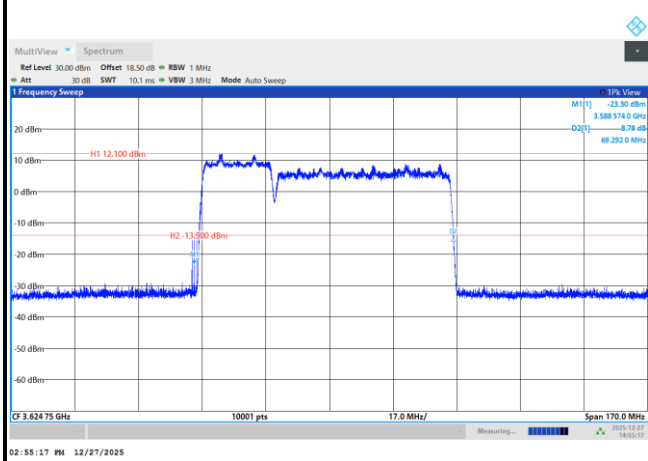
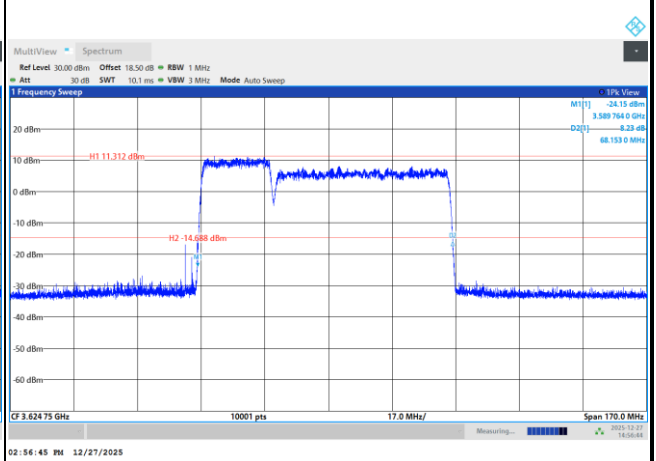
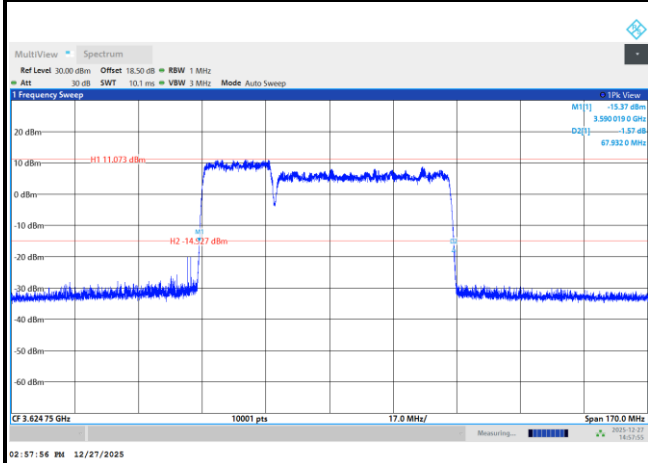


