99% & 26dB Bandwidth

Test Result

5G NR N66 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	4.5008	5.177	/	Pass
CP-OFDM QPSK		Outer_Full	4.5336	5.353	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	4.4901	5.308	/	Pass
CP-OFDM QPSK		Outer_Full	4.5052	5.252	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.4862	5.249	/	Pass
CP-OFDM QPSK		Outer_Full	4.486	5.287	/	Pass

5G NR N66 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	8.9614	9.652	/	Pass
CP-OFDM QPSK		Outer_Full	9.3018	10.08	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	8.9562	9.761	/	Pass
CP-OFDM QPSK		Outer_Full	9.3173	9.958	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.9678	9.639	/	Pass
CP-OFDM QPSK		Outer_Full	9.3258	10	/	Pass

5G NR N66 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	13.497	14.43	/	Pass
CP-OFDM QPSK		Outer_Full	14.152	15.04	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	13.542	14.24	/	Pass
CP-OFDM QPSK		Outer_Full	14.143	14.96	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	13.551	14.4	/	Pass
CP-OFDM QPSK		Outer_Full	14.166	15.14	/	Pass

5G NR N66 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	17.92	19.06	/	Pass
CP-OFDM QPSK		Outer_Full	18.897	19.94	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	17.949	18.87	/	Pass
CP-OFDM QPSK		Outer_Full	18.934	20.12	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.984	19.04	/	Pass
CP-OFDM QPSK		Outer_Full	19.012	20.1	/	Pass

Peak-Average Ratio

Test Result

5G NR N66 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.71	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.61	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.13	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.69	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.01	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.03	<=13	Pass

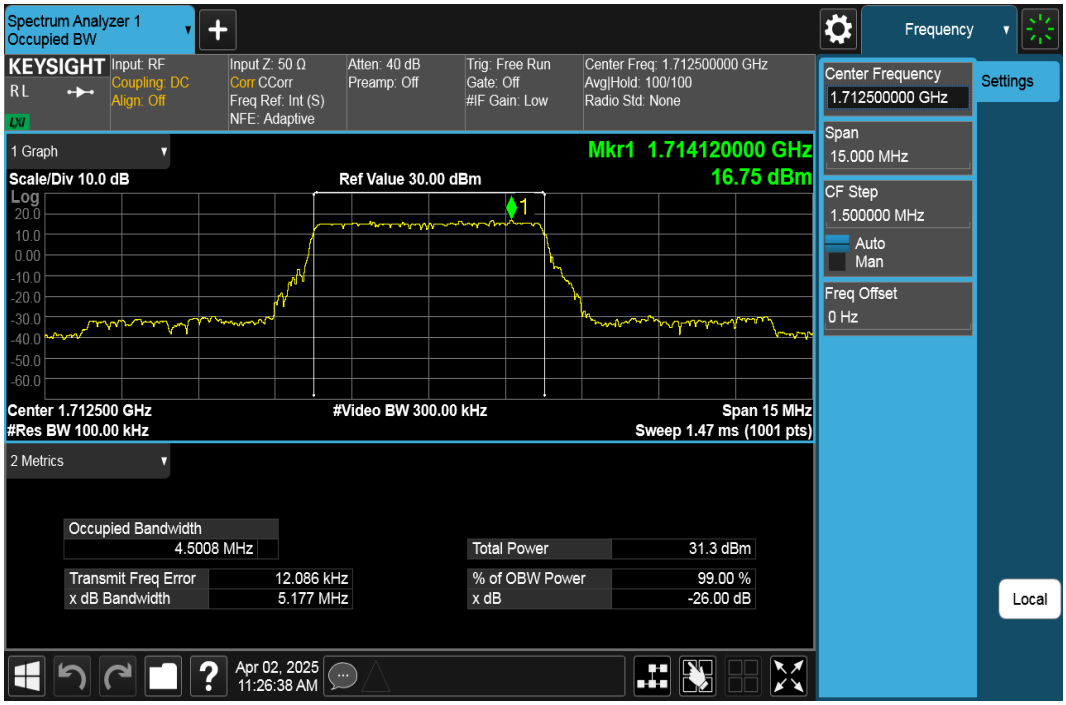
5G NR N66 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.24	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.7	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.19	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.81	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.41	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.14	<=13	Pass

5G NR N66 SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.39	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.77	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.24	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.2	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.38	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.81	<=13	Pass

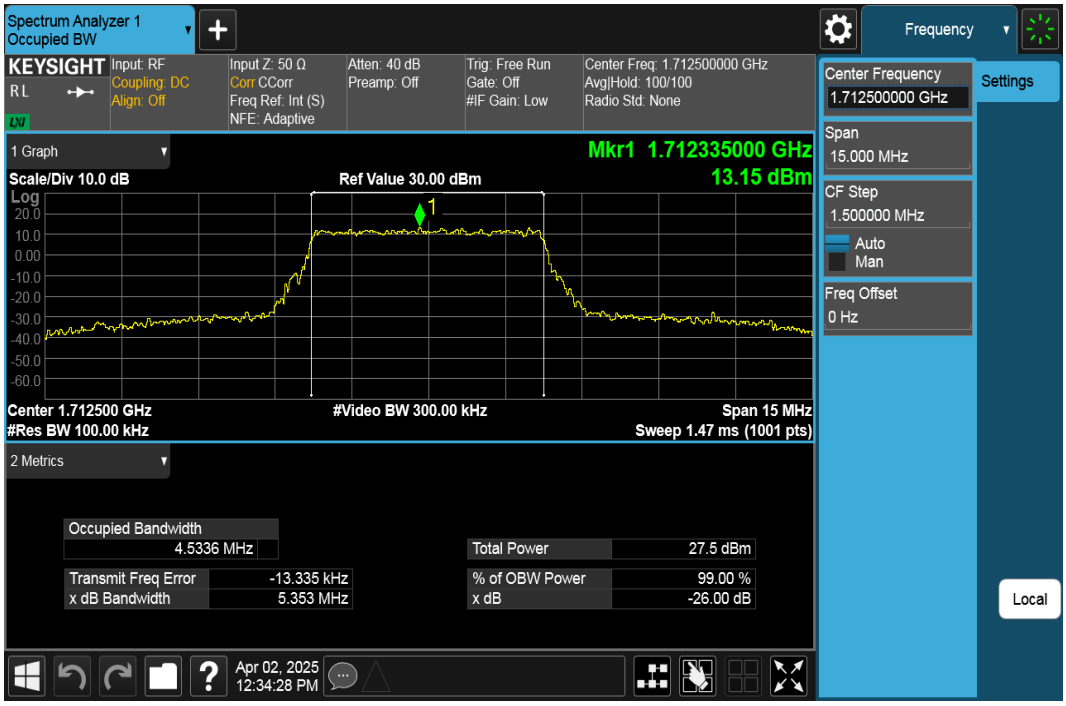
5G NR N66 SCS=15kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.72	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.38	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.21	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.26	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.98	<=13	Pass

OBW Test graph

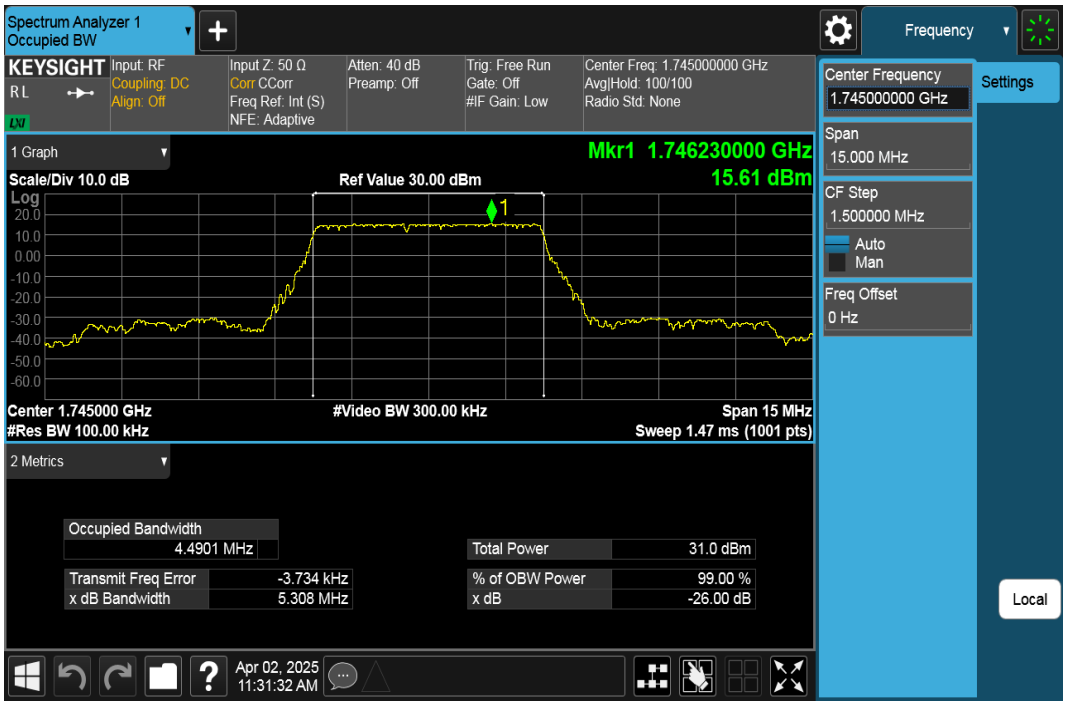
N66-5M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



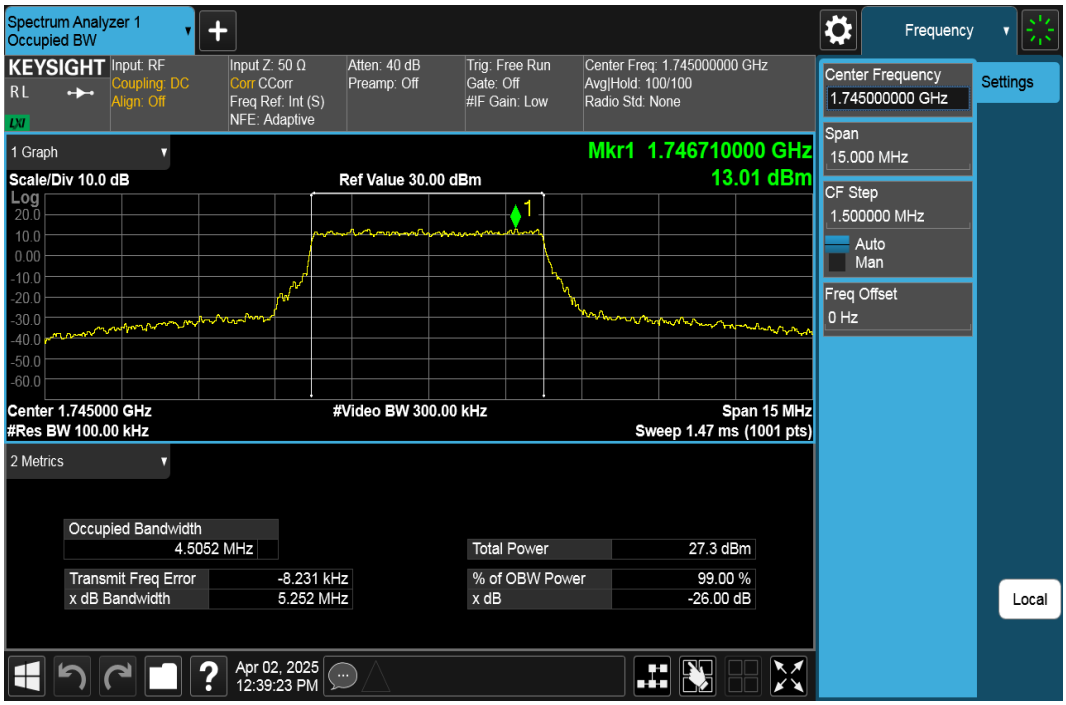
N66-5M-OBW-LCH-CP-OFDM-QPSK-Outer_Full



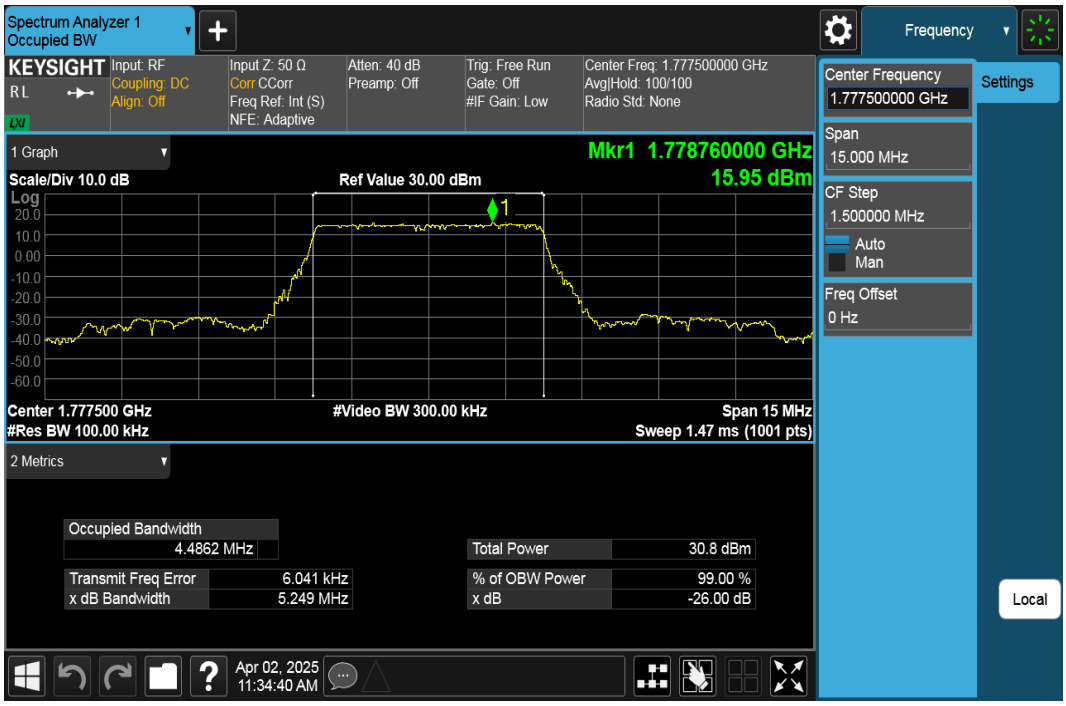
N66-5M-OBW-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



