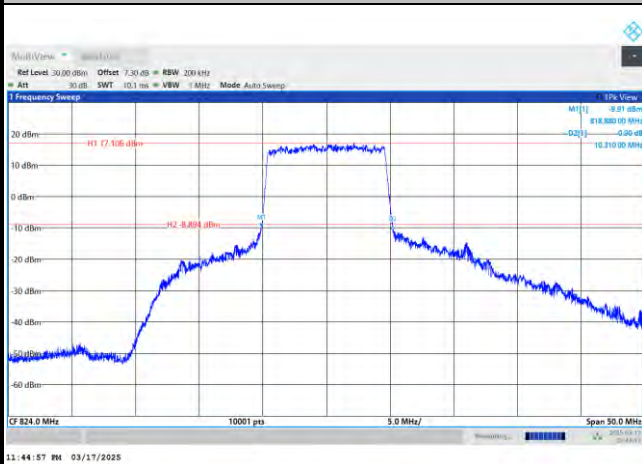
FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

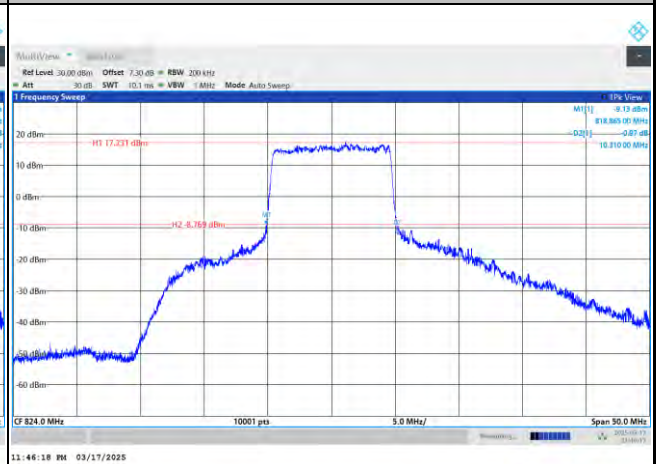


FR1 n26 / 10MHz / CP OFDM / Middle Channel / Full RB

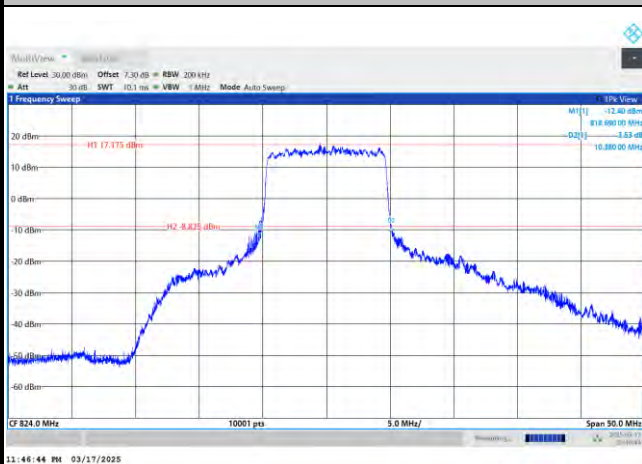
QPSK



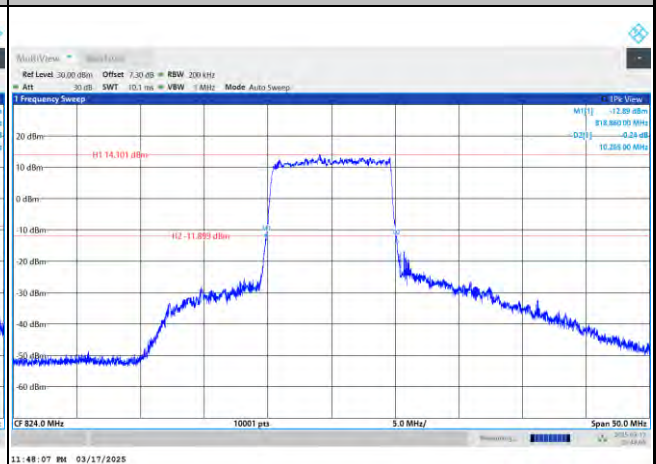
16QAM

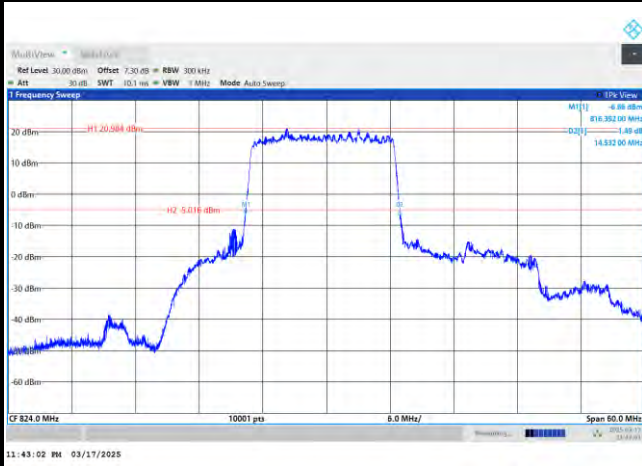
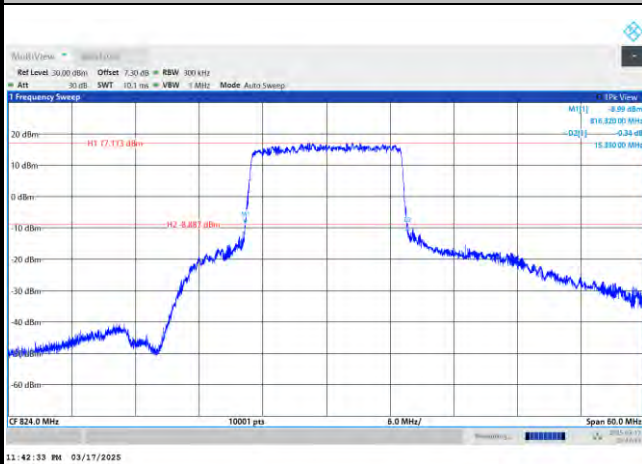
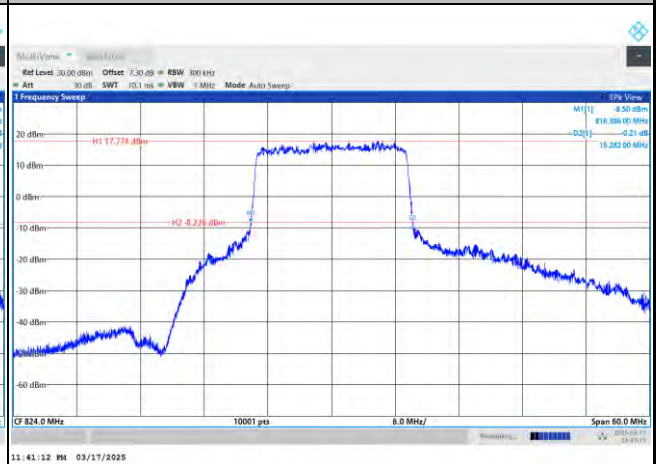
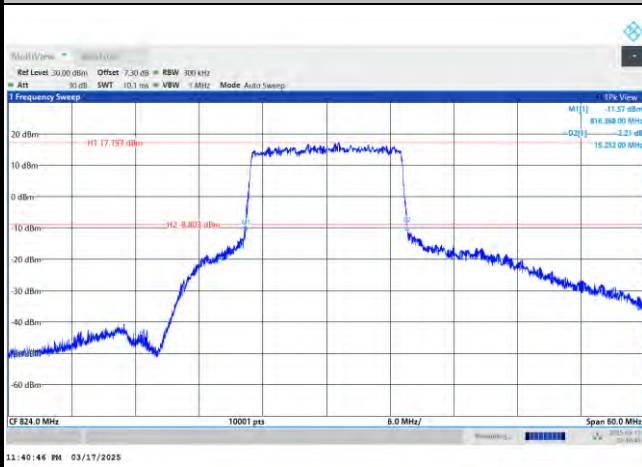
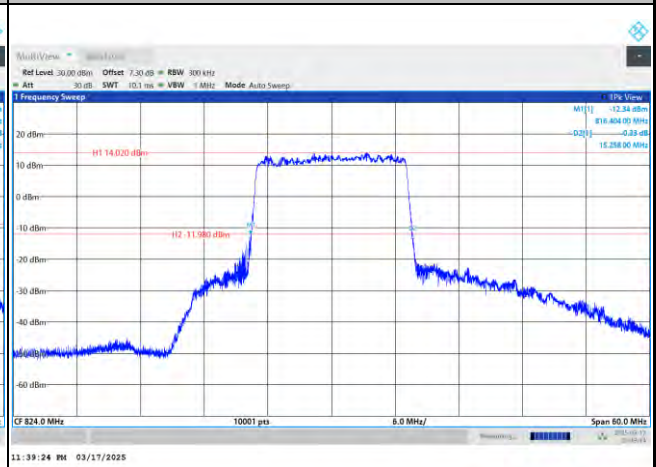


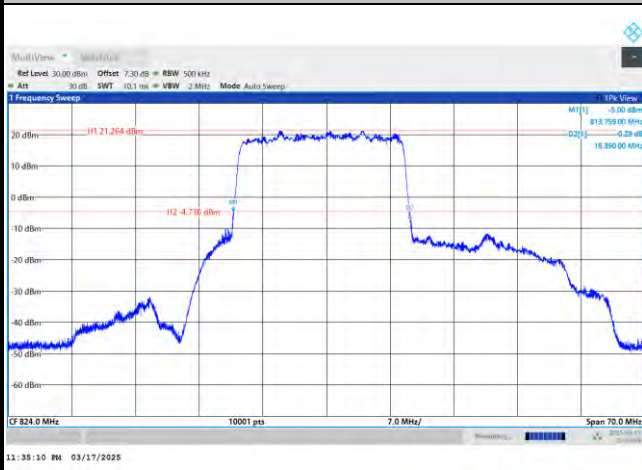
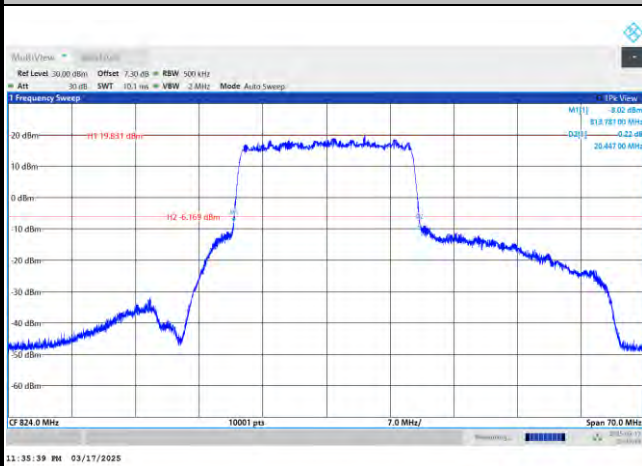
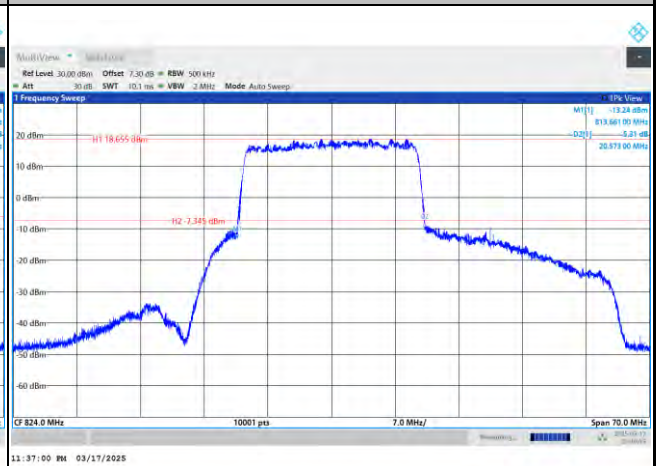
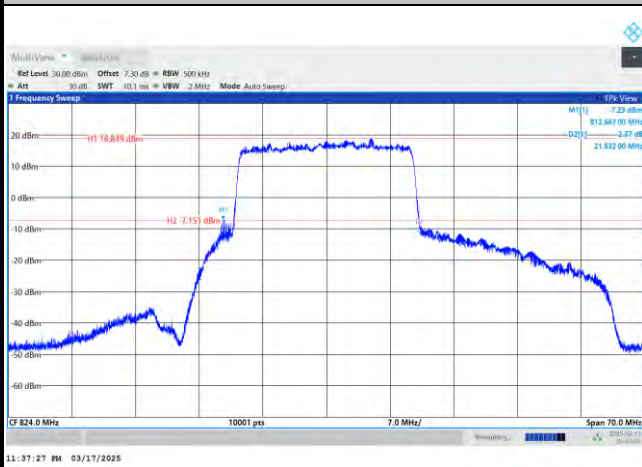
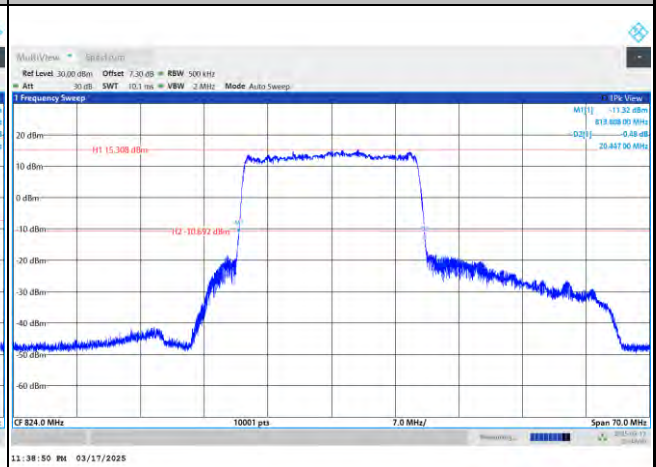
64QAM



