

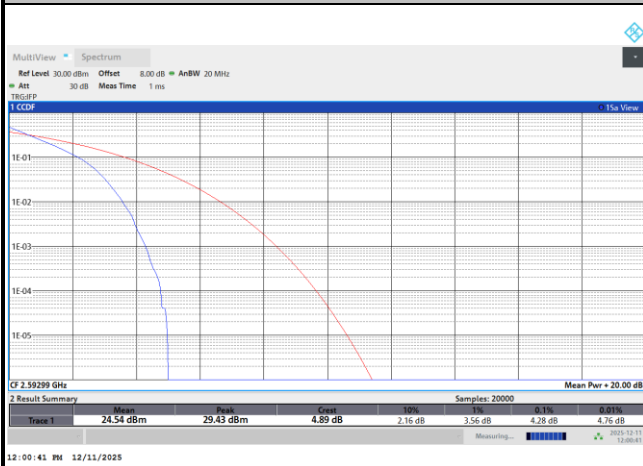
**FR1 n41****<SISO Mode>****Peak-to-Average Ratio**

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	4.28	5.40	6.36	6.68	PASS
Mode	FR1 n41 / 20MHz / DFT-S OFDM				
Mod.	256QAM				Limit: 13dB
RB Size	Full RB				Result
Middle CH	7.10				PASS

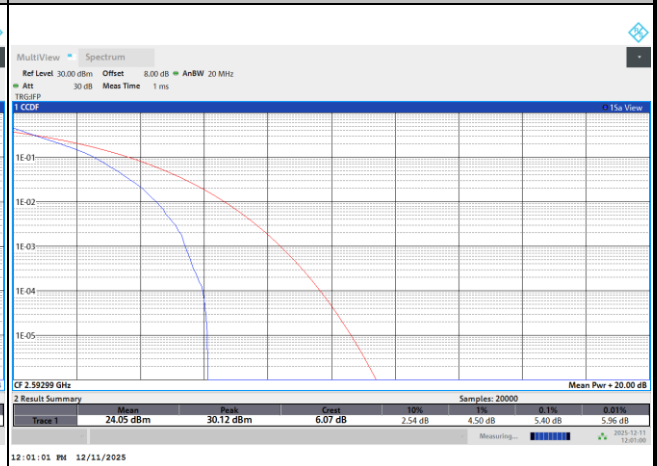


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

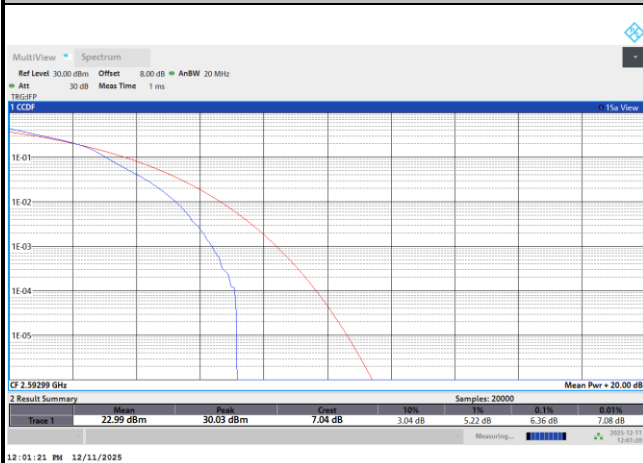
PI/2 BPSK



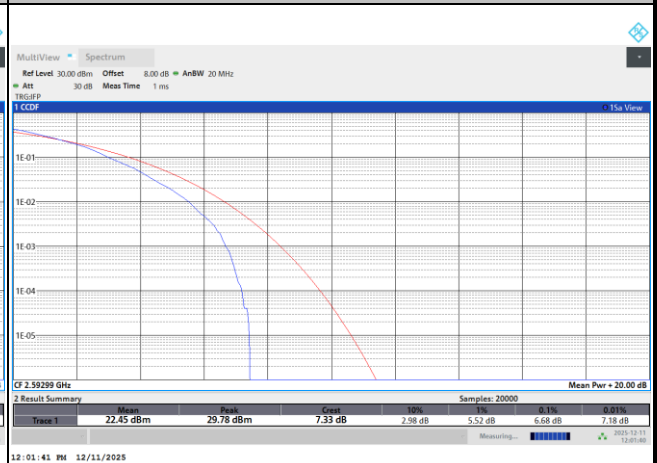
QPSK



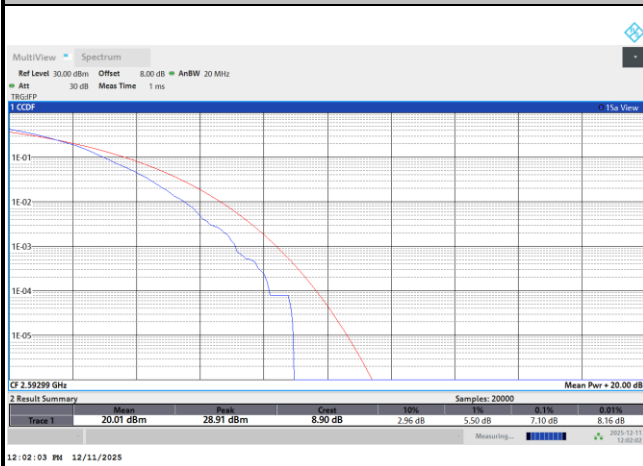
16QAM



64QAM



256QAM



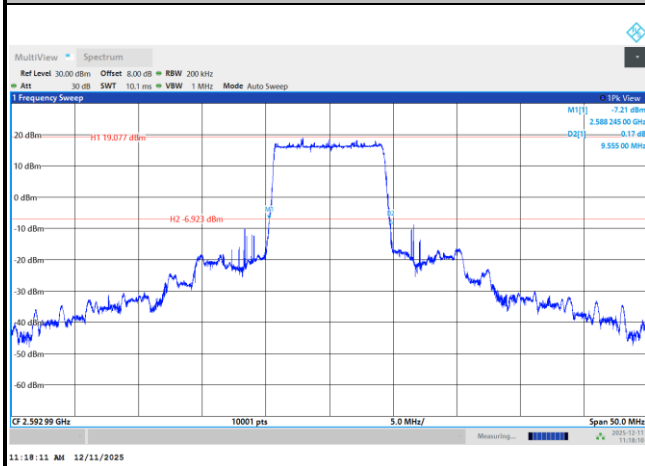
**26dB Bandwidth**

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	9.55	9.54	13.88	13.93	18.86	19.39	24.34	25.82
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	9.66		13.94		18.77		25.62	
BW	30MHz		35MHz		40MHz		45MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	29.39	29.33	34.75	34.71	38.35	38.31	41.10	41.22
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	29.40		34.75		38.41		41.22	
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	48.39	48.33	62.89	62.89	69.22	69.41	82.32	82.21
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	48.43		62.83		69.29		82.21	
BW	90MHz		100MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	91.89	92.12	101.52	101.68				
Mod.	16QAM		16QAM					
Middle CH	91.85		101.43					

