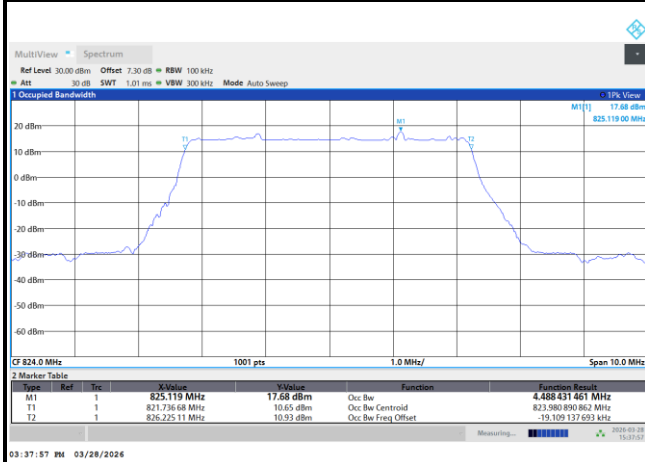


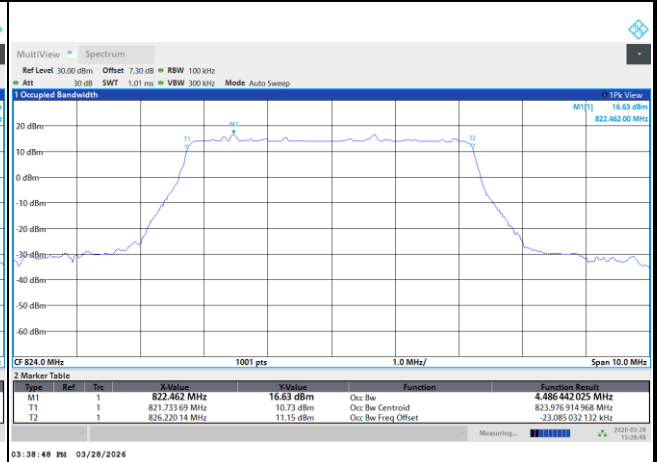


FR1 n26 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

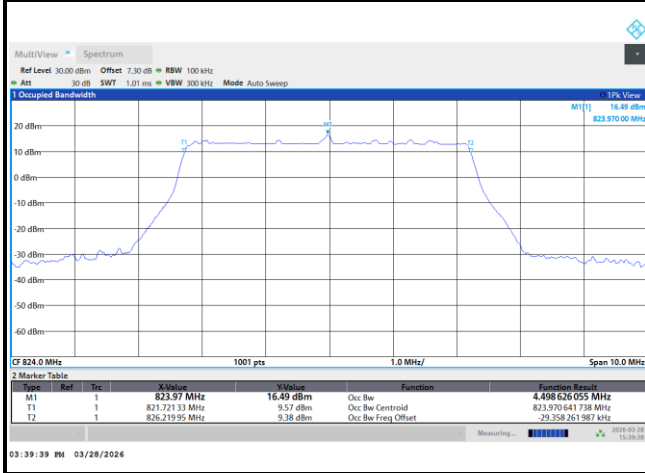
PI/2 BPSK



QPSK



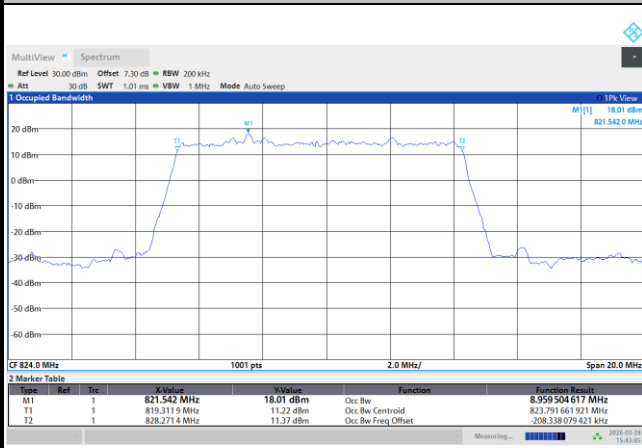
16QAM





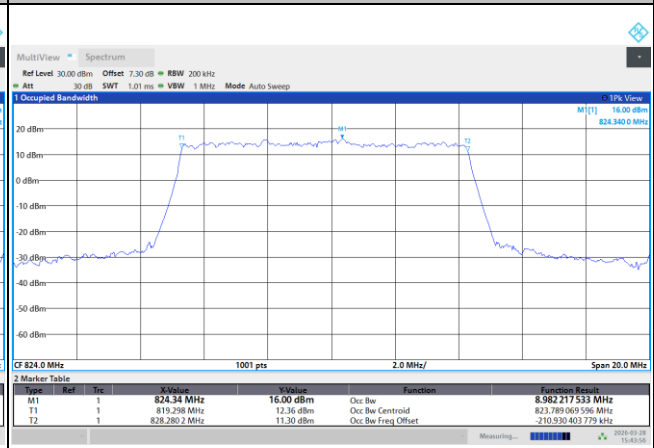
FR1 n26 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



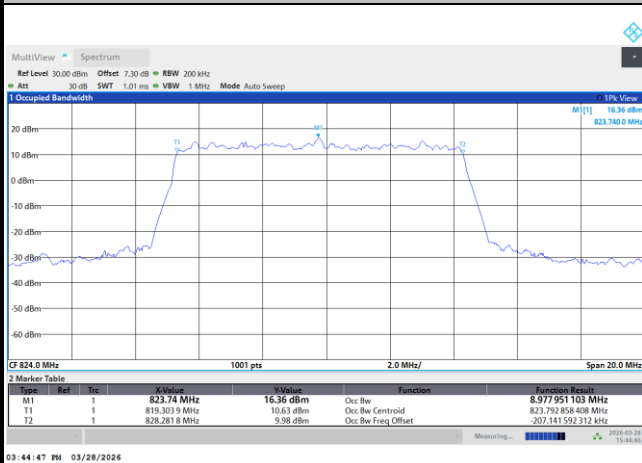
03:43:05 PM 03/28/2026

QPSK



03:43:56 PM 03/28/2026

16QAM

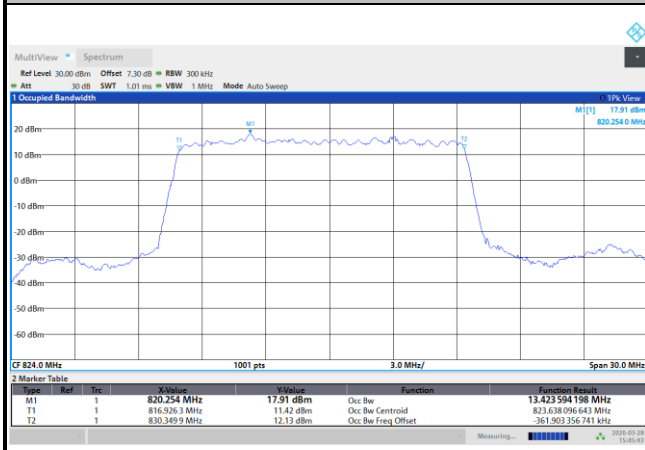


03:44:47 PM 03/28/2026



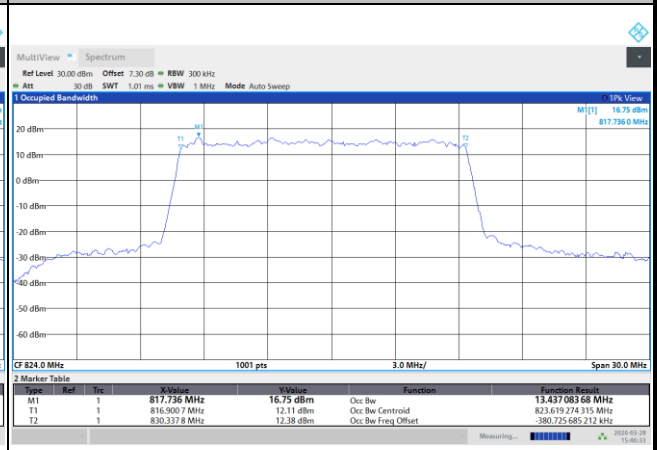
FR1 n26 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



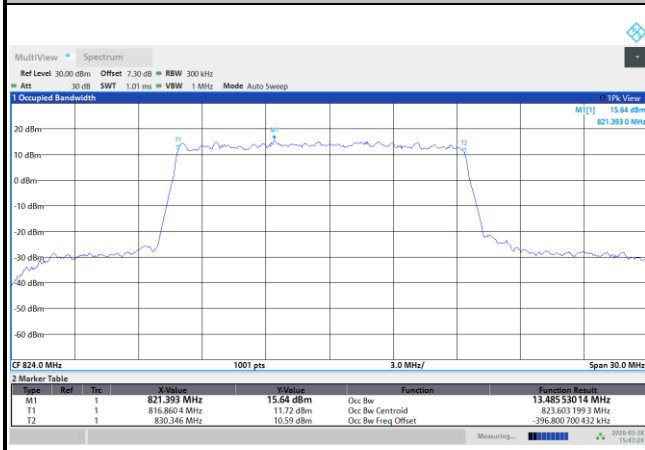
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QPSK



03:46:34 PM 03/28/2026

16QAM

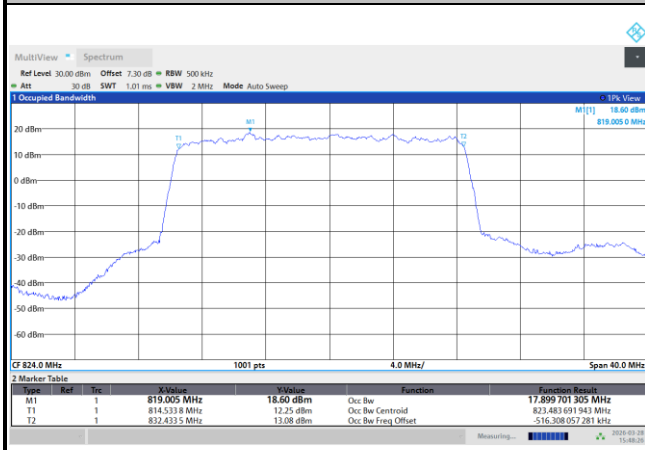


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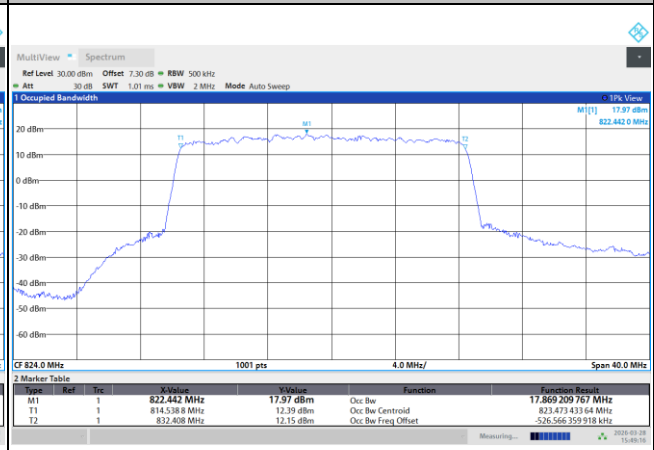