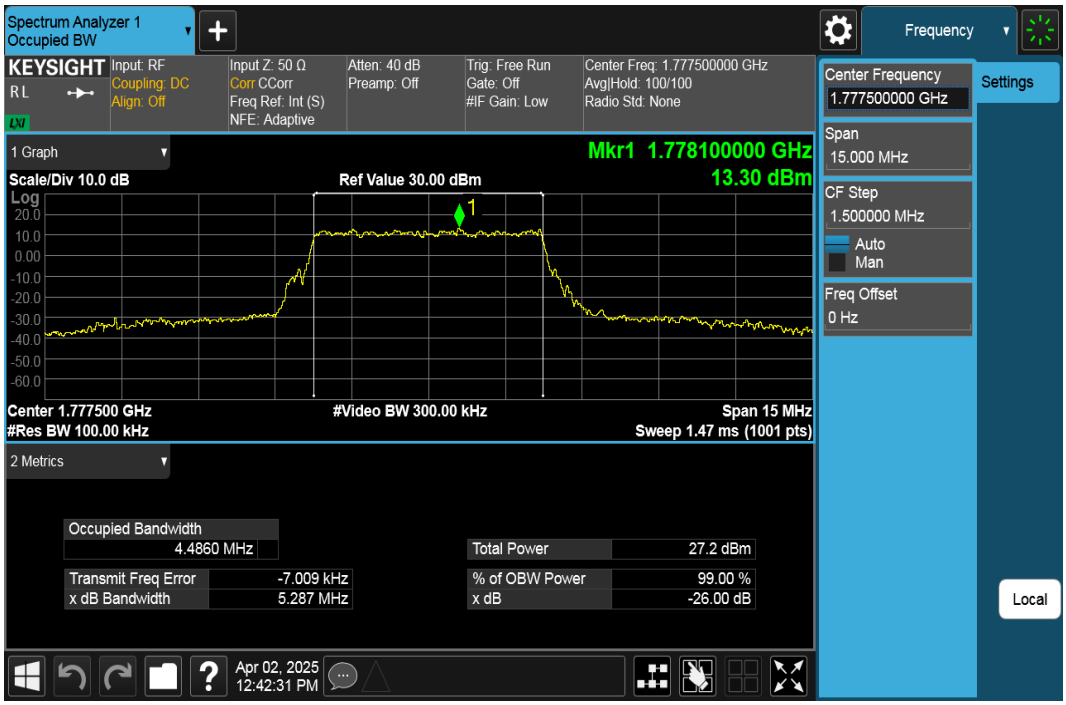
N66-5M-OBW-MCH-CP-OFDM-QPSK-Outer_Full



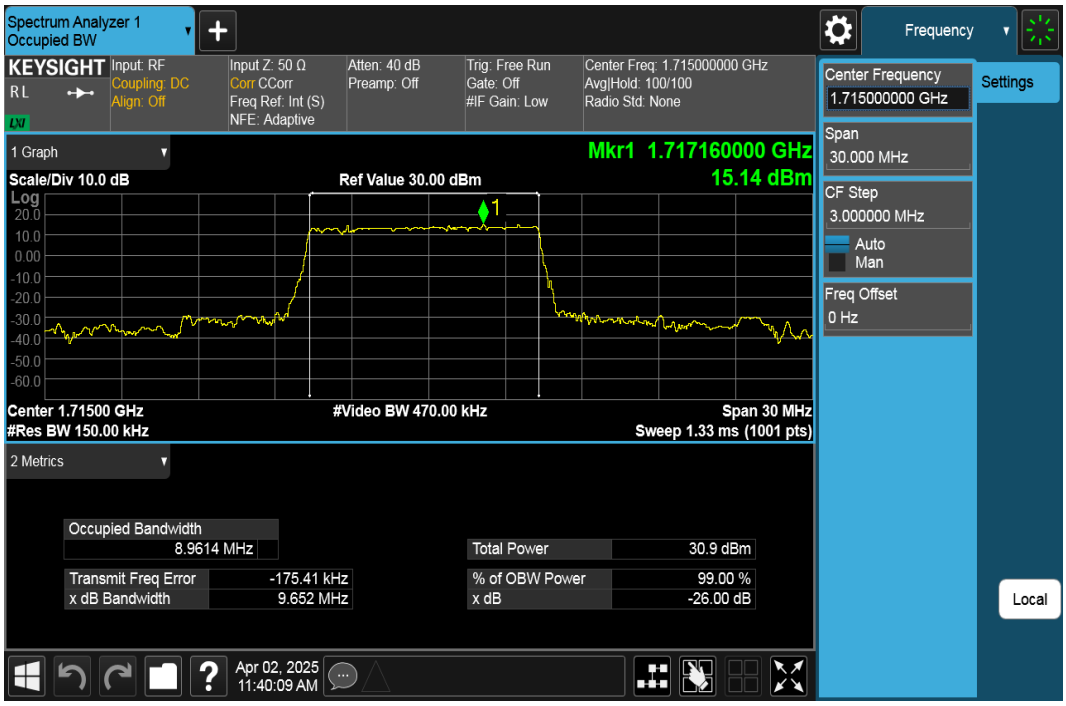
N66-5M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N66-5M-OBW-HCH-CP-OFDM-QPSK-Outer_Full



N66-10M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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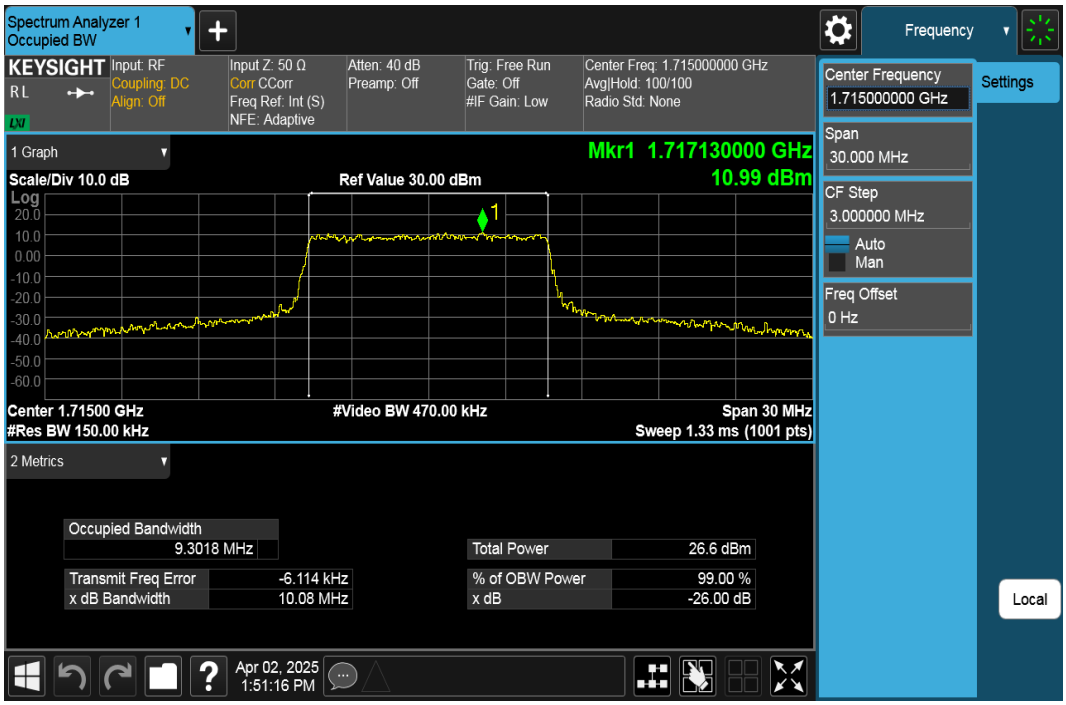

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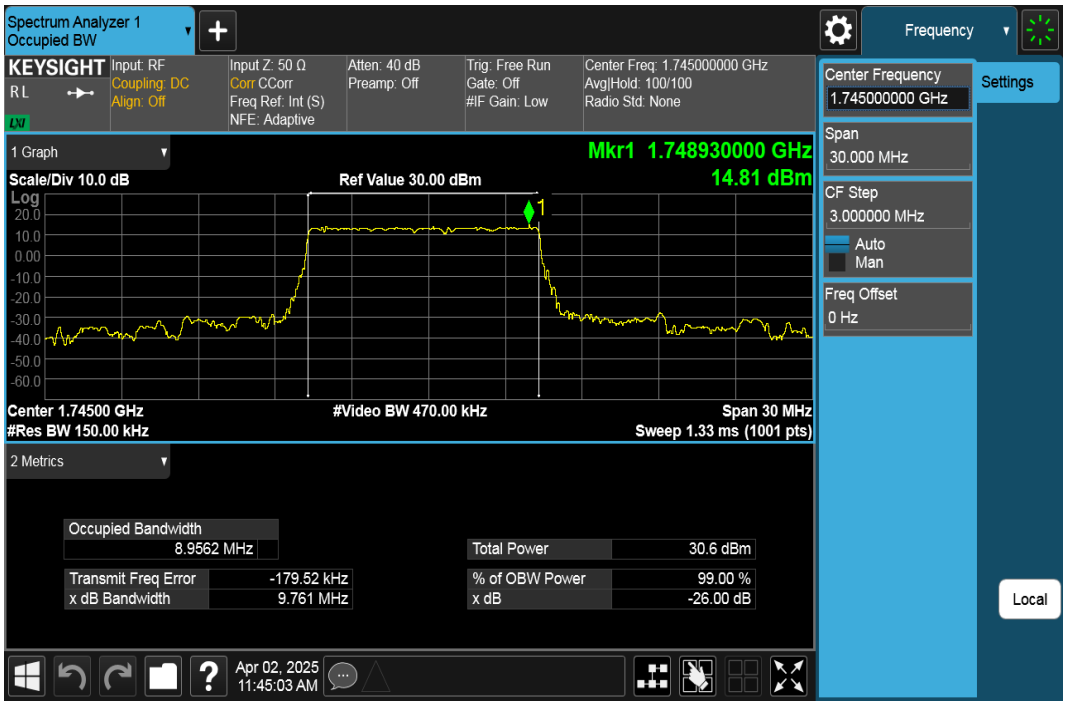
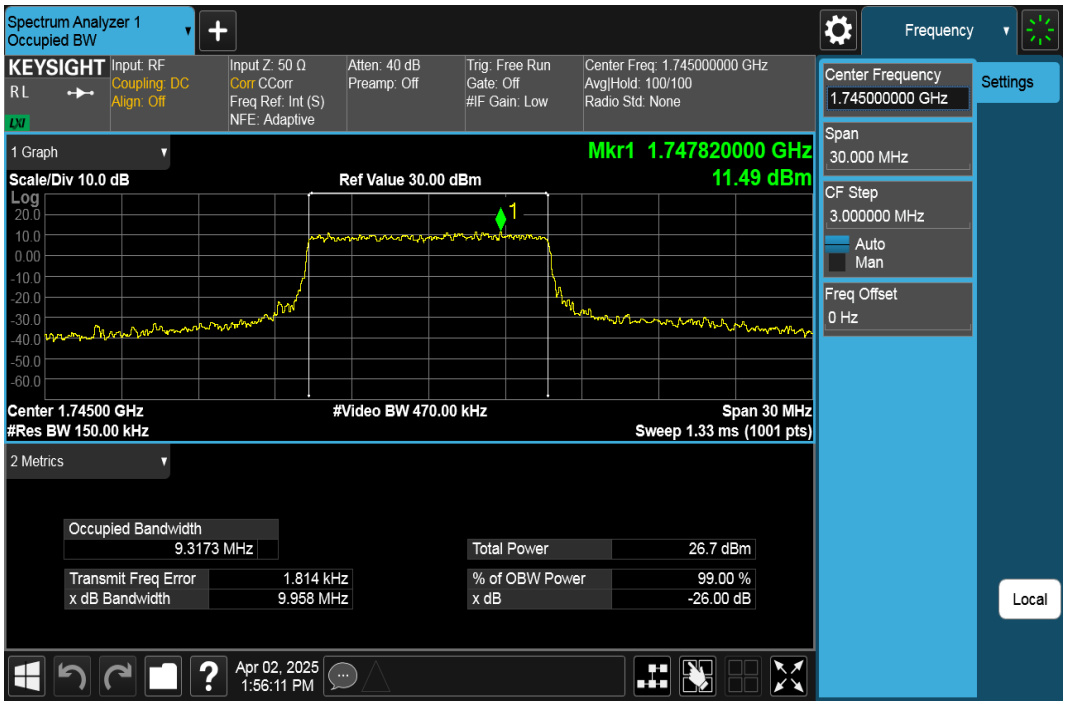
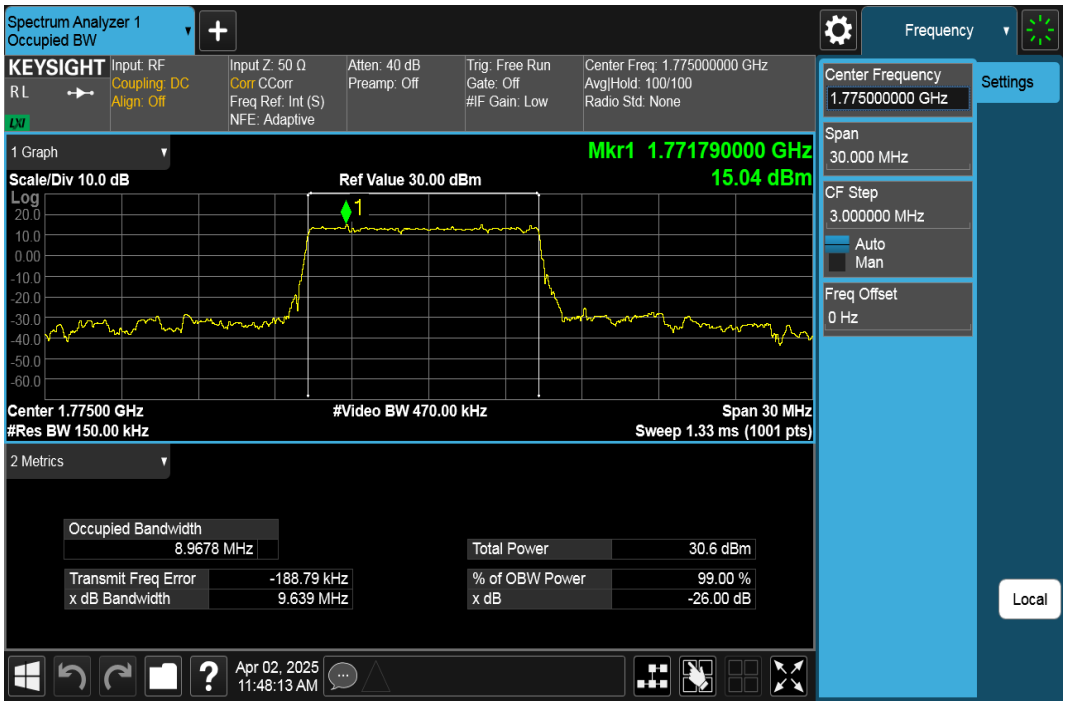


