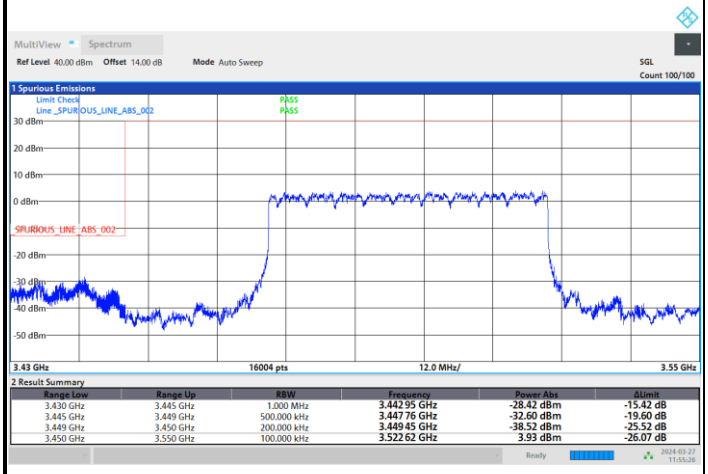
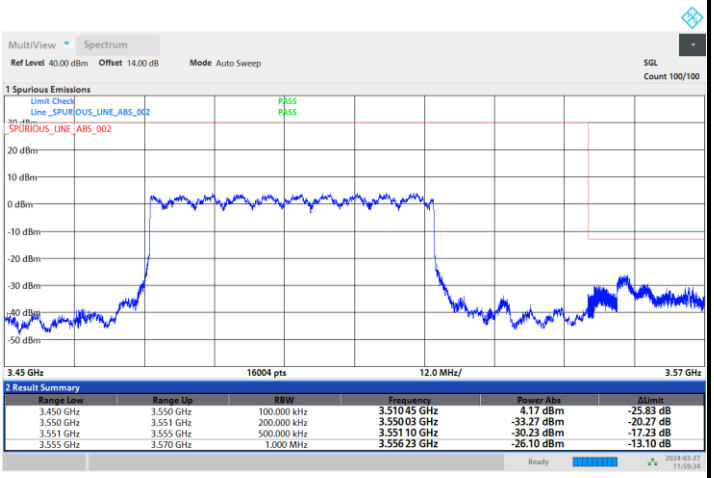
FR1 n77 / 100MHz / DFT-S OFDM / PI/2 BPSK

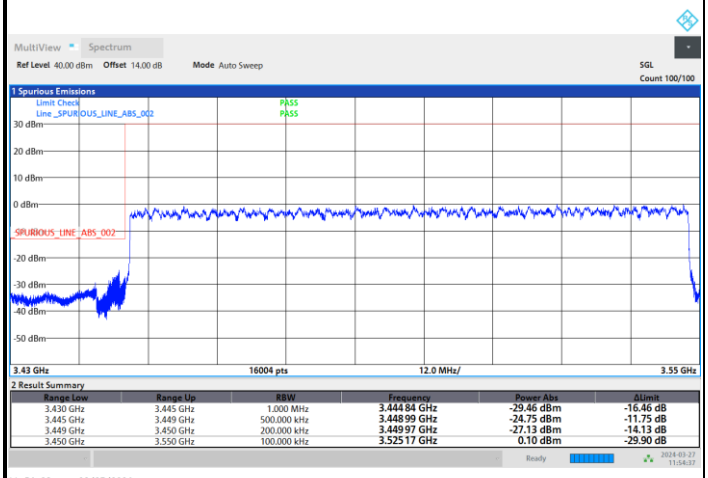
Lowest Band Edge / Inner Full RB



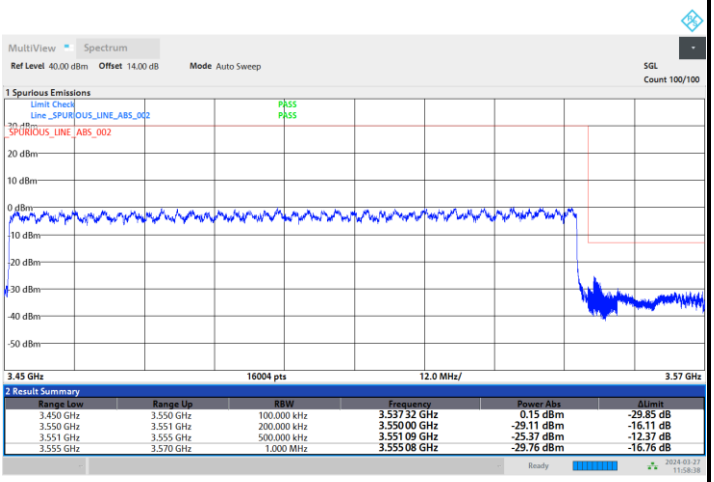
Highest Band Edge / Inner Full RB



Lowest Band Edge / Outter Full RB

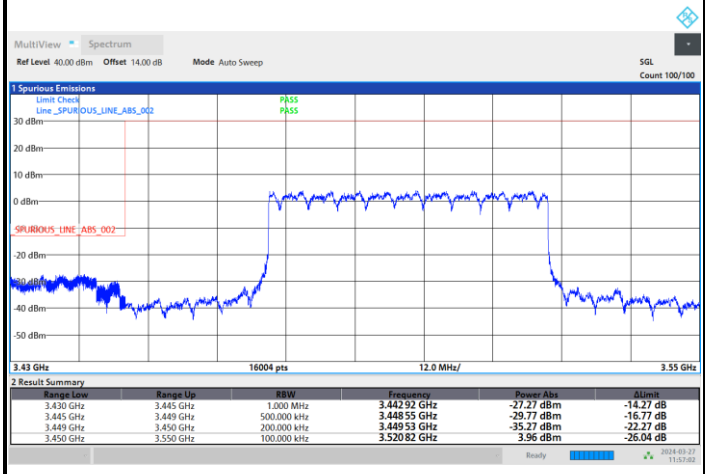


Highest Band Edge / Outter Full RB

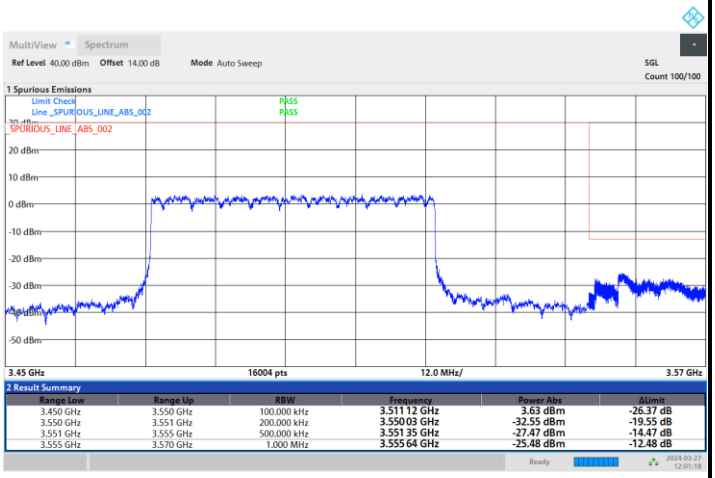


FR1 n77 / 100MHz / DFT-S OFDM / QPSK

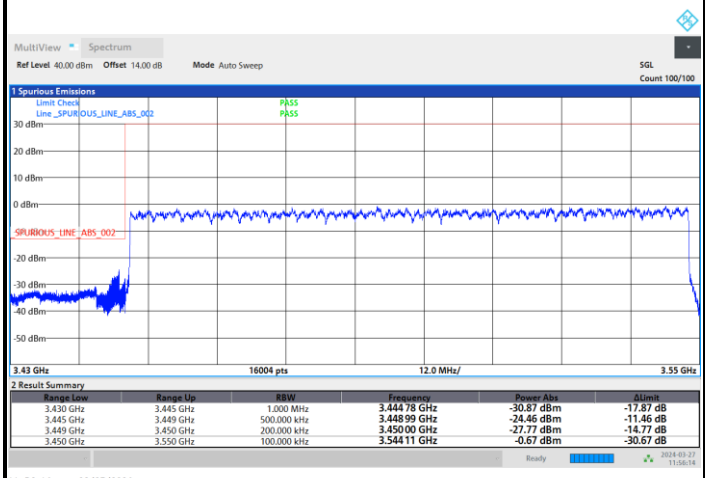
Lowest Band Edge / Inner Full RB



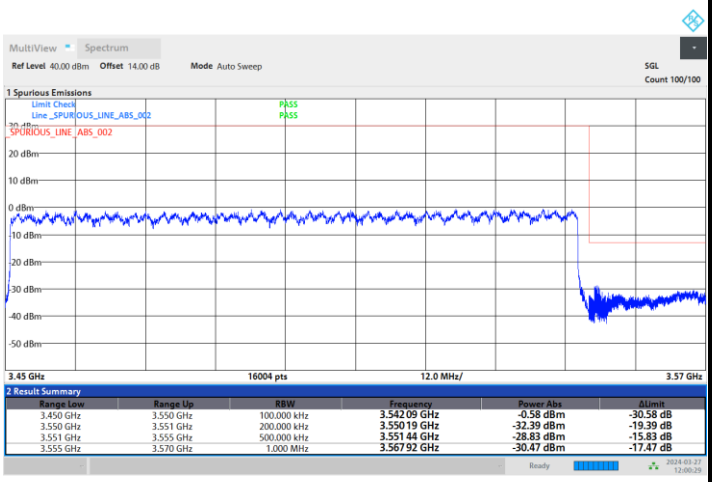
Highest Band Edge / Inner Full RB

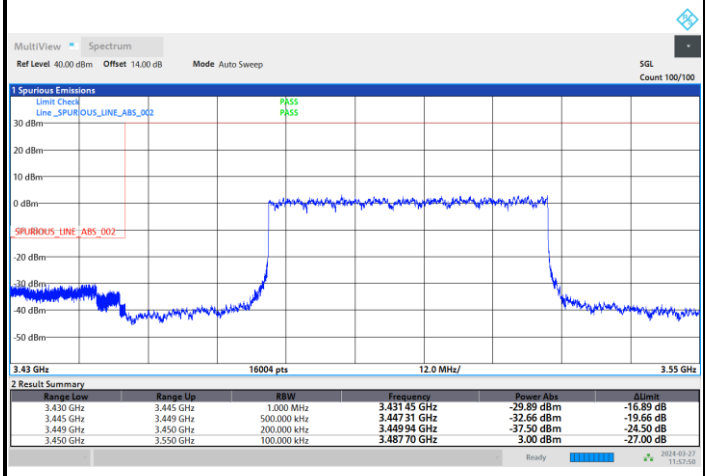
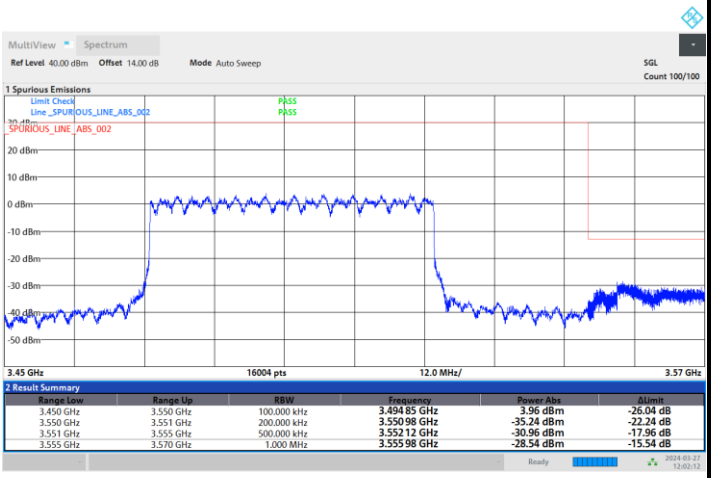


Lowest Band Edge / Outter Full RB



Highest Band Edge / Outter Full RB

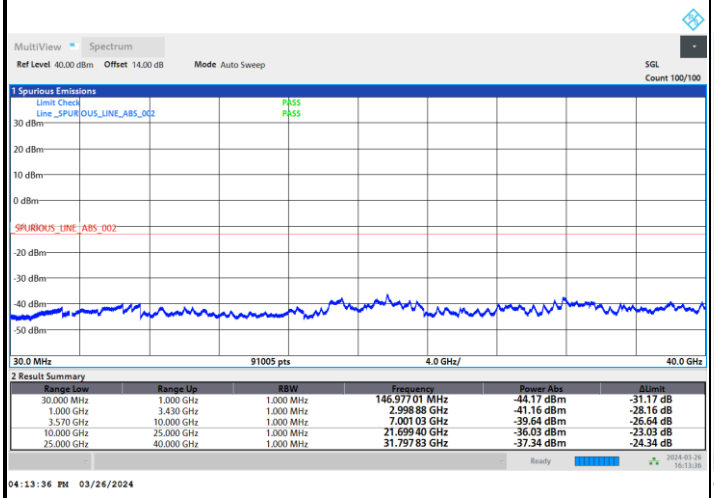


FR1 n77 / 100MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / Inner Full RB	**Highest Band Edge / Inner Full RB**
	