FR1 n26 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

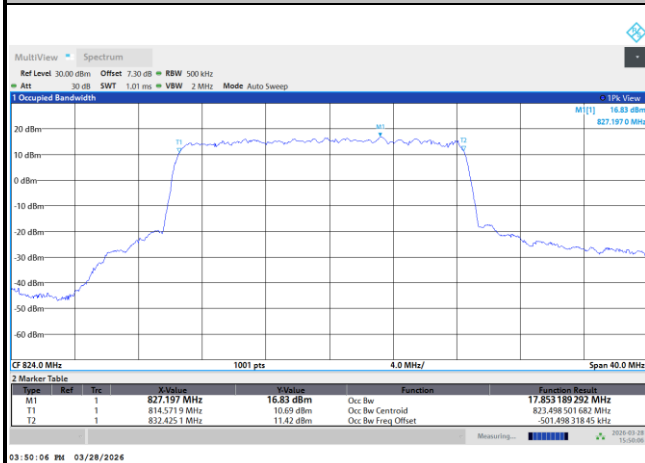
PI/2 BPSK



QPSK



16QAM

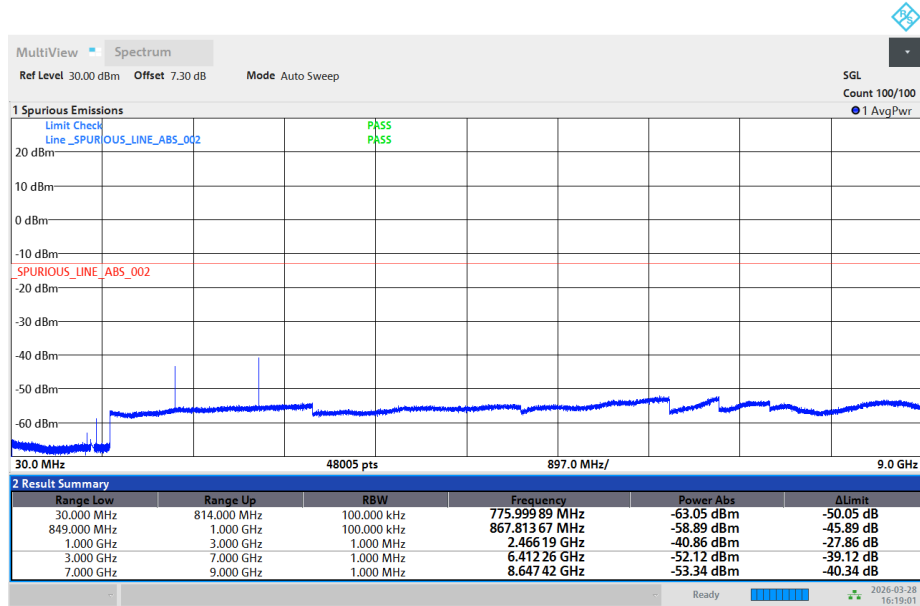




Emission masks – Out of band emissions

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

Middle MASK / Full RB



04:19:01 PM 03/28/2026

**Frequency Stability**

Test Conditions		FR1 n26 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0076	-6.3	Yes	PASS
40	Normal Voltage	0.0045	3.7	Yes	
30	Normal Voltage	0.0125	10.3	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0049	-4	Yes	
0	Normal Voltage	0.0039	-3.2	Yes	
-10	Normal Voltage	0.0053	-4.4	Yes	
-20	Normal Voltage	0.0136	11.2	Yes	
-30	Normal Voltage	0.0044	-3.6	Yes	
20	Maximum Voltage	0.0112	9.2	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0057	-4.7	Yes	

Note:

1. Normal Voltage = 3.91 V. ; Minimum Voltage = 3.5 V. ; Maximum Voltage = 3.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.

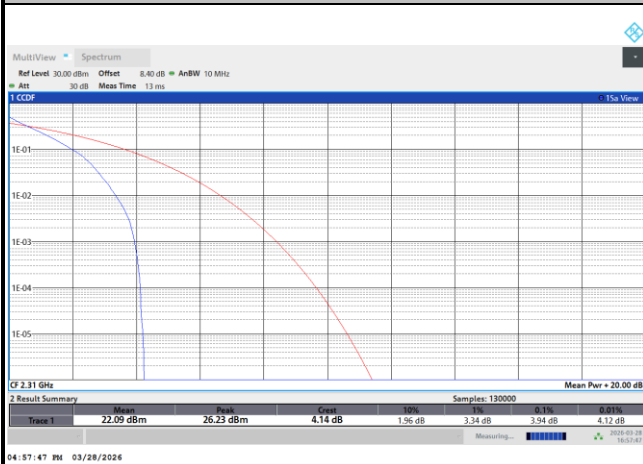
**FR1 n30****<SISO Mode> (Ant. 8)****Peak-to-Average Ratio**

Mode	FR1 n30 / 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	3.94	4.60	5.62	6.04	PASS
Mode	FR1 n30 / 10MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.54				PASS

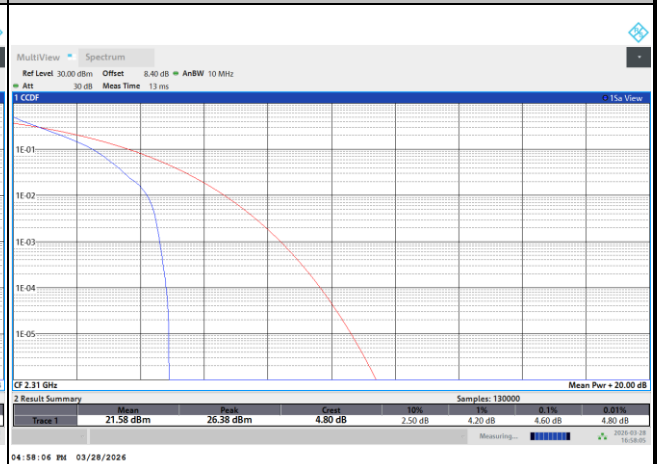


FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

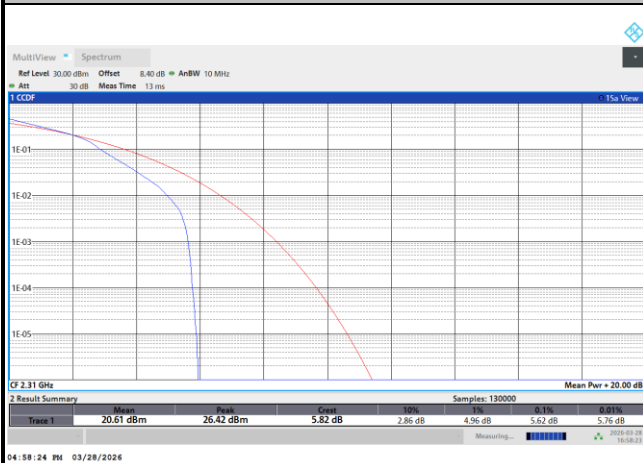
PI/2 BPSK



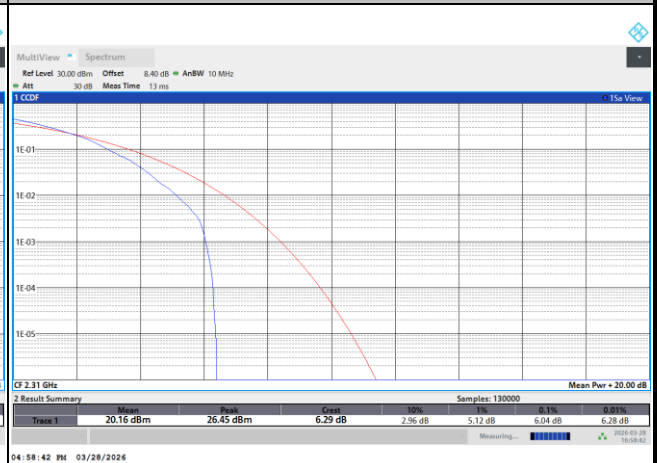
QPSK



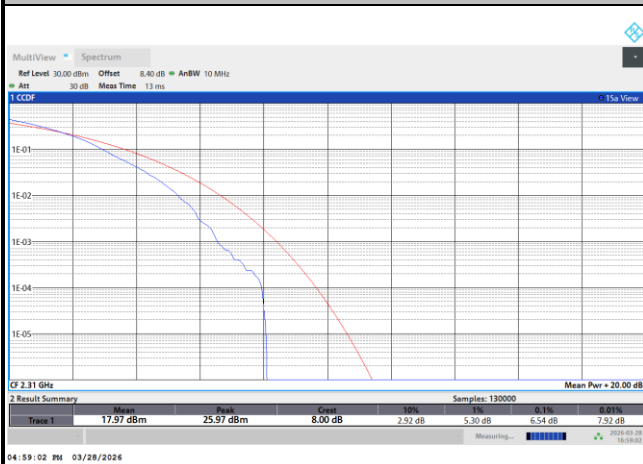
16QAM



64QAM



256QAM



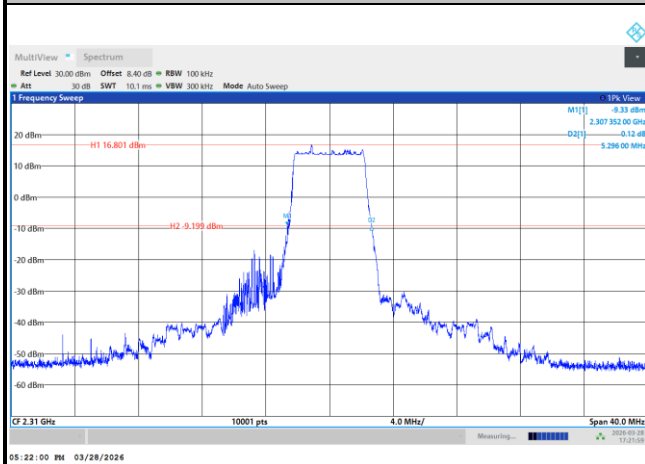
**26dB Bandwidth**

Mode	FR1 n30 : 26dB BW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	5.29	5.12	9.86	9.88				
Mod.	16QAM		16QAM					
Middle CH	5.22		9.81					