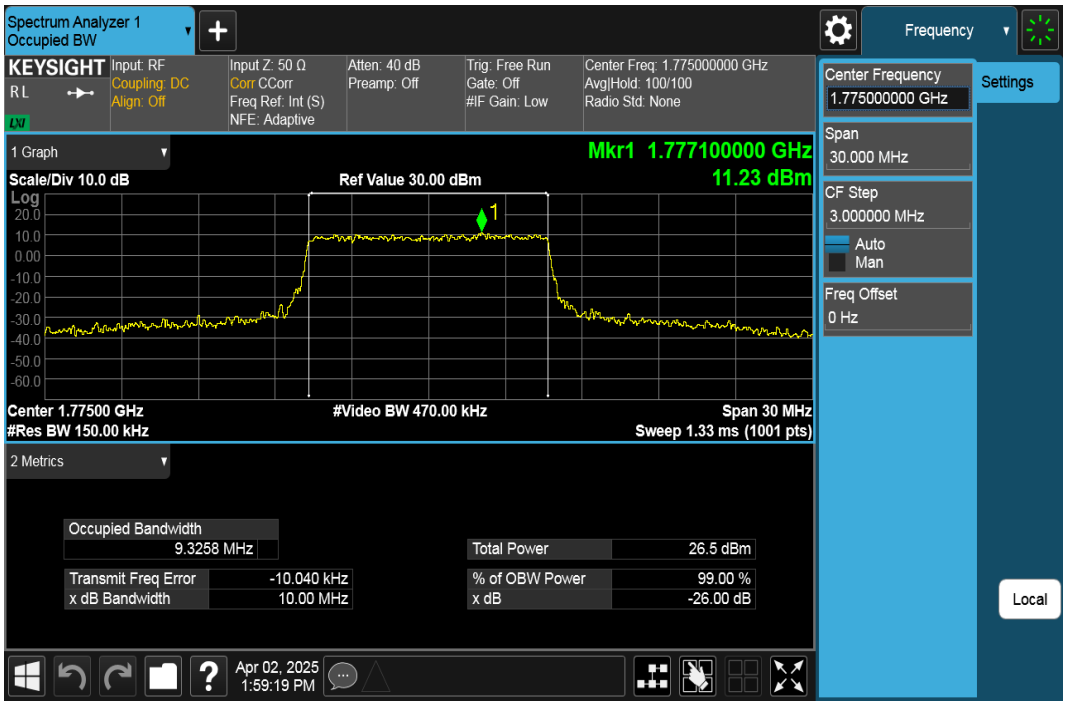
N66-10M-OBW-MCH-CP-OFDM-QPSK-Outer_Full



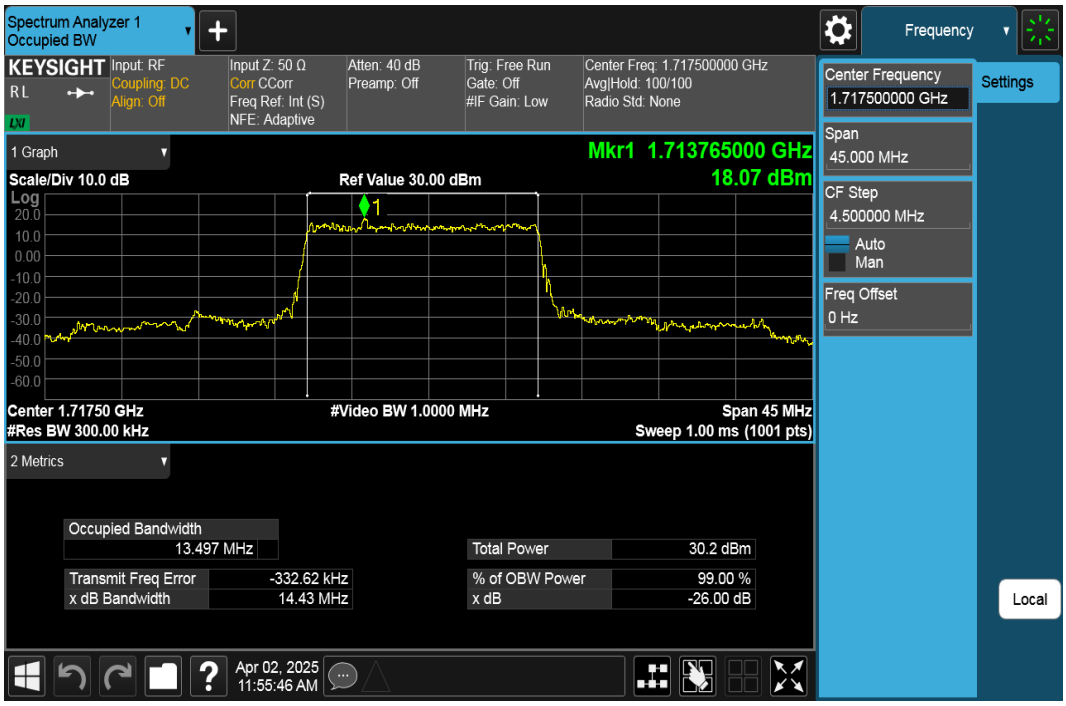
N66-10M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



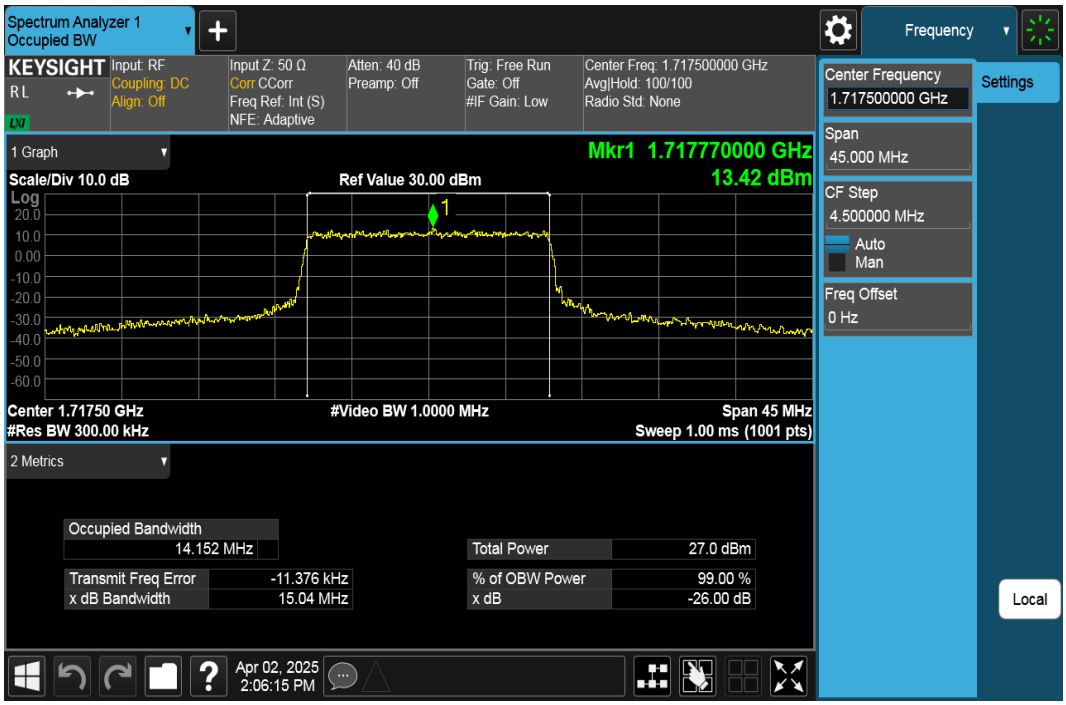
N66-10M-OBW-HCH-CP-OFDM-QPSK-Outer_Full



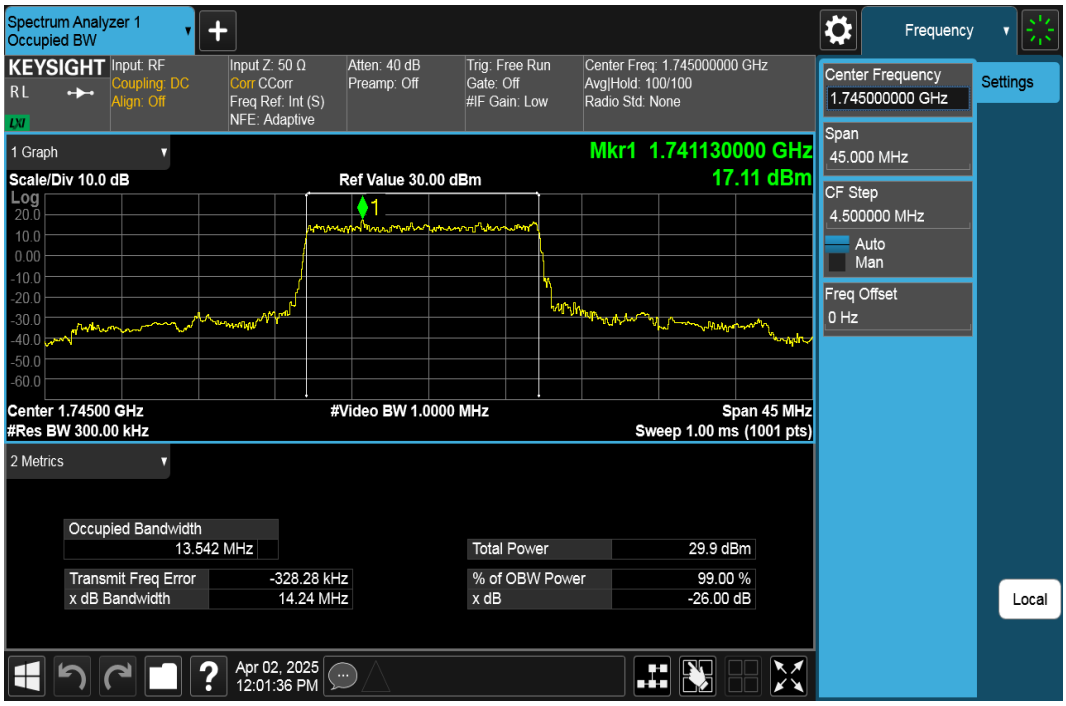
N66-15M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



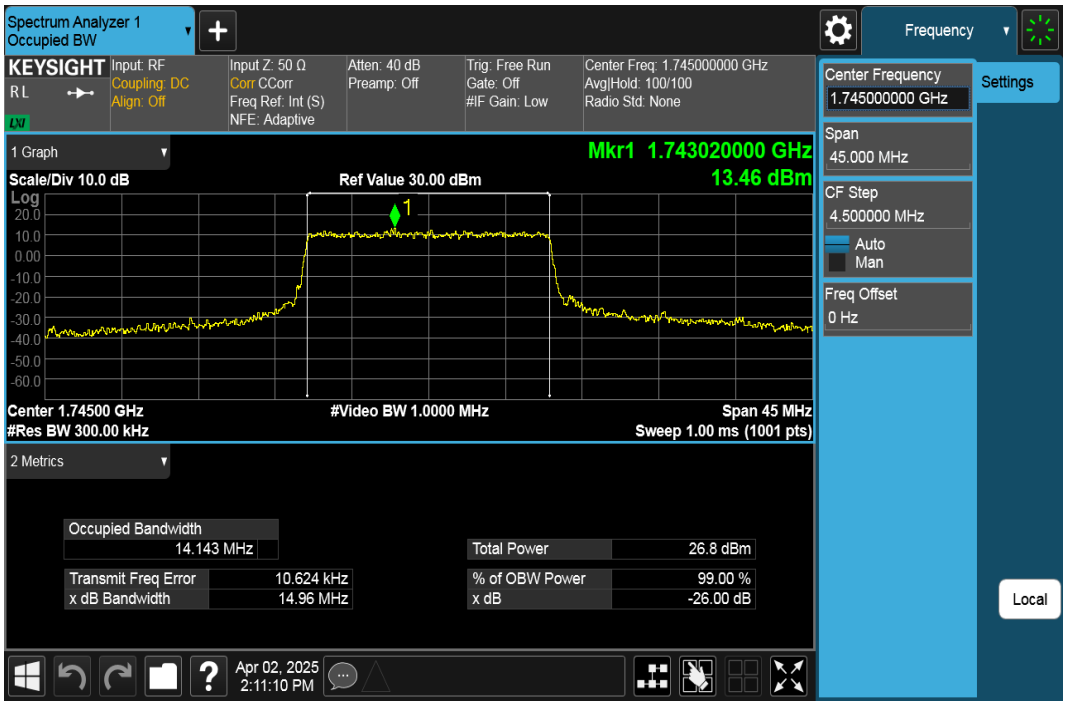
N66-15M-OBW-LCH-CP-OFDM-QPSK-Outer_Full



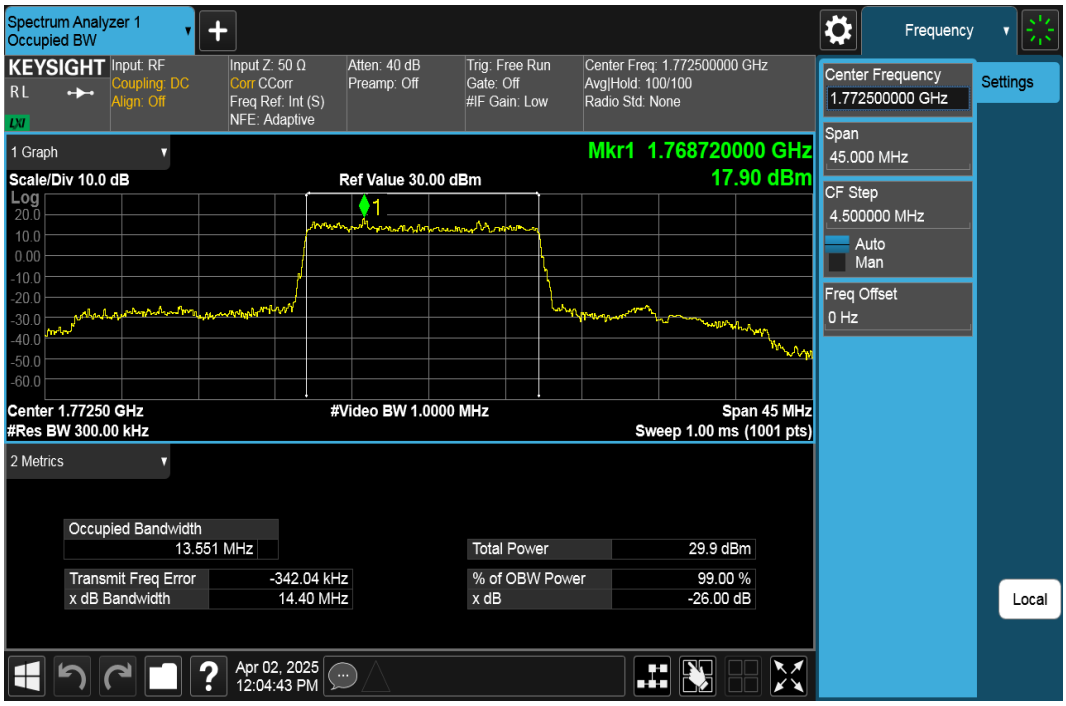
N66-15M-OBW-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N66-15M-OBW-MCH-CP-OFDM-QPSK-Outer_Full



