99% & 26dB Bandwidth

Test Result

5G NR N71 SCS=15kHz 5MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.5187	5.209	/	Pass
CP-OFDM QPSK		Outer_Full	4.5271	5.312	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	4.4842	5.085	/	Pass
CP-OFDM QPSK		Outer_Full	4.5203	5.163	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.4953	5.001	/	Pass
CP-OFDM QPSK		Outer_Full	4.5089	5.069	/	Pass

5G NR N71 SCS=15kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	8.9363	9.793	/	Pass
CP-OFDM QPSK		Outer_Full	9.2914	10.03	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	8.9485	9.731	/	Pass
CP-OFDM QPSK		Outer_Full	9.327	10.07	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.9467	9.596	/	Pass
CP-OFDM QPSK		Outer_Full	9.3143	10.09	/	Pass

5G NR N71 SCS=15kHz 15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	13.449	14.37	/	Pass
CP-OFDM QPSK		Outer_Full	14.108	15.12	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	13.502	14.52	/	Pass
CP-OFDM QPSK		Outer_Full	14.205	15.18	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	13.468	14.51	/	Pass
CP-OFDM QPSK		Outer_Full	14.167	15.2	/	Pass

5G NR N71 SCS=15kHz 20MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	17.848	18.95	/	Pass
CP-OFDM QPSK		Outer_Full	18.918	19.87	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	17.918	18.84	/	Pass
CP-OFDM QPSK		Outer_Full	19.022	20.3	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.868	18.89	/	Pass
CP-OFDM QPSK		Outer_Full	18.918	20.09	/	Pass

Peak-Average Ratio

Test Result

5G NR N71 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.87	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.56	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.98	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.32	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.46	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.1	<=13	Pass

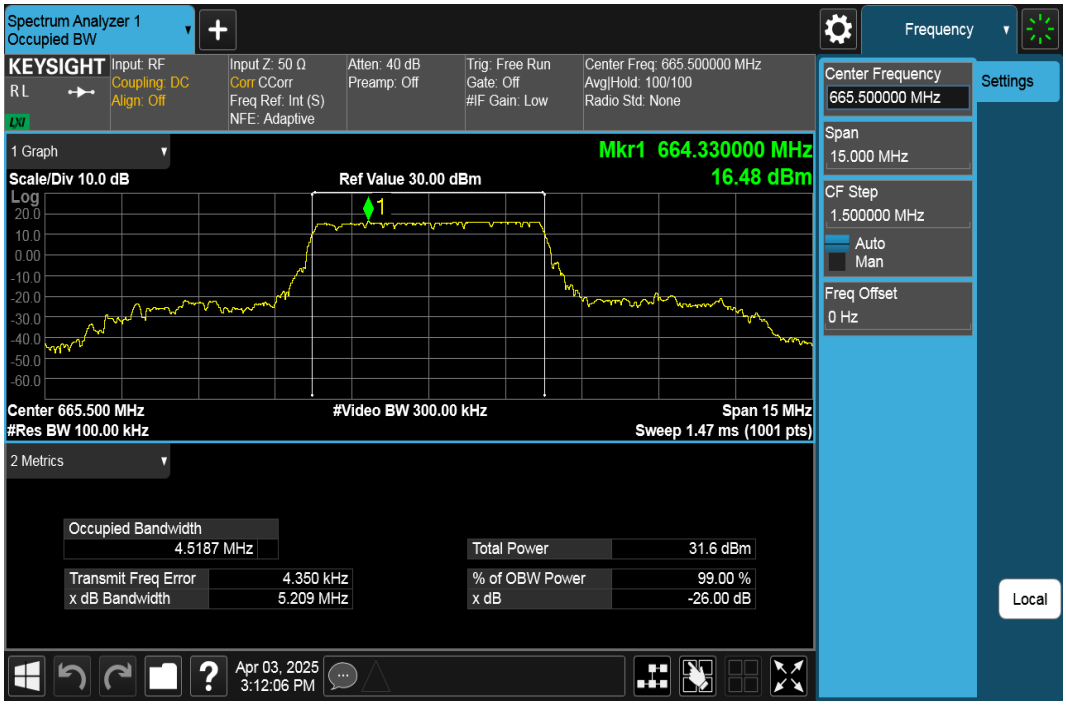
5G NR N71 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.7	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.22	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.98	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.4	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.48	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.18	<=13	Pass

5G NR N71 SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.91	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.41	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.96	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.67	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.69	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.42	<=13	Pass

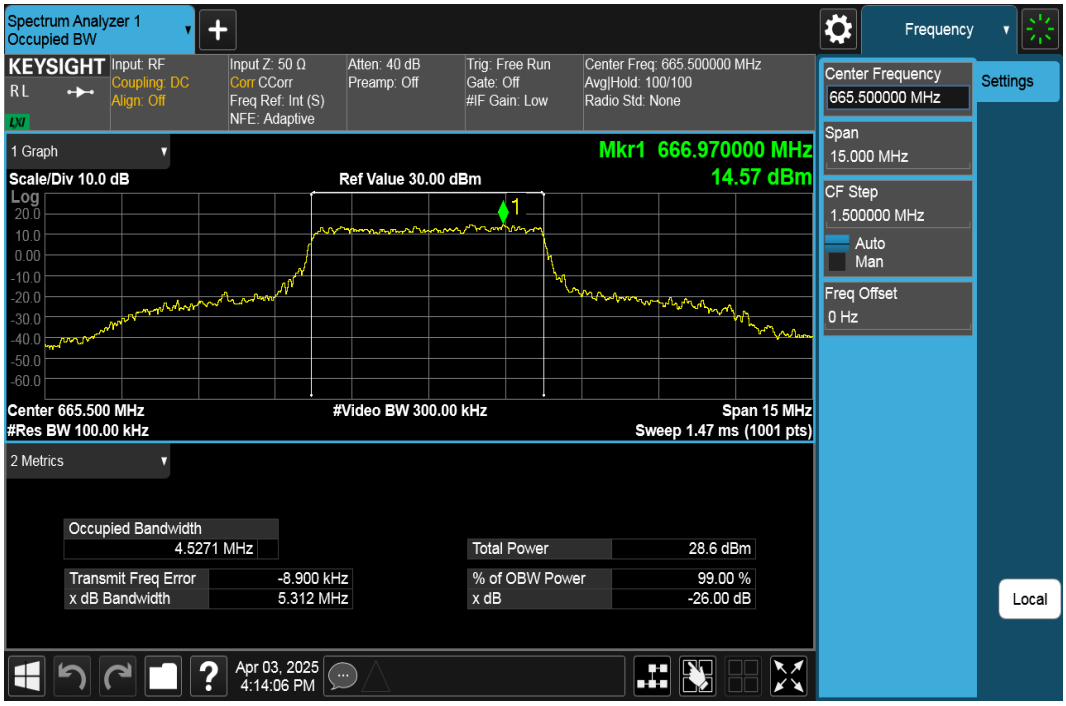
5G NR N71 SCS=15kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.62	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.51	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.02	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.6	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.67	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.55	<=13	Pass

OBW Test graph

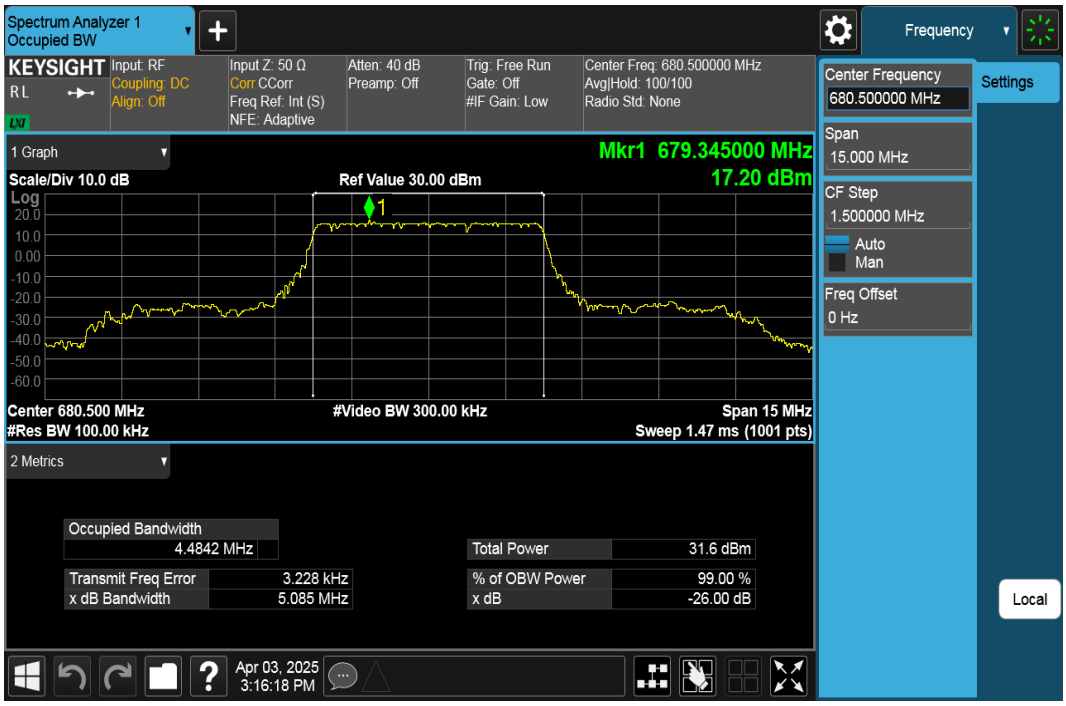
N71-5M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N71-5M-OBW-LCH-CP-OFDM-QPSK-Outer_Full



N71-5M-OBW-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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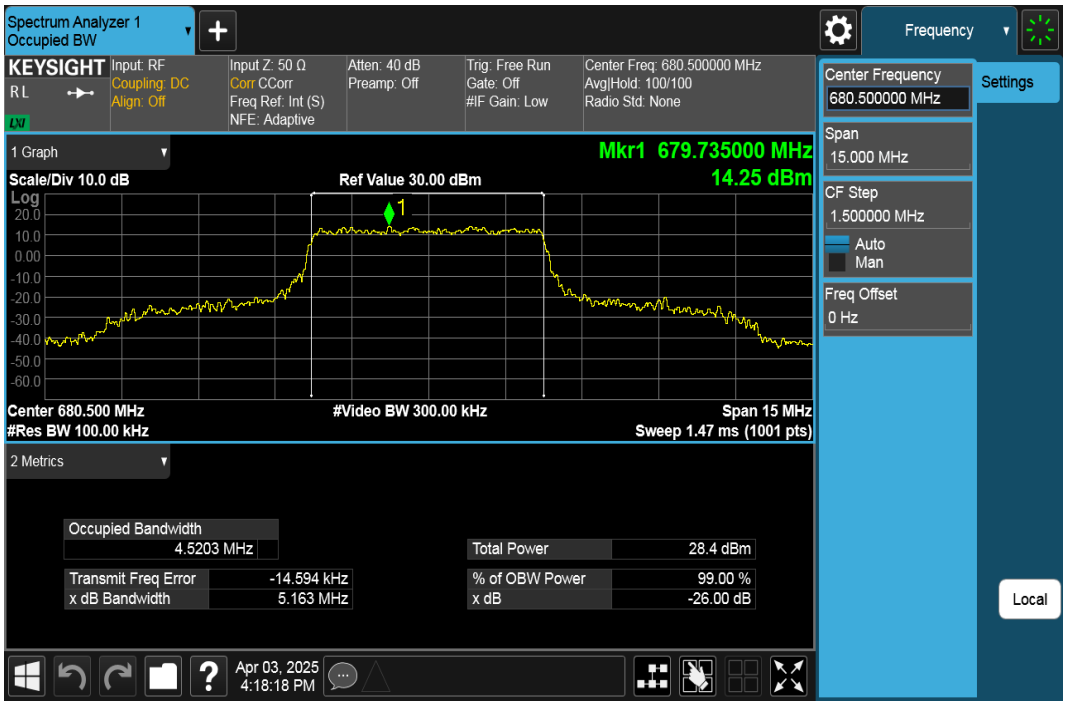

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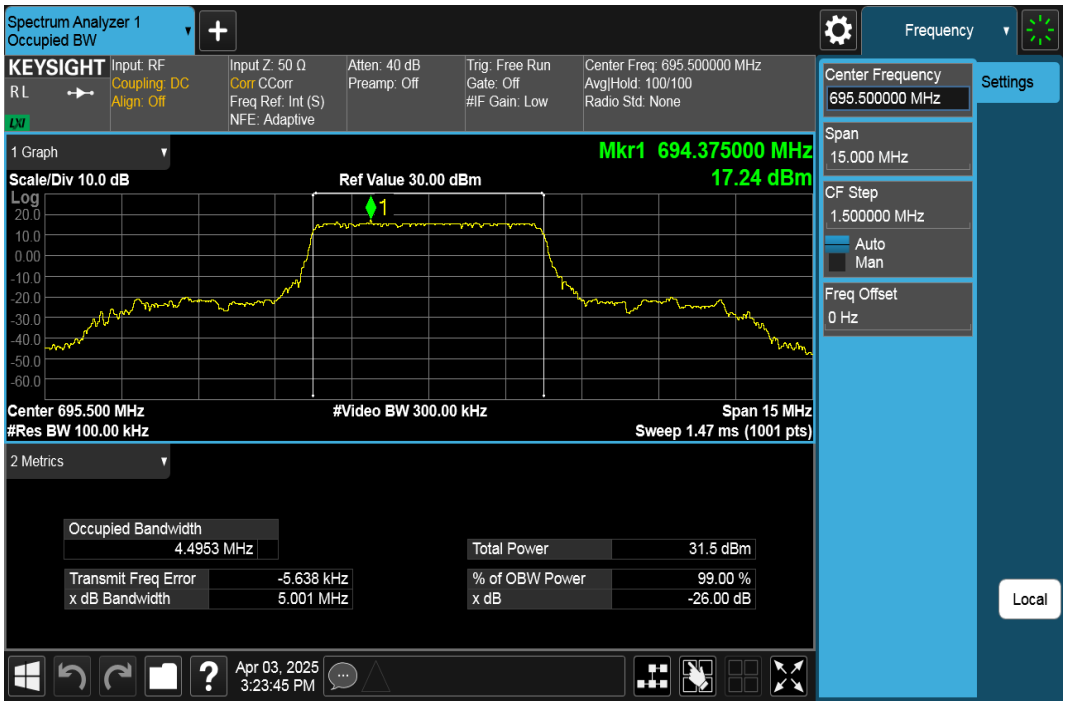

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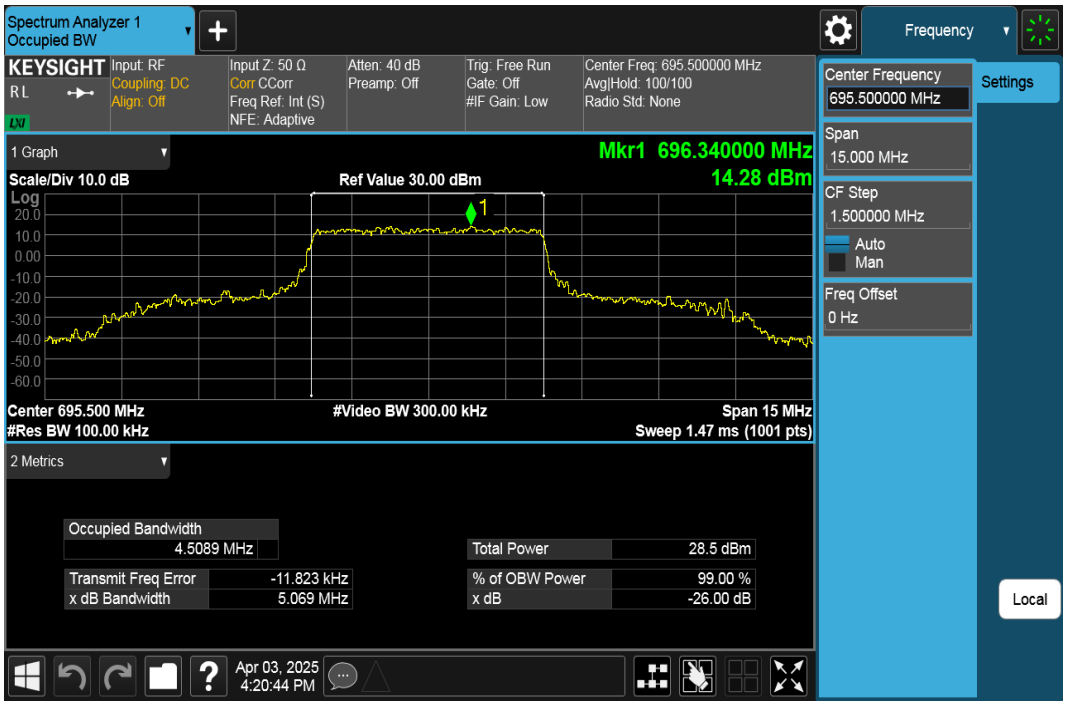
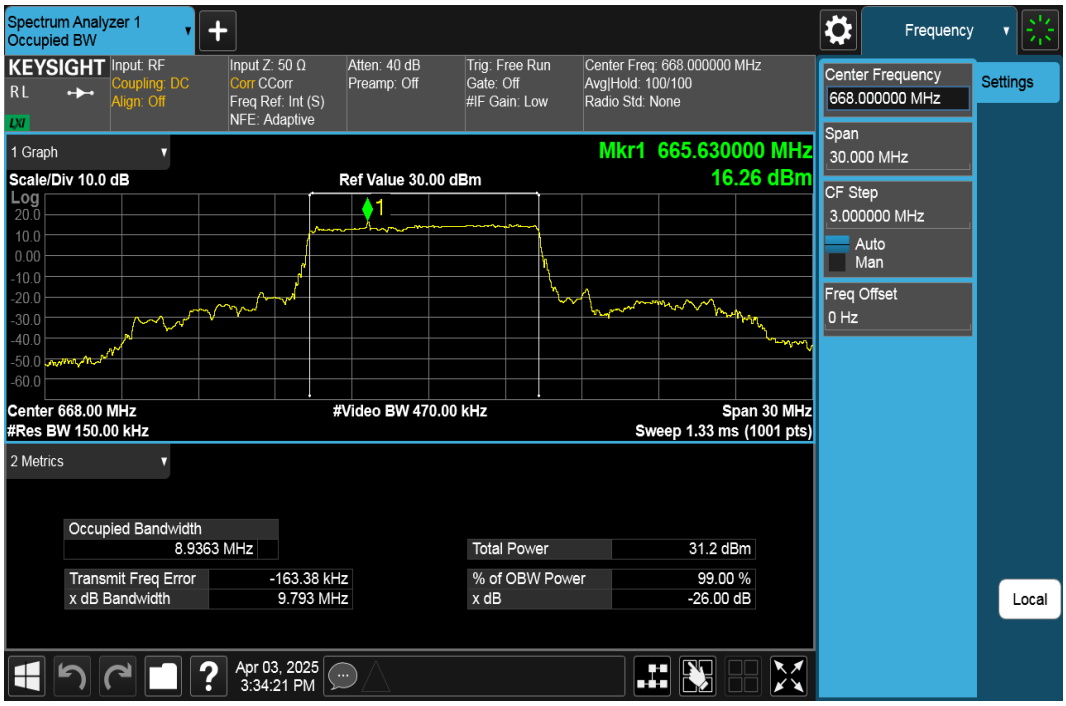


N71-10M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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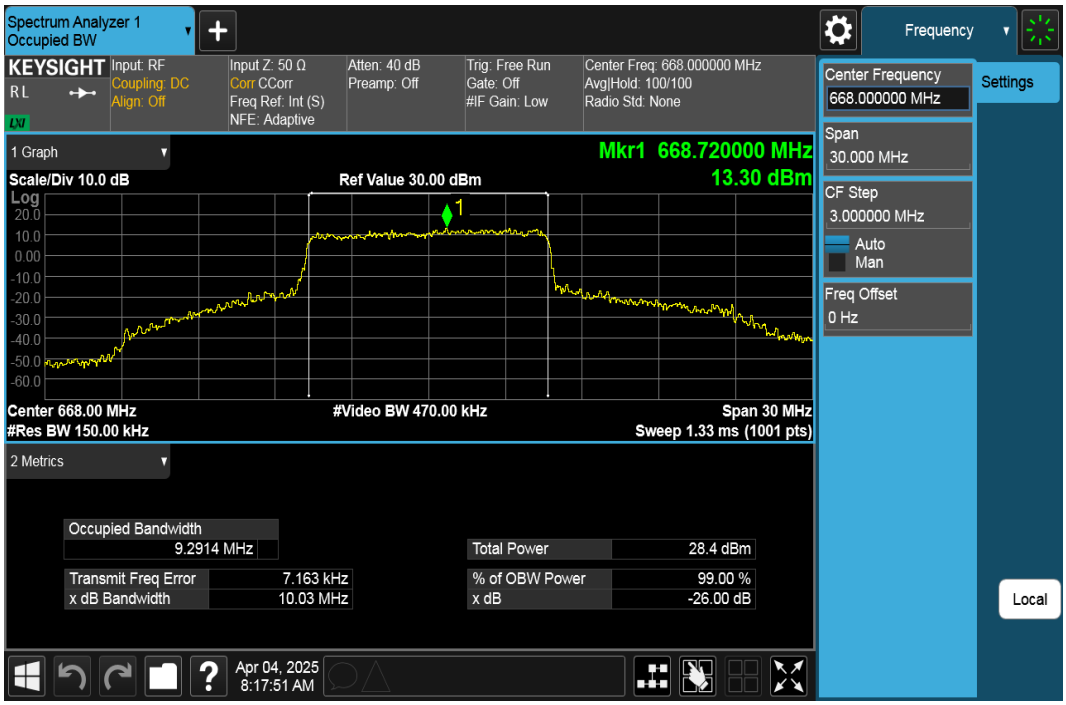