**PI/2 BPSK**

QPSK



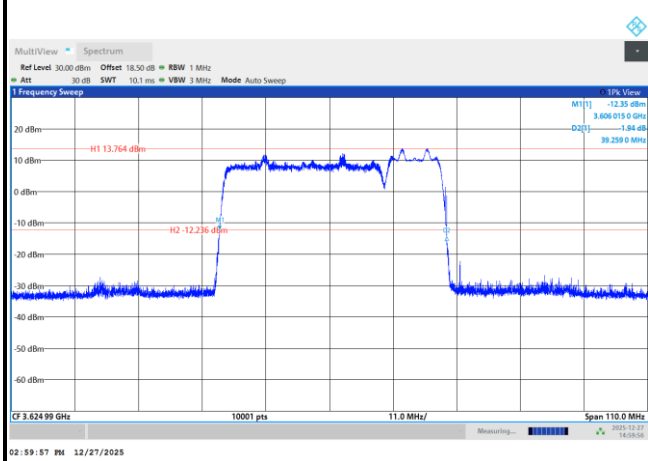
16QAM



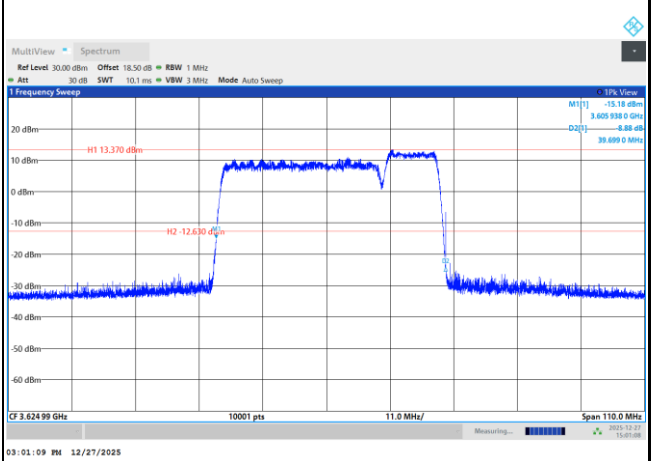


FR1 n48B / 30M10M / DFT-S OFDM / Middle Channel / Full RB

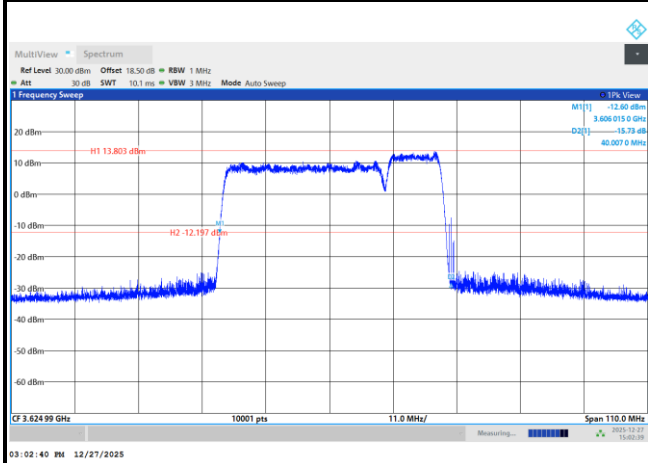
PI/2 BPSK



QPSK



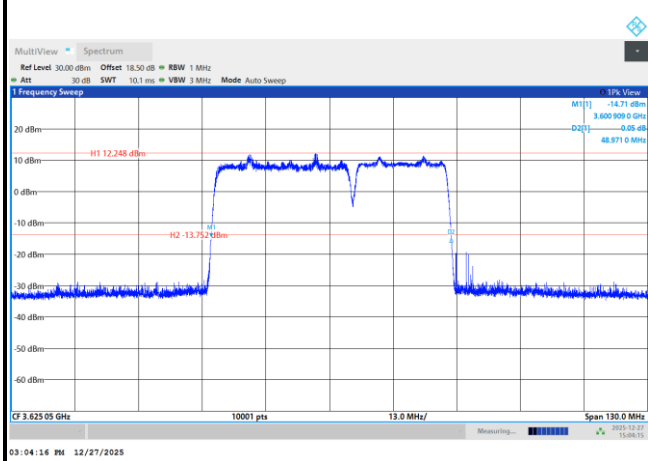
16QAM



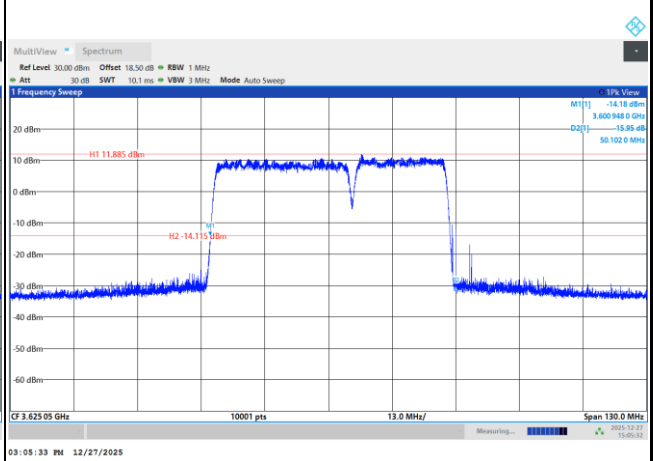


FR1 n48B / 30M20M / DFT-S OFDM / Middle Channel / Full RB

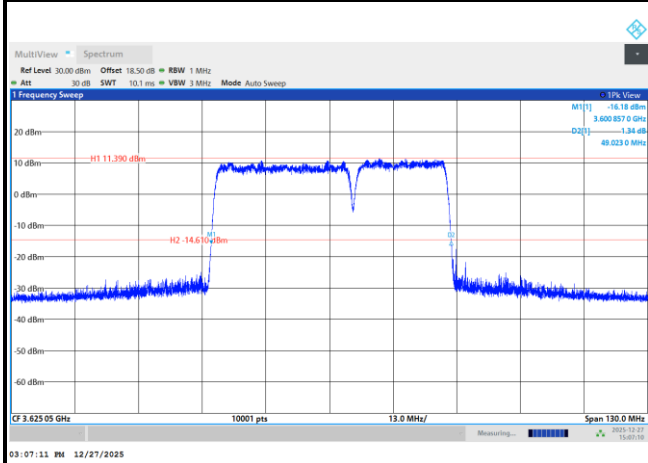
PI/2 BPSK



QPSK



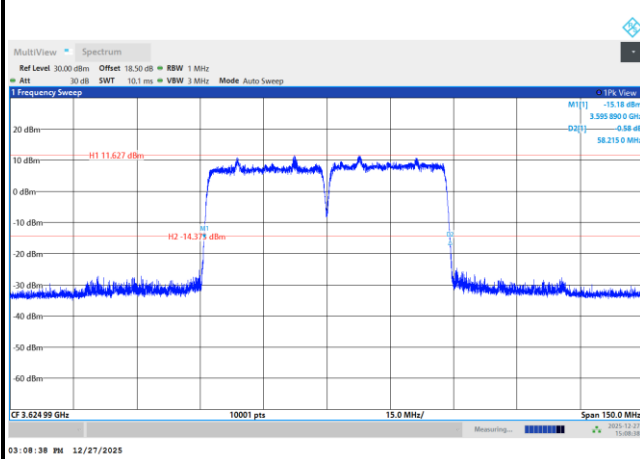
16QAM



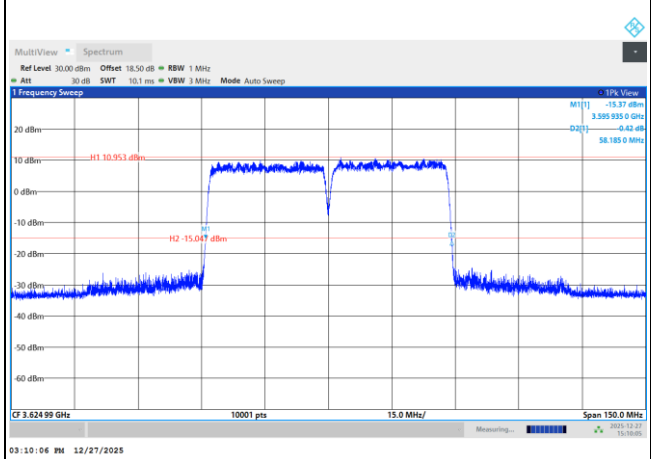


FR1 n48B / 30M30M / DFT-S OFDM / Middle Channel / Full RB

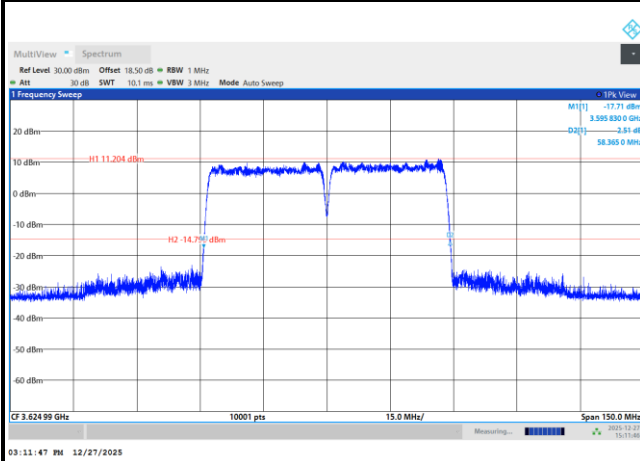
PI/2 BPSK



QPSK



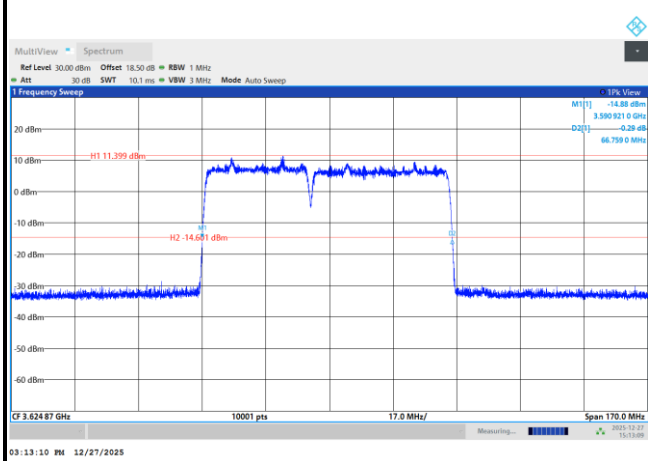
16QAM



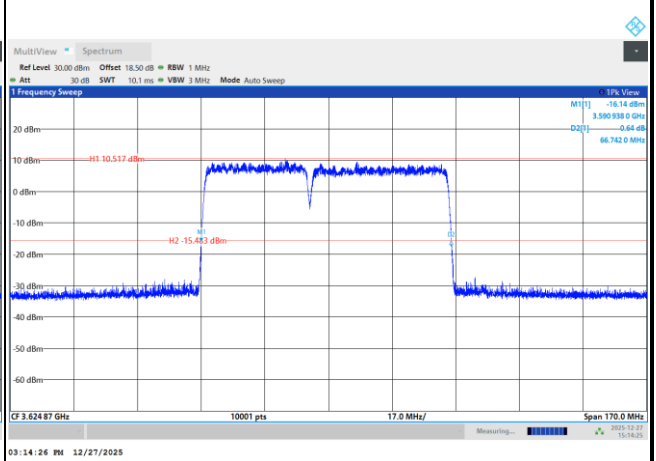


FR1 n48B / 30M40M / DFT-S OFDM / Middle Channel / Full RB

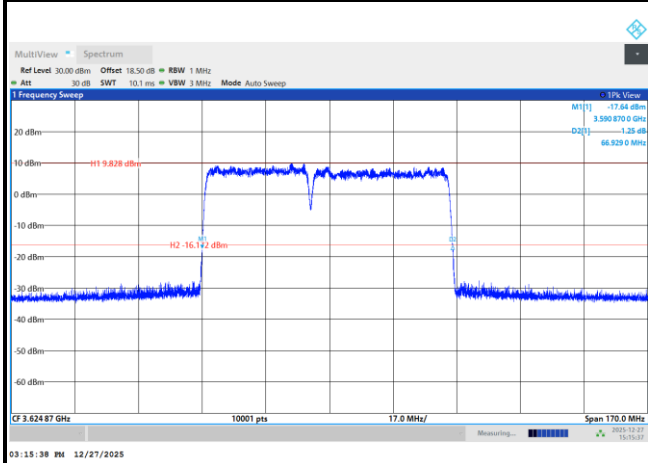
PI/2 BPSK



QPSK



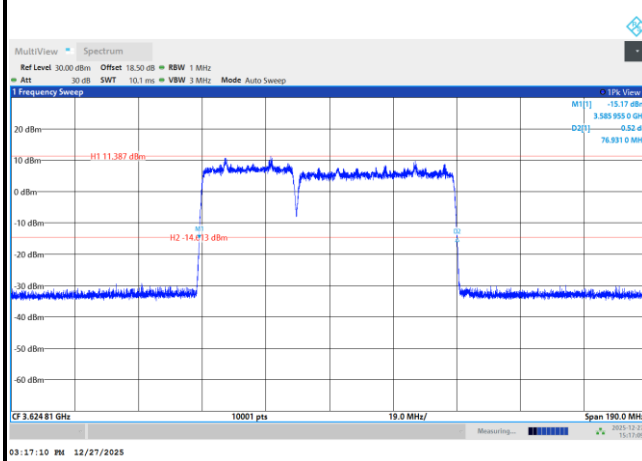
16QAM



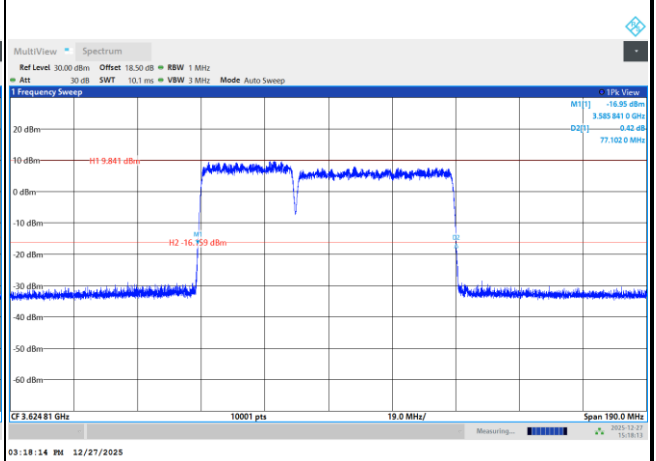


FR1 n48B / 30M50M / DFT-S OFDM / Middle Channel / Full RB

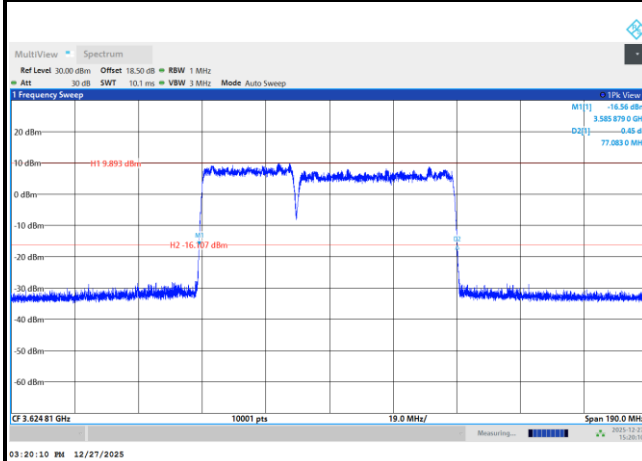
PI/2 BPSK



QPSK

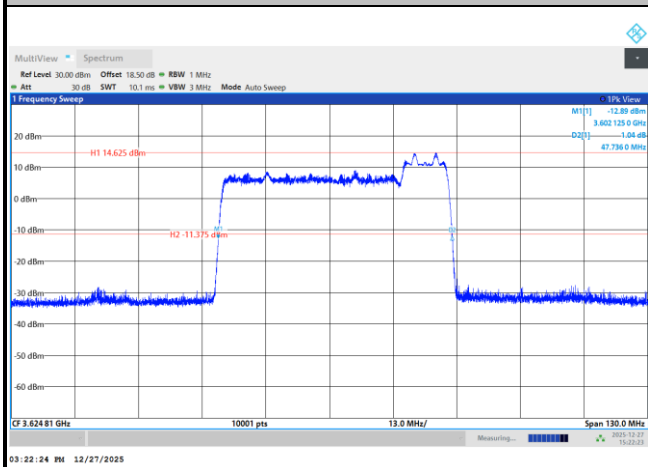


16QAM



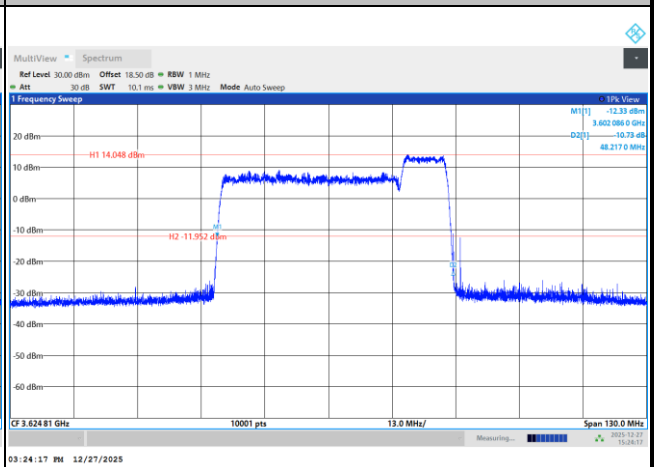
**FR1 n48B / 40M10M / DFT-S OFDM / Middle Channel / Full RB**

PI/2 BPSK



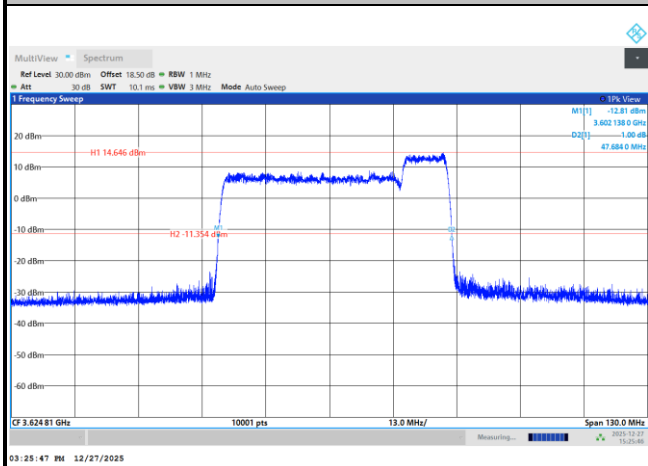
03:22:24 PM 12/27/2025

QPSK



03:24:17 PM 12/27/2025

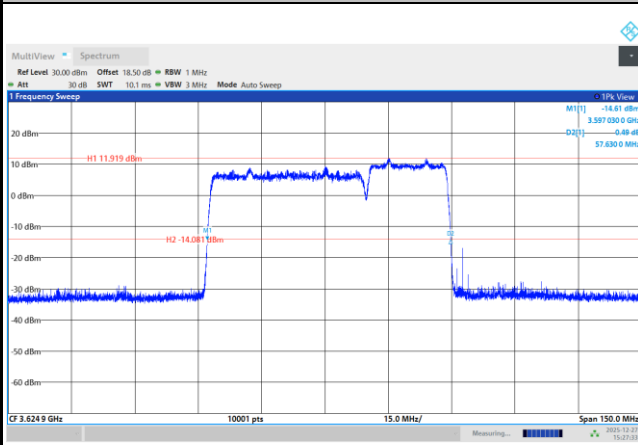
16QAM



03:25:47 PM 12/27/2025

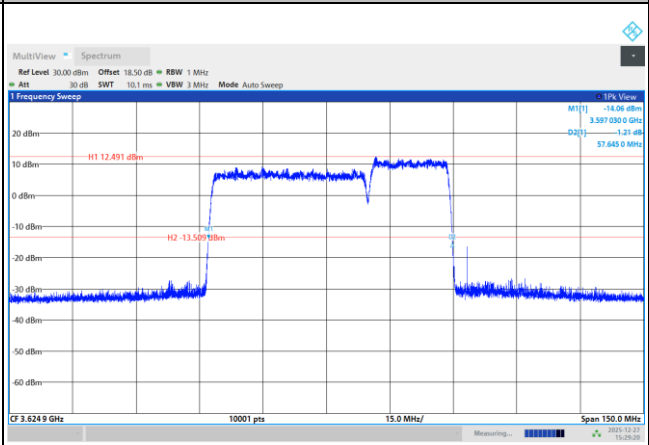


FR1 n48B / 40M20M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK

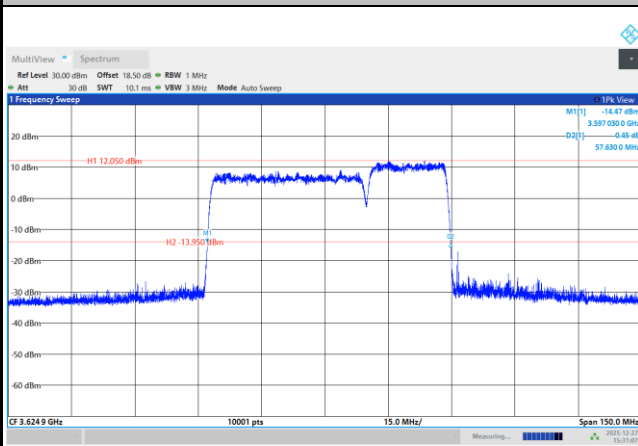
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QPSK



03:29:21 PM 12/27/2025

16QAM

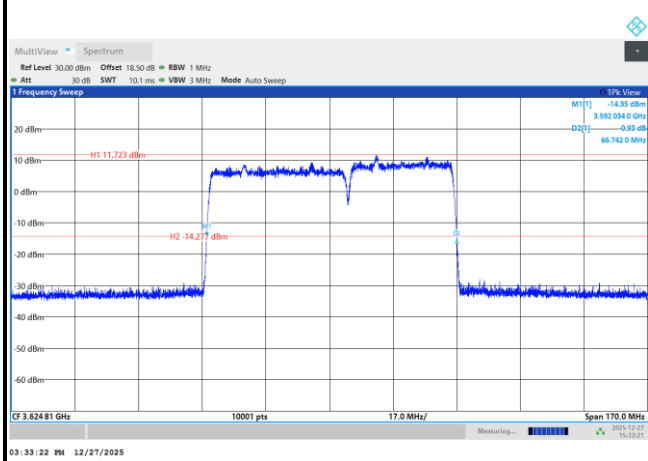


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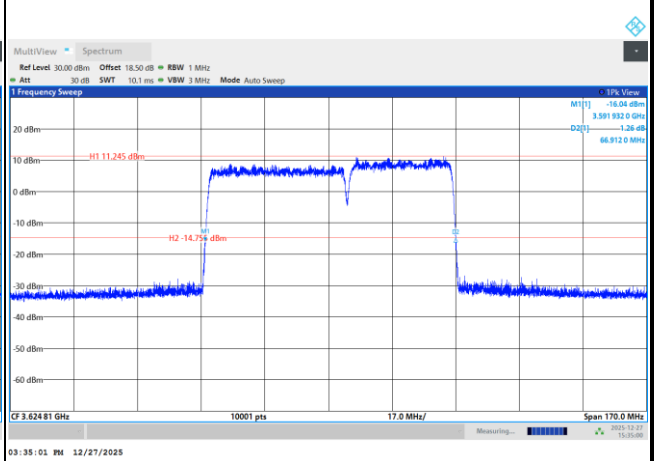