256QAM



FR1 n26 / 15MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

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

16QAM

64QAM

256QAM


FR1 n26 / 20MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

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

16QAM

64QAM

256QAM


**Occupied Bandwidth**

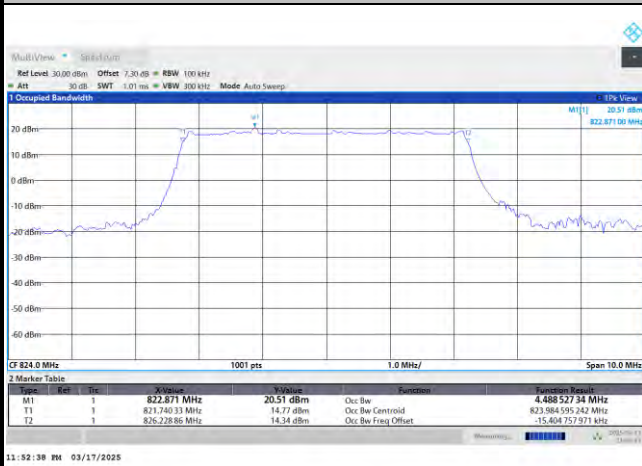
Mode	FR1 n26 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	PI/2 BPSK		PI/2 BPSK		PI/2 BPSK		PI/2 BPSK	
Middle CH	4.48		8.97		13.43		17.94	

Mode	FR1 n26 : 99%OBW (MHz) / CP OFDM							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.53	4.54	9.31	9.31	14.12	14.14	18.94	19.02
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	4.51	4.50	9.30	9.33	14.16	14.09	19.00	19.08



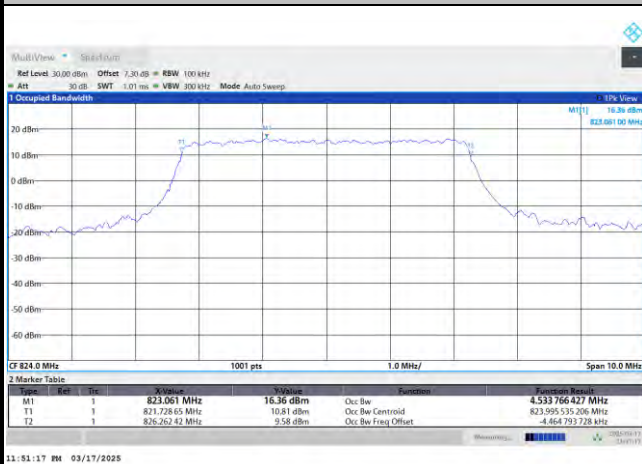
FR1 n26 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

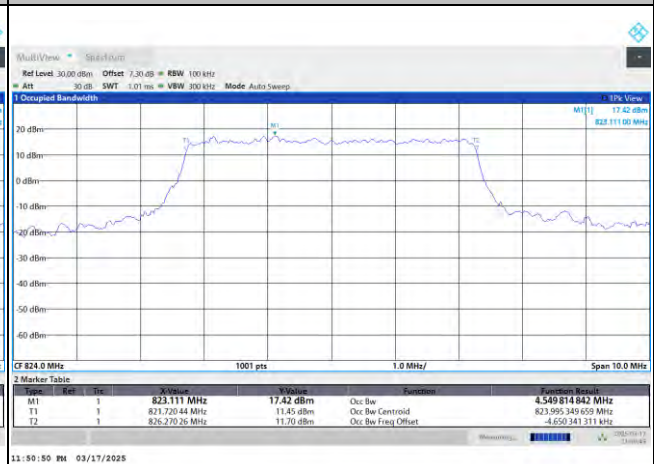


FR1 n26 / 5MHz / CP OFDM / Middle Channel / Full RB

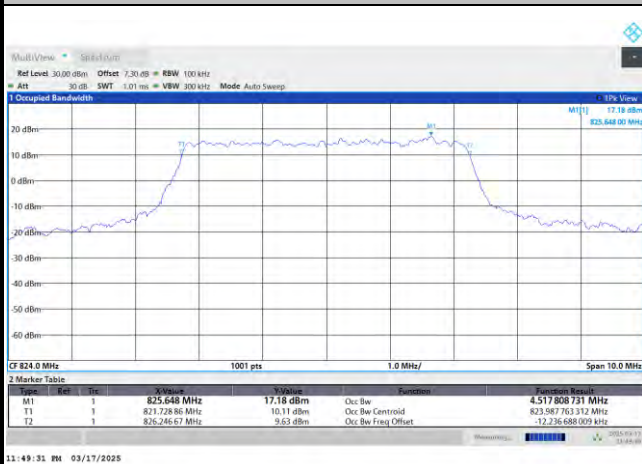
QPSK



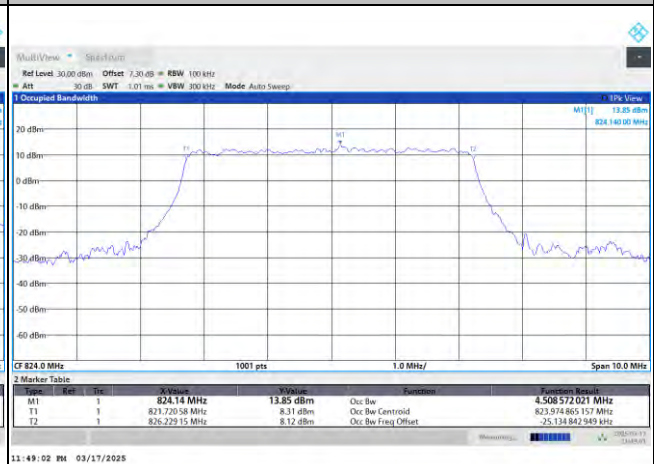
16QAM



64QAM

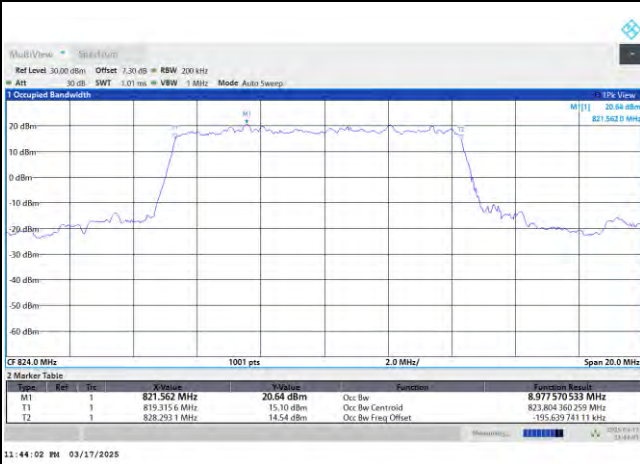


256QAM



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

PI/2 BPSK

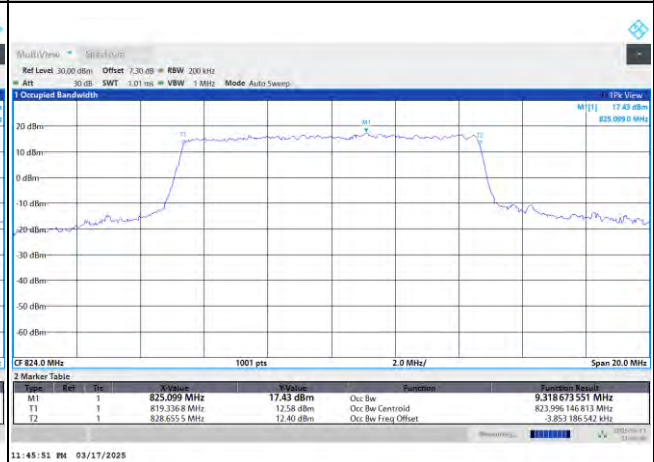


FR1 n26 / 10MHz / CP OFDM / Middle Channel / Full RB

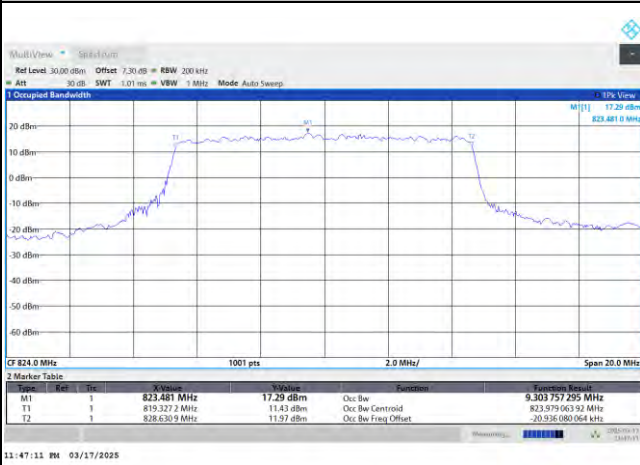
QPSK



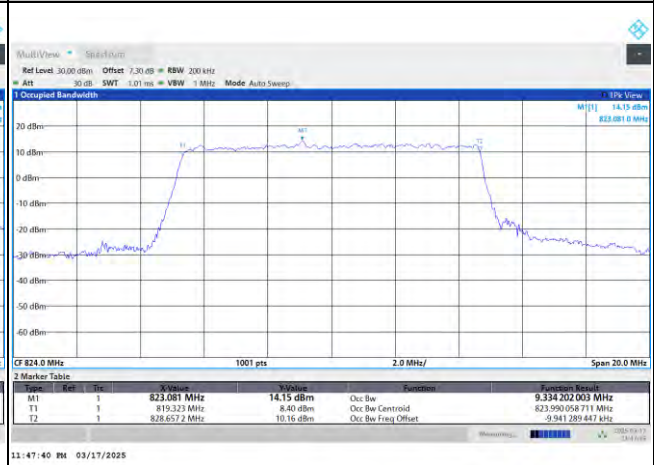
16QAM



64QAM



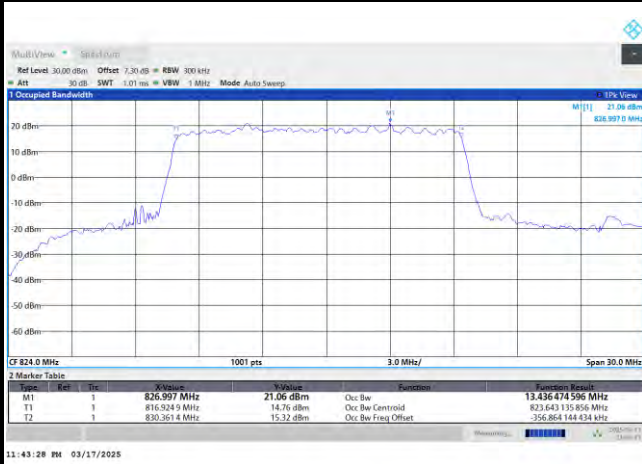
256QAM





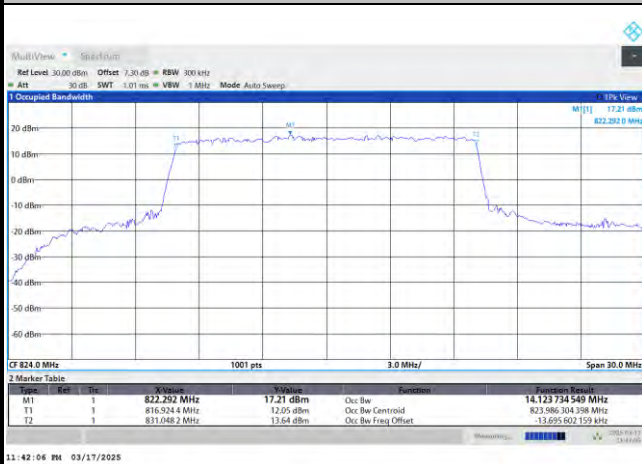
FR1 n26 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