N66-15M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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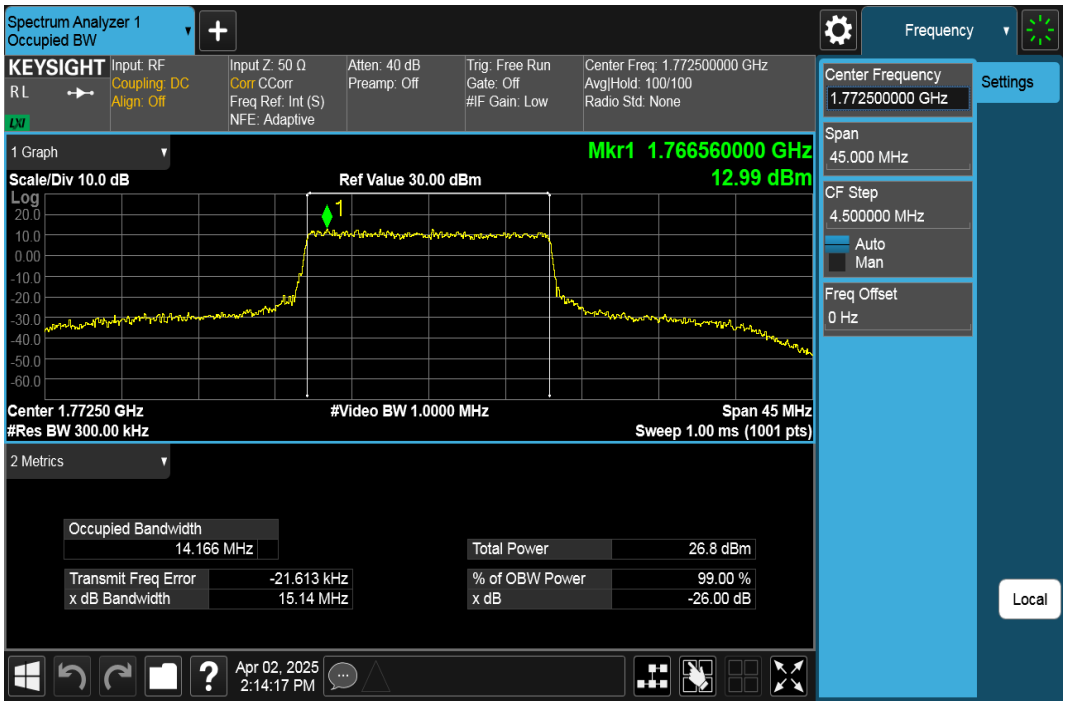
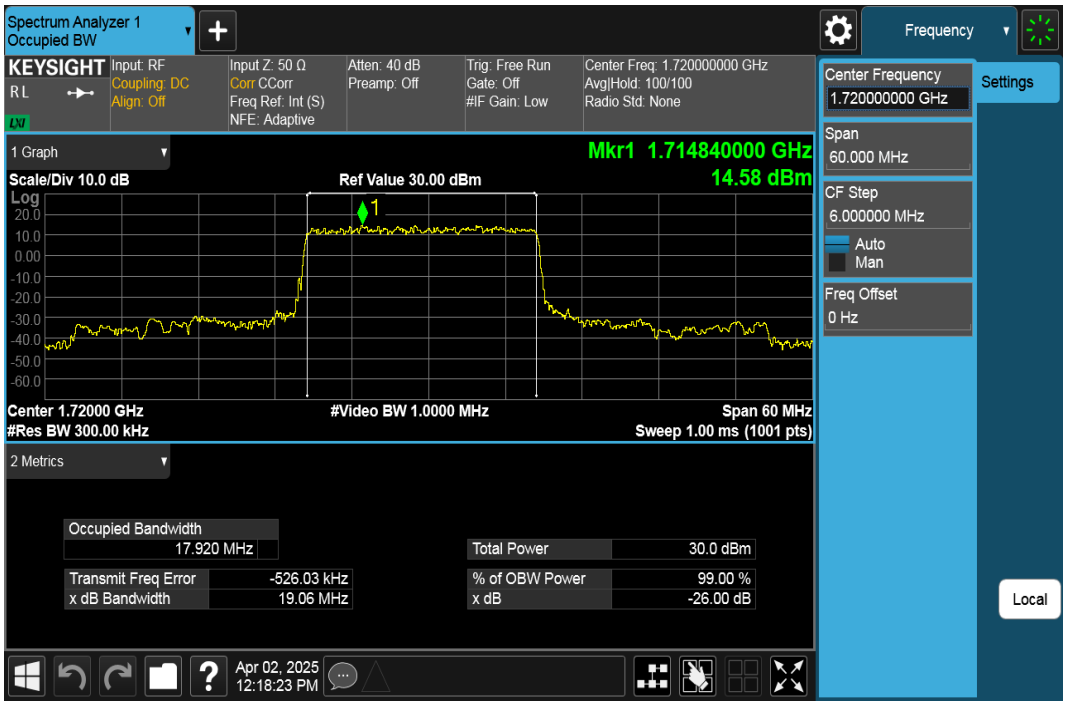


N66-20M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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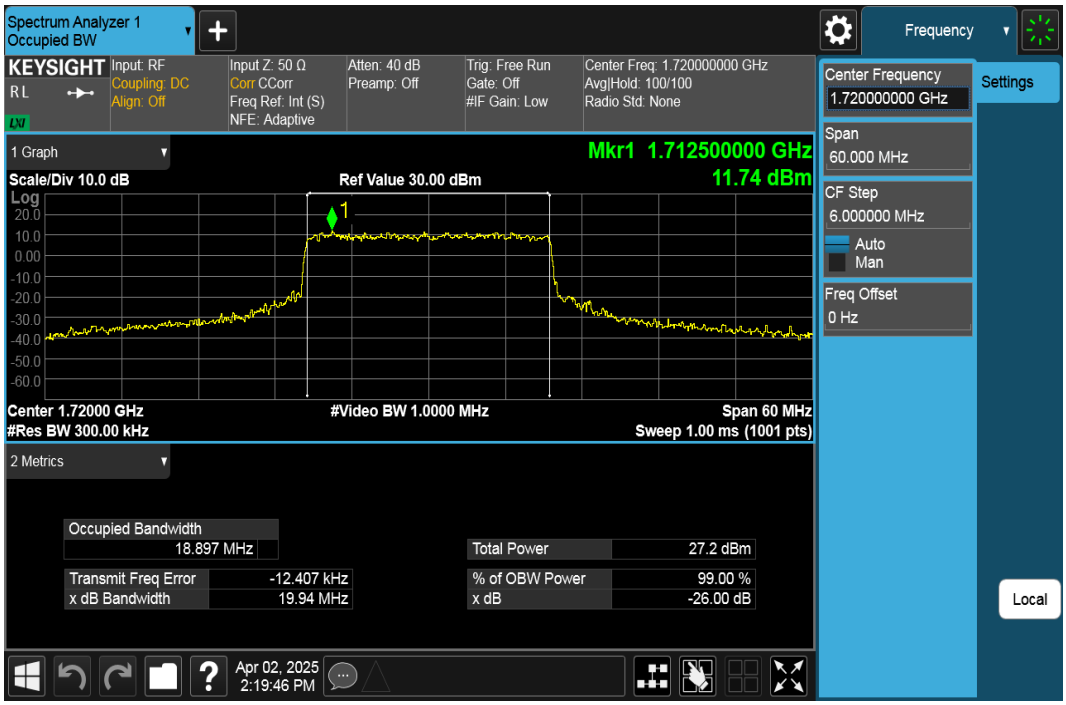
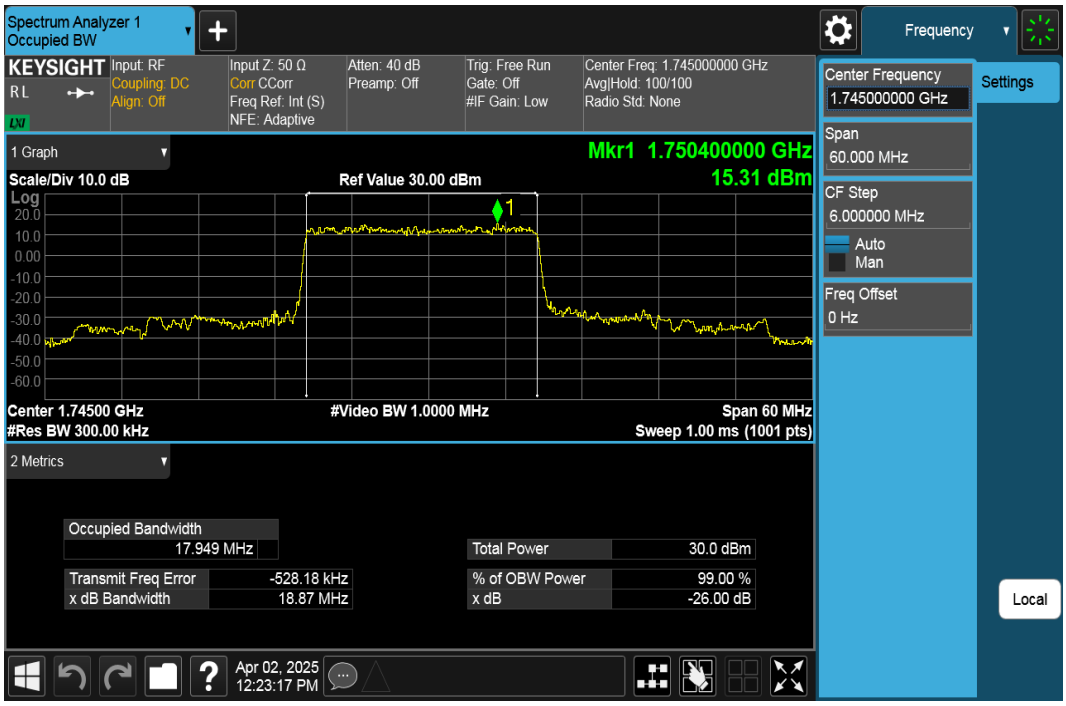


N66-20M-OBW-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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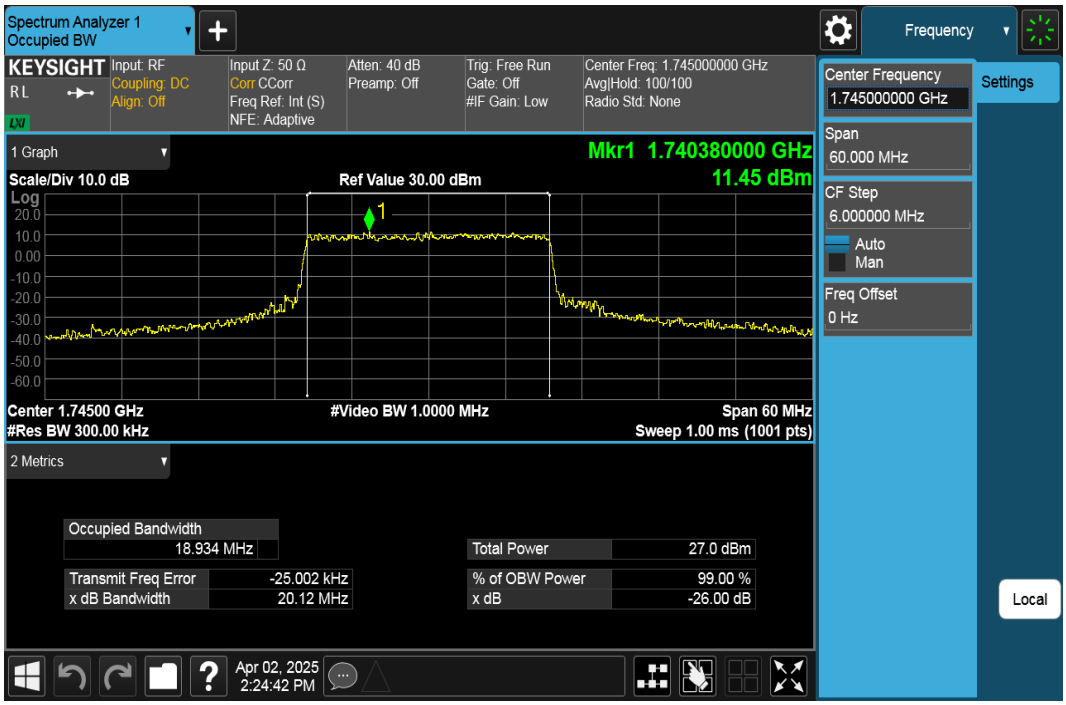
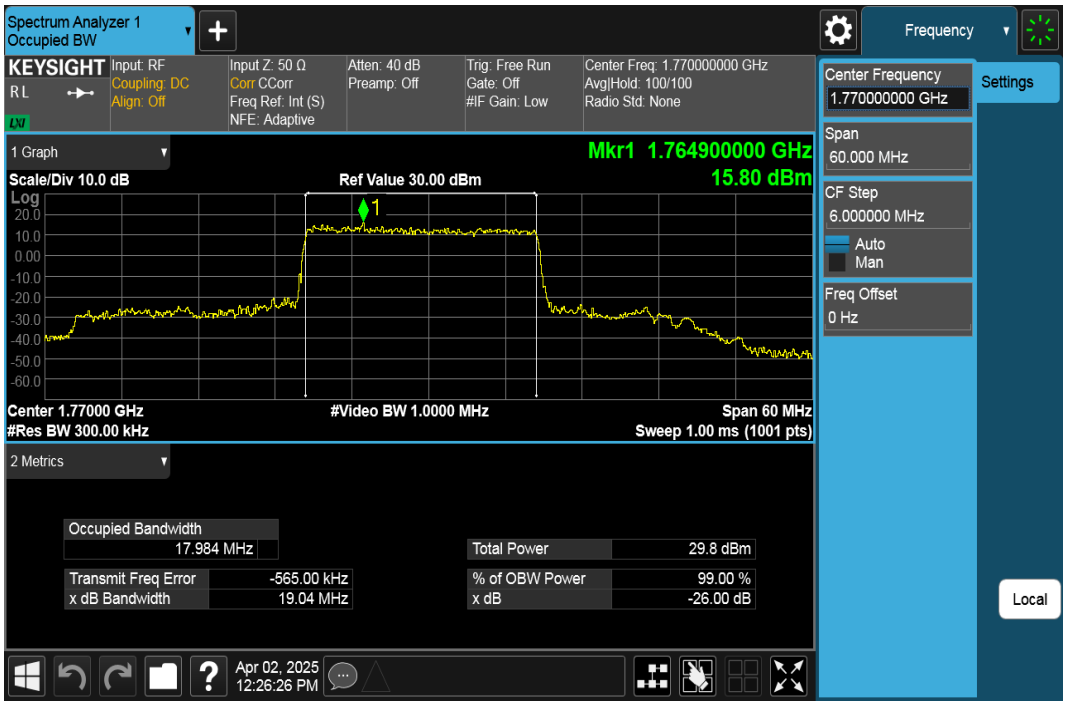
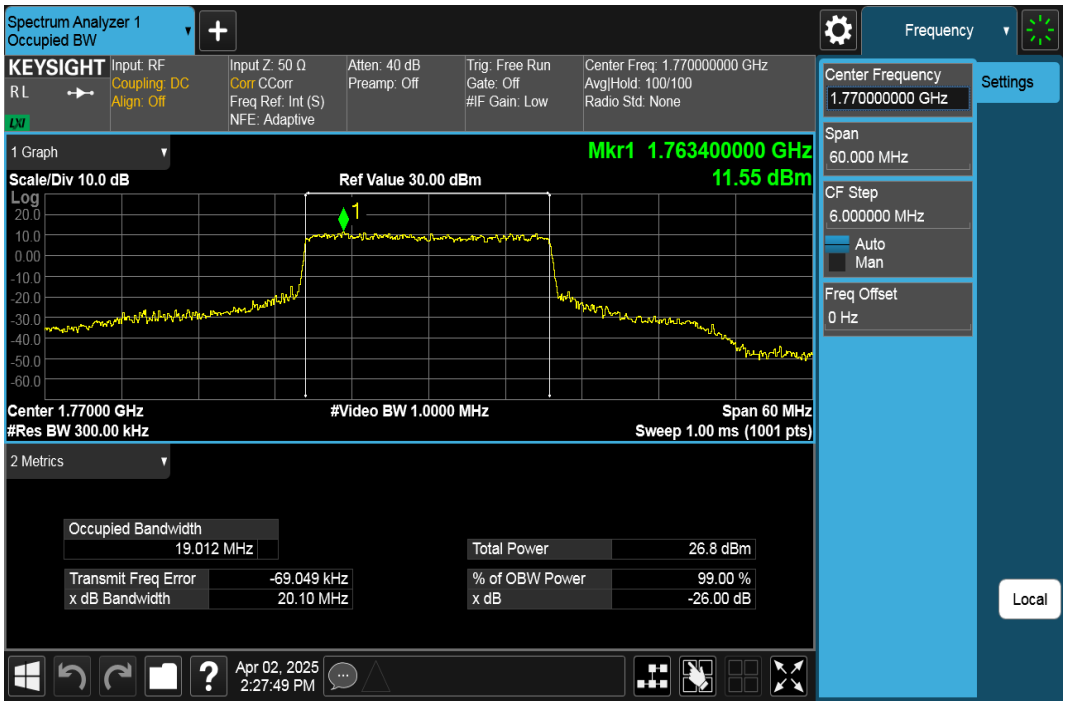