FR1 n48B / 40M30M / DFT-S OFDM / Middle Channel / Full RB

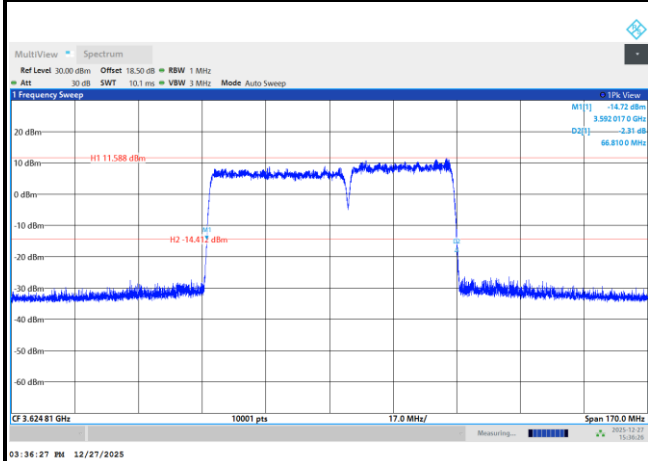
PI/2 BPSK



QPSK



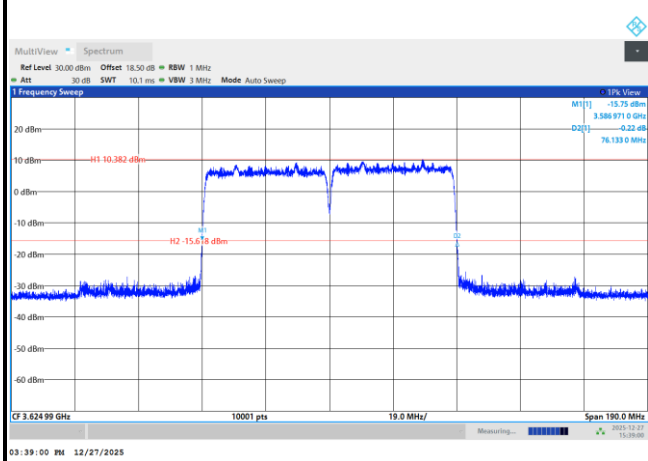
16QAM



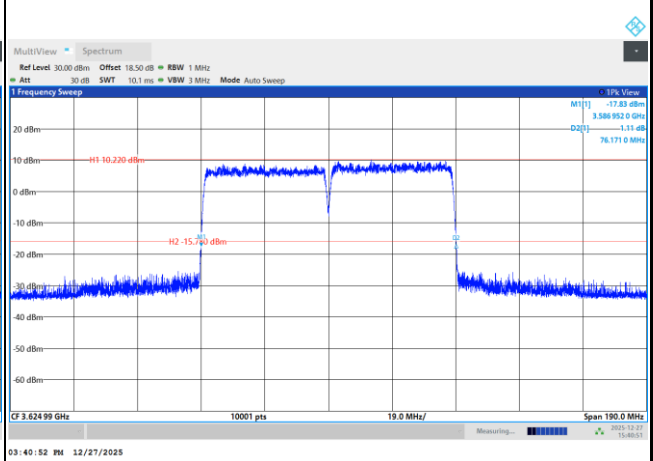


FR1 n48B / 40M40M / DFT-S OFDM / Middle Channel / Full RB

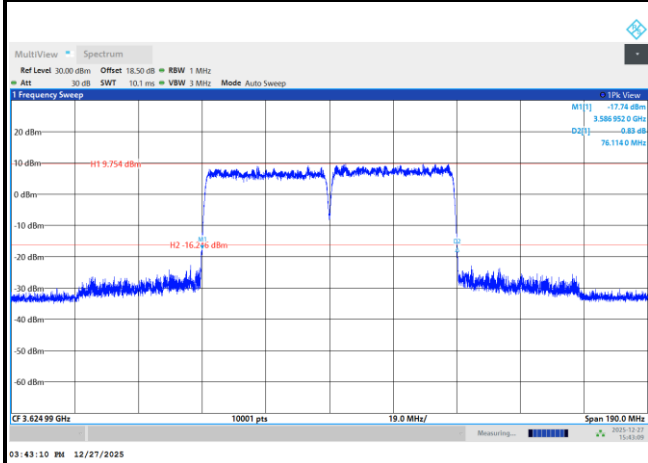
PI/2 BPSK



QPSK



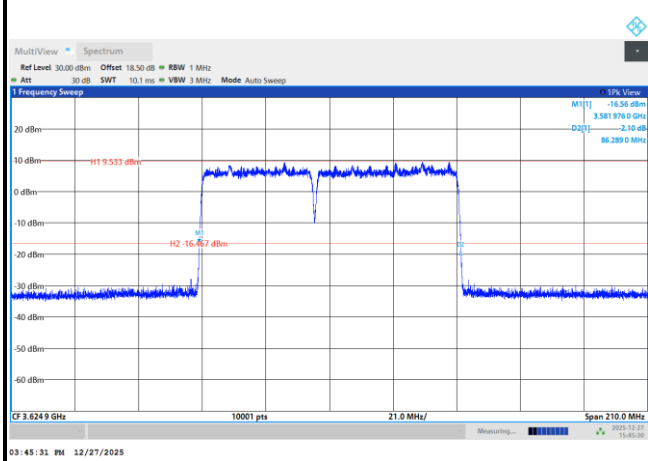
16QAM



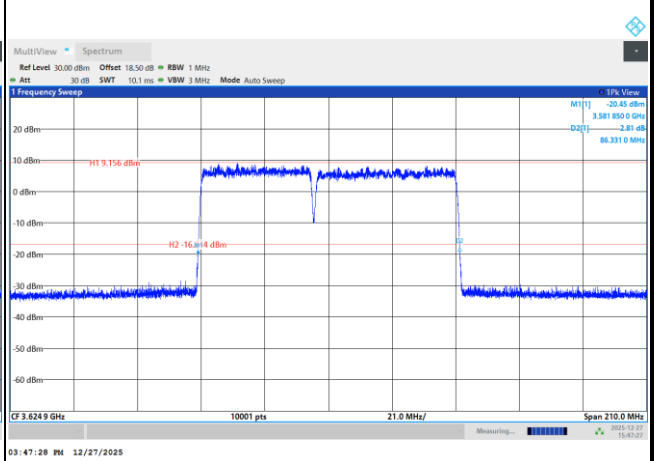


FR1 n48B / 40M50M / DFT-S OFDM / Middle Channel / Full RB

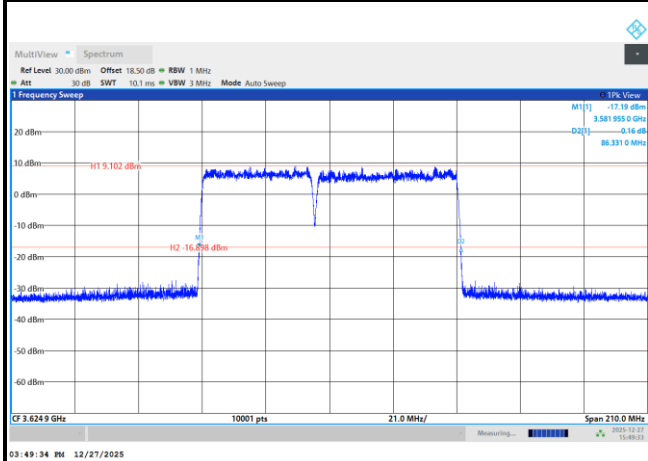
PI/2 BPSK



QPSK



16QAM



**Occupied Bandwidth**

Mode	FR1 n48B : 99%OBW(MHz) / DFT-S OFDM							
BW	10M15M		10M20M		10M30M		10M40M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	23.53	23.30	28.14	28.06	37.14	37.16	45.71	45.69
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	23.21		28.01		36.98		45.55	
BW	10M50M		15M10M		15M15M		15M20M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	55.86	55.78	23.33	23.39	27.55	27.42	32.30	32.27
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	55.66		23.23		27.38		32.21	
BW	15M30M		15M40M		20M10M		20M15M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	41.34	41.37	49.82	49.84	28.13	28.15	32.44	32.19
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	41.20		49.68		27.98		32.19	
BW	20M20M		20M30M		20M40M		20M50M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	37.81	37.65	46.69	46.66	55.16	55.21	65.45	65.38
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	37.59		46.56		55.12		65.32	

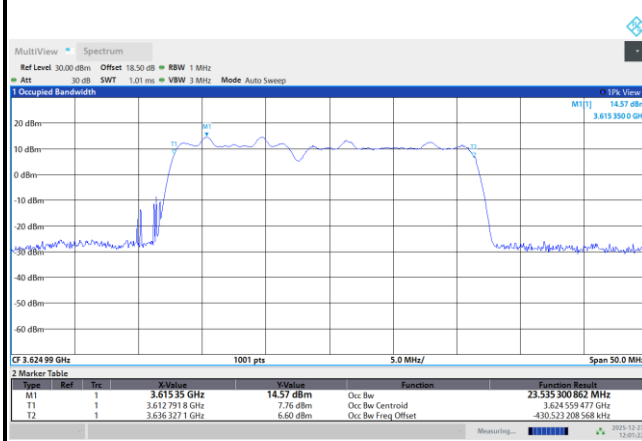


Mode	FR1 n48B : 99%OBW(MHz) / DFT-S OFDM							
BW	30M10M		30M20M		30M30M		30M40M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	37.14	37.07	46.77	46.54	55.58	55.58	64.18	64.15
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	37.04		46.65		55.66		64.16	
BW	30M50M		40M10M		40M20M		40M30M	
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK
Middle CH	74.33	74.30	45.77	45.69	55.35	55.22	64.17	64.19
Mod.	16QAM		16QAM		16QAM		16QAM	
Middle CH	74.25		45.52		55.14		64.06	
BW	40M40M		40M50M					
Mod.	PI/2 BPSK	QPSK	PI/2 BPSK	QPSK				
Middle CH	73.33	73.31	83.38	83.25				
Mod.	16QAM		16QAM					
Middle CH	73.21		83.28					



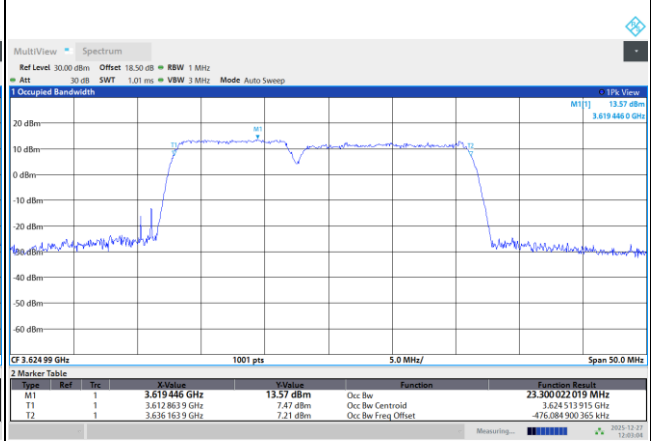
FR1 n48B / 10M15M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