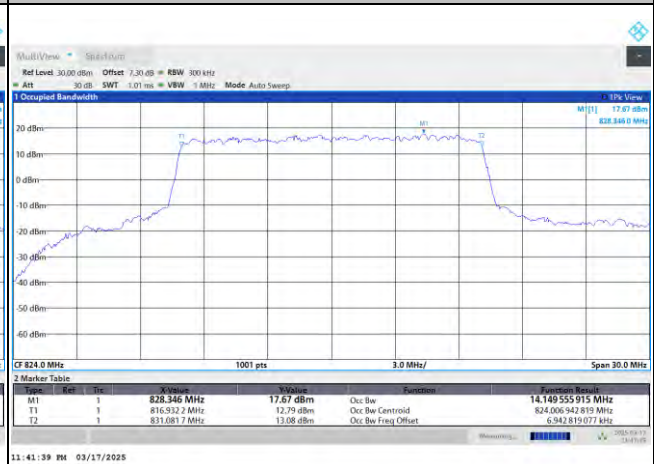


FR1 n26 / 15MHz / CP OFDM / Middle Channel / Full RB

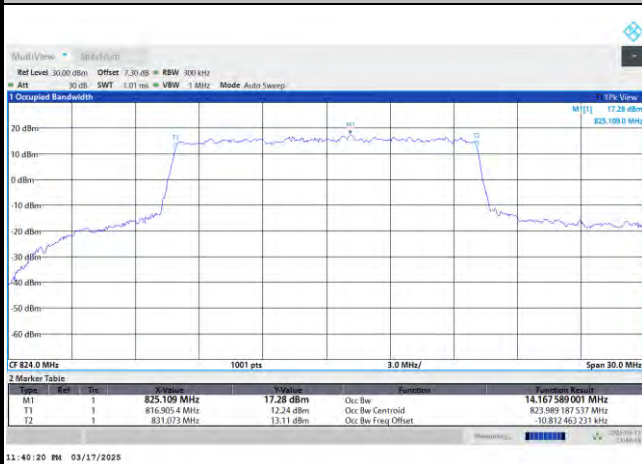
QPSK



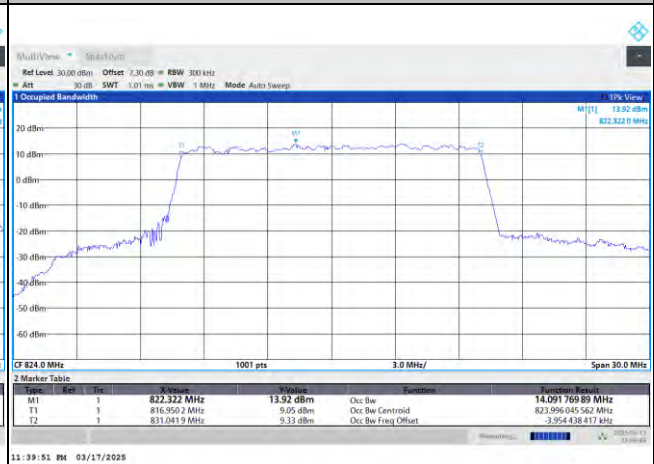
16QAM



64QAM



256QAM



FR1 n26 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



FR1 n26 / 20MHz / CP OFDM / Middle Channel / Full RB

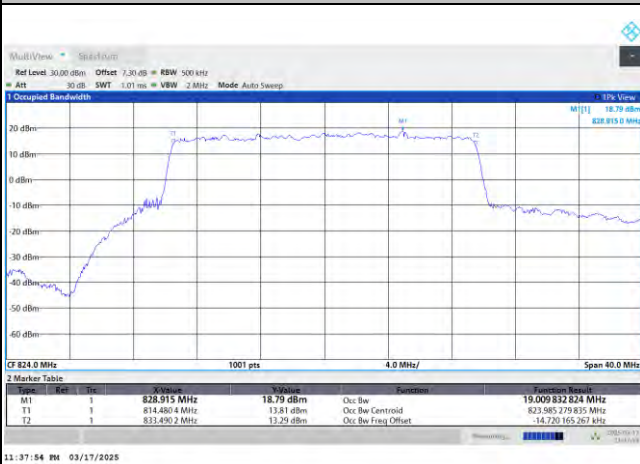
QPSK



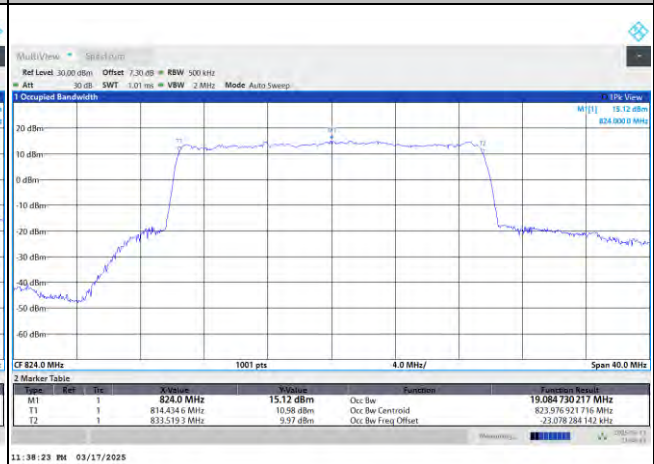
16QAM



64QAM



256QAM



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	0.0055	PASS
40	Normal Voltage	0.0050	
30	Normal Voltage	0.0078	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0093	
0	Normal Voltage	0.0000	
-10	Normal Voltage	0.0046	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0106	
20	Maximum Voltage	0.0055	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0024	

Note: Normal Voltage = 3.85 V. ; Minimum Voltage = 3.30 V. ; Maximum Voltage = 4.40 V.

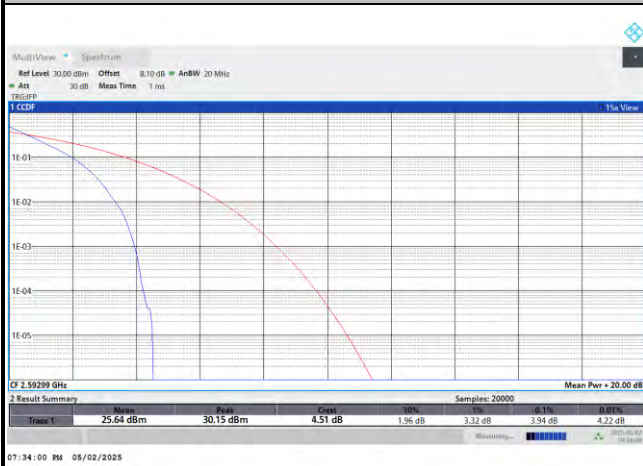
**FR1 n41****<SISO Mode>****Peak-to-Average Ratio**

Mode	FR1 n41 / 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	3.94	4.62	5.64	6.22	PASS
Mode	FR1 n41 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.62				PASS

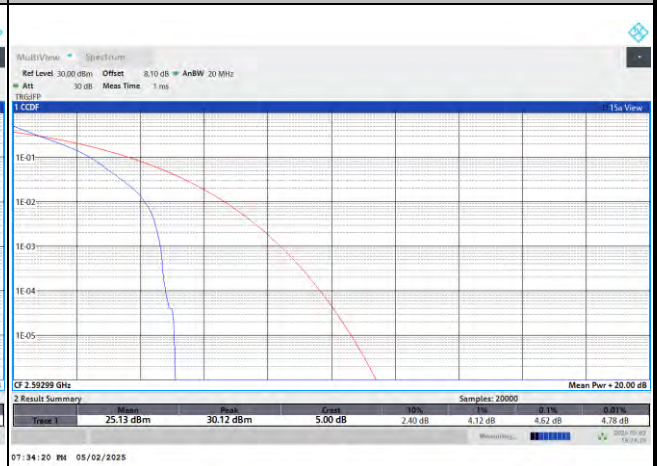


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



16QAM



64QAM



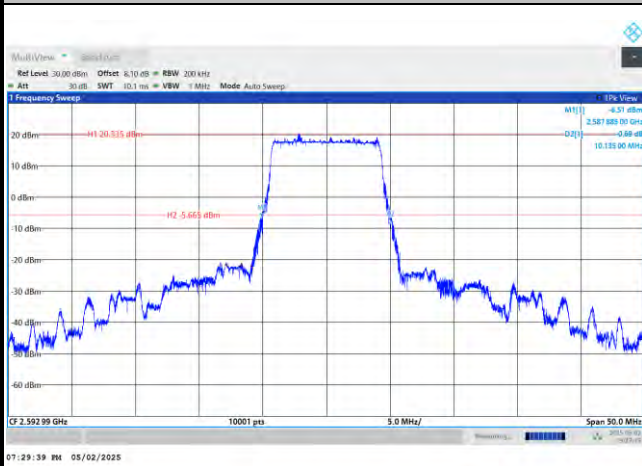
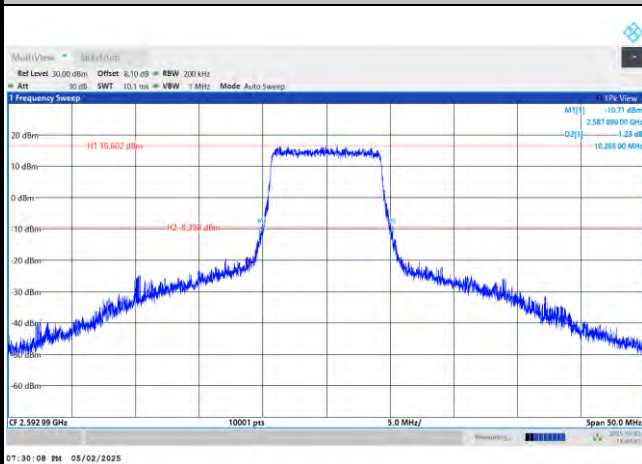
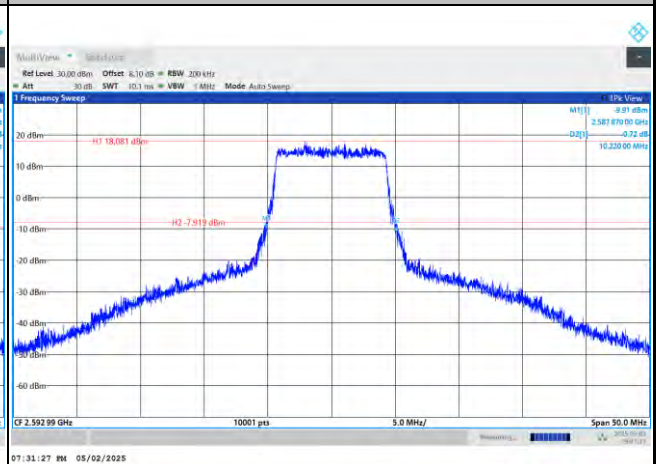
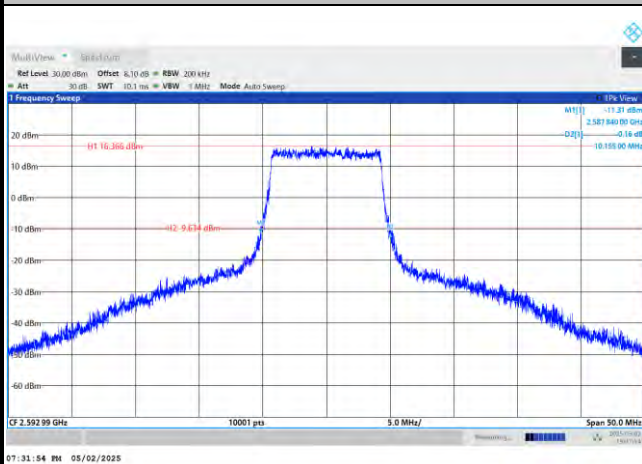
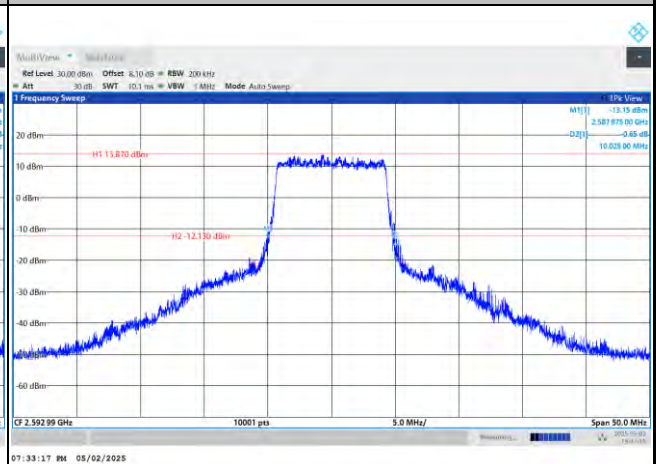
256QAM