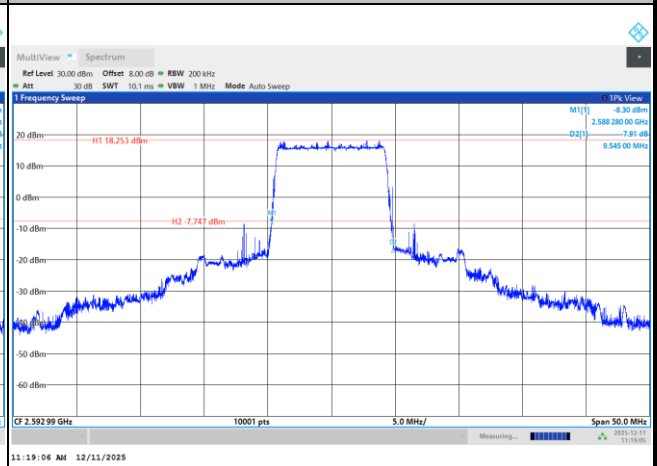


FR1 n41 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

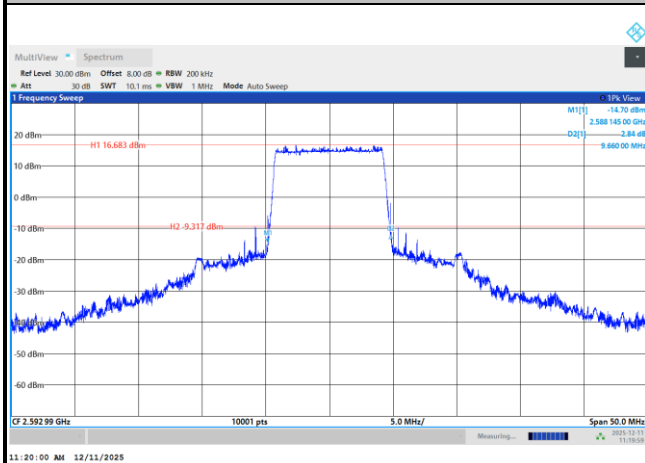
PI/2 BPSK



QPSK



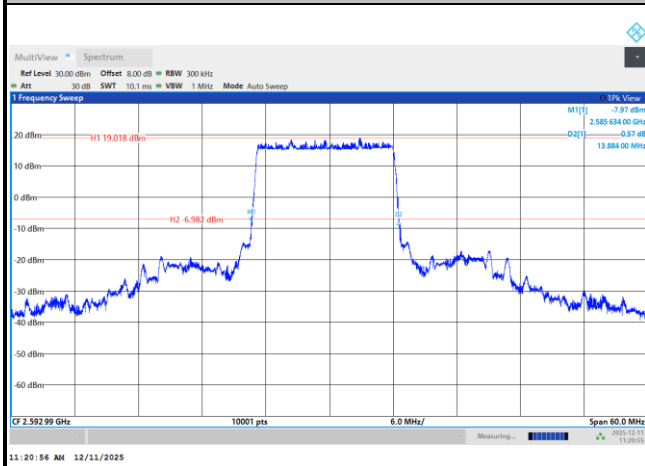
16QAM



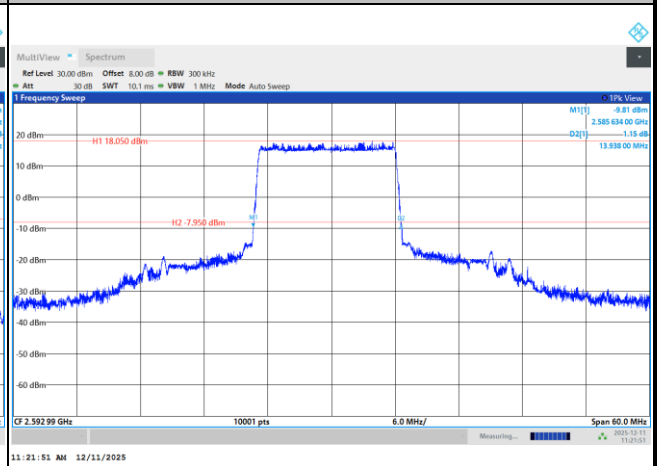


FR1 n41 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

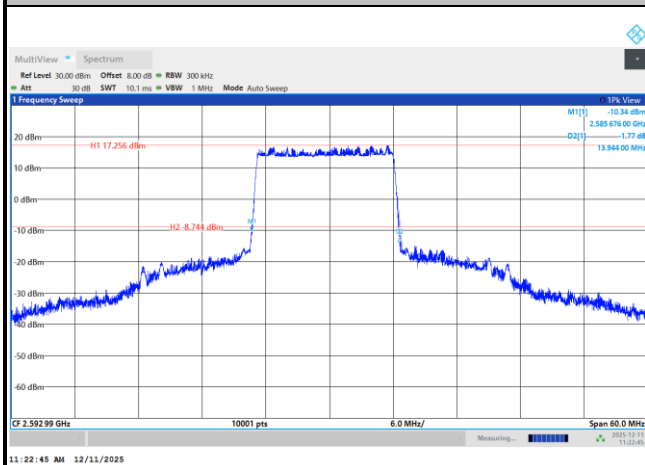
QPSK



QPSK



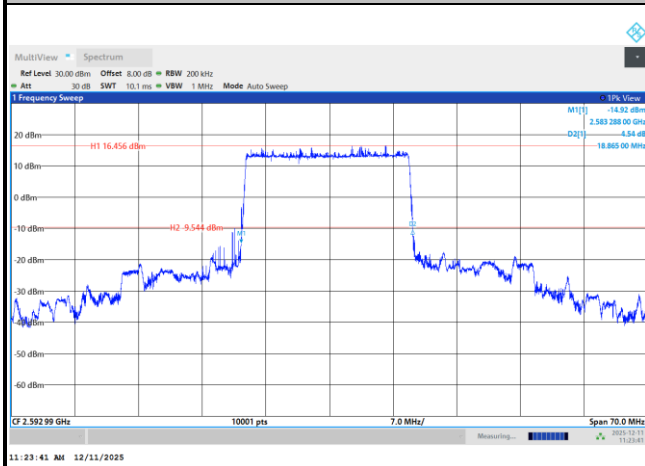
16QAM



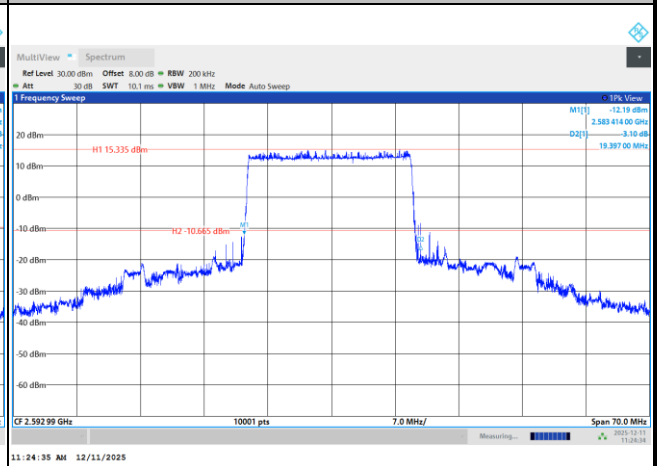


FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

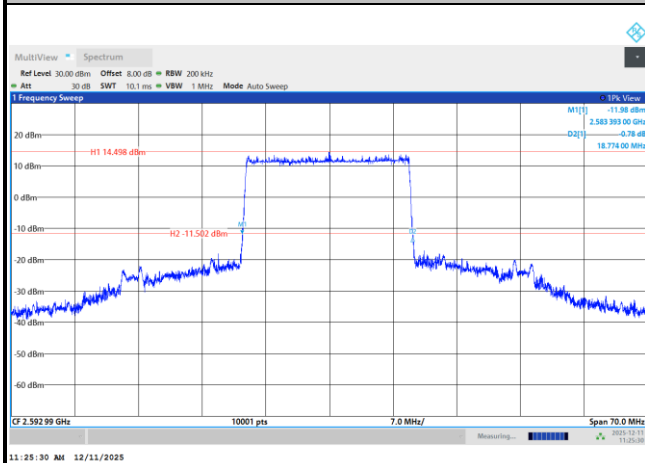
PI/2 BPSK



QPSK



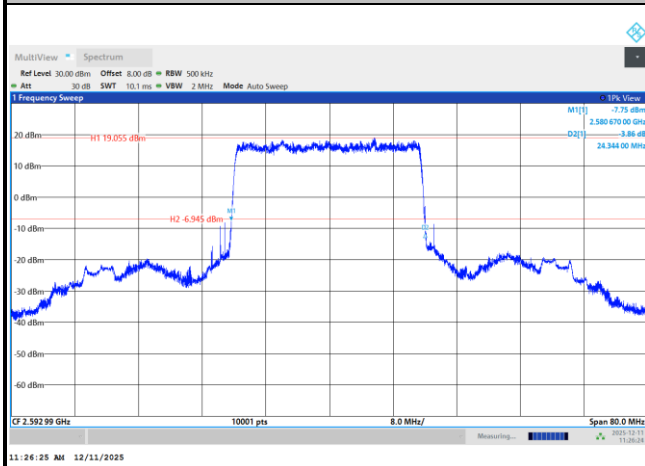
16QAM



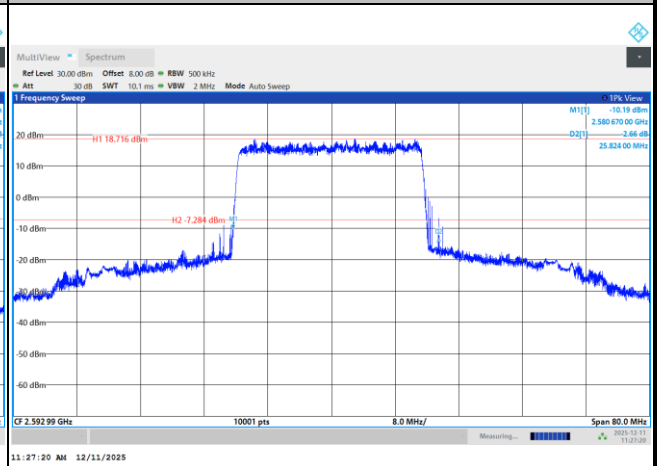


FR1 n41 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

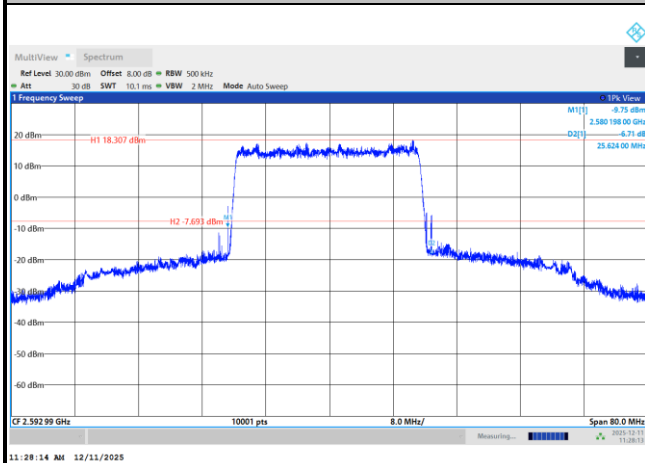
PI/2 BPSK



QPSK



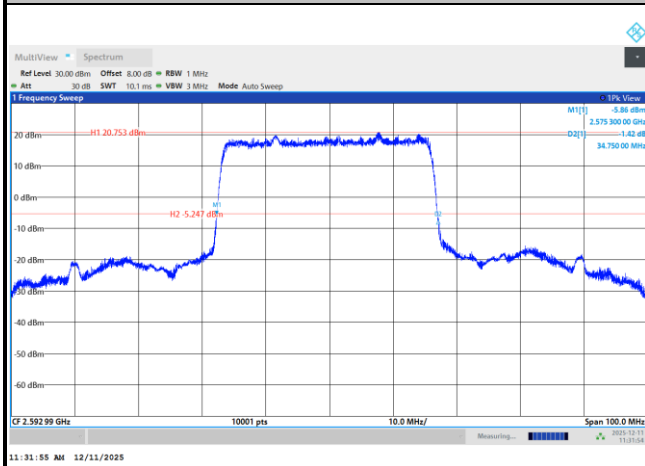
16QAM



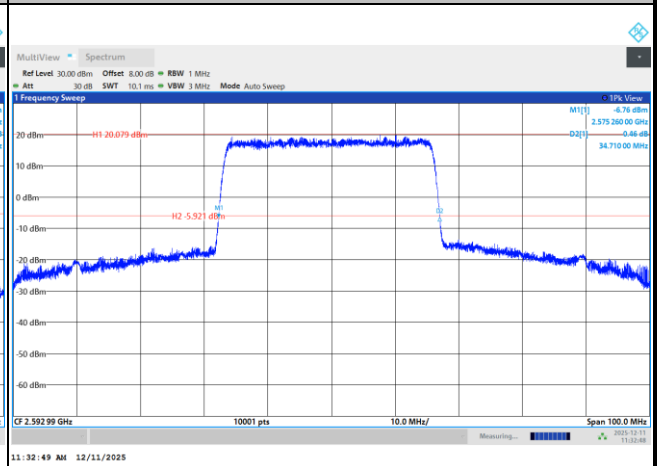


FR1 n41 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

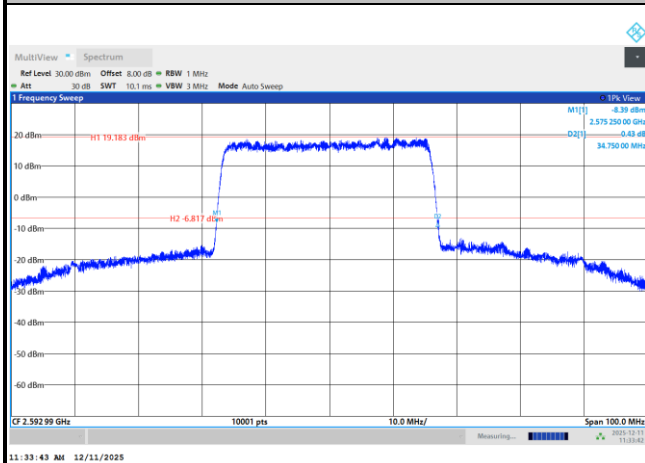
PI/2 BPSK



QPSK