N66-20M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



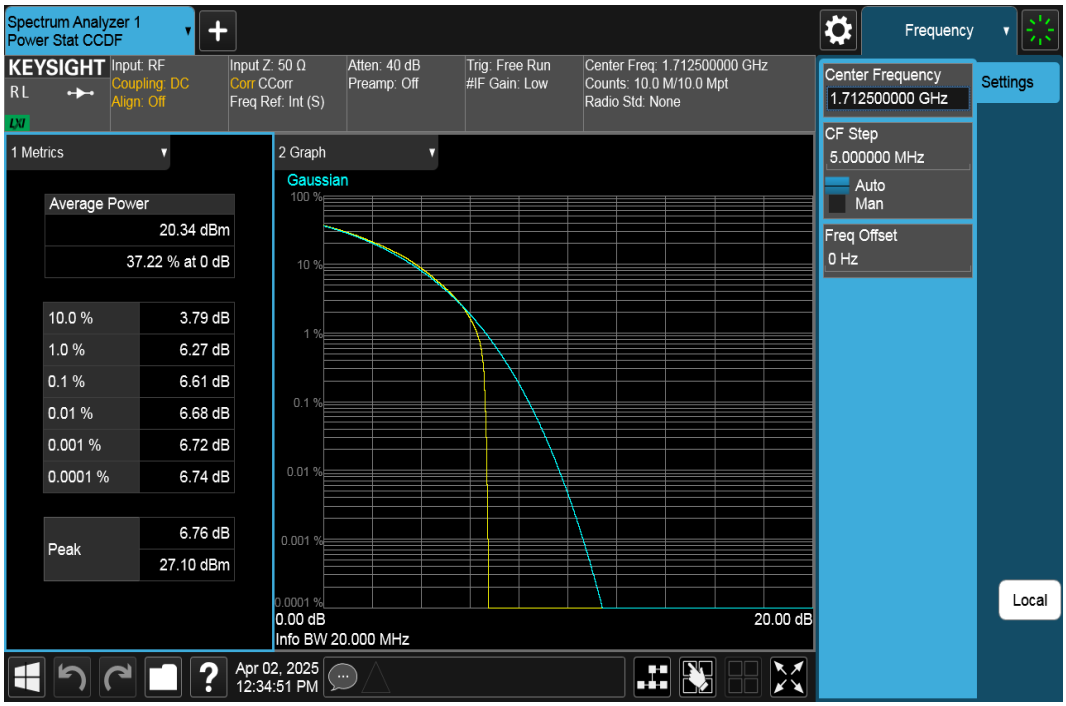
N66-20M-OBW-HCH-CP-OFDM-QPSK-Outer_Full



PAPR Test graph

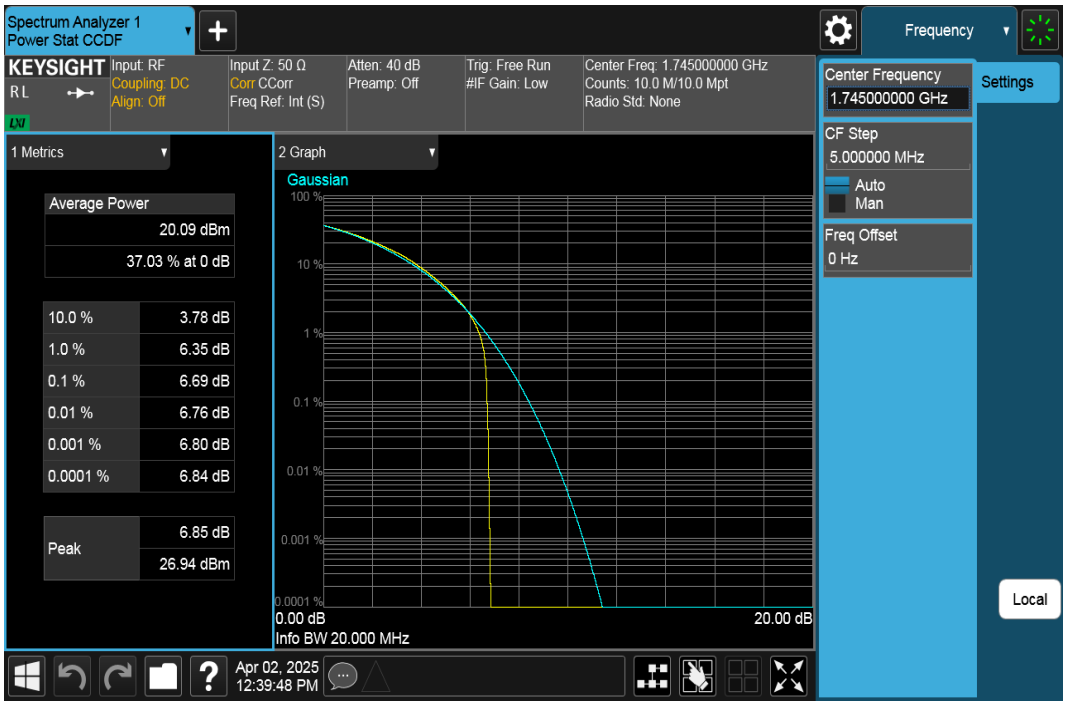
N66-5M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N66-5M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



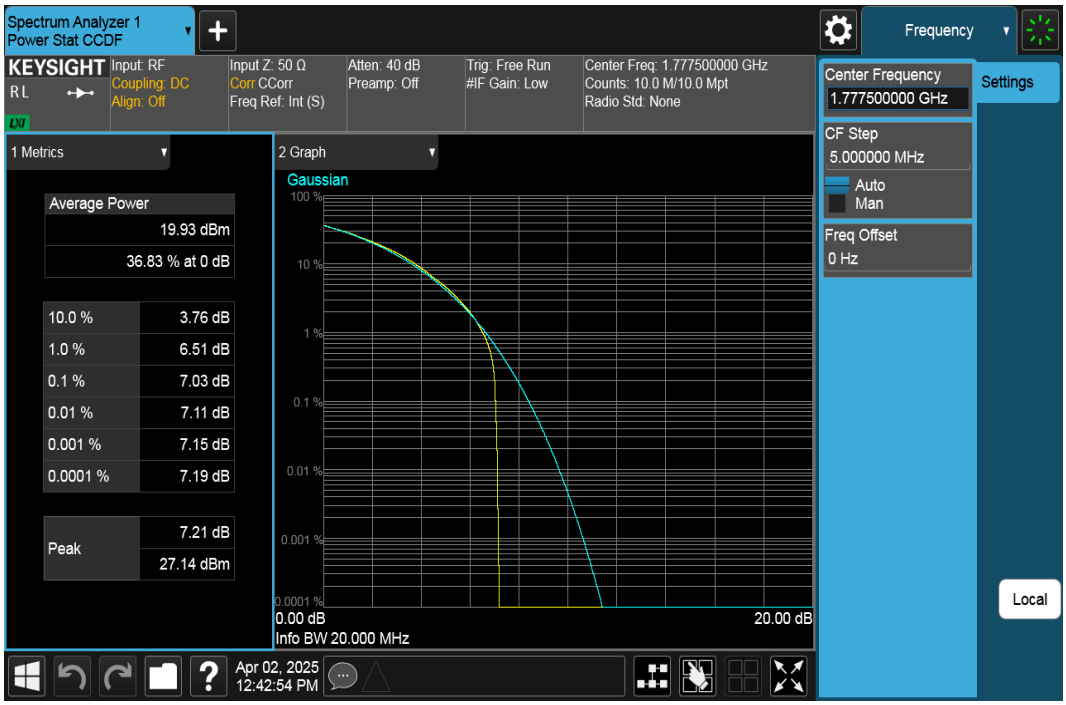
N66-5M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N66-5M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full

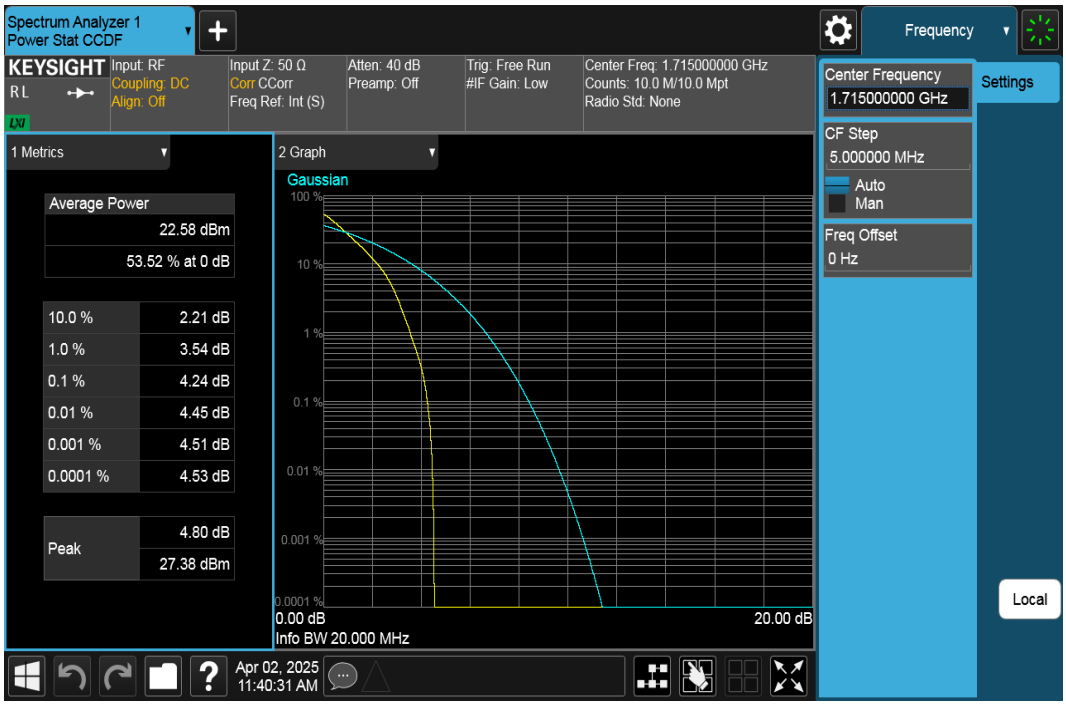


N66-5M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

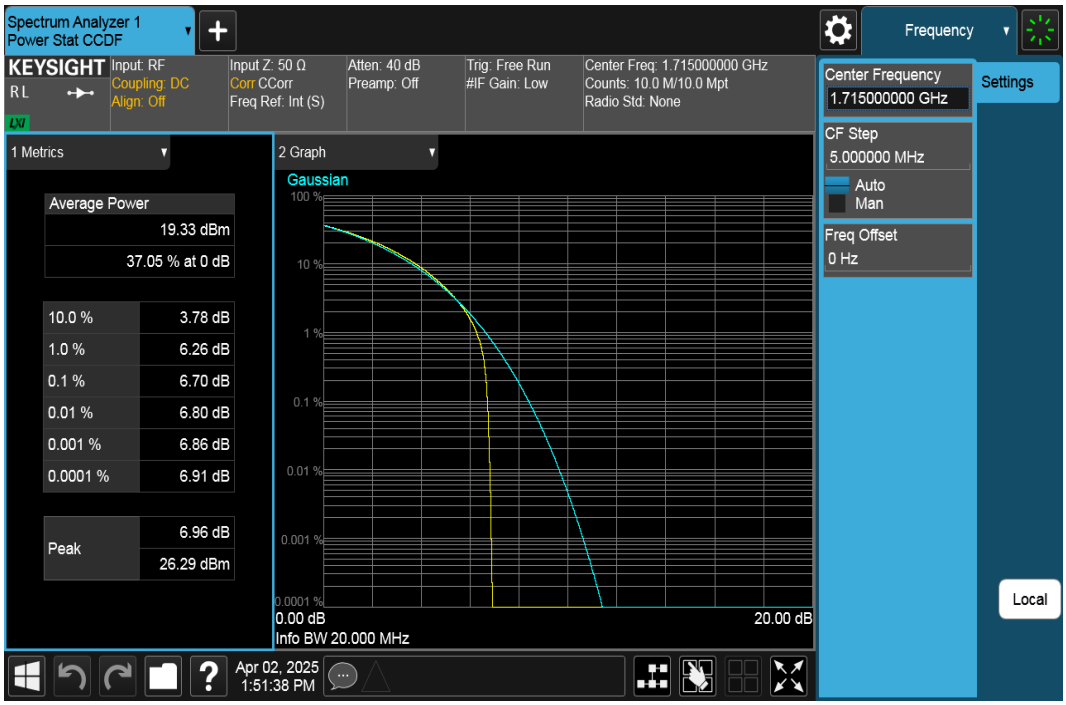
N66-5M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full