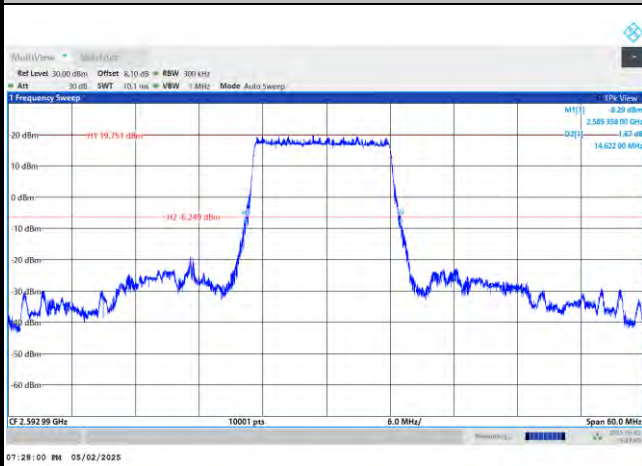
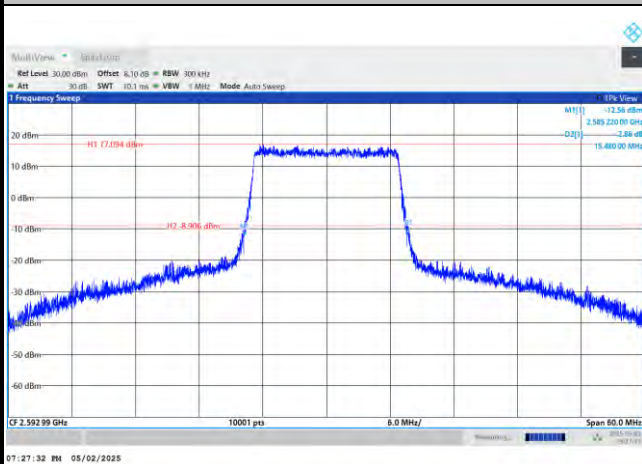
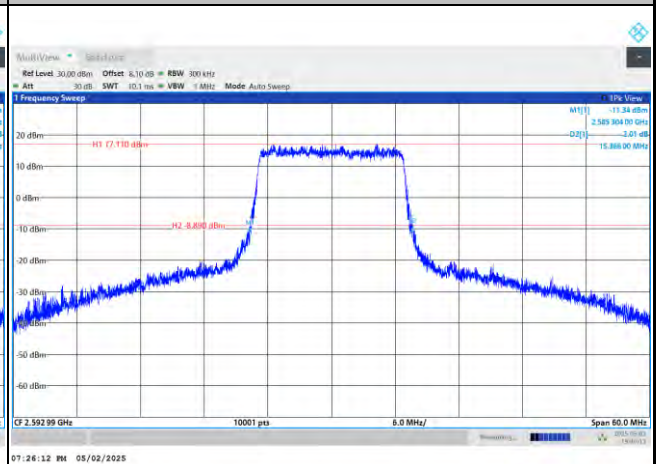
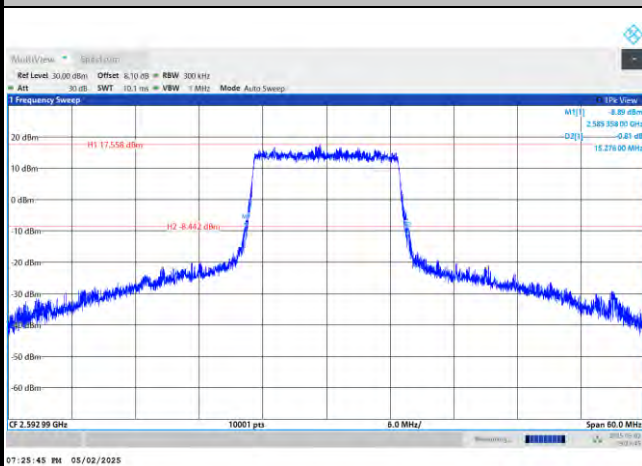
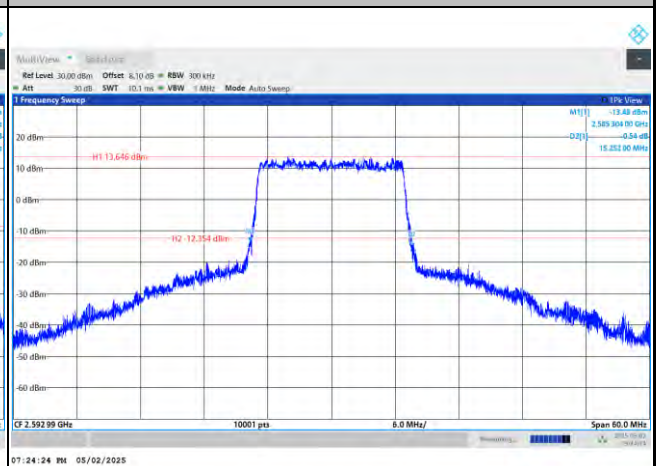


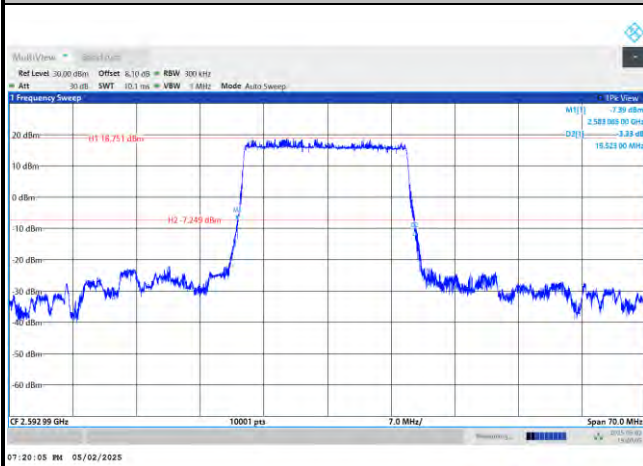
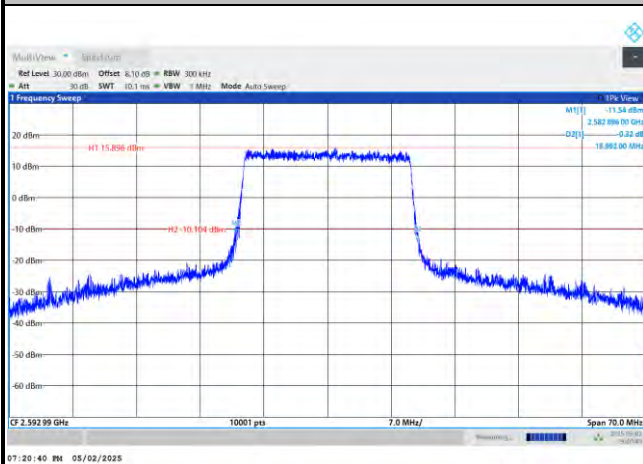
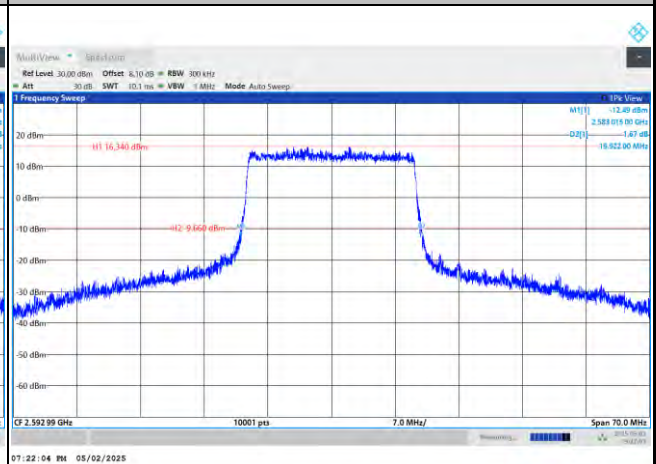
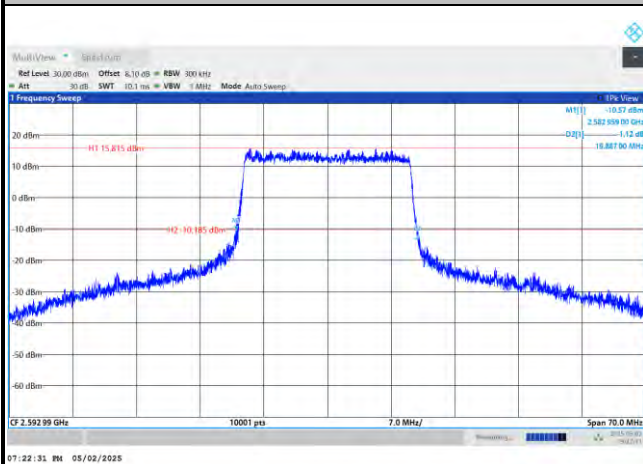
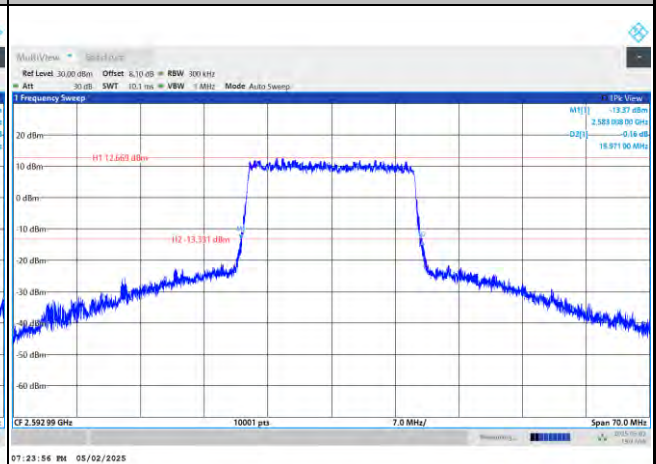
**26dB Bandwidth**

Mode	FR1 n41 : 26dB BW(MHz) / DFT-S OFDM							
BW	10MHz	15MHz	20MHz	25MHz	30MHz	35MHz	40MHz	45MHz
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK
Middle CH	10.13	14.62	19.52	24.90	29.83	35.25	38.59	41.41
BW	50MHz	60MHz	70MHz	80MHz	90MHz	100MHz		
Mod.	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK	PI/2 BPSK		
Middle CH	48.55	62.74	69.24	81.90	92.00	101.63		

Mode	FR1 n41 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.26	10.22	15.48	15.36	19.99	19.92	25.49	25.40
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	10.15	10.02	15.27	15.25	19.88	19.97	25.32	25.26
BW	30MHz		35MHz		40MHz		45MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	30.90	31.01	35.94	35.86	40.94	40.93	45.60	45.60
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	30.88	30.96	35.73	35.90	40.96	41.05	45.50	45.37
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	50.77	50.59	62.62	62.86	72.48	72.43	82.49	82.63
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	50.60	50.25	63.21	62.92	72.84	72.45	82.82	82.55
BW	90MHz		100MHz					
Mod.	QPSK	16QAM	QPSK	16QAM				
Middle CH	92.52	92.63	102.71	102.48				
Mod.	64QAM	256QAM	64QAM	256QAM				
Middle CH	92.75	92.50	103.04	102.67				