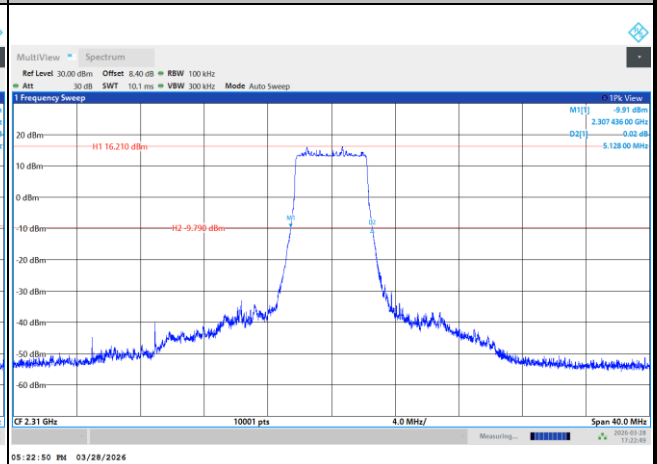


FR1 n30 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

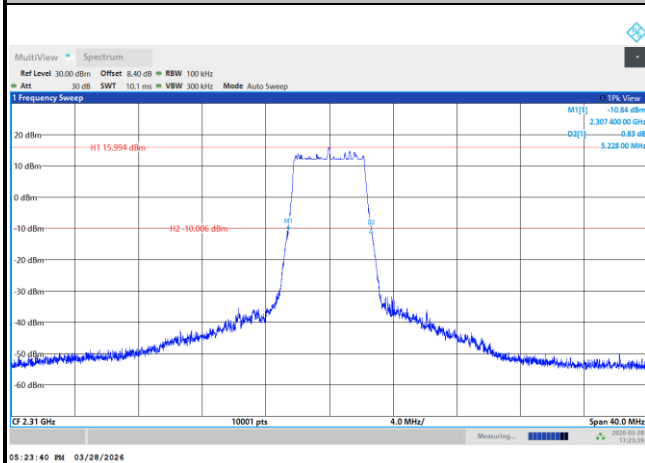
PI/2 BPSK



QPSK



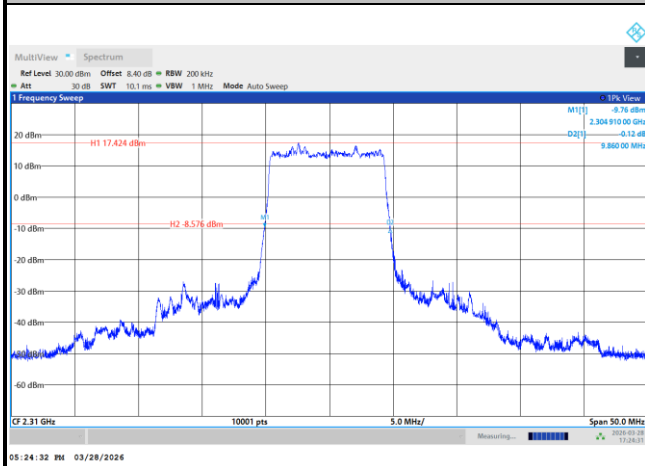
16QAM



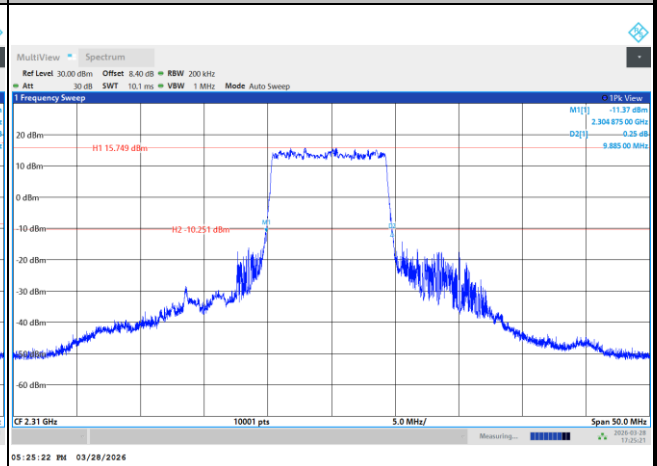


FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

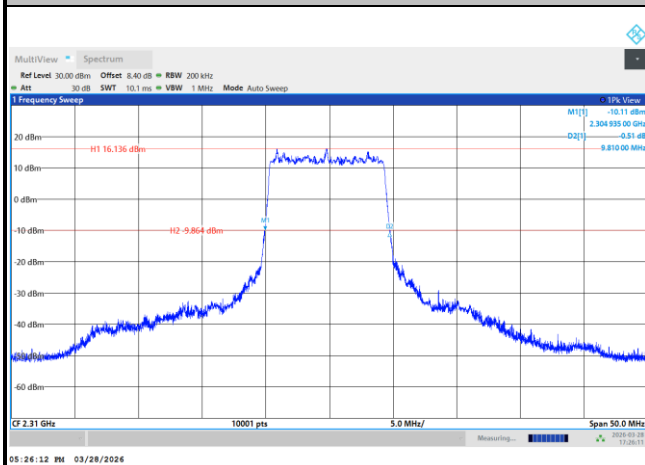
PI/2 BPSK



QPSK



16QAM



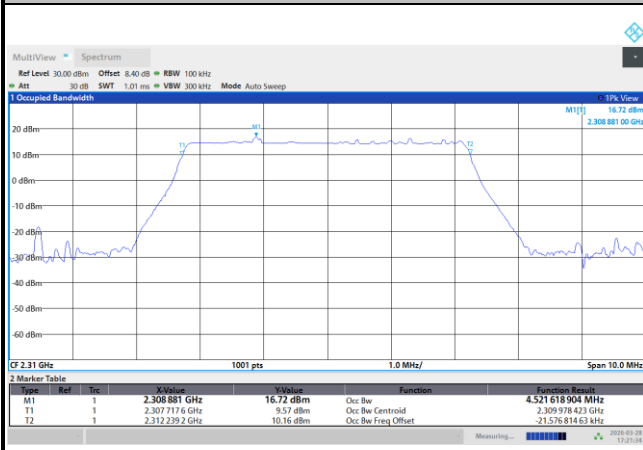
**Occupied Bandwidth**

Mode	FR1 n30 : 99%OBW(MHz) / DFT-S OFDM							
BW	5MHz		10MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	4.52	4.49	8.98	8.99				
Mod.	16QAM		16QAM					
Middle CH	4.51		9.00					



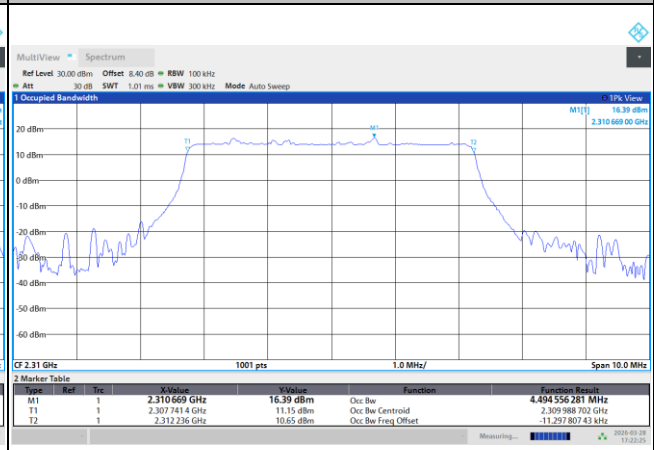
FR1 n30 / 5MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



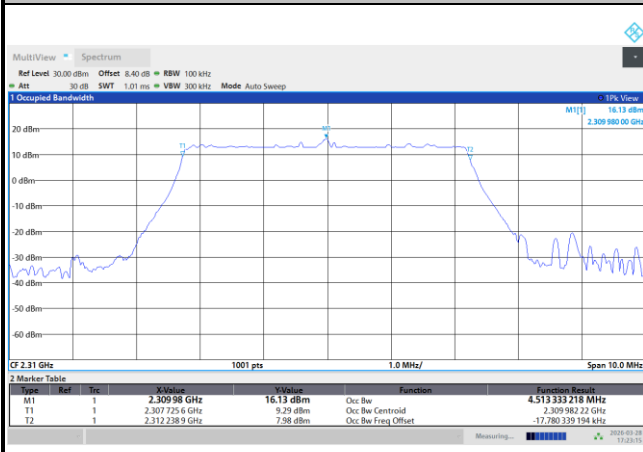
05:21:35 PM 03/28/2024

QPSK



05:22:25 PM 03/28/2024

16QAM

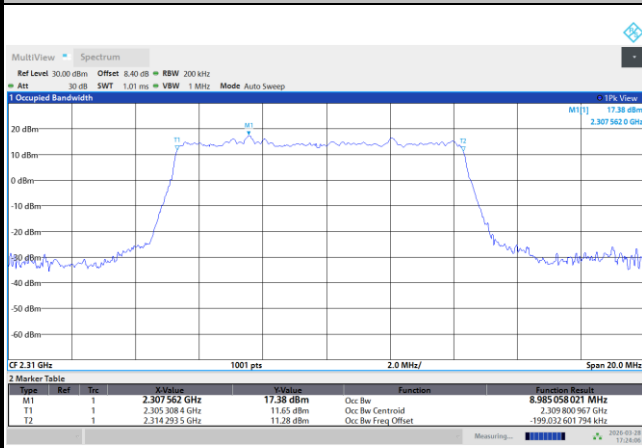


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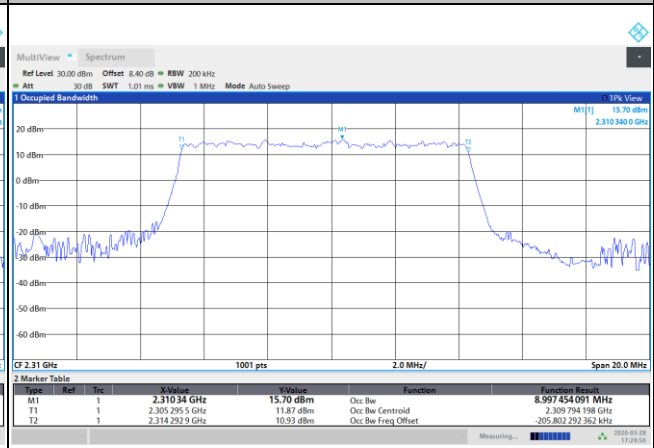
FR1 n30 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



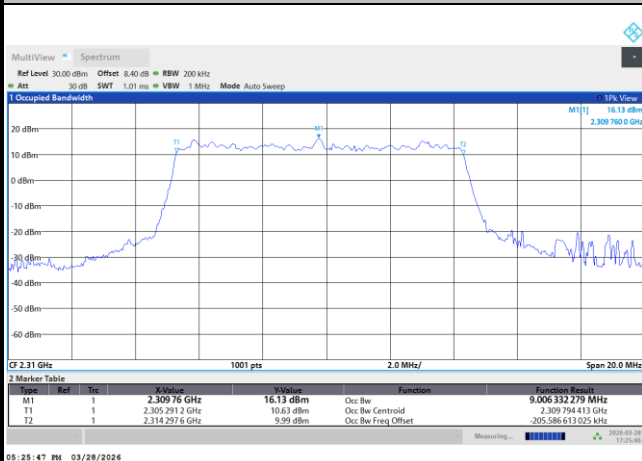
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QPSK



05:24:57 PM 03/28/2026

16QAM



05:25:47 PM 03/28/2026

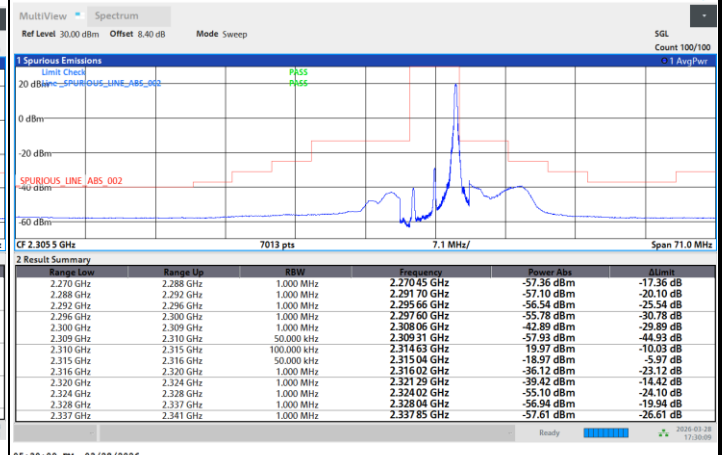
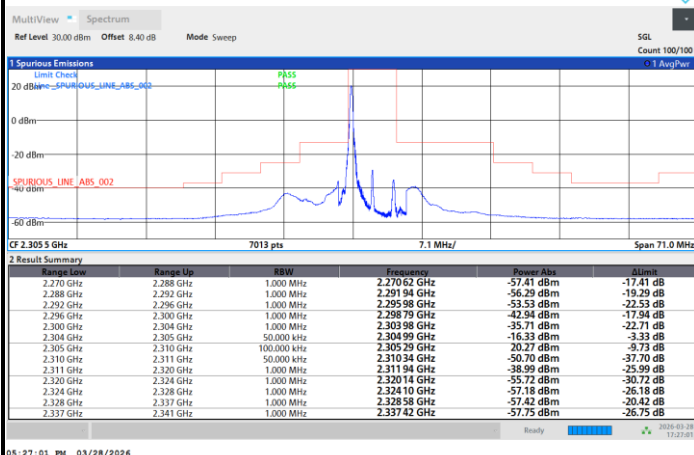


Conducted Band Edge

FR1 n30 / 5MHz / DFT-S OFDM / PI/2 BPSK

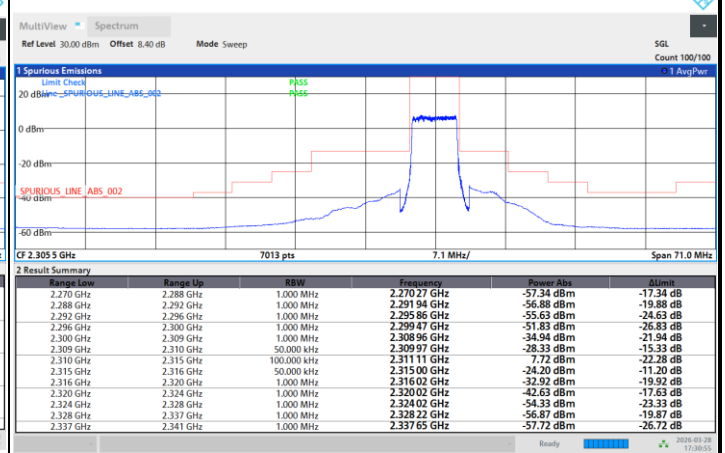
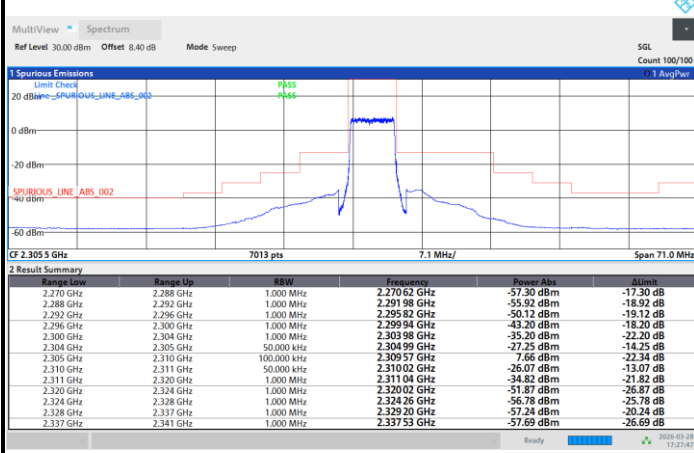
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