N66-10M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

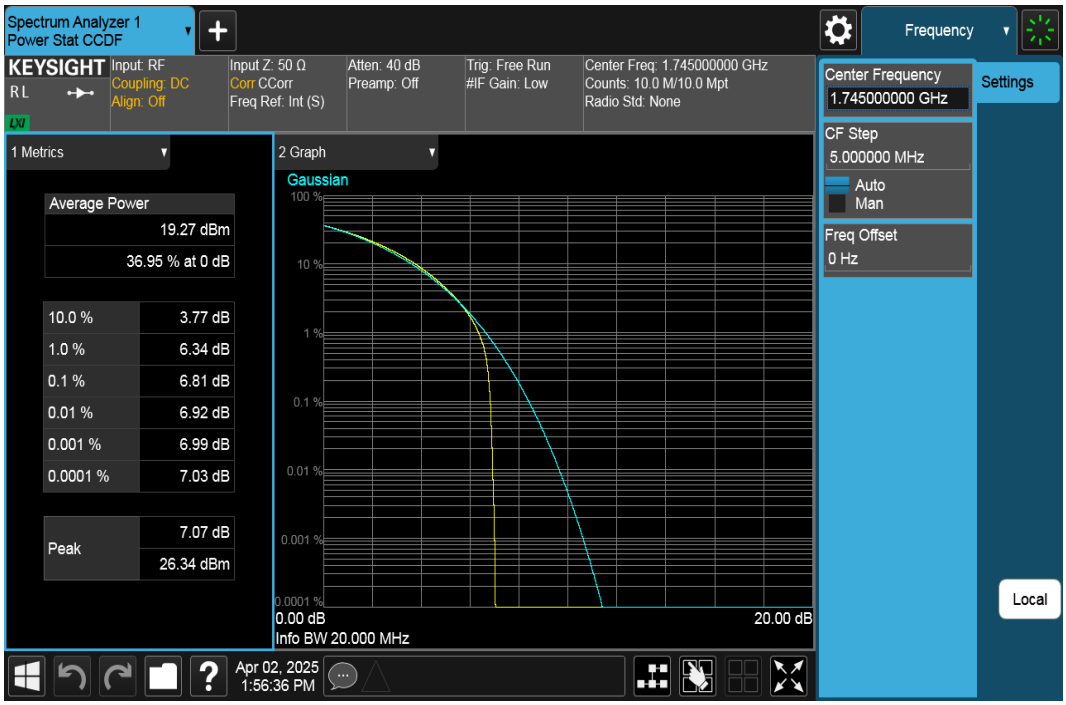


N66-10M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full

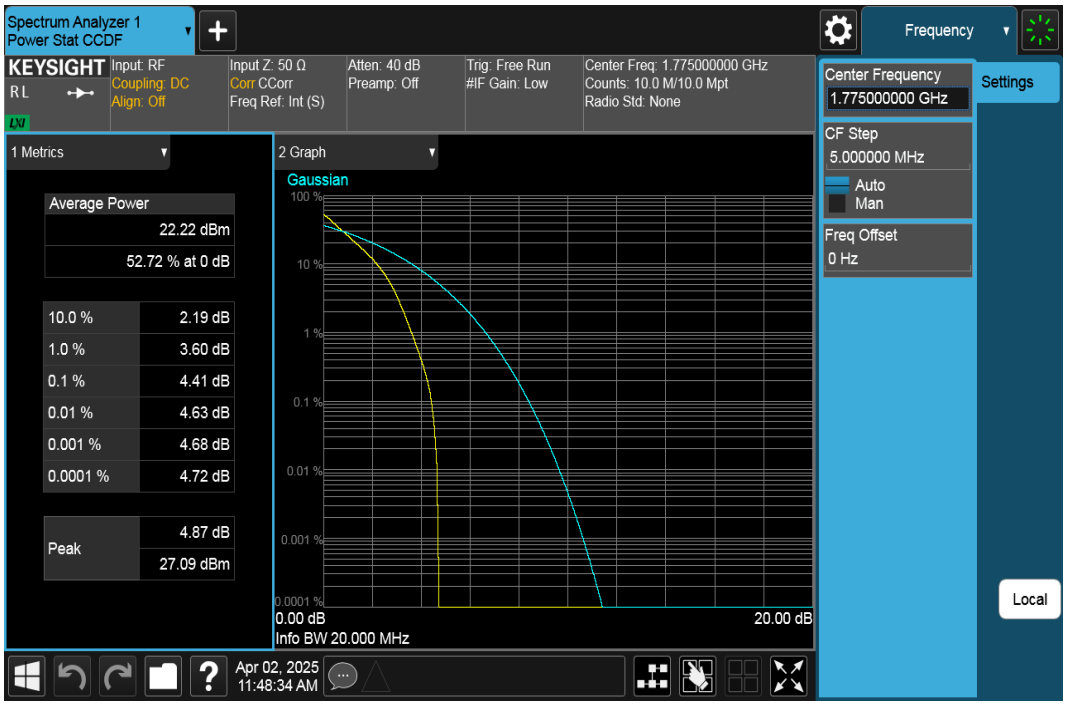


N66-10M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

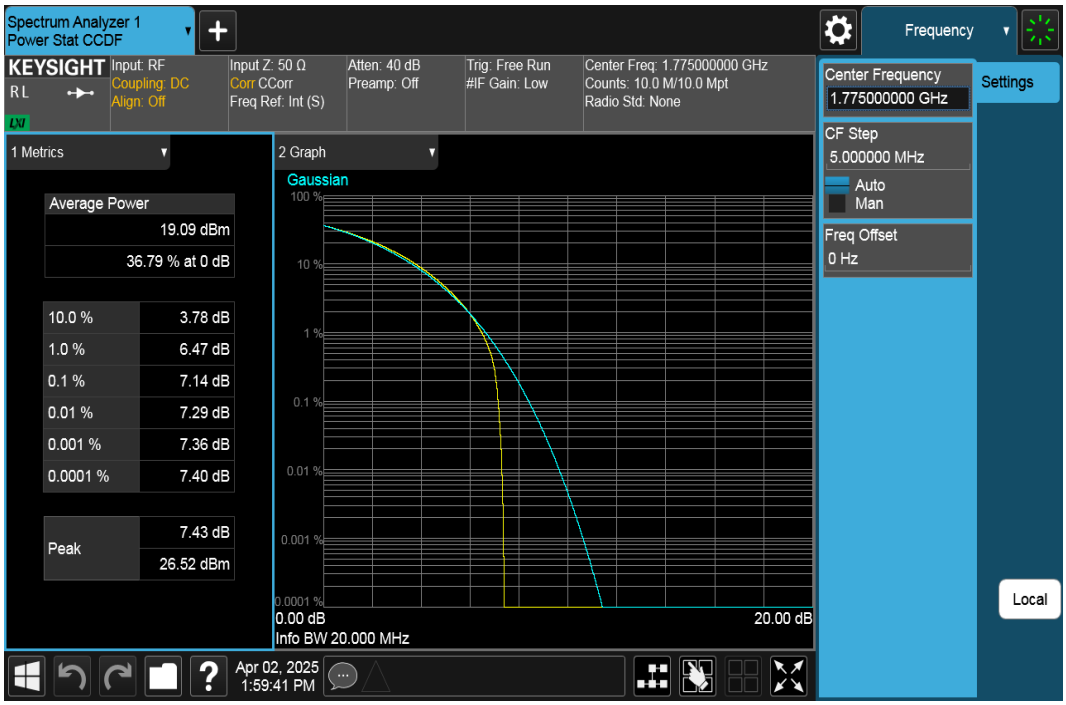
N66-10M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N66-10M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

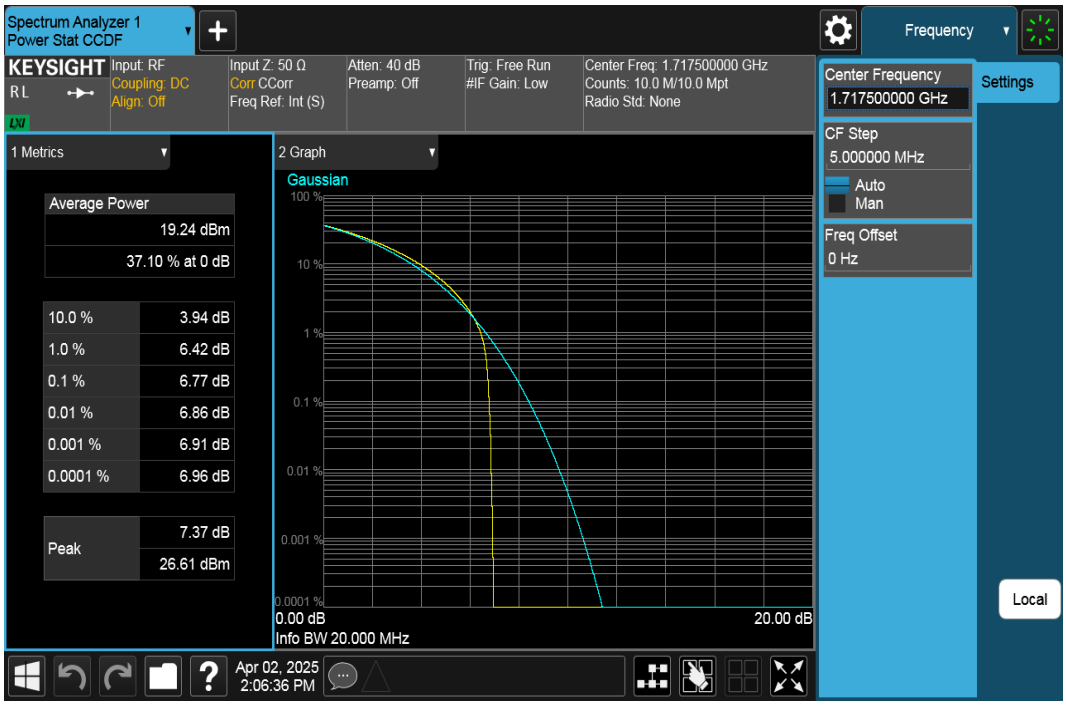


N66-10M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full



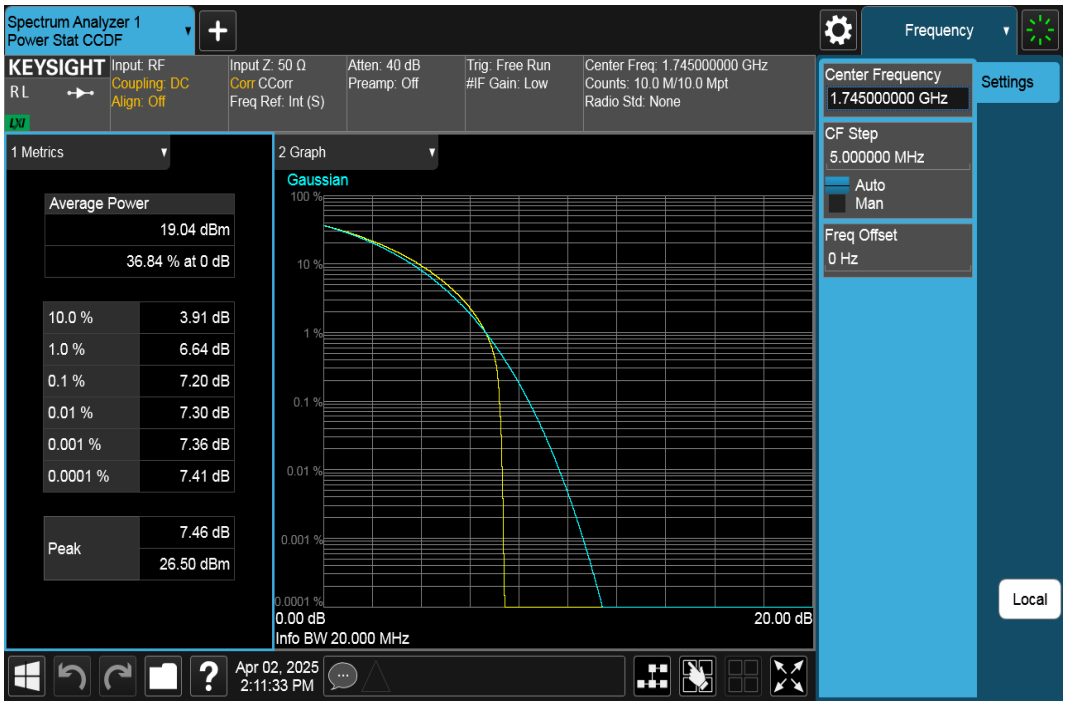
N66-15M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N66-15M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



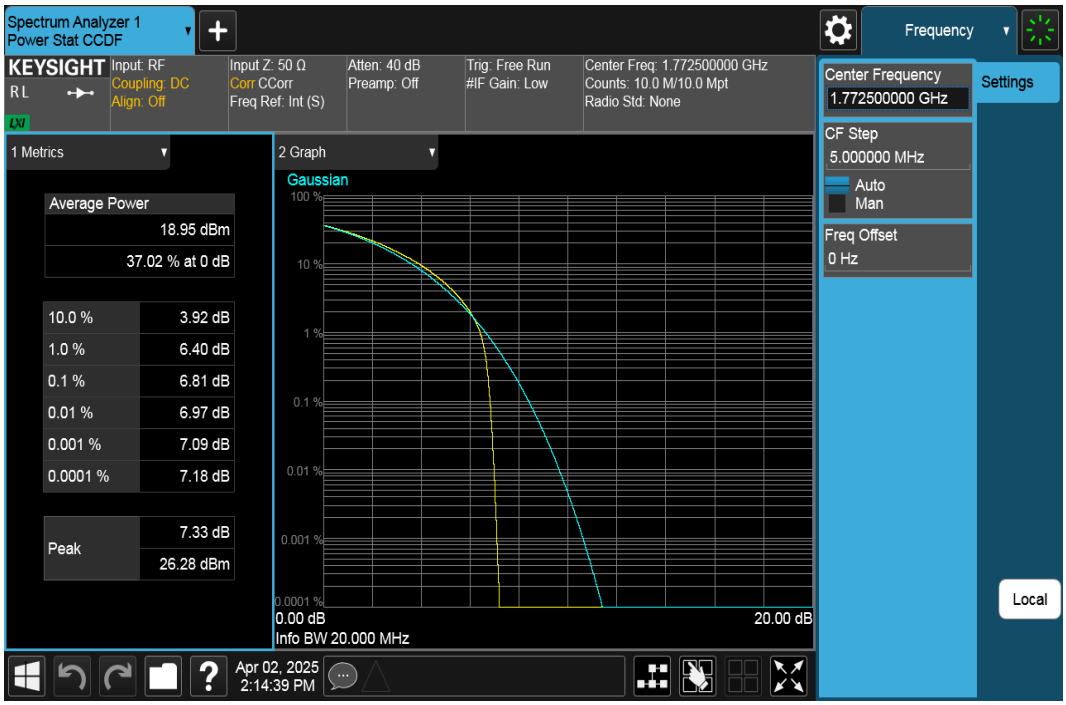
N66-15M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N66-15M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



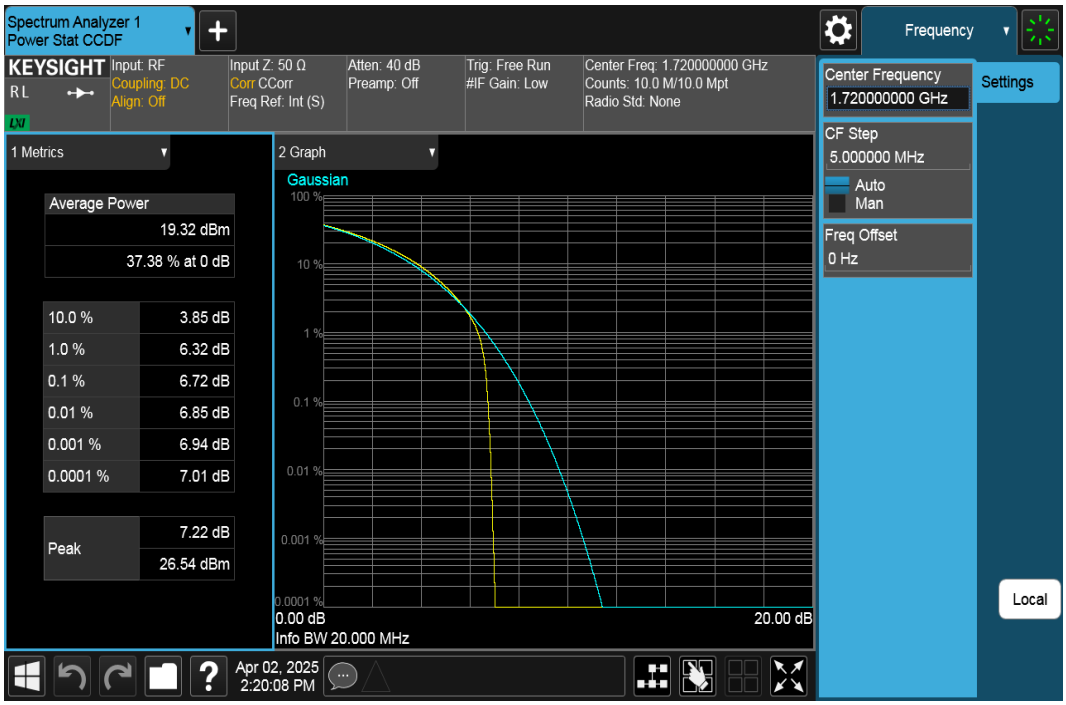
N66-15M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N66-15M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full



N66-20M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N66-20M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N66-20M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