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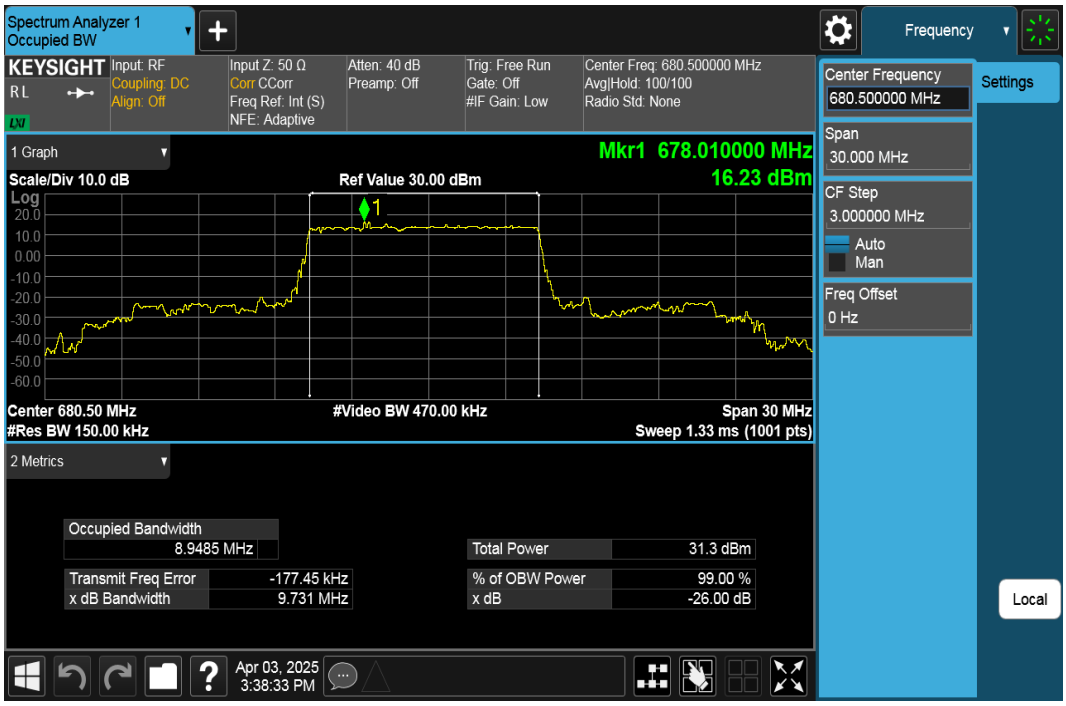

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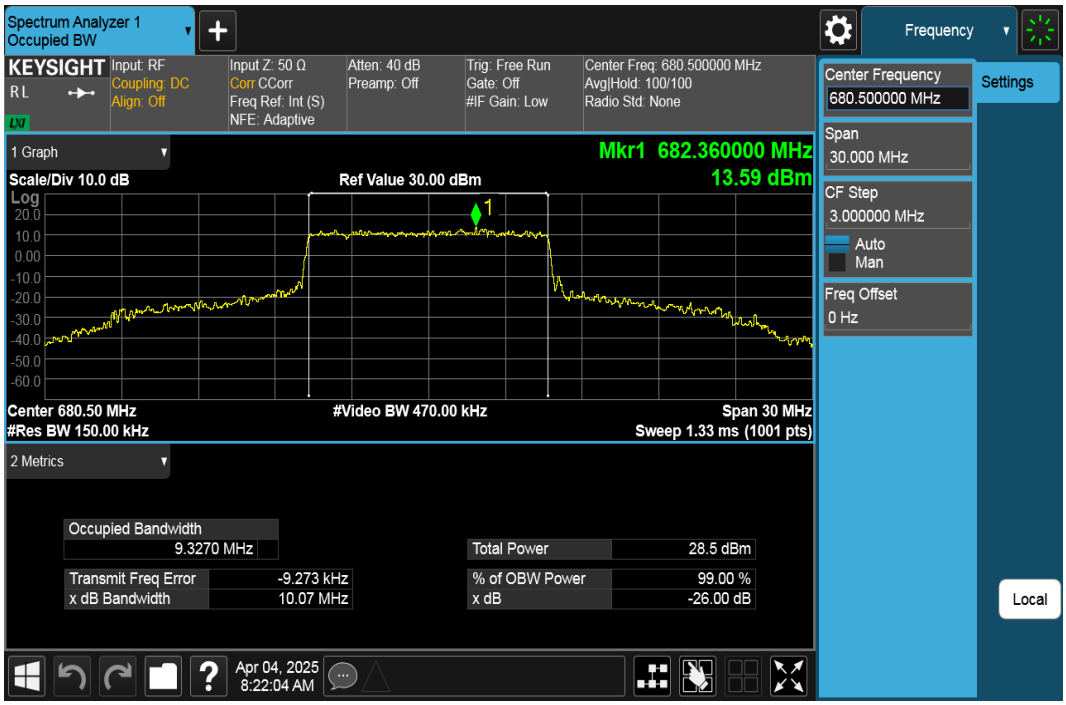
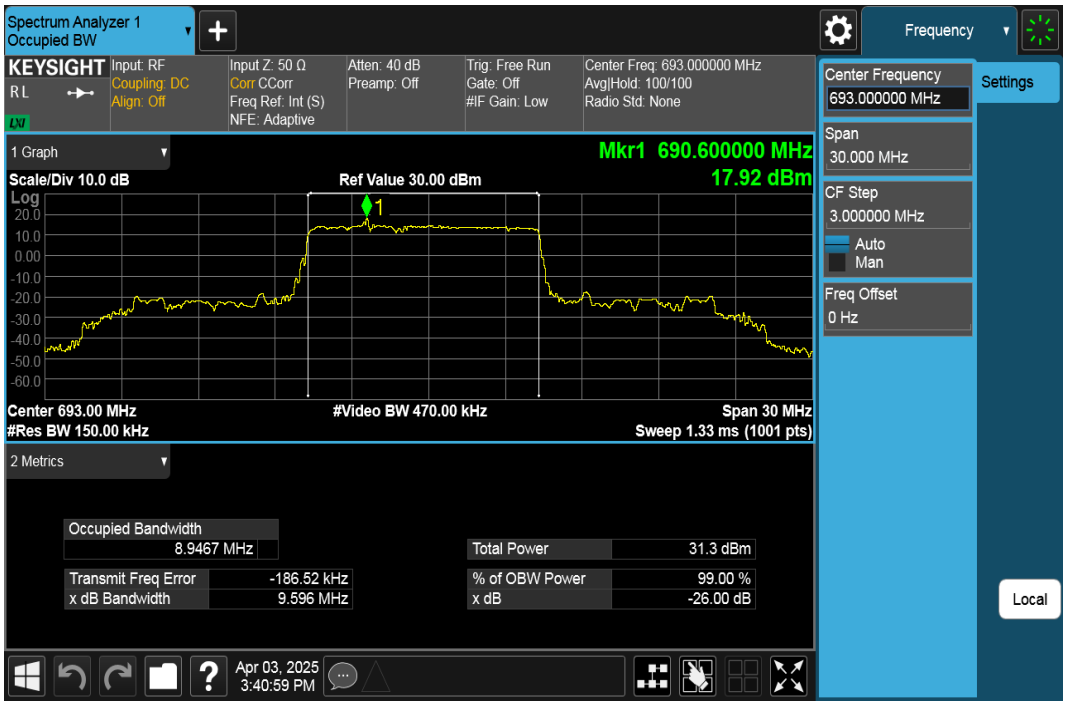


N71-10M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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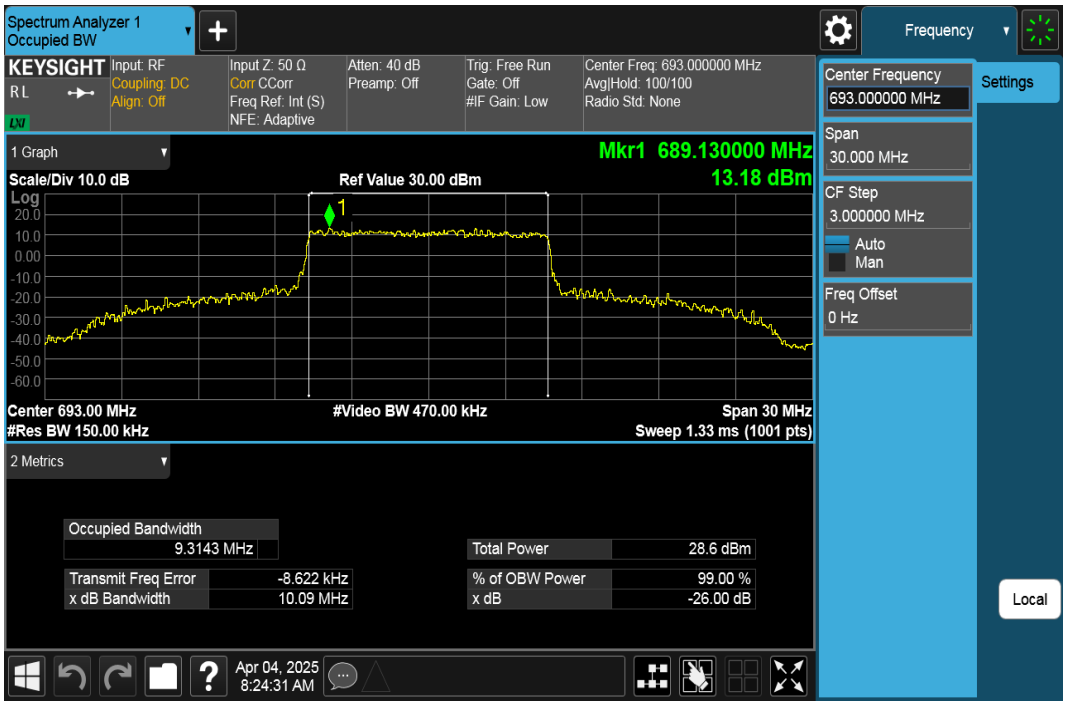

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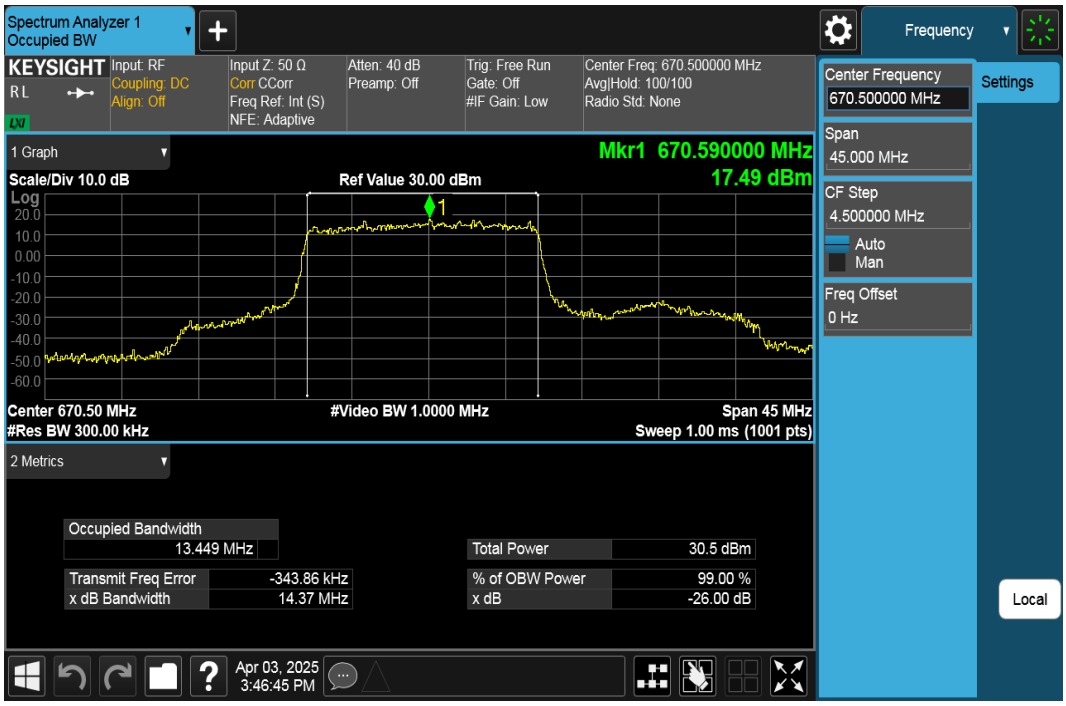

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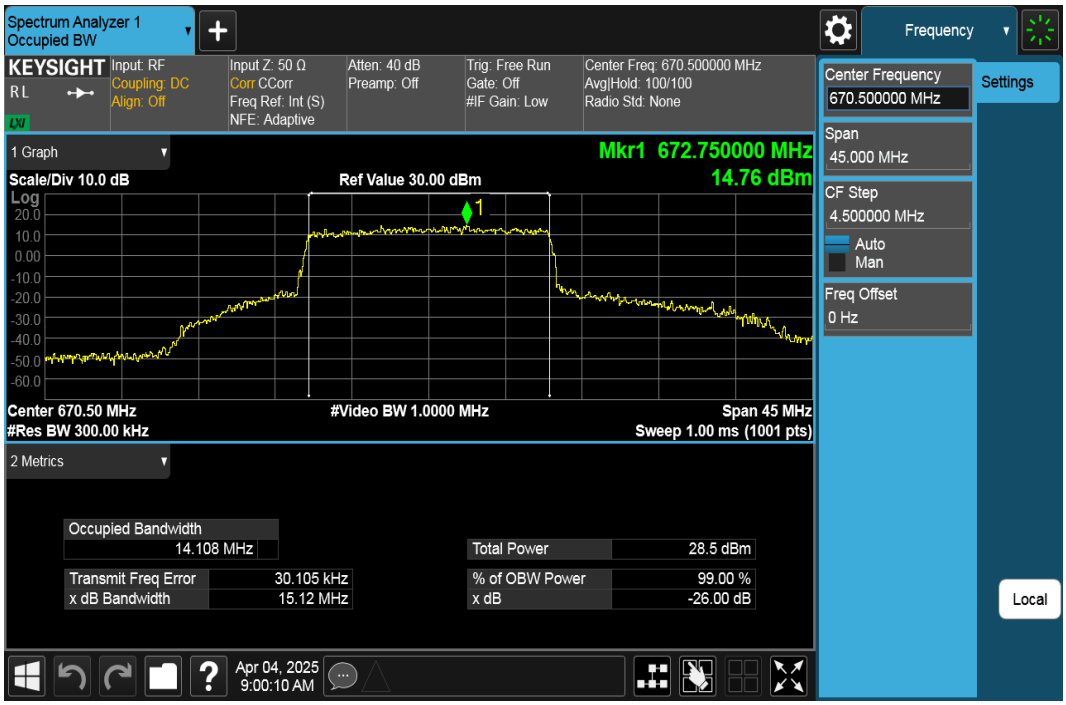

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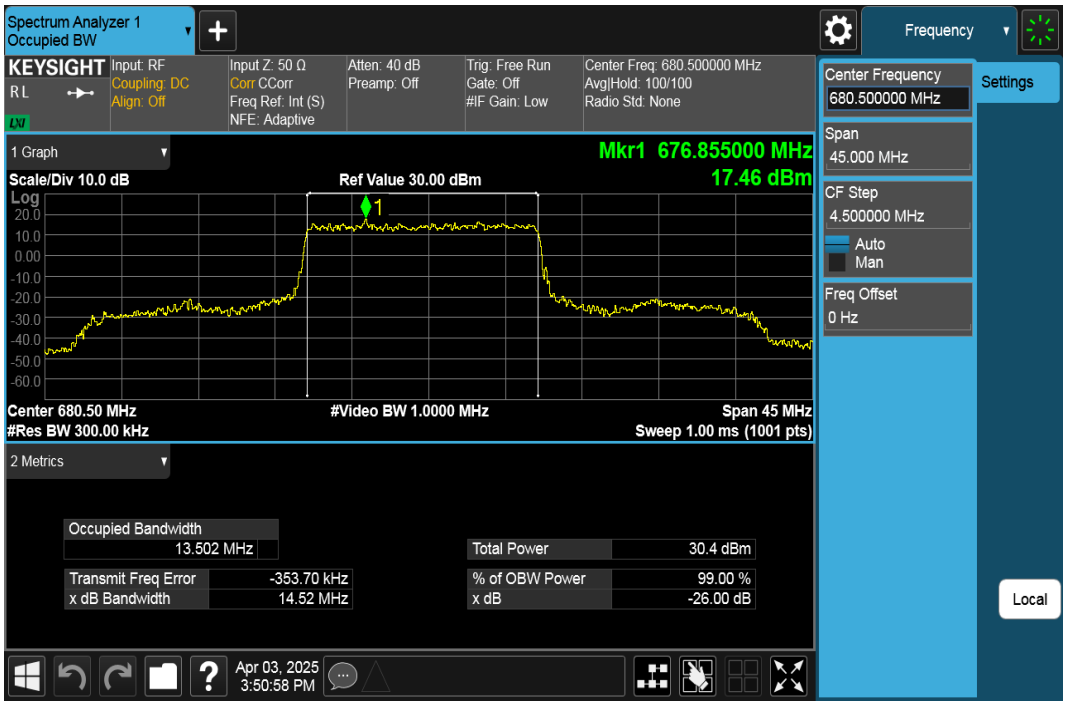