Conducted Spurious Emission

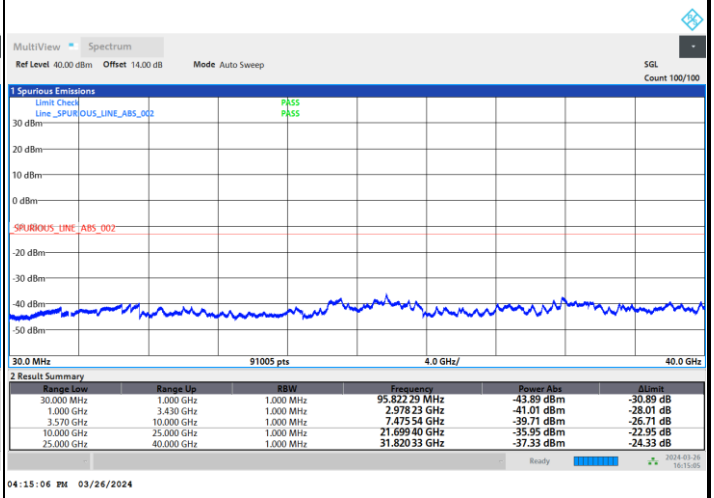
FR1 n77 / 10MHz / DFT-S OFDM / QPSK / 1RB1

Lowest Channel



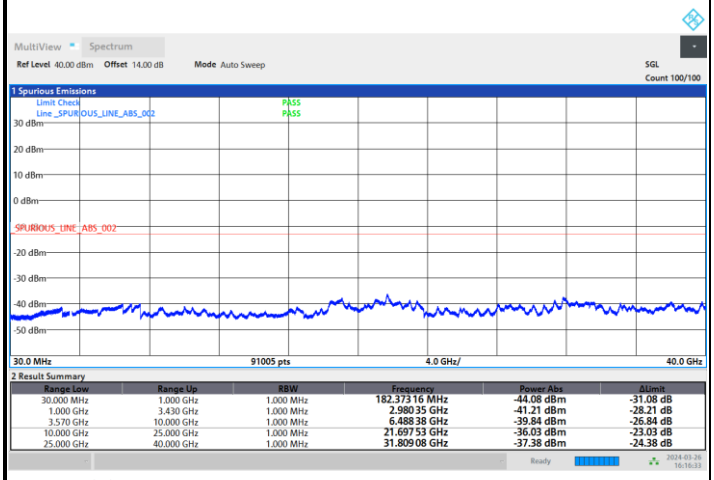
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	146.977 01 MHz	-44.17 dBm	-31.17 dB
1.000 GHz	3.430 GHz	1.000 MHz	2.998 88 GHz	-41.16 dBm	-28.16 dB
3.570 GHz	10.000 GHz	1.000 MHz	7.001 03 GHz	-39.64 dBm	-26.64 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.699 40 GHz	-36.03 dBm	-23.03 dB
25.000 GHz	40.000 GHz	1.000 MHz	31.797 83 GHz	-37.34 dBm	-24.34 dB

Middle Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	95.822 29 MHz	-43.89 dBm	-30.89 dB
1.000 GHz	3.430 GHz	1.000 MHz	2.978 23 GHz	-41.01 dBm	-28.01 dB
3.570 GHz	10.000 GHz	1.000 MHz	7.475 54 GHz	-39.71 dBm	-26.71 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.699 40 GHz	-35.95 dBm	-22.95 dB
25.000 GHz	40.000 GHz	1.000 MHz	31.820 33 GHz	-37.33 dBm	-24.33 dB

Highest Channel



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	182.373 16 MHz	-44.08 dBm	-31.08 dB
1.000 GHz	3.430 GHz	1.000 MHz	2.980 35 GHz	-41.21 dBm	-28.21 dB
3.570 GHz	10.000 GHz	1.000 MHz	6.488 38 GHz	-39.84 dBm	-26.84 dB
10.000 GHz	25.000 GHz	1.000 MHz	21.697 53 GHz	-36.03 dBm	-23.03 dB
25.000 GHz	40.000 GHz	1.000 MHz	31.809 08 GHz	-37.38 dBm	-24.38 dB

<MIMO Mode>

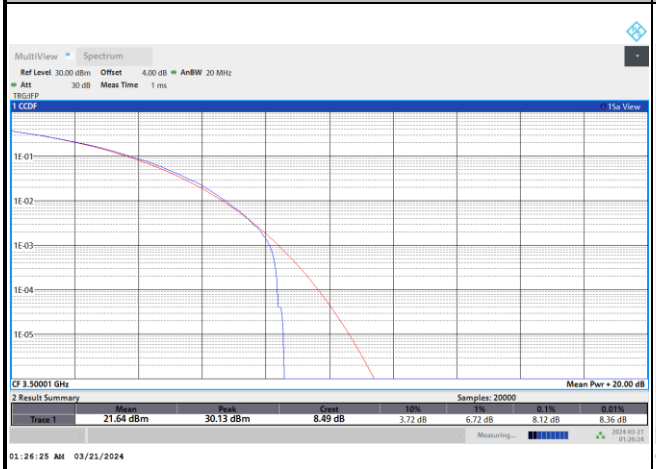
MIMO <Ant. 6+1> (6)

Peak-to-Average Ratio

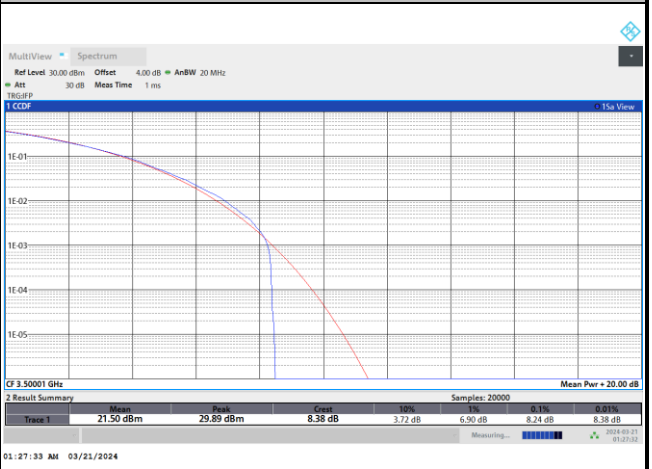
Mode	FR1 n77 / 20MHz / CP OFDM				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	8.12	8.24	8.14	8.88	PASS

FR1 n77 / 20MHz /CP OFDM / Middle Channel / Full RB

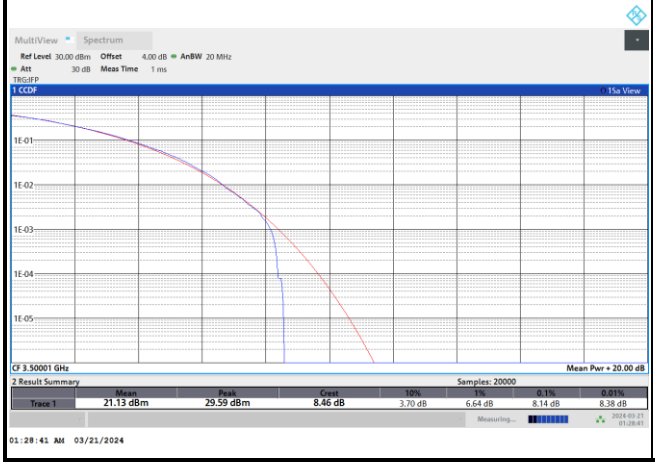
QPSK



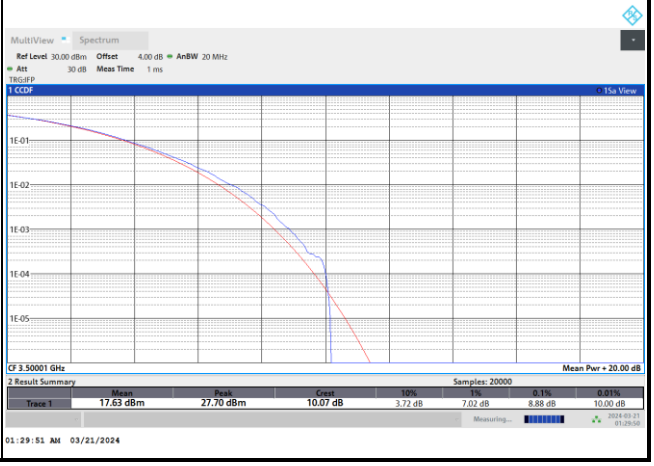
16QAM



64QAM

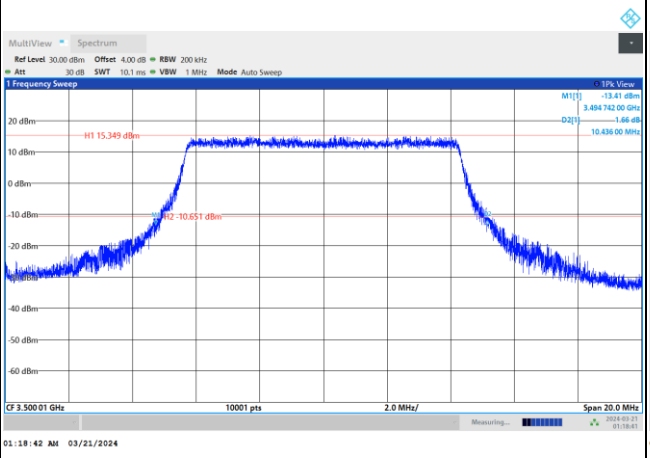
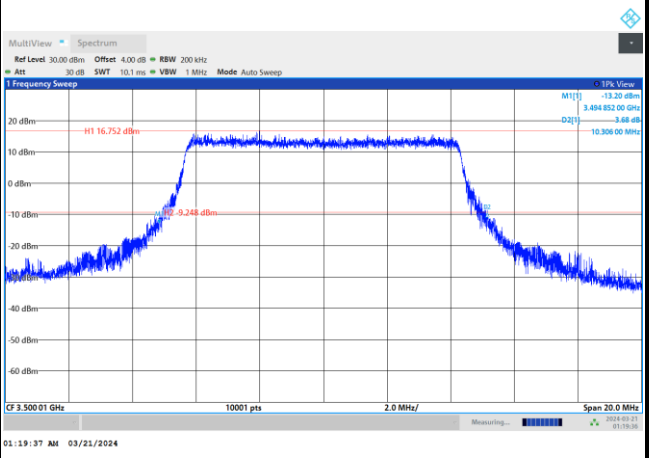
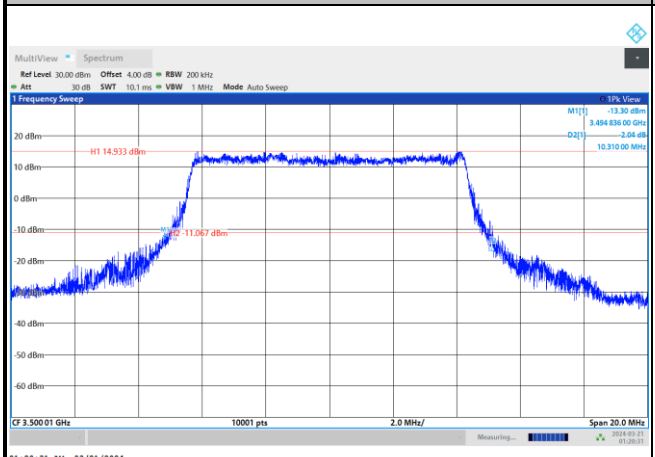
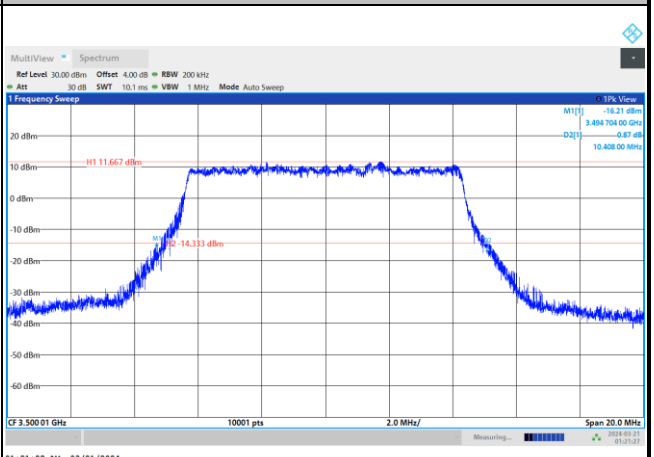