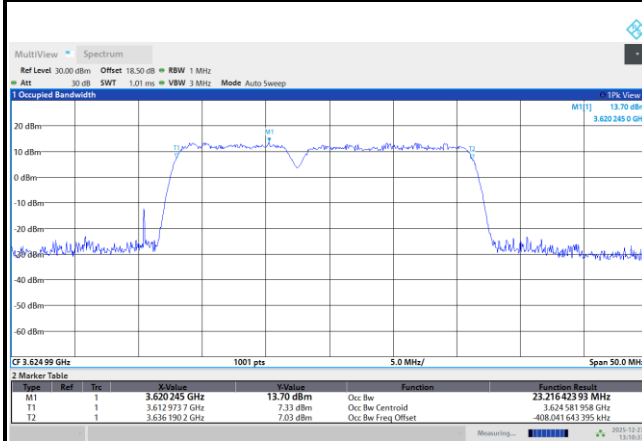
12:01:23 PM 12/27/2025

QPSK



12:03:05 PM 12/27/2025

16QAM

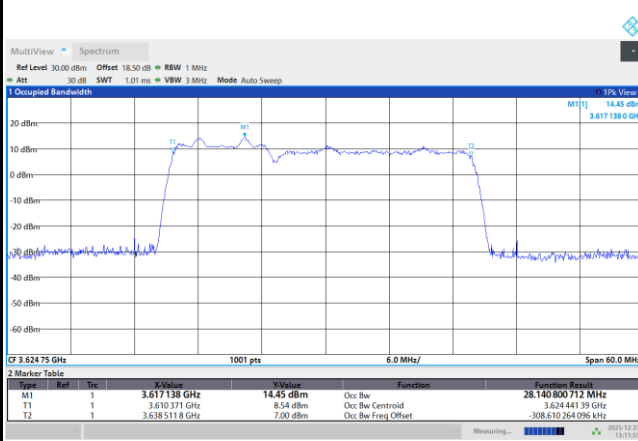


01:10:38 PM 12/27/2025



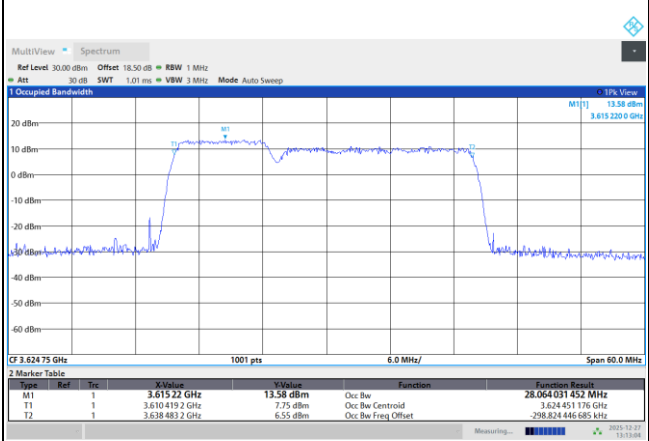
FR1 n48B / 10M20M / DFT-S OFDM / Middle Channel / Full RB

QPSK



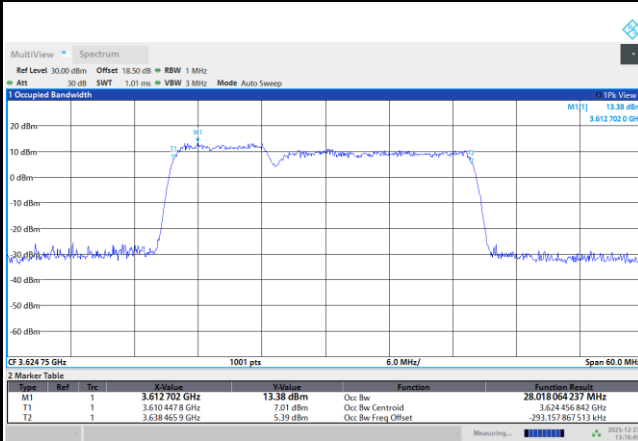
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QPSK



01:13:05 PM 12/27/2025

16QAM

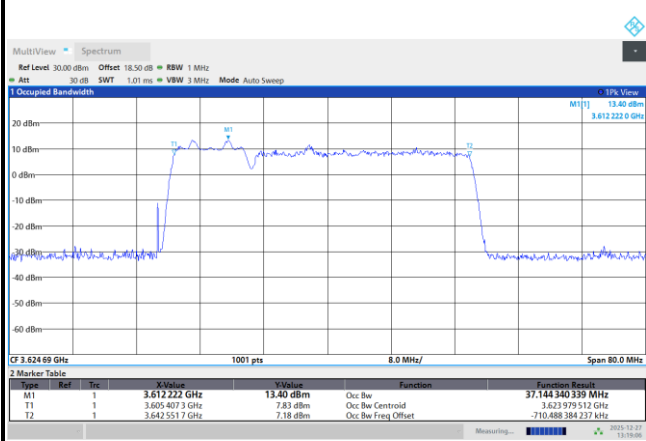


01:16:50 PM 12/27/2025



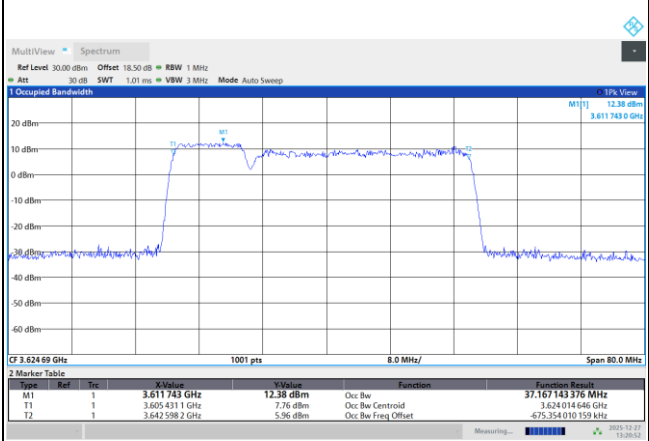
FR1 n48B / 10M30M / DFT-S OFDM / Middle Channel / Full RB

QPSK



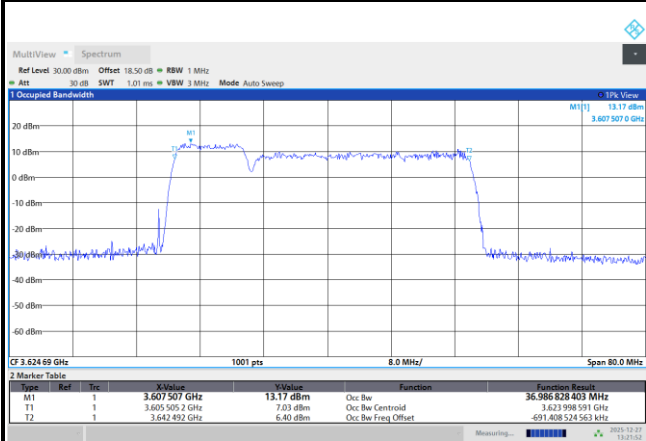
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QPSK



01:20:52 PM 12/27/2025

16QAM

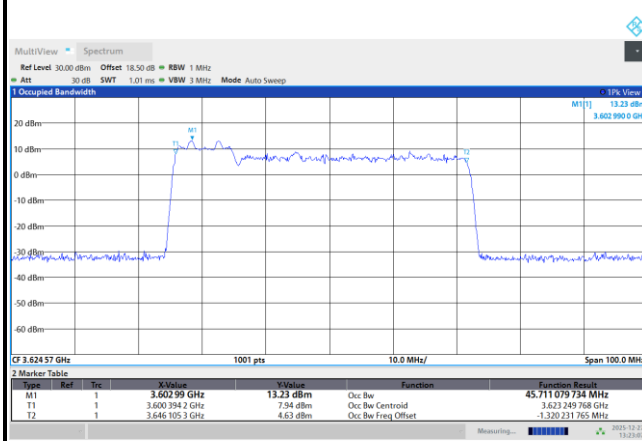


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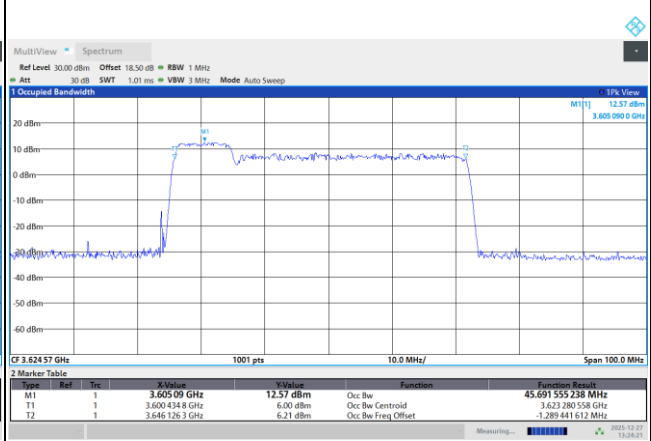
FR1 n48B / 10M40M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



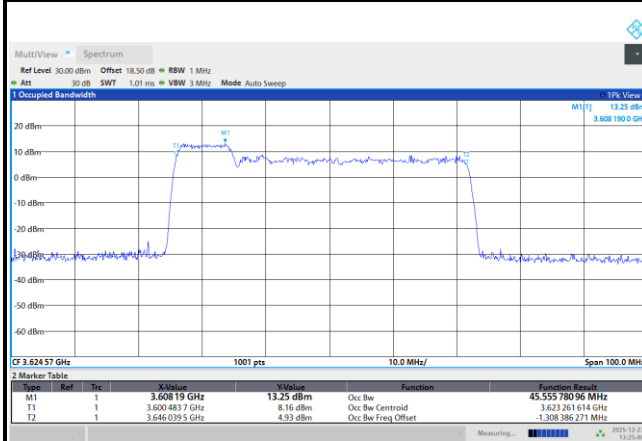
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QPSK



01:24:22 PM 12/27/2025

16QAM

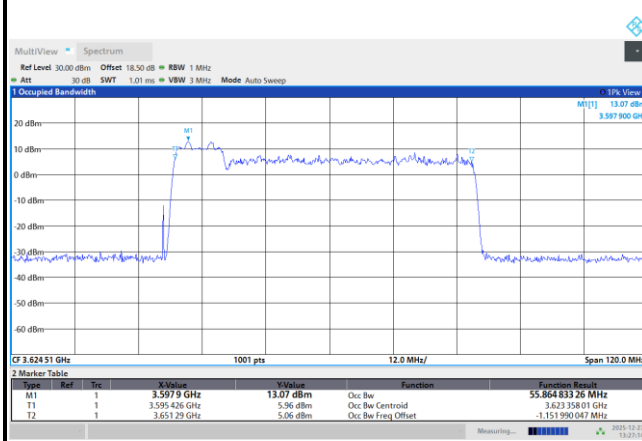


01:25:47 PM 12/27/2025

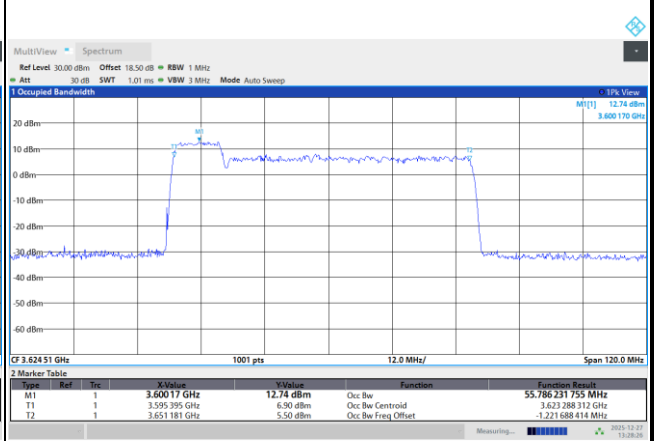


FR1 n48B / 10M50M / DFT-S OFDM / Middle Channel / Full RB

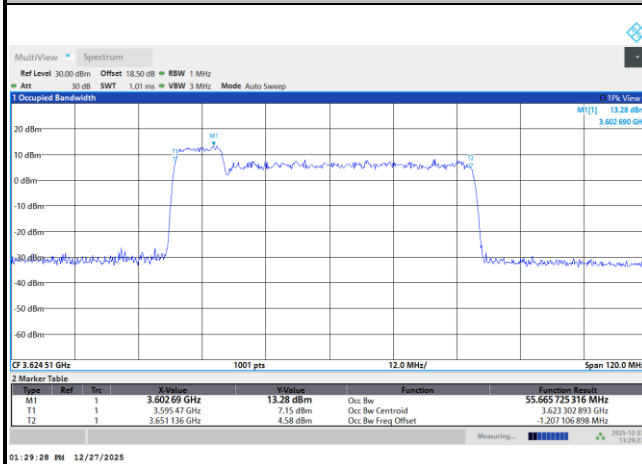
PI/2 BPSK



QPSK



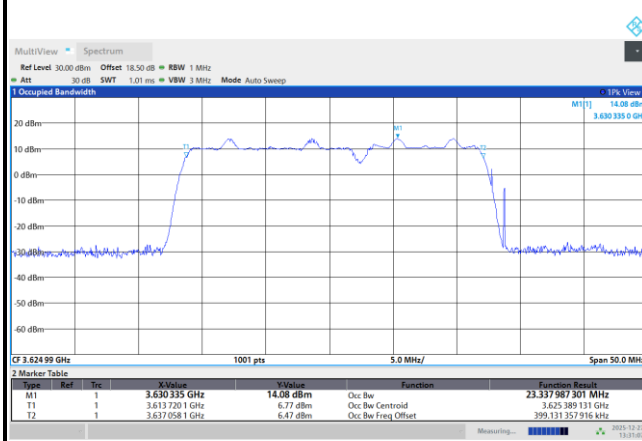
16QAM





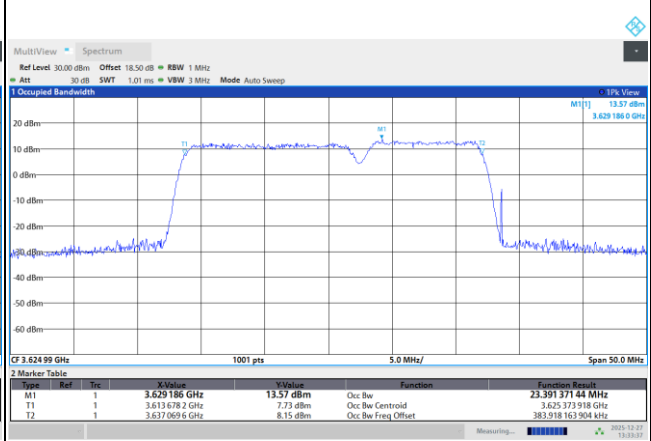
FR1 n48B / 15M10M/ DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