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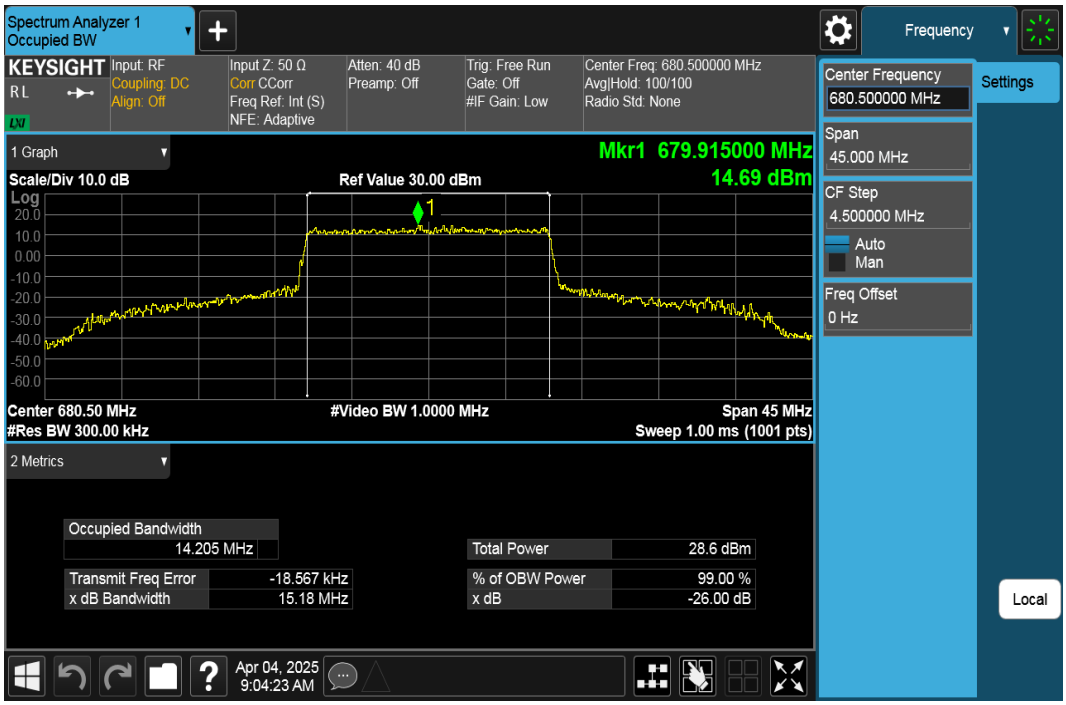
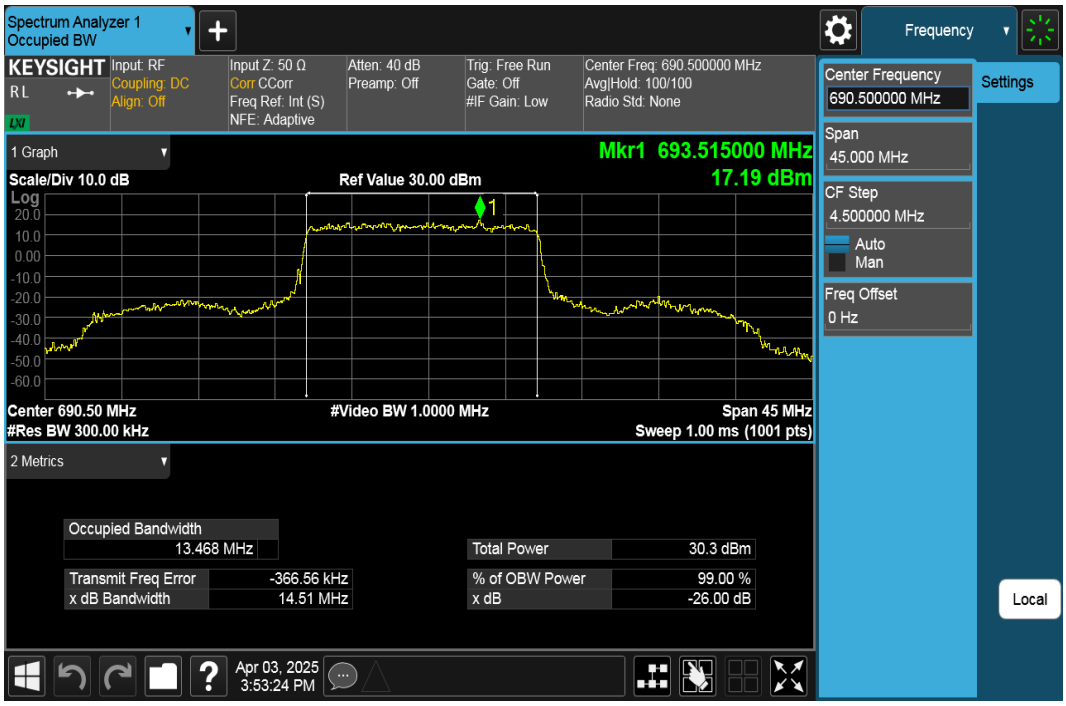


N71-15M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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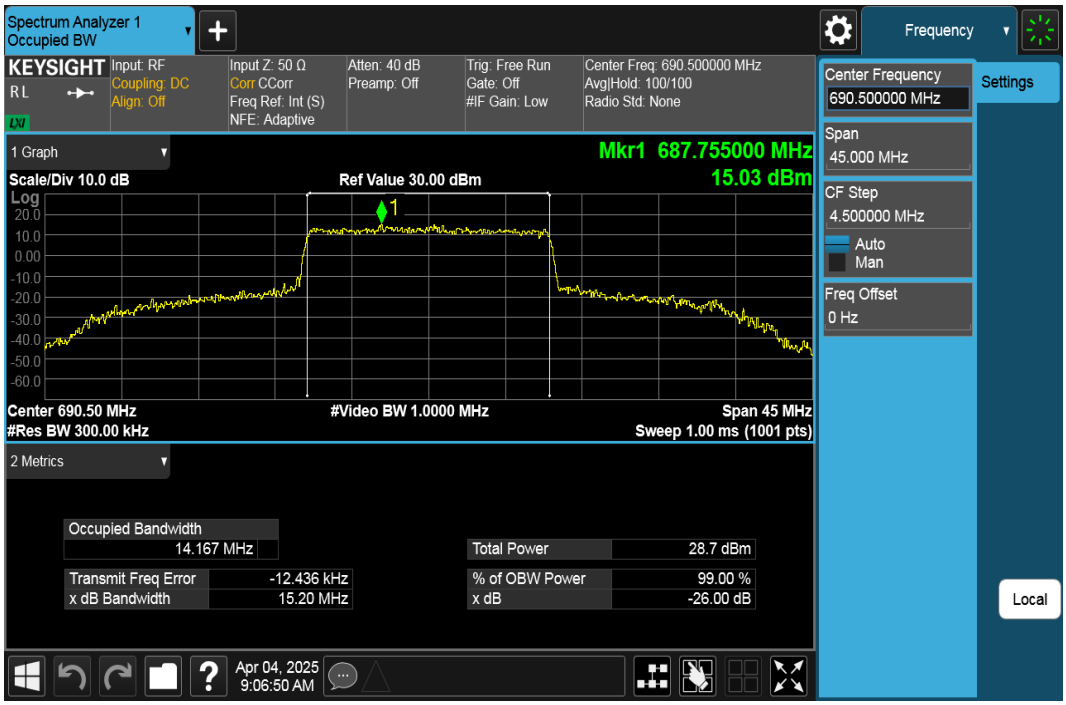
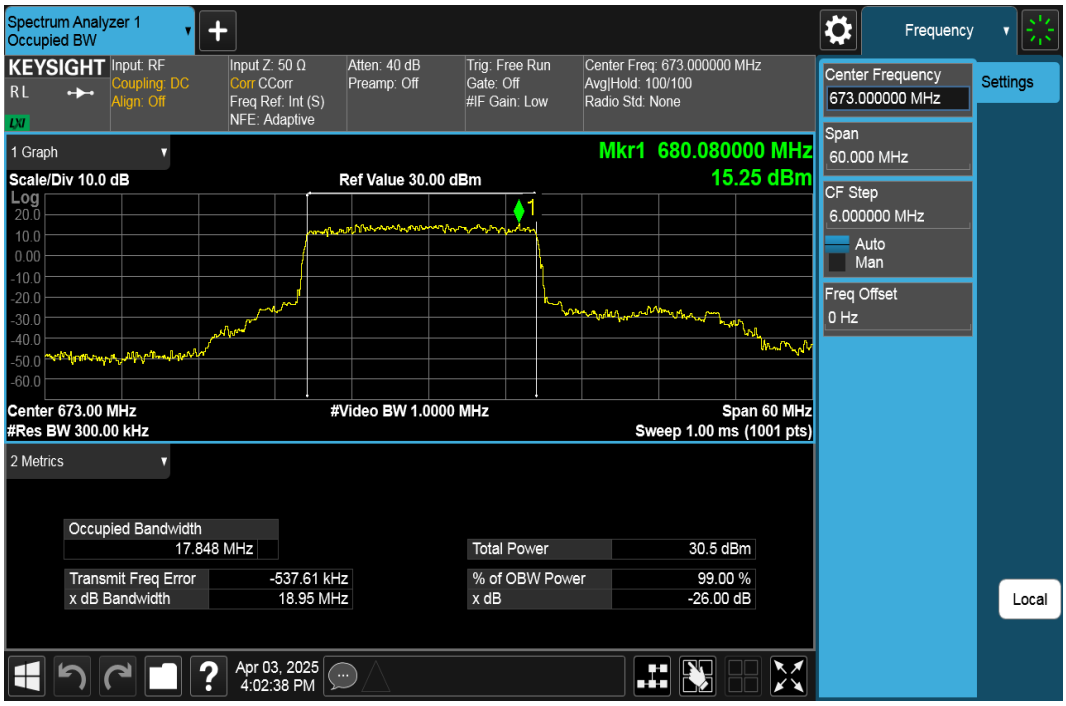


N71-20M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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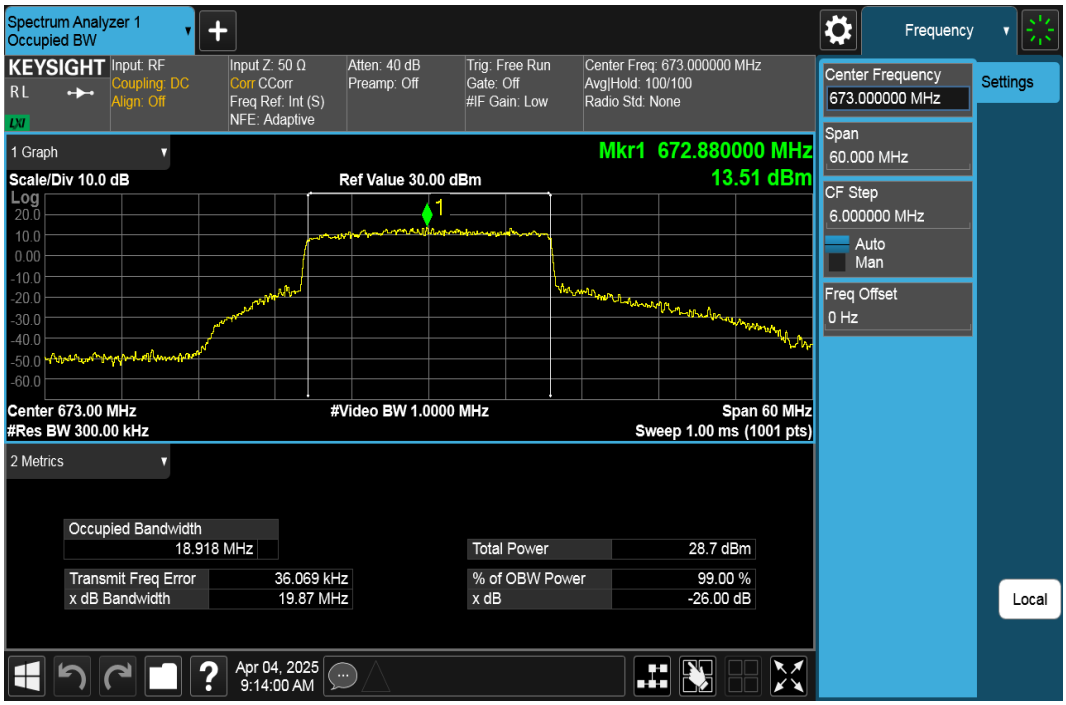
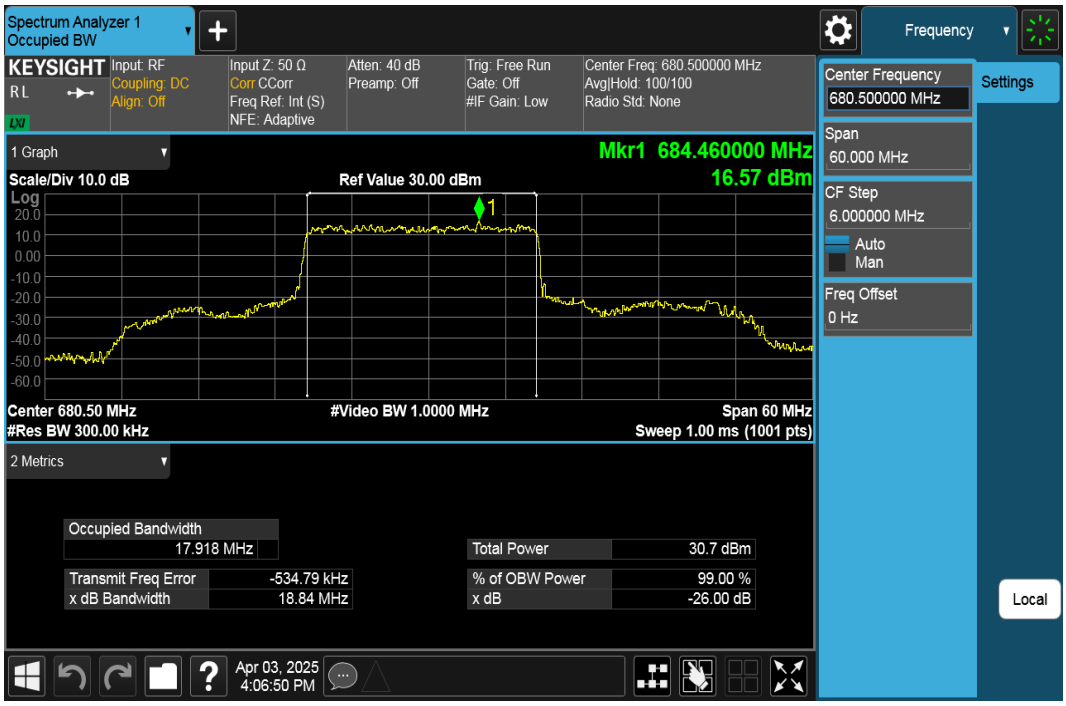


N71-20M-OBW-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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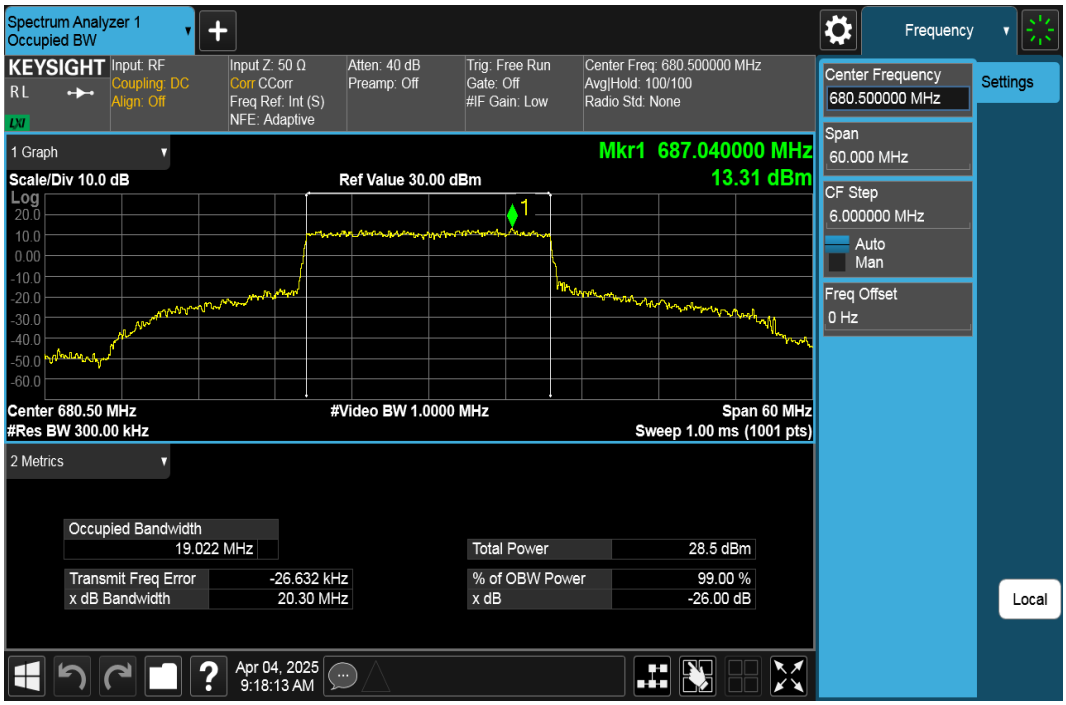

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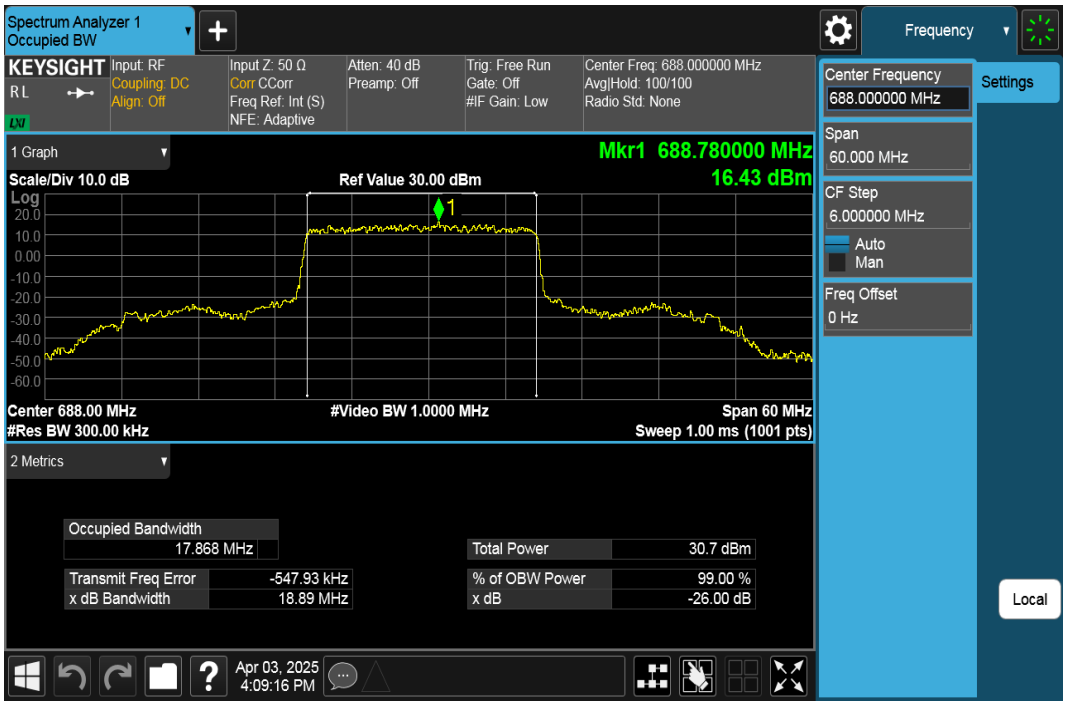
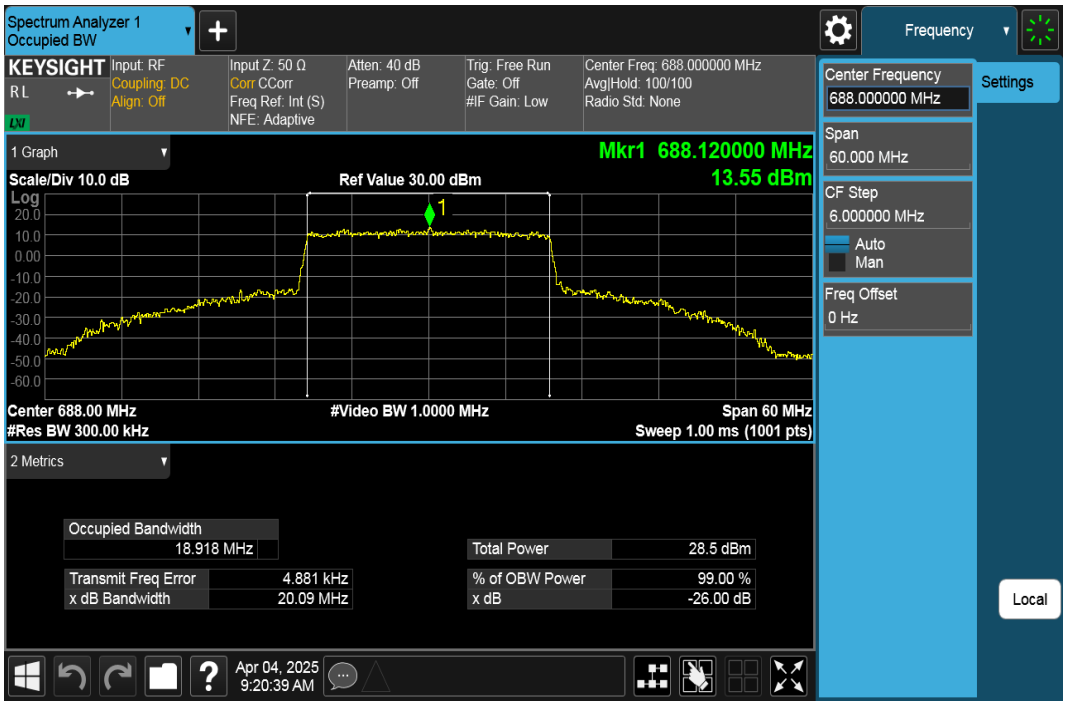
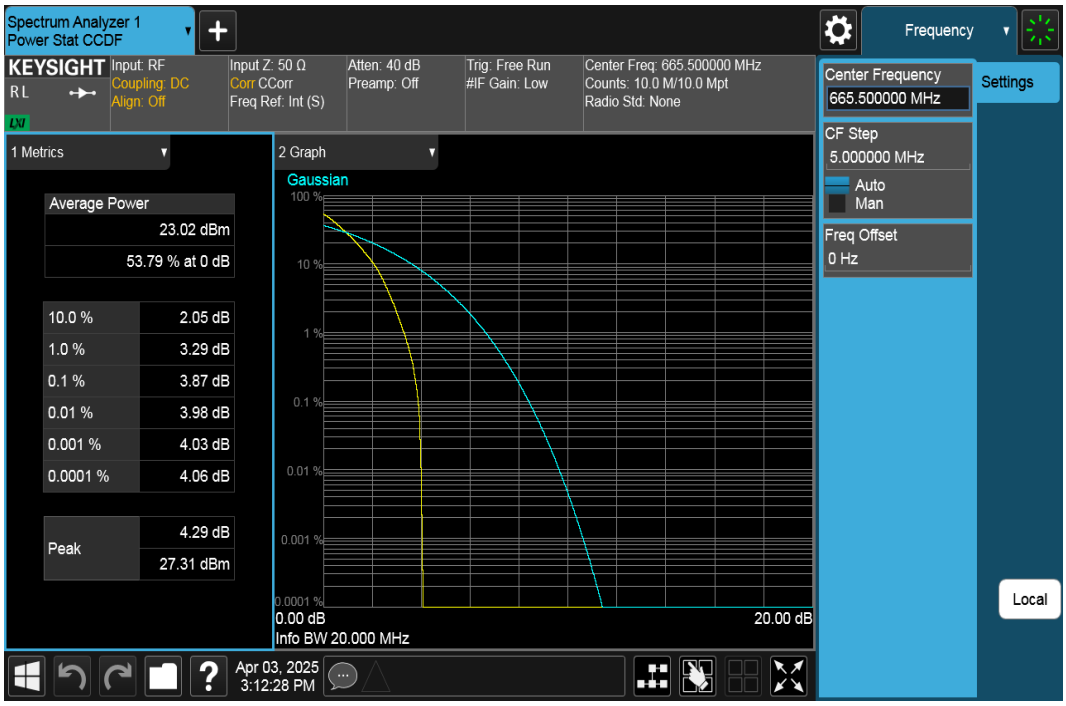