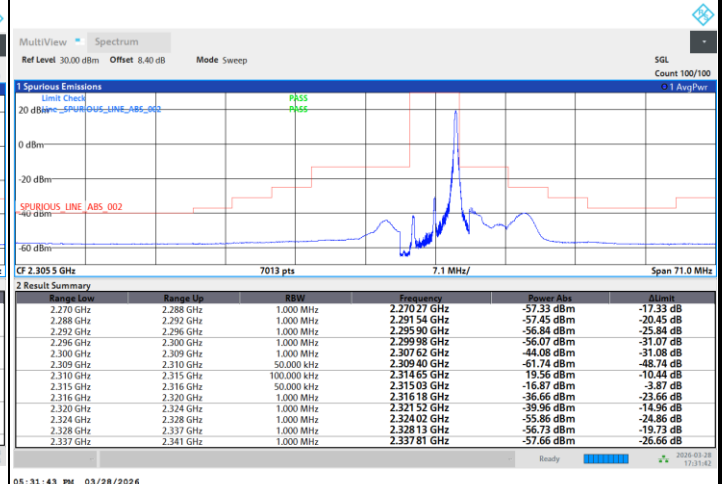
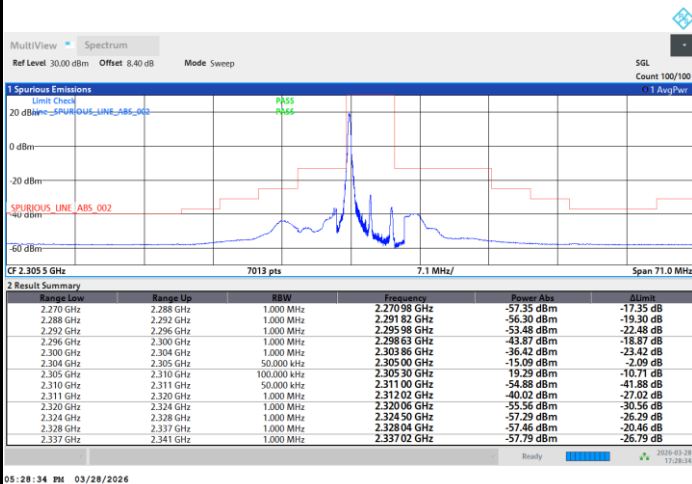




FR1 n30 / 5MHz / DFT-S OFDM / QPSK

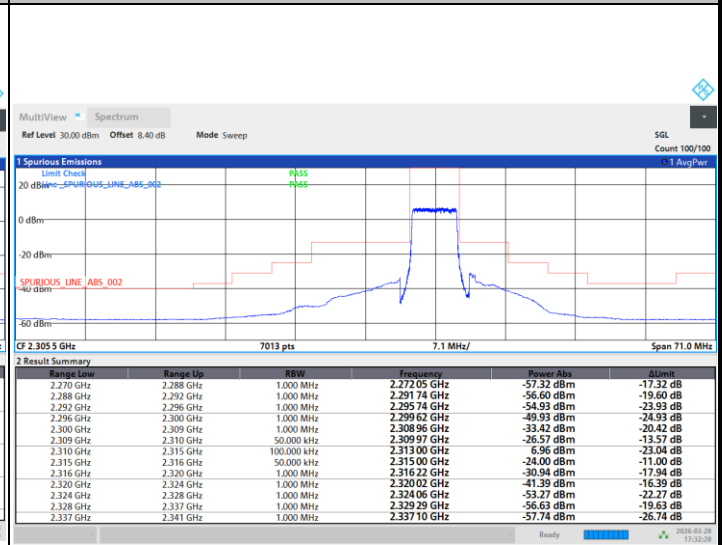
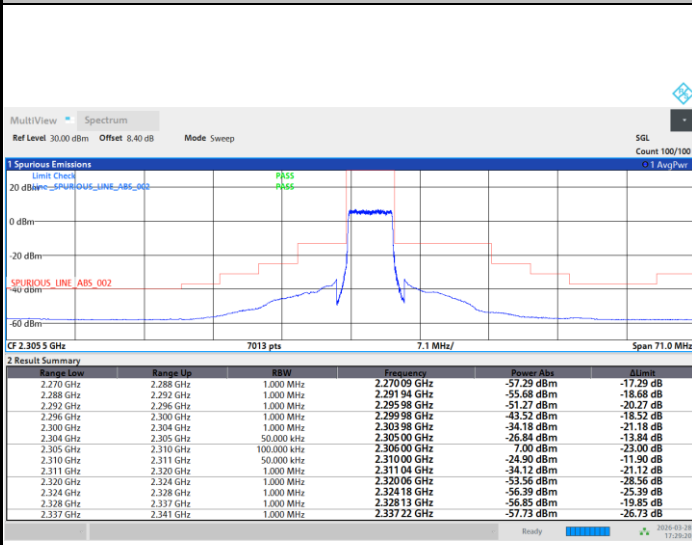
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

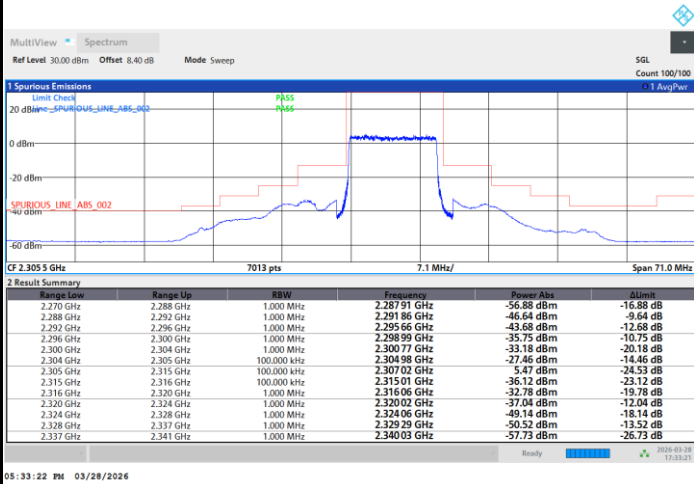
Highest Band Edge / Full RB





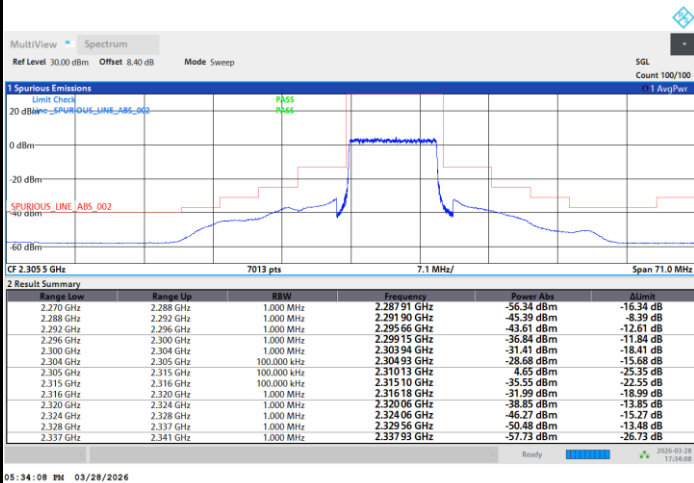
FR1 n30 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Middle Band Edge / Full RB



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

Middle Band Edge / Full RB

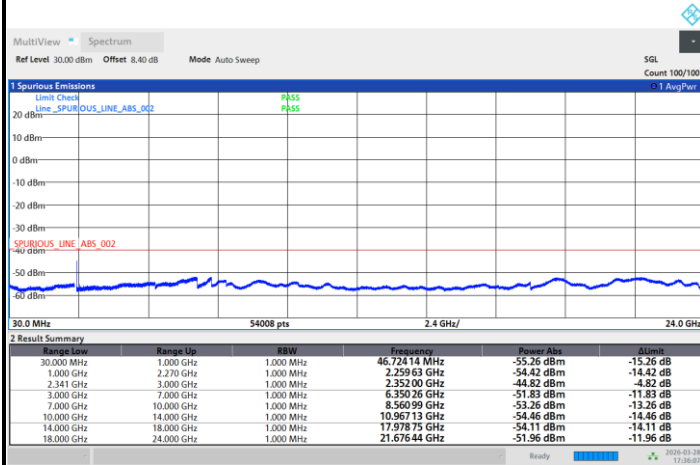




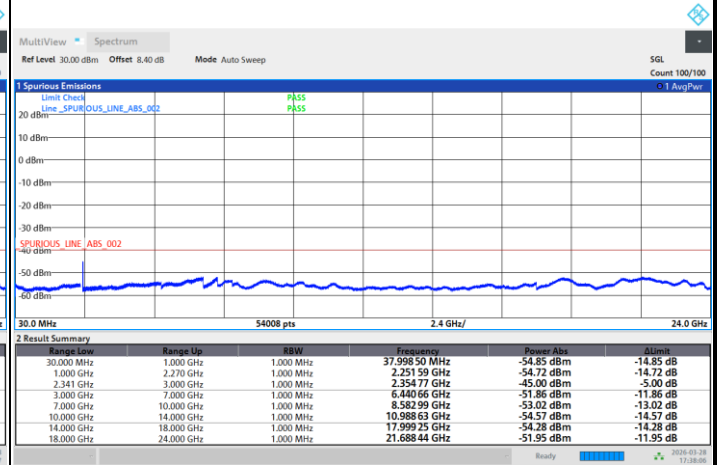
Conducted Spurious Emission

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

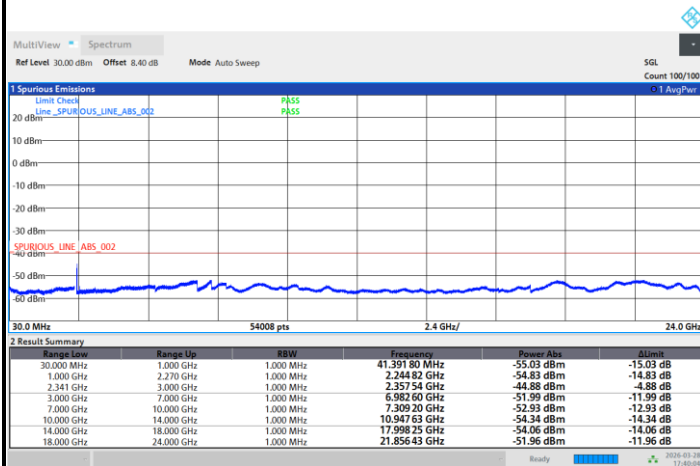
Lowest Channel



Middle Channel



Highest Channel



**Frequency Stability**

Test Conditions		FR1 n30 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0003	-0.6	Yes	PASS
40	Normal Voltage	0.0069	16	Yes	
30	Normal Voltage	0.0047	10.8	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0003	0.7	Yes	
0	Normal Voltage	0.0009	-2	Yes	
-10	Normal Voltage	0.0003	0.7	Yes	
-20	Normal Voltage	0.0068	15.6	Yes	
-30	Normal Voltage	0.0018	4.2	Yes	
20	Maximum Voltage	0.0005	1.2	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0002	0.5	Yes	

Note:

1. Normal Voltage = 3.91 V. ; Minimum Voltage = 3.5 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.
3. The frequency variation is sufficient to ensure that the occupied bandwidth of all operation channels stay within the operating frequency block or frequency block group.