FR1 n41 / 10MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n41 / 10MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


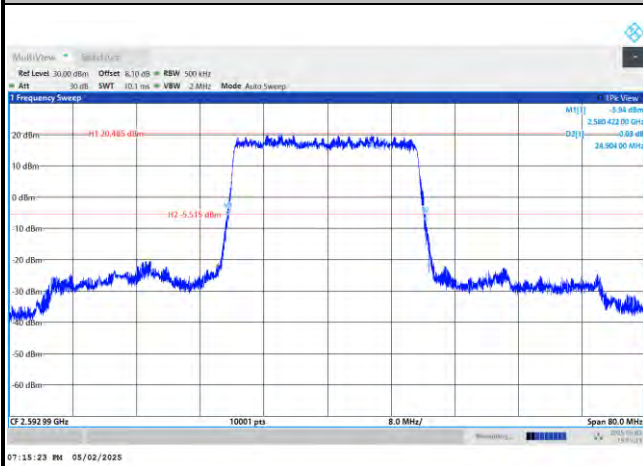
FR1 n41 / 15MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n41 / 15MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n41 / 20MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM




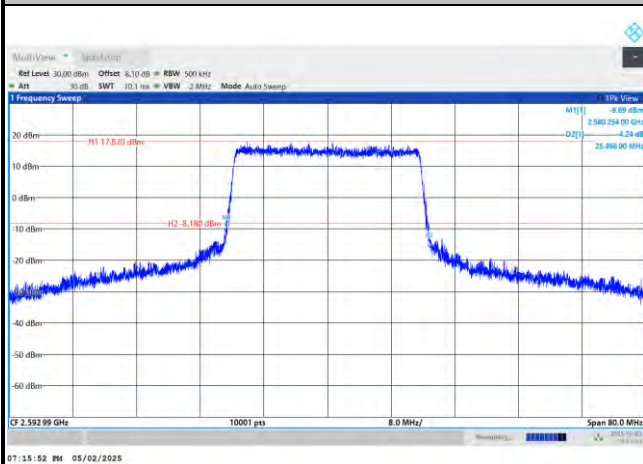
FR1 n41 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

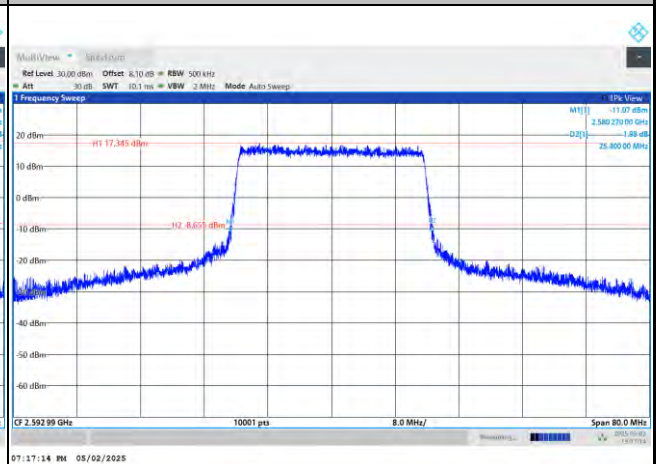


FR1 n41 / 25MHz / CP OFDM / Middle Channel / Full RB

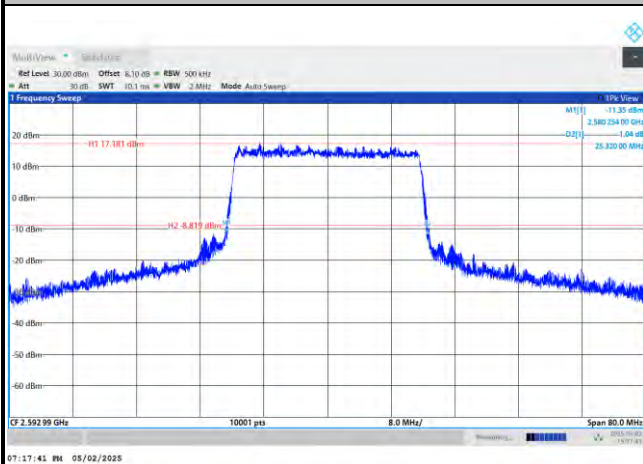
QPSK



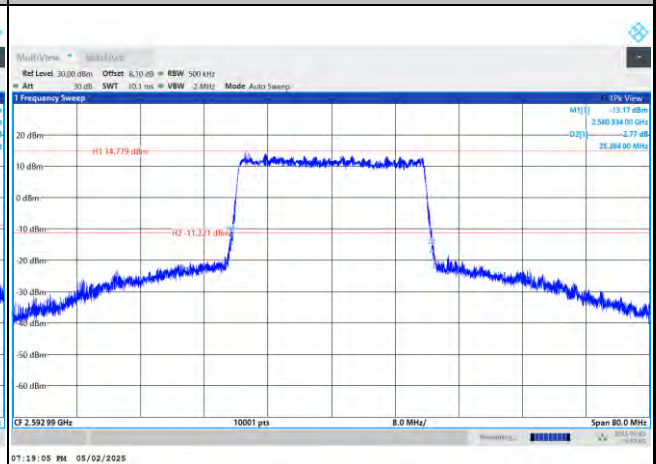
16QAM



64QAM

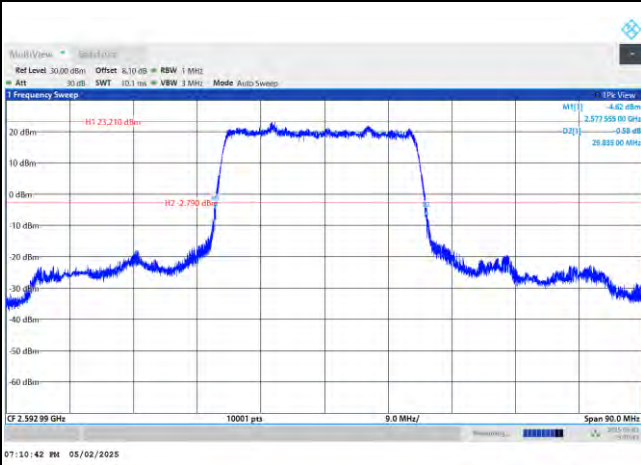


256QAM

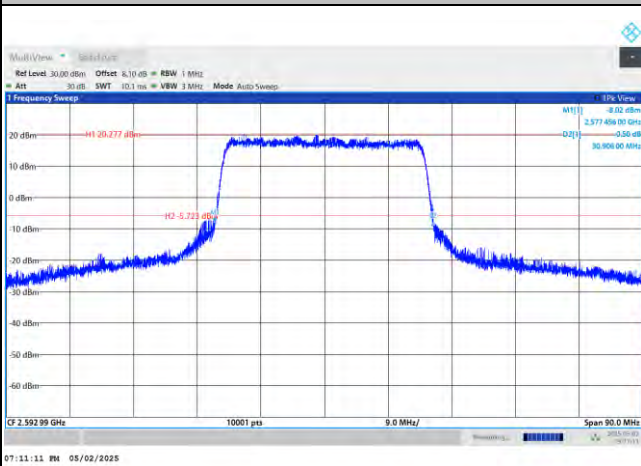




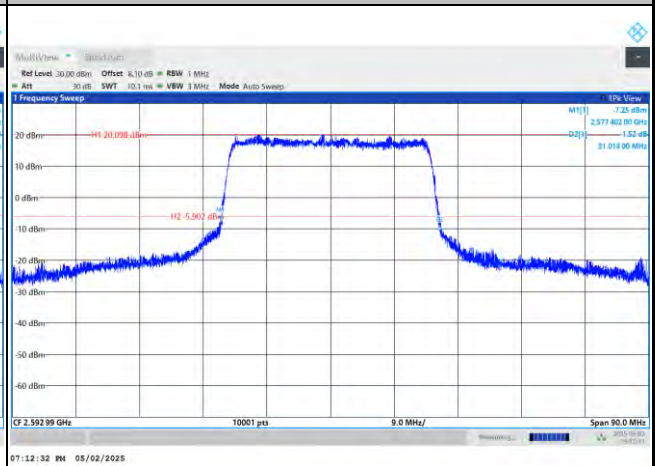
FR1 n41 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK**FR1 n41 / 30MHz / CP OFDM / Middle Channel / Full RB**