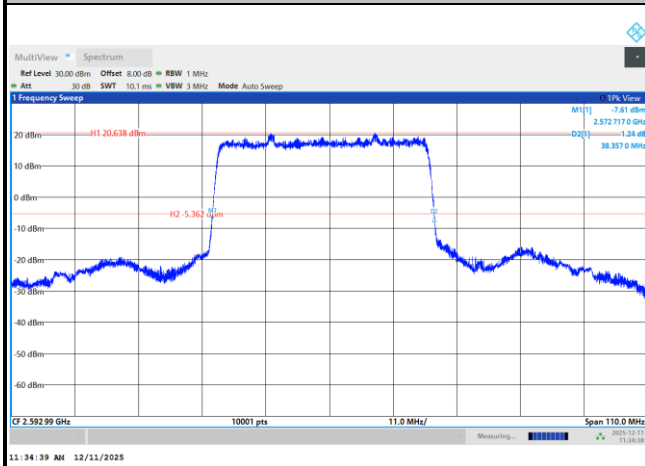
16QAM



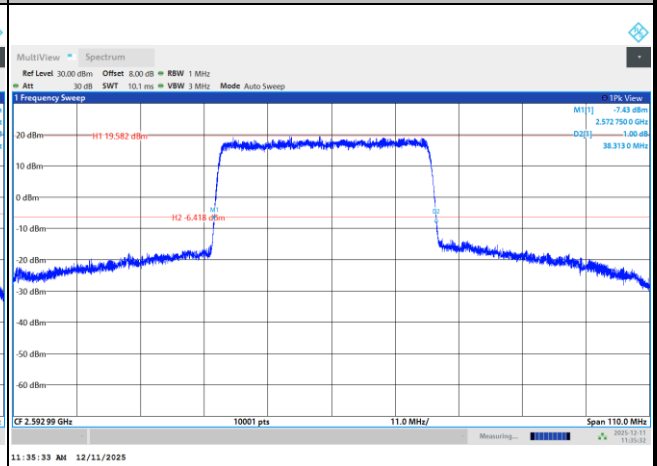


FR1 n41 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

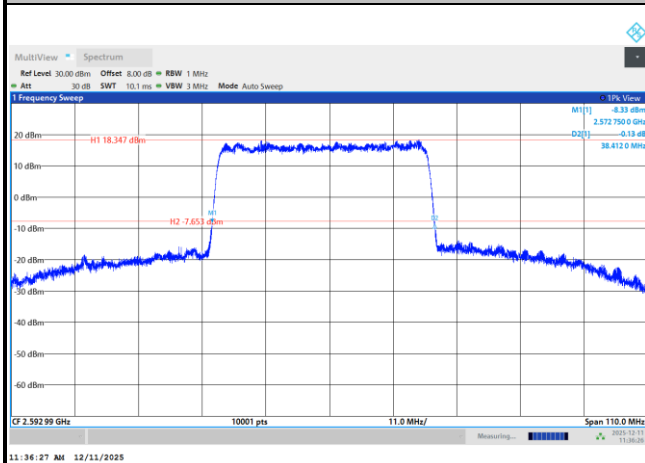
PI/2 BPSK



QPSK

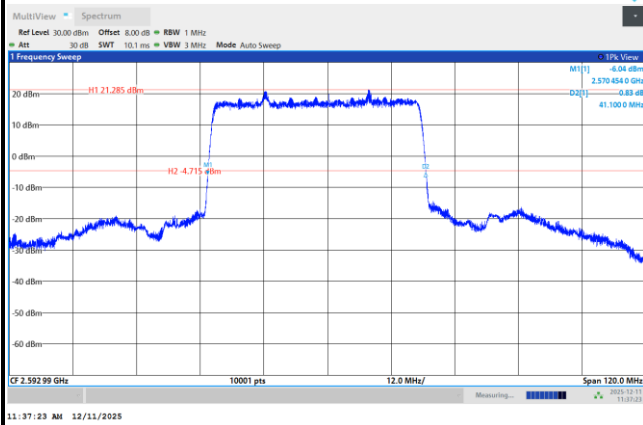


16QAM

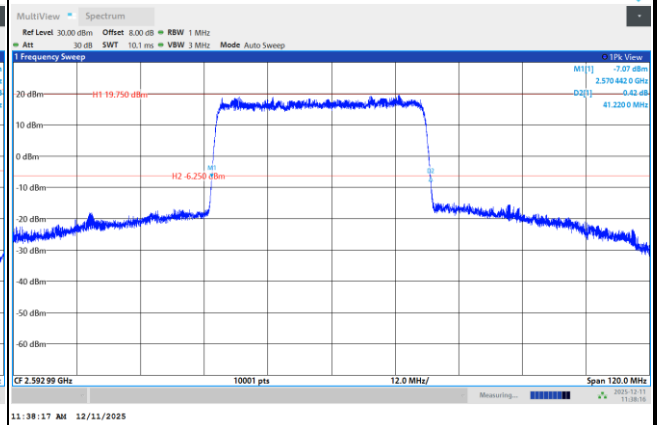




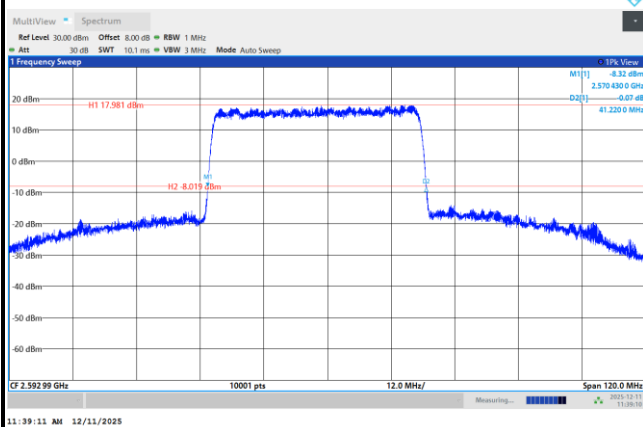
FR1 n41 / 45MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK



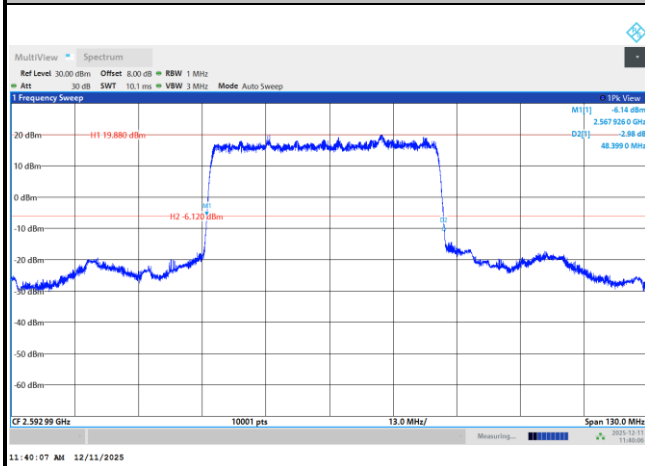
16QAM



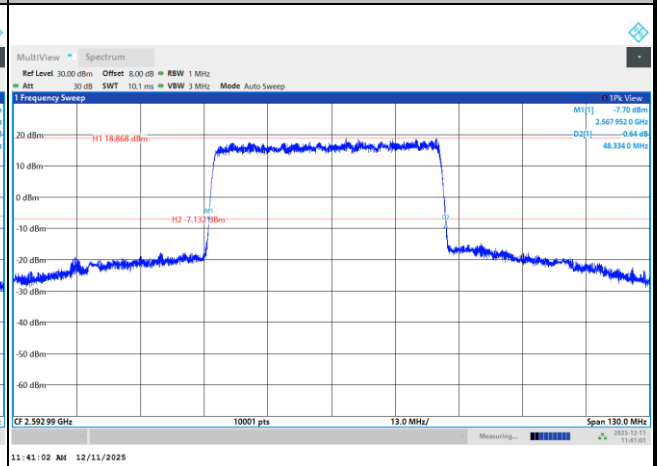


FR1 n41 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

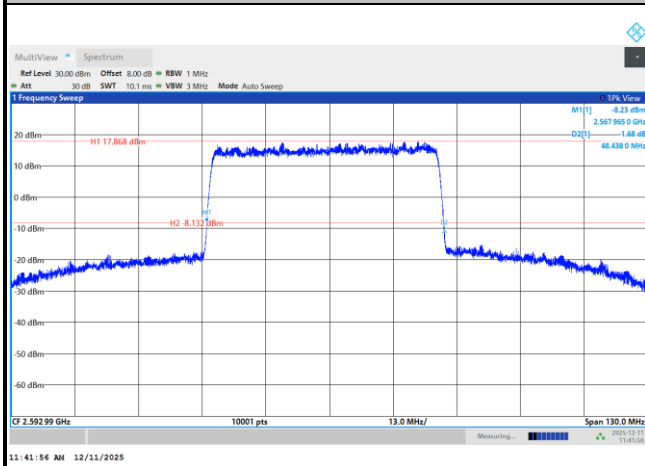
PI/2 BPSK



QPSK



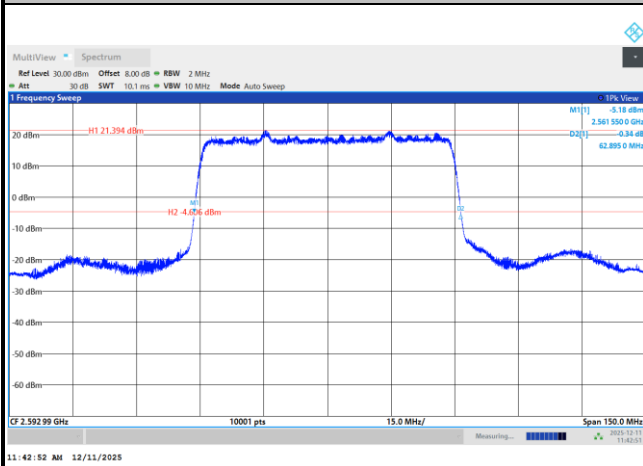
16QAM





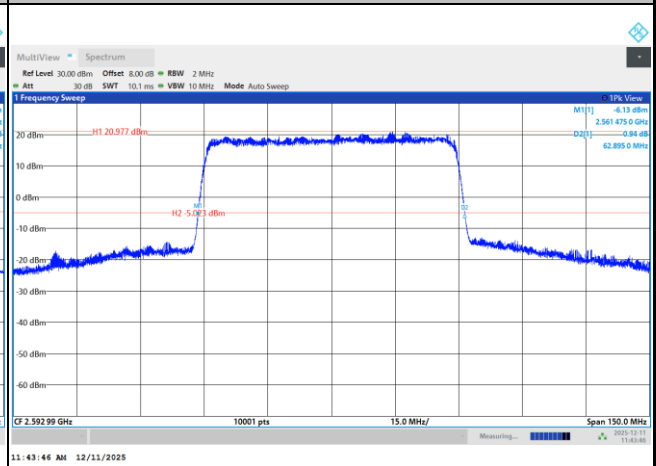
FR1 n41 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



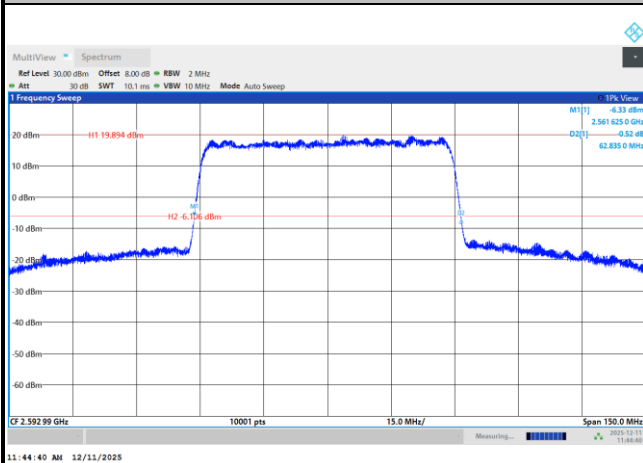
11:42:52 AM 12/11/2025

QPSK



11:43:46 AM 12/11/2025

16QAM

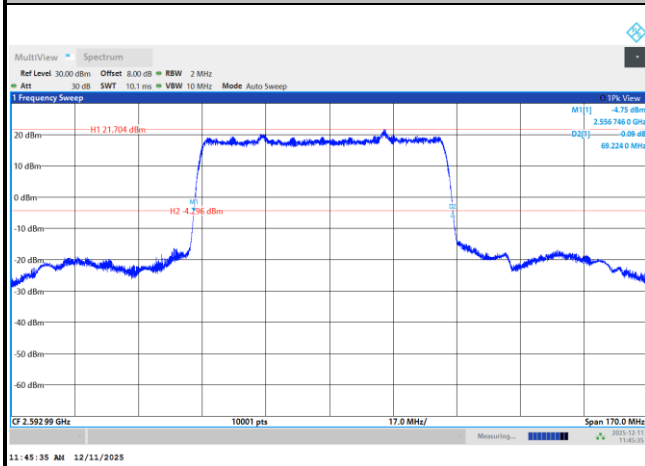


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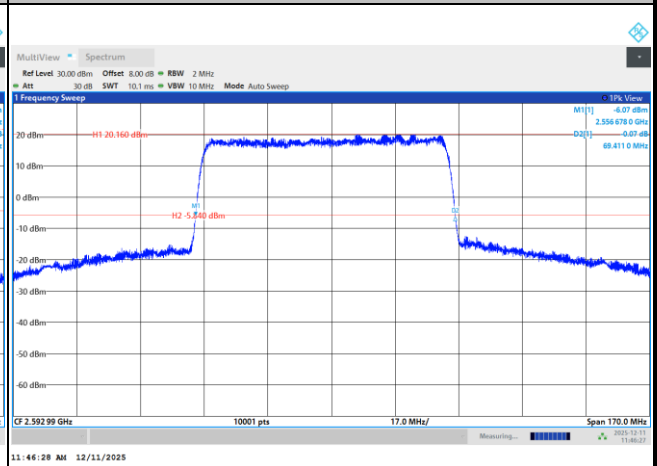


