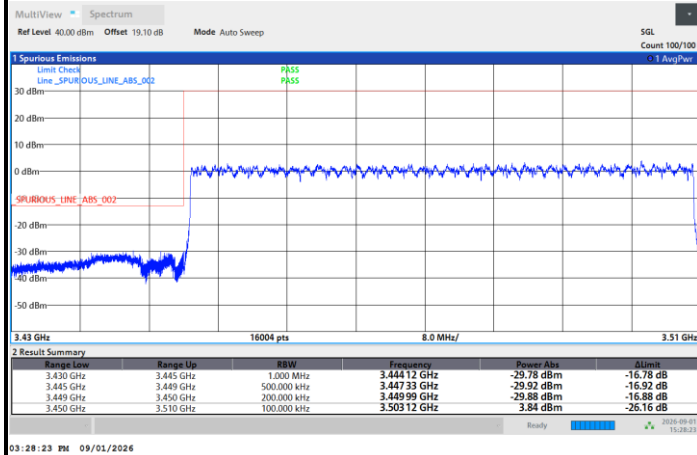


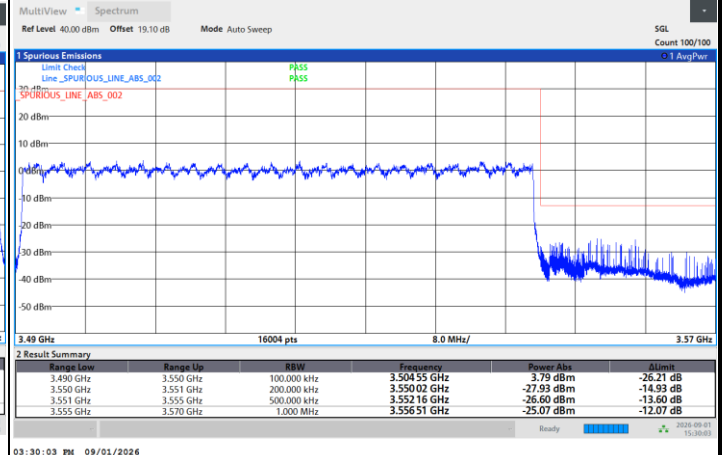


FR1 n77 / 60MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

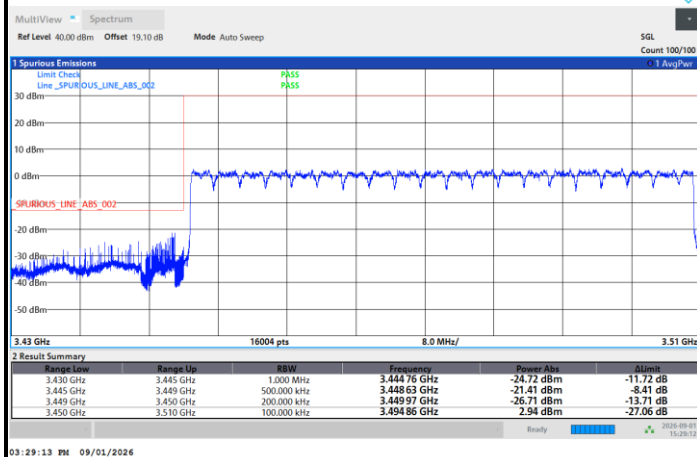


Highest Band Edge / Full RB

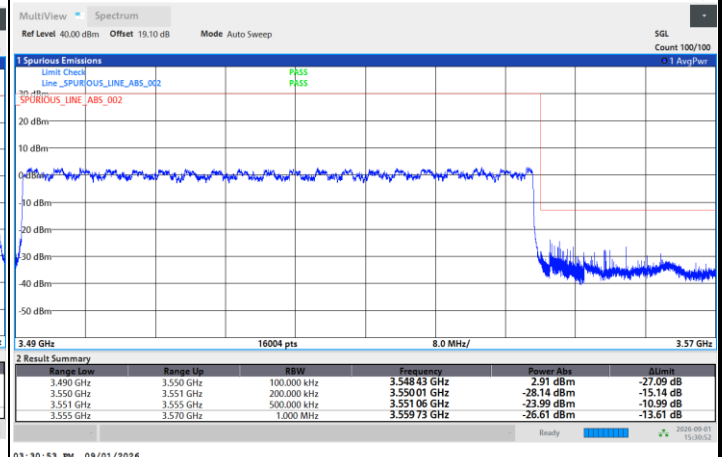


FR1 n77 / 60MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

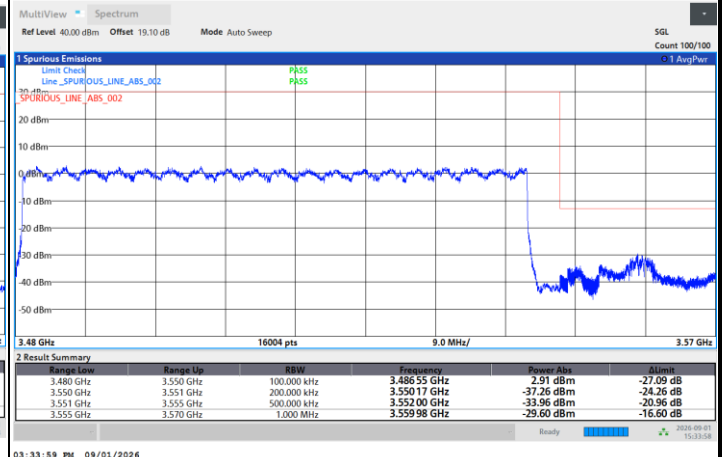
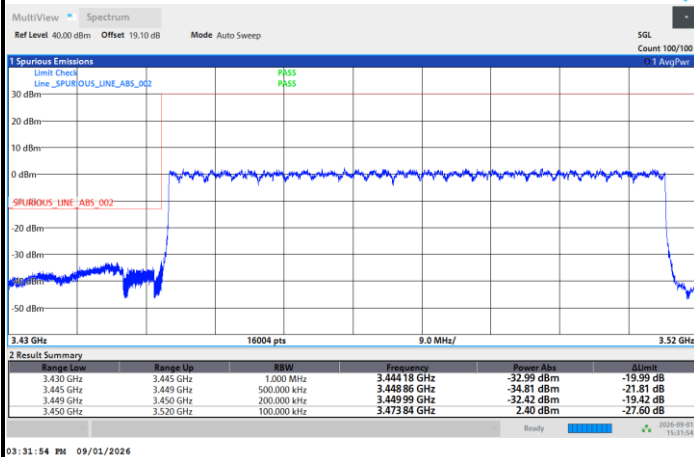




FR1 n77 / 70MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

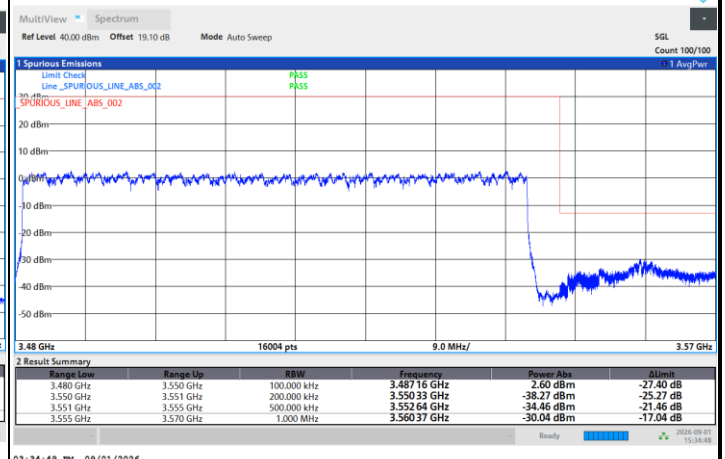
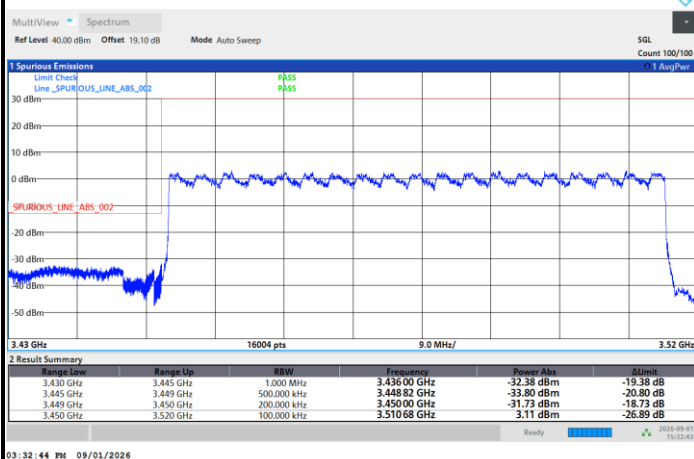
Highest Band Edge / Full RB