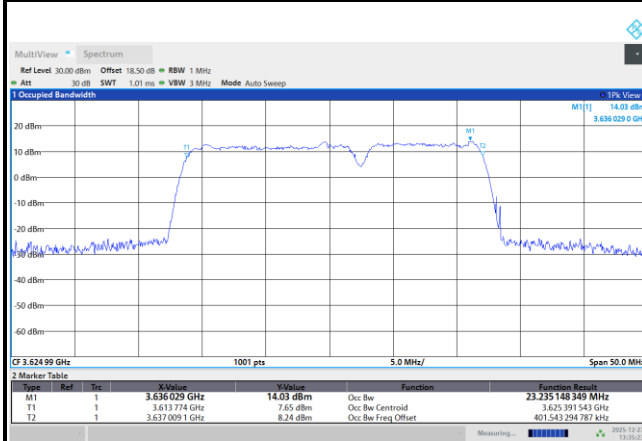
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QPSK



01:33:38 PM 12/27/2025

16QAM

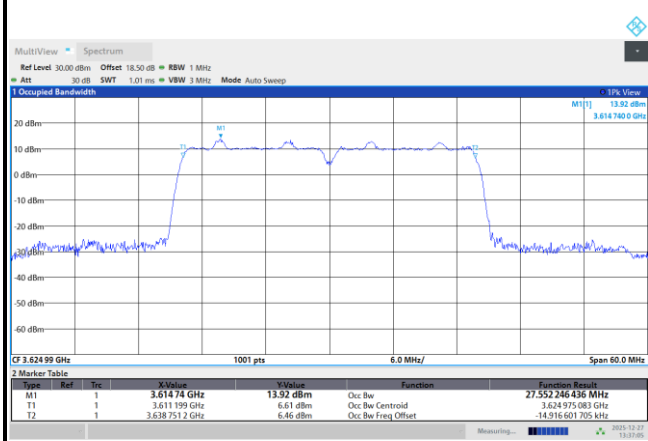


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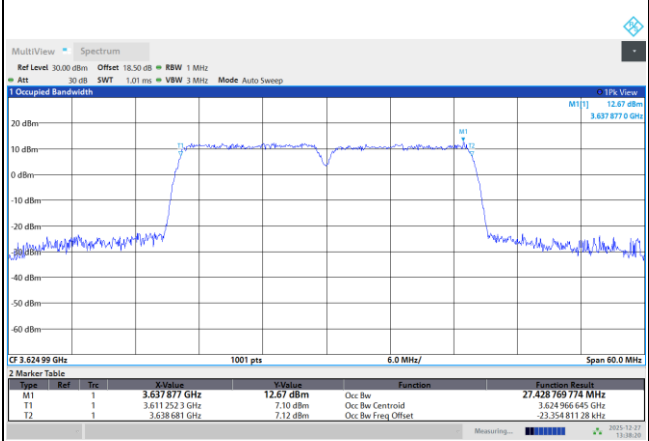
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PI/2 BPSK



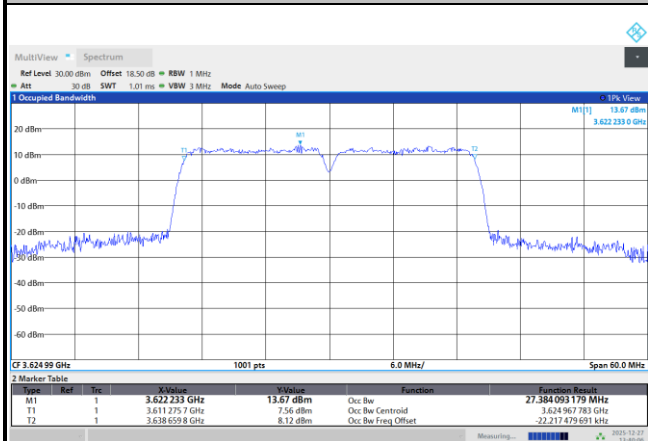
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QPSK



01:38:21 PM 12/27/2025

16QAM

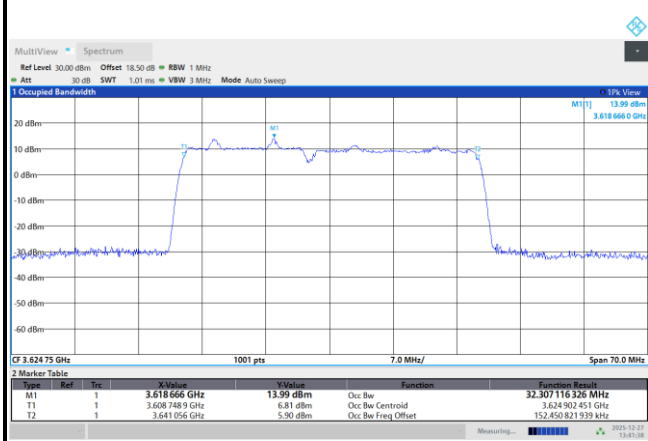


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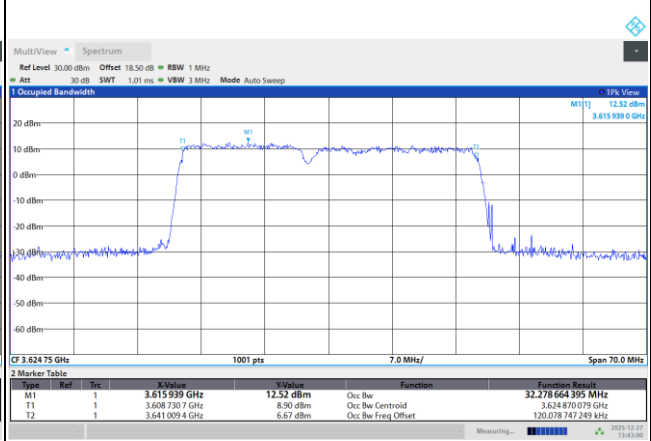
FR1 n48B / 15M20M/ DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



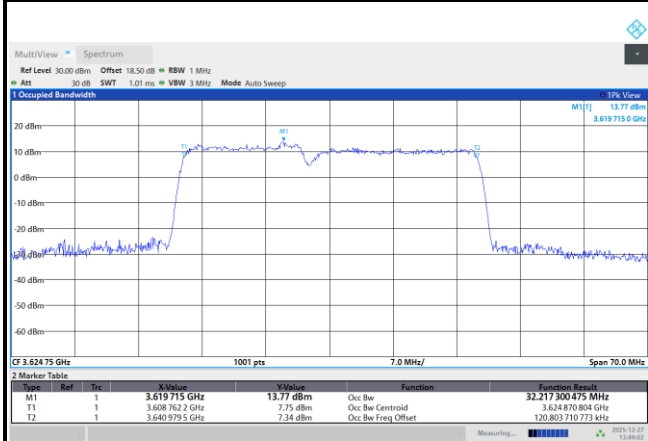
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QPSK



01:43:00 PM 12/27/2025

16QAM

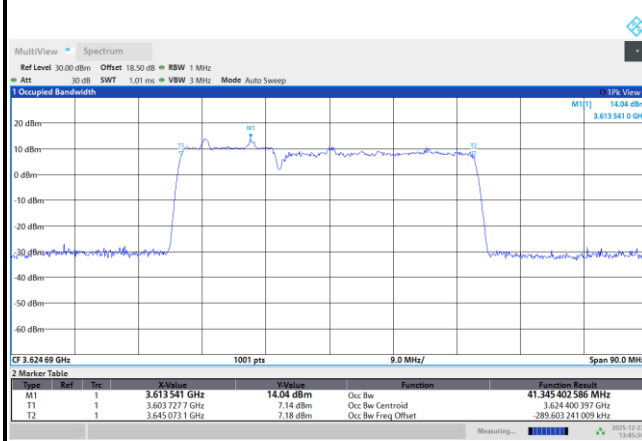


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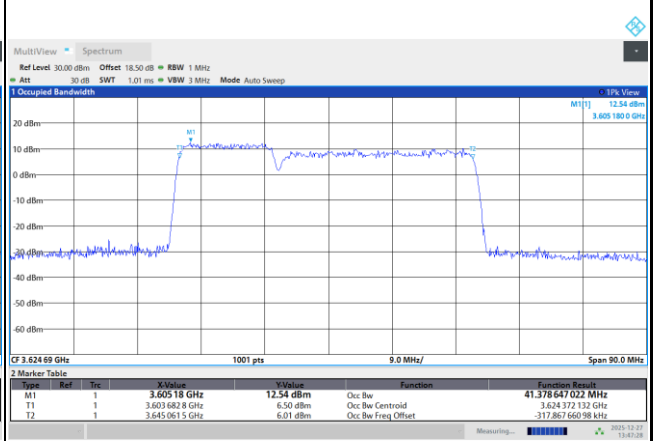
FR1 n48B / 15M30M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



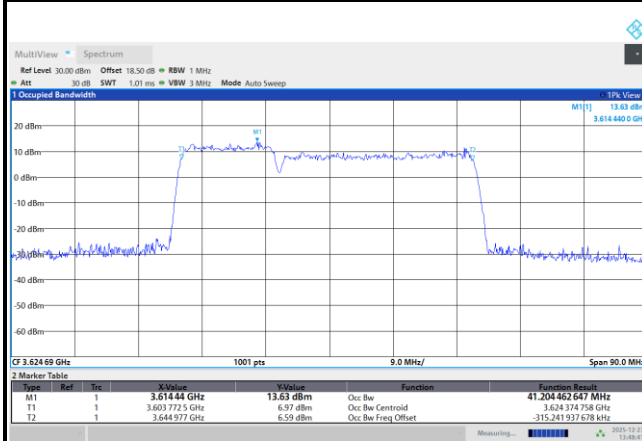
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QPSK



01:47:28 PM 12/27/2025

16QAM

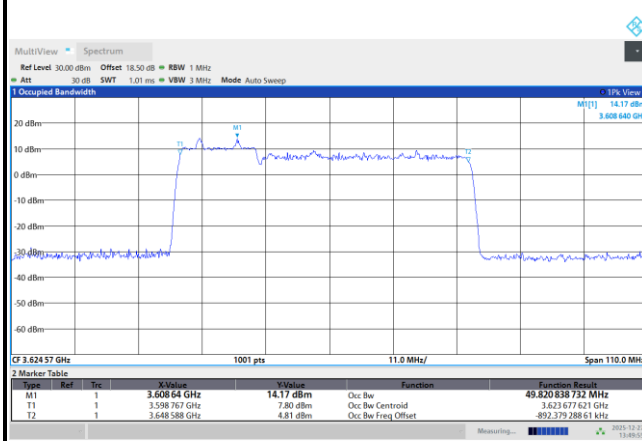


01:48:42 PM 12/27/2025



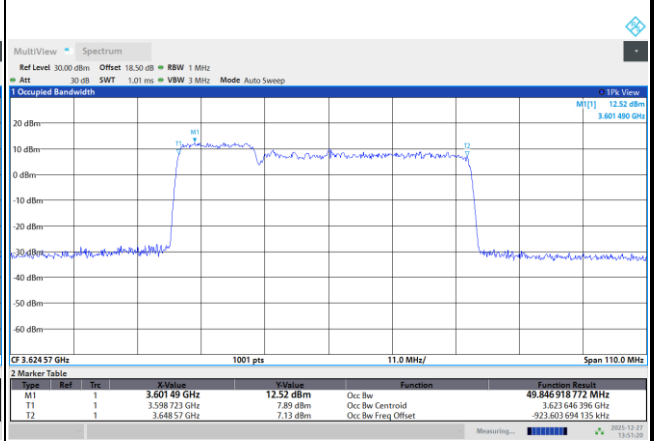
FR1 n48B / 15M40M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



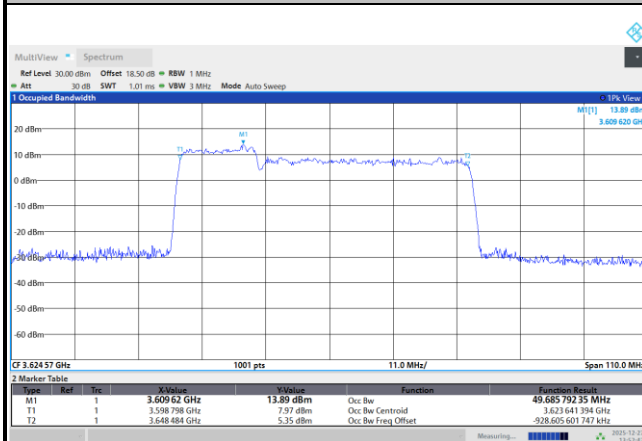
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QPSK