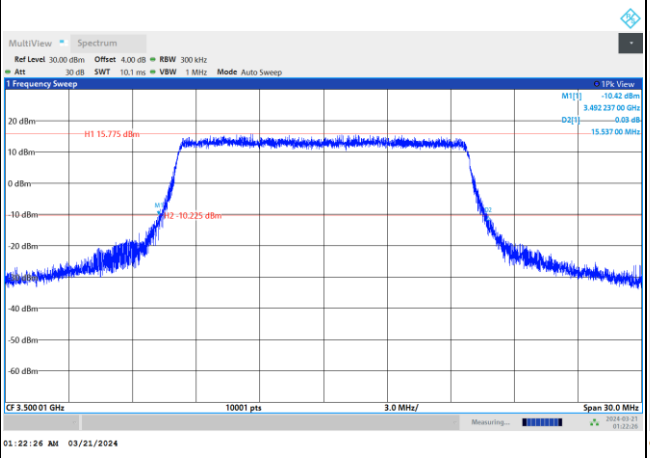
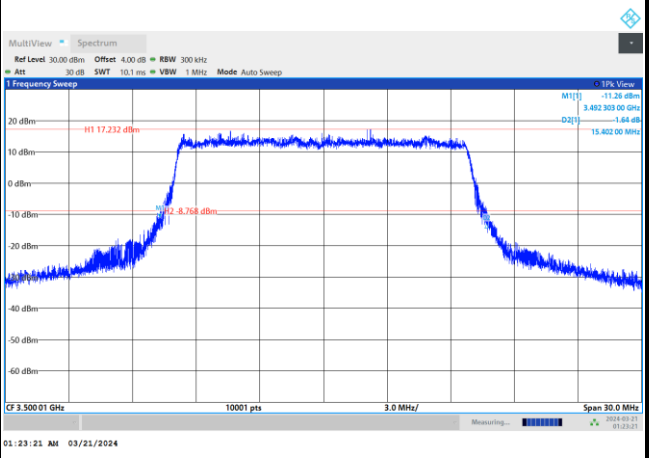
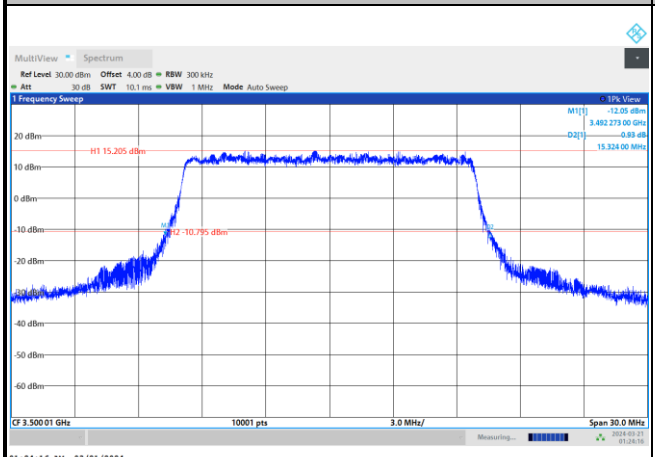
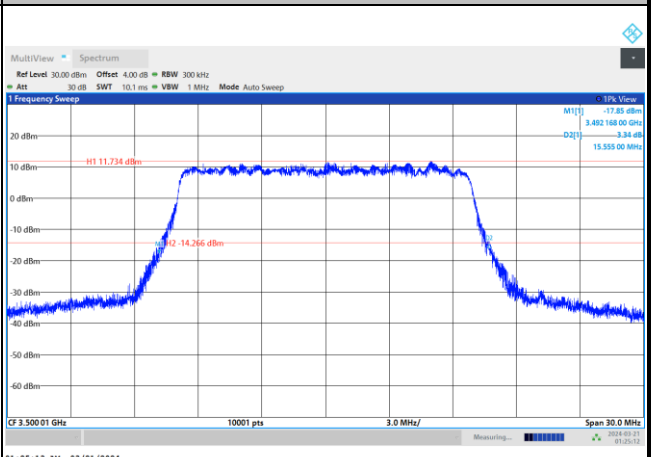
256QAM

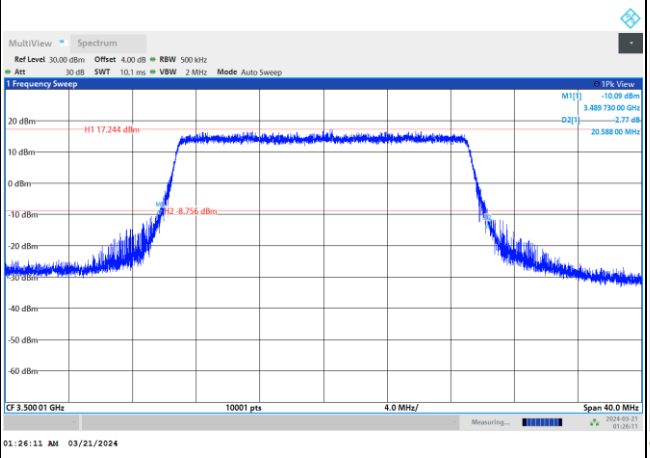
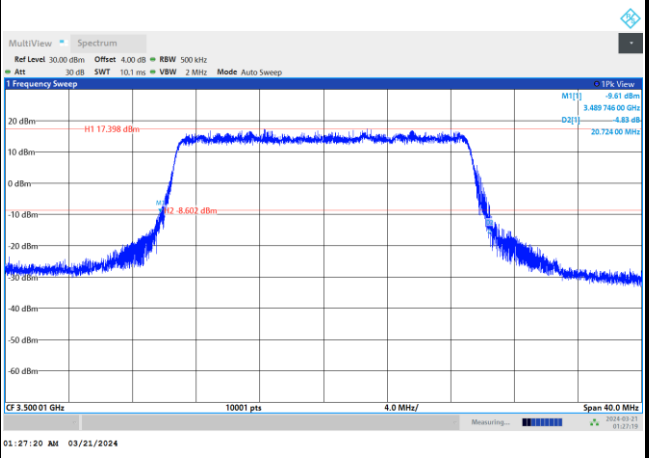
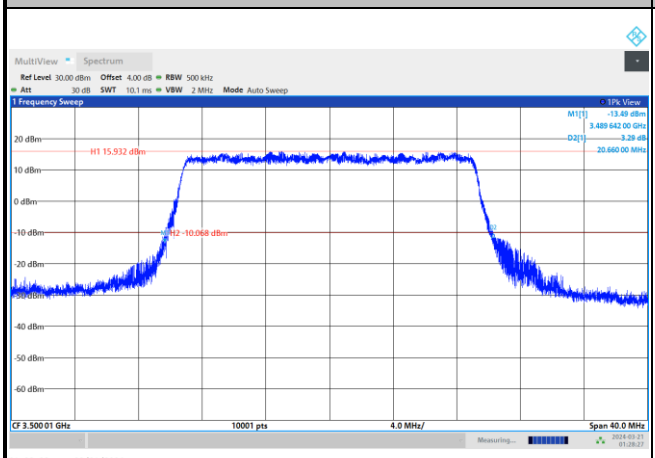
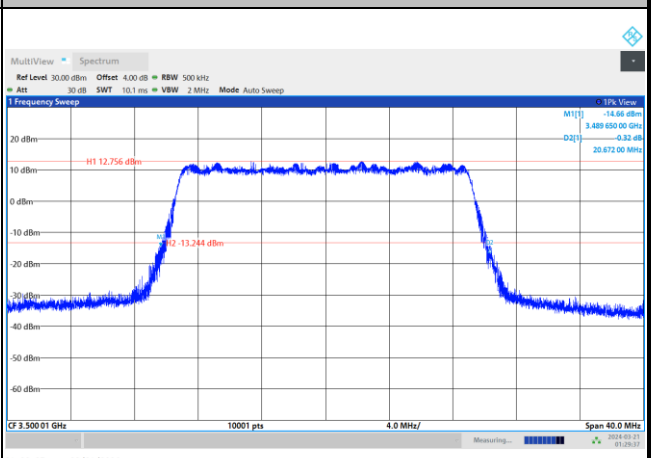


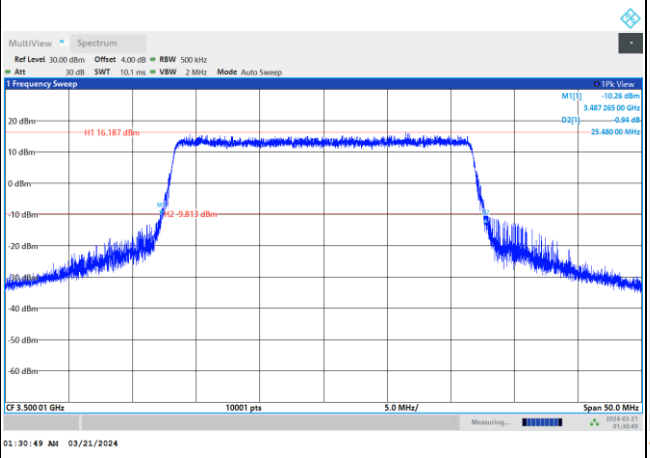
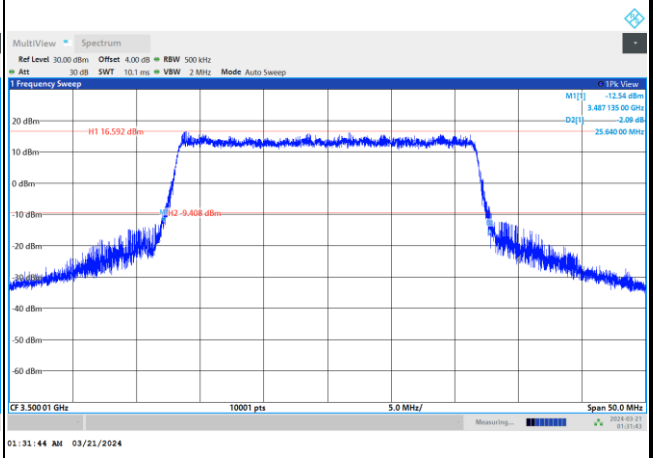
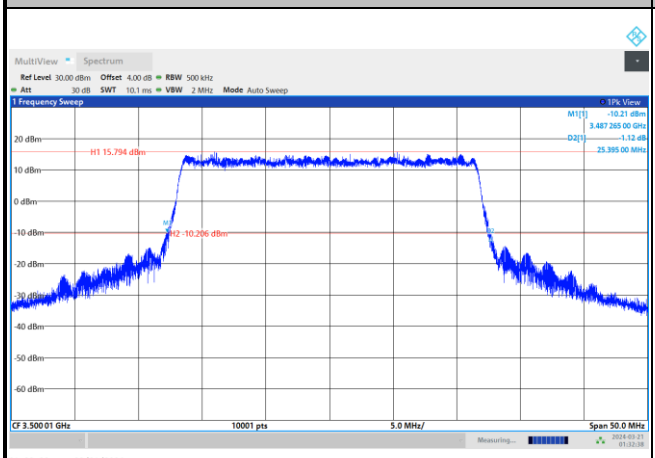
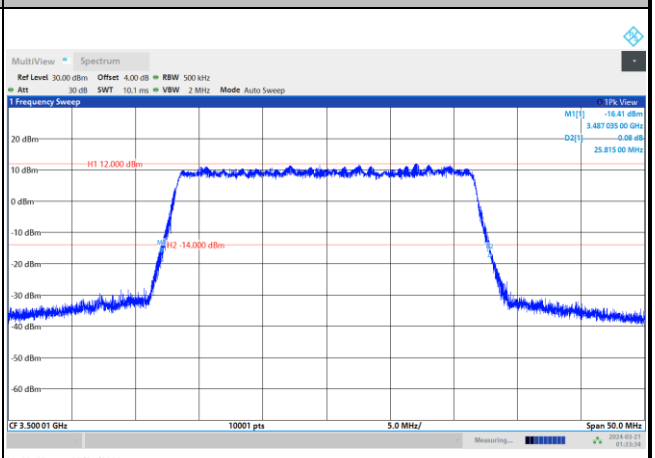
26dB Bandwidth