FR1 n77 / 70MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB

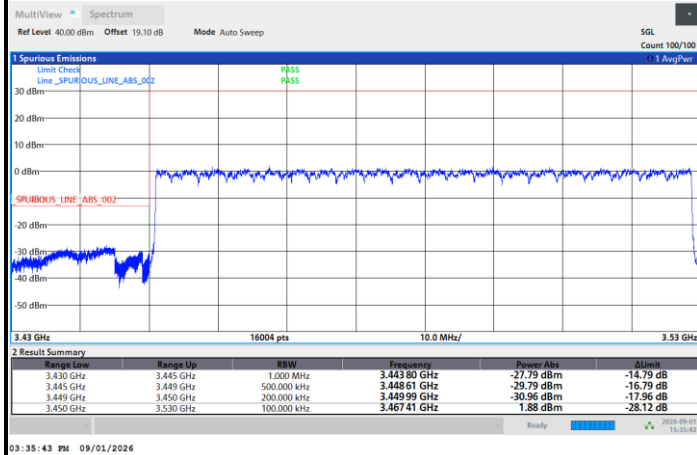
Highest Band Edge / Full RB



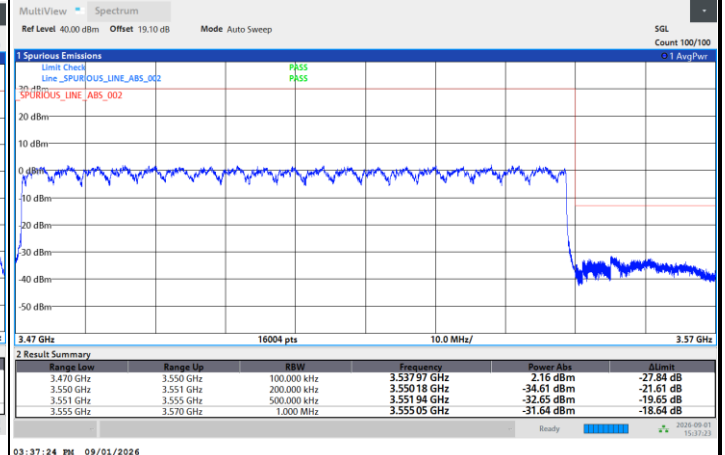


FR1 n77 / 80MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

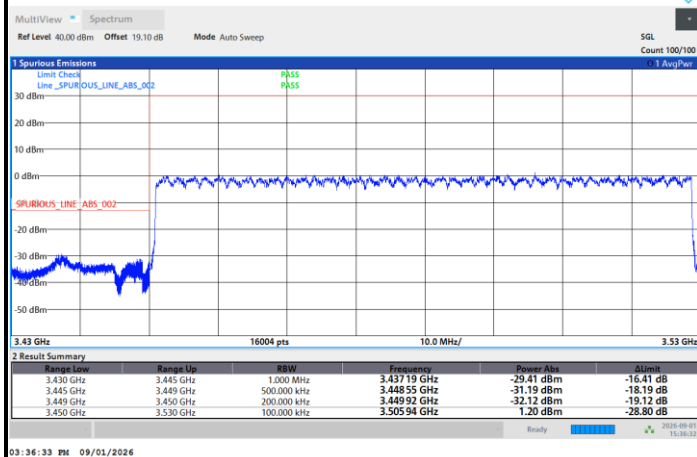


Highest Band Edge / Full RB

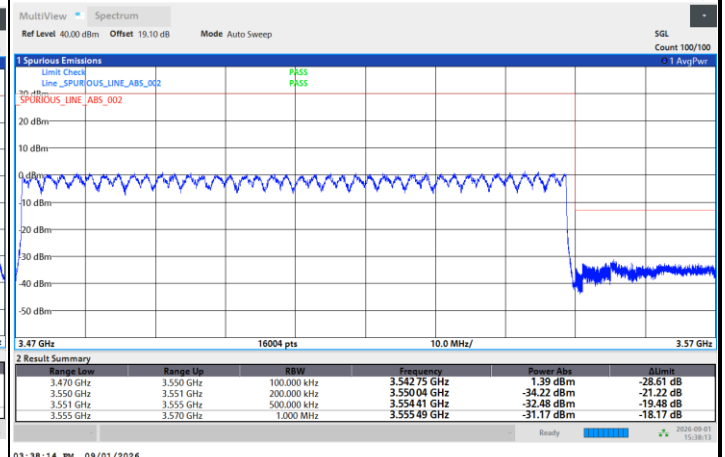


FR1 n77 / 80MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



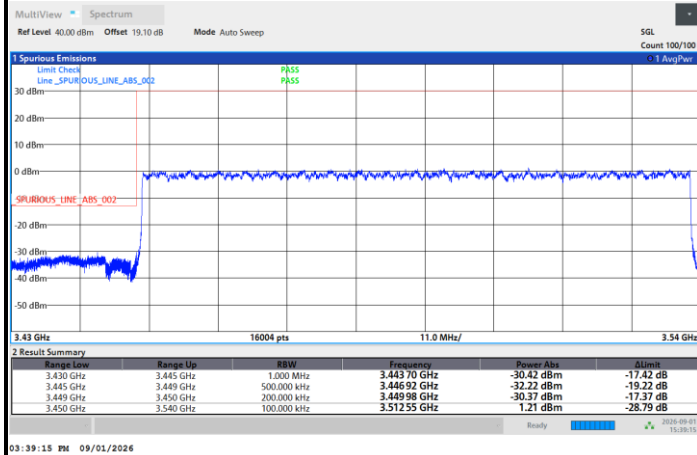
Highest Band Edge / Full RB



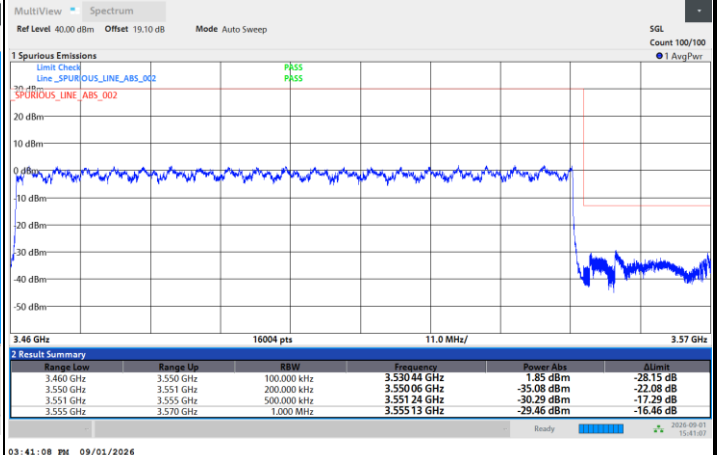


FR1 n77 / 90MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

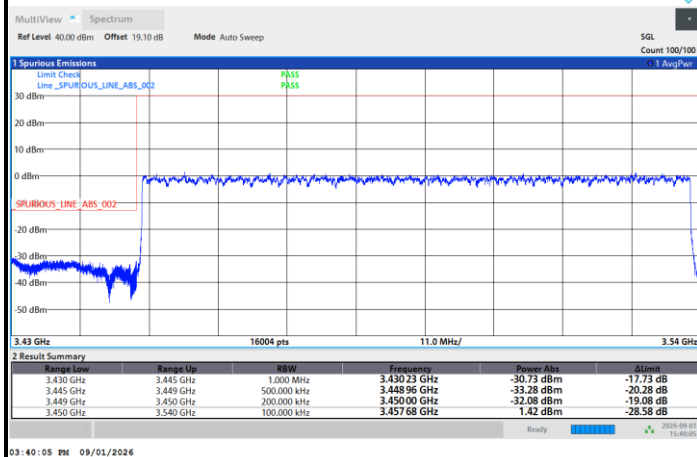


Highest Band Edge / Full RB

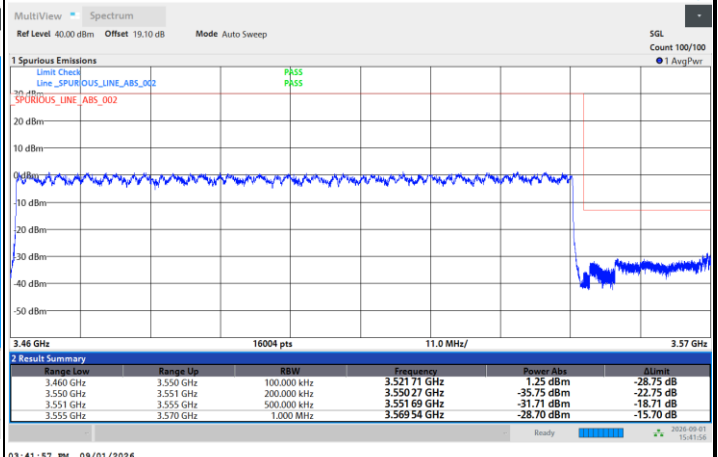


FR1 n77 / 90MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

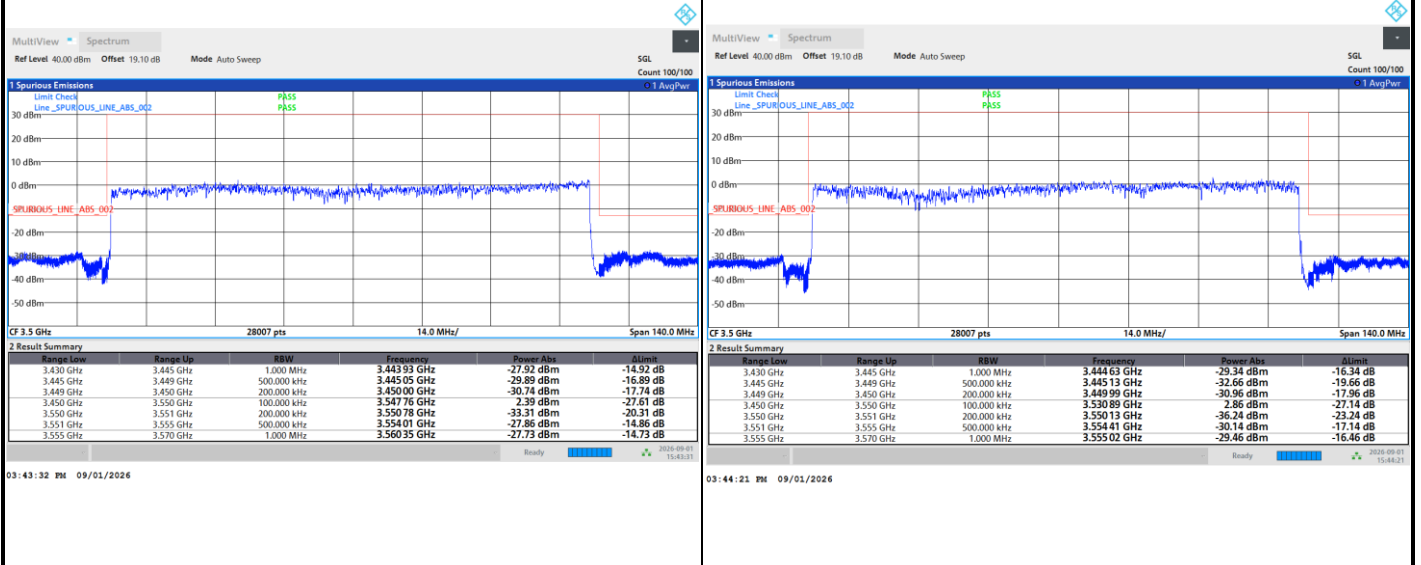




FR1 n77 / 100MHz / DFT-S OFDM

Middle Band Edge / Full RB / PI/2 BPSK

Middle Band Edge / Full RB / QPSK

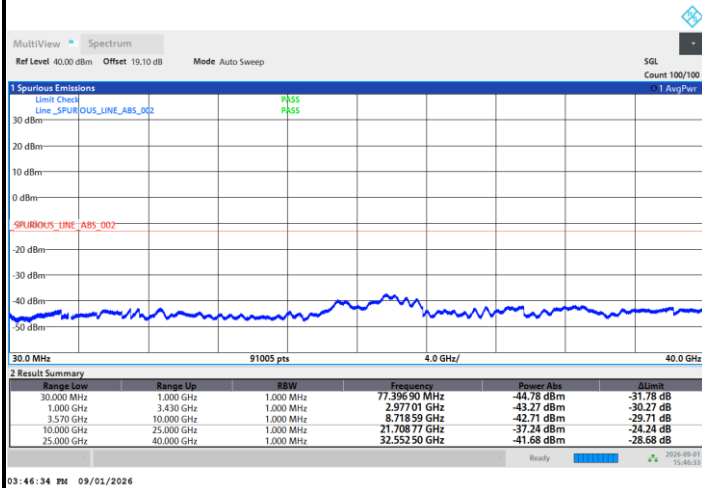




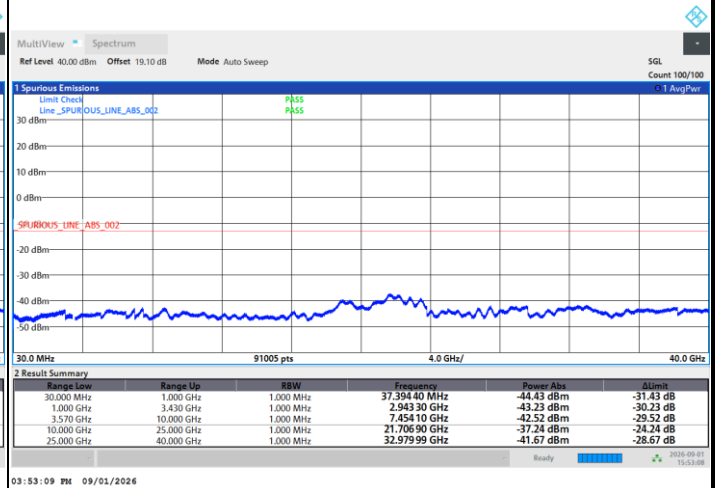
Conducted Spurious Emission

FR1 n77 / 10MHz / DFT-S OFDM / QPSK / 1RB1

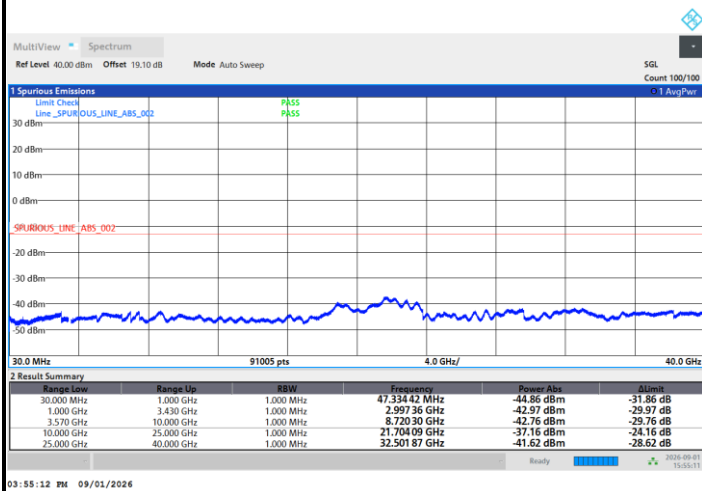
Lowest Channel



Middle Channel



Highest Channel



**Frequency Stability**

Test Conditions		FR1 n77 (BPSK) / Middle Channel 10M			
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Frequency Offset (Δf) (Hz)	Within Authorized Frequency Block(Hz)	Result
50	Normal Voltage	0.0051	-17.9	Yes	PASS
40	Normal Voltage	0.0022	-7.6	Yes	
30	Normal Voltage	0.0008	-2.7	Yes	
20(Ref.)	Normal Voltage	0.0000	0	Yes	
10	Normal Voltage	0.0034	-11.9	Yes	
0	Normal Voltage	0.0005	-1.7	Yes	
-10	Normal Voltage	0.0027	-9.4	Yes	
-20	Normal Voltage	0.0017	-6	Yes	
-30	Normal Voltage	0.0045	-15.6	Yes	
20	Maximum Voltage	0.0015	-5.1	Yes	
20	Normal Voltage	0.0000	0	Yes	
20	Minimum Voltage	0.0024	-8.5	Yes	

Note:

1. Normal Voltage = 3.75 V. ; Minimum Voltage = 3.5 V. ; Maximum Voltage = 4.57 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 n41C for Main PA---ANT3

26dB Bandwidth

Mode	FR1 n41C : 26dB BW(MHz) / DFT-S OFDM							
BW	10M100M		15M100M		15M90M		20M100M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	109.02	109.27	113.36	113.49	103.68	103.77	119.04	119.15
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	109.05		113.41		103.63		118.98	
BW	20M90M		30M100M		30M90M		30M80M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	109.20	109.35	128.12	128.26	118.39	118.42	108.65	109.05
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	109.27		128.26		118.34		108.65	
BW	40M100M		40M90M		40M80M		50M100M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	136.98	136.92	127.28	127.42	117.74	117.88	147.37	147.34
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	137.17		127.45		117.77		147.27	
BW	50M90M		50M80M		50M60M		60M100M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	137.67	137.73	128.18	128.09	108.85	108.80	159.60	159.28
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	137.67		128.03		108.87		159.25	