N71-20M-OBW-HCH-CP-OFDM-QPSK-Outer_Full

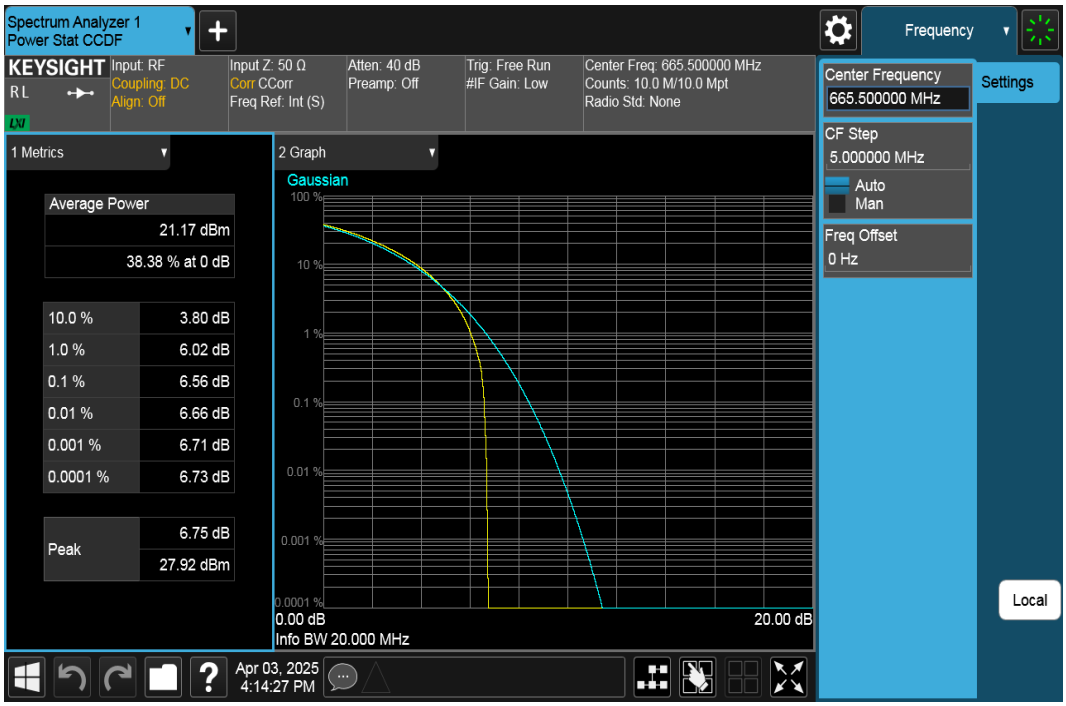


PAPR Test graph

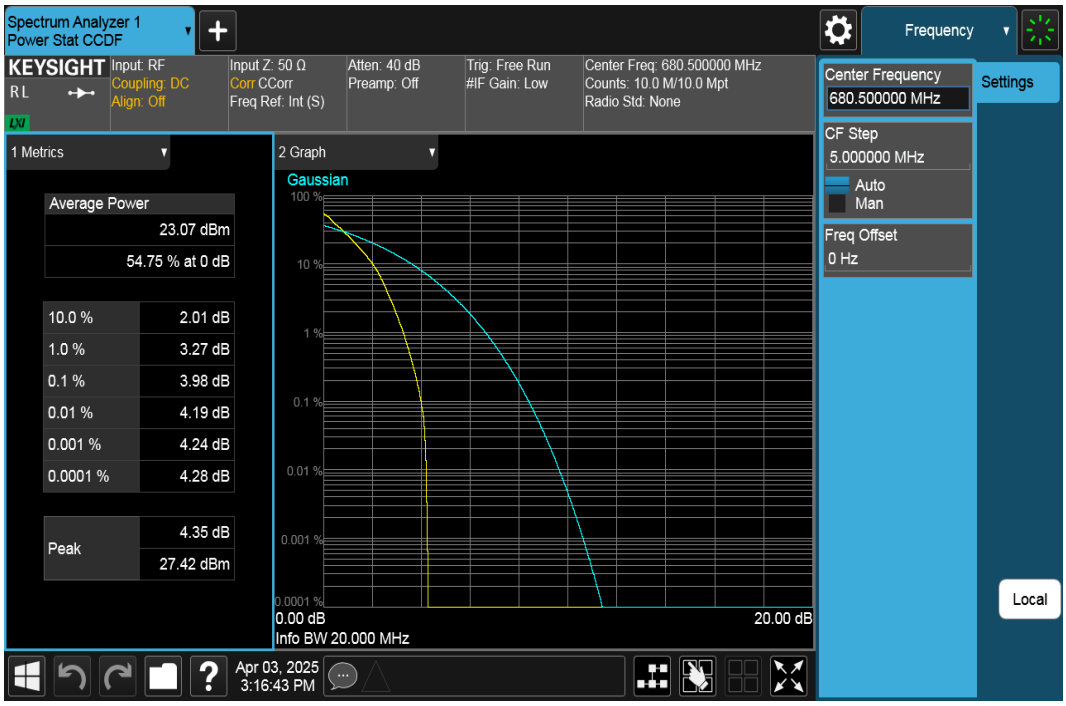
N71-5M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



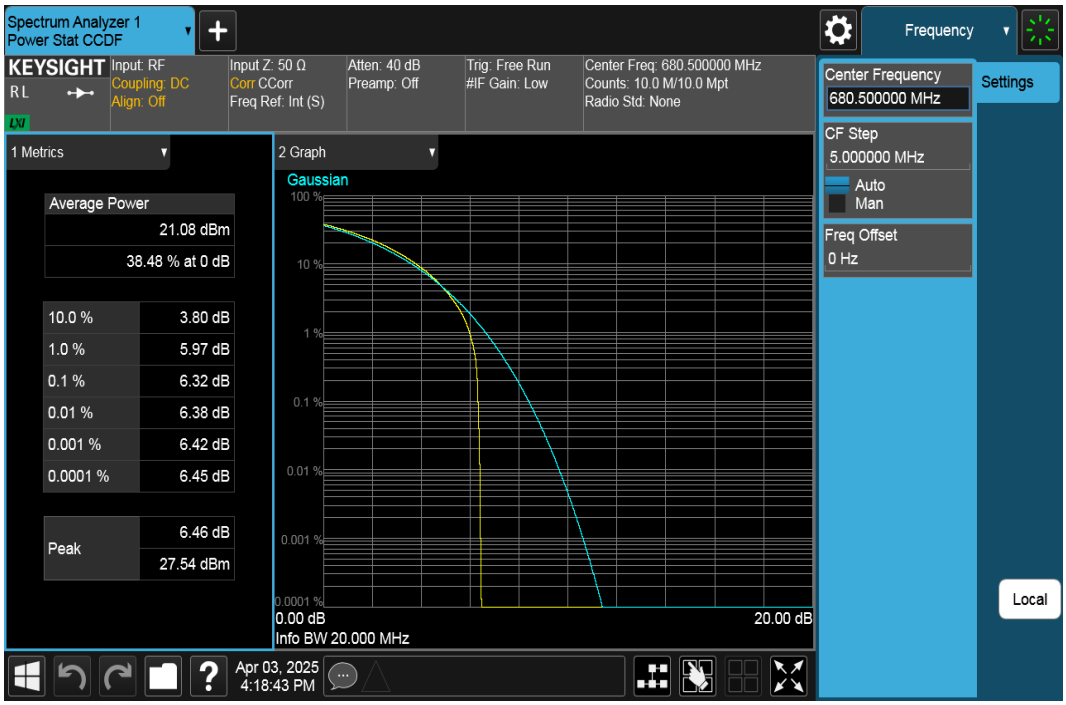
N71-5M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N71-5M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N71-5M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



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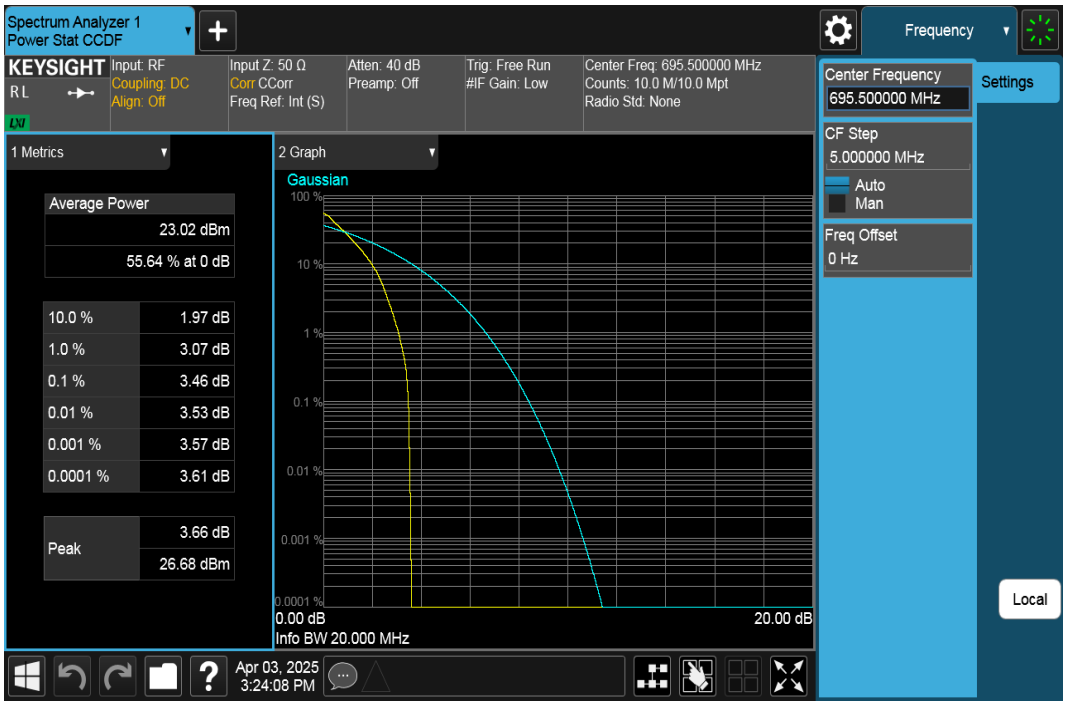

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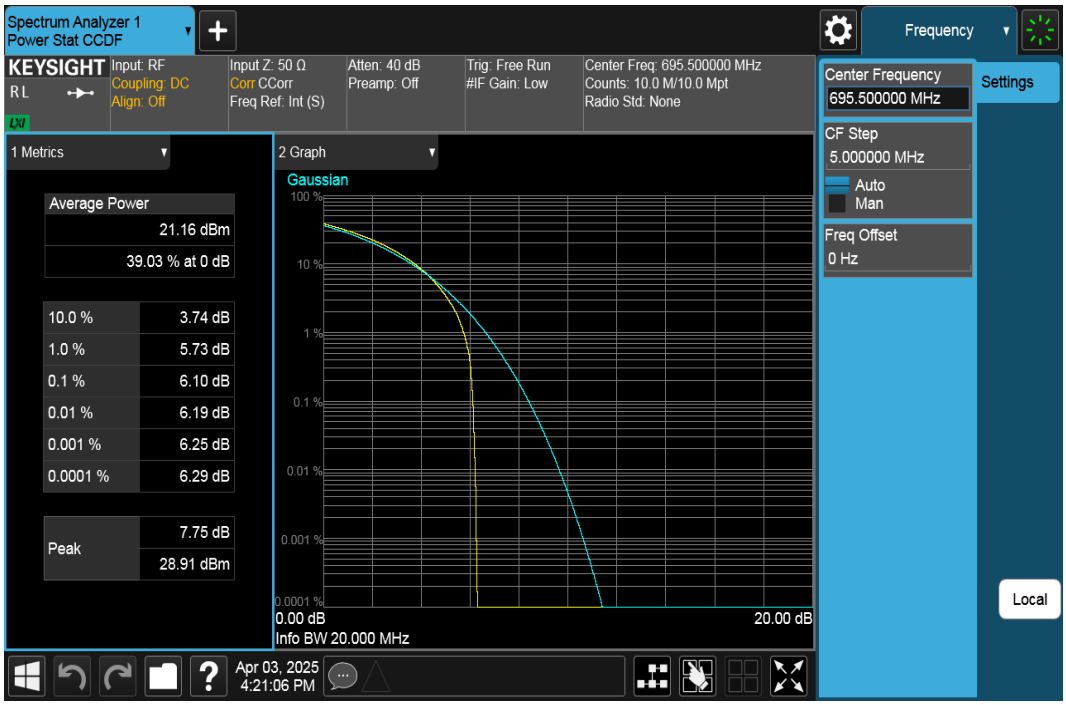
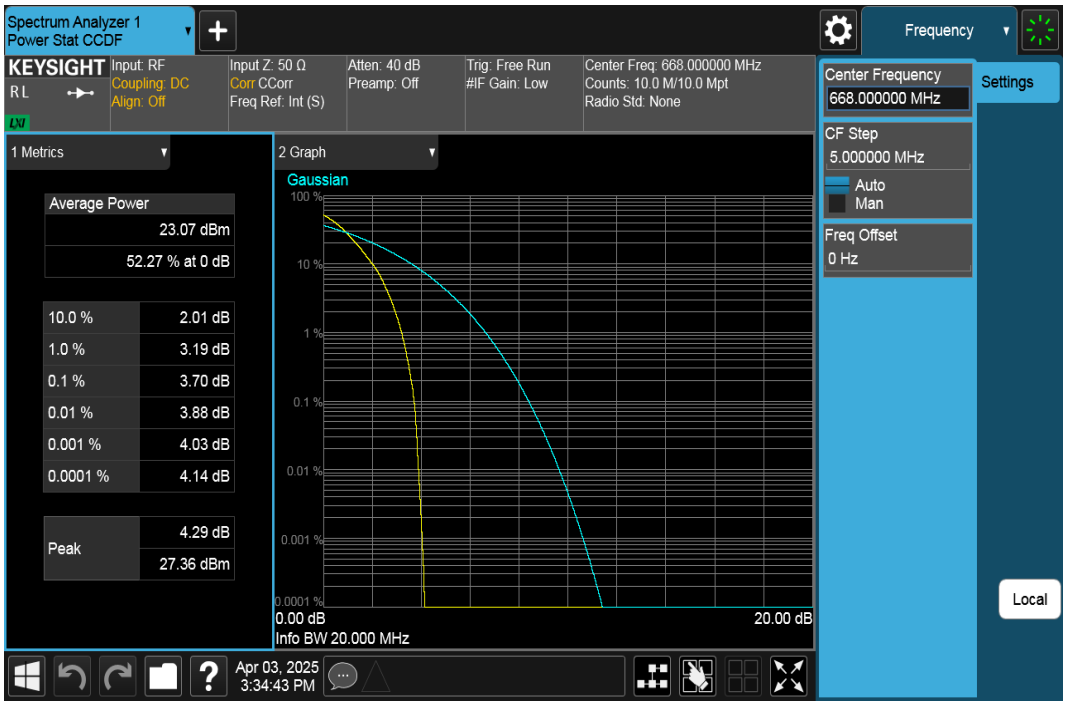


N71-10M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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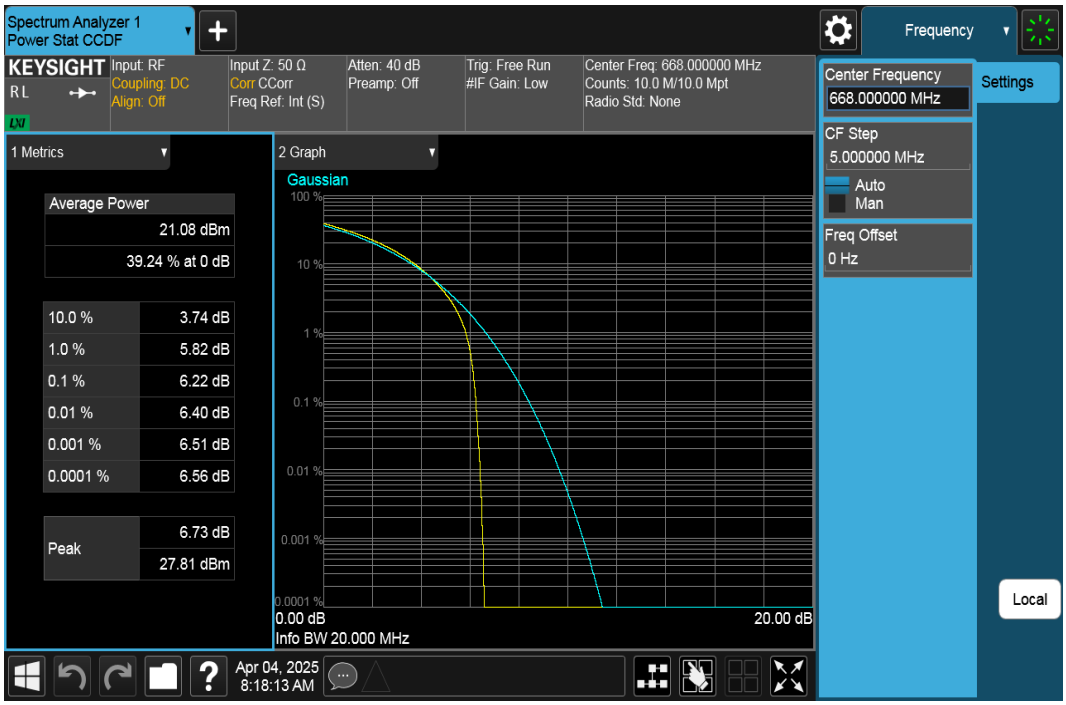
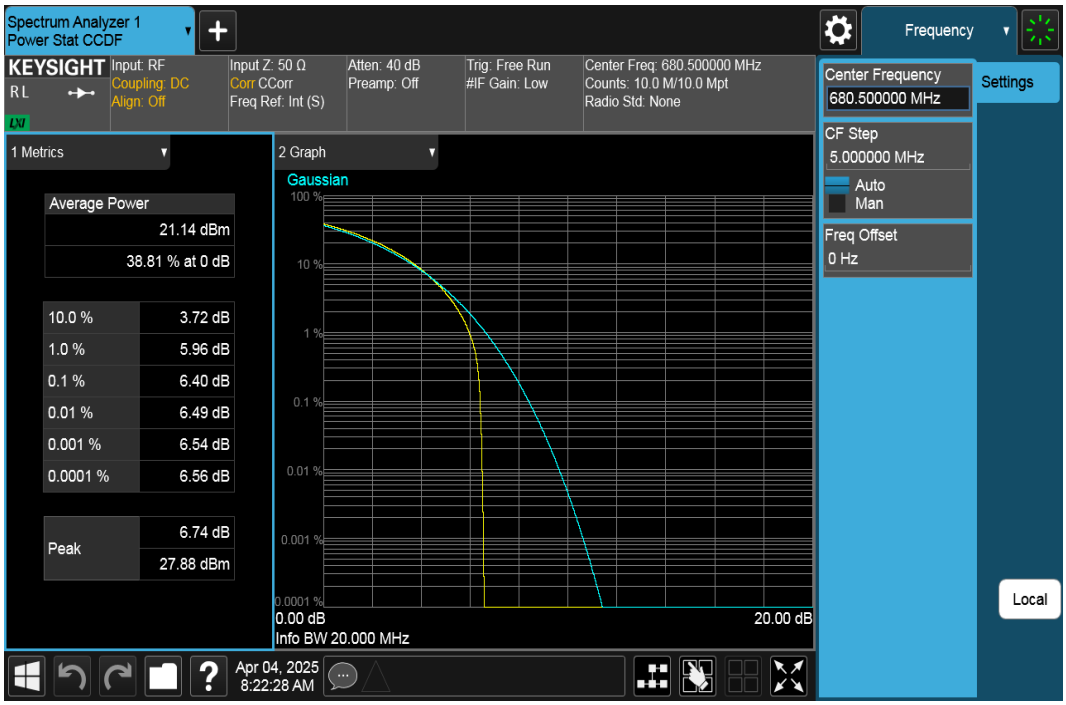