FR1 n41 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

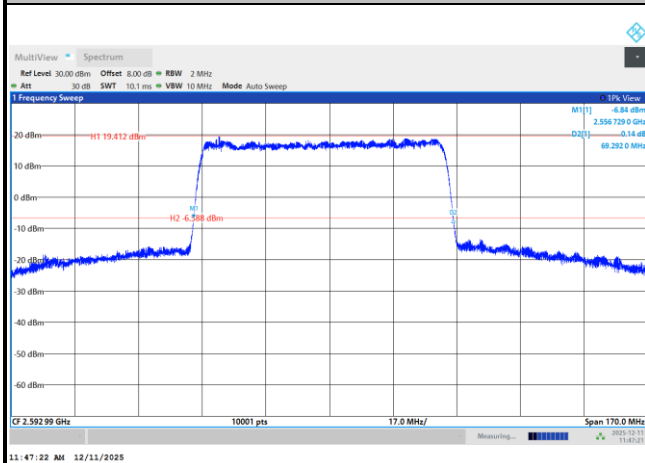
PI/2 BPSK



QPSK



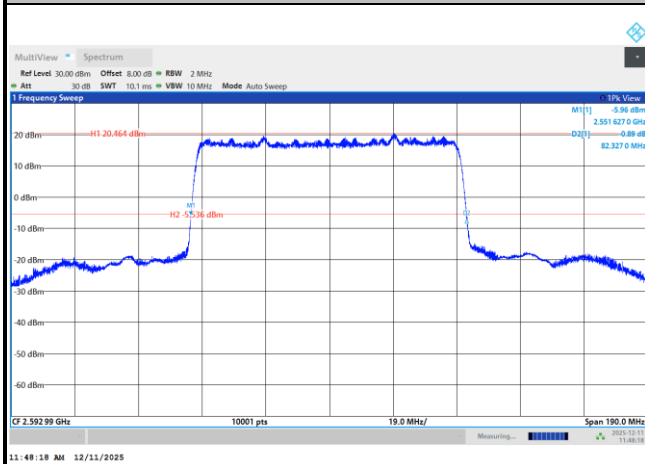
16QAM



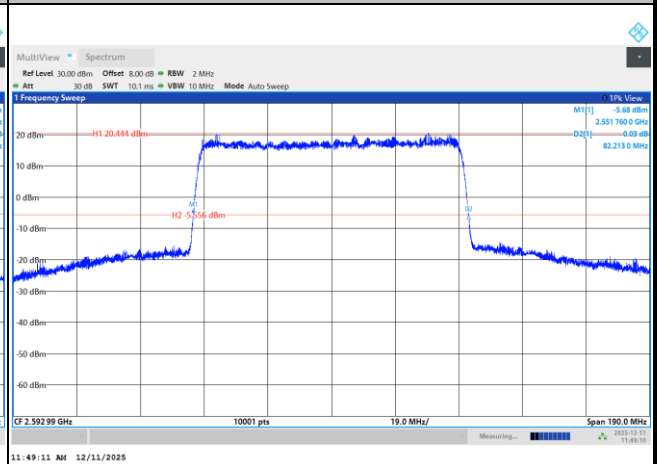


FR1 n41 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

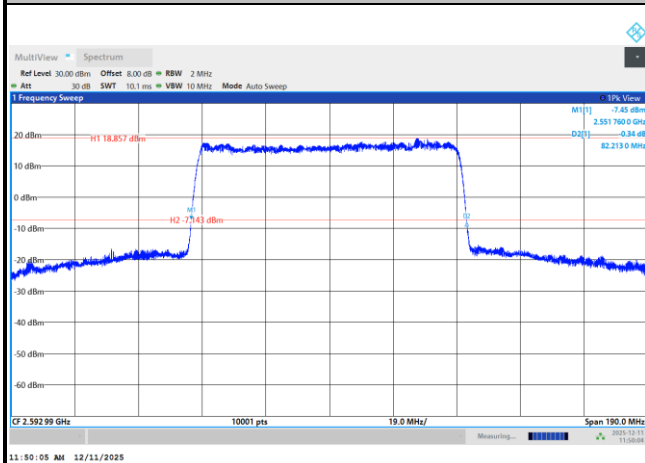
PI/2 BPSK



QPSK



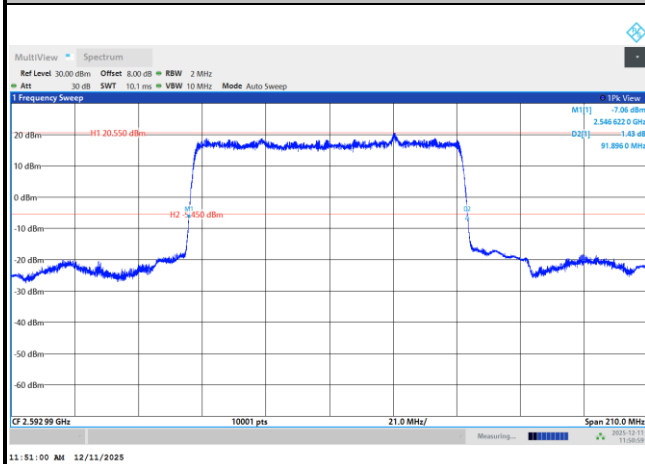
16QAM



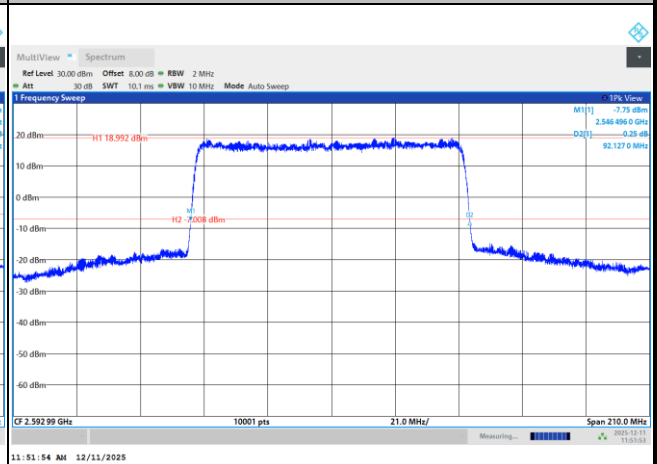


FR1 n41 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

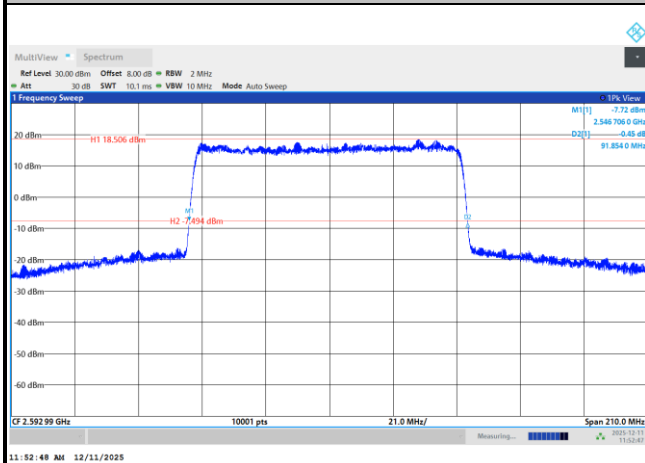
PI/2 BPSK



QPSK

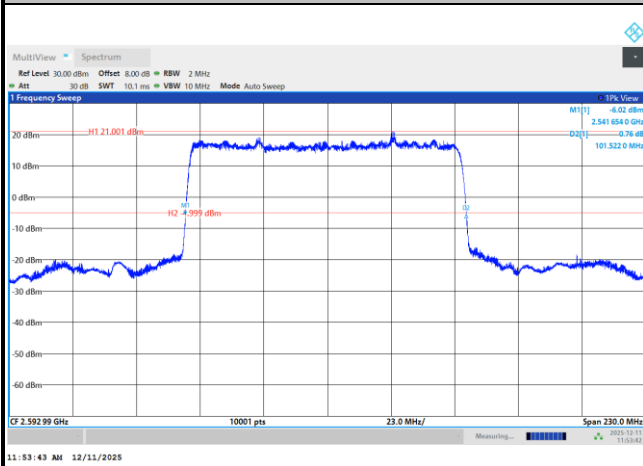


16QAM



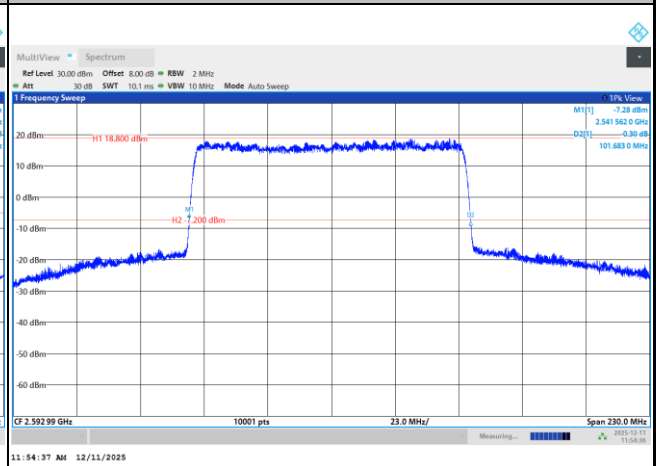


FR1 n41 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

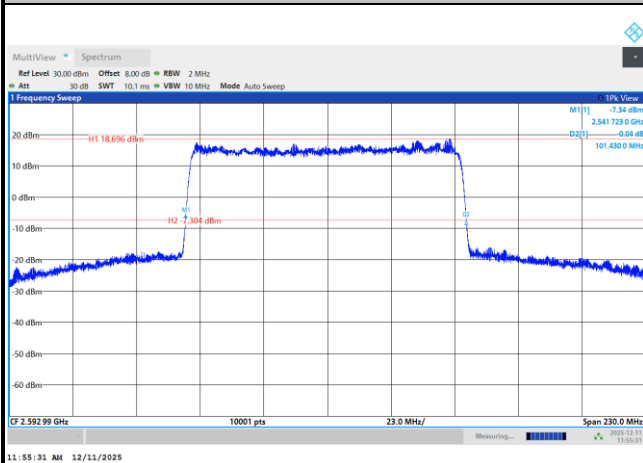
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QPSK



11:54:37 AM 12/11/2025

16QAM



11:55:31 AM 12/11/2025

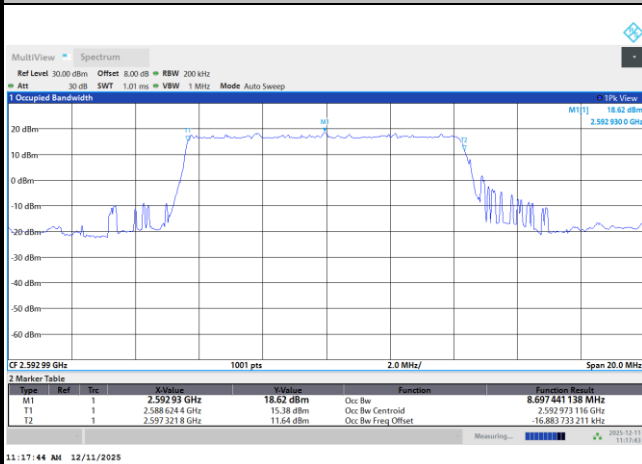
**Occupied Bandwidth**

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	8.69	8.63	12.95	13.00	17.87	17.86	23.10	22.98
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	8.61		12.93		17.88		22.96	
BW	30MHz		35MHz		40MHz		45MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	27.22	27.23	32.60	32.49	36.15	36.08	38.89	38.83
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	27.15		32.42		35.96		38.78	
BW	50MHz		60MHz		70MHz		80MHz	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	45.90	45.84	58.72	58.56	65.07	64.77	77.68	77.66
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	45.76		58.43		64.91		77.59	
BW	90MHz		100MHz					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	87.39	87.33	96.78	96.66				
Mod.	16QAM		16QAM					
Middle CH	87.15		96.61					