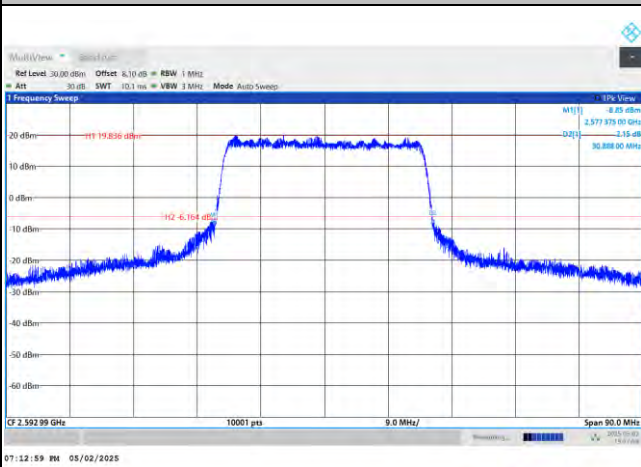
QPSK



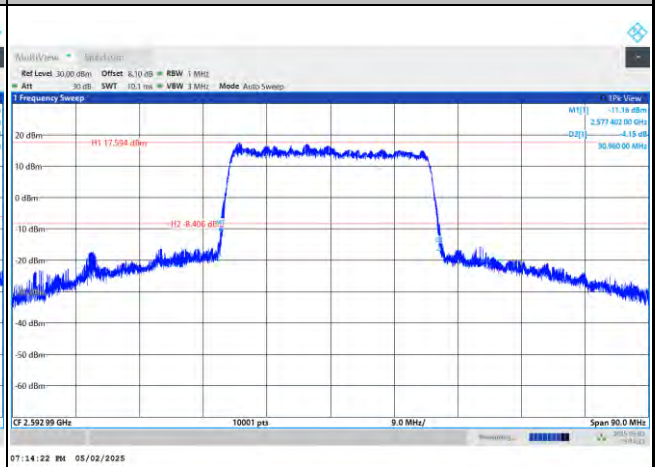
16QAM

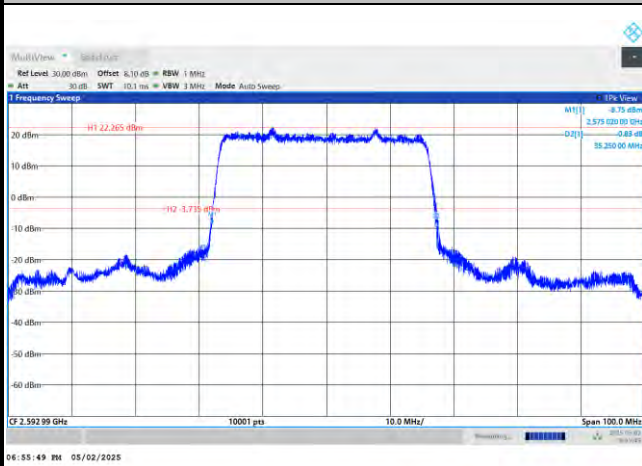
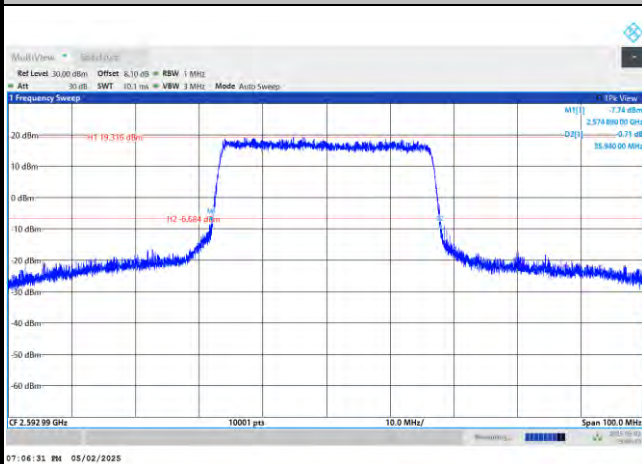
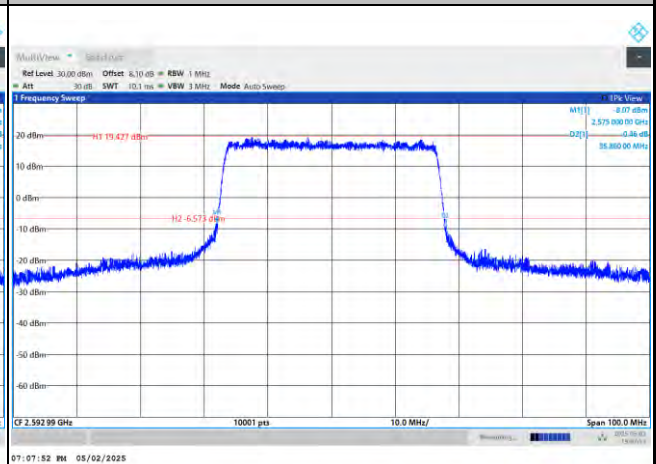
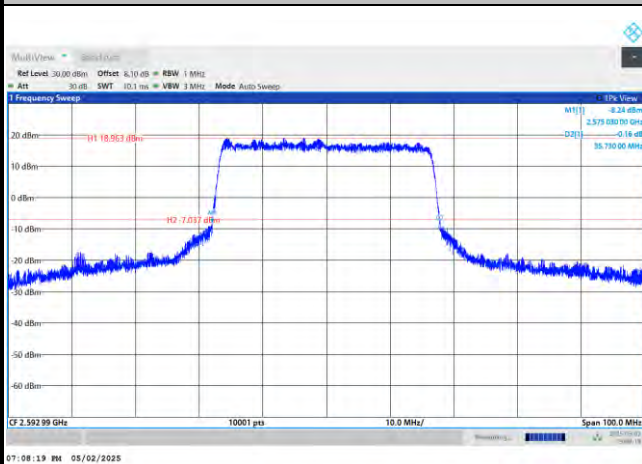
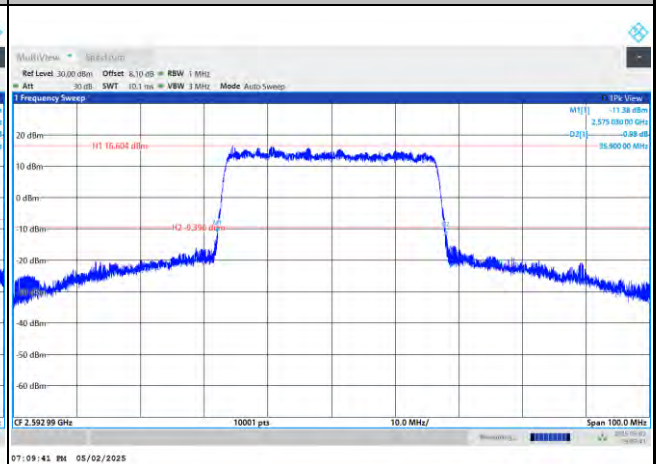


64QAM



256QAM

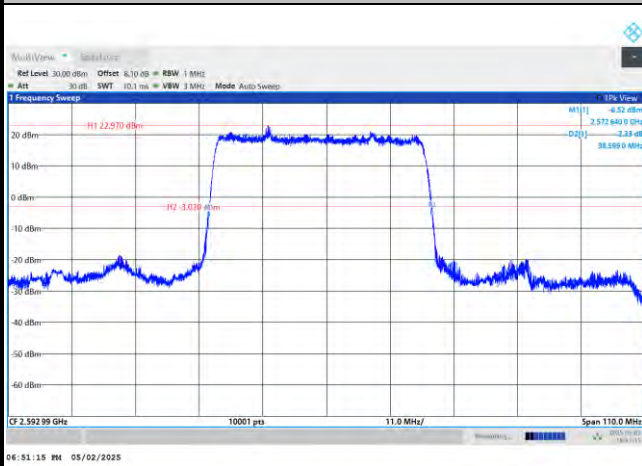


FR1 n41 / 35MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n41 / 35MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM




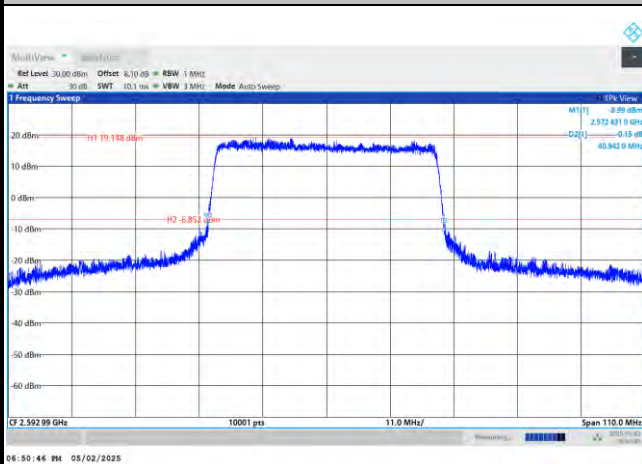
FR1 n41 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

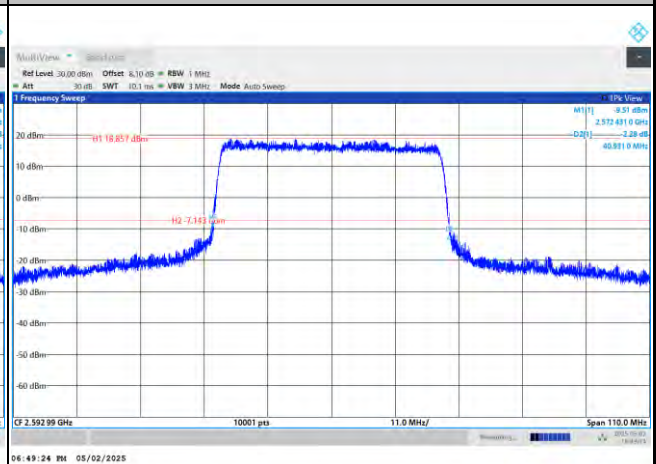


FR1 n41 / 40MHz / CP OFDM / Middle Channel / Full RB

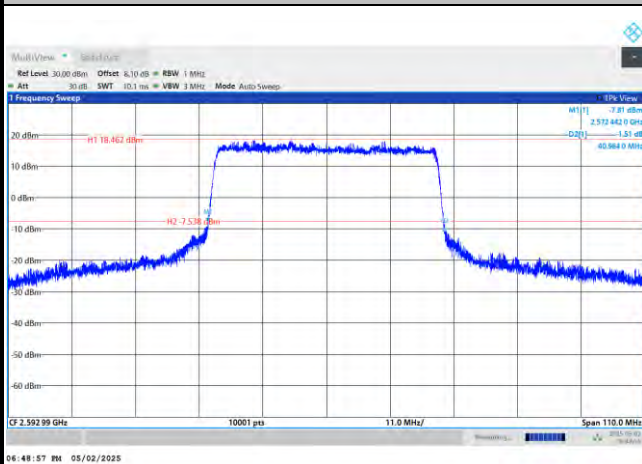
QPSK



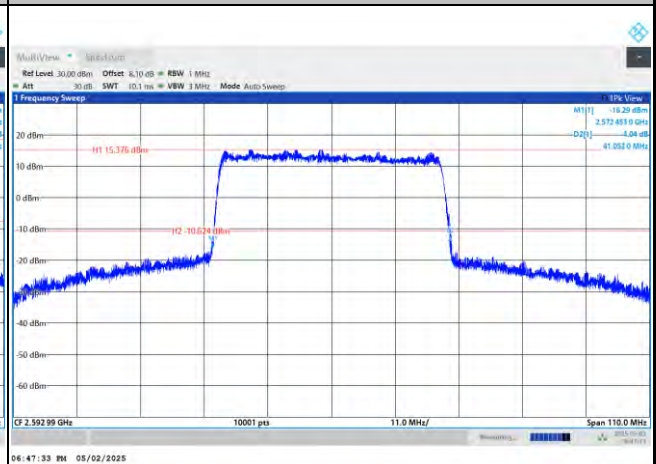
16QAM



64QAM



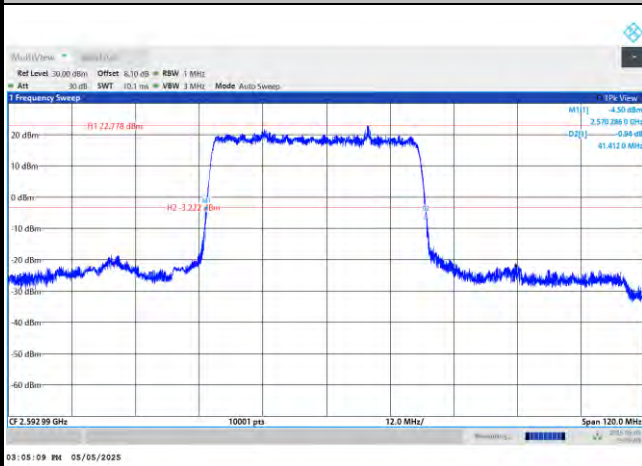
256QAM





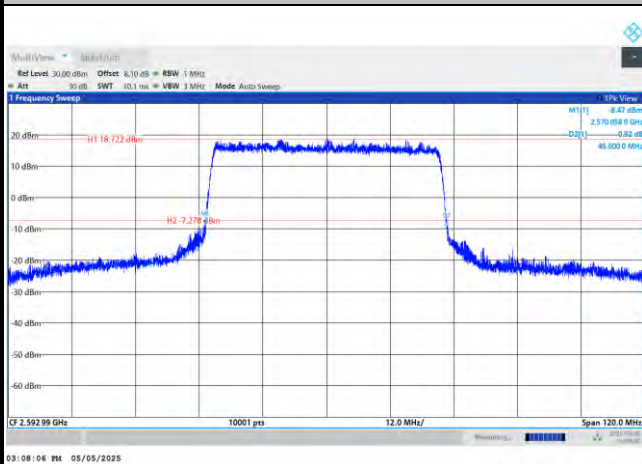
FR1 n41 / 45MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