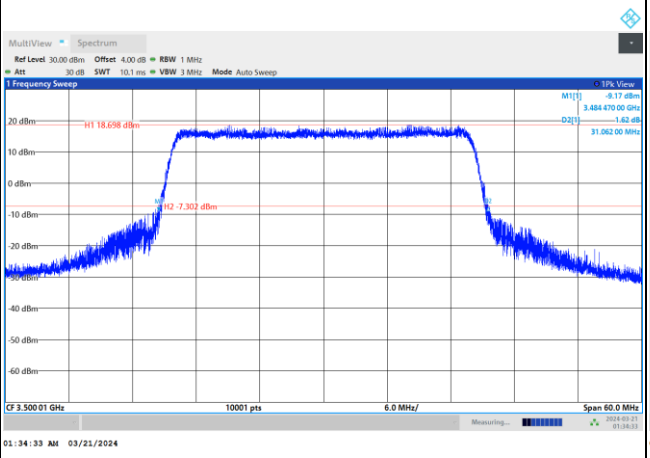
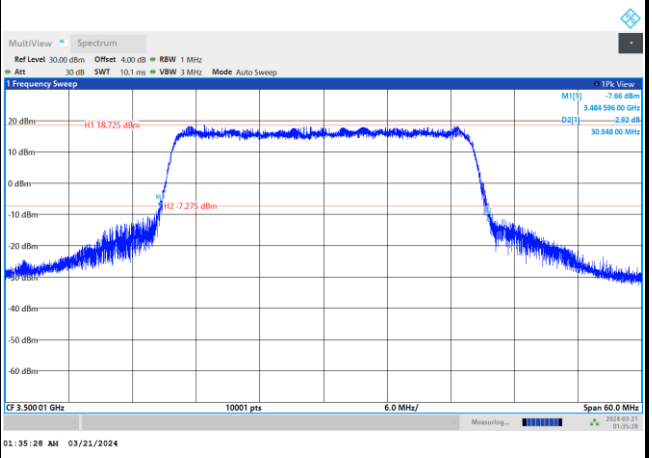
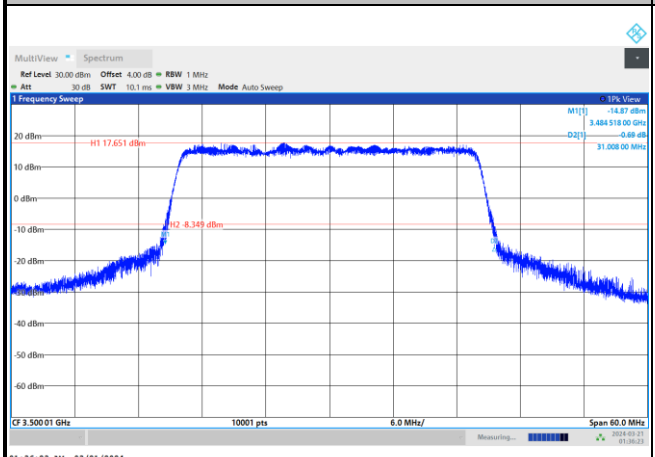
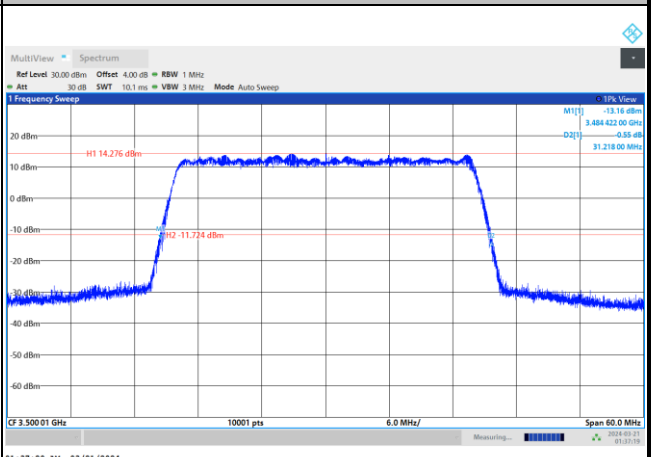
Mode	FR1 n77 : 26dB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	10.44	10.31	15.54	15.40	20.59	20.72	25.48	25.64
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	10.31	10.41	15.32	15.55	20.66	20.67	25.39	25.81
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	31.06	30.95	42.93	42.96	52.17	52.87	67.05	67.52
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	31.01	31.22	42.73	43.11	51.81	51.85	67.80	66.92
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	77.71	77.10	83.85	85.06	96.64	98.69	106.04	106.32
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	77.25	76.82	84.78	84.14	97.48	97.45	106.92	106.44

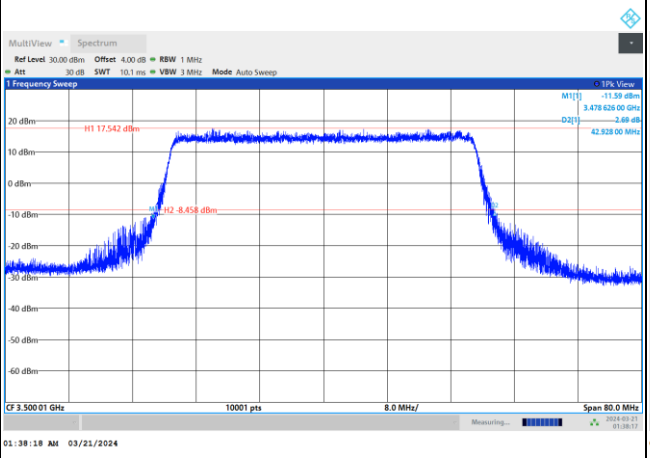
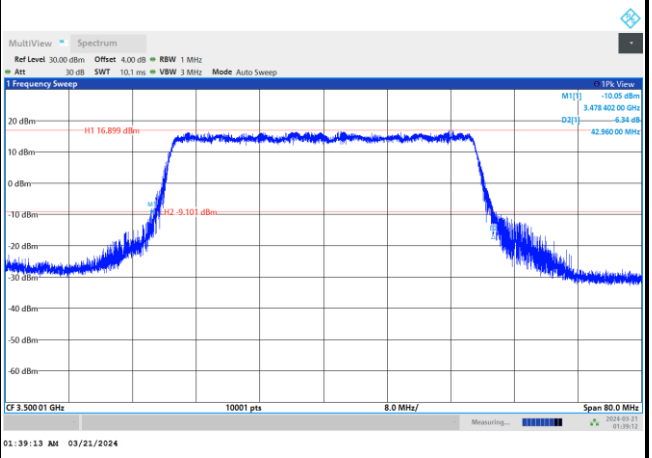
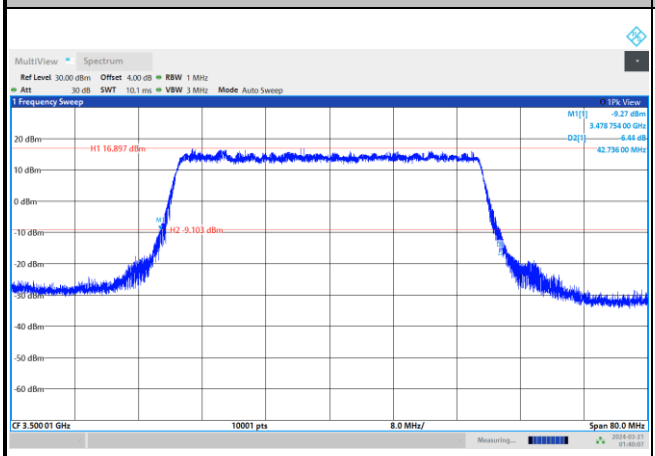
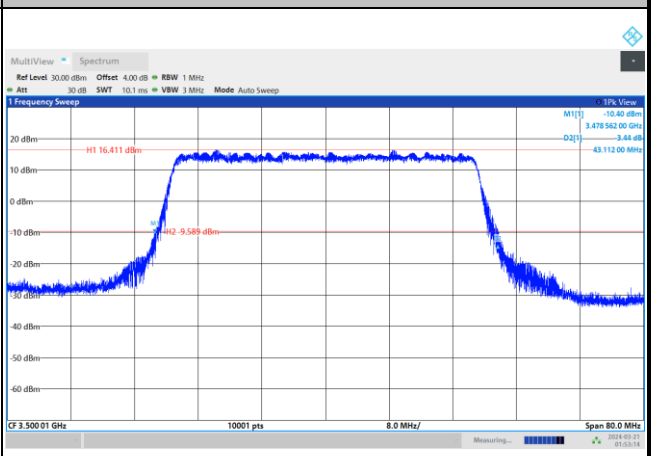
FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

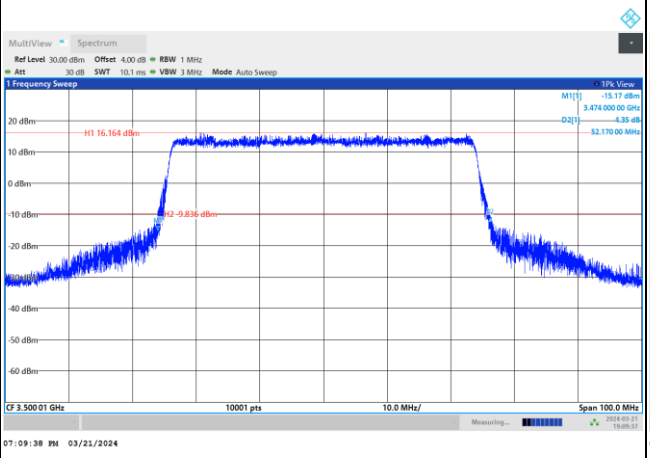
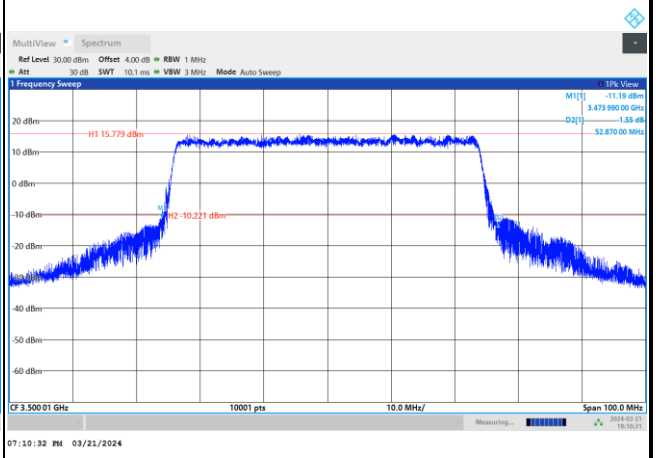
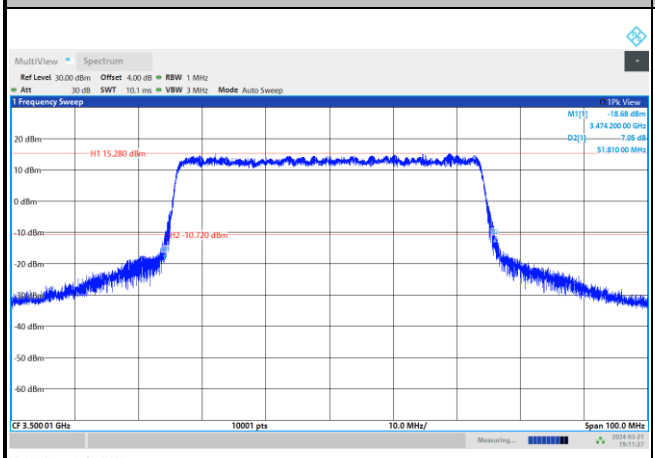
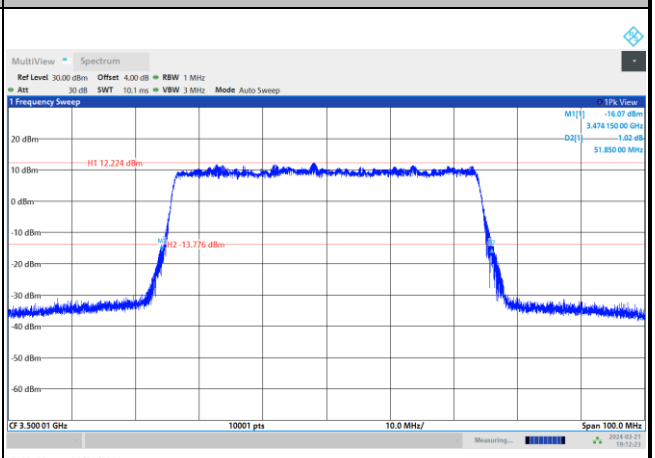
FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