Mode	FR1 n41C : 26dB BW(MHz) / DFT-S OFDM							
BW	60M90M		60M80M		60M60M		60M50M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	149.82	149.91	140.33	140.18	120.98	121.09	108.82	108.75
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	149.98		140.27		121.04		108.77	
BW	80M100M		80M90M		80M80M		80M60M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	178.73	178.97	169.23	169.57	159.84	159.95	140.27	140.15
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	179.12		169.49		159.81		140.39	
BW	80M50M		80M40M		80M30M		90M100M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	127.97	128.06	117.99	117.82	108.90	108.97	188.55	189.01
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	128.18		118.09		108.87		188.92	
BW	90M90M		90M80M		90M60M		90M50M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	179.36	179.08	169.42	169.64	149.75	150.21	137.67	137.85
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	179.28		169.53		150.11		137.85	

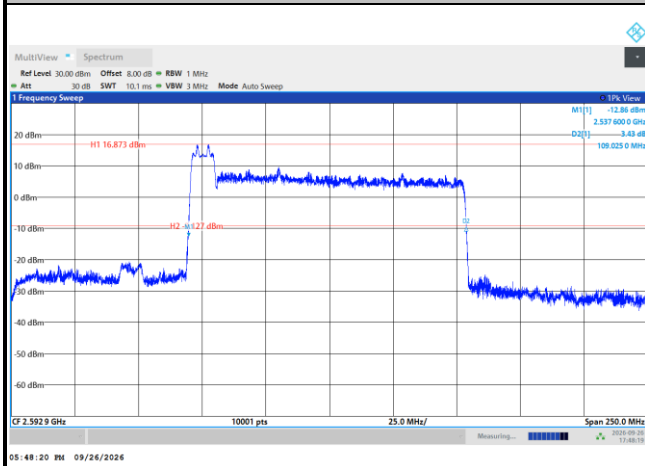


Mode	FR1 n41C : 26dB BW(MHz) / DFT-S OFDM							
BW	90M40M		90M30M		90M20M		100M90M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	127.60	127.71	118.80	118.77	109.32	109.45	188.64	188.68
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	127.68		118.88		109.45		188.72	
BW	100M80M		100M60M		100M50M		100M40M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	179.08	179.04	159.63	159.56	147.34	147.21	137.02	137.20
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	178.93		159.56		147.57		137.29	
BW	100M30M		100M20M		100M15M		100M10M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	128.44	128.35	119.07	119.07	113.62	113.67	109.35	109.30
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	128.41		119.15		113.49		109.32	

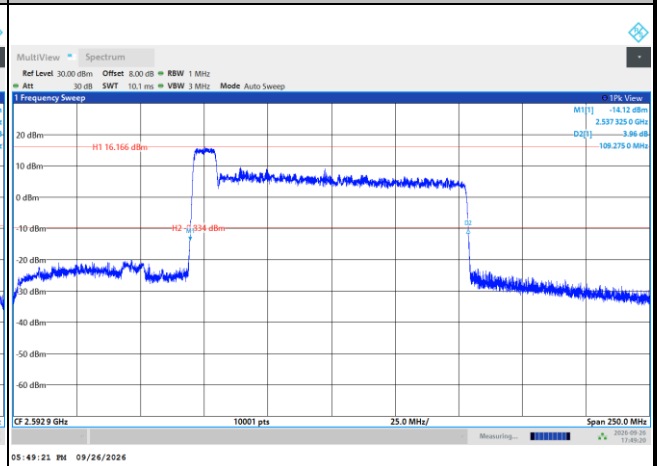


FR1 n41C / 10M100M / DFT-S OFDM / Middle Channel / Full RB

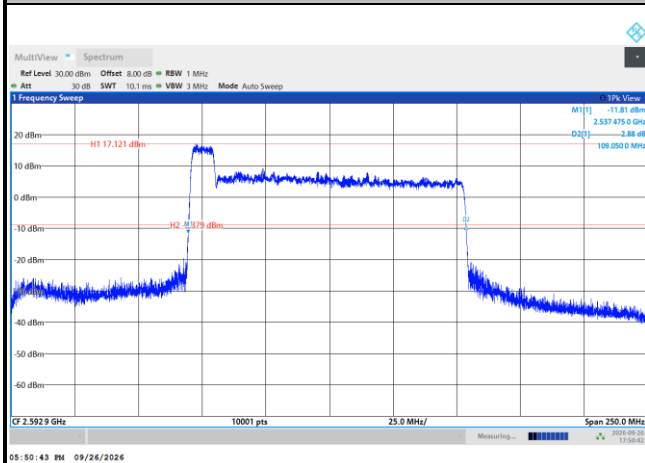
PI/2 BPSK



QPSK



16QAM

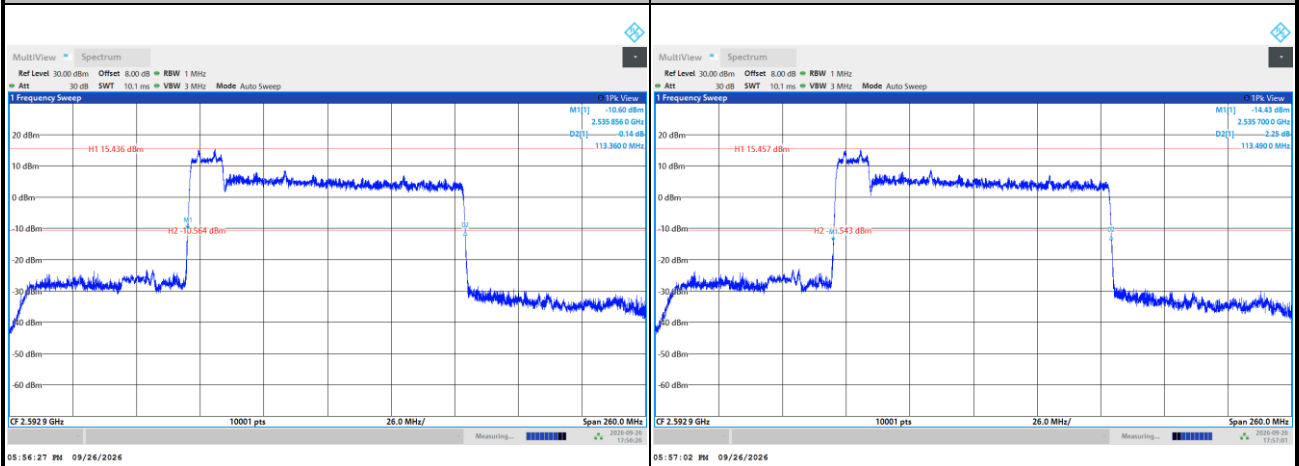




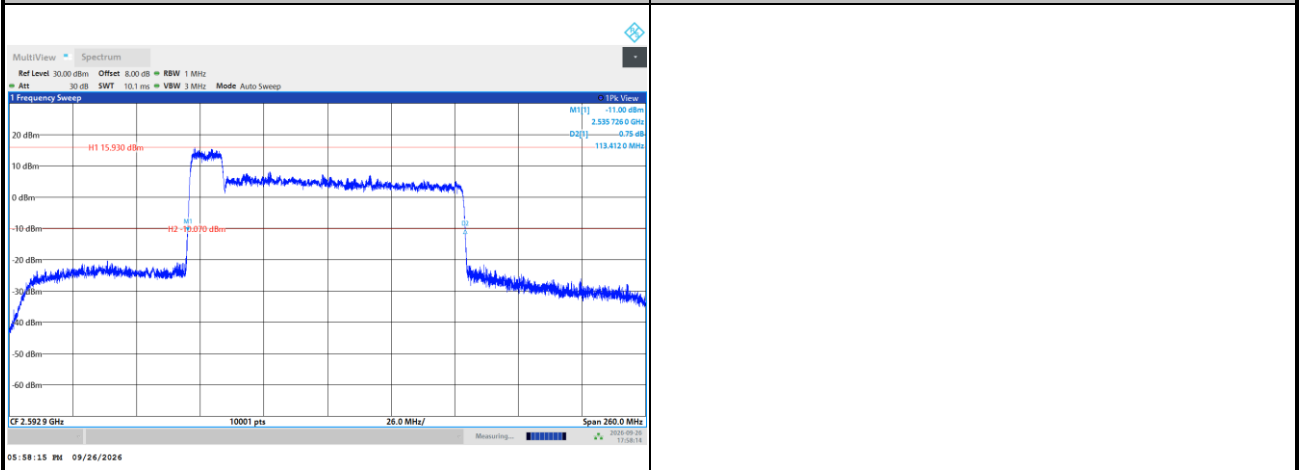
FR1 n41C / 15M100M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



16QAM

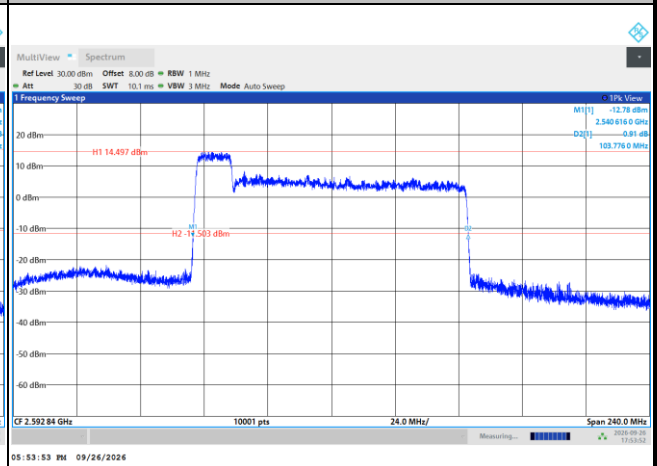
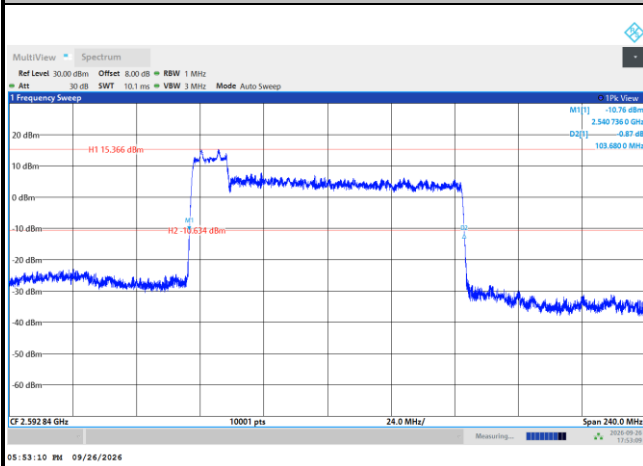




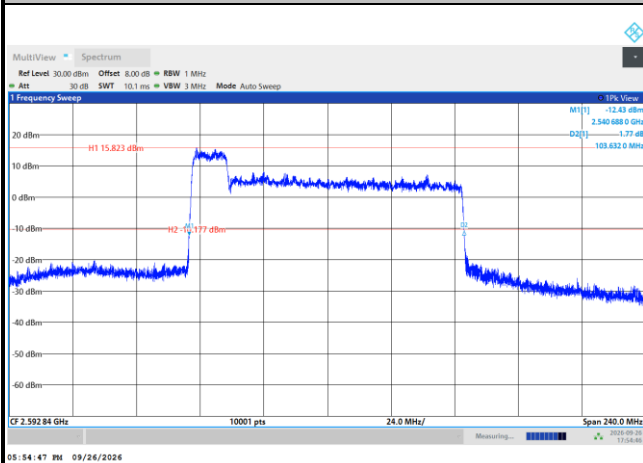
FR1 n41C / 15M90M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



16QAM

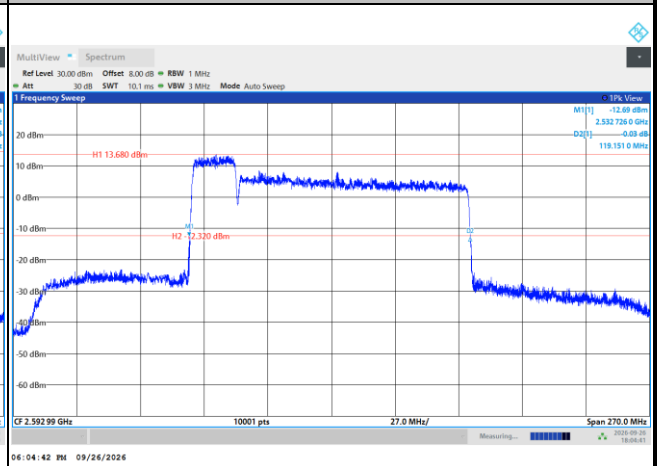
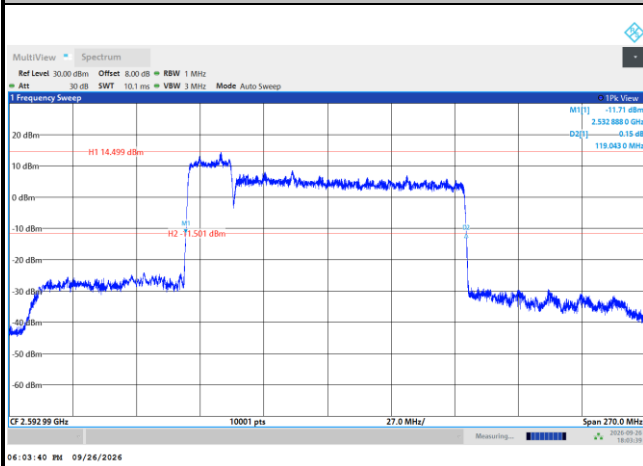