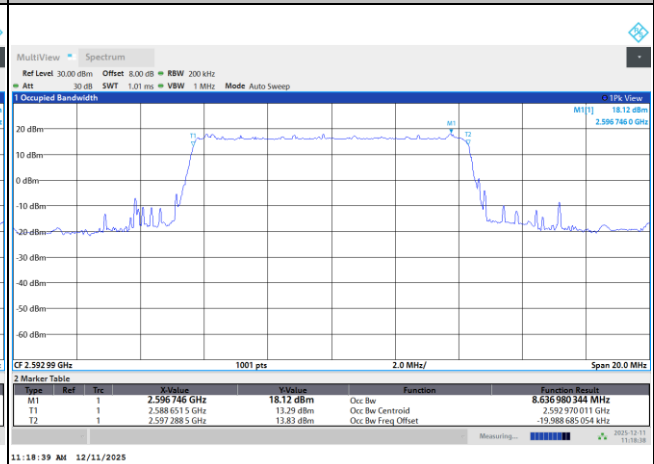


FR1 n41 / 10MHz / DFT-S OFDM / Middle Channel / Full RB

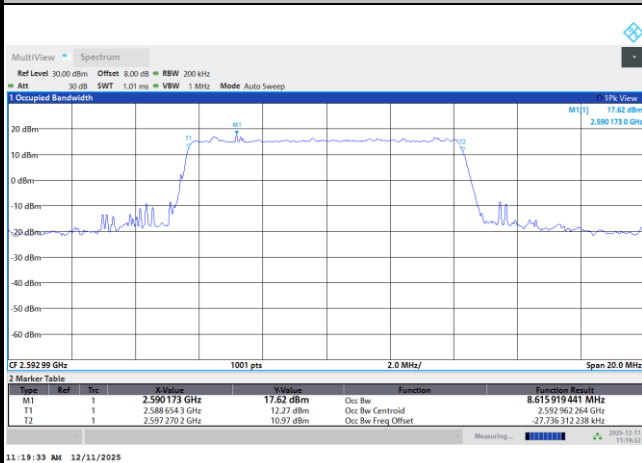
PI/2 BPSK



QPSK



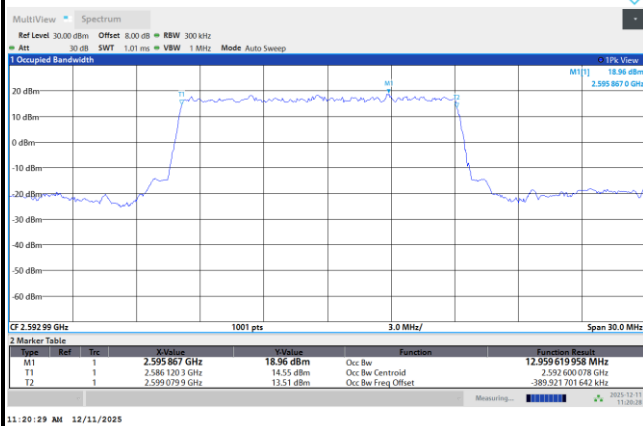
16QAM



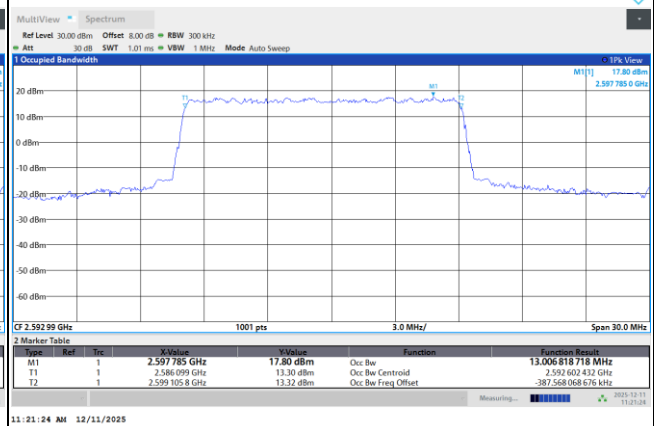


FR1 n41 / 15MHz / DFT-S OFDM / Middle Channel / Full RB

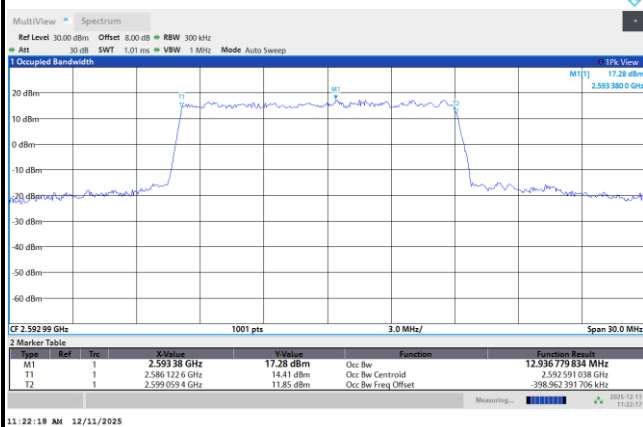
QPSK



QPSK



16QAM

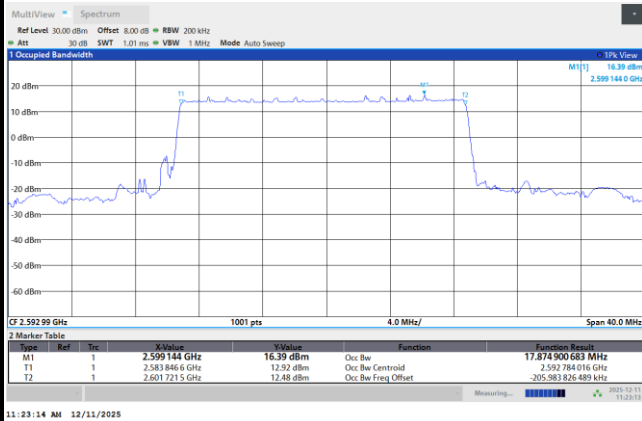




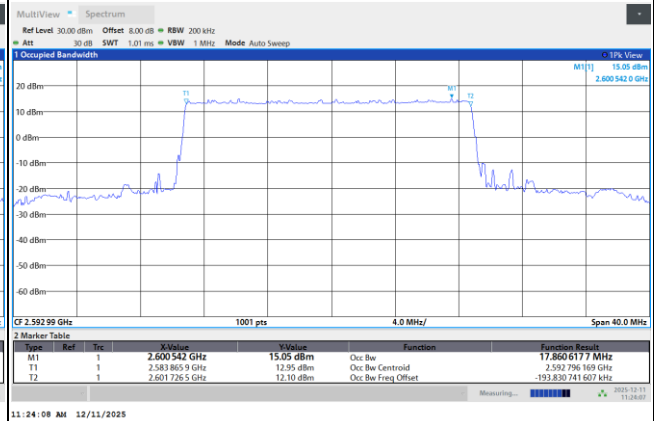
FR1 n41 / 20MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK

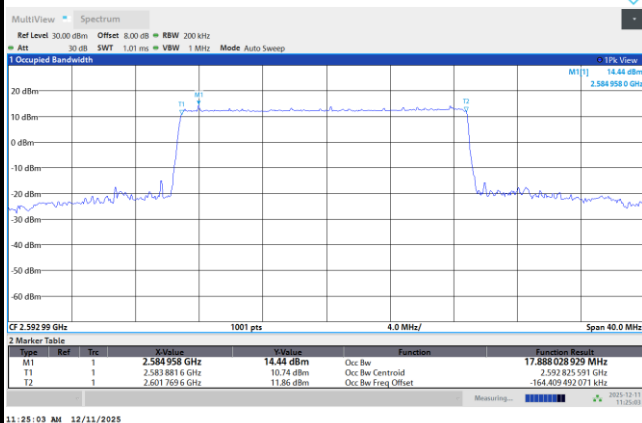


11:23:14 AM 12/11/2025



11:24:08 AM 12/11/2025

16QAM



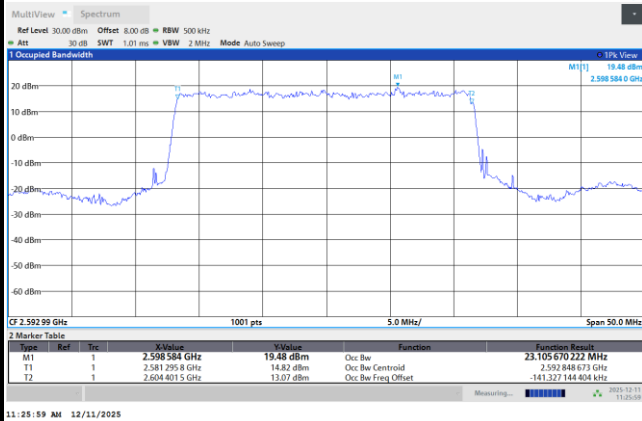
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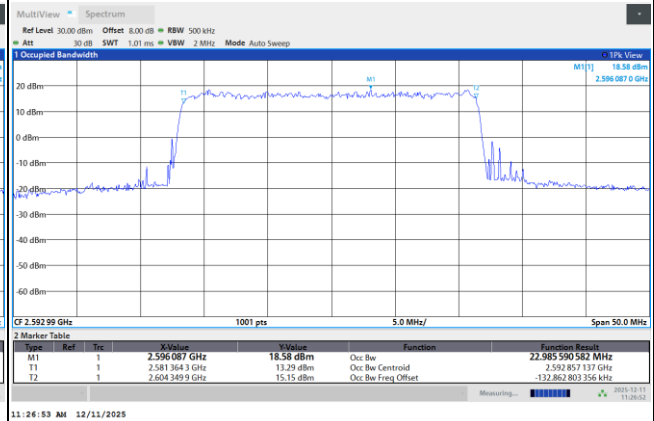
FR1 n41 / 25MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK

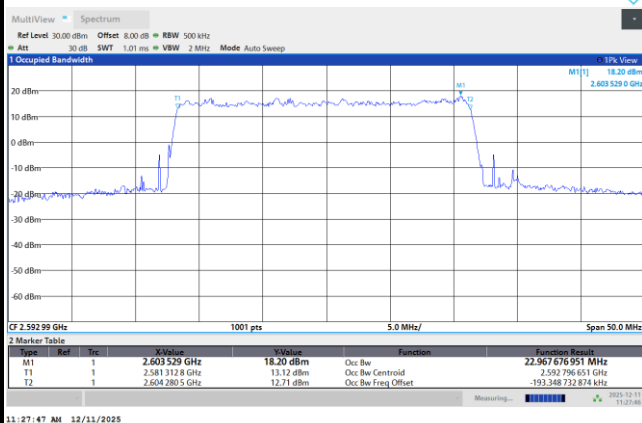


11:25:59 AM 12/11/2025



11:26:53 AM 12/11/2025

16QAM

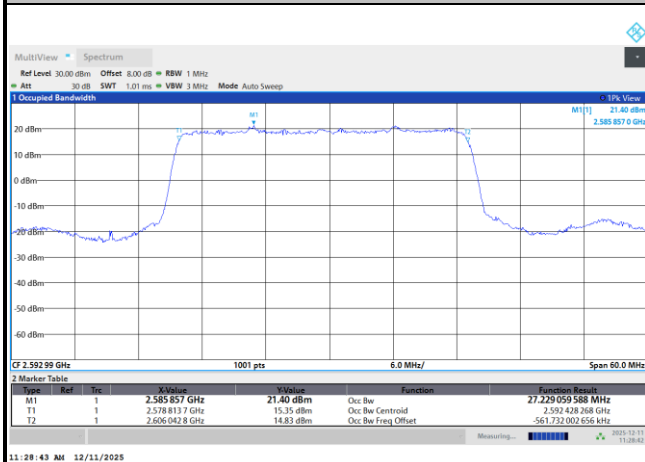


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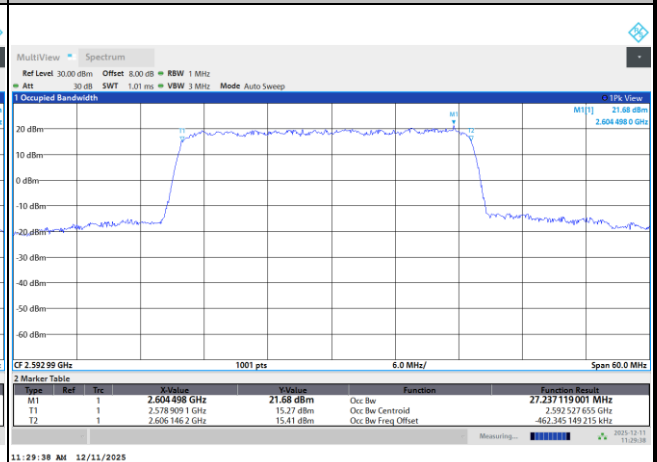