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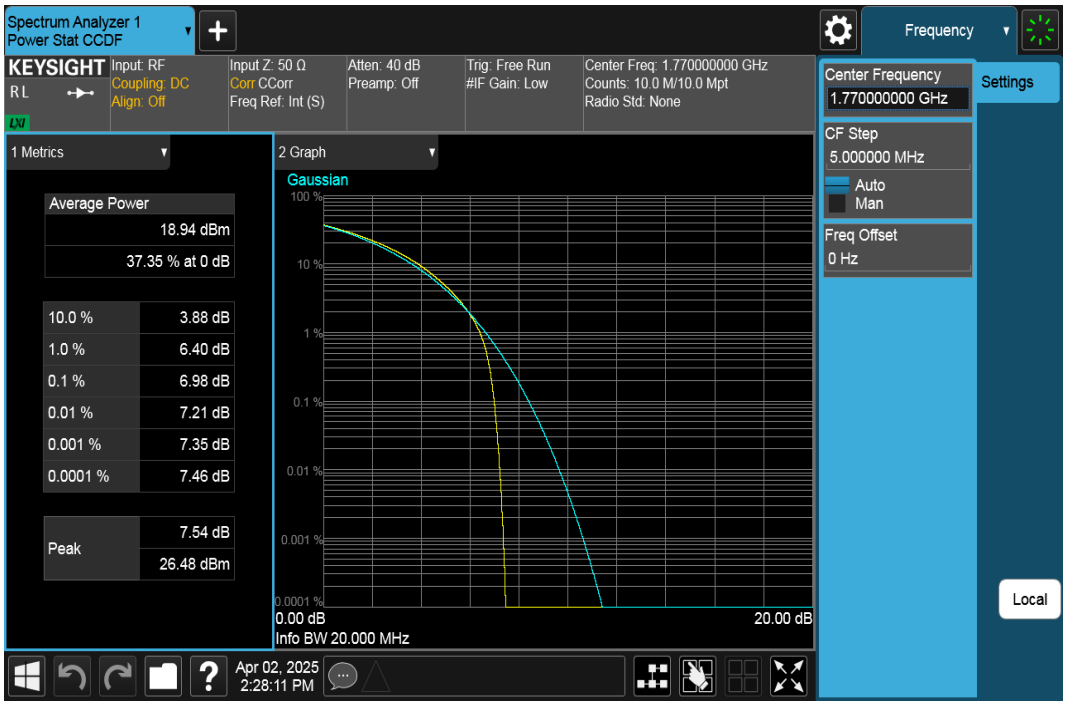
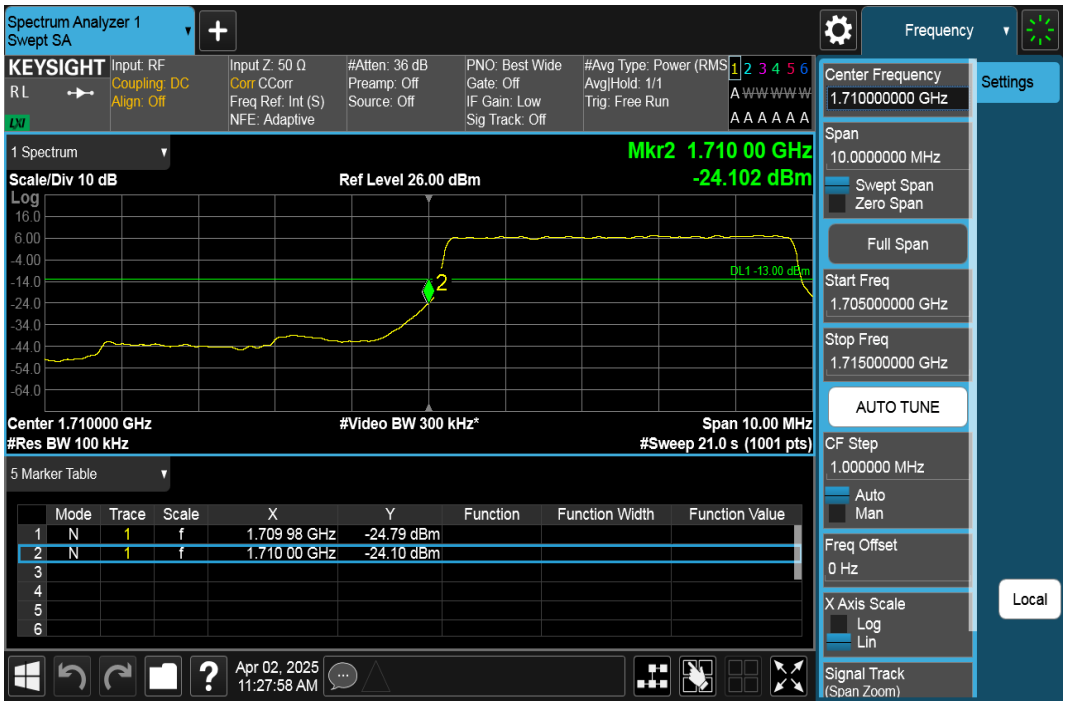


Bandedge

test graph

N66-5M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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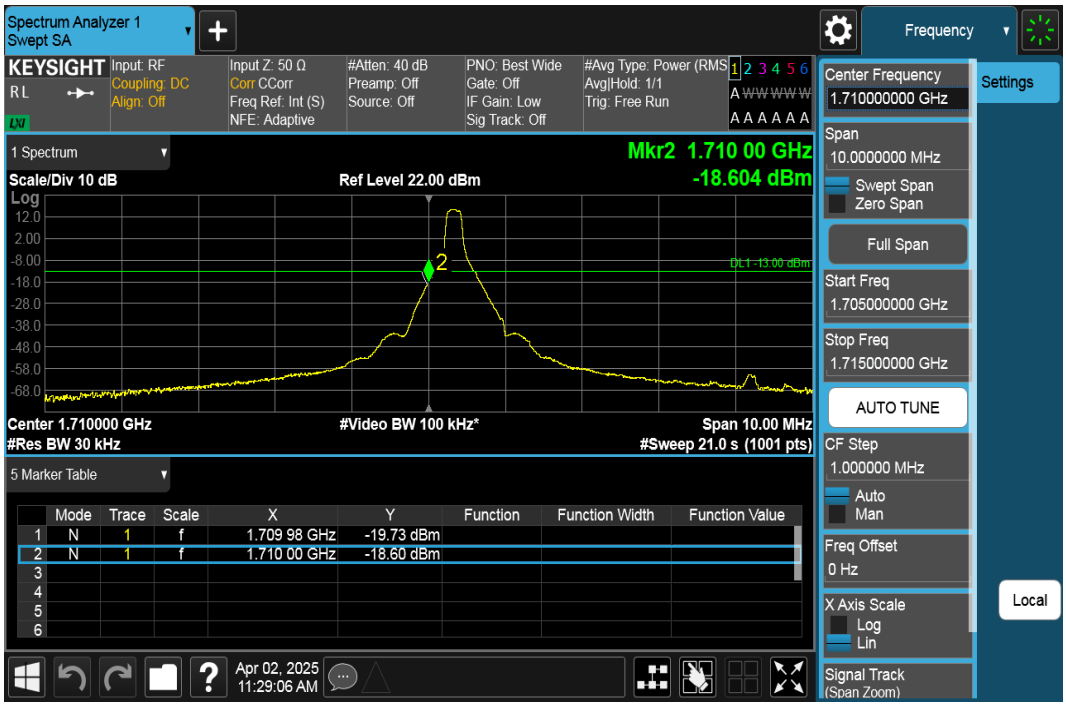

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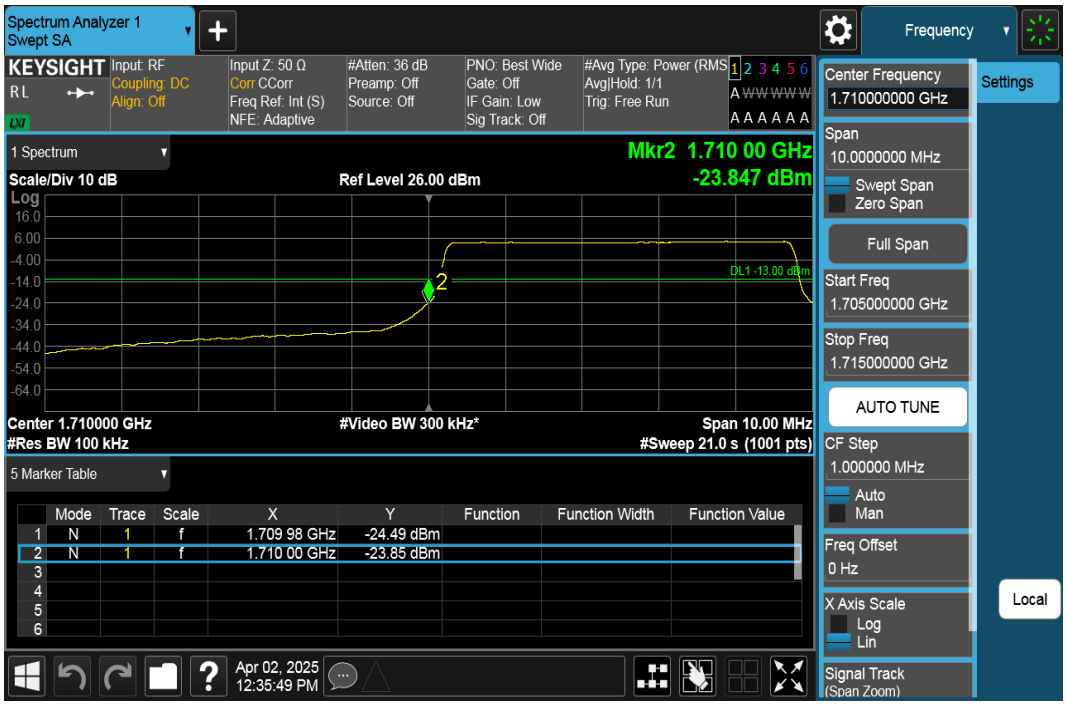

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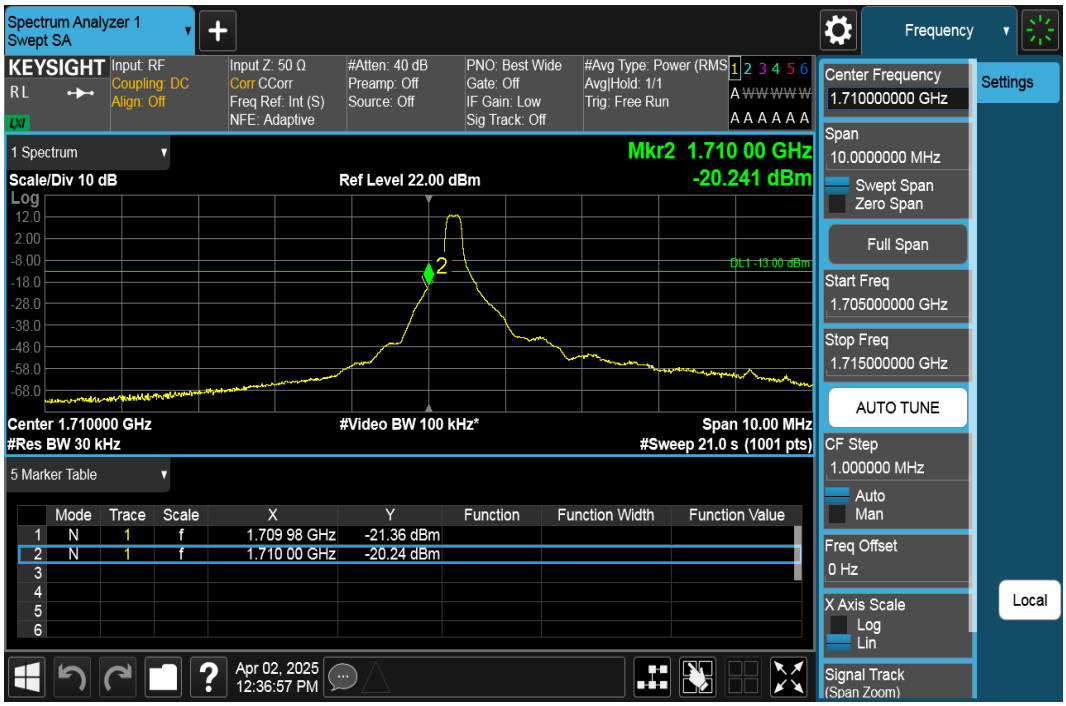

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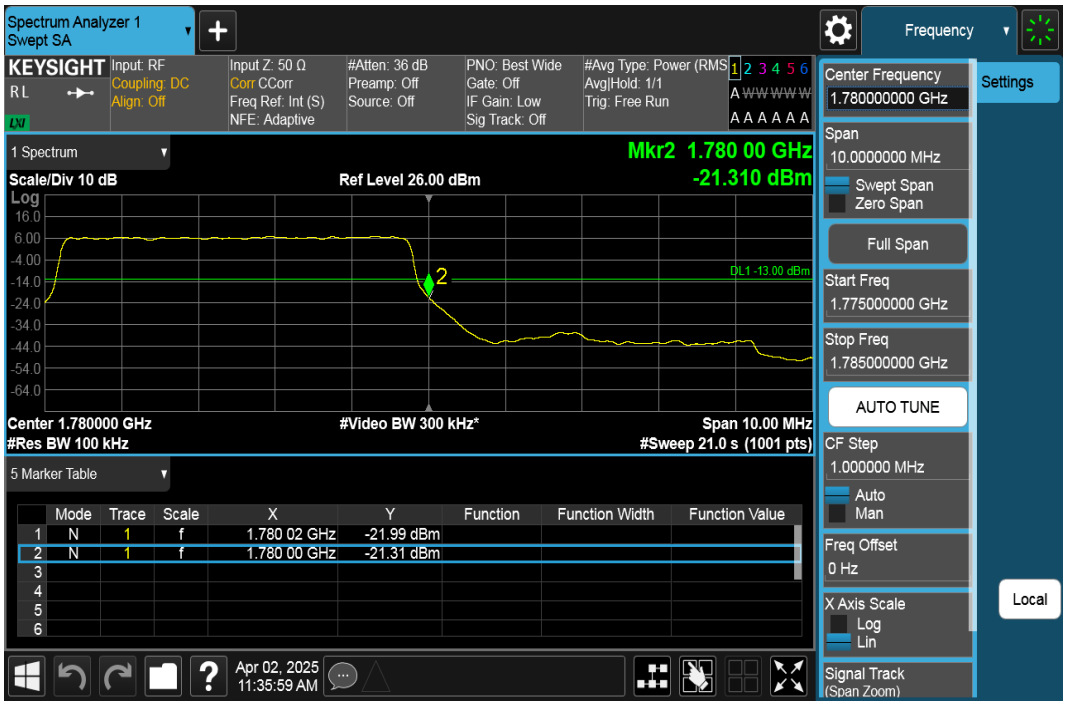

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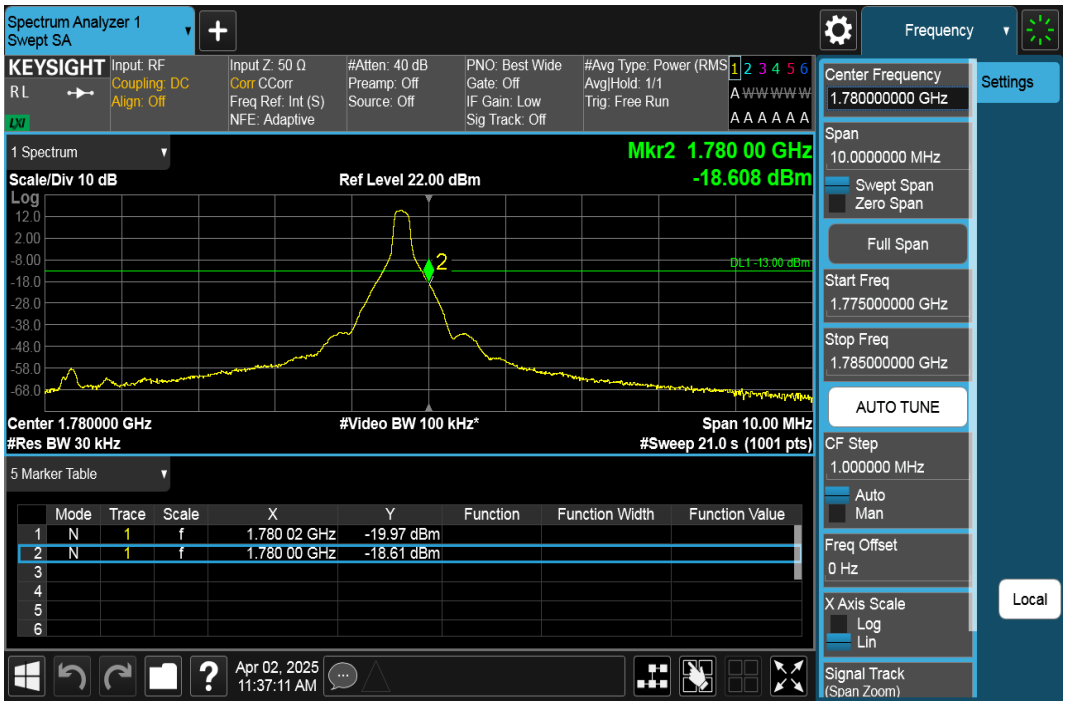