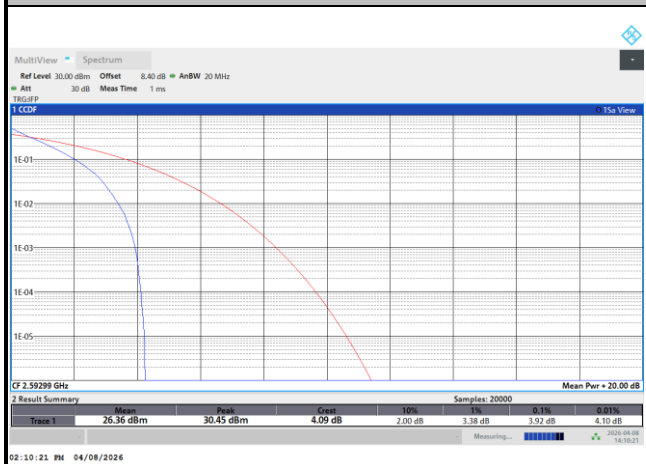
**FR1 n41****<SISO Mode>****Peak-to-Average Ratio**

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	3.92	4.60	5.54	6.02	PASS
Mode	FR1 n41 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	6.58				PASS

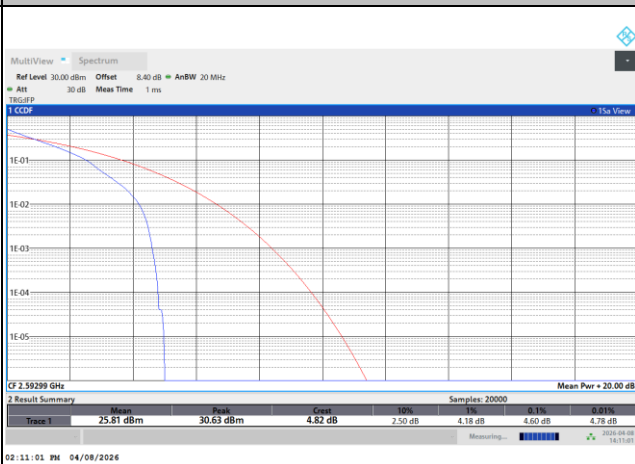


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

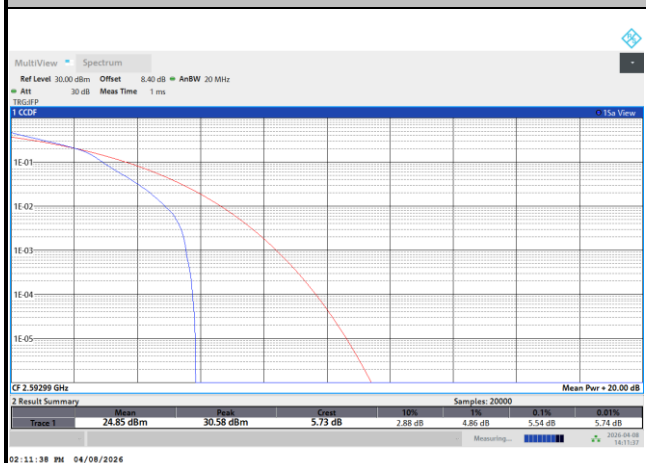
PI/2 BPSK



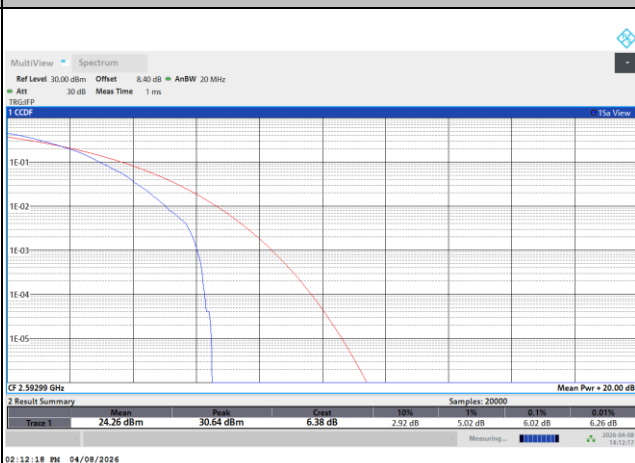
QPSK



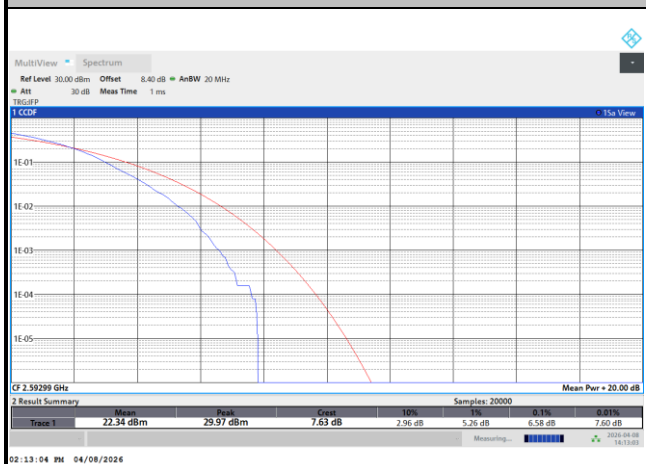
16QAM



64QAM



256QAM

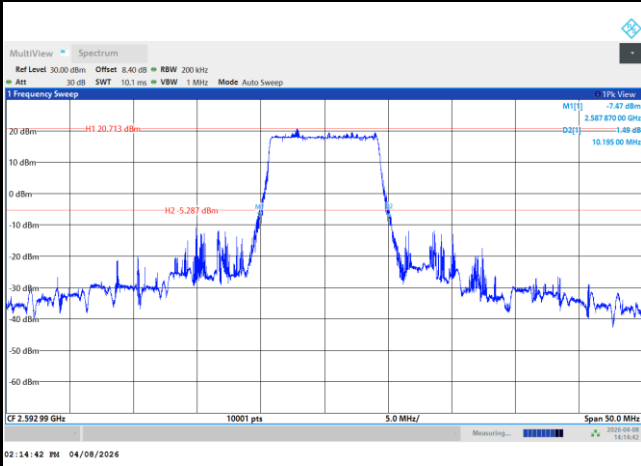


**26dB Bandwidth**

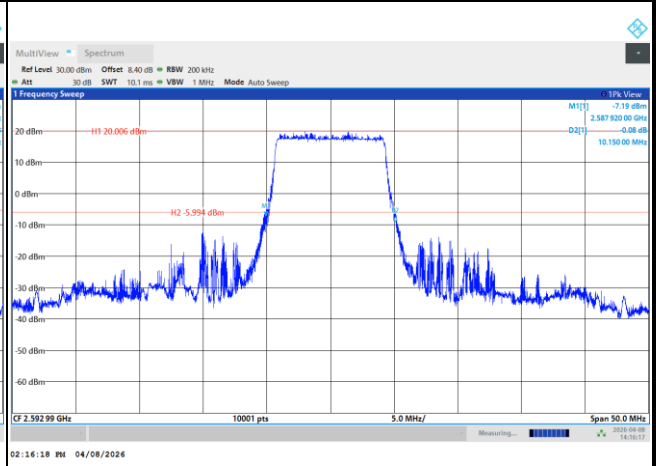
Mode	FR1 n41 : 26dB BW(MHz) / DFT-S OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	10.19	10.15	14.62	14.42	19.53	19.76	25.05	24.92
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	10.16		14.48		19.46		25.10	
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	29.87	29.75	38.68	38.68	48.73	48.65	62.82	62.95
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	29.68		38.89		48.58		62.70	
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	69.19	69.44	81.89	82.25	91.72	92.06	101.47	101.47
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	69.44		82.27		91.77		101.61	