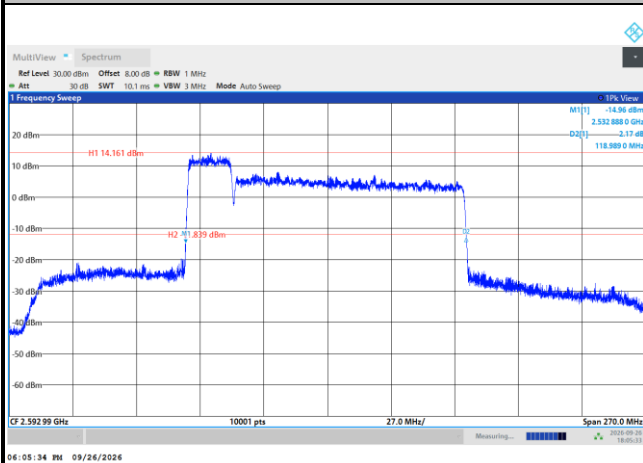
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PI/2 BPSK

QPSK



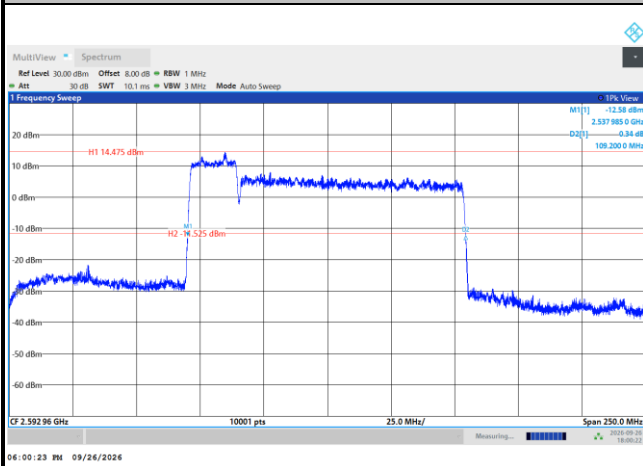
16QAM





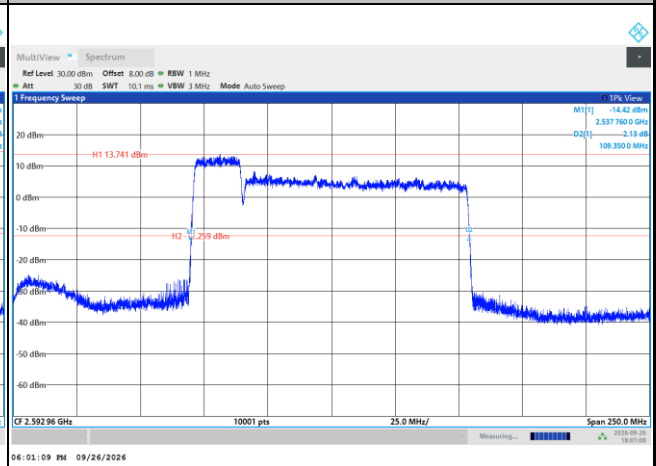
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PI/2 BPSK



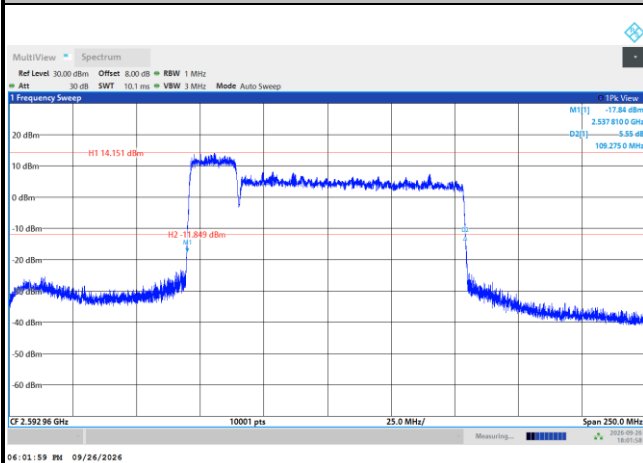
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QPSK



06:01:09 PM 09/26/2026

16QAM



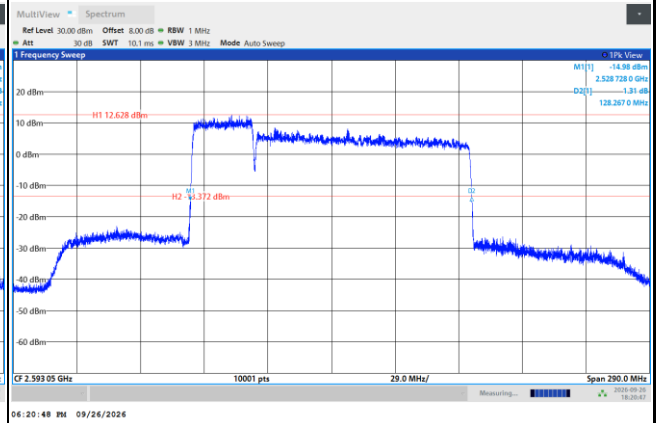
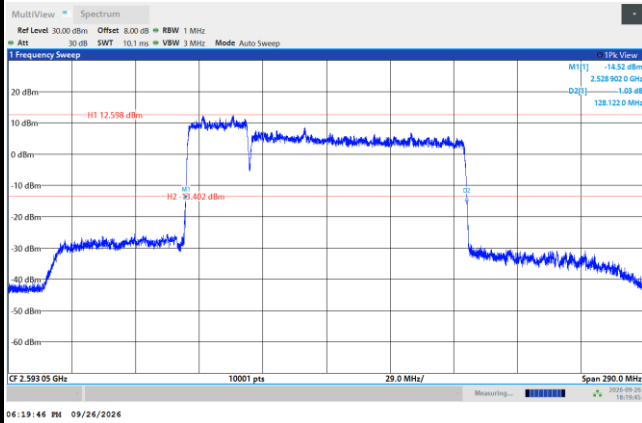
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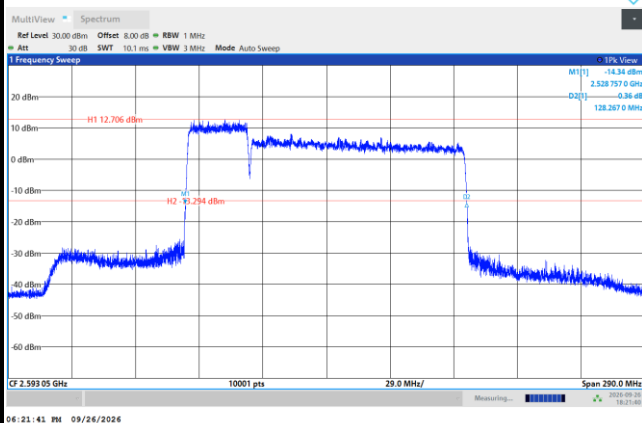
FR1 n41C / 30M100M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



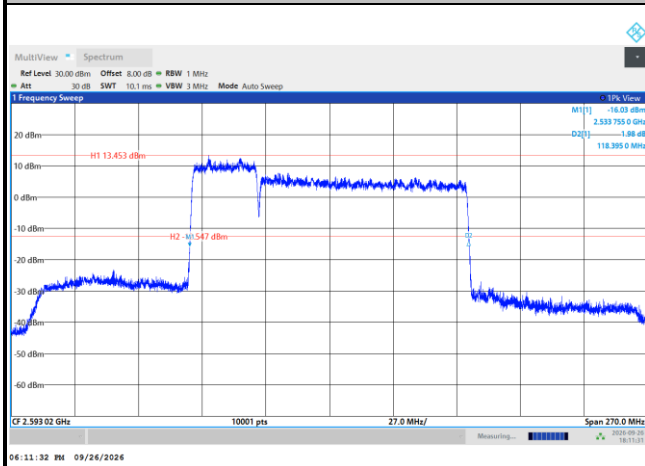
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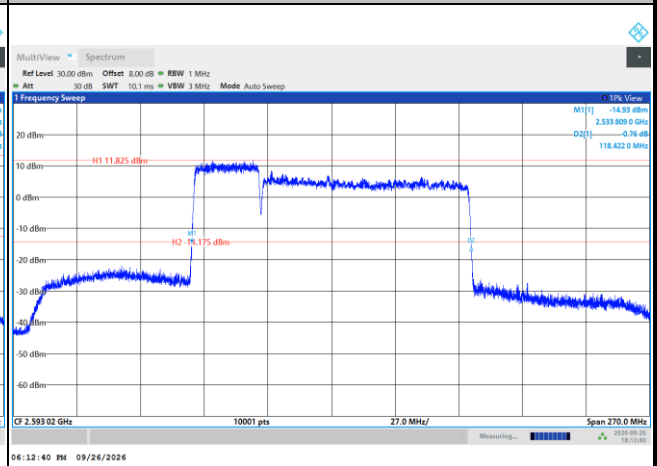


FR1 n41C / 30M90M / DFT-S OFDM / Middle Channel / Full RB

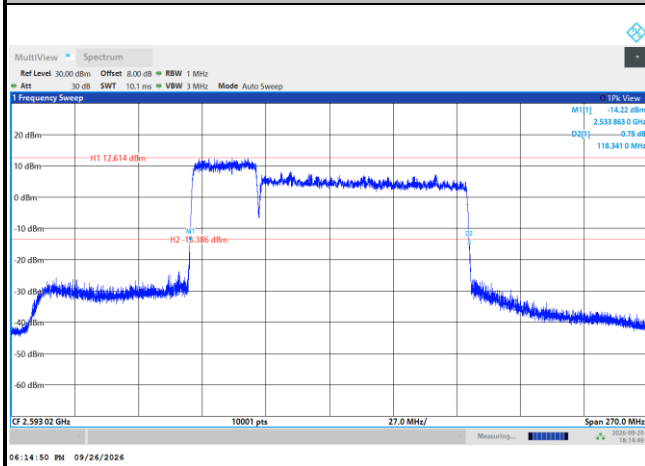
PI/2 BPSK



QPSK



16QAM

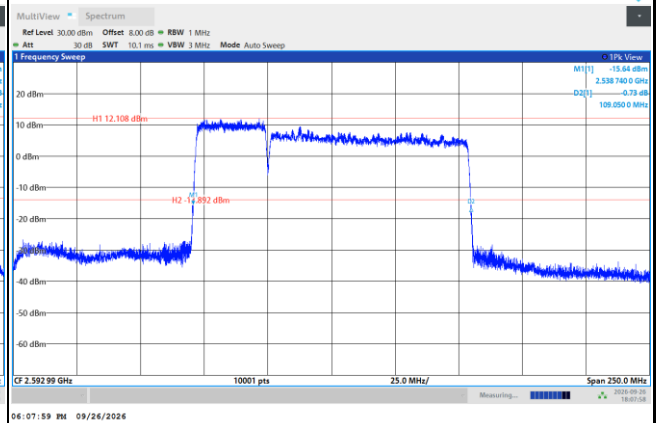
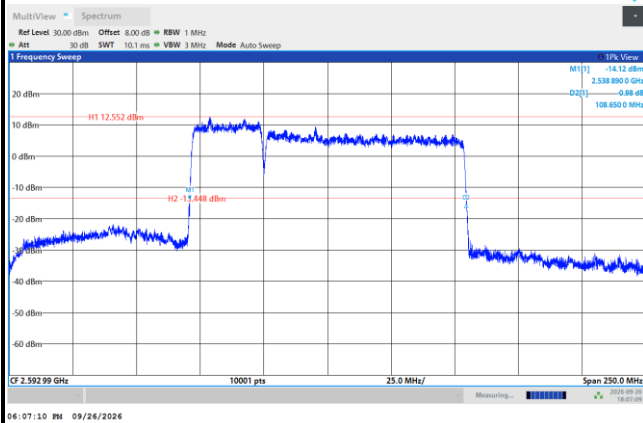




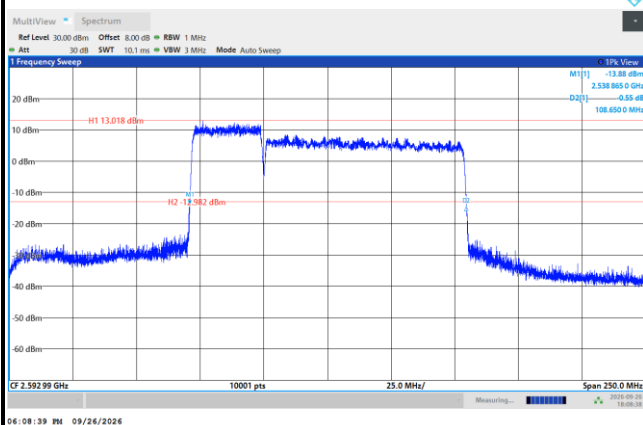
FR1 n41C / 30M80M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