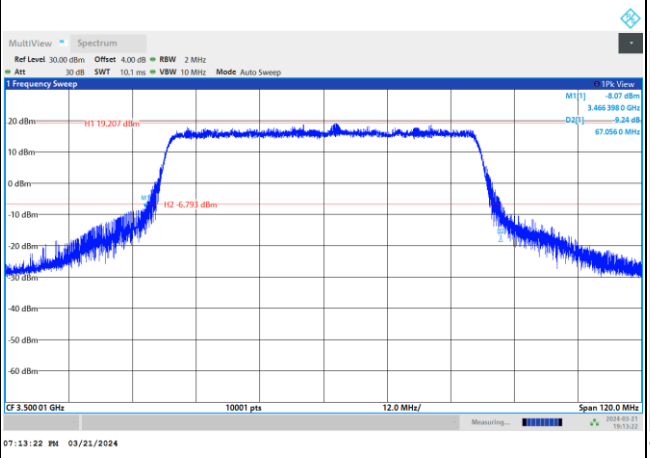
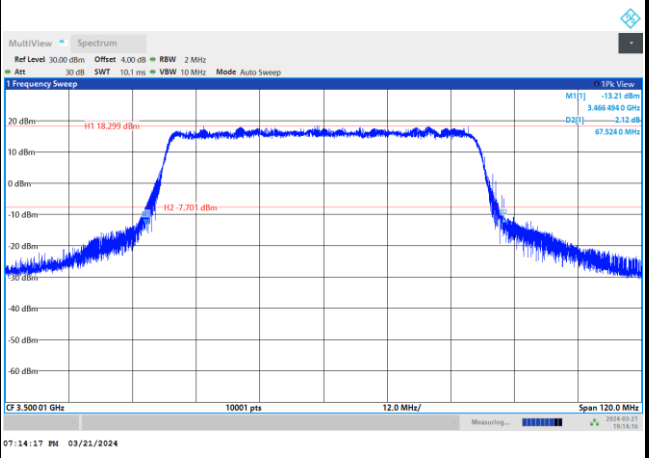
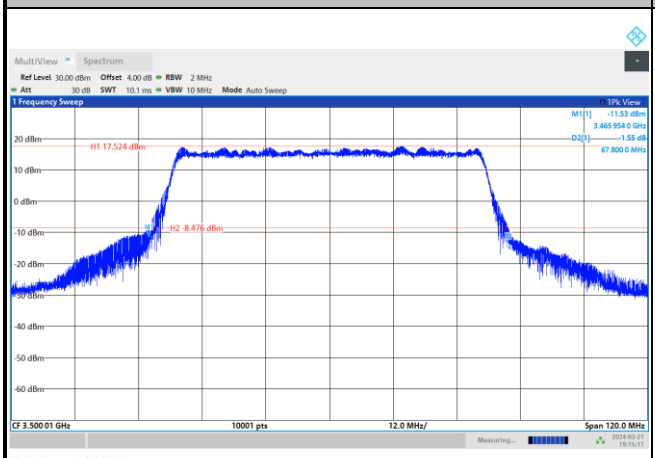
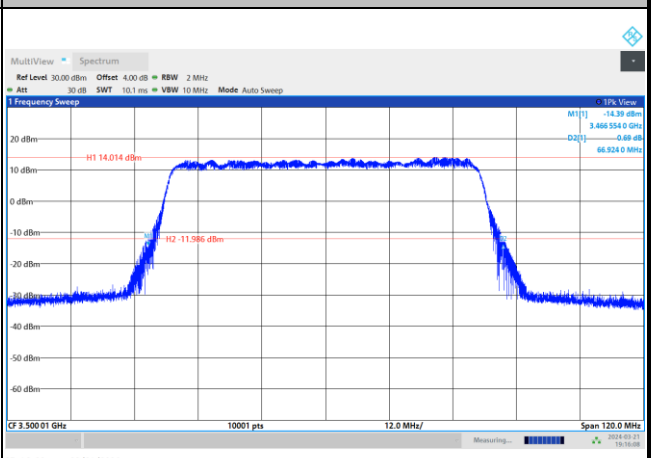
FR1 n77 / 20MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n77 / 25MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

FR1 n77 / 70MHz / CP OFDM / Middle Channel / Full RB	
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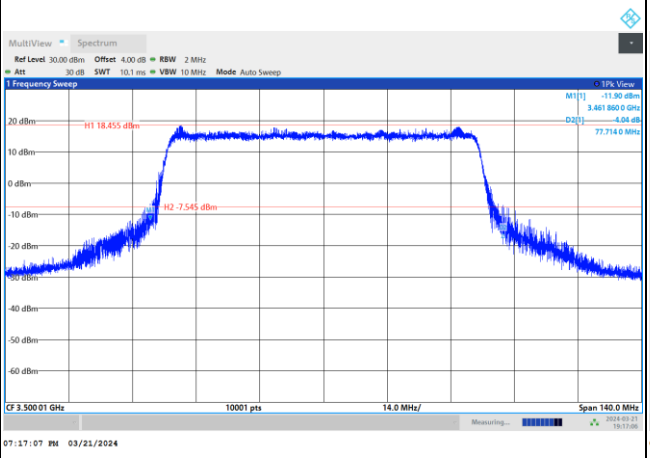
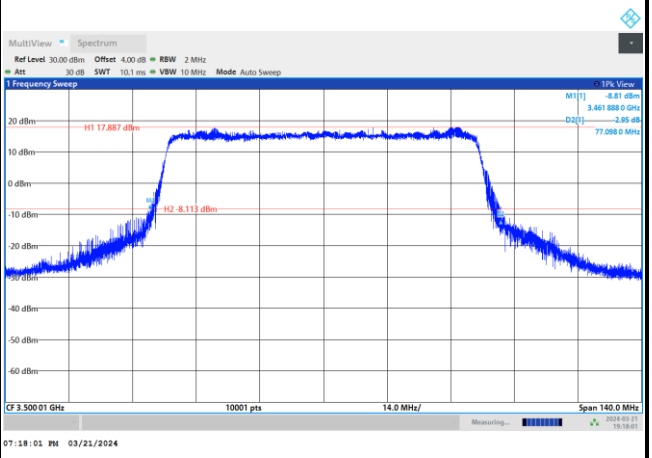
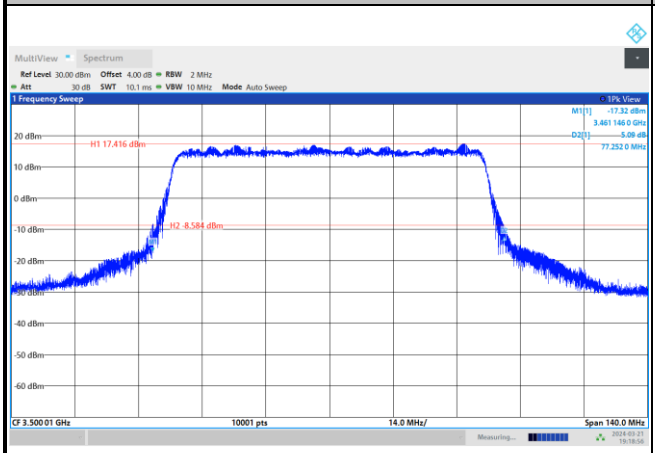
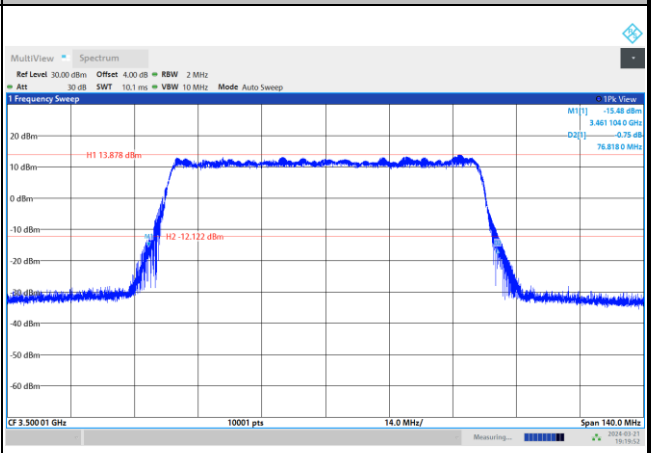
	
64QAM	256QAM
	

FR1 n77 / 80MHz / CP OFDM / Middle Channel / Full RB	
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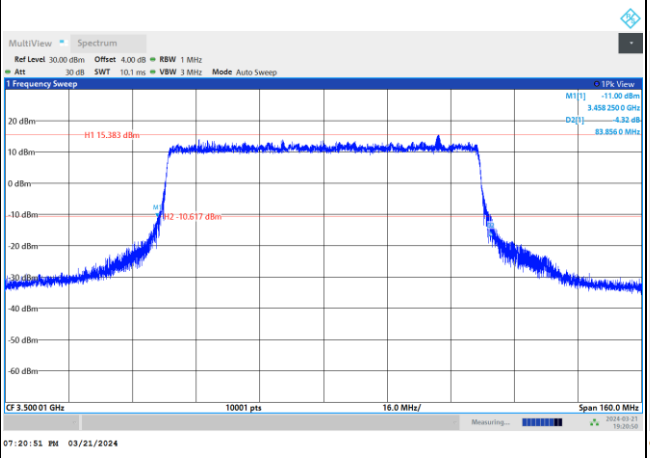
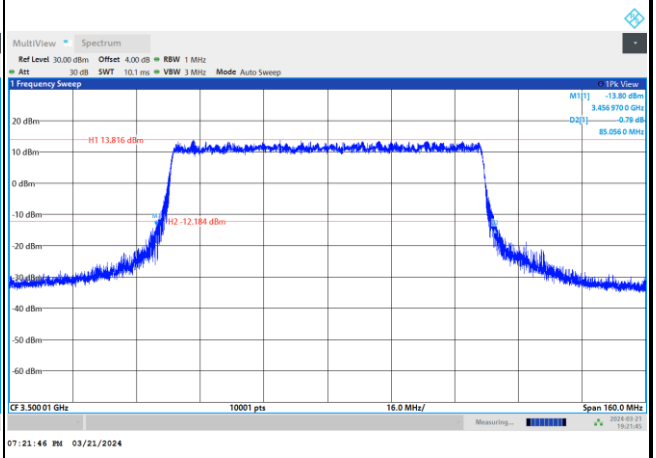
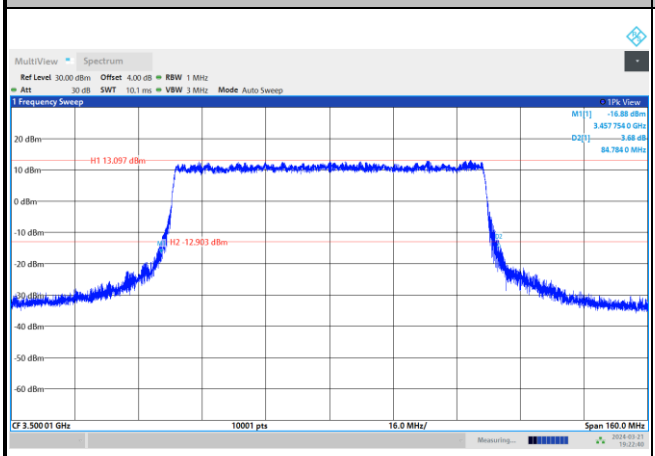
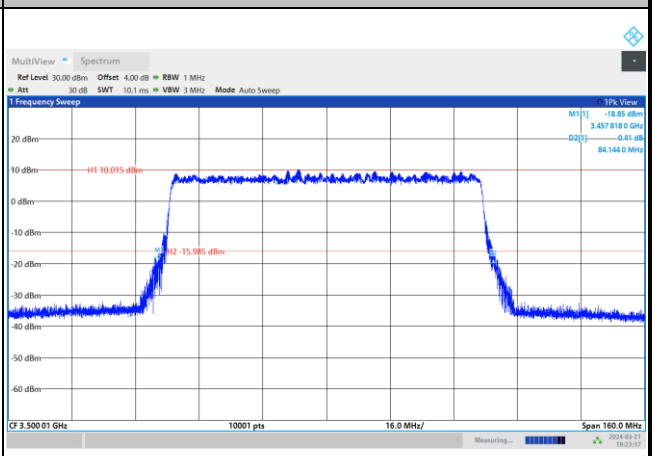
	