FR1 n41 / 30MHz / DFT-S OFDM / Middle Channel / Full RB

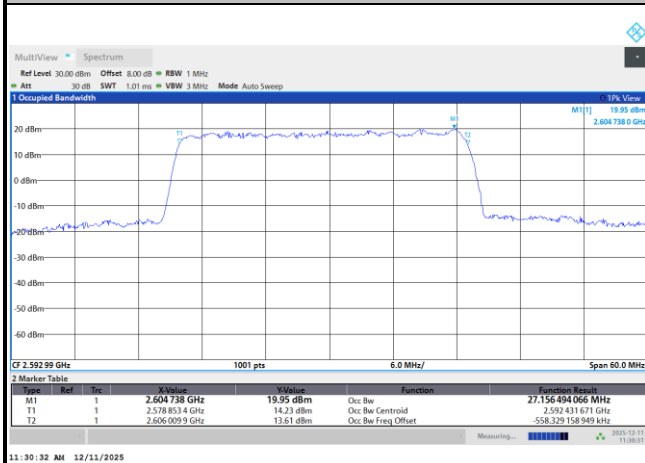
PI/2 BPSK



QPSK



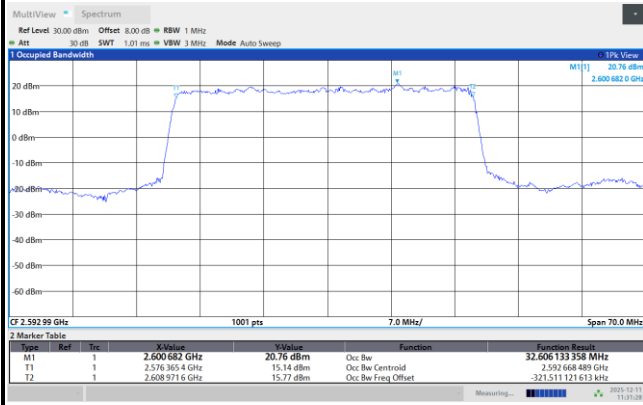
16QAM



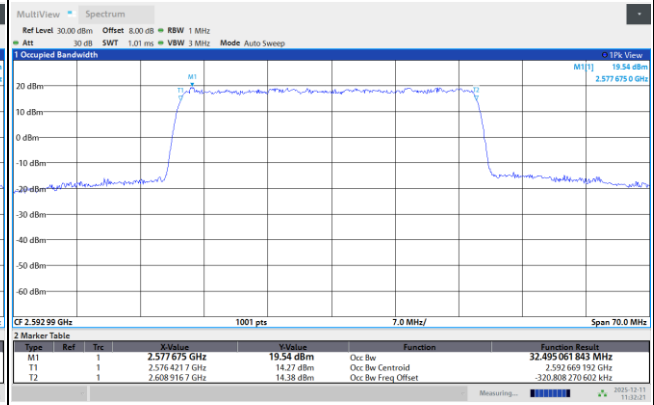


FR1 n41 / 35MHz / DFT-S OFDM / Middle Channel / Full RB

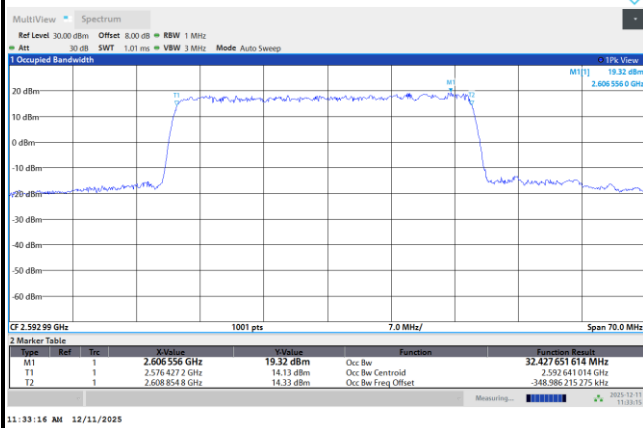
PI/2 BPSK



QPSK



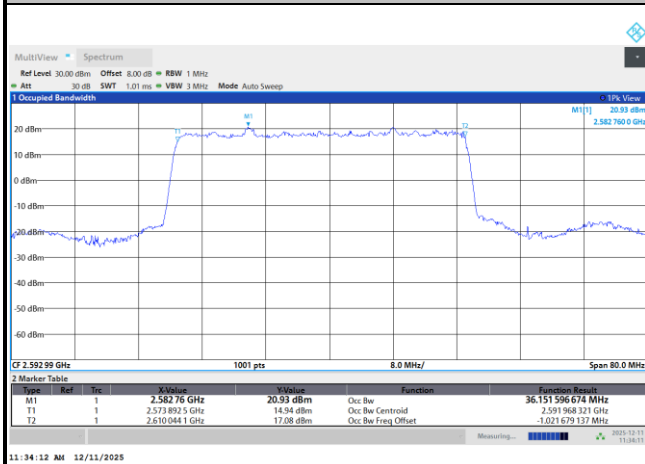
16QAM



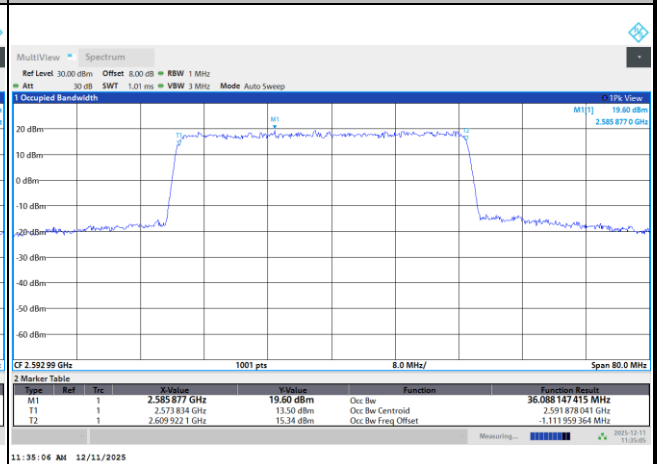


FR1 n41 / 40MHz / DFT-S OFDM / Middle Channel / Full RB

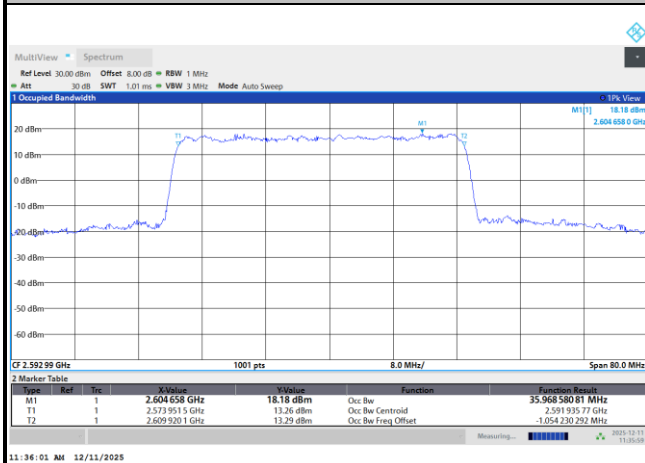
PI/2 BPSK



QPSK



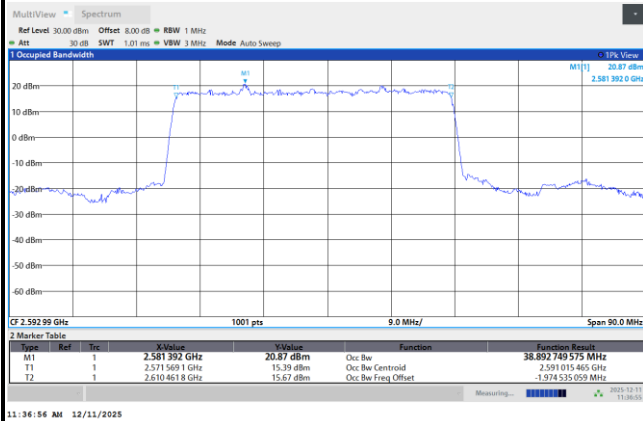
16QAM





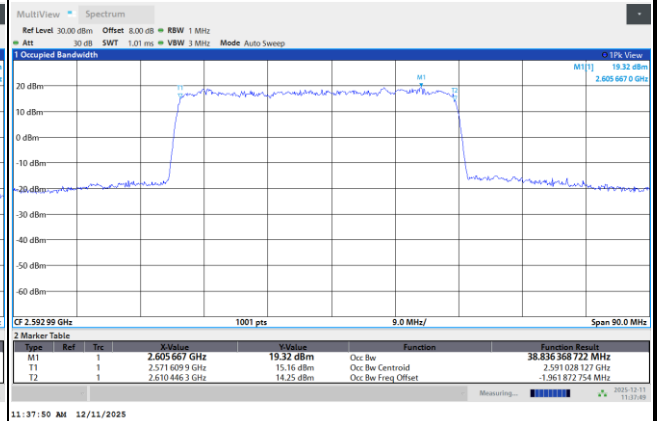
FR1 n41 / 45MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



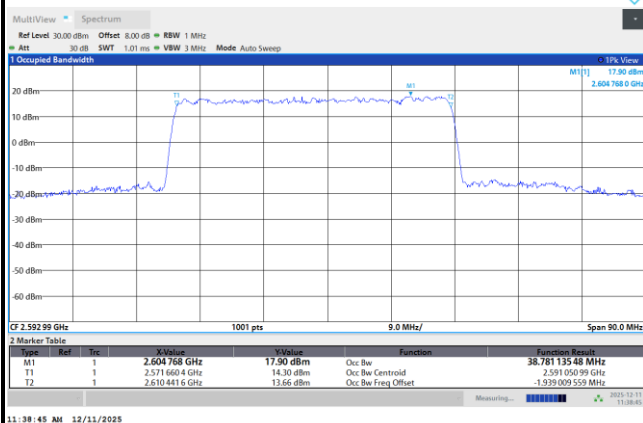
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QPSK



11:37:50 AM 12/11/2025

16QAM



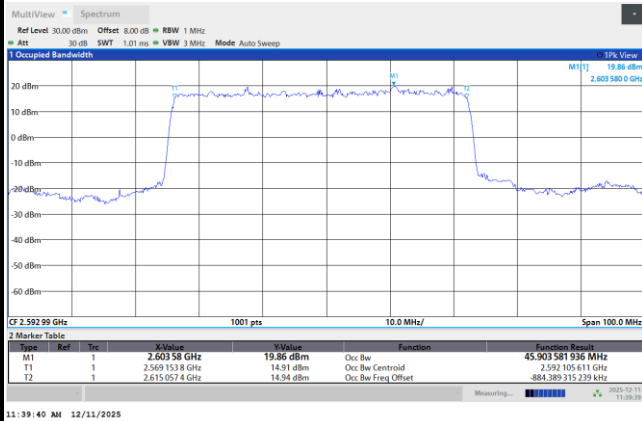
11:38:45 AM 12/11/2025



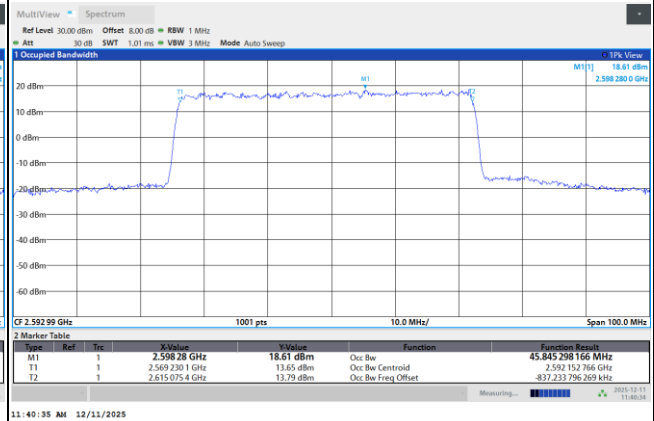
FR1 n41 / 50MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK

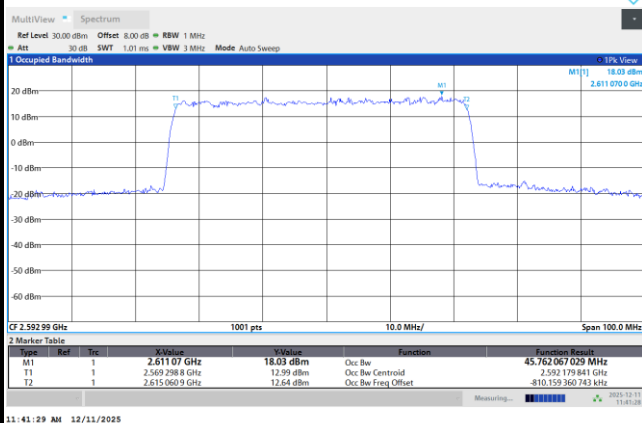


11:39:40 AM 12/11/2025



11:40:35 AM 12/11/2025

16QAM

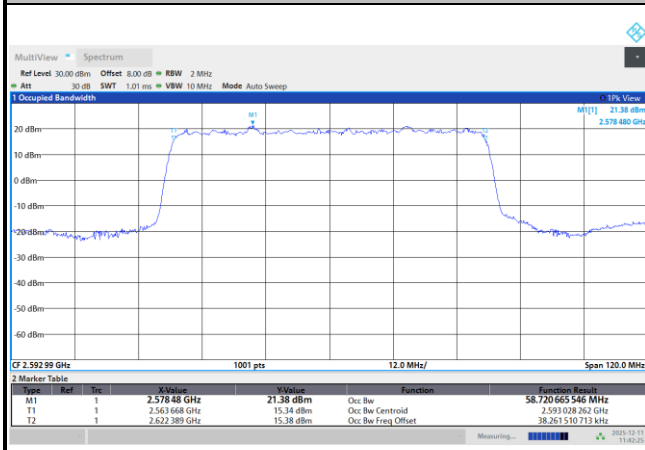


11:41:29 AM 12/11/2025



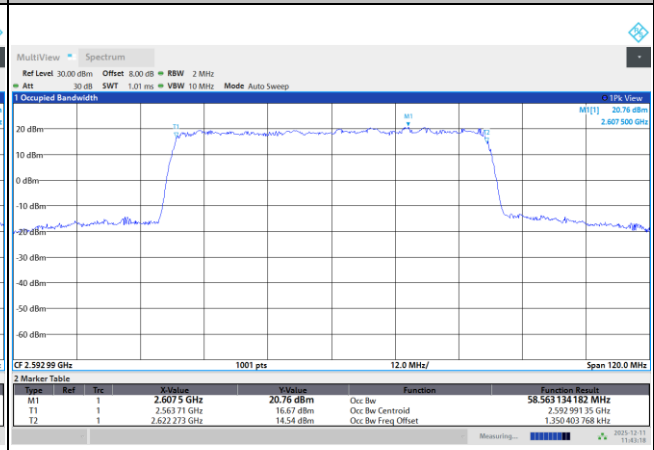
FR1 n41 / 60MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