01:51:20 PM 12/27/2025

16QAM

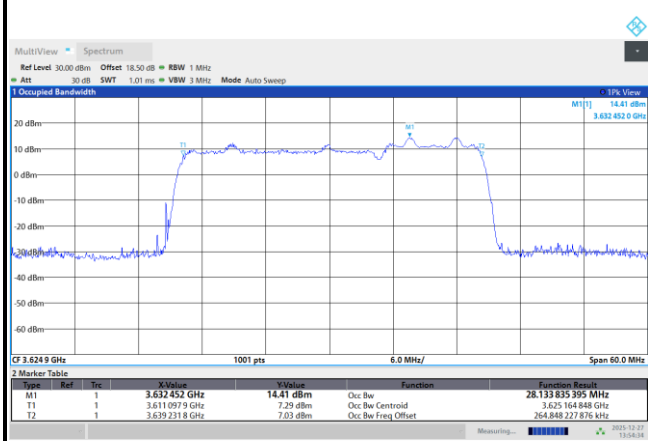


01:52:43 PM 12/27/2025



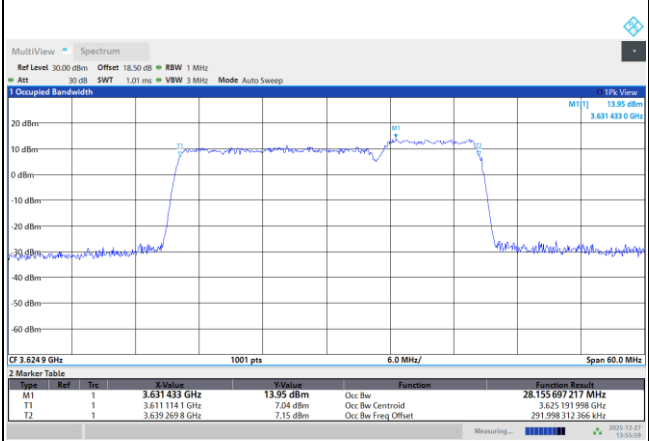
FR1 n48B / 20M10M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



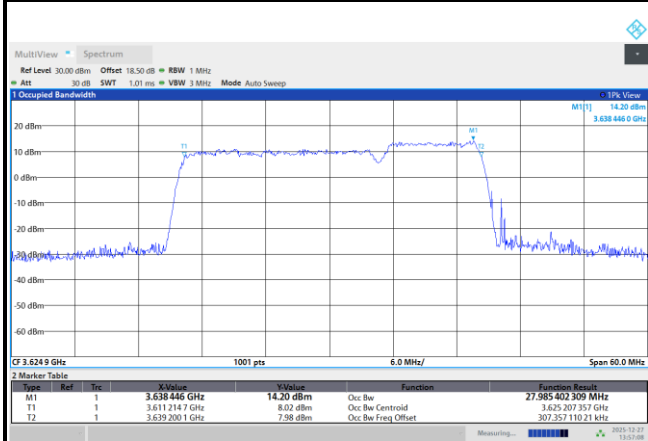
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QPSK



01:56:00 PM 12/27/2025

16QAM

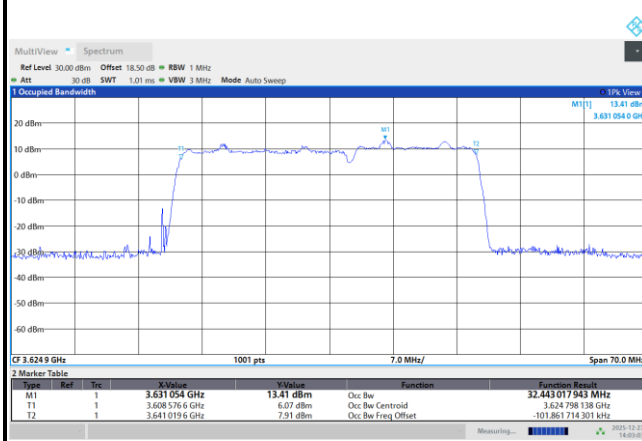


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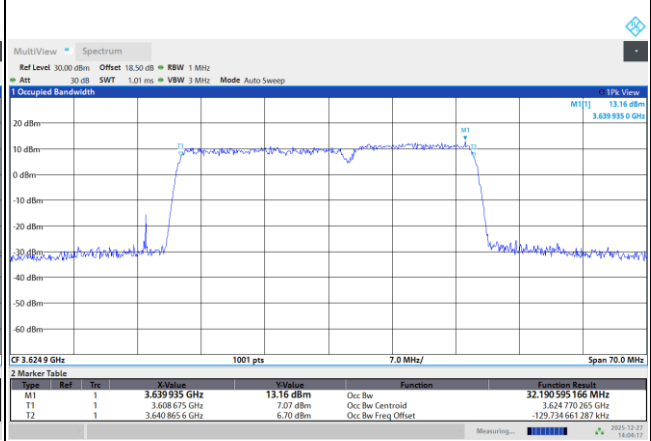
FR1 n48B / 40M100 / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



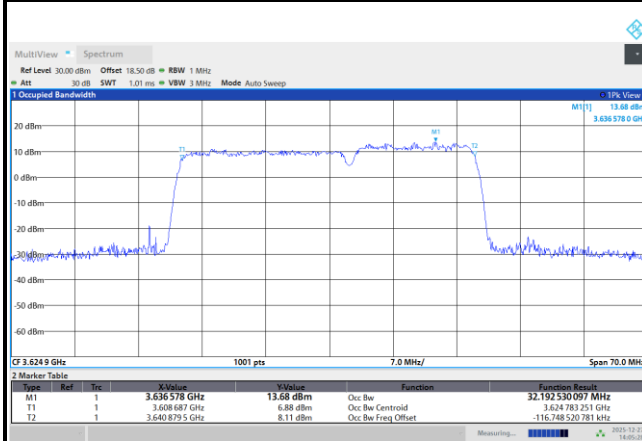
02:03:04 PM 12/27/2025

QPSK



02:04:18 PM 12/27/2025

16QAM

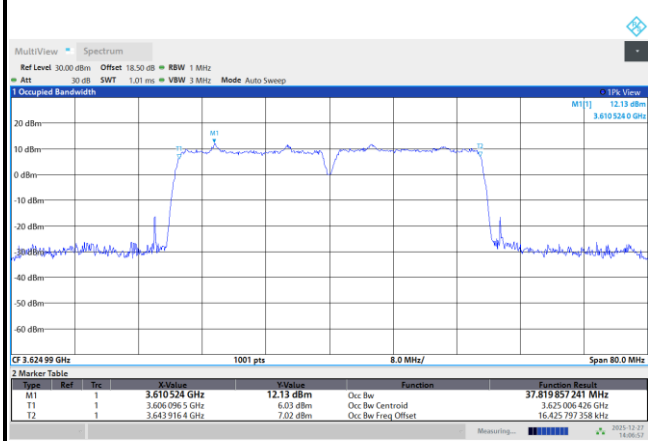


02:05:29 PM 12/27/2025



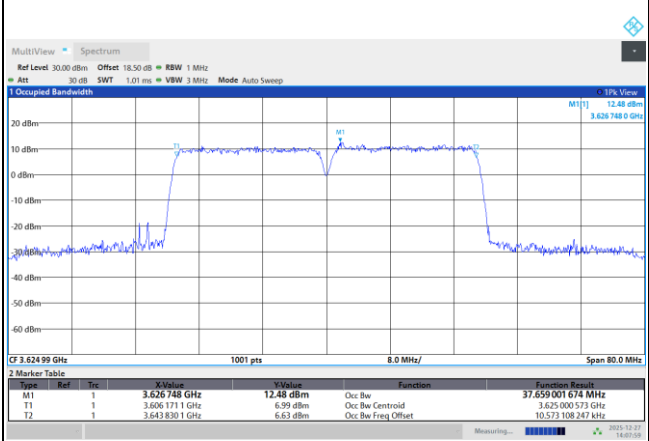
FR1 n48B / 20M20M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



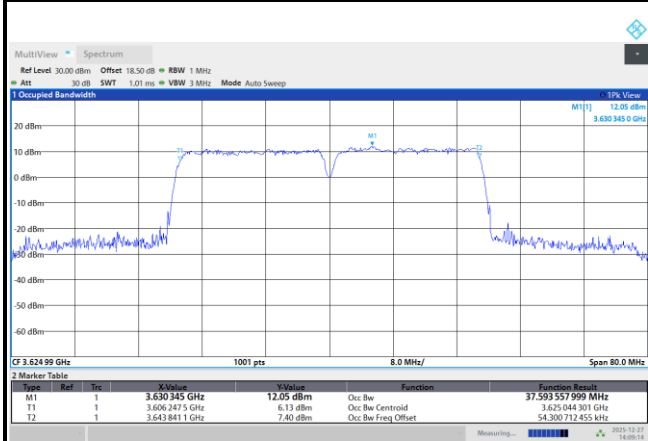
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QPSK



02:08:00 PM 12/27/2025

16QAM

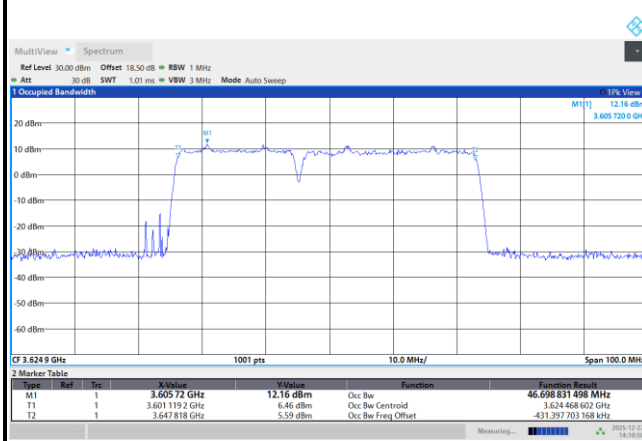


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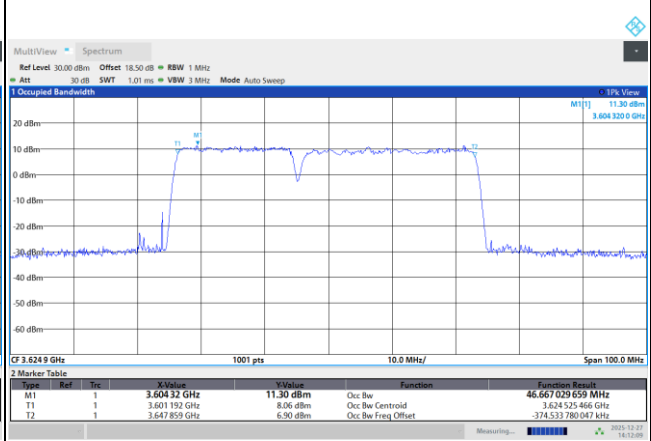
FR1 n48B / 20M30M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



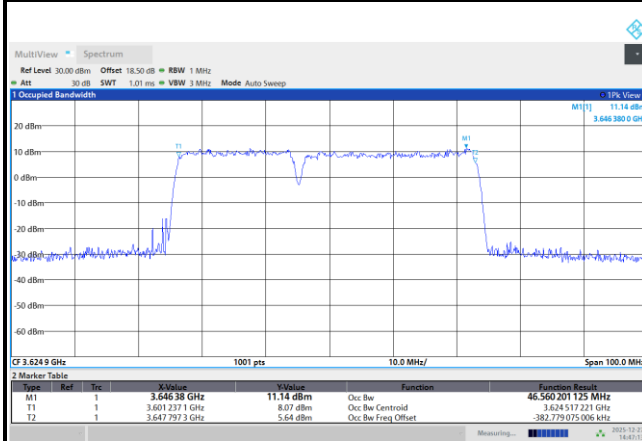
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QPSK



02:12:09 PM 12/27/2025

16QAM

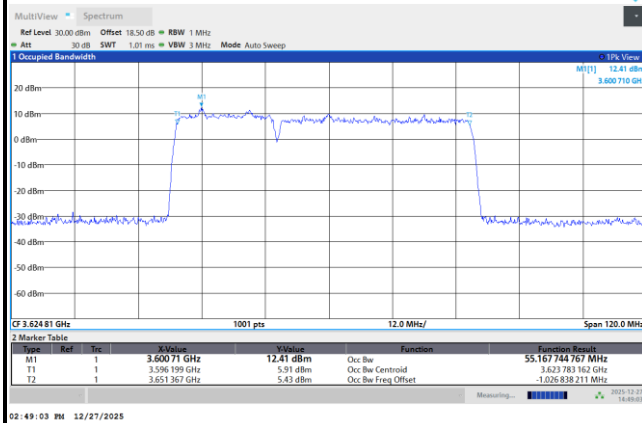


02:47:14 PM 12/27/2025



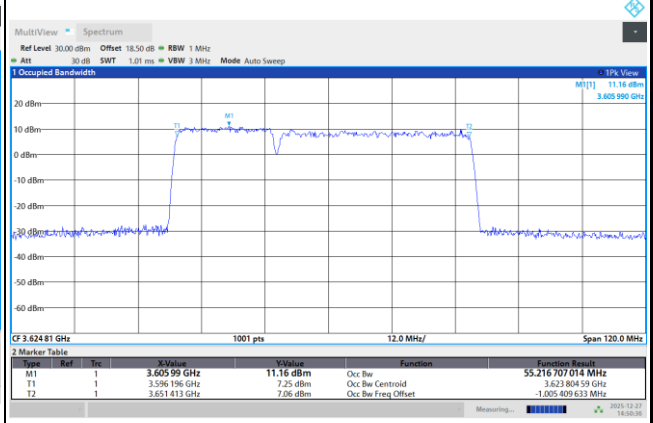
FR1 n48B / 20M40M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