**FR1 n41 / 10MHz / DFT-S OFDM / Middle Channel / Full RB**

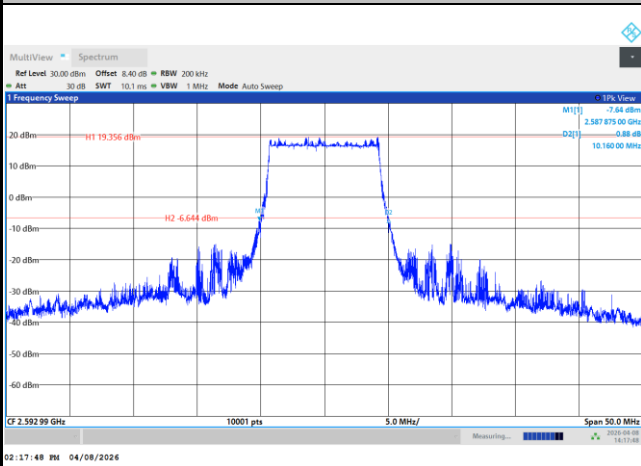
PI/2 BPSK

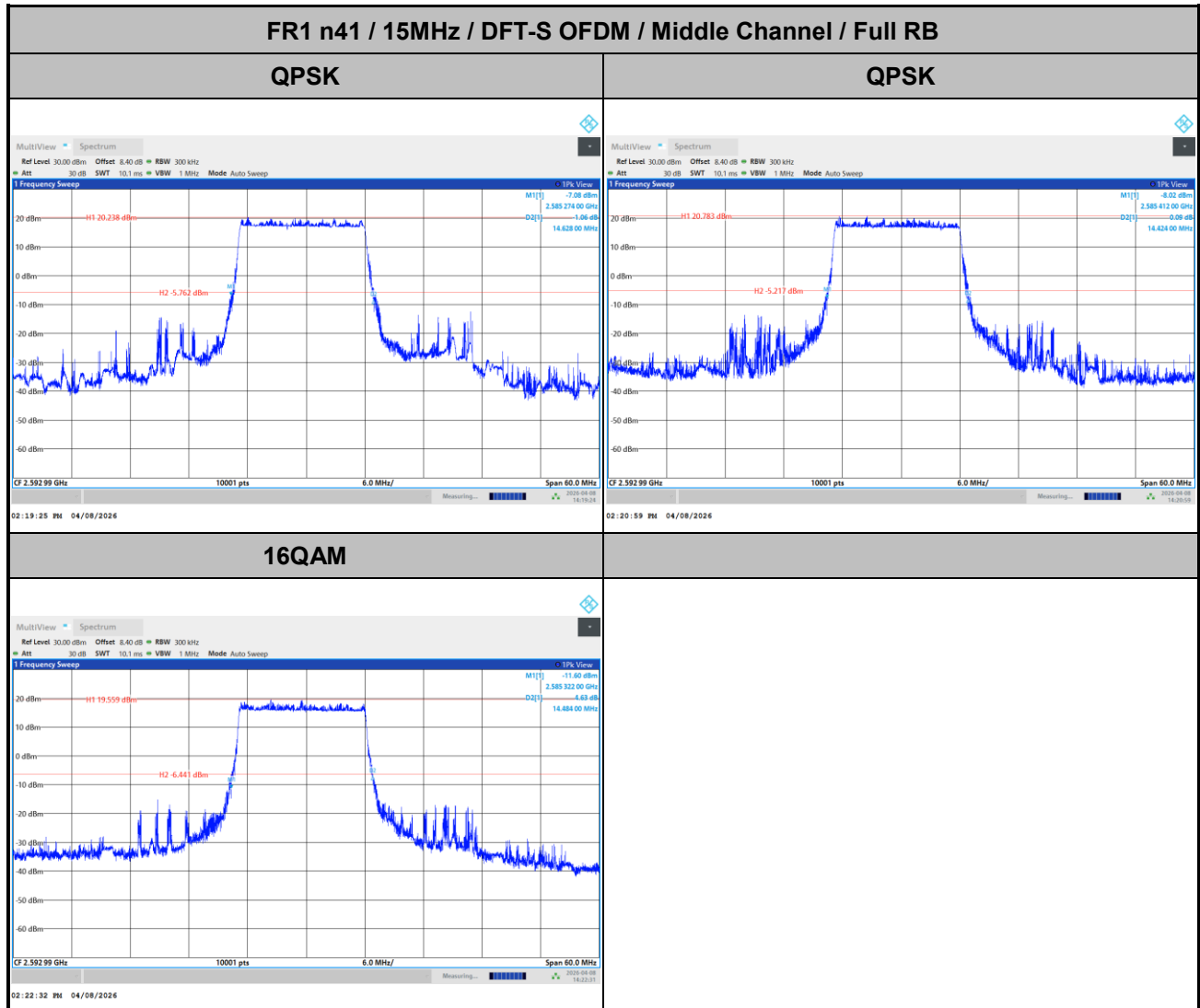


QPSK



16QAM

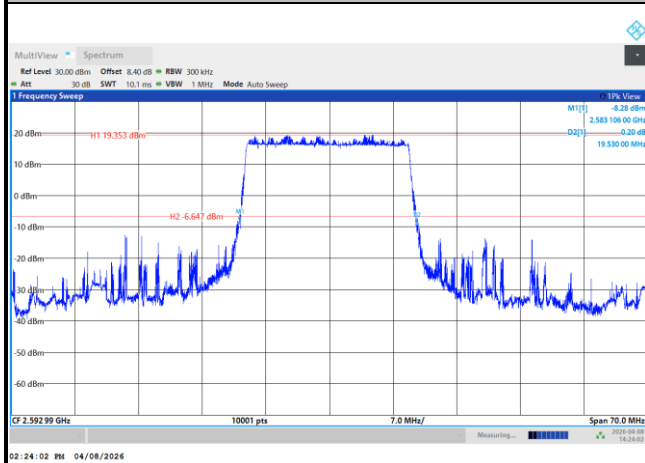




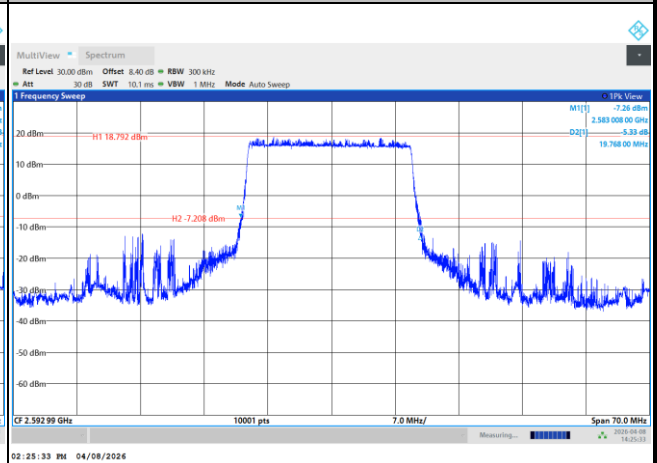


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

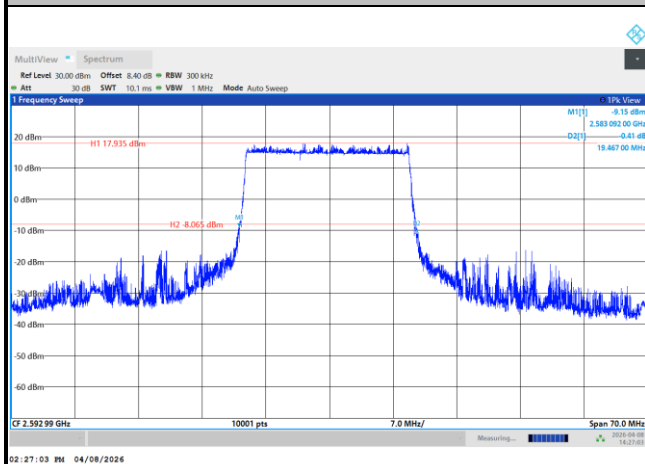
PI/2 BPSK



QPSK



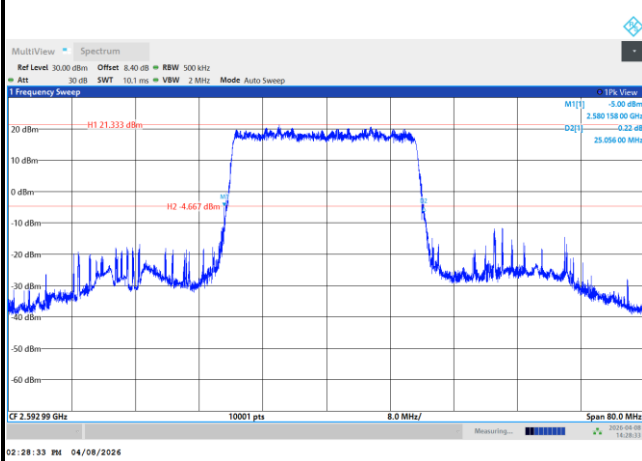
16QAM



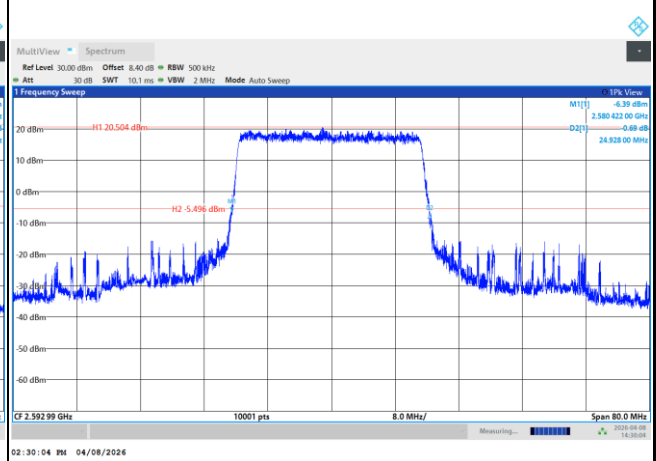


FR1 n41 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

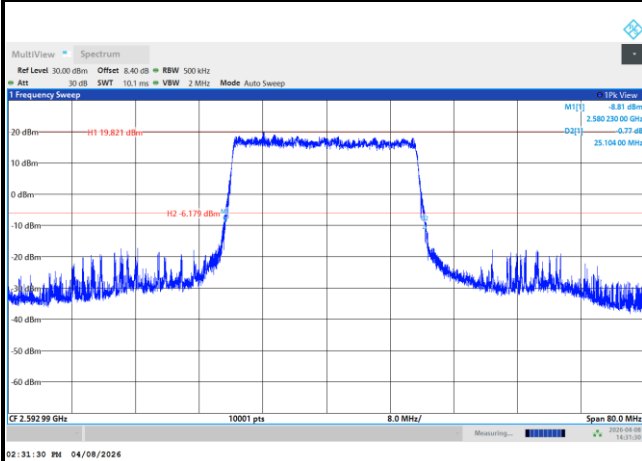
PI/2 BPSK



QPSK



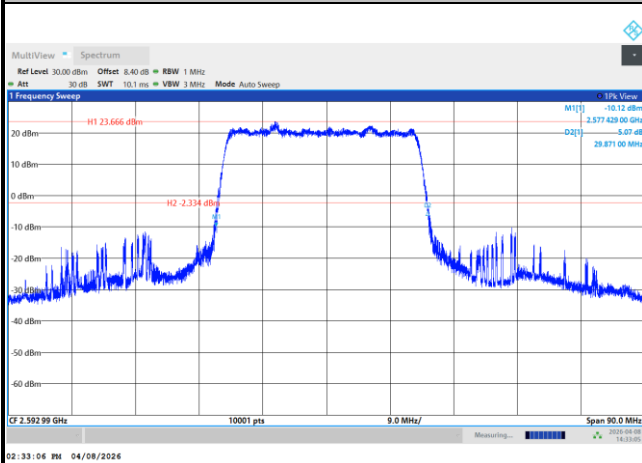
16QAM



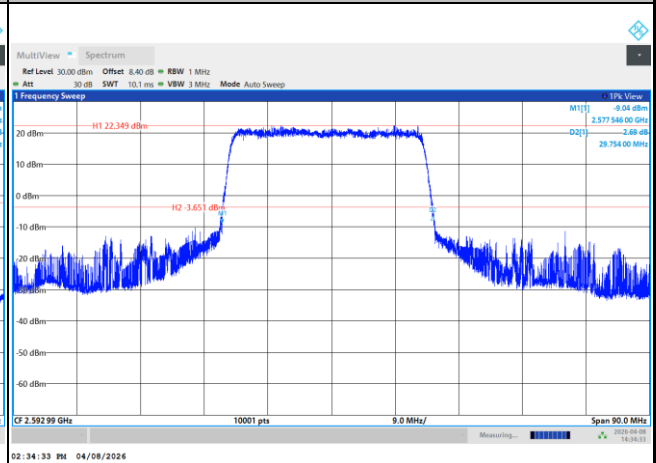


FR1 n41 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

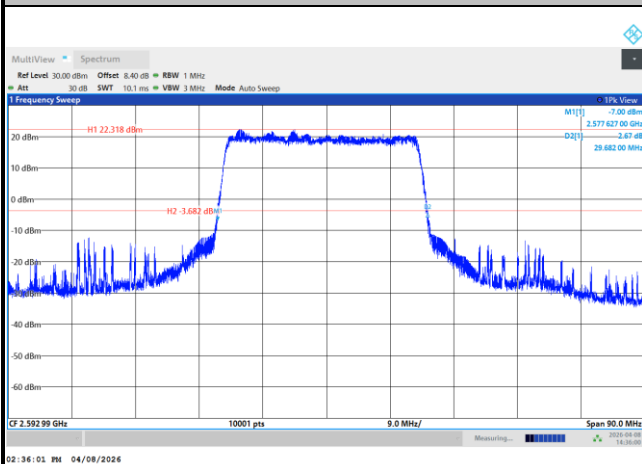
PI/2 BPSK



QPSK



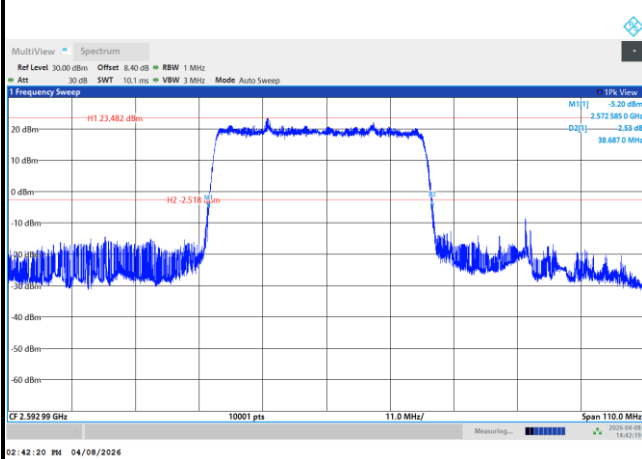
16QAM



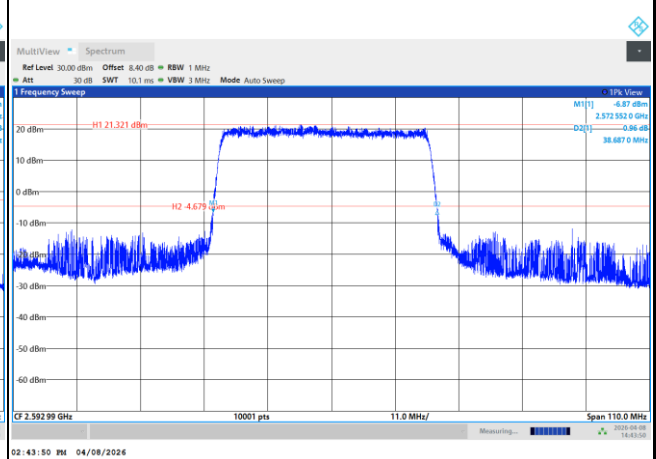


FR1 n41 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

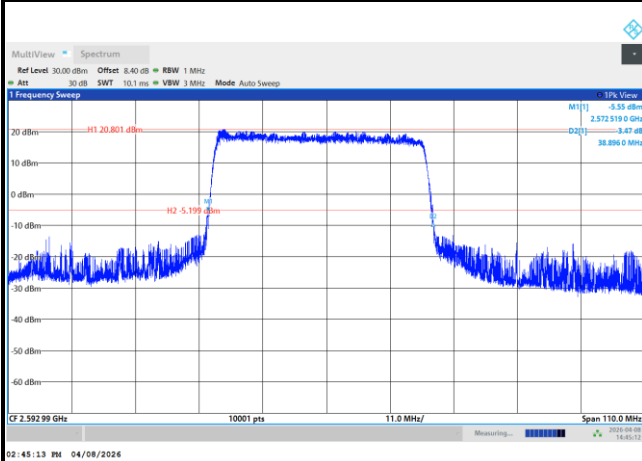