64QAM	256QAM
	

FR1 n77 / 90MHz / CP OFDM / Middle Channel / Full RB	
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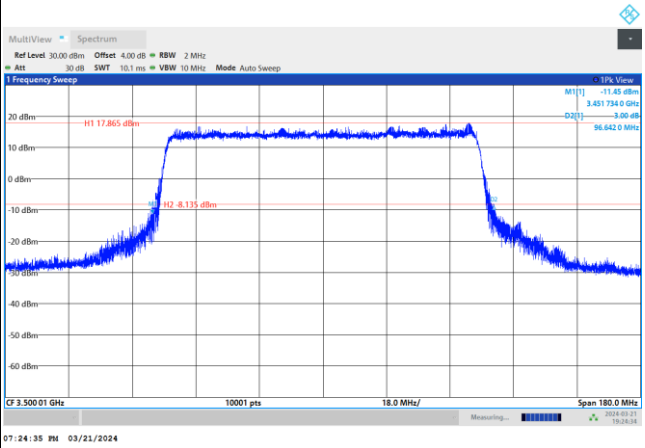
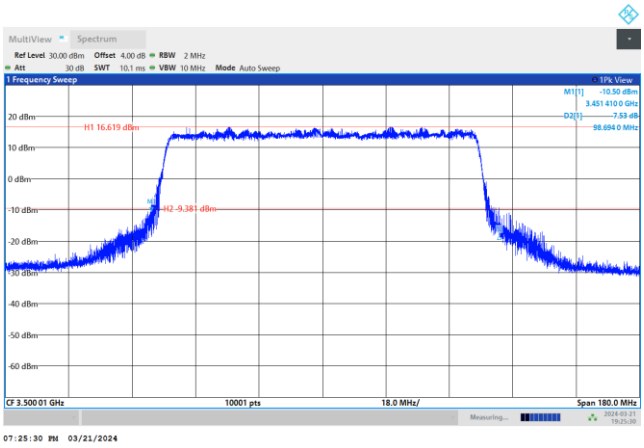
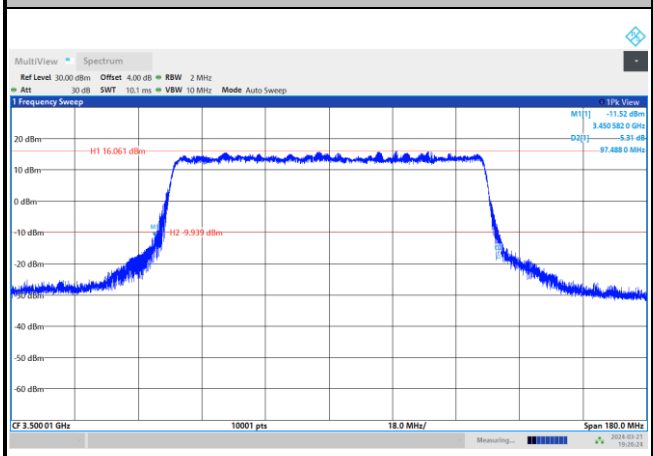
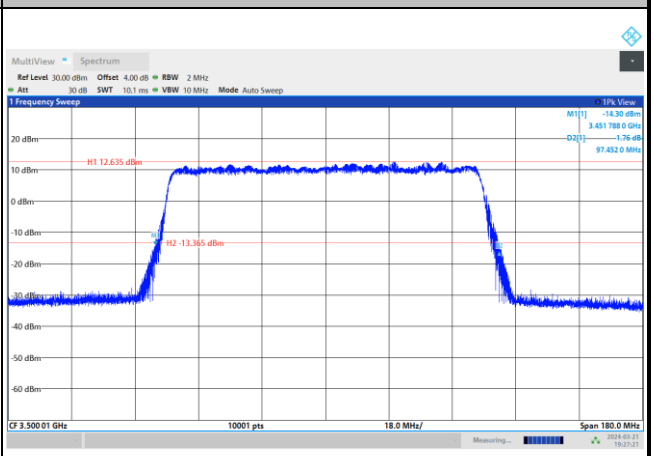
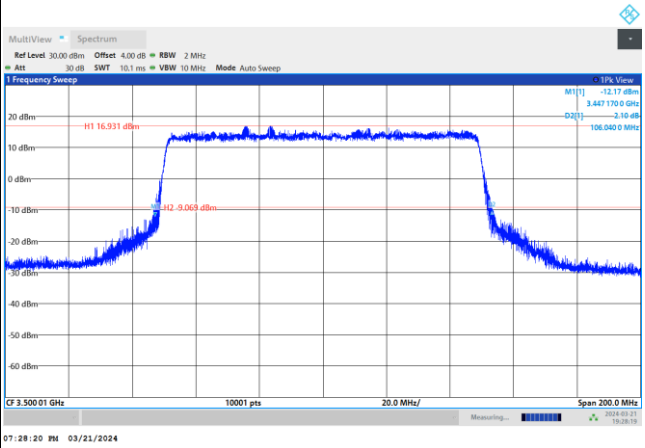
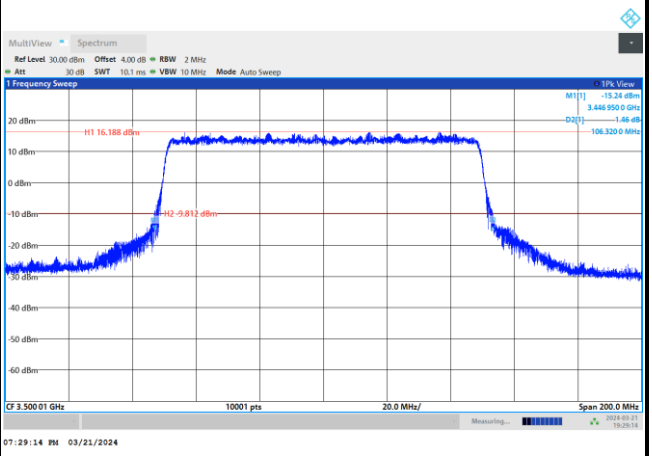
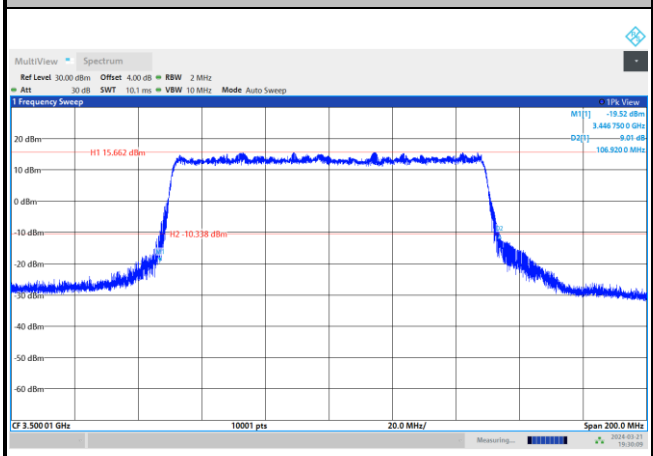
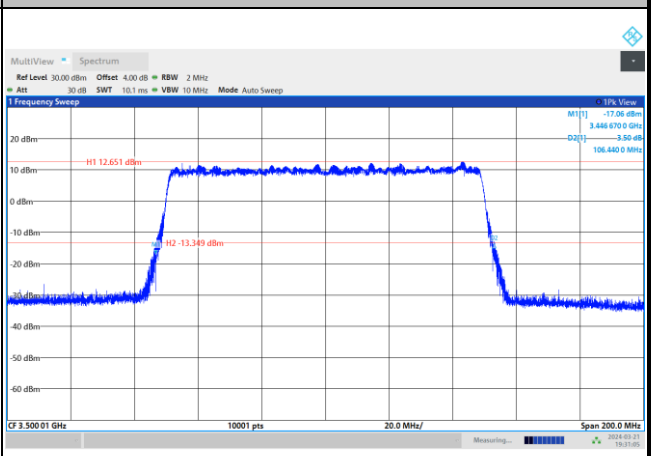
	
64QAM	256QAM
	

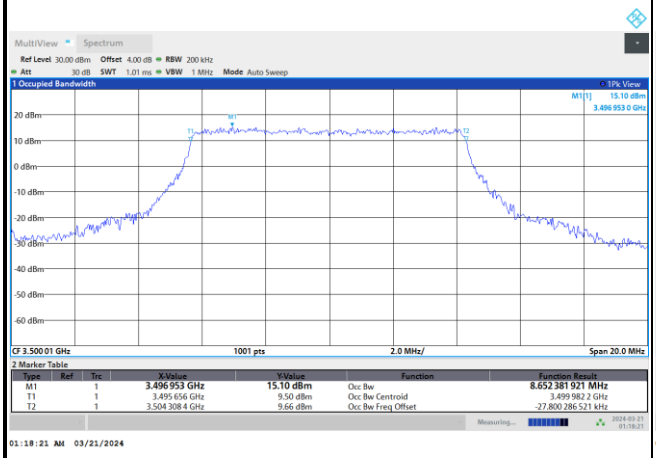
FR1 n77 / 100MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM
	

Occupied Bandwidth

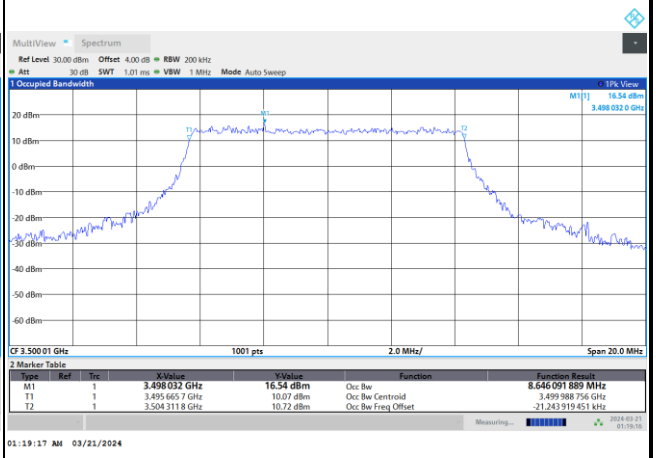
Mode	FR1 n77 : OB BW(MHz) / CP OFDM							
BW	10MHz		15MHz		20MHz		25MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	8.65	8.64	13.66	13.64	18.35	18.38	23.31	23.34
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	8.66	8.68	13.63	13.64	18.37	18.35	23.25	23.38
BW	30MHz		40MHz		50MHz		60MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	28.19	28.10	38.23	38.31	47.66	47.69	58.56	58.58
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	28.16	28.27	38.25	38.22	47.63	47.63	58.71	58.53
BW	70MHz		80MHz		90MHz		100MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	68.17	68.31	78.08	78.13	87.82	87.94	97.87	98.05
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	68.27	68.29	78.07	77.86	88.05	87.93	98.05	97.92

FR1 n77 / 10MHz / CP OFDM / Middle Channel / Full RB

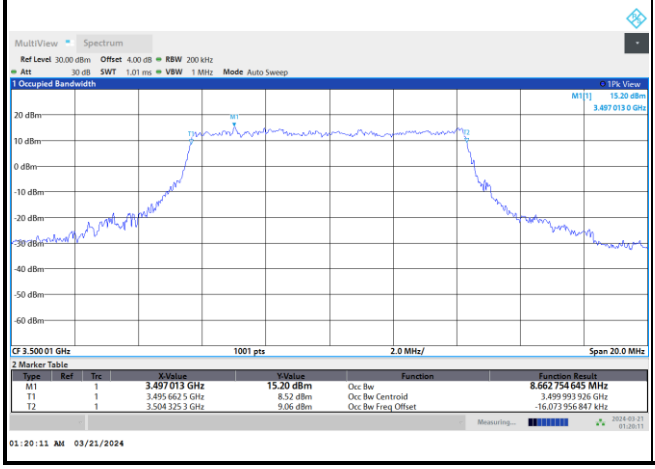
QPSK



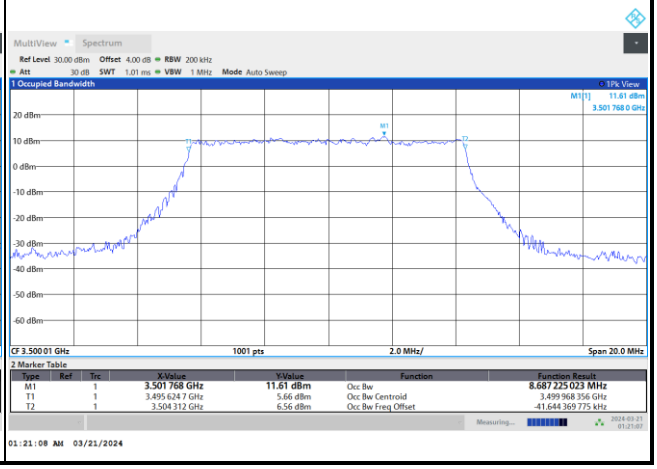
16QAM



64QAM

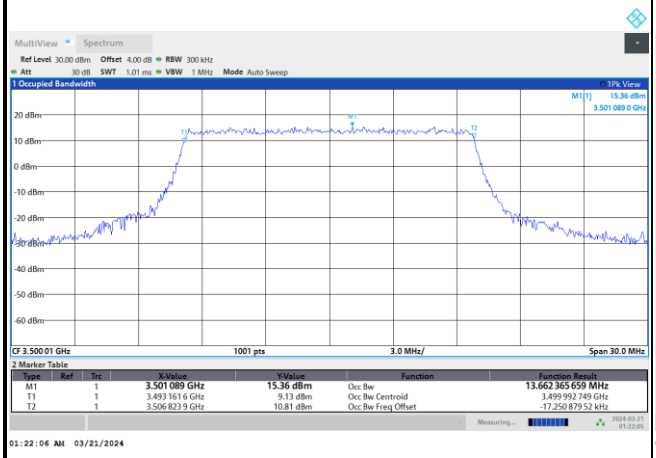


256QAM



FR1 n77 / 15MHz / CP OFDM / Middle Channel / Full RB

QPSK



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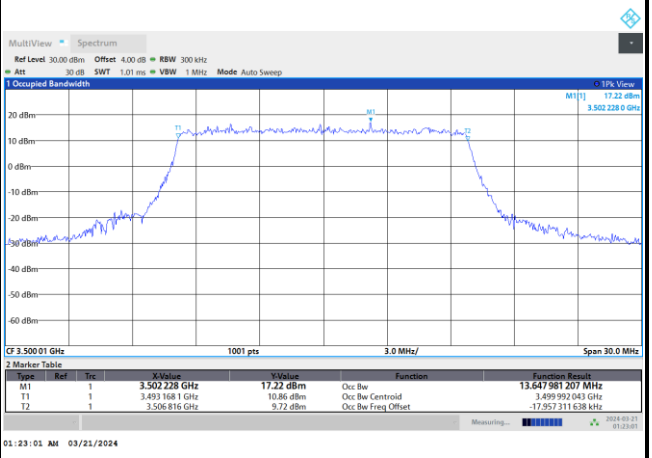

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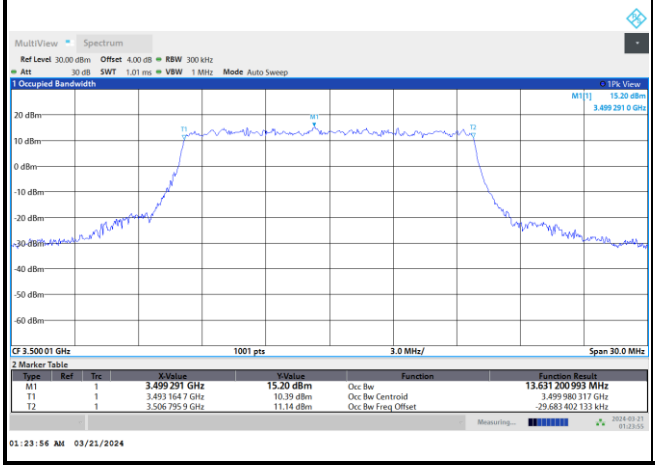