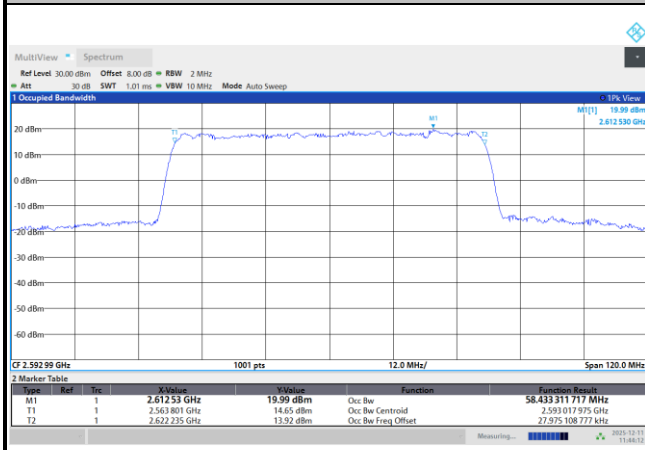
11:42:25 AM 12/11/2025

QPSK



11:43:19 AM 12/11/2025

16QAM

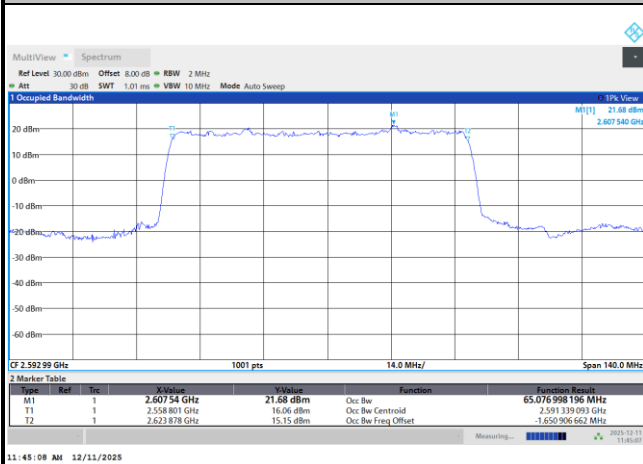


11:44:13 AM 12/11/2025



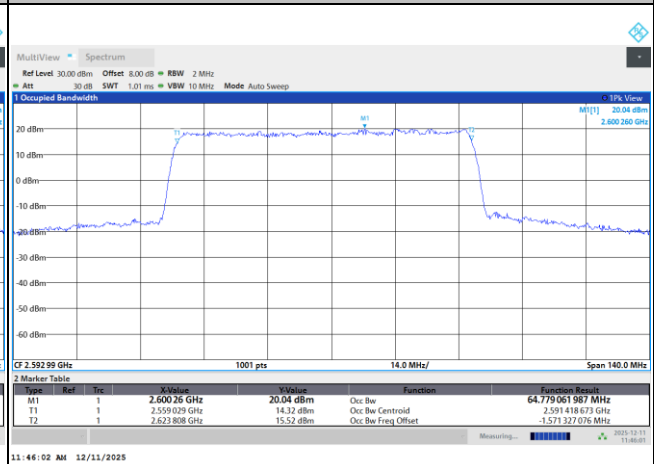
FR1 n41 / 70MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



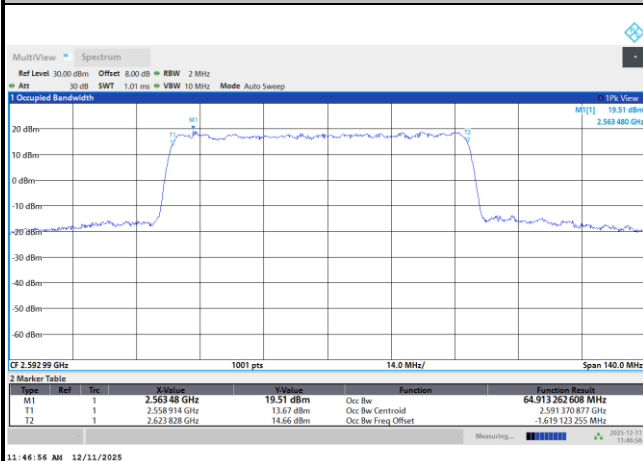
11:45:08 AM 12/11/2025

QPSK



11:46:02 AM 12/11/2025

16QAM

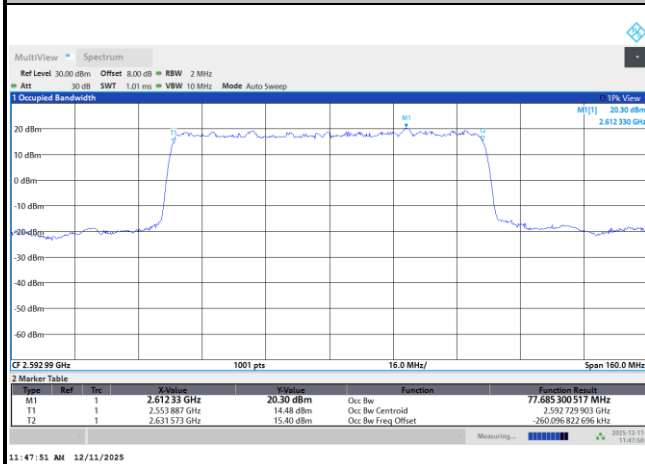


11:46:56 AM 12/11/2025



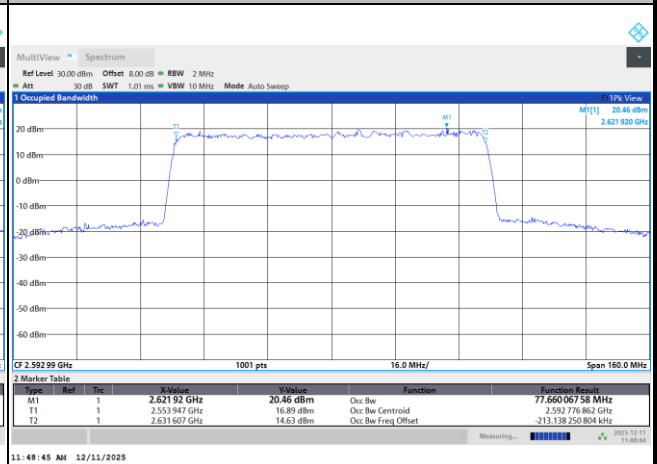
FR1 n41 / 80MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



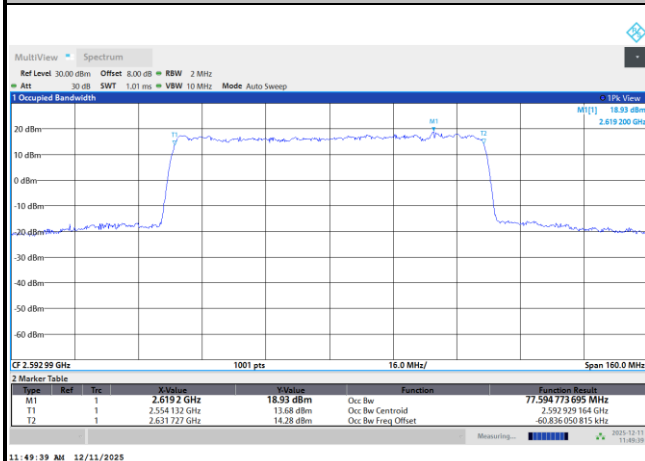
11:47:51 AM 12/11/2025

QPSK



11:48:45 AM 12/11/2025

16QAM

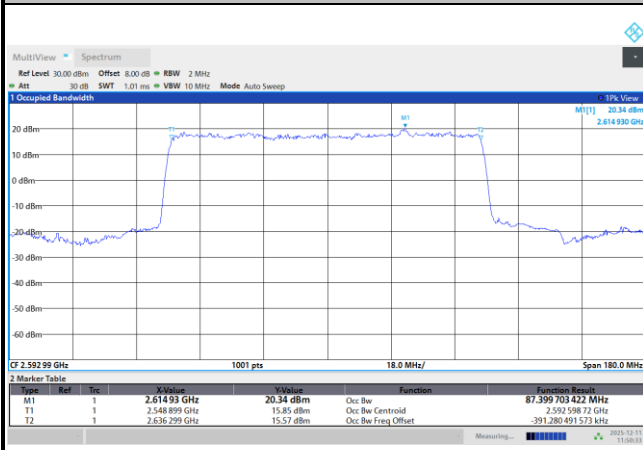


11:49:39 AM 12/11/2025



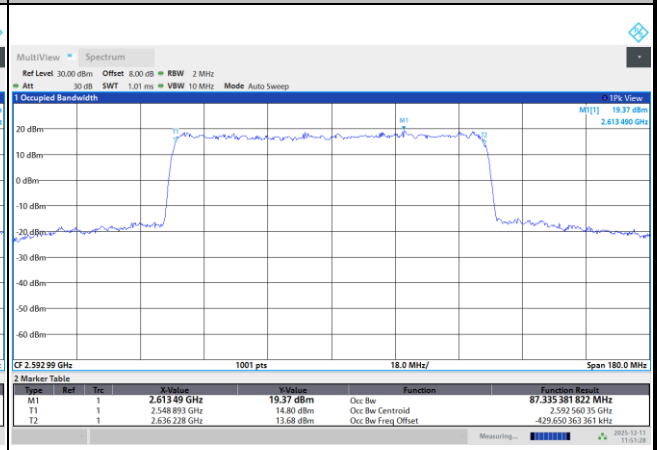
FR1 n41 / 90MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



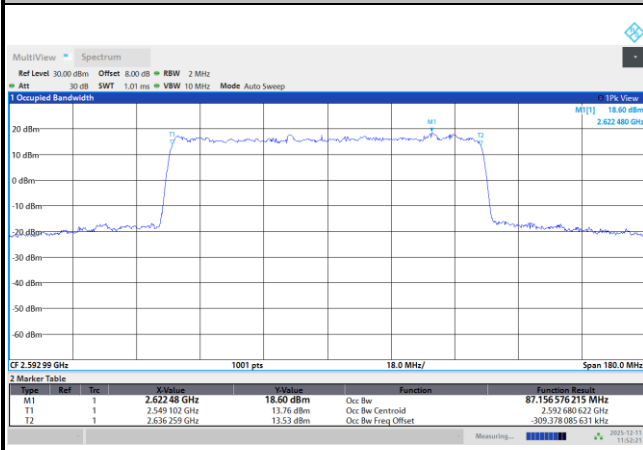
11:50:34 AM 12/11/2025

QPSK



11:51:28 AM 12/11/2025

16QAM



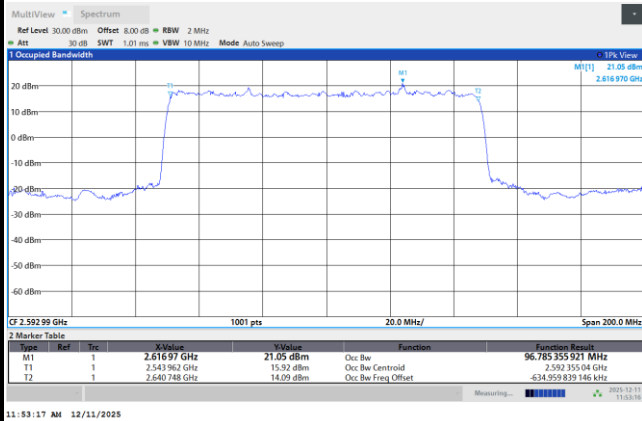
11:52:22 AM 12/11/2025



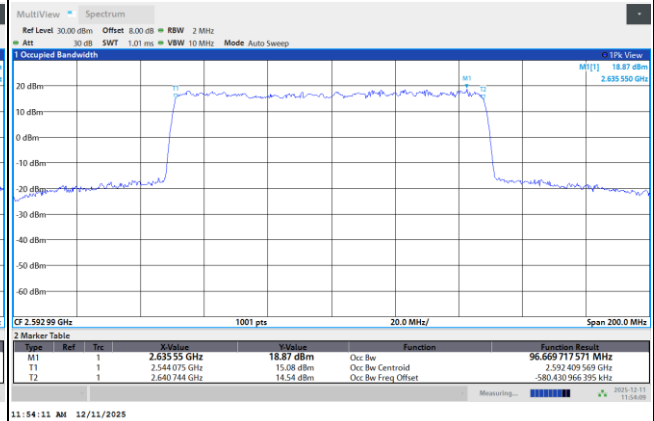
FR1 n41 / 100MHz / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