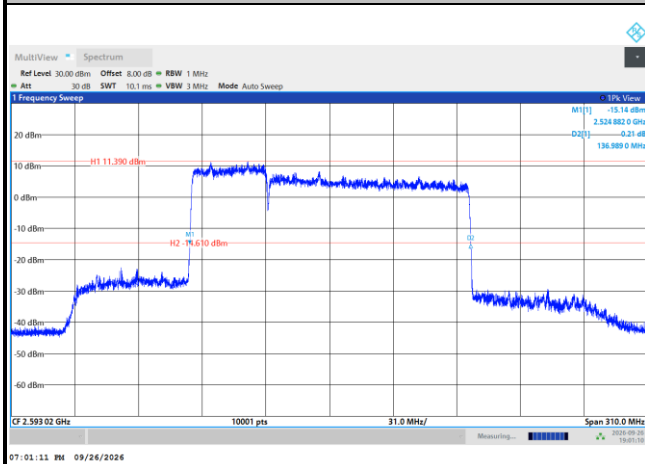
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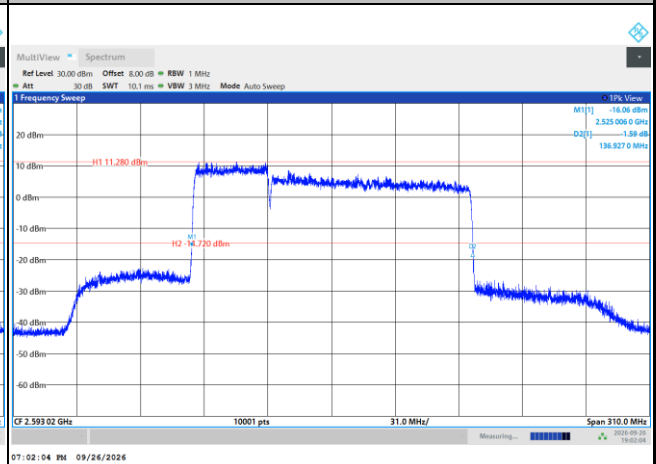


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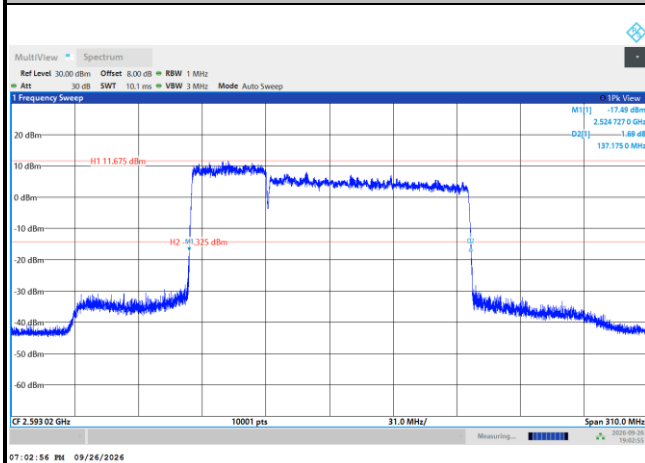
PI/2 BPSK