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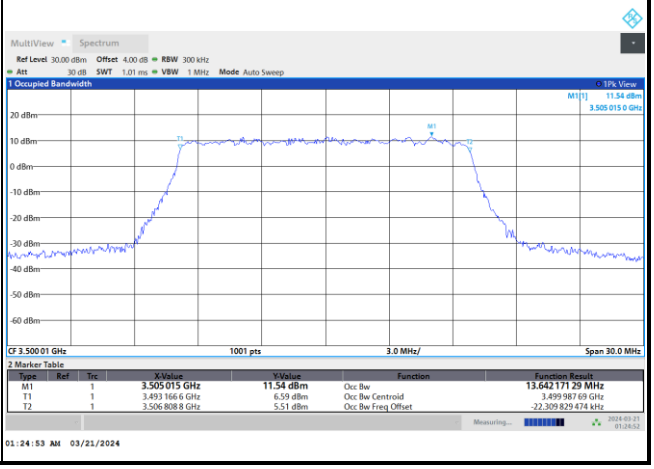
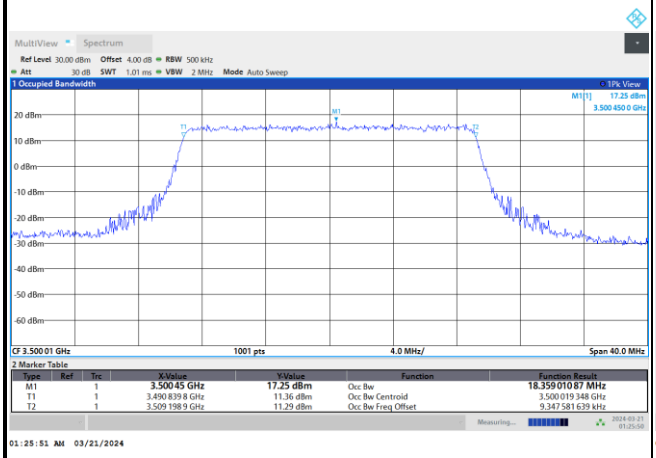


FR1 n77 / 20MHz / CP OFDM / Middle Channel / Full RB

QPSK



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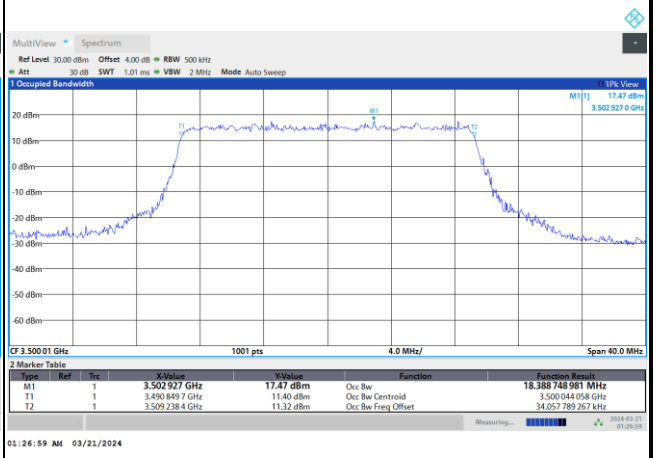

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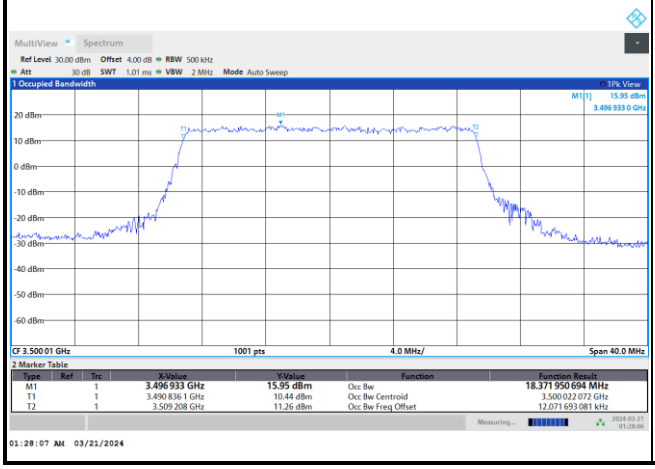

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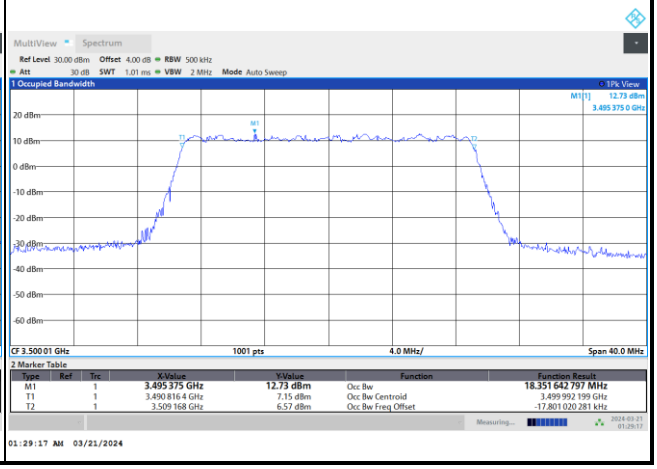
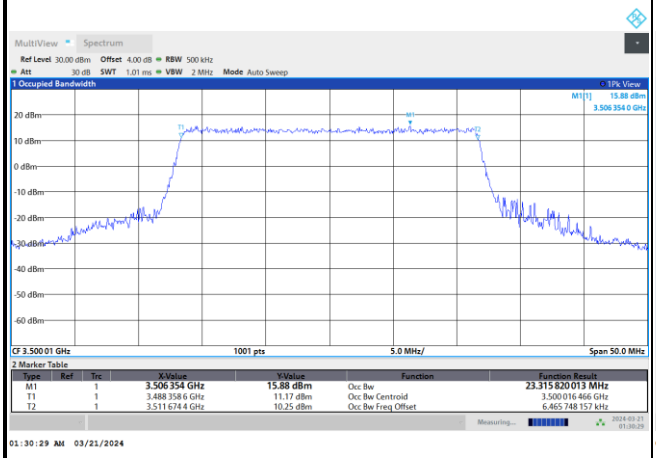


FR1 n77 / 25MHz / CP OFDM / Middle Channel / Full RB

QPSK



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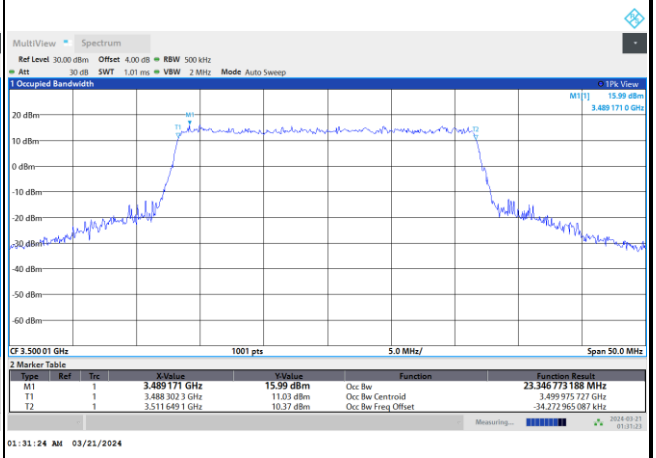

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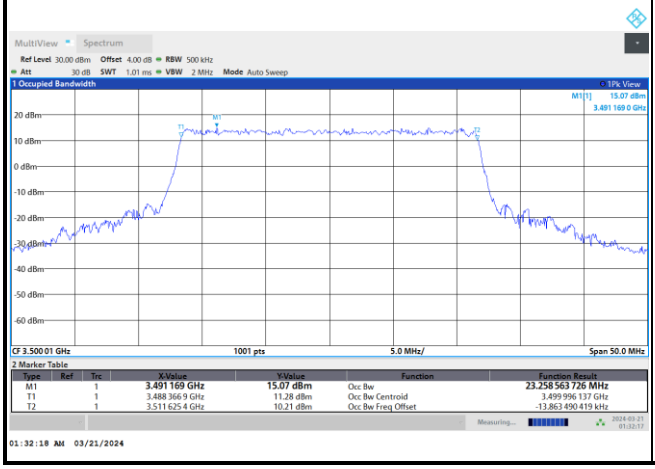

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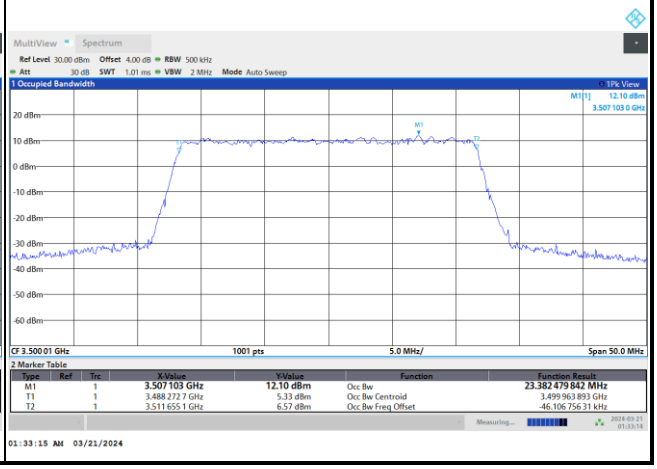
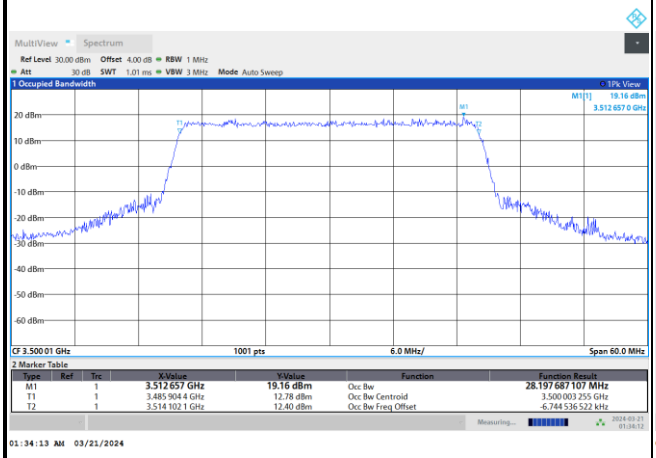


FR1 n77 / 30MHz / CP OFDM / Middle Channel / Full RB

QPSK



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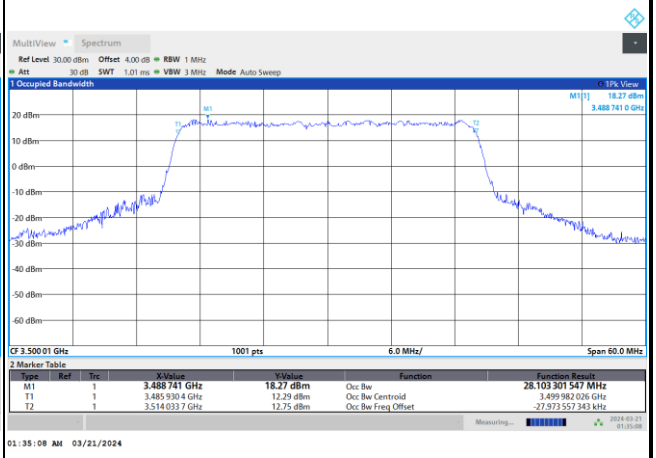

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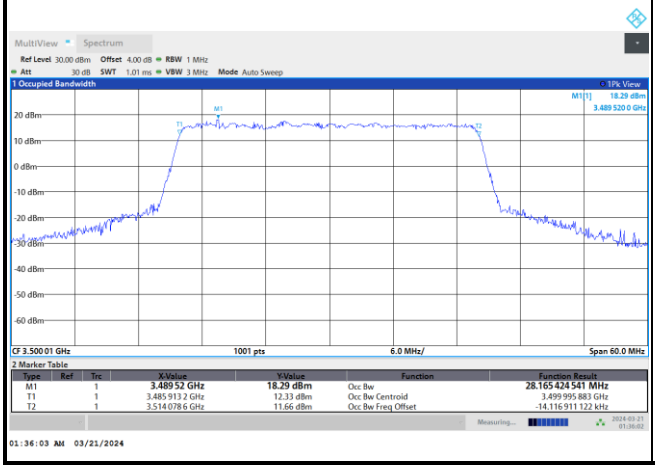