QPSK

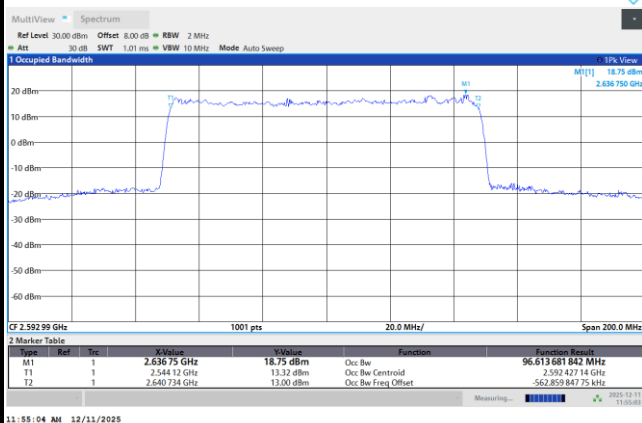


11:53:17 AM 12/11/2025



11:54:11 AM 12/11/2025

16QAM



11:55:04 AM 12/11/2025

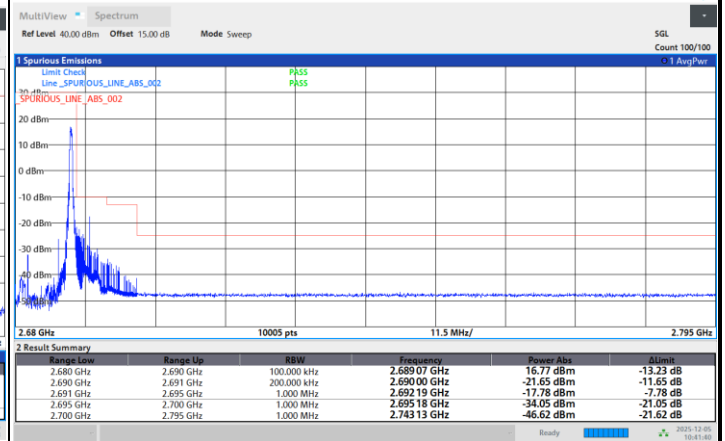
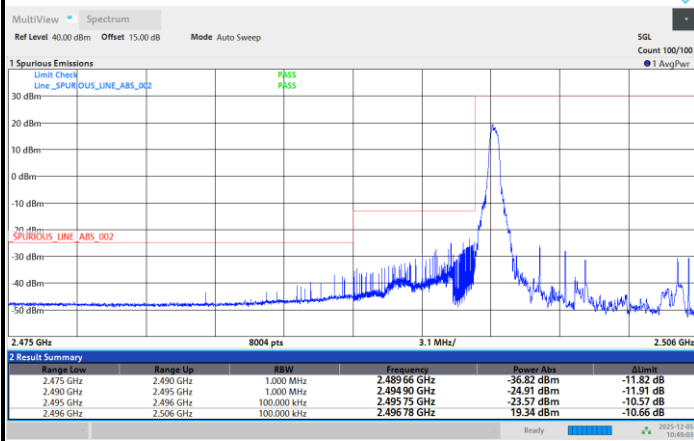


Conducted Band Edge

FR1 n41 / 10MHz / DFT-S OFDM / PI/2 BPSK

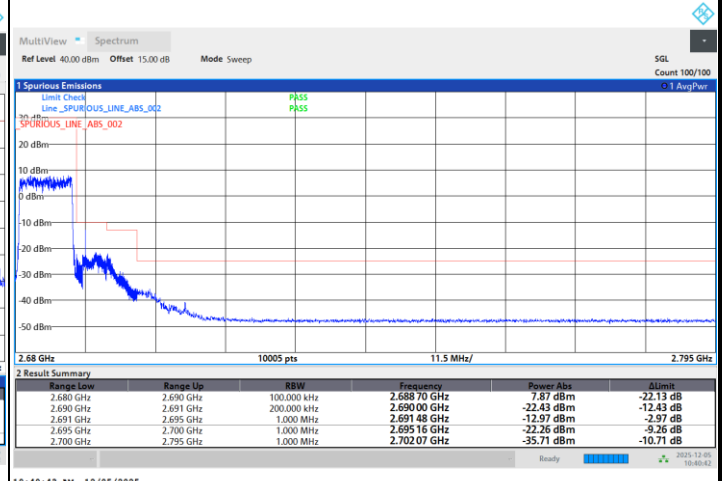
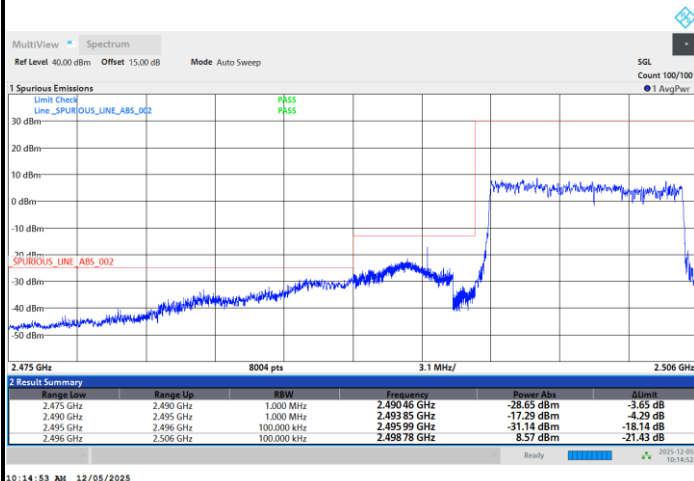
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

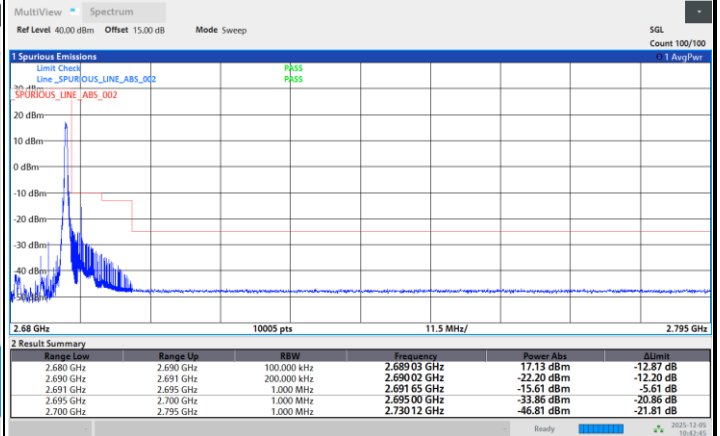
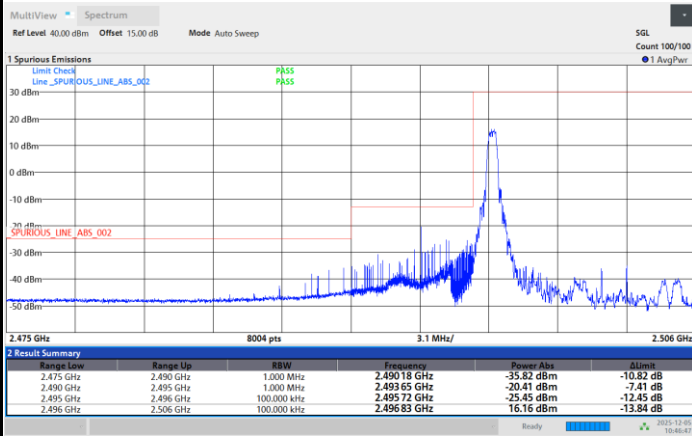




FR1 n41 / 10MHz / DFT-S OFDM / QPSK

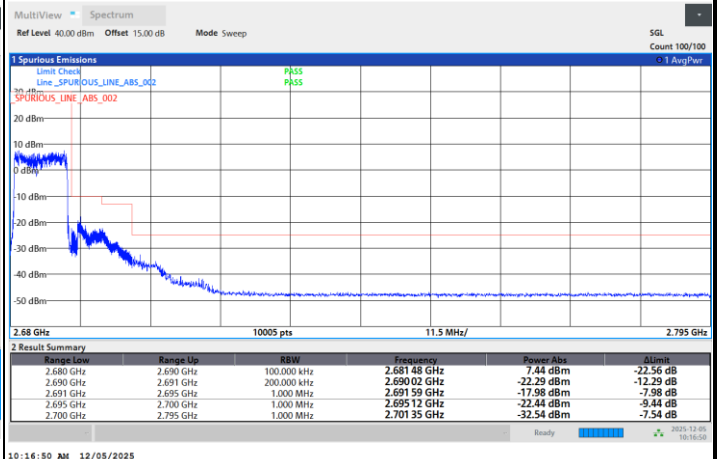
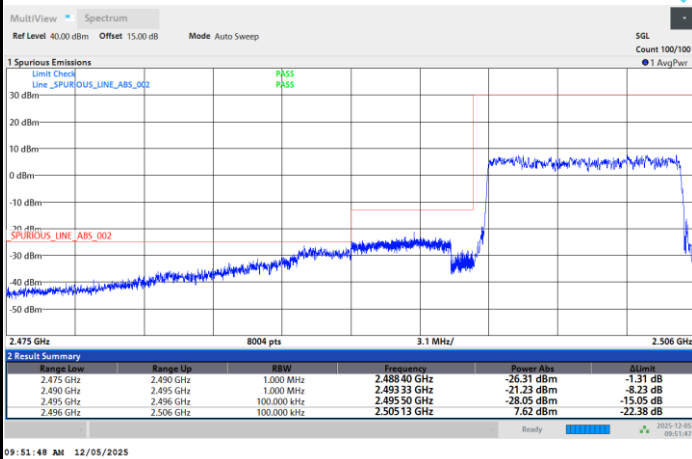
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

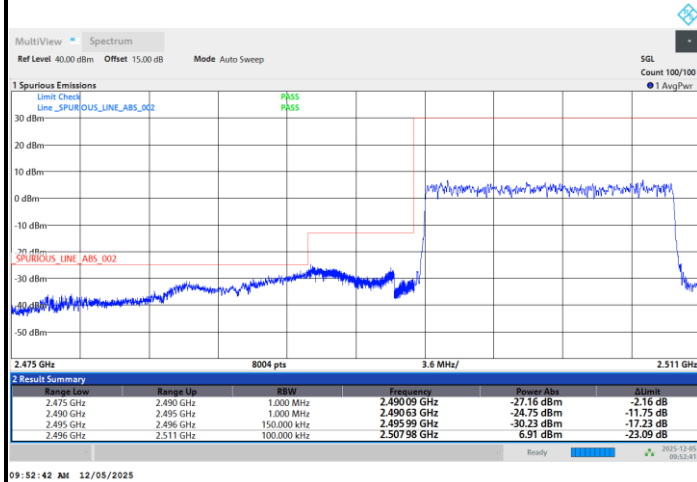
Highest Band Edge / Full RB



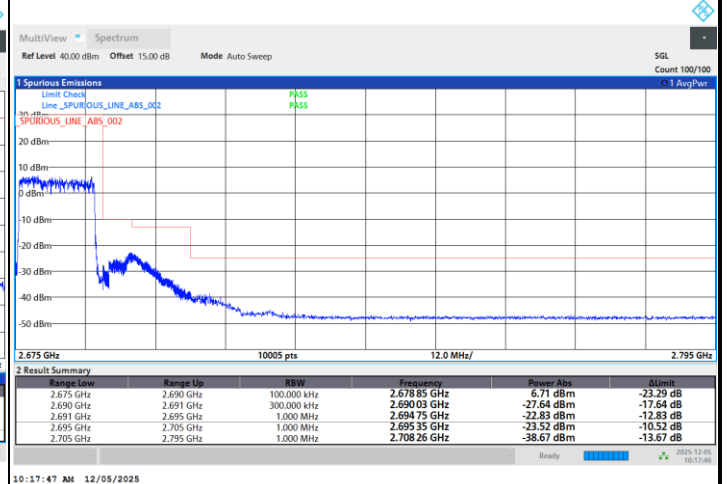


FR1 n41 / 15MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / Full RB

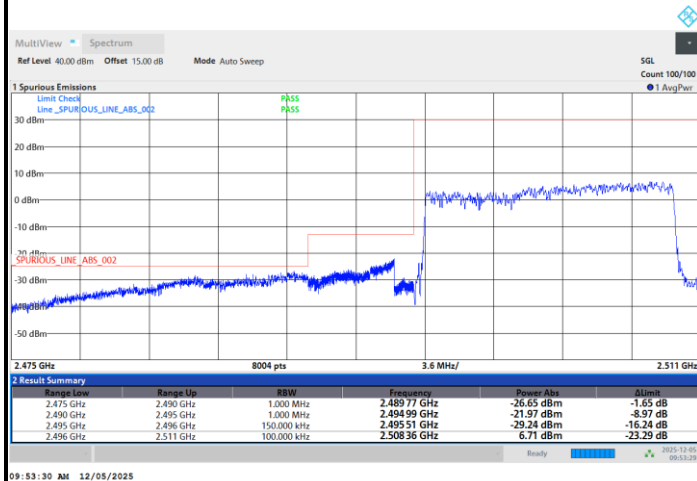


Highest Band Edge / Full RB



FR1 n41 / 15MHz / DFT-S OFDM / QPSK

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