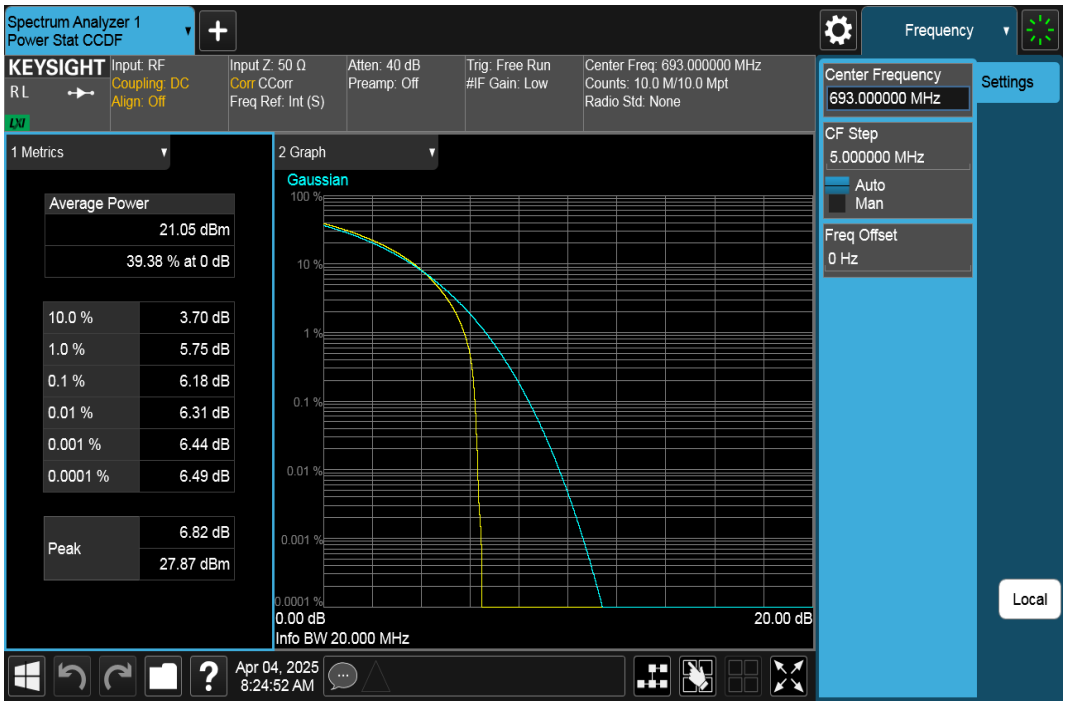
N71-10M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N71-10M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full

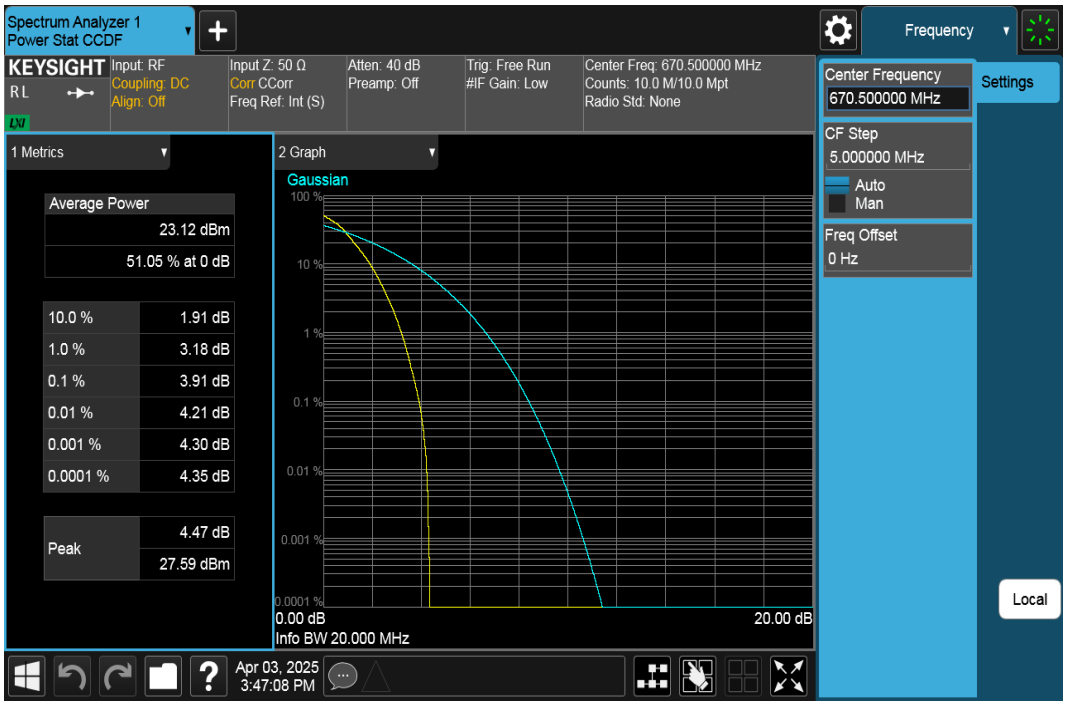


N71-10M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N71-10M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full



N71-15M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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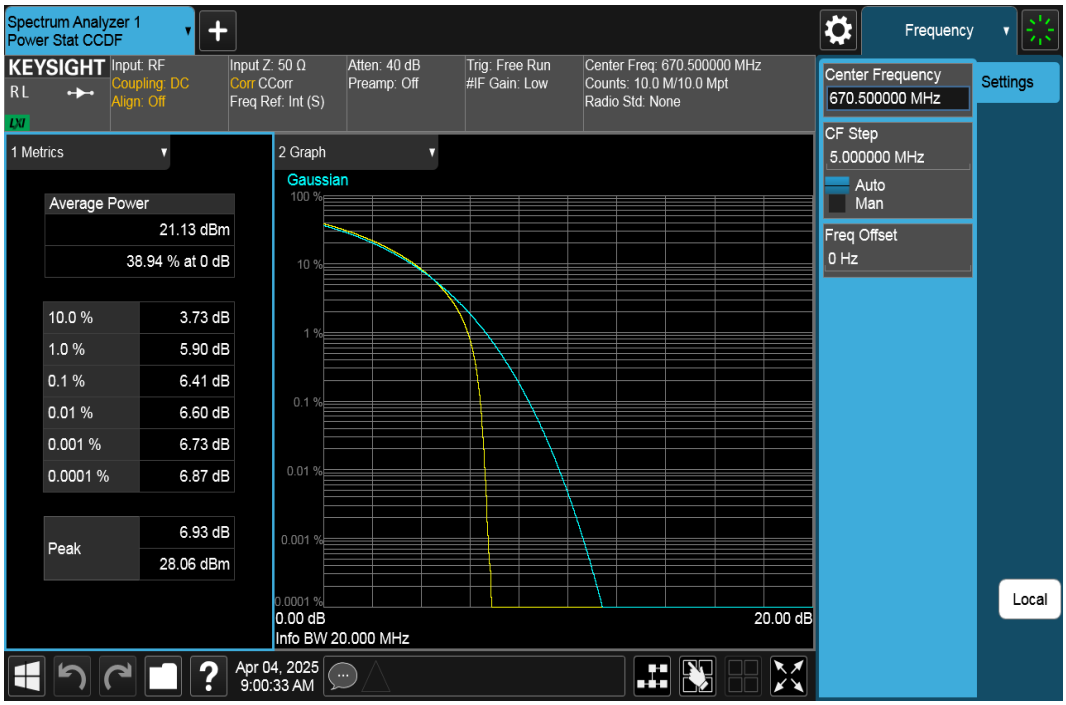
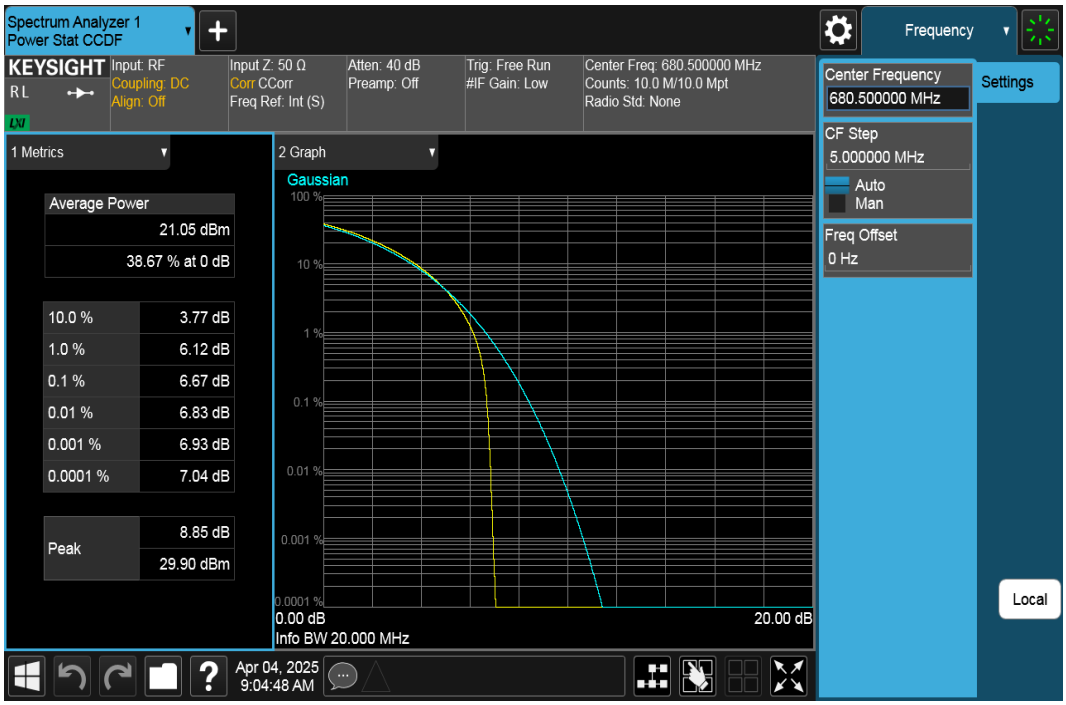


N71-15M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N71-15M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



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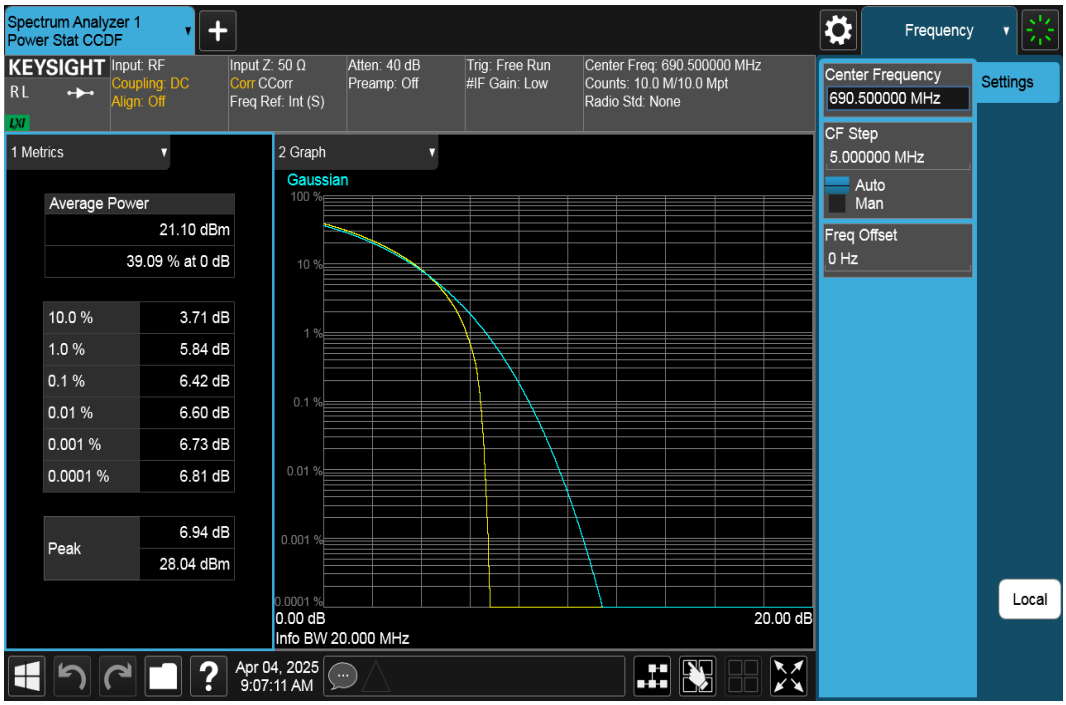

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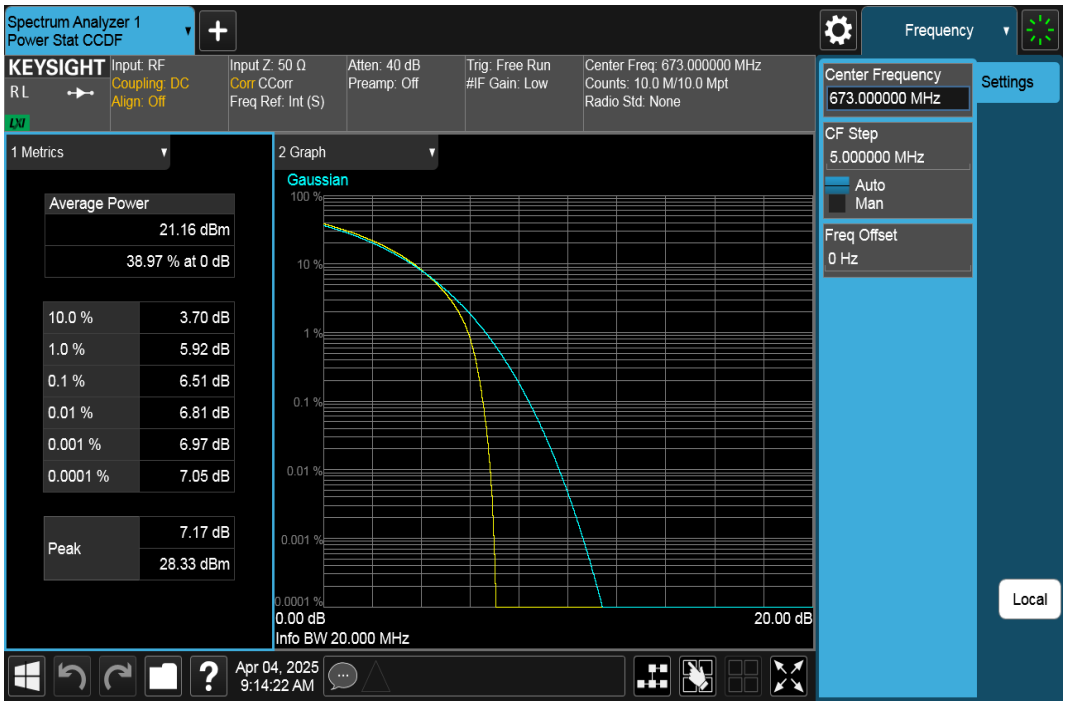

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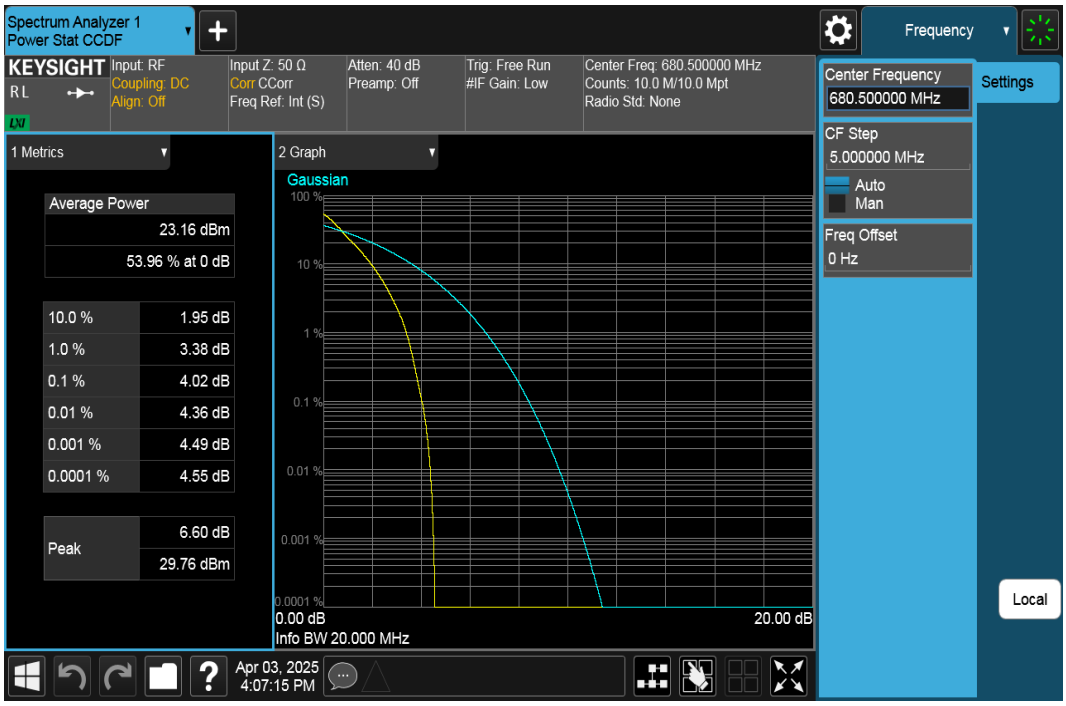

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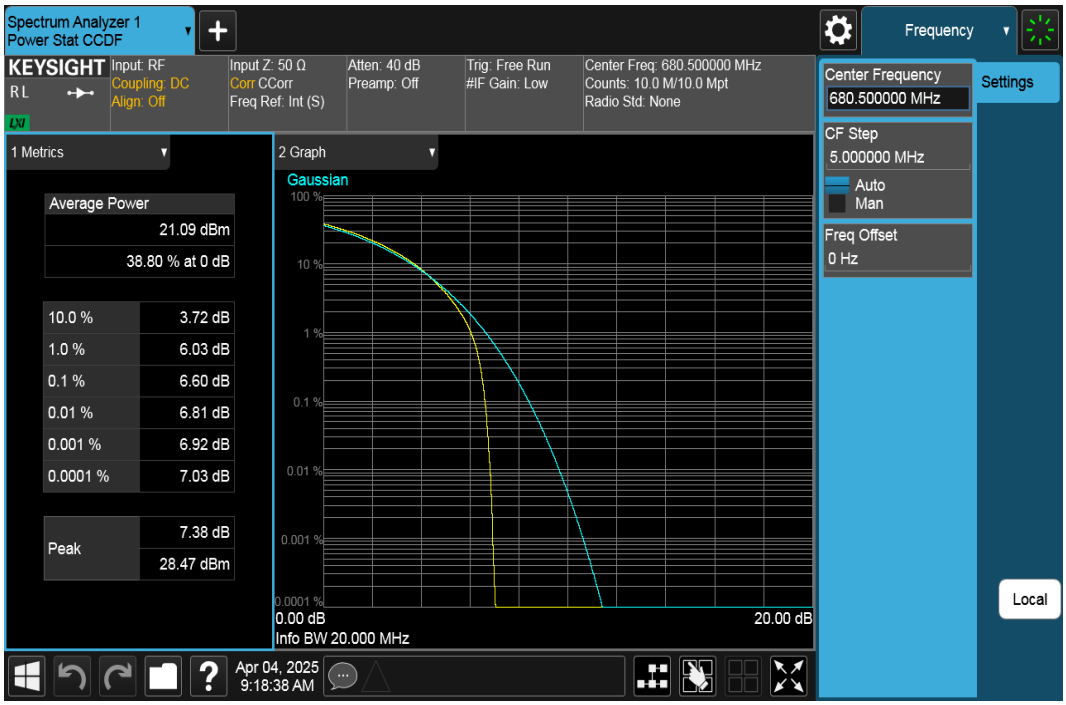