QPSK



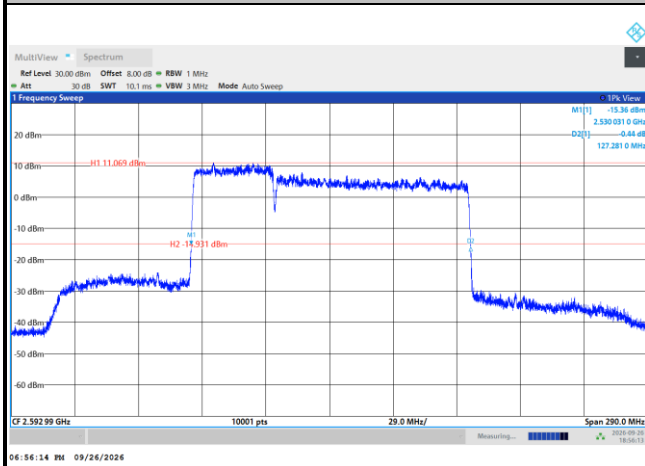
16QAM



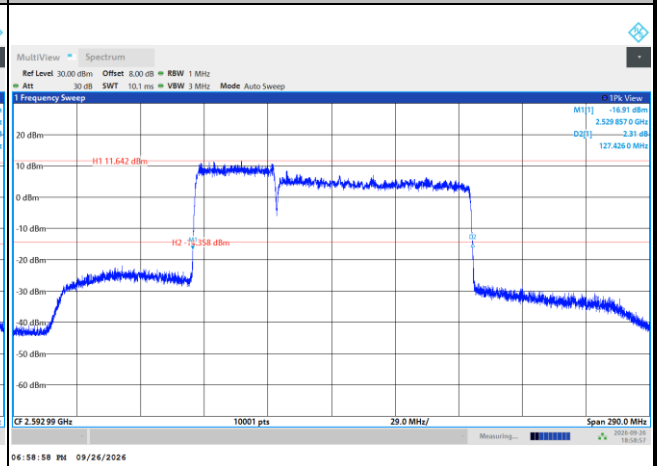


FR1 n41C / 40M90M / DFT-S OFDM / Middle Channel / Full RB

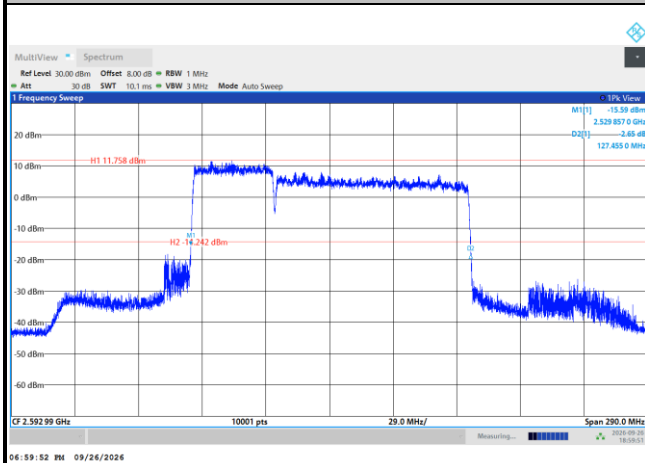
PI/2 BPSK



QPSK



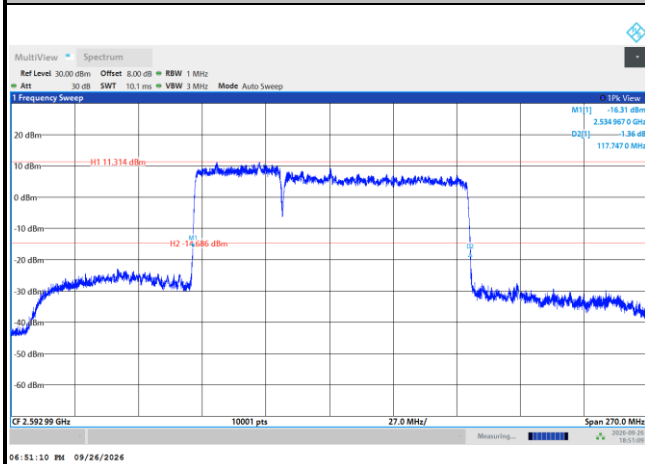
16QAM



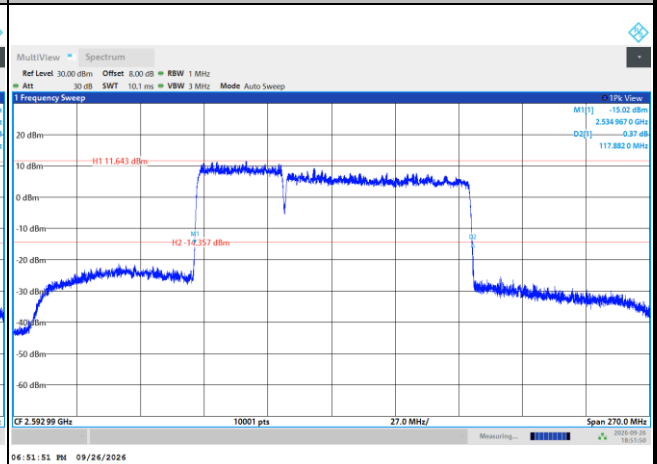


FR1 n41C / 40M80M / DFT-S OFDM / Middle Channel / Full RB

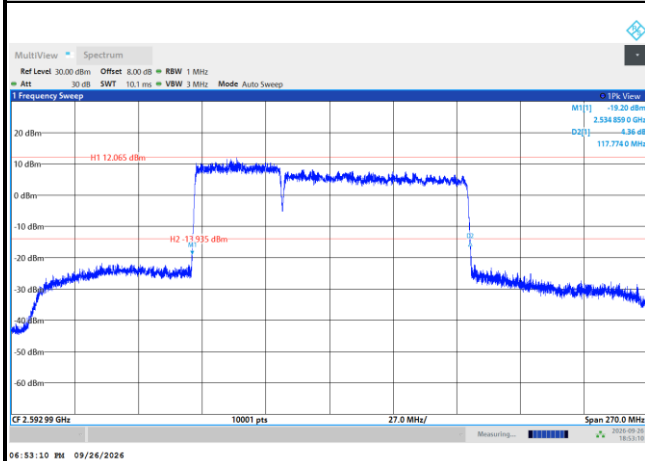
PI/2 BPSK



QPSK



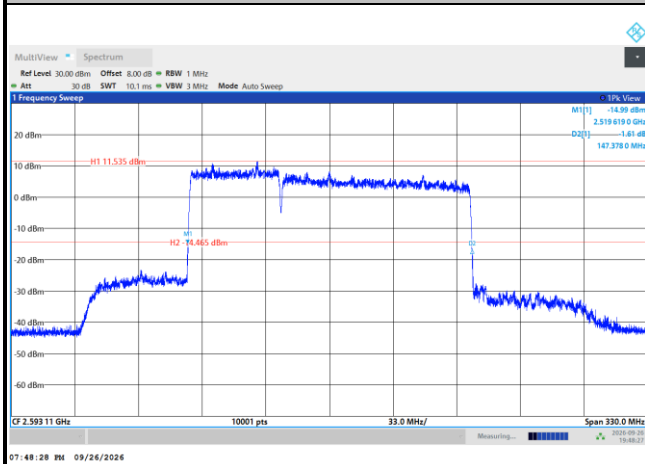
16QAM



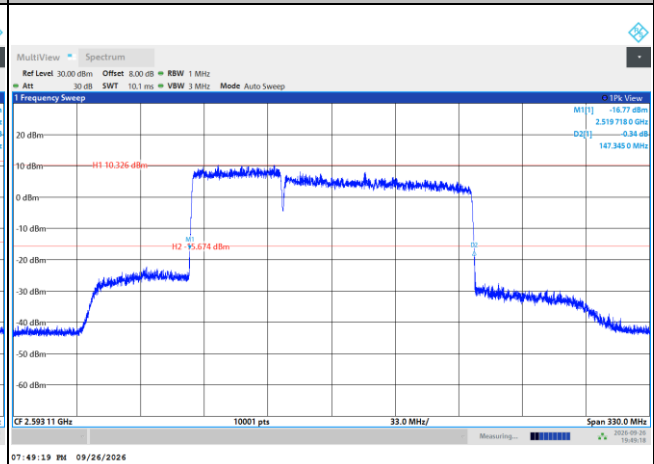


FR1 n41C / 50M100M / DFT-S OFDM / Middle Channel / Full RB

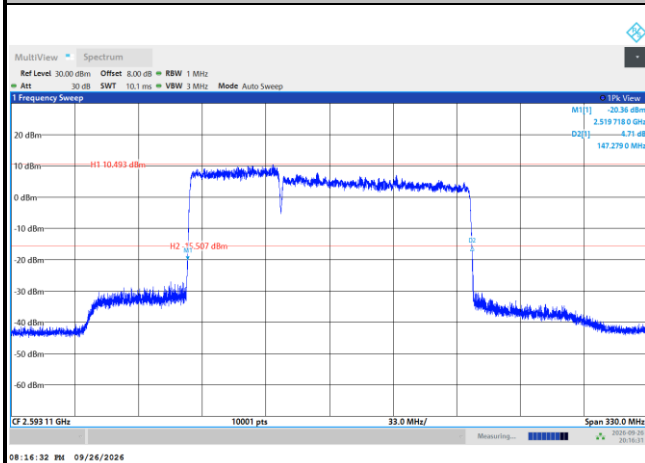
PI/2 BPSK

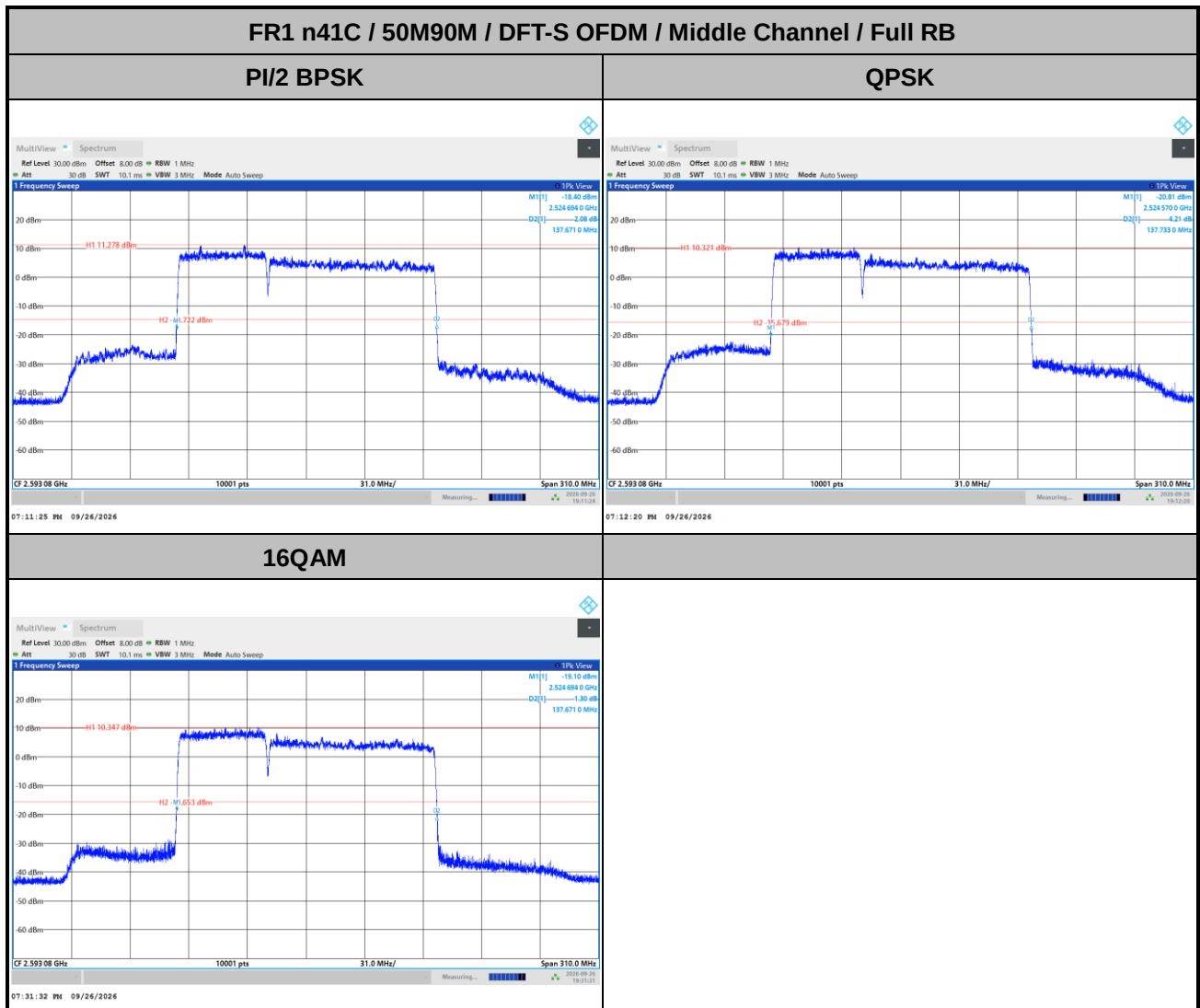


QPSK



16QAM

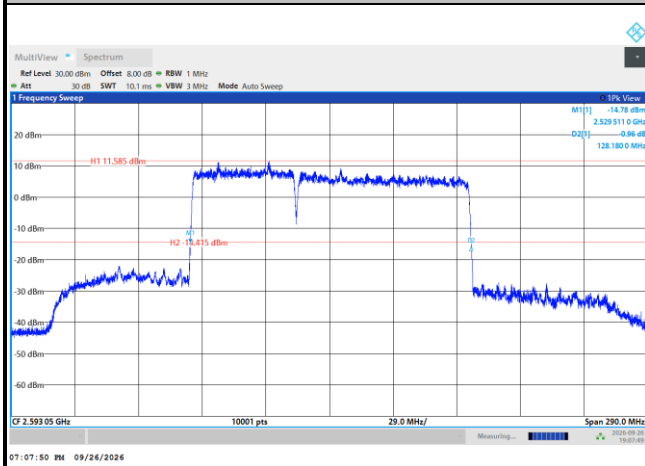




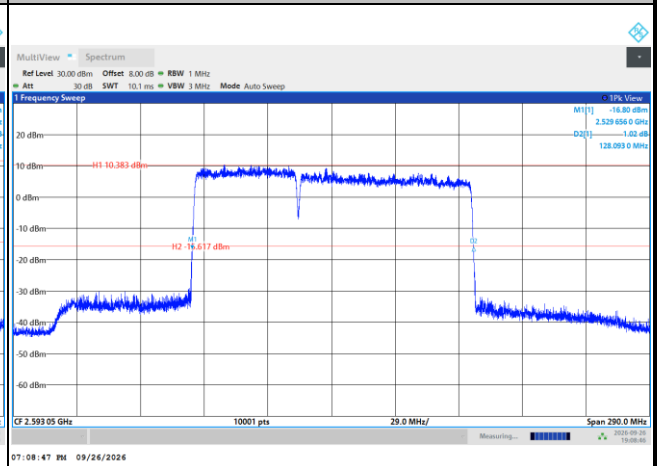


FR1 n41C / 50M80M / DFT-S OFDM / Middle Channel / Full RB

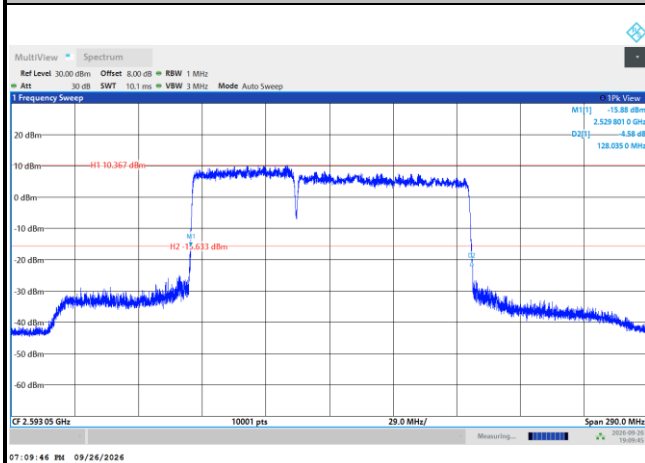
PI/2 BPSK



QPSK



16QAM

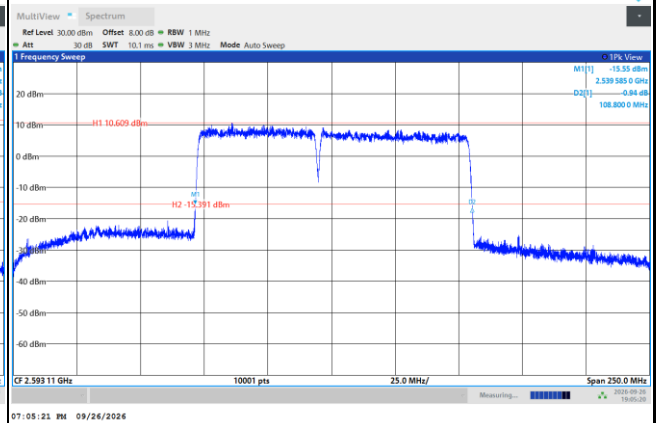
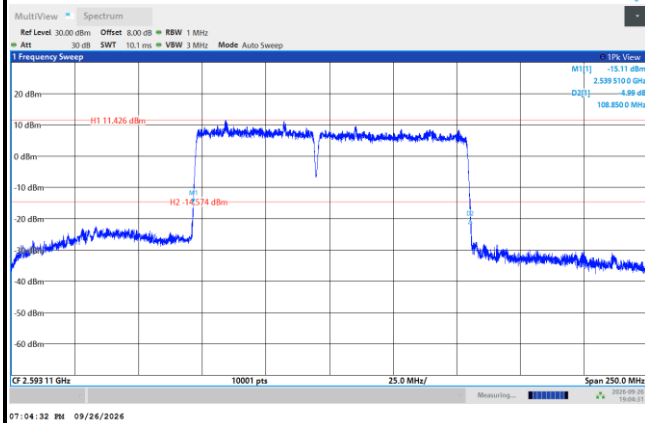




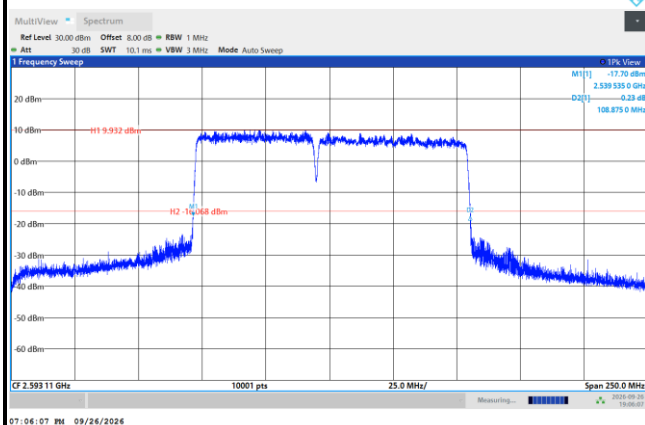
FR1 n41C / 50M60M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



16QAM





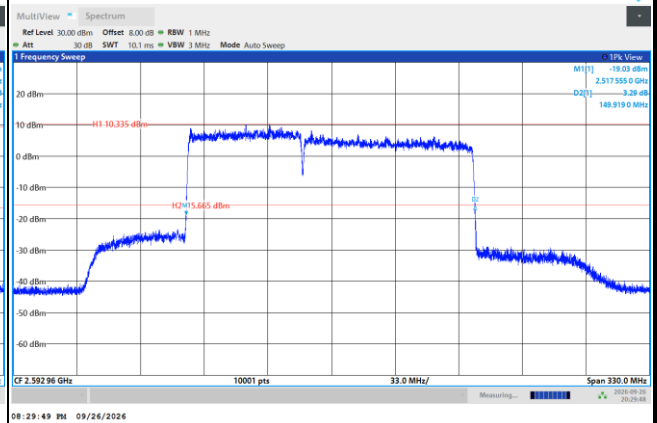
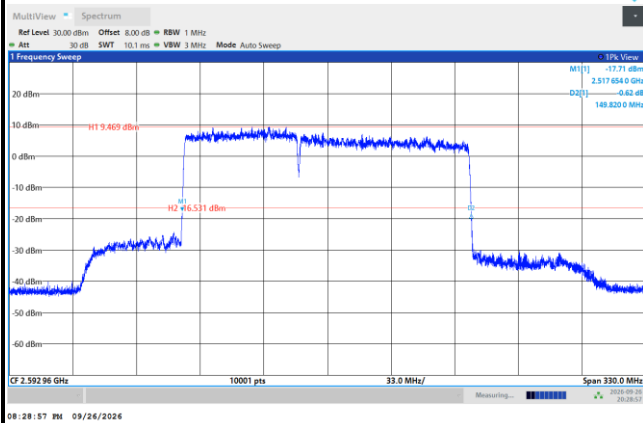
16QAM



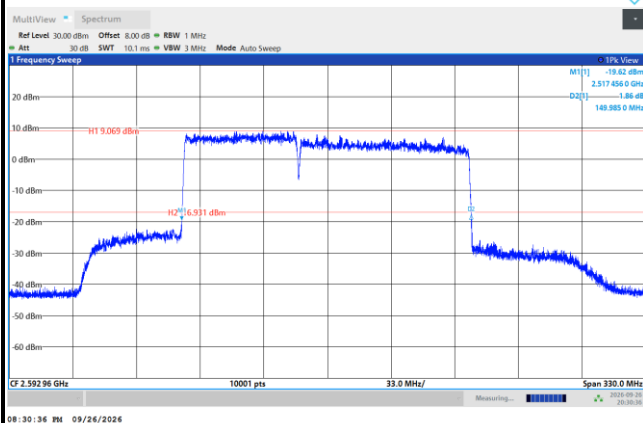
FR1 n41C / 60M90M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