PI/2 BPSK



QPSK



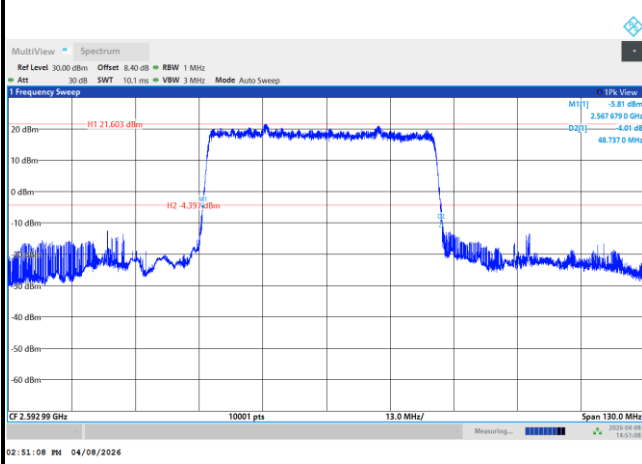
16QAM



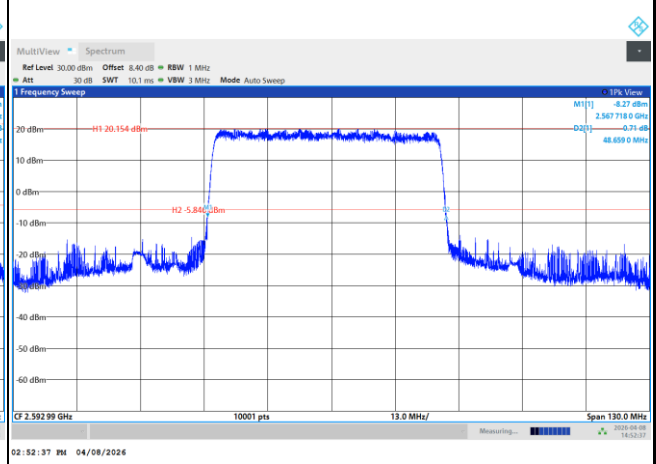


FR1 n41 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

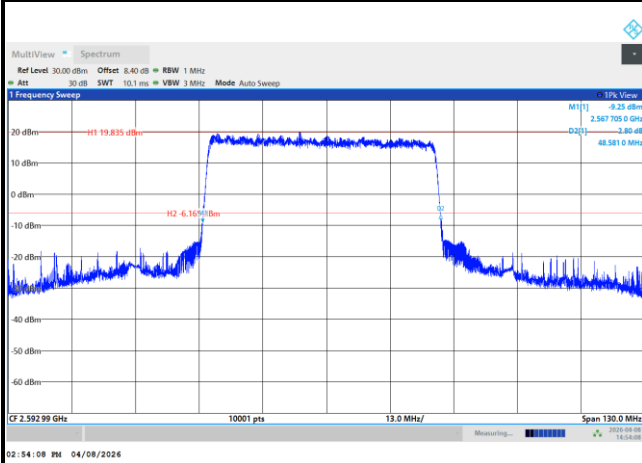
PI/2 BPSK

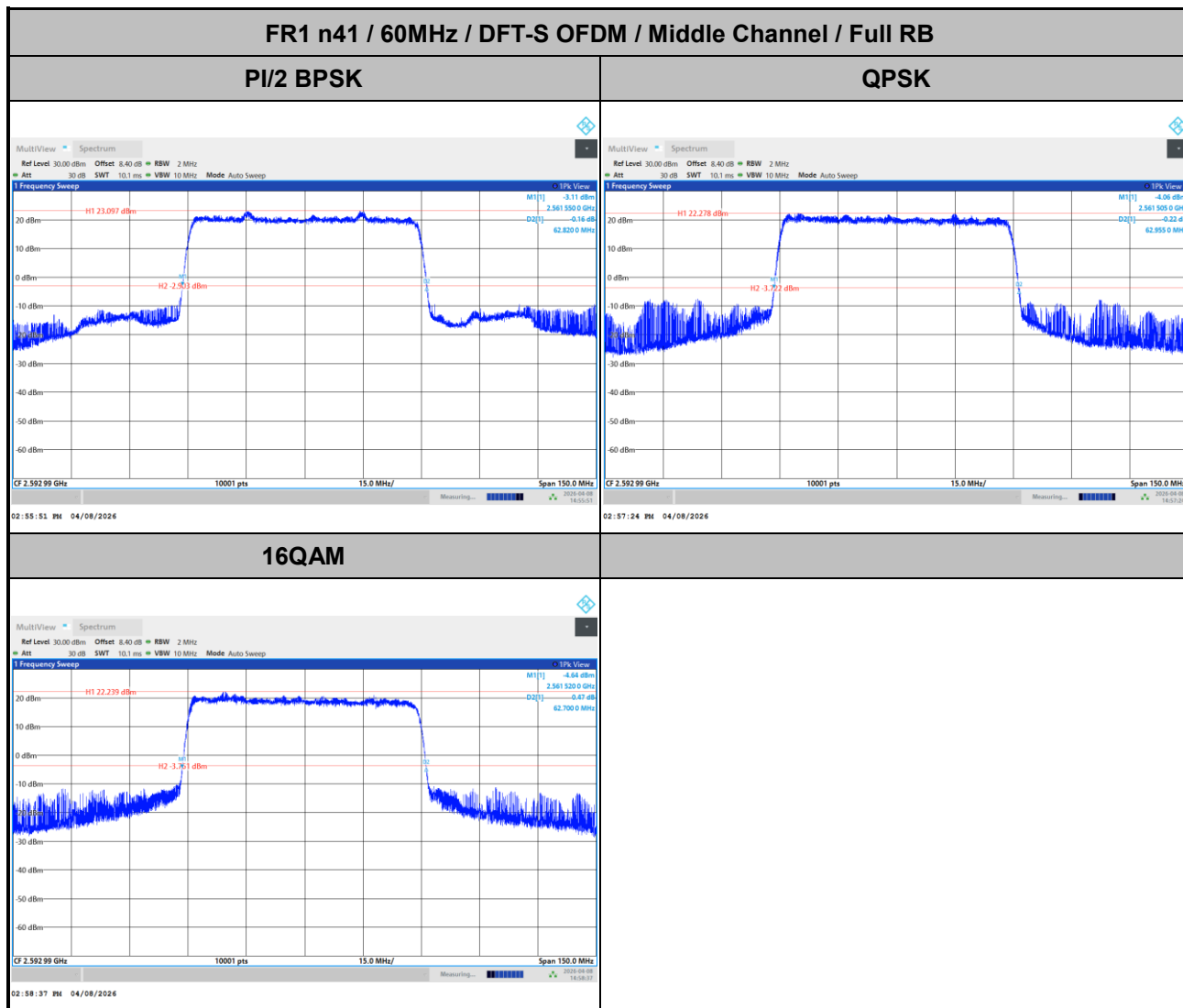


QPSK



16QAM

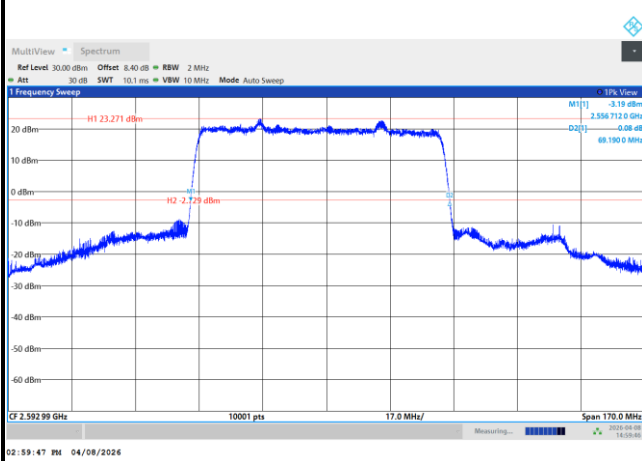




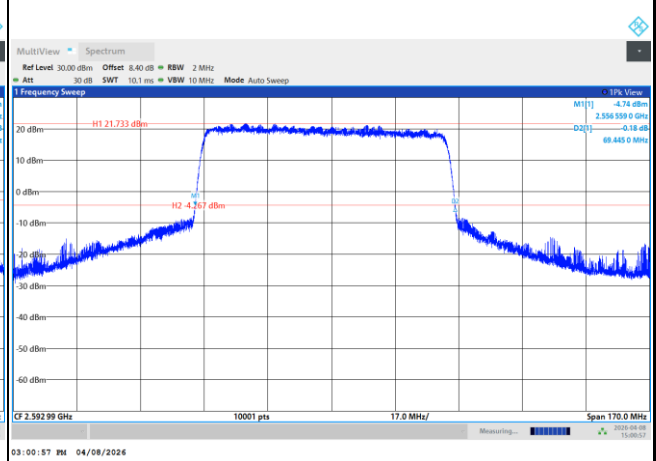


FR1 n41 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

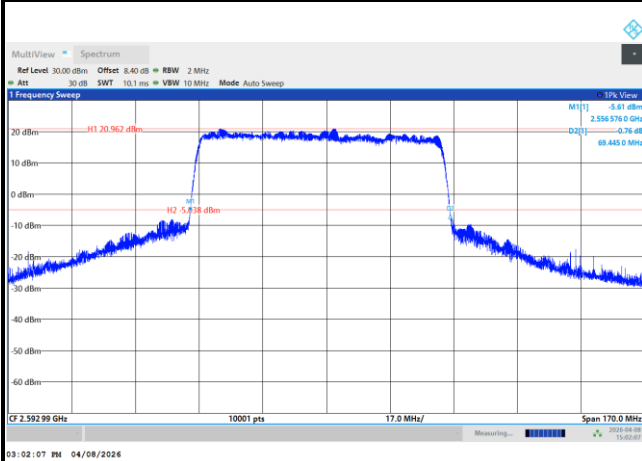
PI/2 BPSK

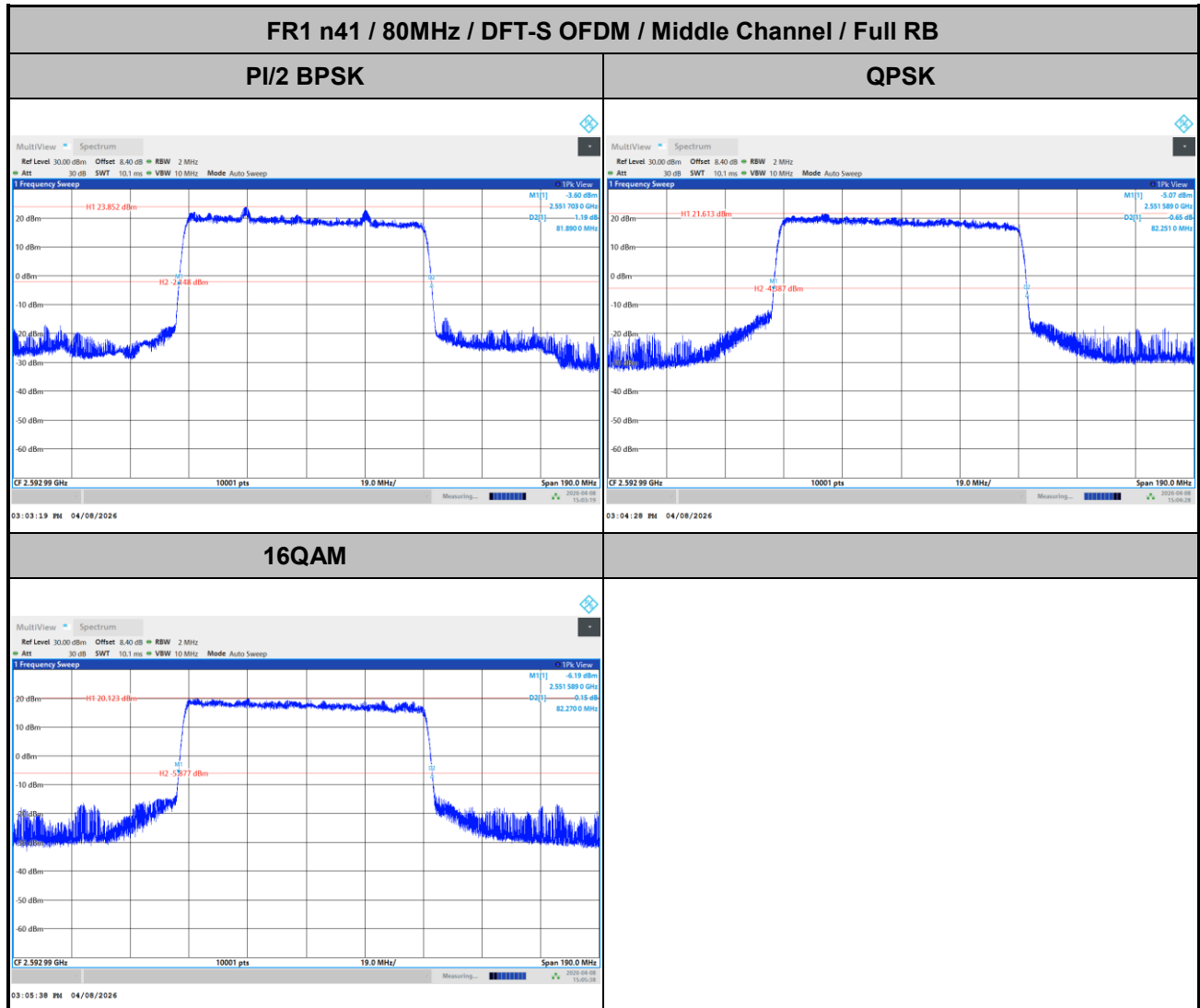


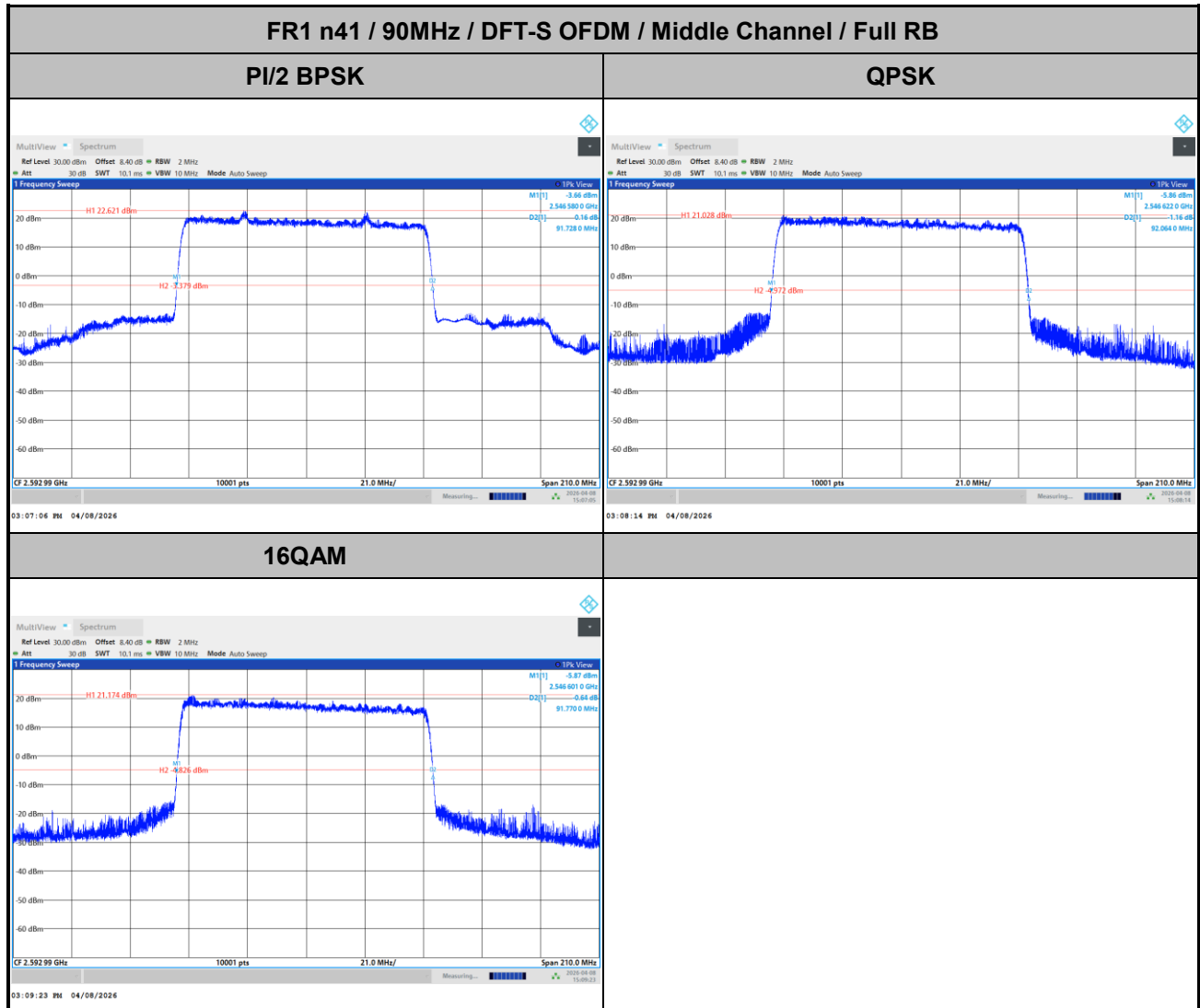
QPSK



16QAM

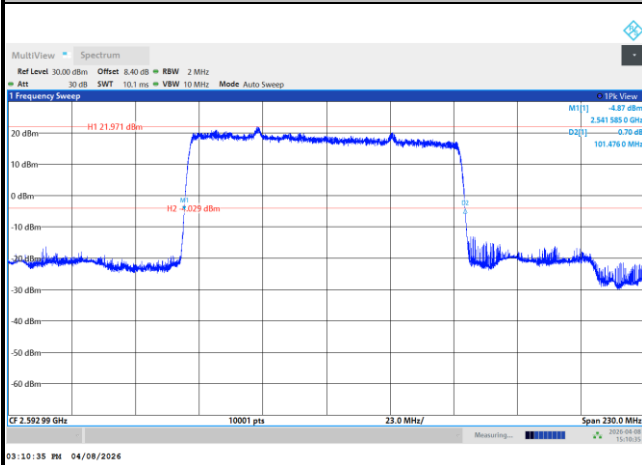




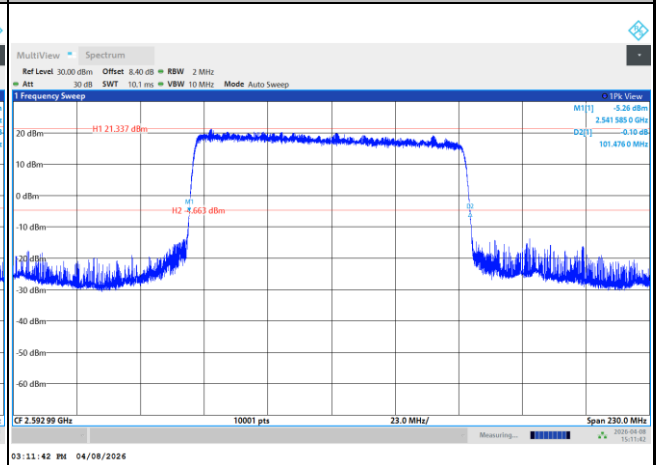




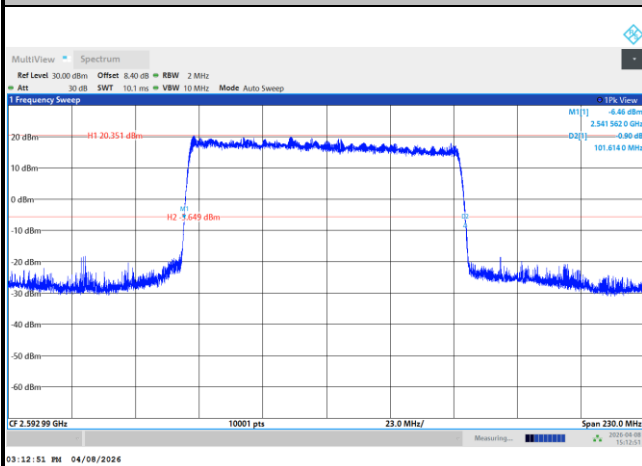
FR1 n41 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



16QAM



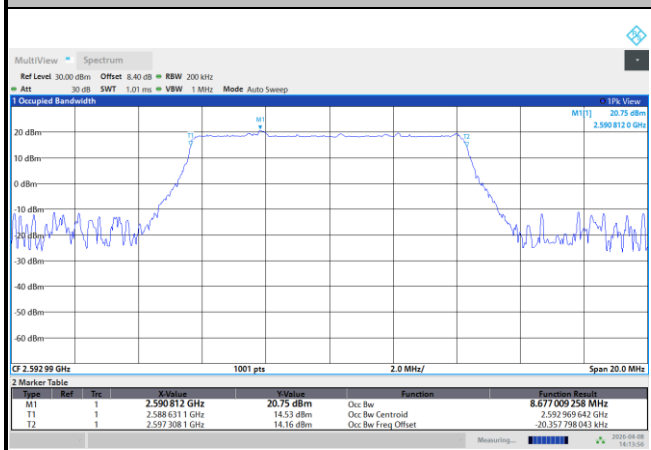
**Occupied Bandwidth**

Mode	FR1 n41 : 99%OBW(MHz) / DFT-S OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	8.67	8.65	12.92	12.93	17.89	17.91	22.94	22.96