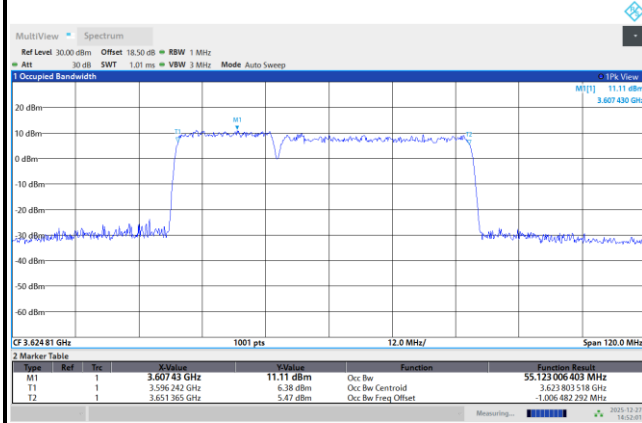
02:49:03 PM 12/27/2025

QPSK



02:50:37 PM 12/27/2025

16QAM

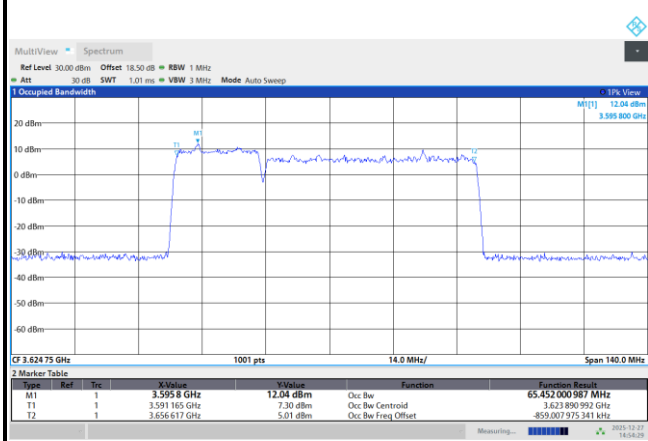


02:52:02 PM 12/27/2025

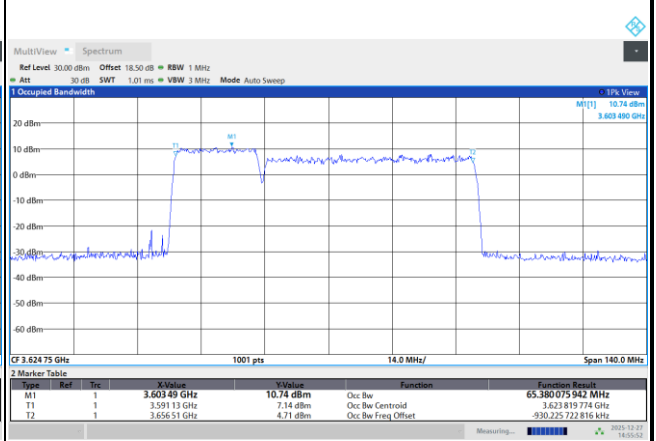


FR1 n48B / 20M50M / DFT-S OFDM / Middle Channel / Full RB

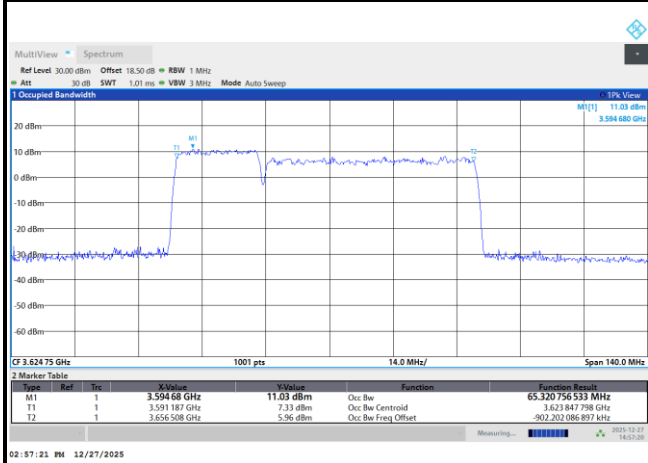
PI/2 BPSK



QPSK



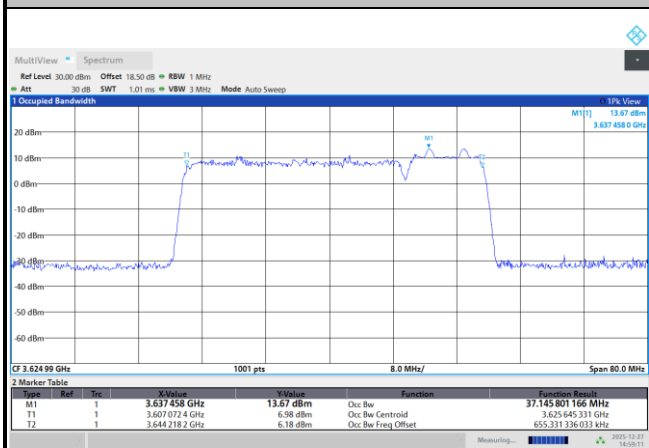
16QAM





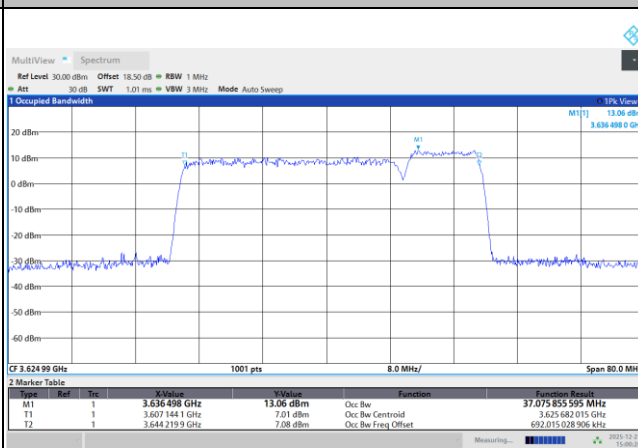
FR1 n48B / 30M10M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



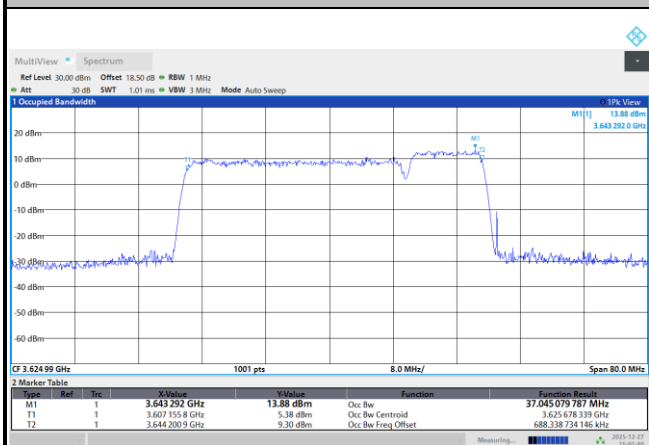
02:59:11 PM 12/27/2025

QPSK



03:00:27 PM 12/27/2025

16QAM

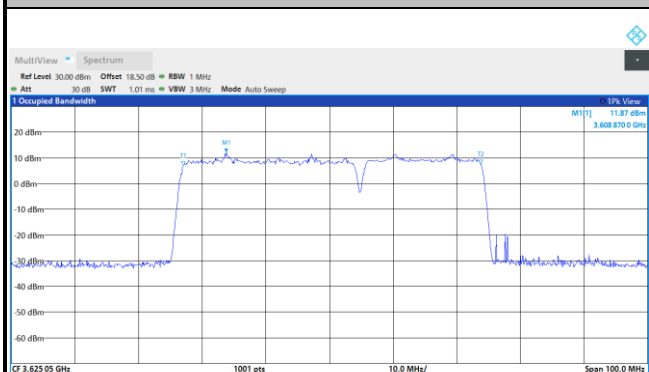


03:01:41 PM 12/27/2025



FR1 n48B / 30M20M / DFT-S OFDM / Middle Channel / Full RB

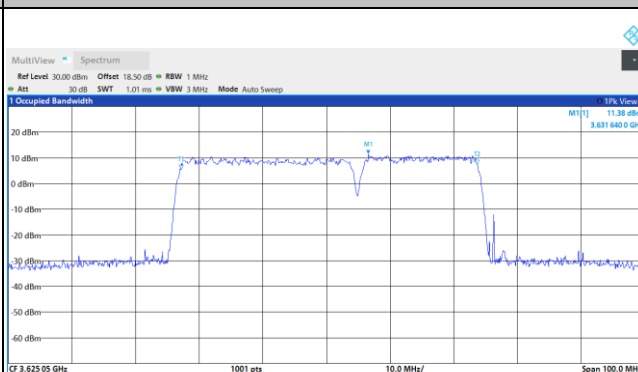
PI/2 BPSK



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.60887 GHz	11.87 dBm	Occ Bw	46.772234023 MHz
T1	1		3.6020781 GHz	6.90 dBm	Occ Bw Centroid	3.625464221 GHz
T2	1		3.6488503 GHz	7.48 dBm	Occ Bw Freq Offset	418.221173659 kHz

03:03:38 PM 12/27/2025

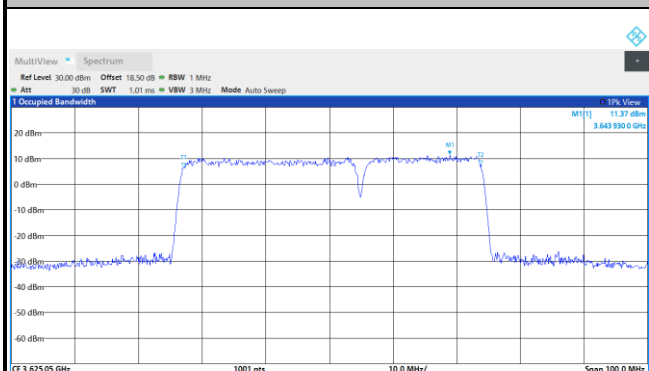
QPSK



Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.63164 GHz	11.38 dBm	Occ Bw	46.545365965 MHz
T1	1		3.6022141 GHz	5.43 dBm	Occ Bw Centroid	3.625486811 GHz
T2	1		3.6487595 GHz	7.31 dBm	Occ Bw Freq Offset	435.811145386 kHz

03:04:47 PM 12/27/2025

16QAM



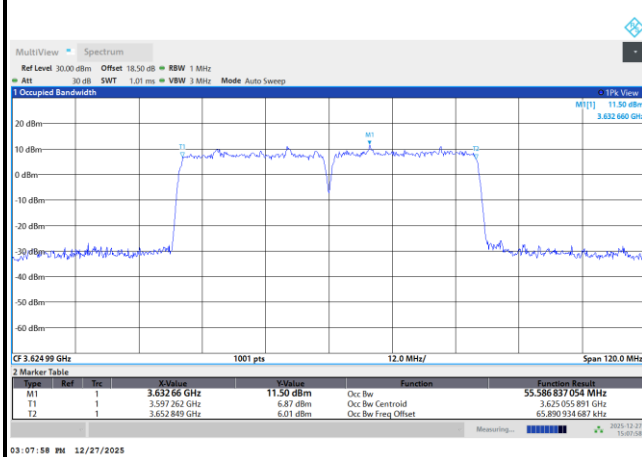
Type	Ref	Trc	X-Value	Y-Value	Function	Function Result
M1	1		3.64393 GHz	11.37 dBm	Occ Bw	46.65840919 MHz
T1	1		3.6021291 GHz	6.47 dBm	Occ Bw Centroid	3.62545827 GHz
T2	1		3.6487875 GHz	7.39 dBm	Occ Bw Freq Offset	408.269803729 kHz