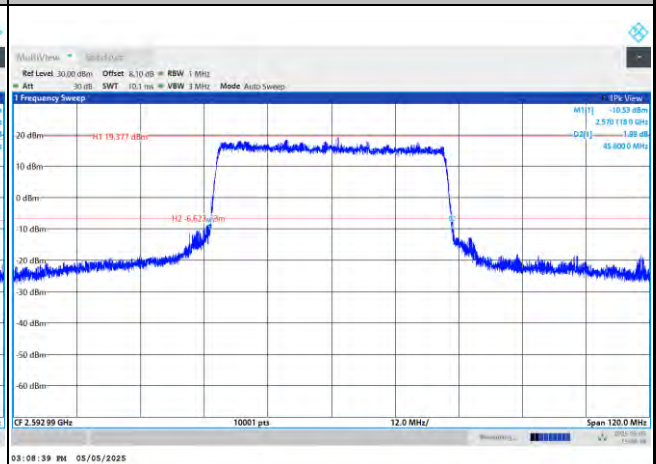


FR1 n41 / 45MHz / CP OFDM / Middle Channel / Full RB

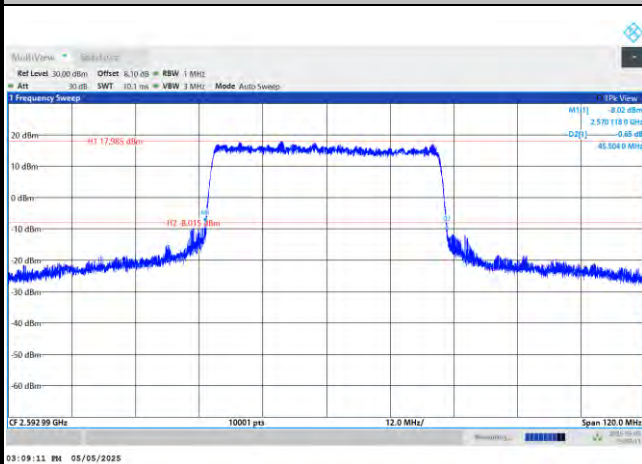
QPSK



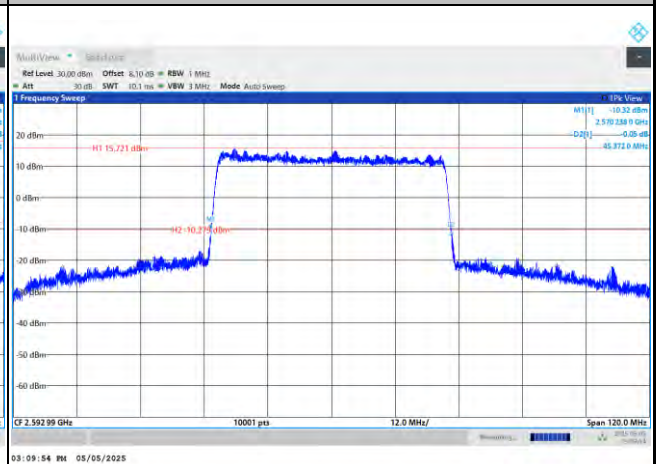
16QAM



64QAM



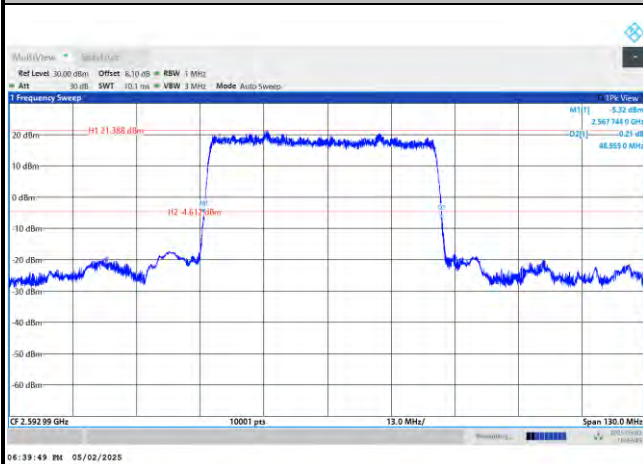
256QAM





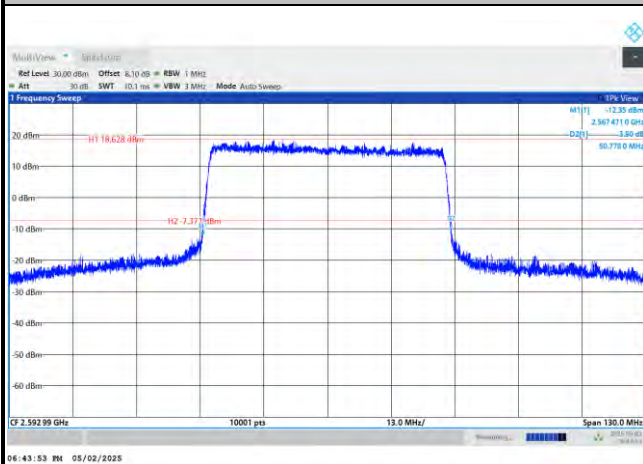
FR1 n41 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

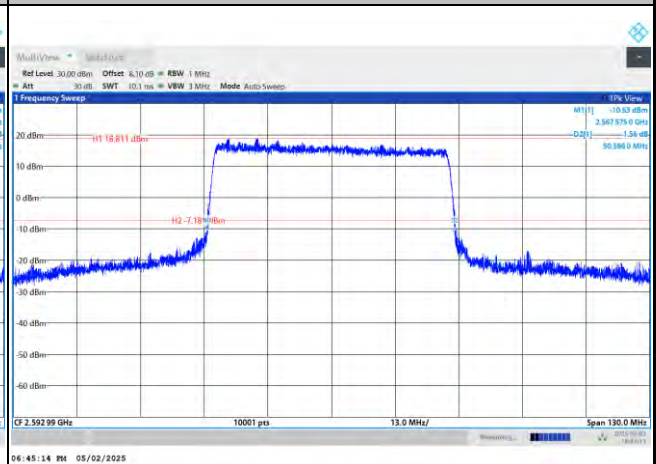


FR1 n41 / 50MHz / CP OFDM / Middle Channel / Full RB

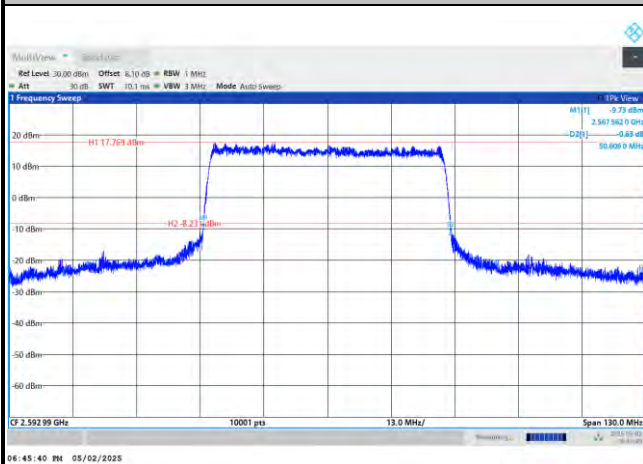
QPSK



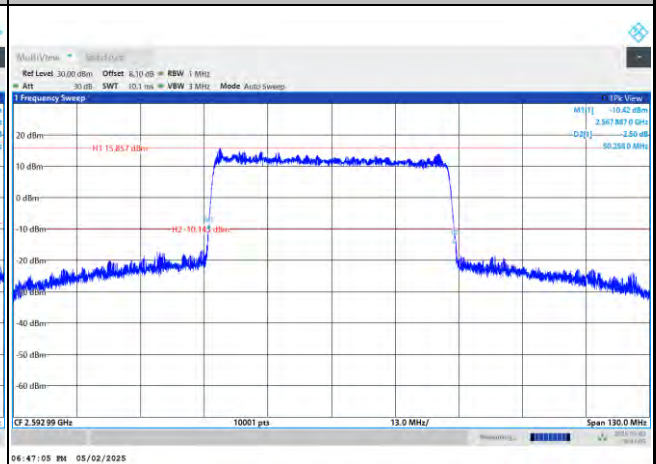
16QAM

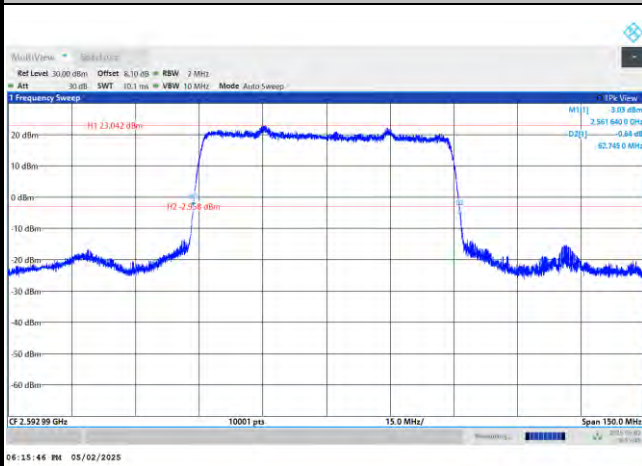
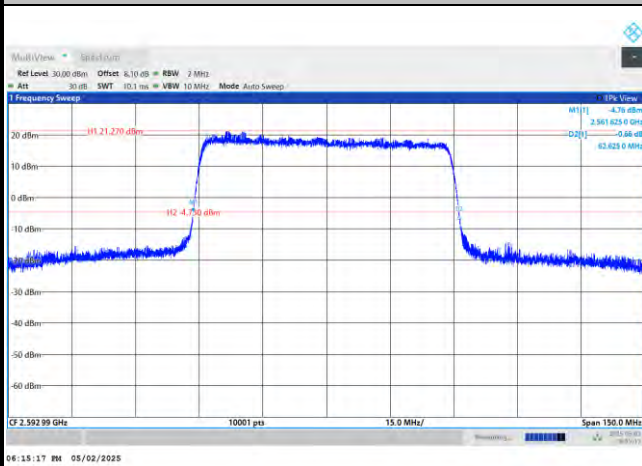
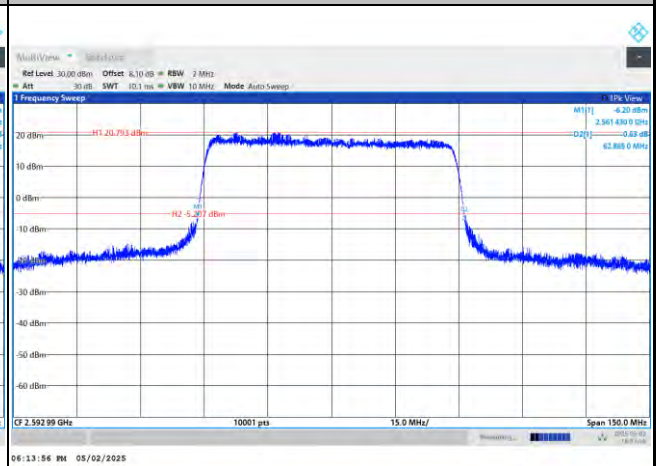
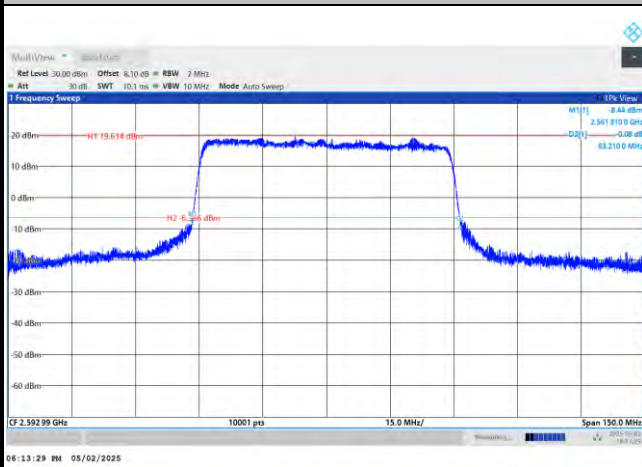
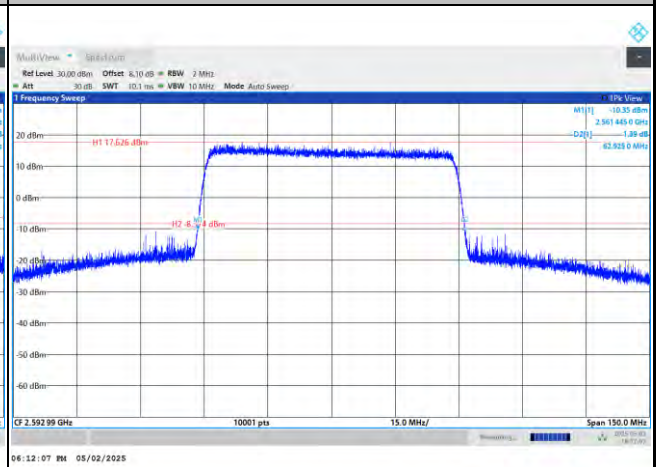


64QAM



256QAM

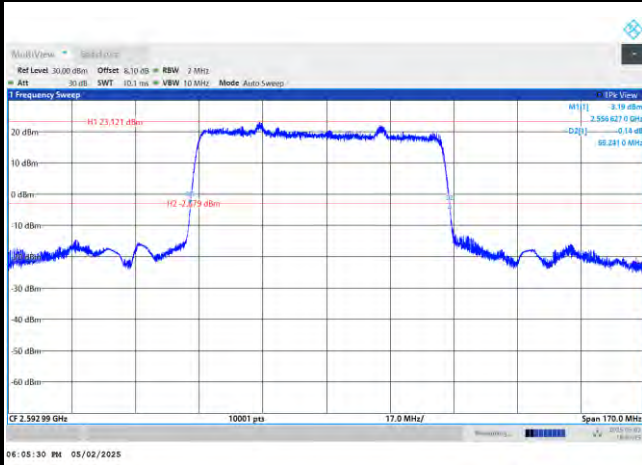


FR1 n41 / 60MHz / DFT-S OFDM / Middle Channel / Full RB
PI/2 BPSK

FR1 n41 / 60MHz / CP OFDM / Middle Channel / Full RB
QPSK

16QAM

64QAM

256QAM




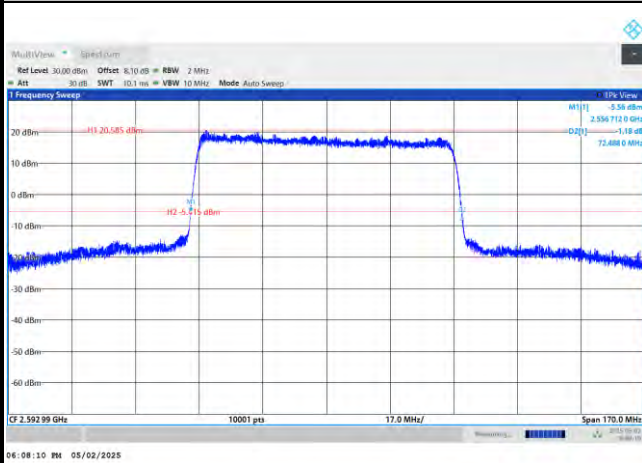
FR1 n41 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