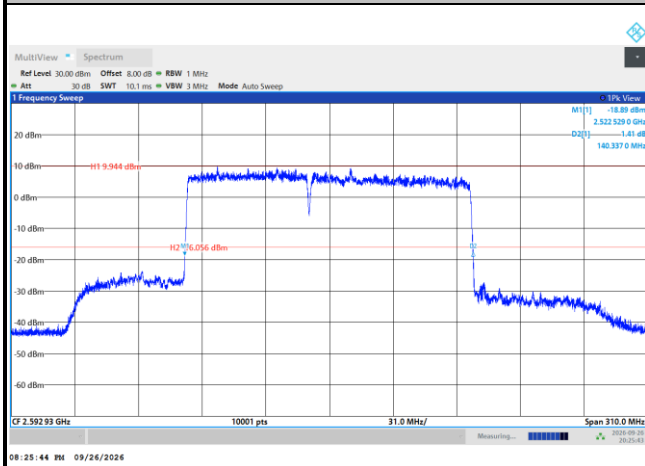
16QAM



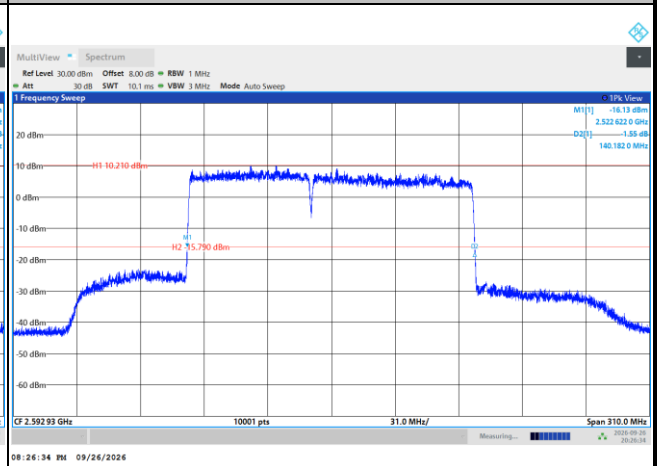


FR1 n41C / 60M80M / DFT-S OFDM / Middle Channel / Full RB

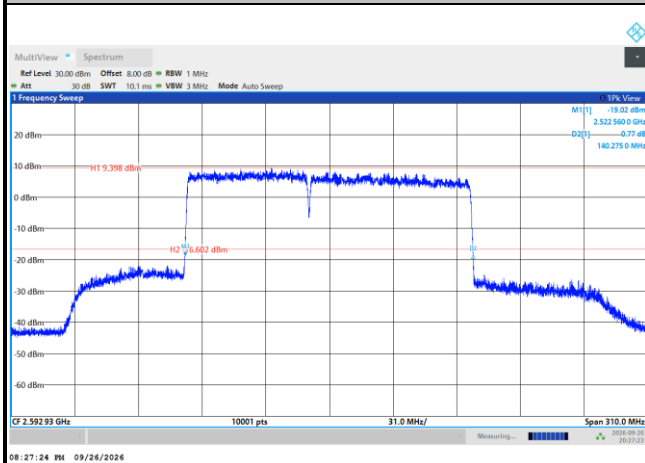
PI/2 BPSK



QPSK



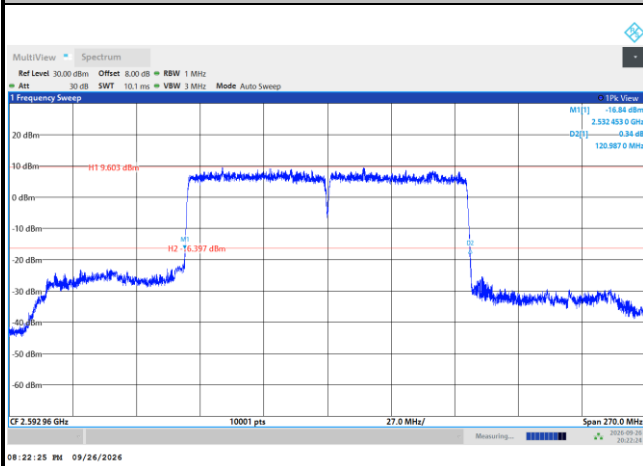
16QAM



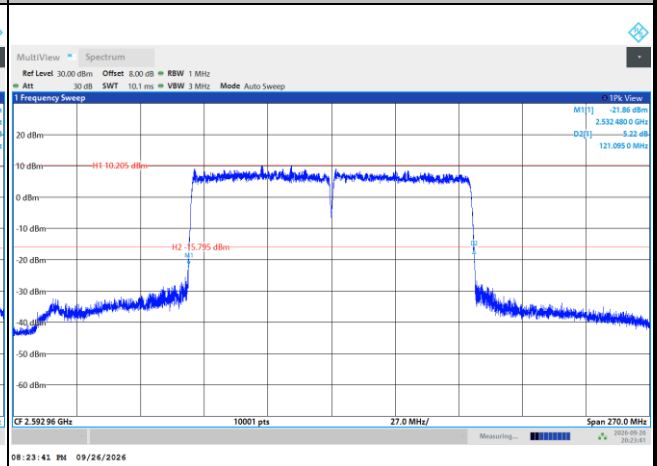


FR1 n41C / 60M60M / DFT-S OFDM / Middle Channel / Full RB

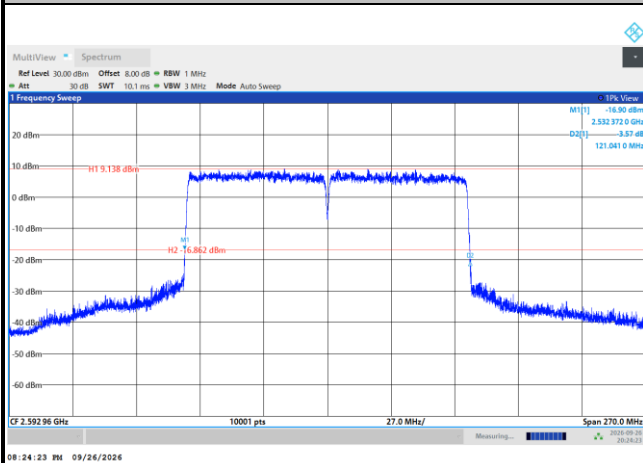
PI/2 BPSK



QPSK



16QAM

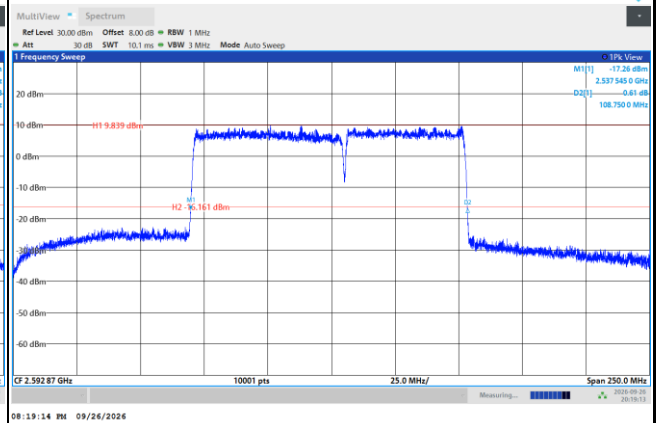
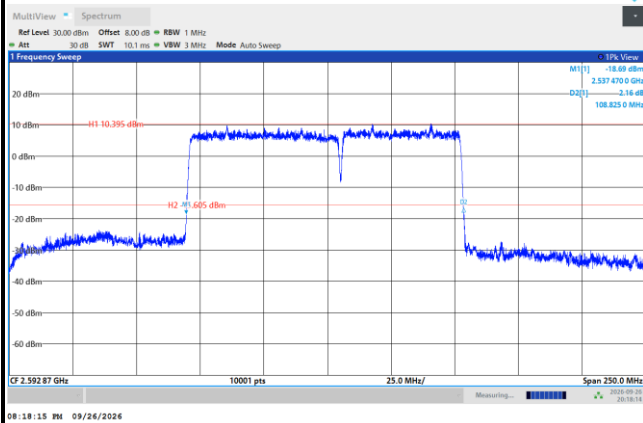




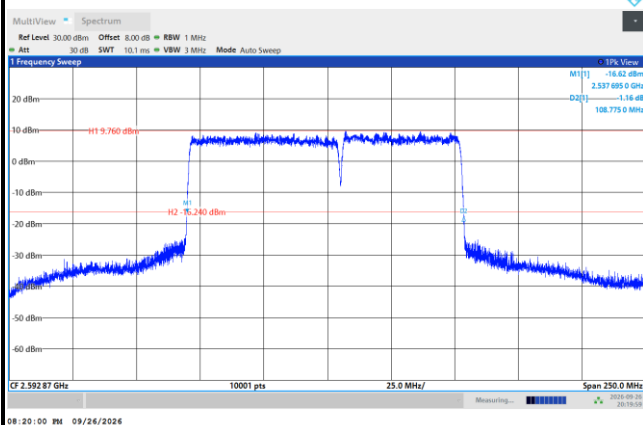
FR1 n41C / 60M50M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