03:06:10 PM 12/27/2025

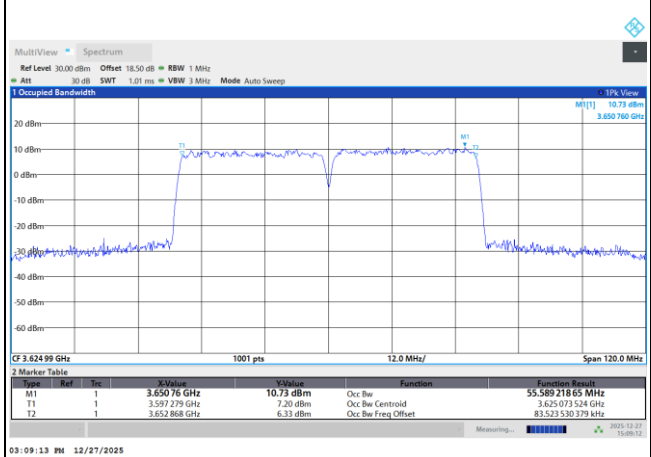


FR1 n48B / 30M30M / DFT-S OFDM / Middle Channel / Full RB

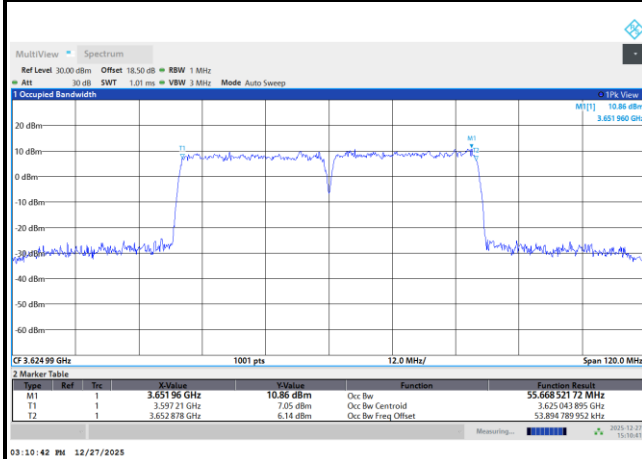
PI/2 BPSK



QPSK



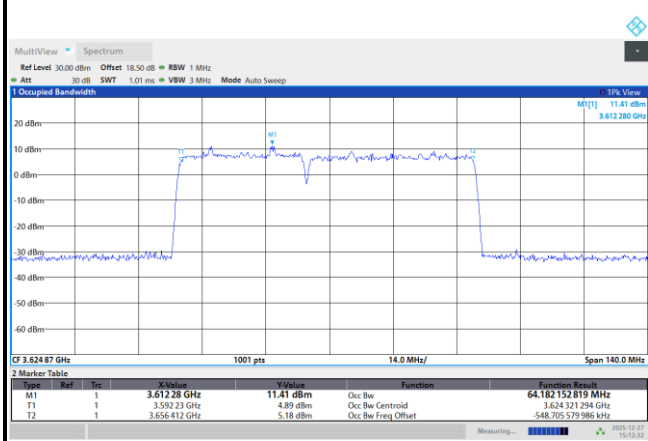
16QAM



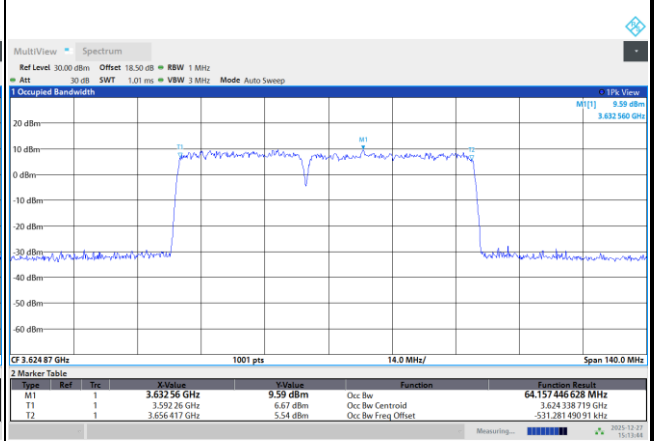


FR1 n48B / 30M40M / DFT-S OFDM / Middle Channel / Full RB

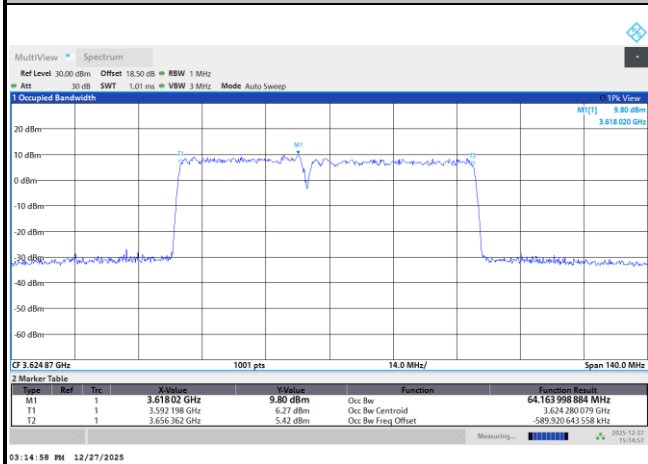
PI/2 BPSK



QPSK



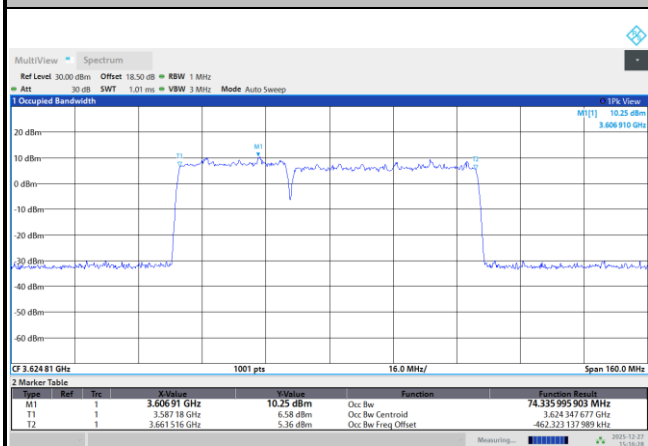
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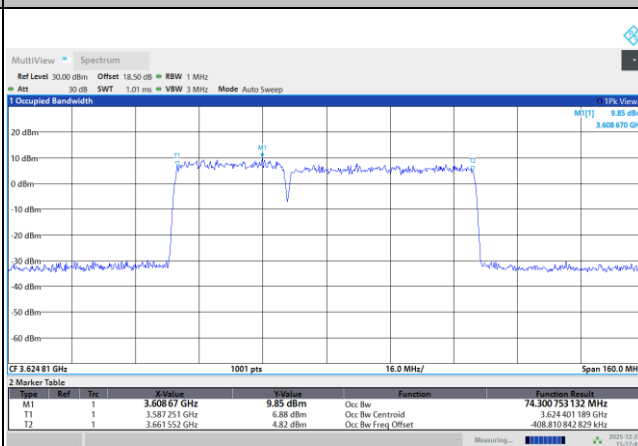


FR1 n48B / 30M50M / DFT-S OFDM / Middle Channel / Full RB

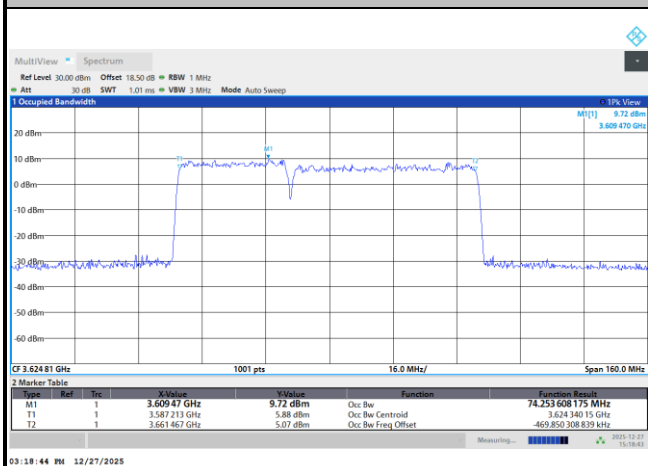
PI/2 BPSK



QPSK



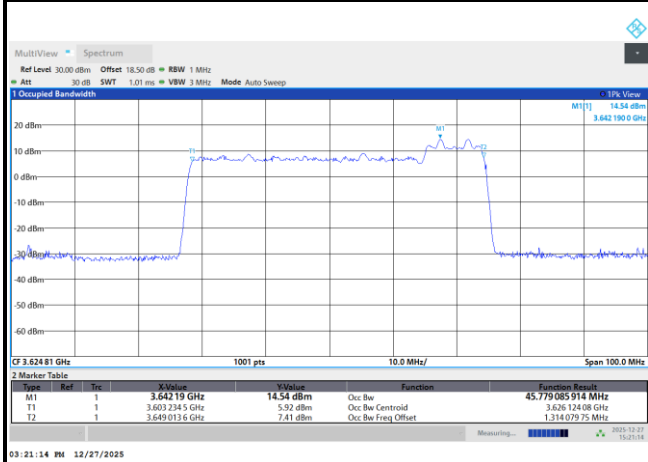
16QAM



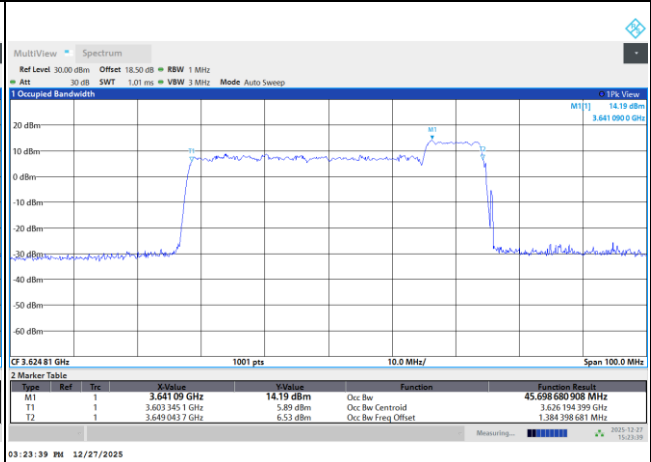


FR1 n48B / 40M10M / DFT-S OFDM / Middle Channel / Full RB

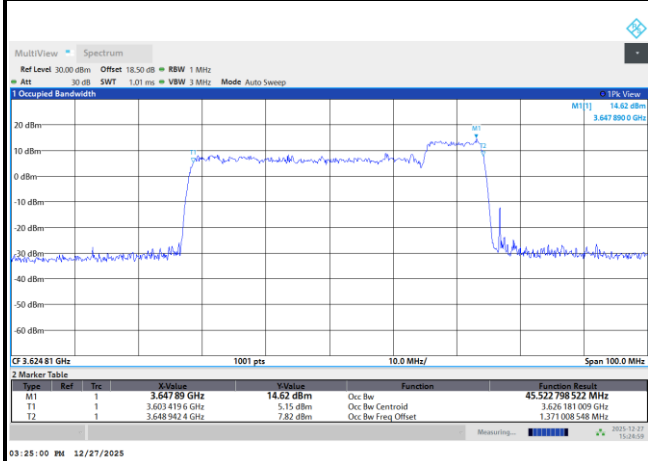
PI/2 BPSK



QPSK



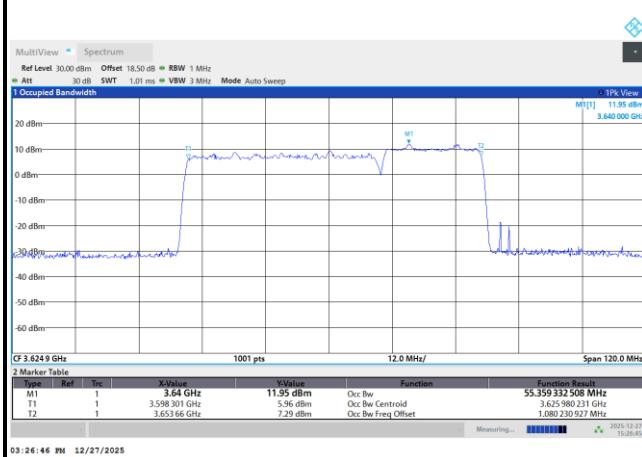
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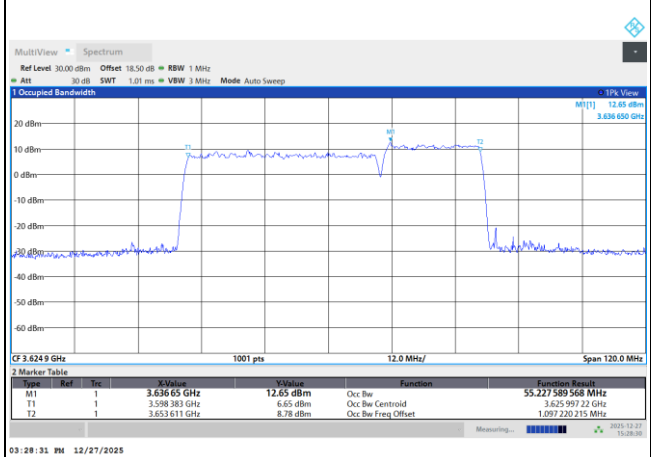


FR1 n48B / 40M20M / DFT-S OFDM / Middle Channel / Full RB

PI/2 BPSK



QPSK



16QAM