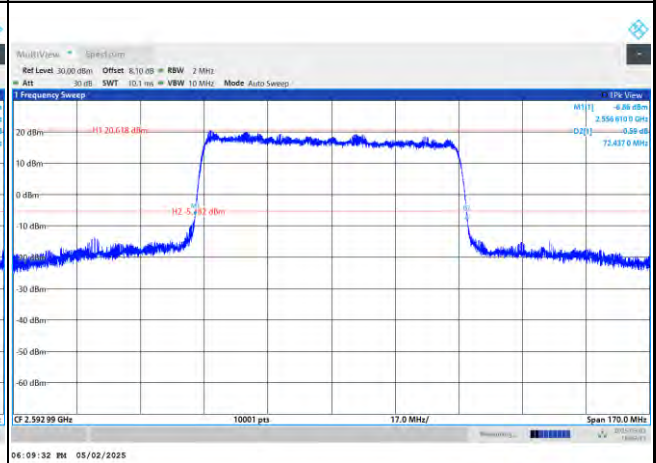


FR1 n41 / 70MHz / CP OFDM / Middle Channel / Full RB

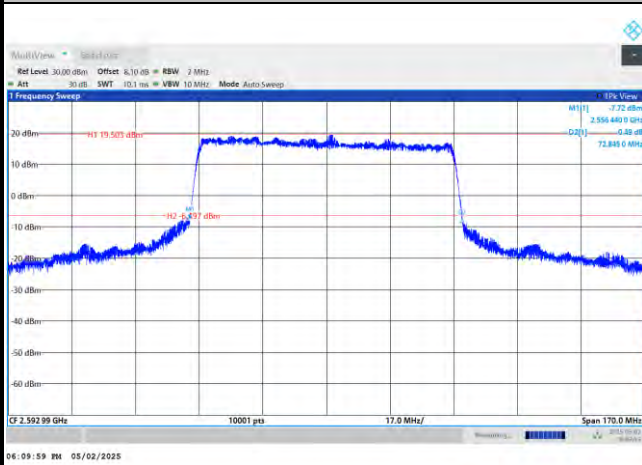
QPSK



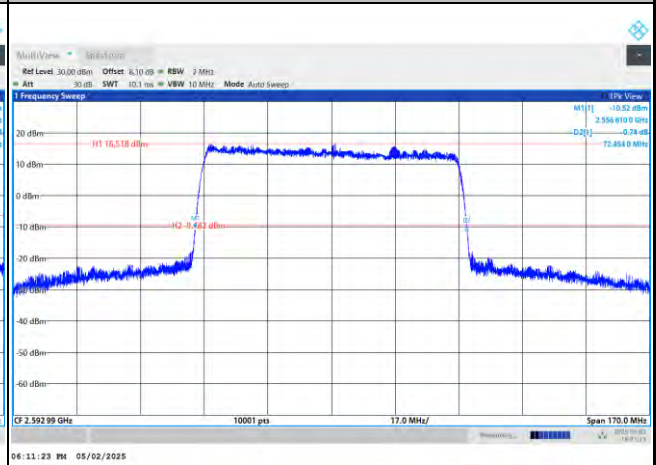
16QAM



64QAM



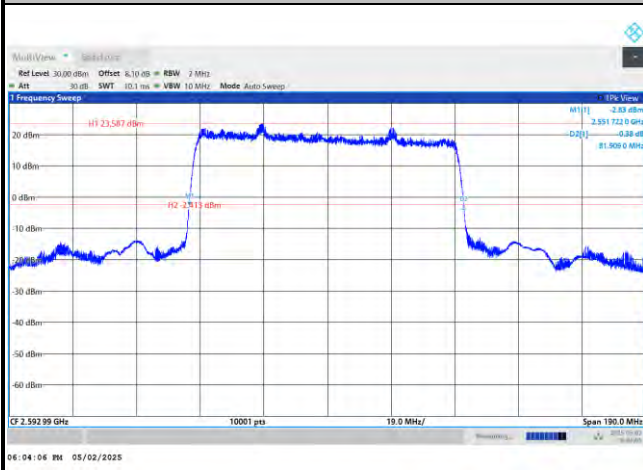
256QAM





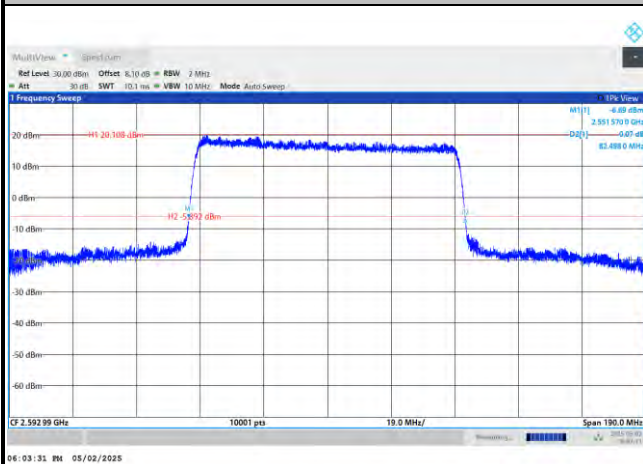
FR1 n41 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

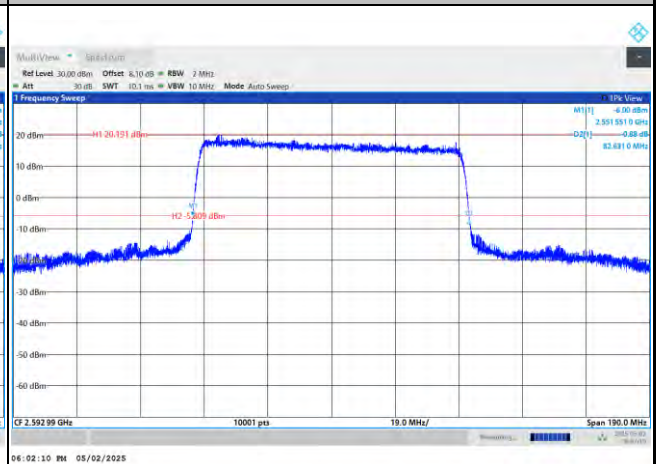


FR1 n41 / 80MHz / CP OFDM / Middle Channel / Full RB

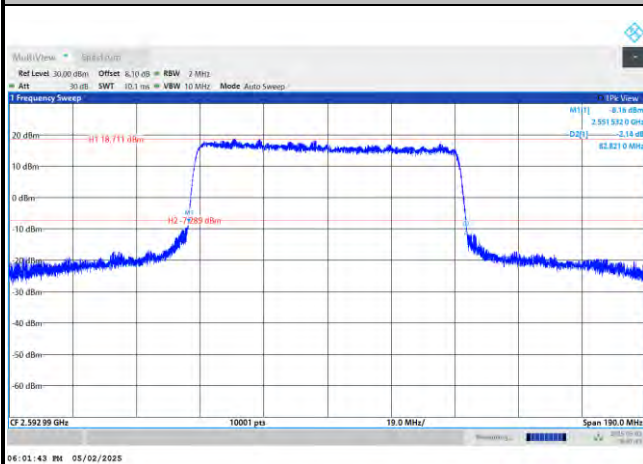
QPSK



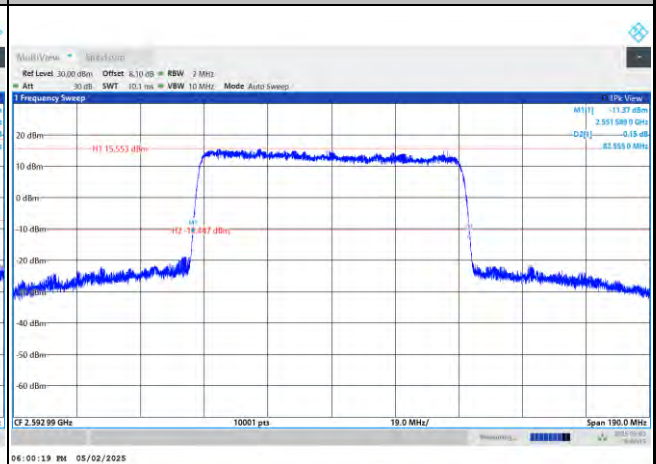
16QAM



64QAM

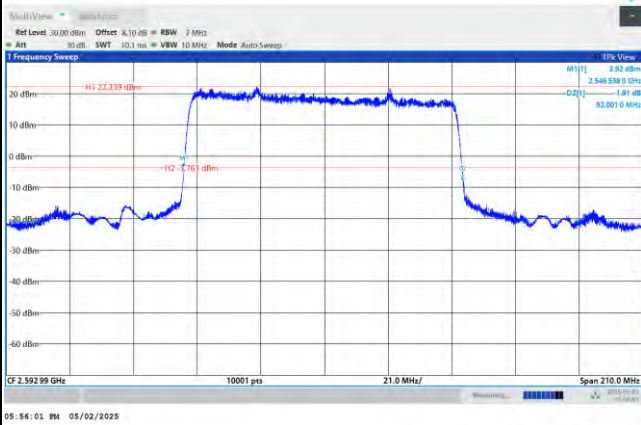


256QAM

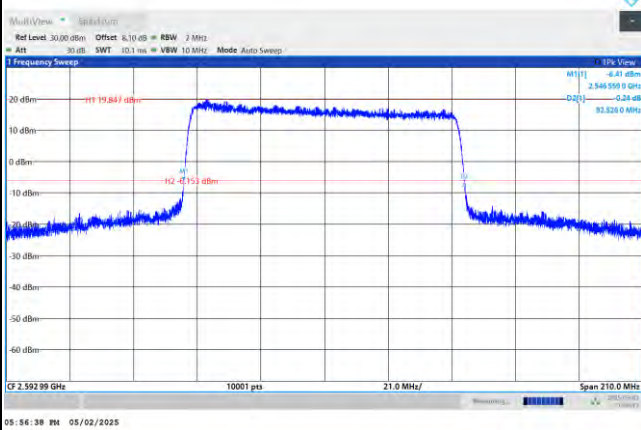




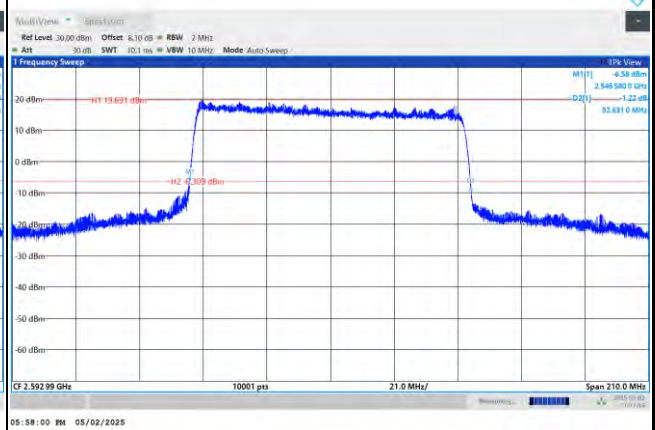
FR1 n41 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK**FR1 n41 / 90MHz / CP OFDM / Middle Channel / Full RB**

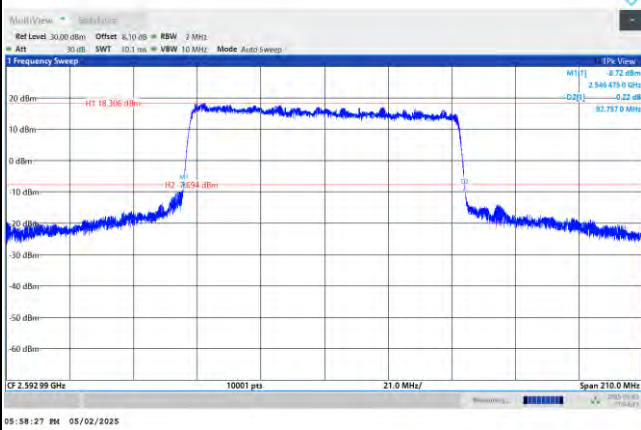
QPSK



16QAM



64QAM



256QAM