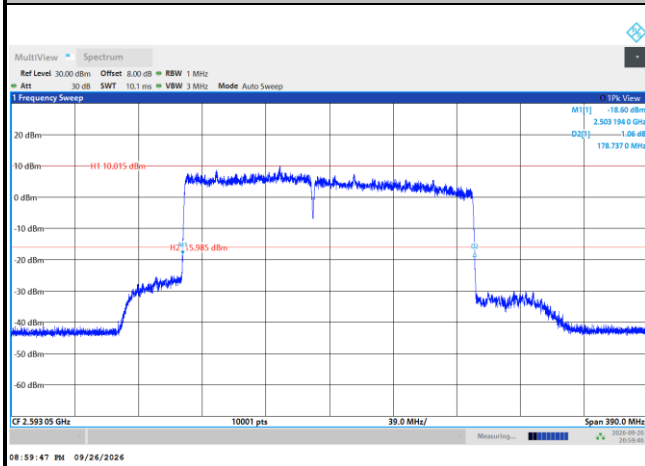
16QAM



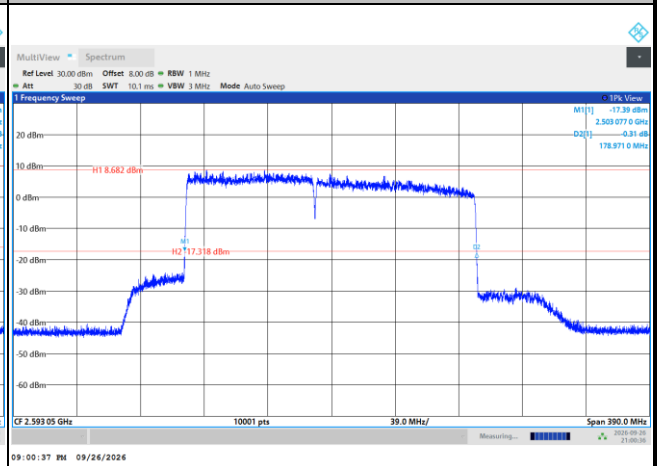


FR1 n41C / 80M100M / DFT-S OFDM / Middle Channel / Full RB

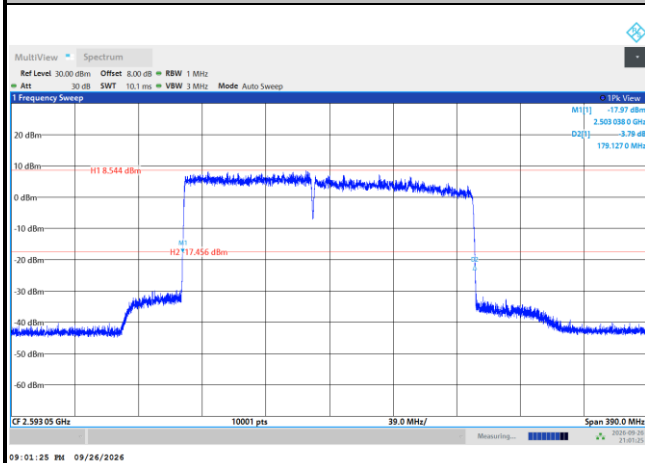
PI/2 BPSK



QPSK



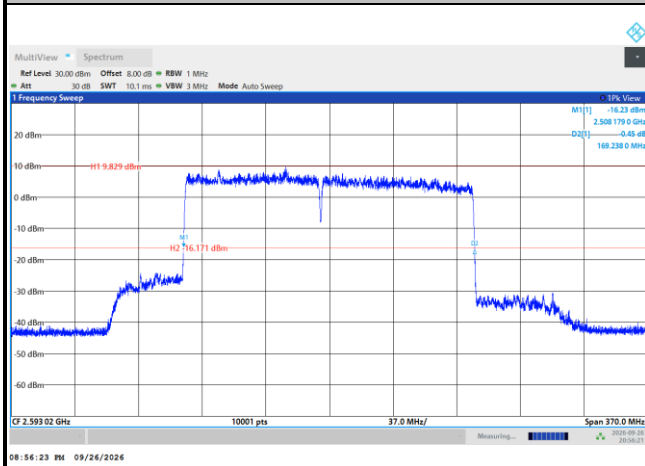
16QAM



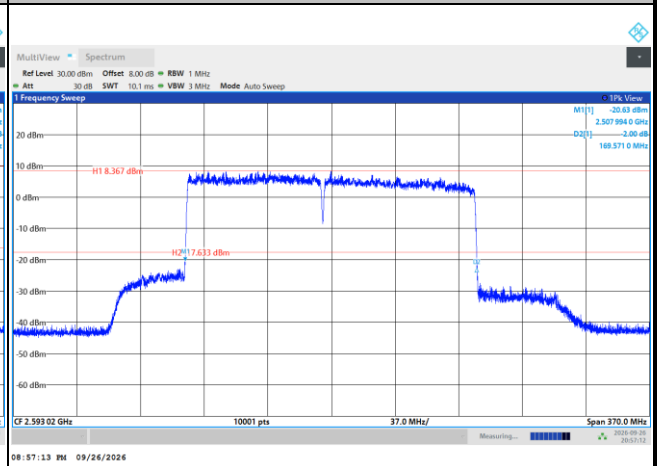


FR1 n41C / 80M90M / DFT-S OFDM / Middle Channel / Full RB

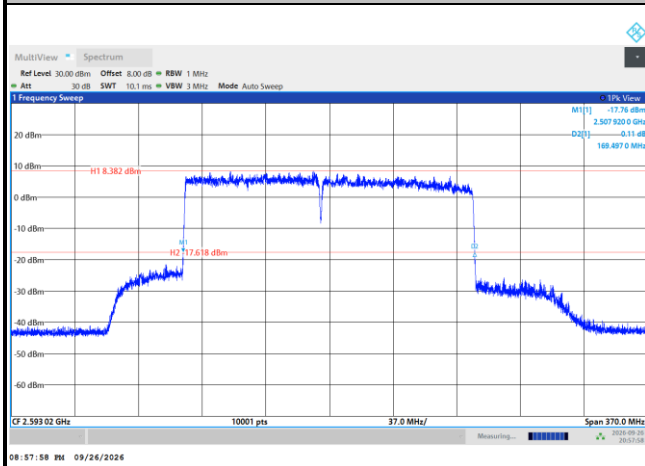
PI/2 BPSK



QPSK



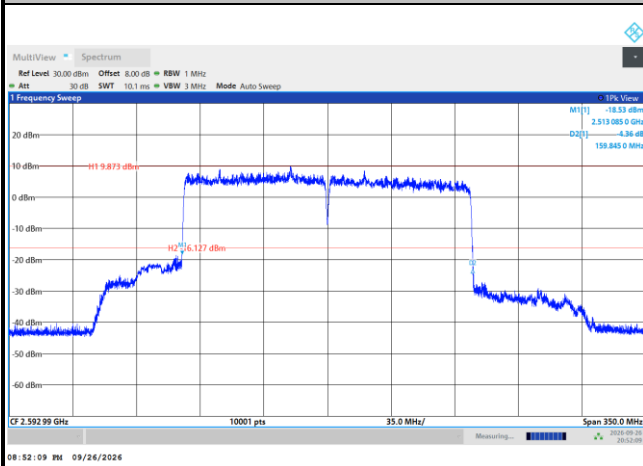
16QAM



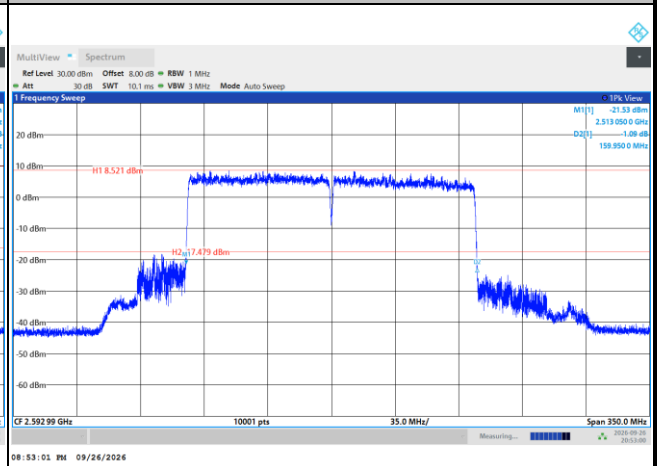


FR1 n41C / 80M80M / DFT-S OFDM / Middle Channel / Full RB

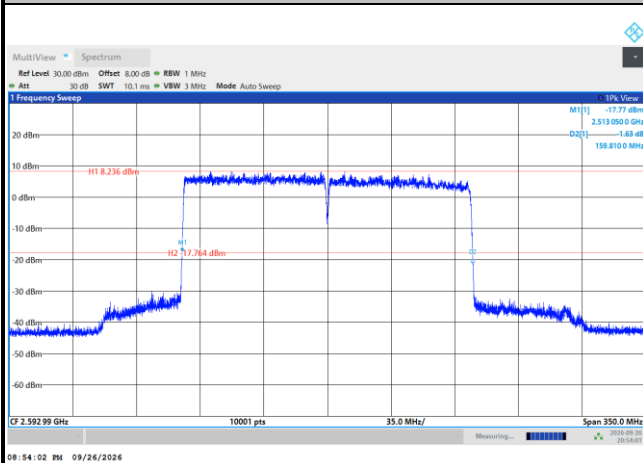
PI/2 BPSK



QPSK



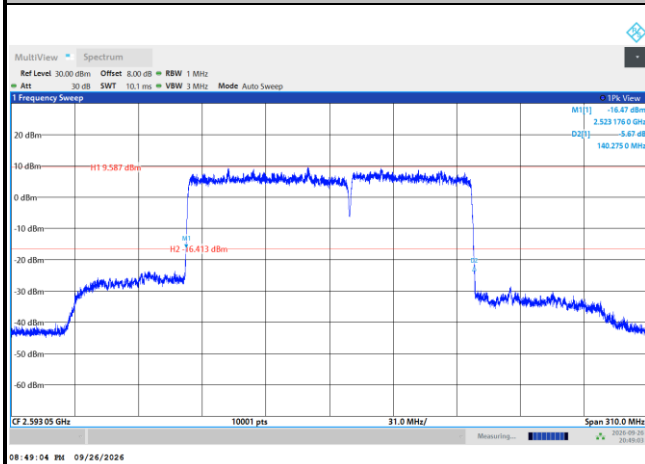
16QAM



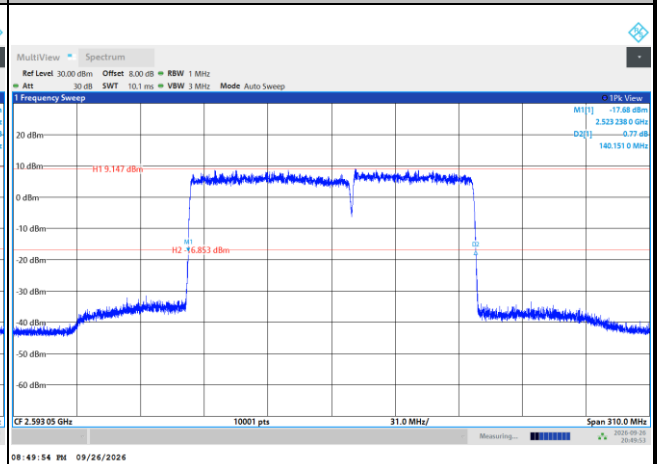


FR1 n41C / 80M60M / DFT-S OFDM / Middle Channel / Full RB

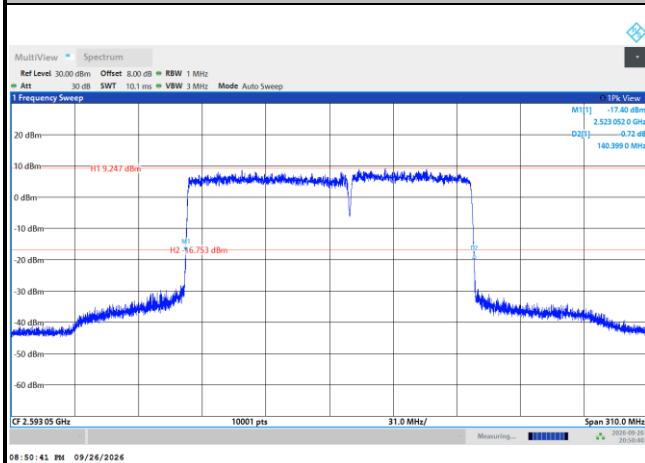
PI/2 BPSK



QPSK



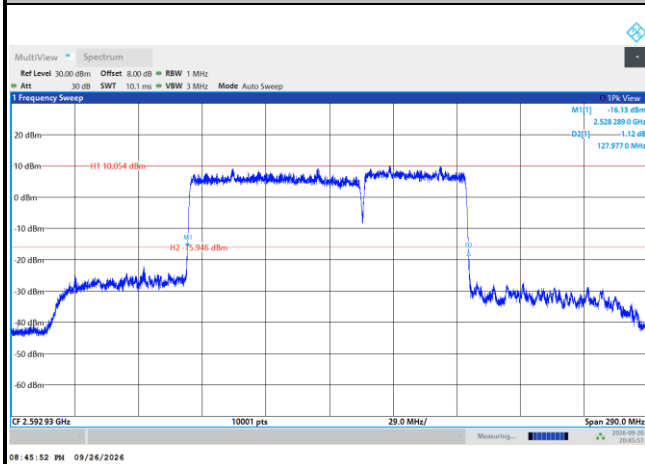
16QAM



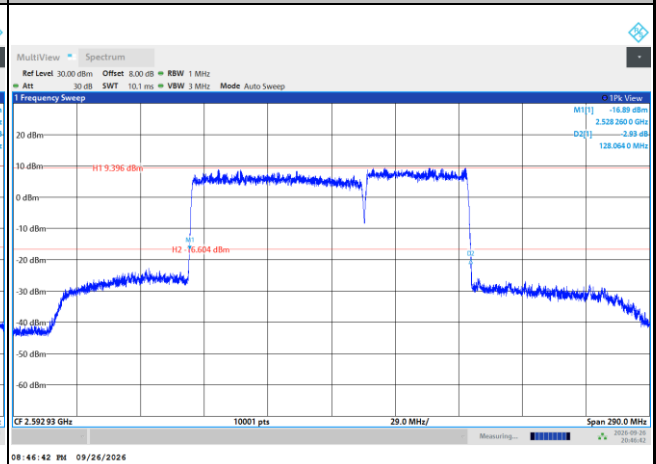


FR1 n41C / 80M50M / DFT-S OFDM / Middle Channel / Full RB

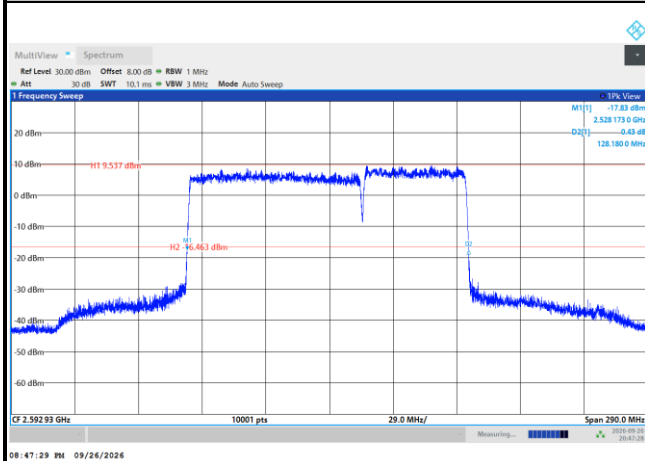
PI/2 BPSK



QPSK



16QAM

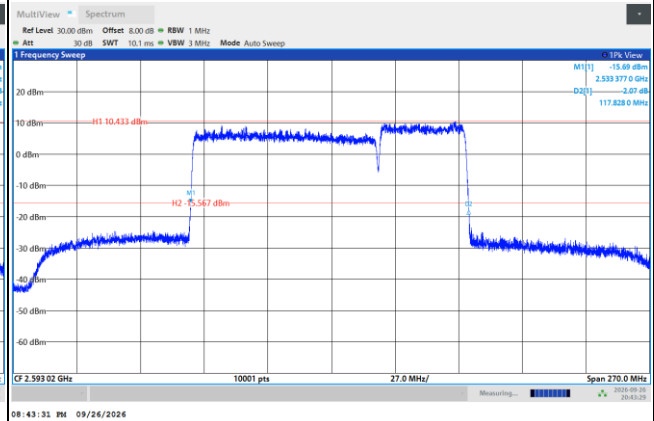
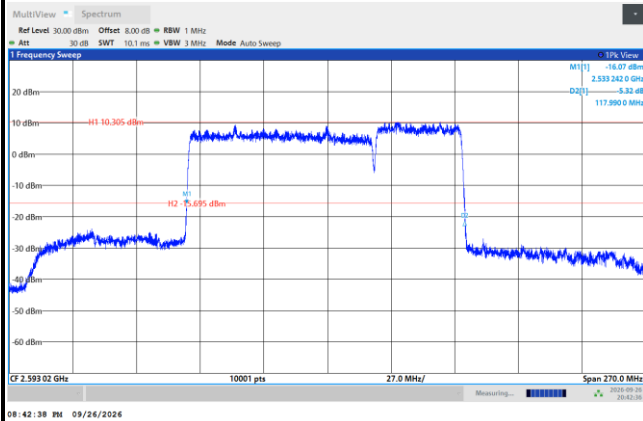




FR1 n41C / 80M40M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



16QAM