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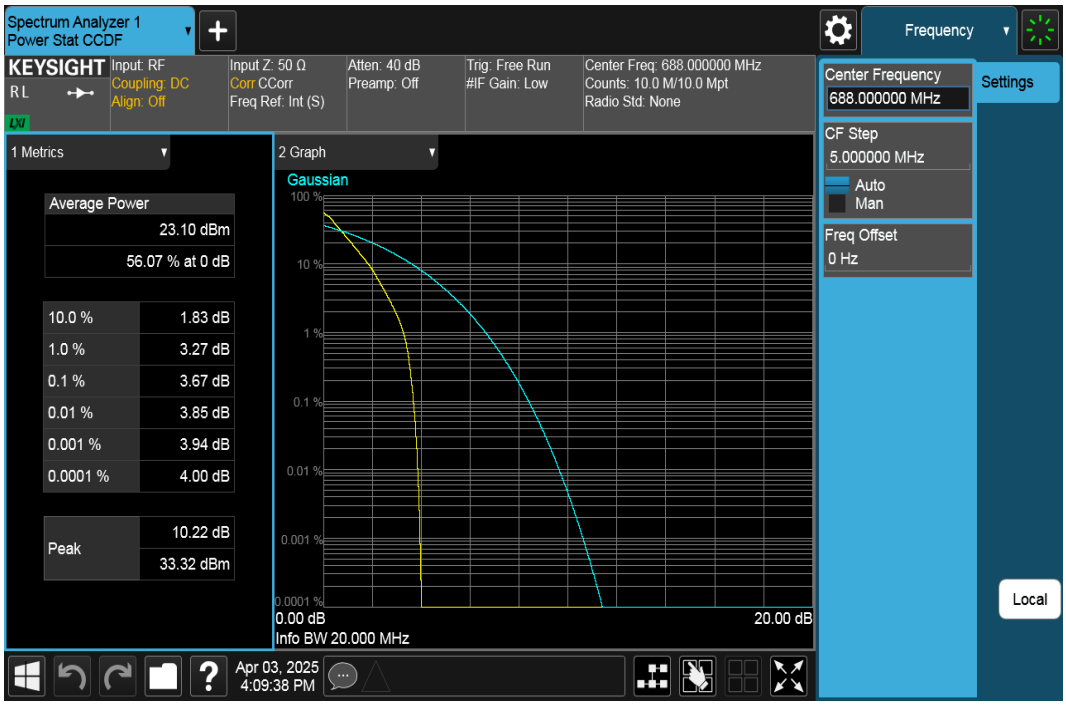

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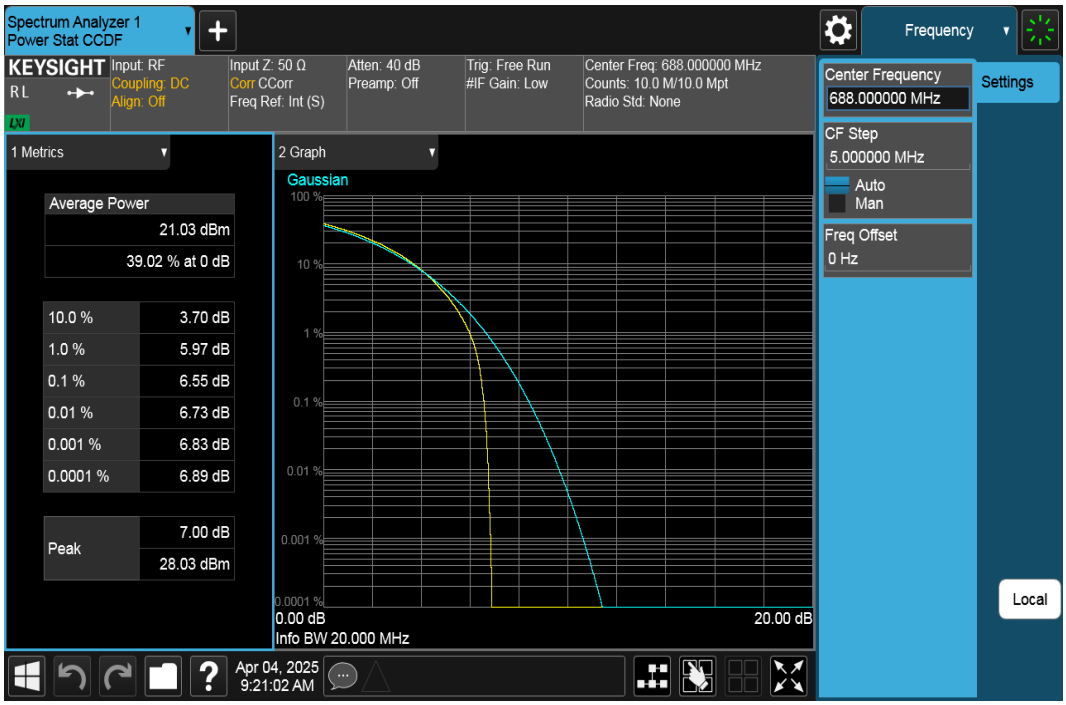
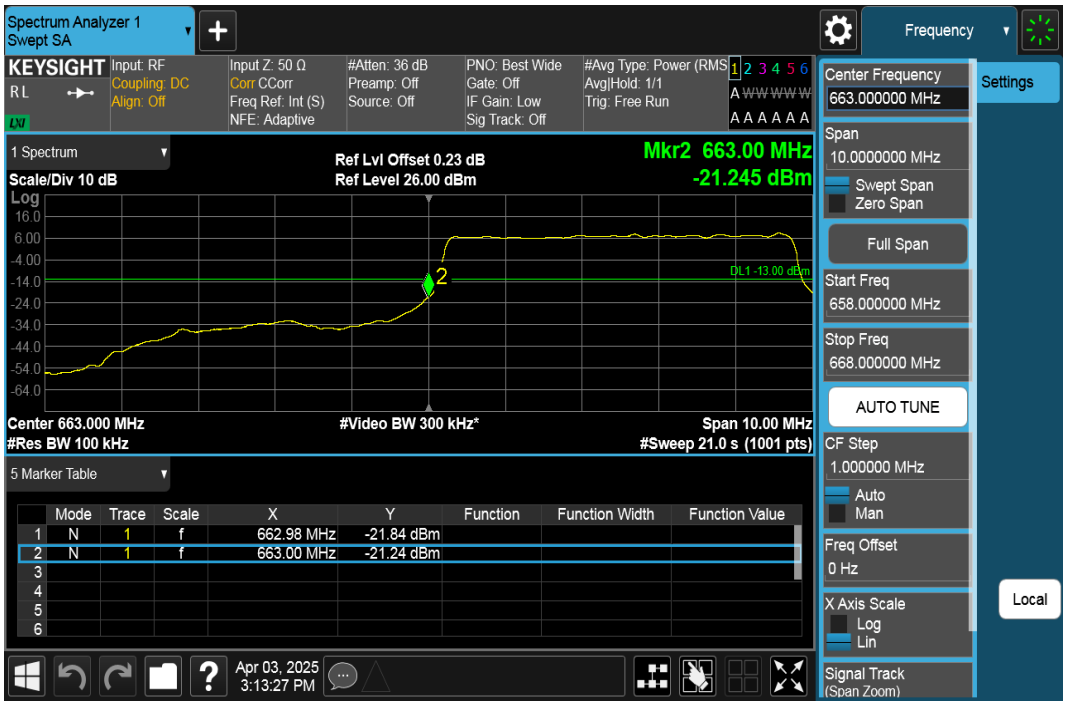


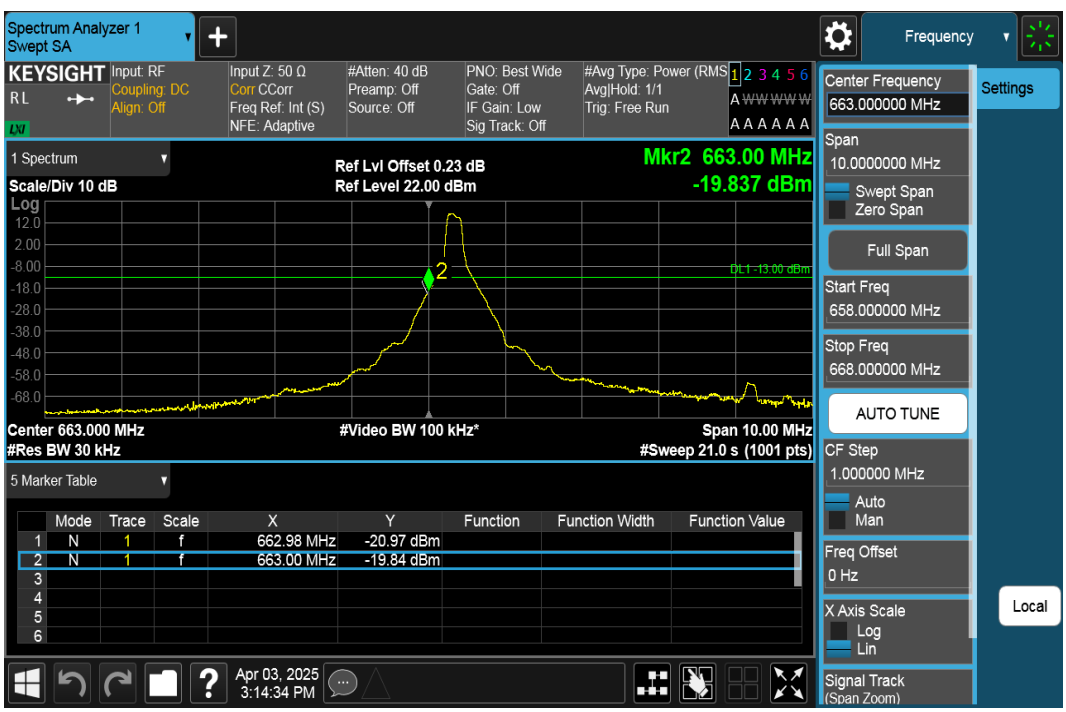
Bandedge

test graph

N71-5M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N71-5M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-1RB0



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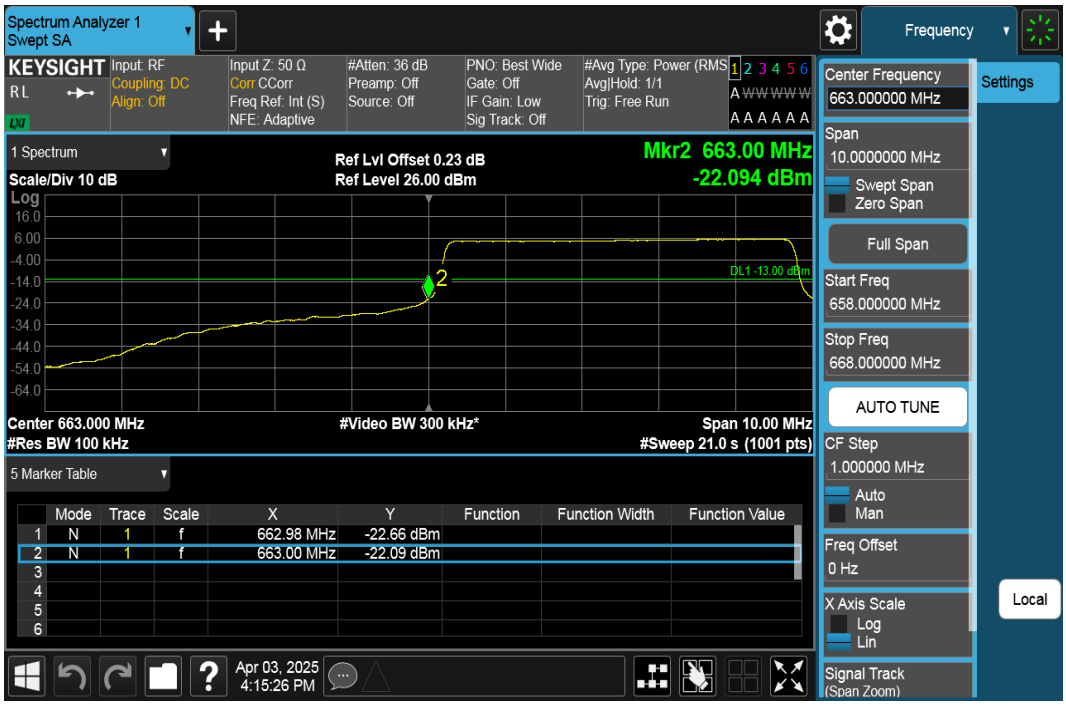

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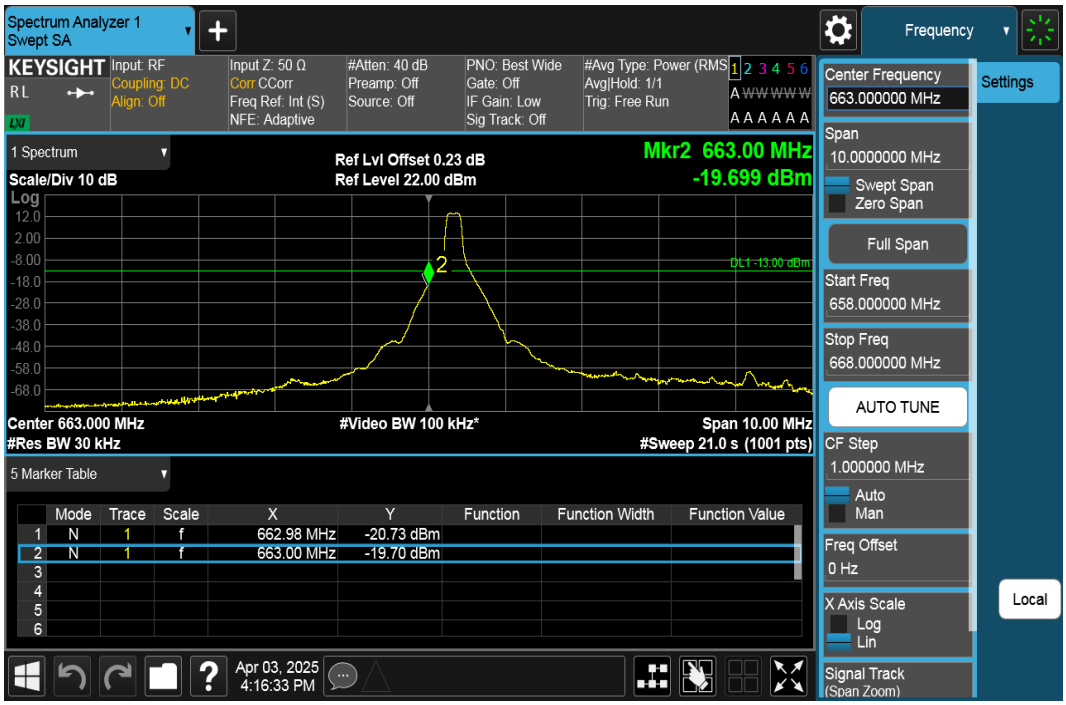
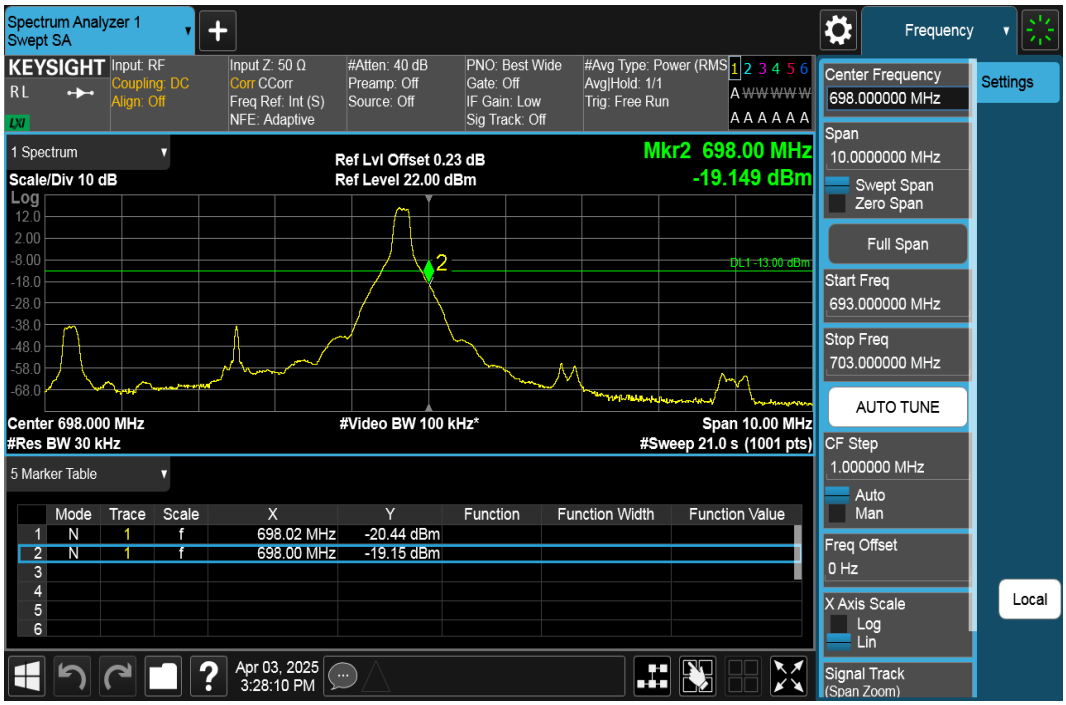


N71-5M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N71-5M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



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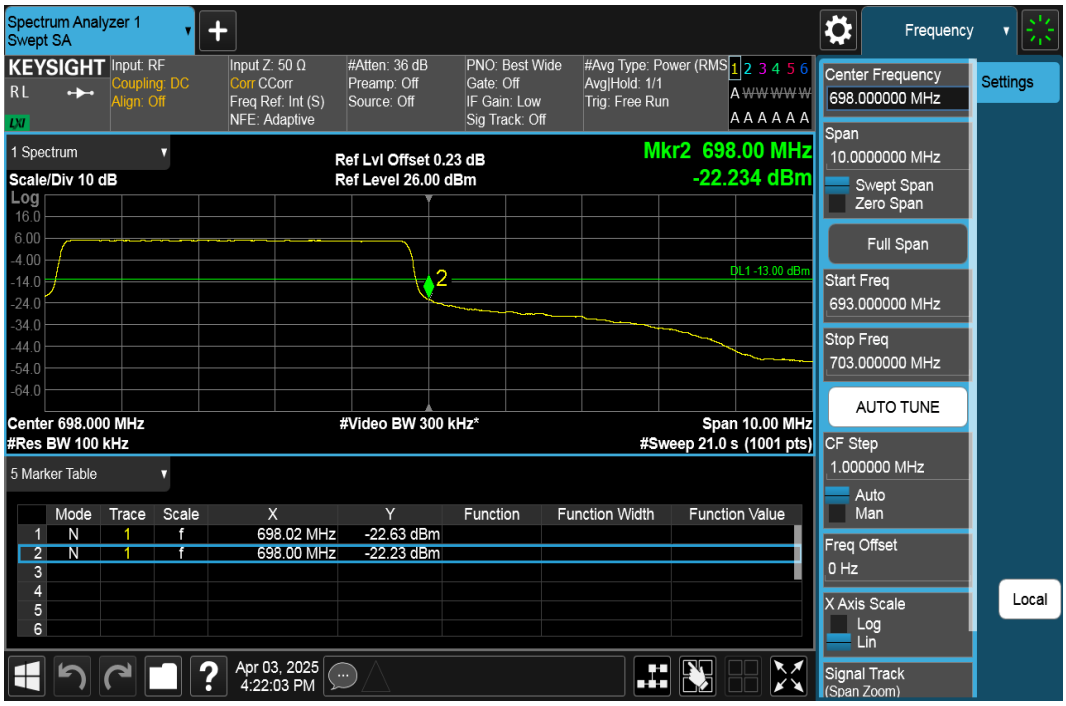