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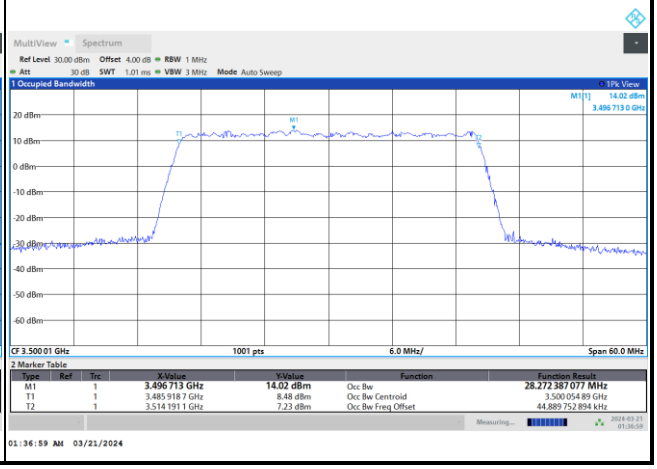
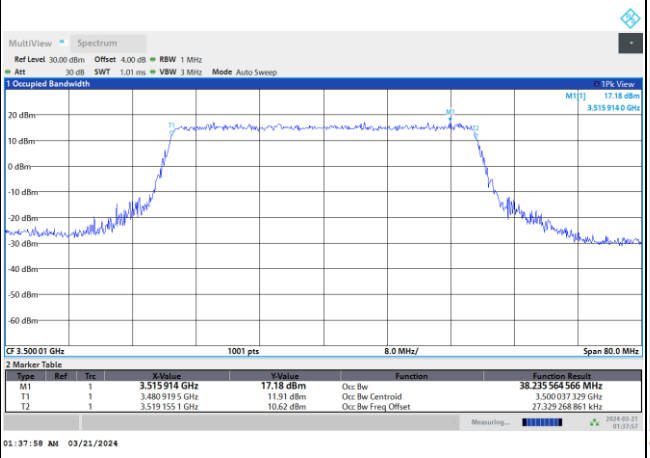
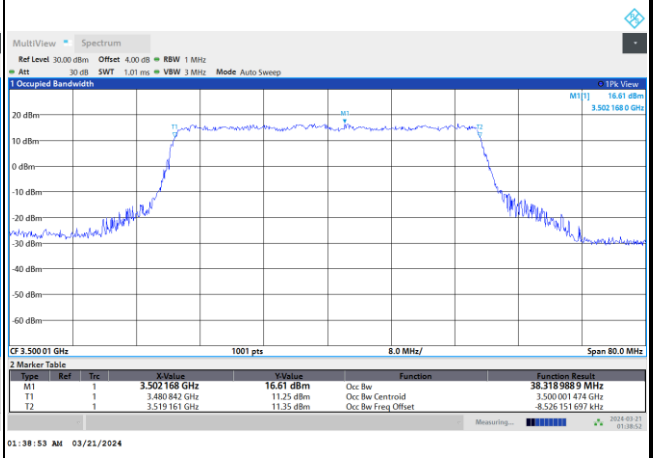


FR1 n77 / 40MHz / CP OFDM / Middle Channel / Full RB

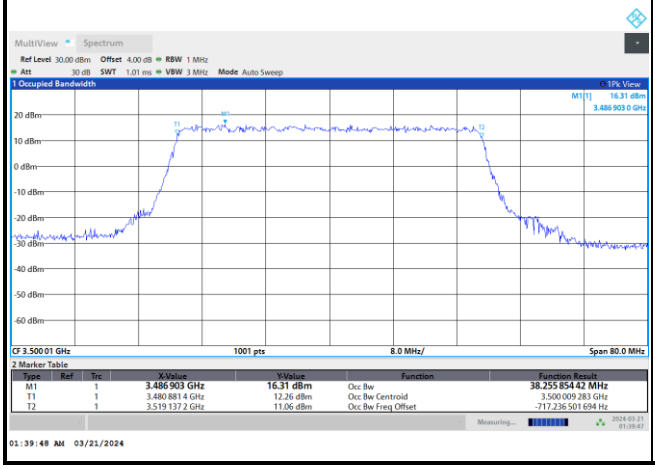
QPSK



16QAM



64QAM



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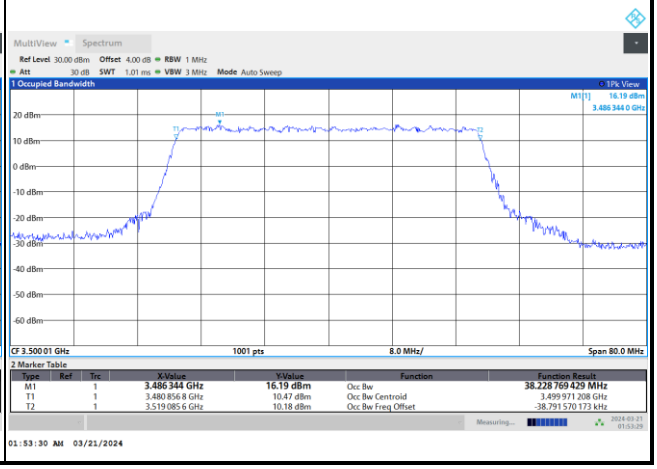
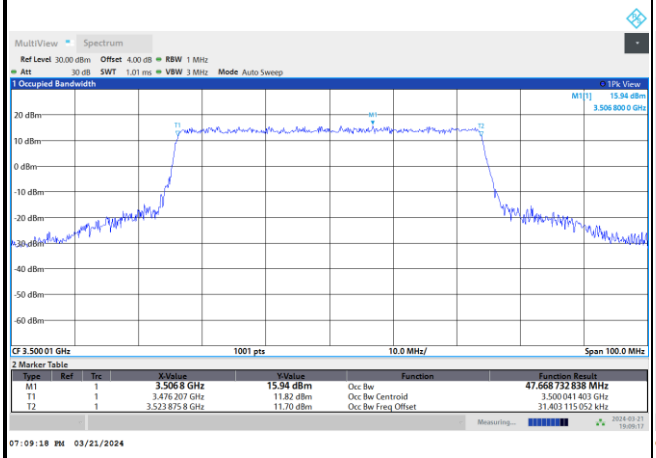


FR1 n77 / 50MHz / CP OFDM / Middle Channel / Full RB

QPSK



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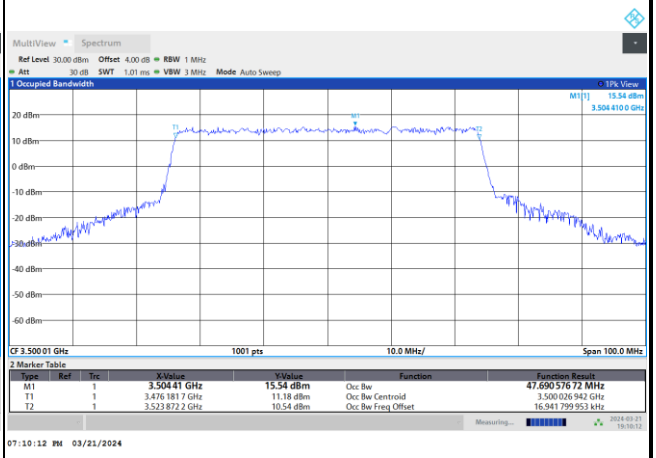
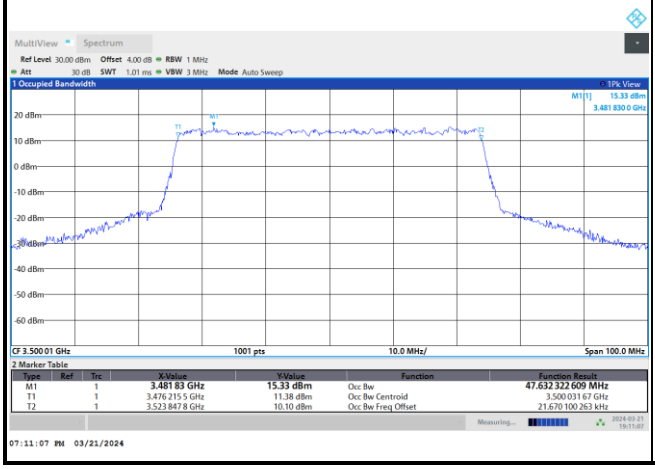
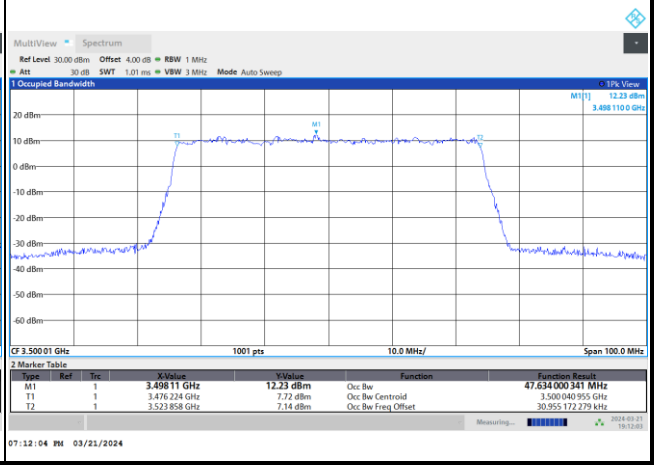
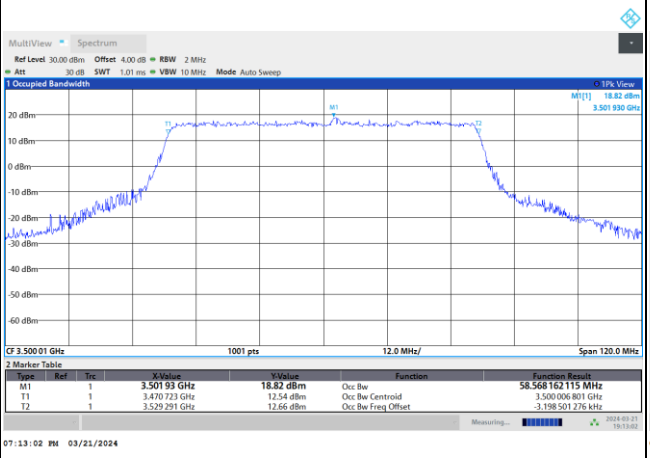
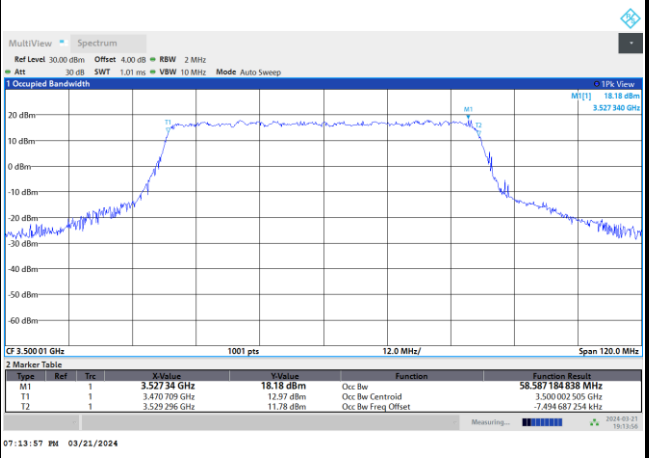
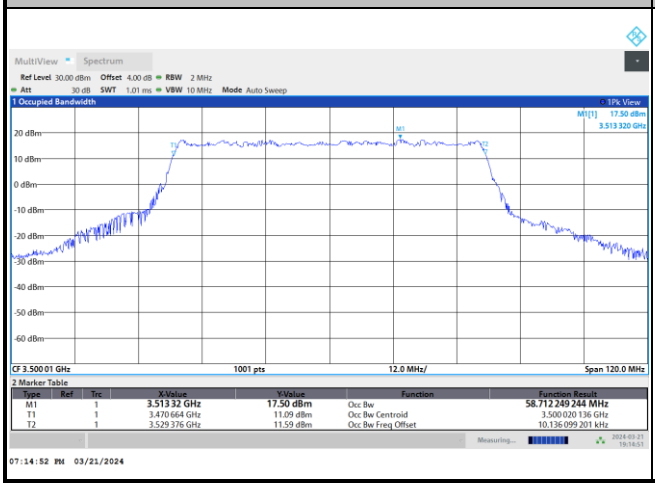
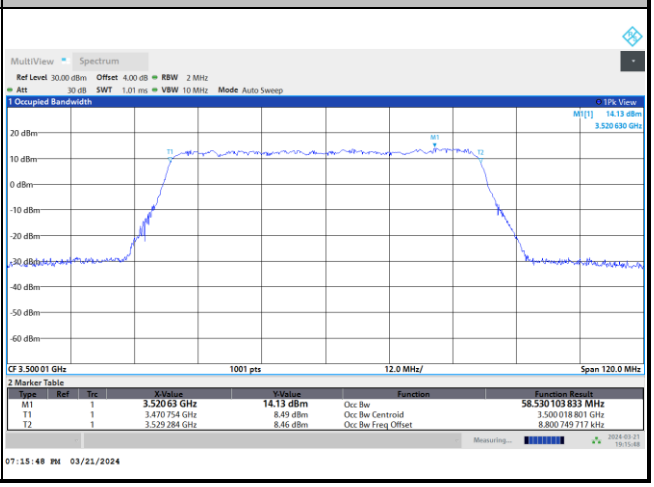


64QAM



256QAM



FR1 n77 / 60MHz / CP OFDM / Middle Channel / Full RB	
QPSK	16QAM
	
64QAM	256QAM