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	8.70		12.96		17.97		23.02	
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	27.20	27.22	35.91	35.88	45.93	45.91	58.54	58.83
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	27.26		35.98		45.99		58.63	
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	64.94	64.76	77.28	77.47	87.06	87.01	96.63	96.39
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	64.86		77.58		87.41		96.77	



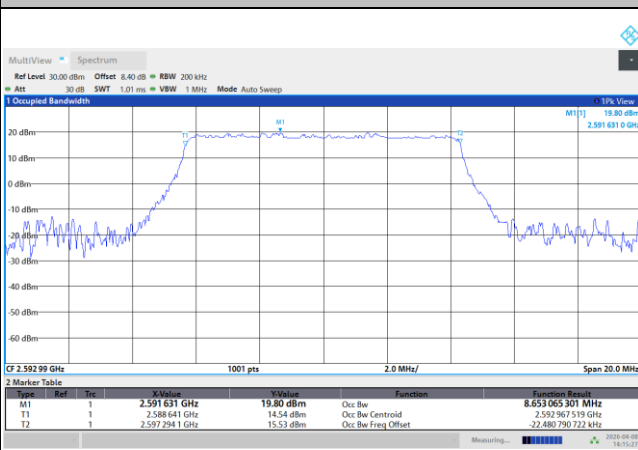
FR1 n41 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



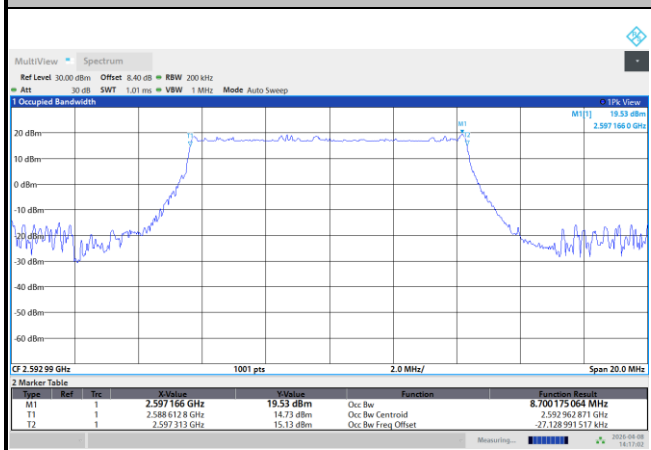
02:13:56 PM 04/08/2026

QPSK



02:15:28 PM 04/08/2026

16QAM

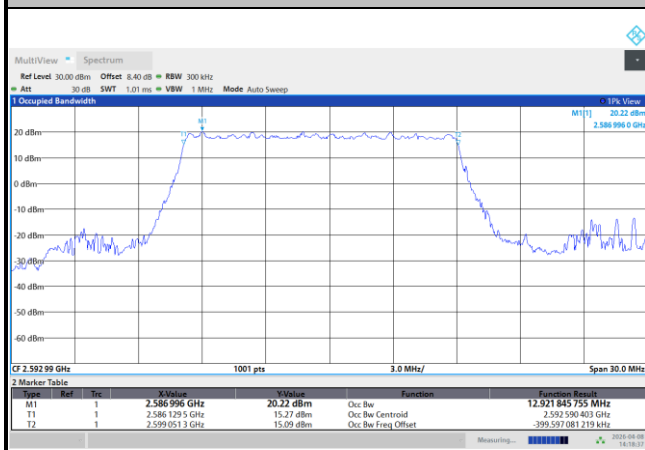


02:17:03 PM 04/08/2026



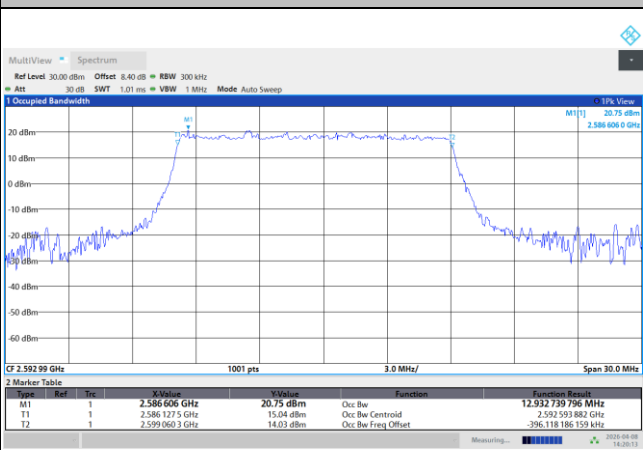
FR1 n41 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

QPSK



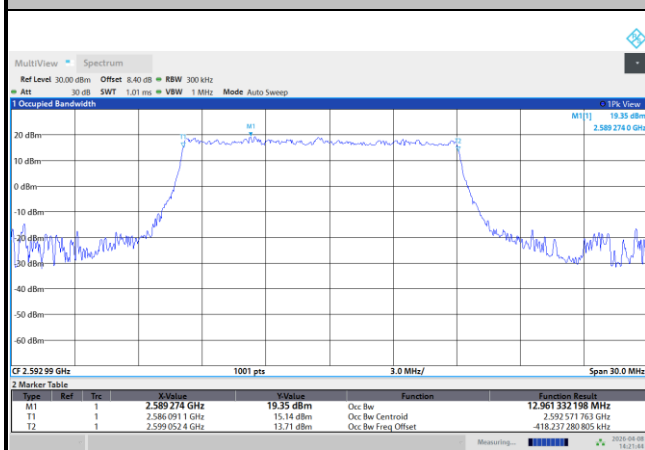
02:18:38 PM 04/08/2026

QPSK



02:20:14 PM 04/08/2026

16QAM



02:21:44 PM 04/08/2026