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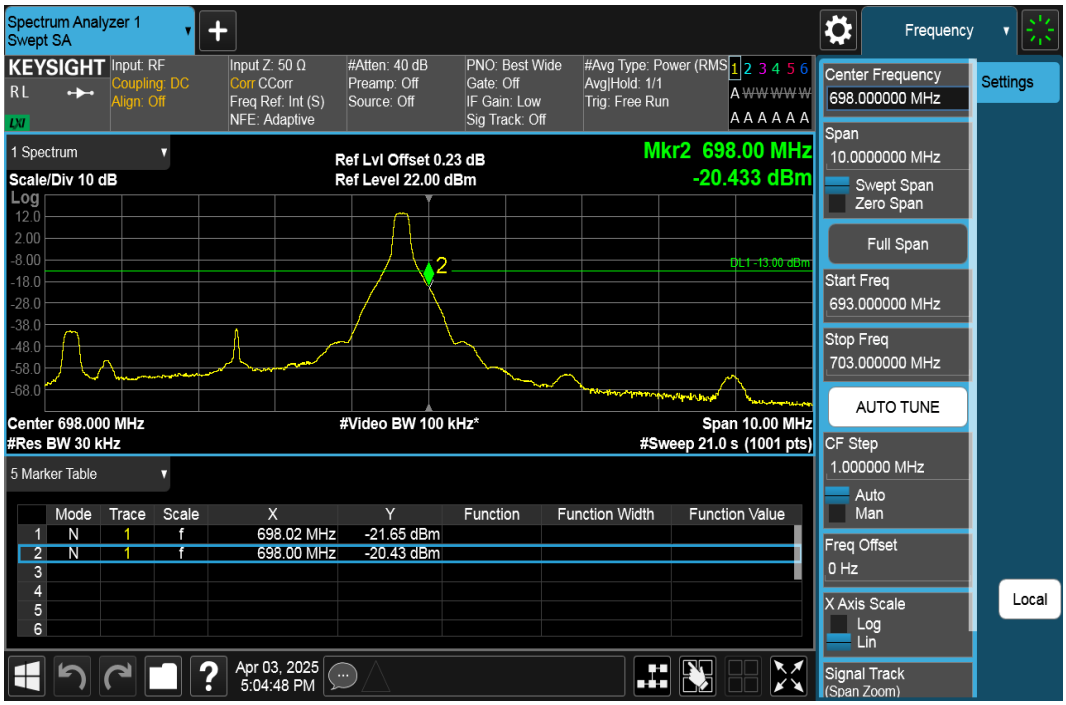

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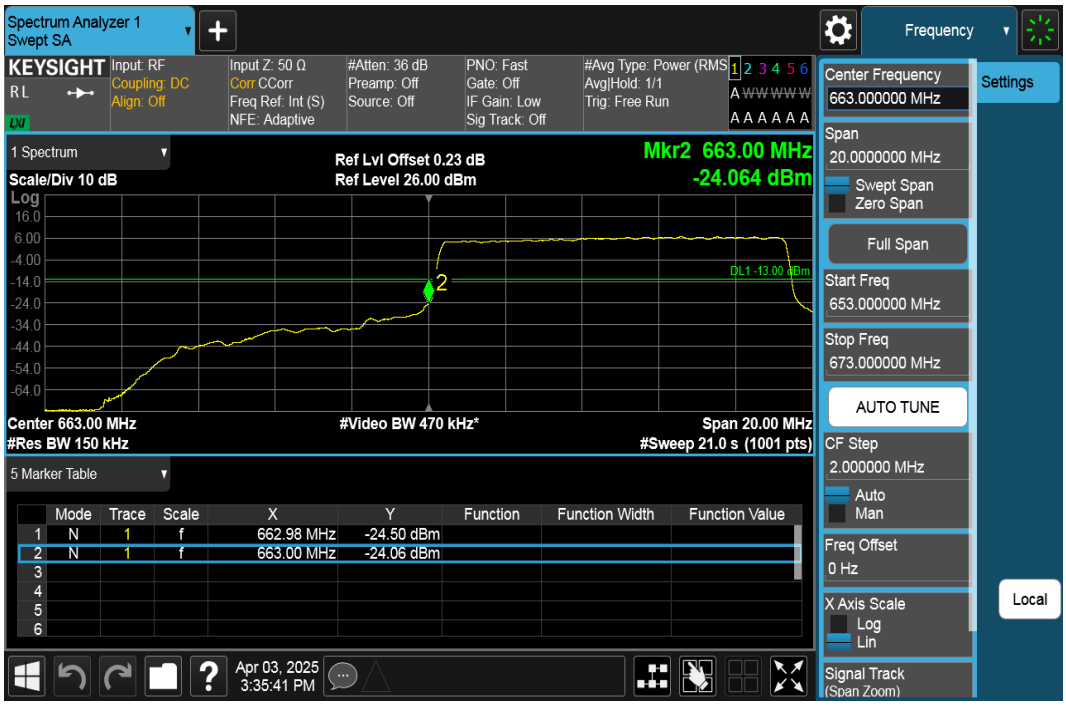

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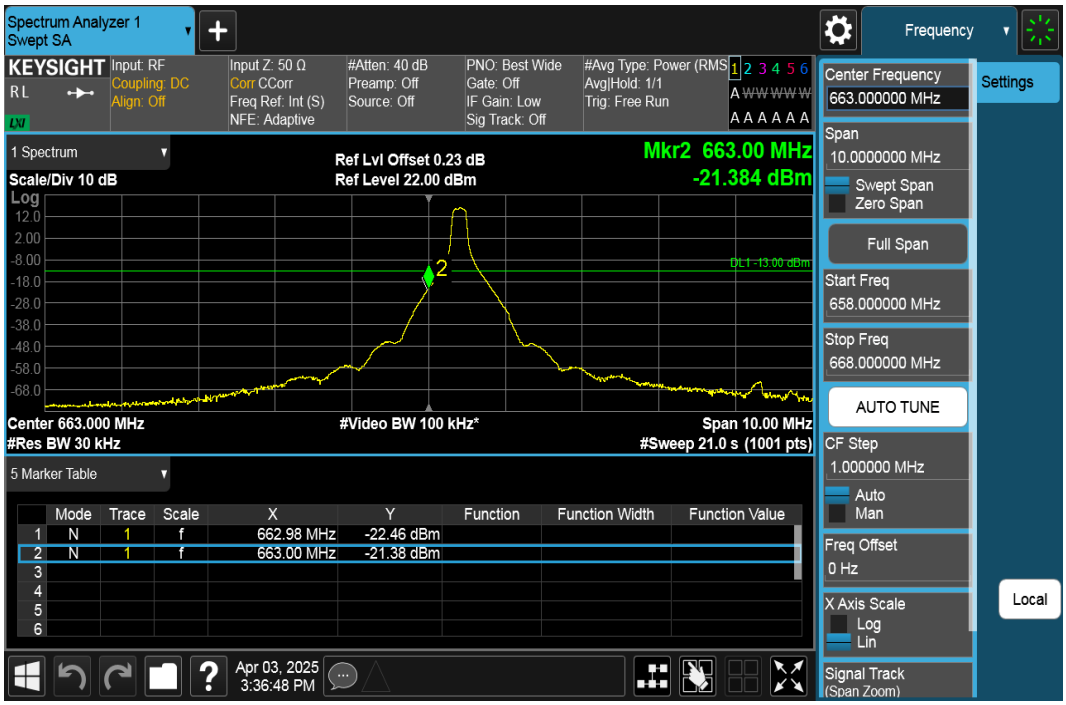

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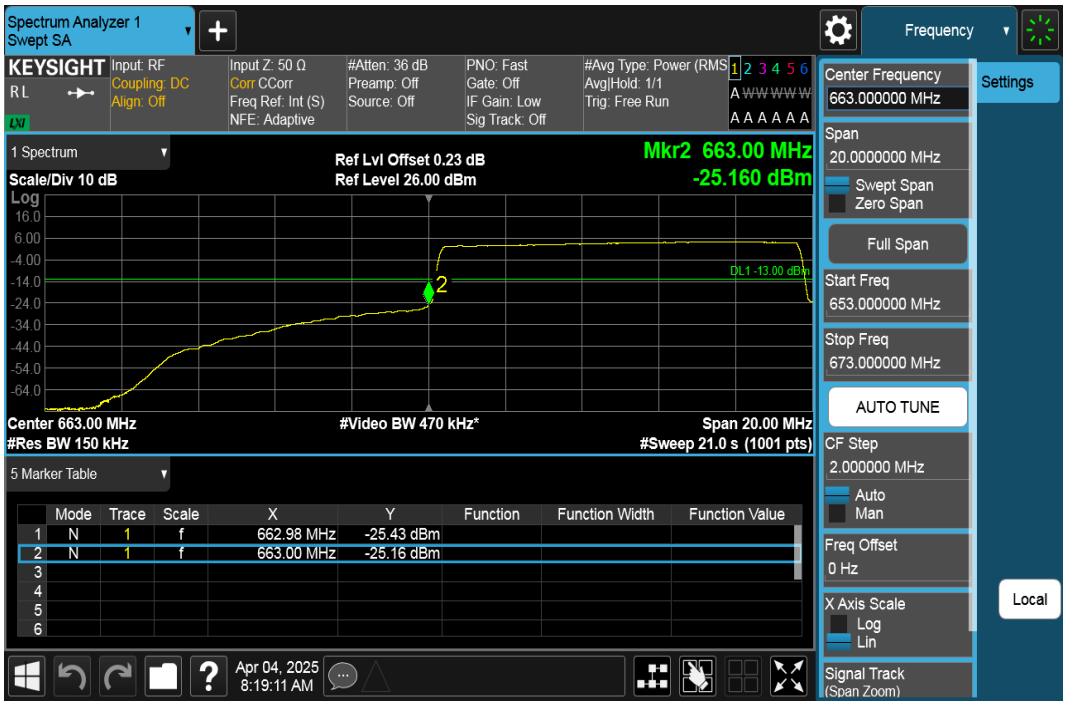

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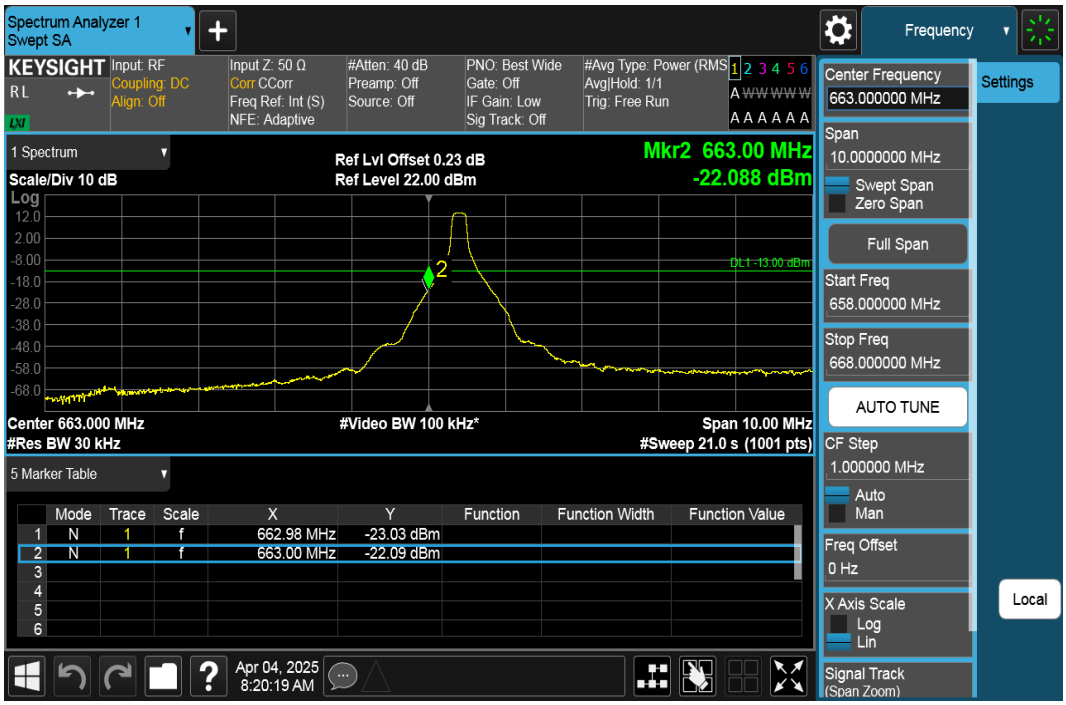
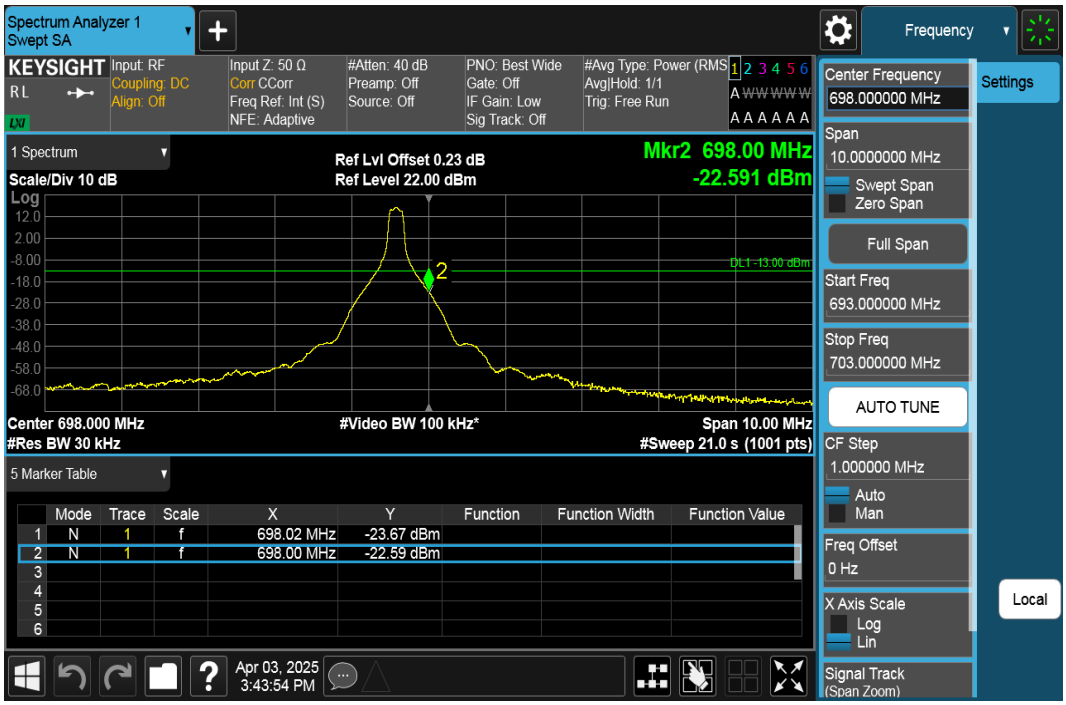


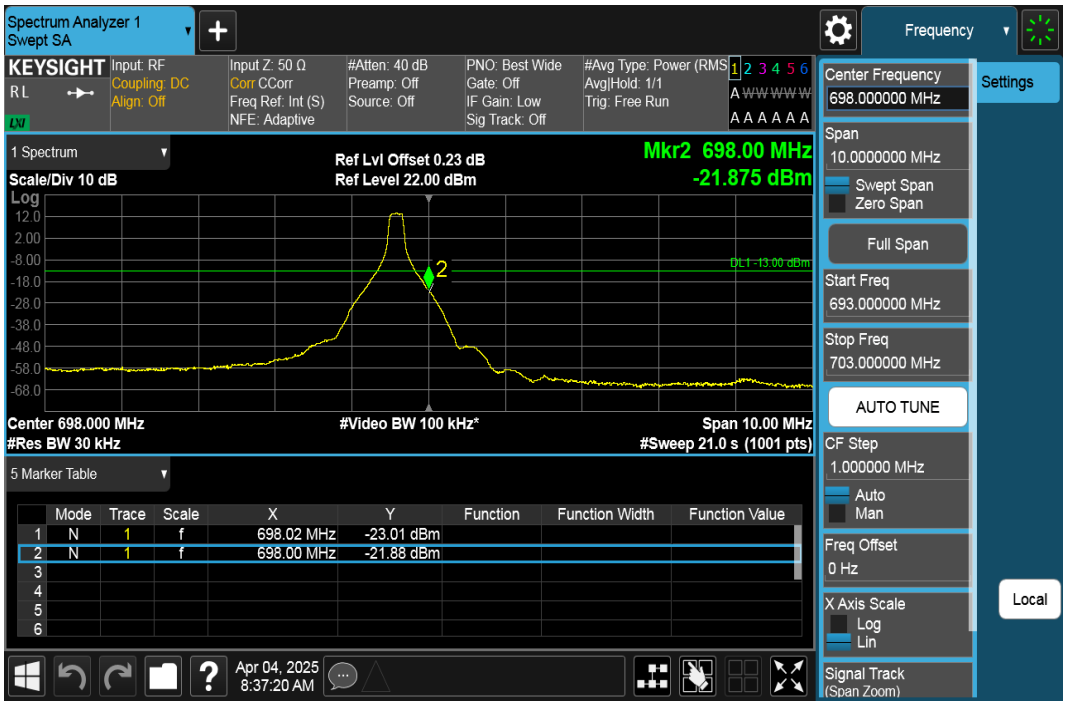
N71-10M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N71-10M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

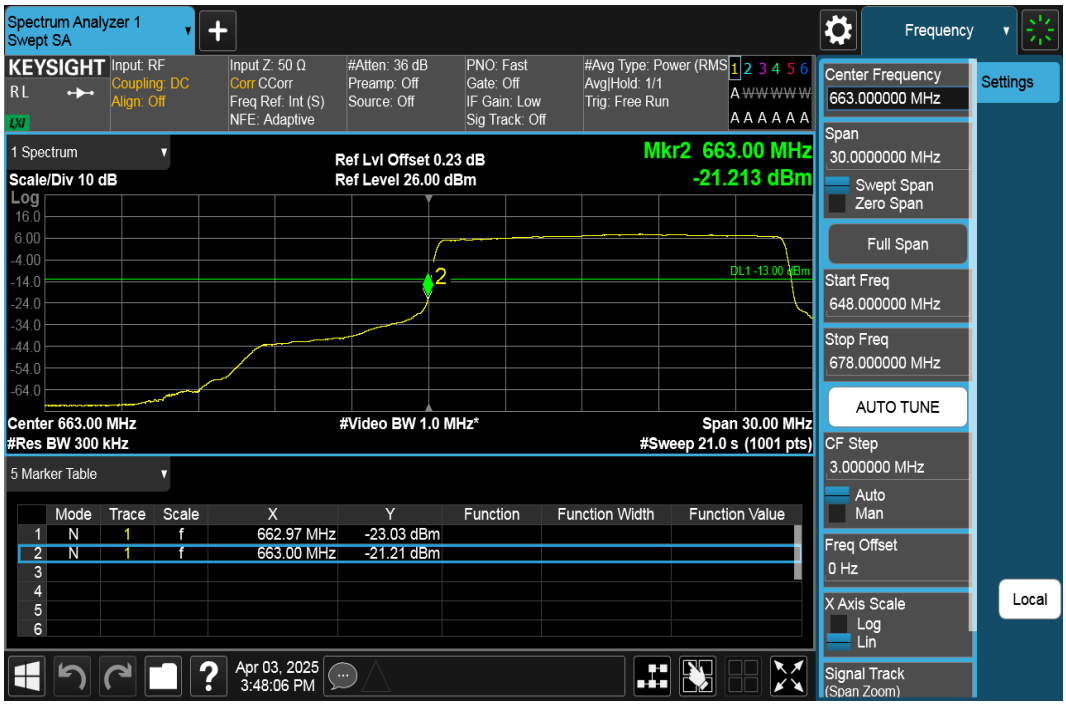


N71-10M-Bandedge-HCH-CP-OFDM-QPSK-Outer_Full

N71-10M-Bandedge-HCH-CP-OFDM-QPSK-1RB_MAX



N71-15M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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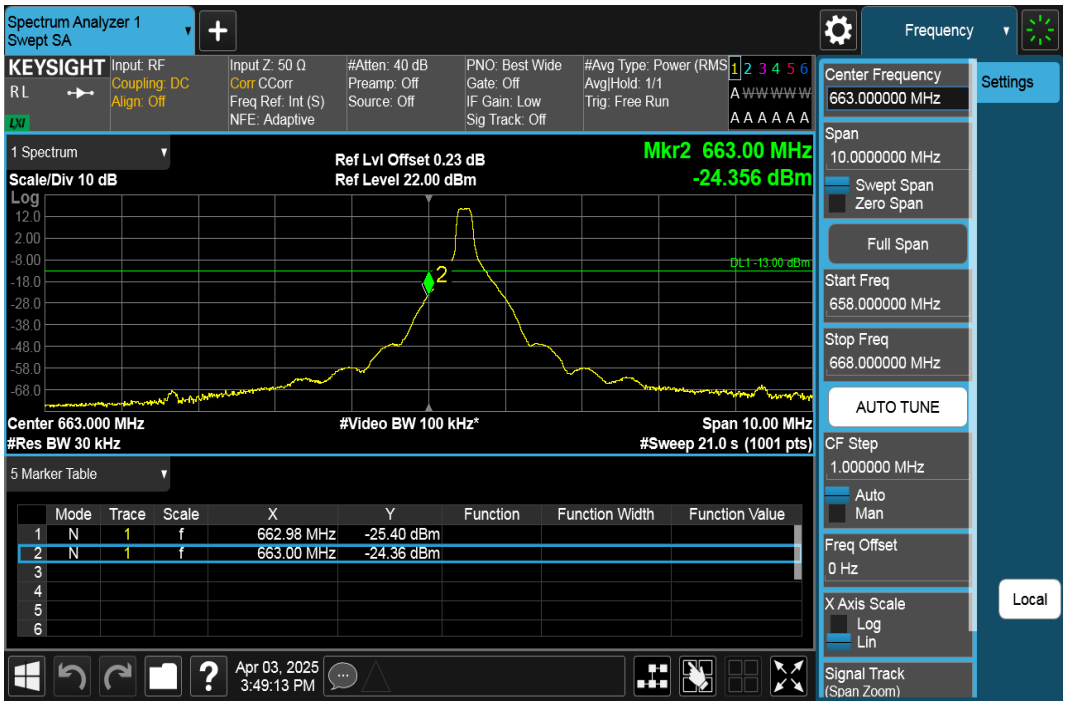
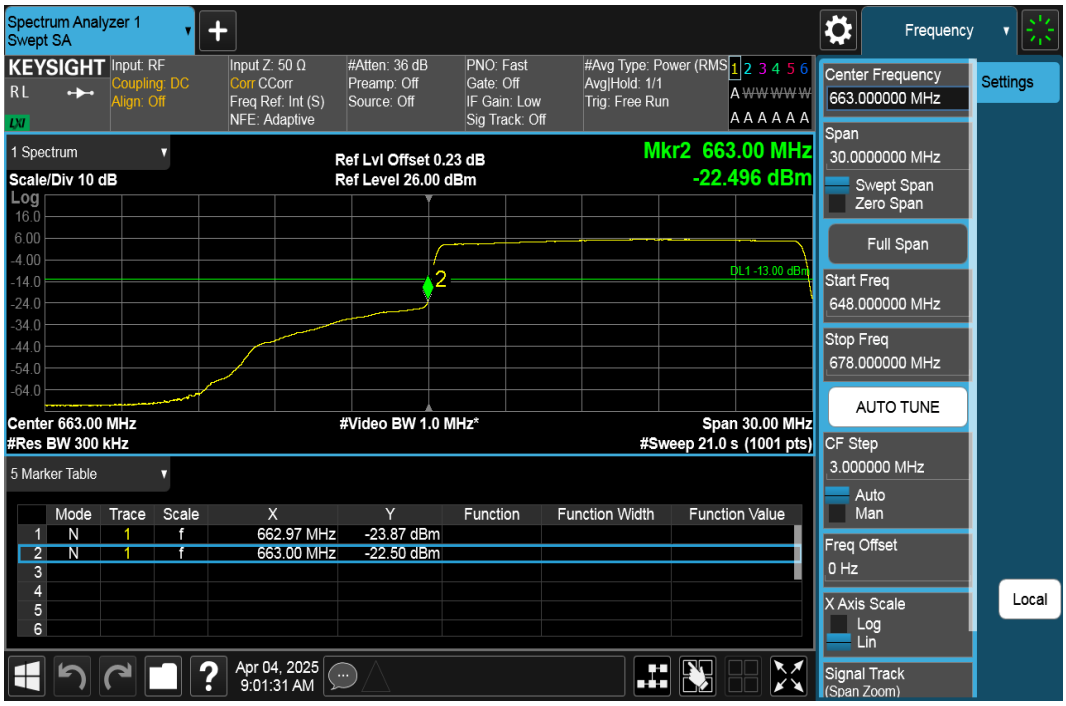


N71-15M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full



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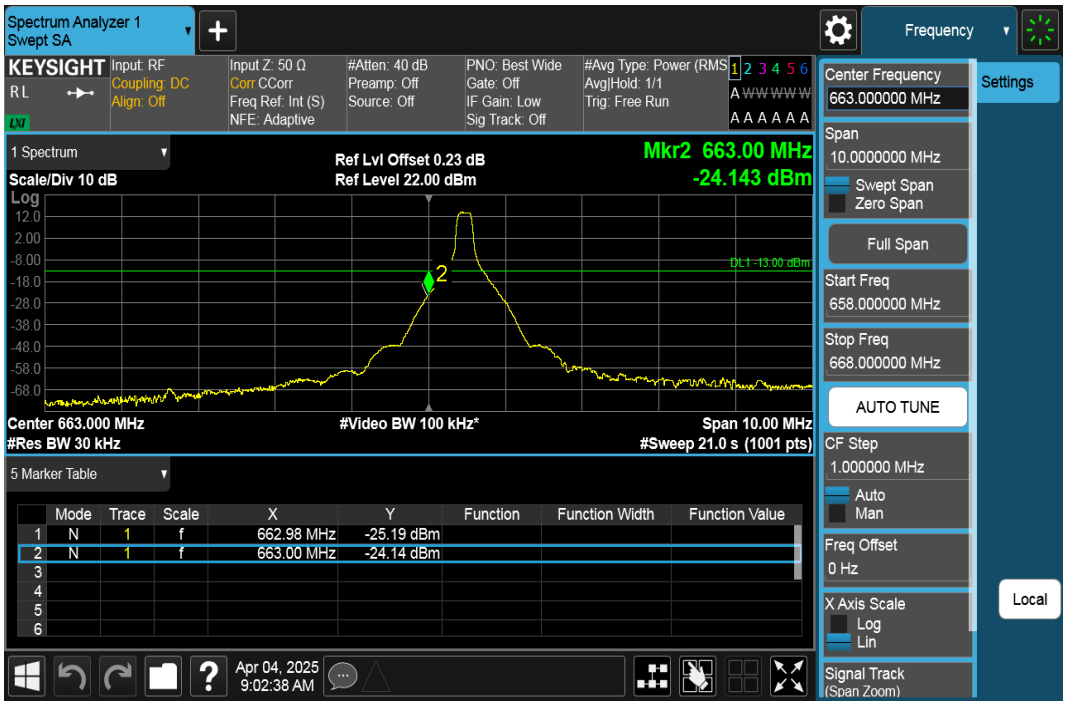
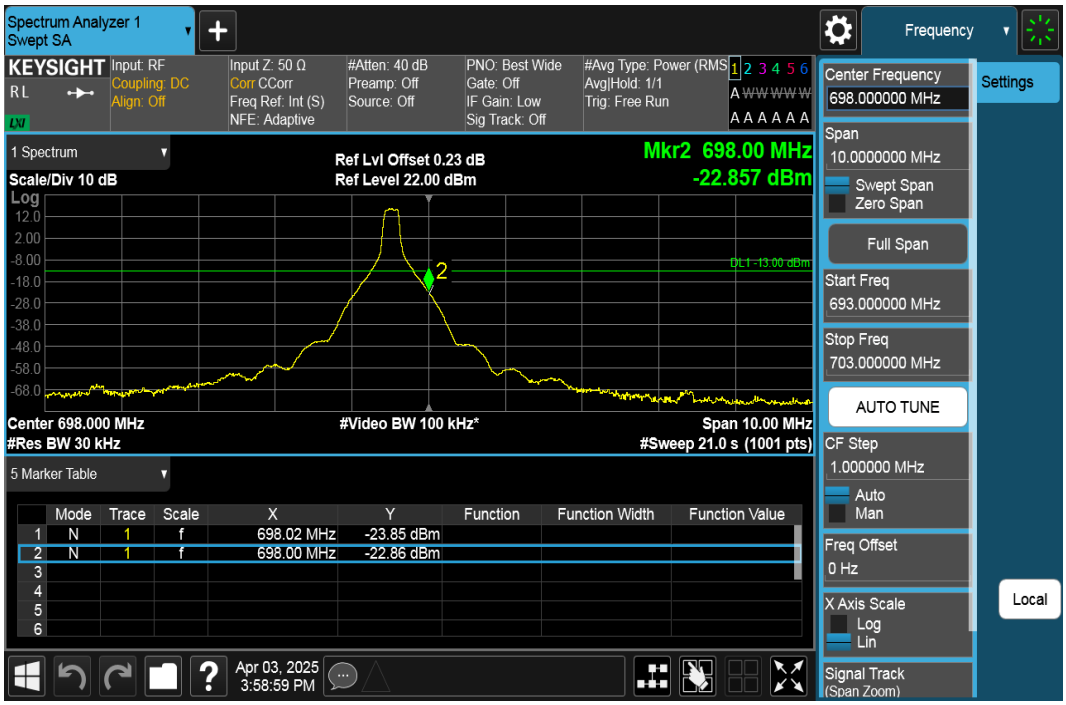


N71-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N71-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



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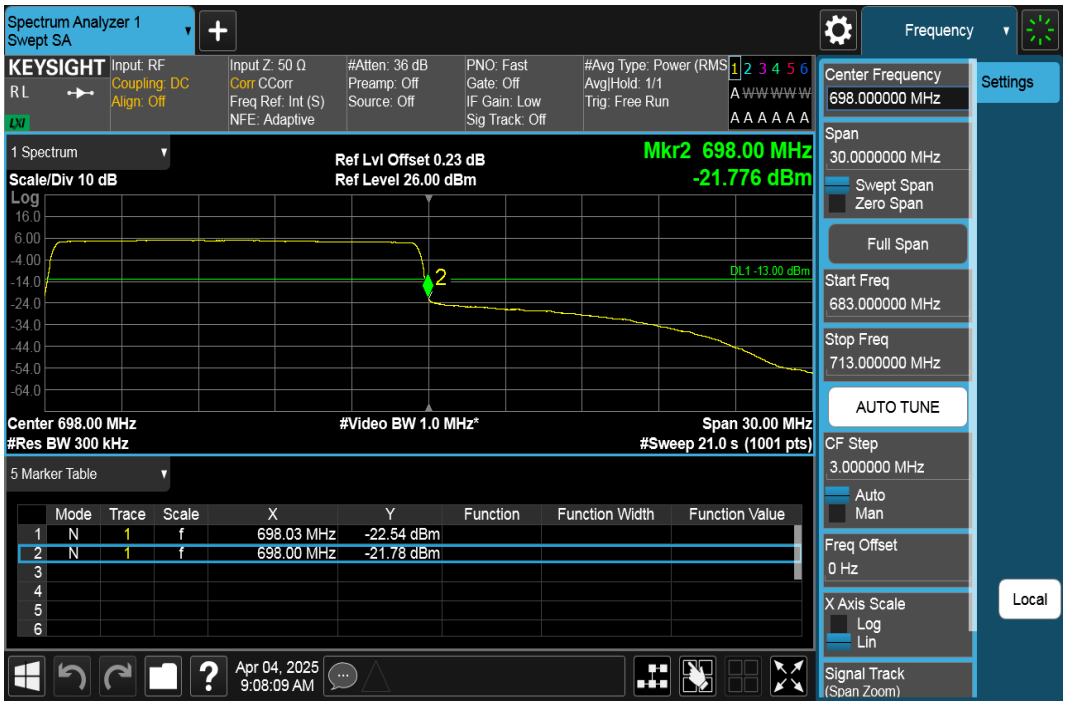

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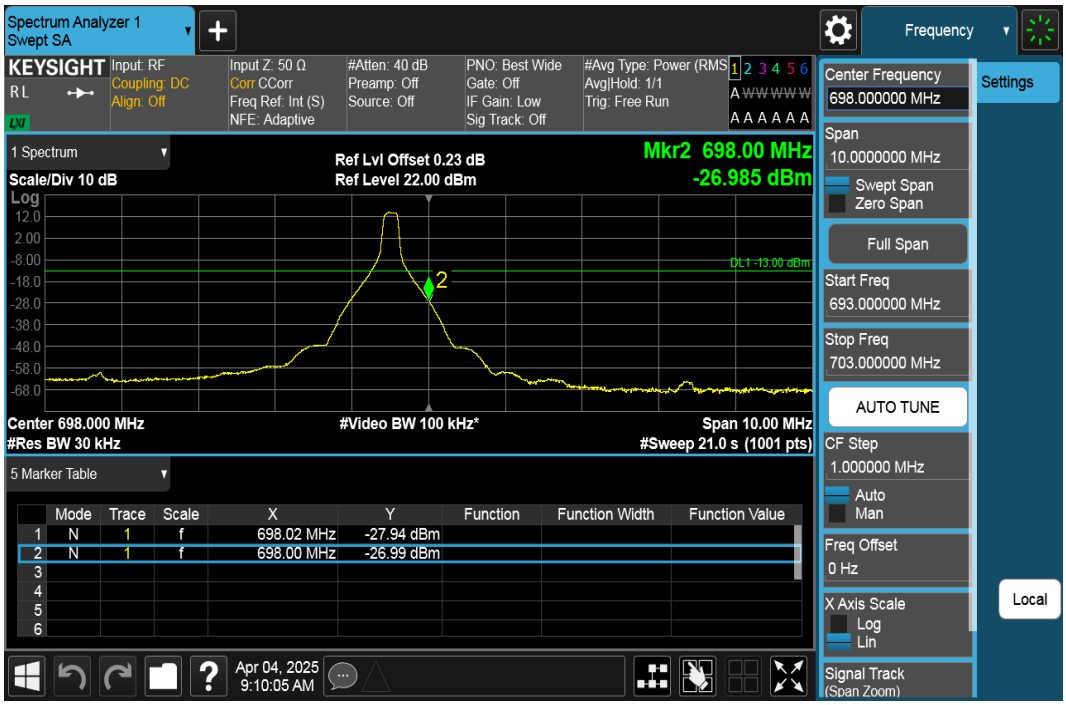
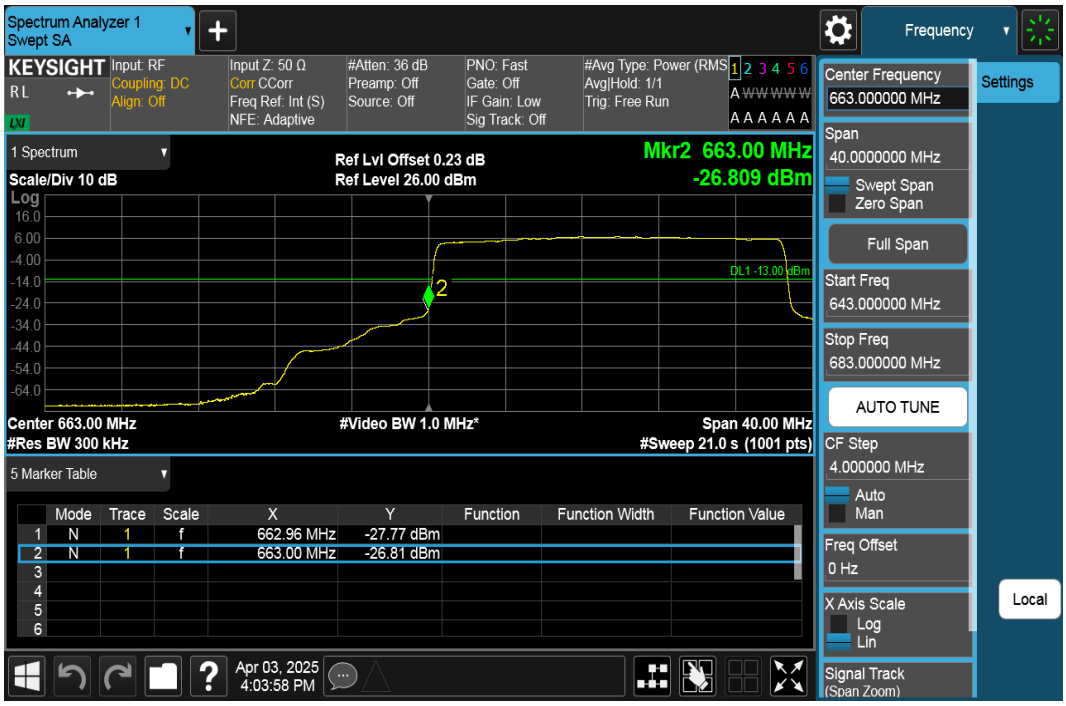


N71-20M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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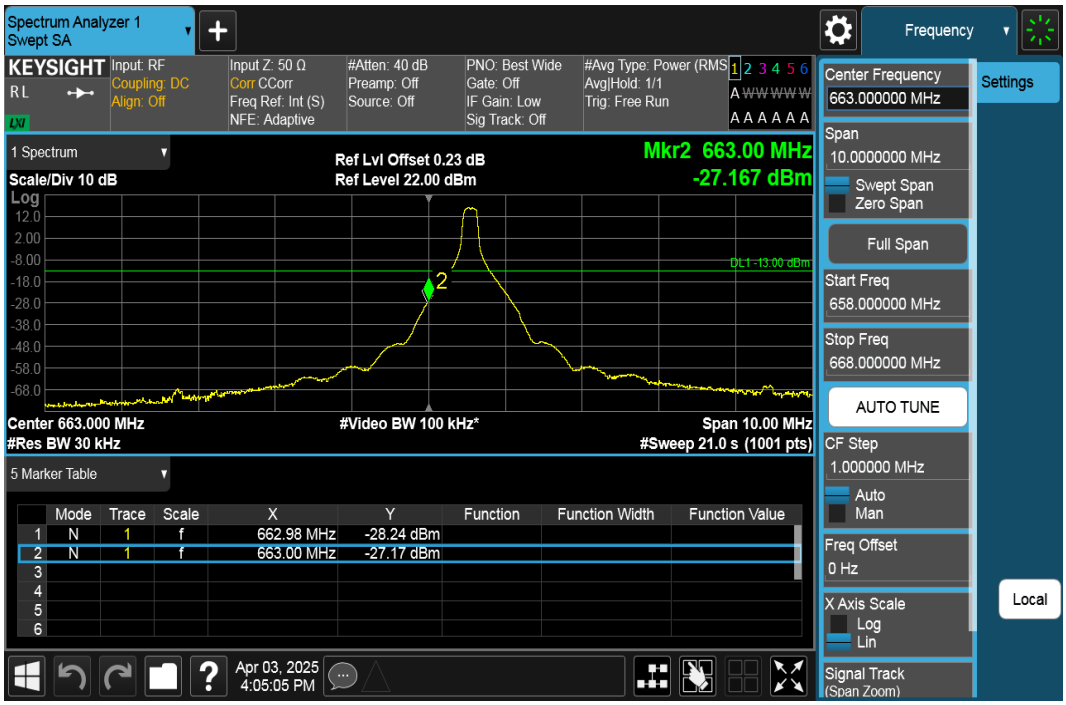

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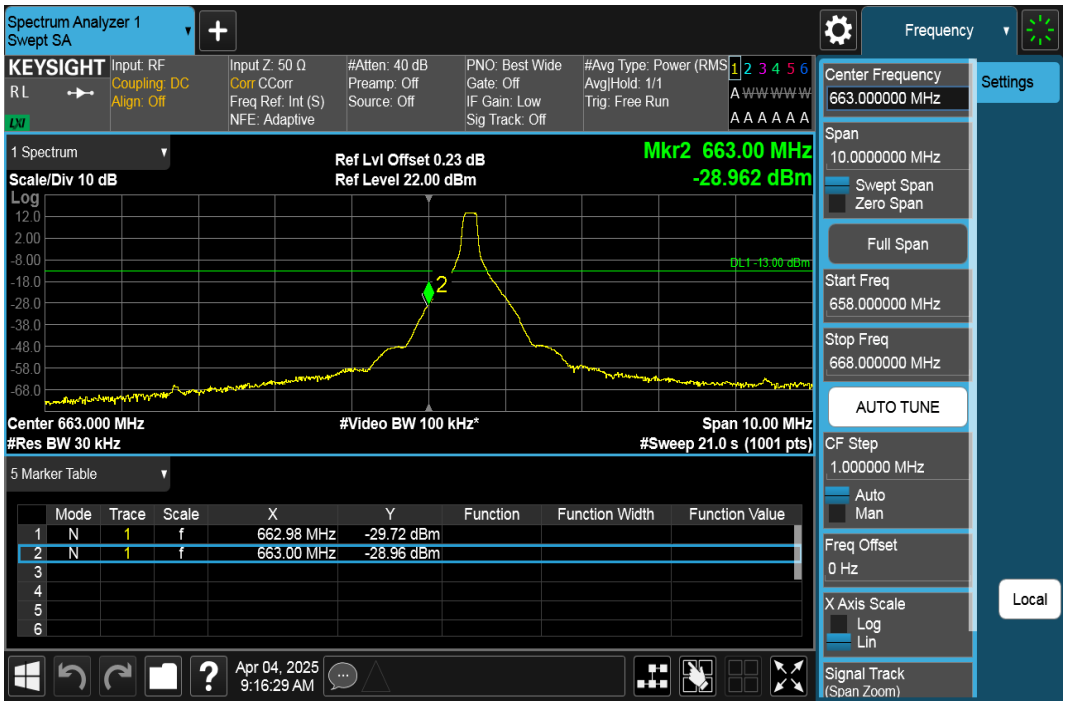
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