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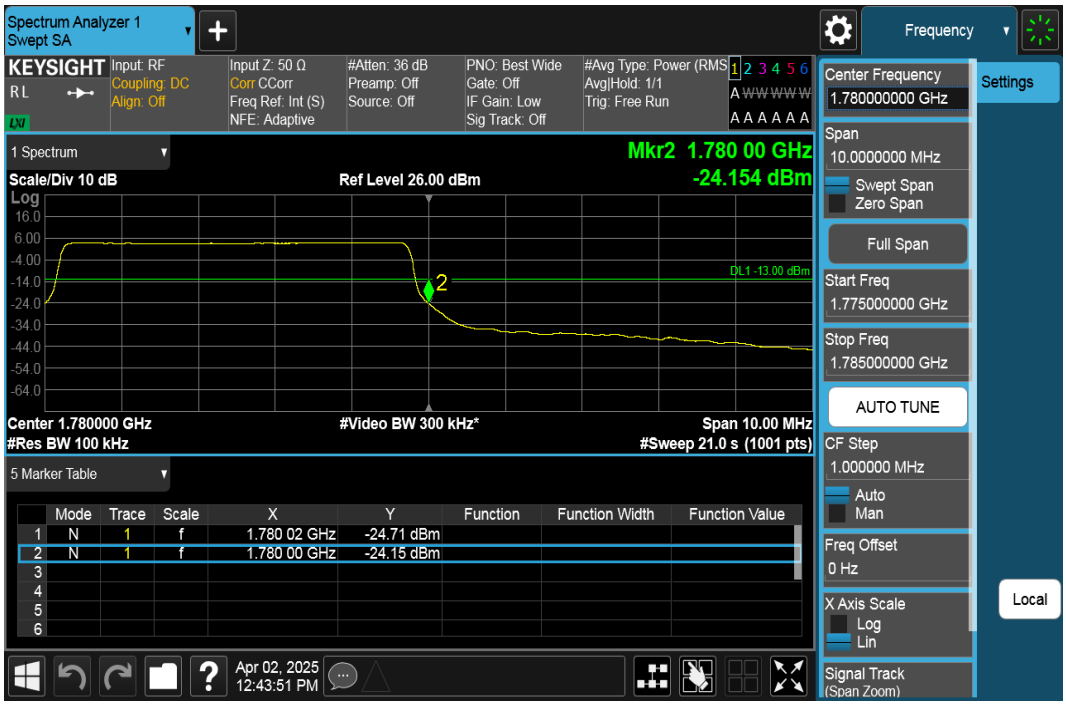

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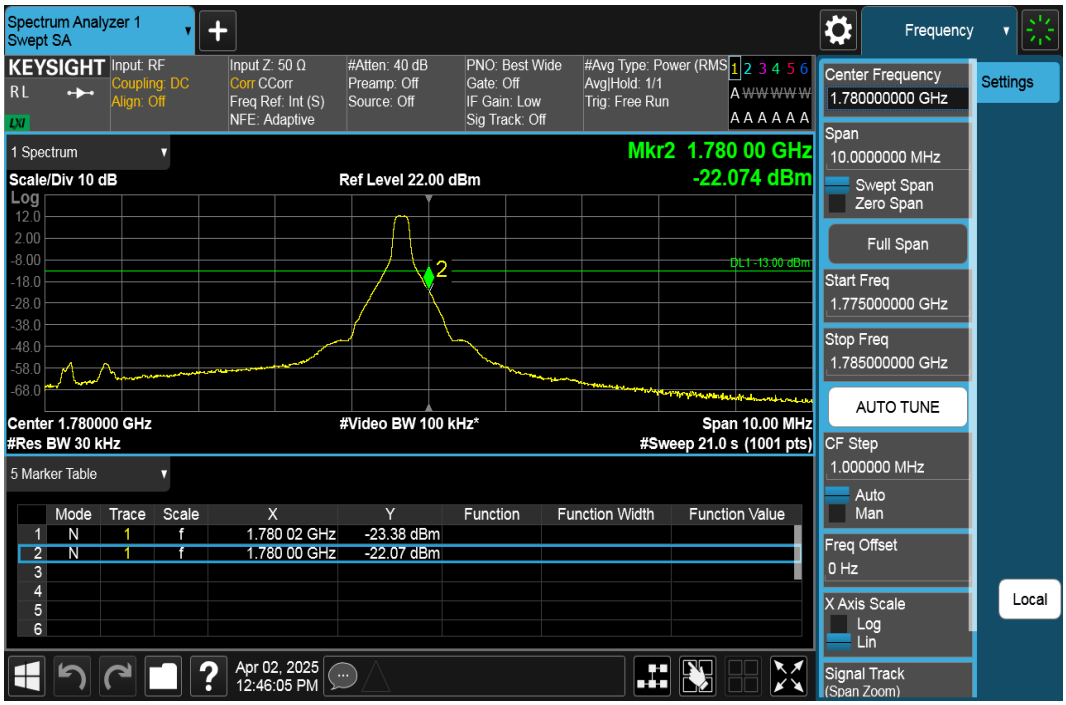

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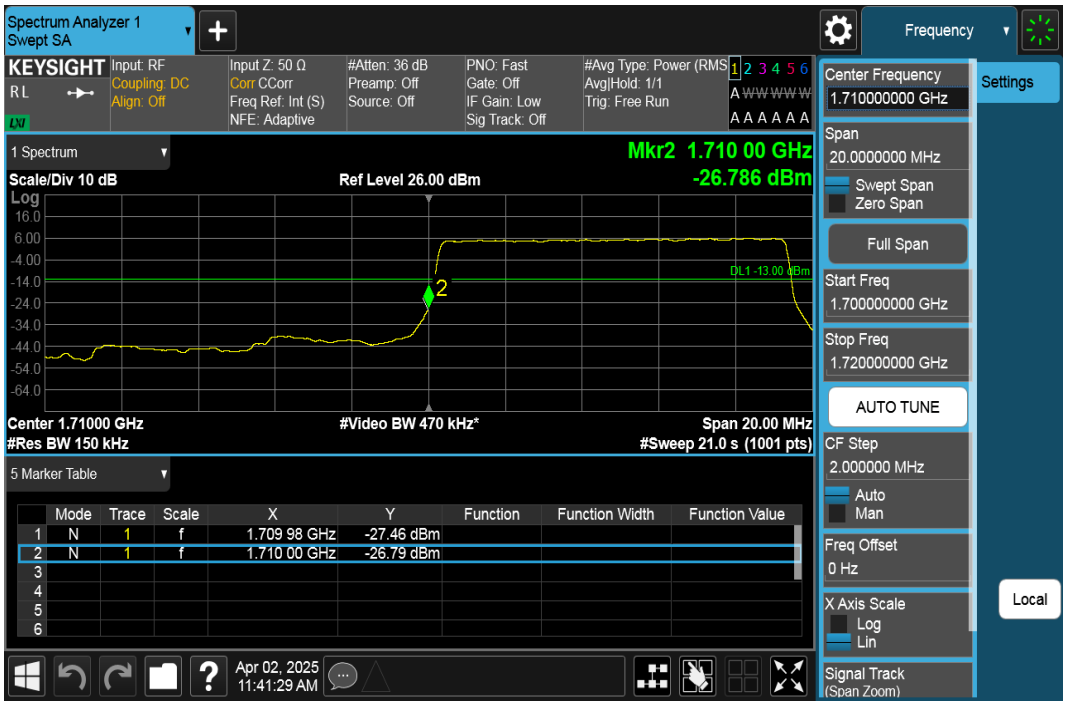

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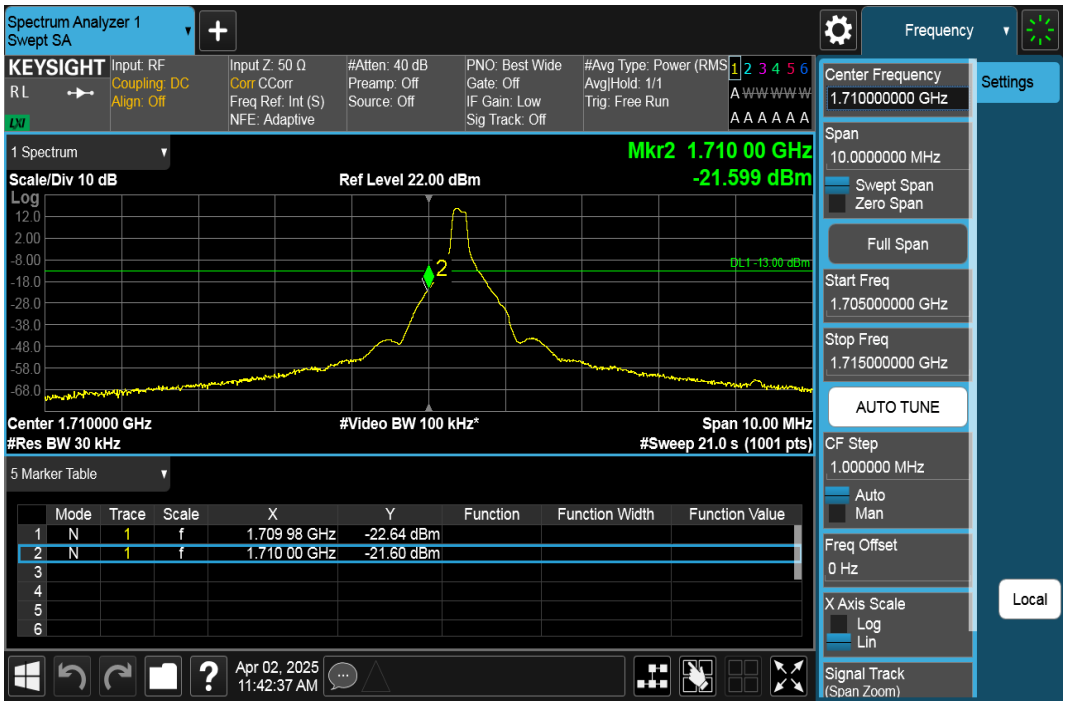

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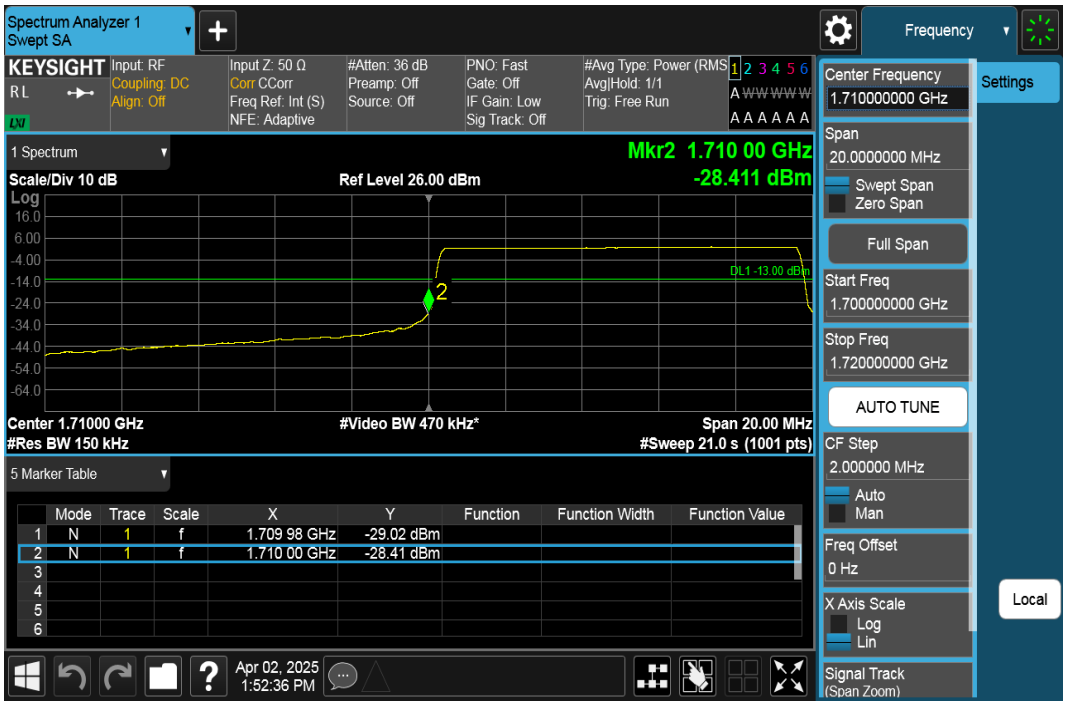

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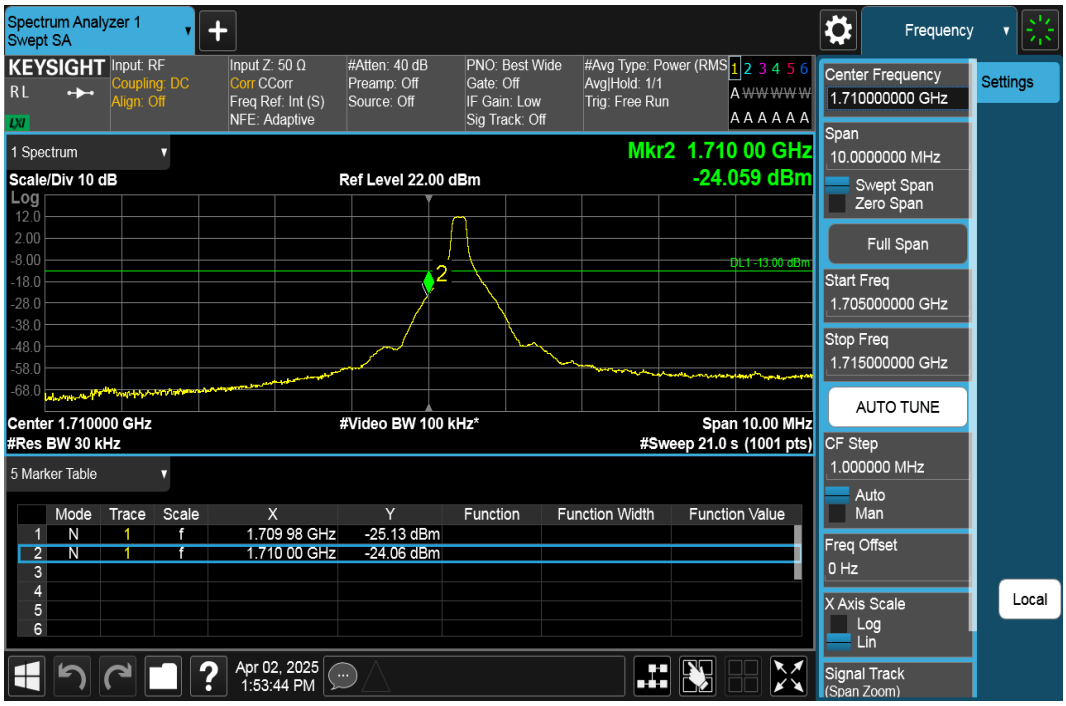

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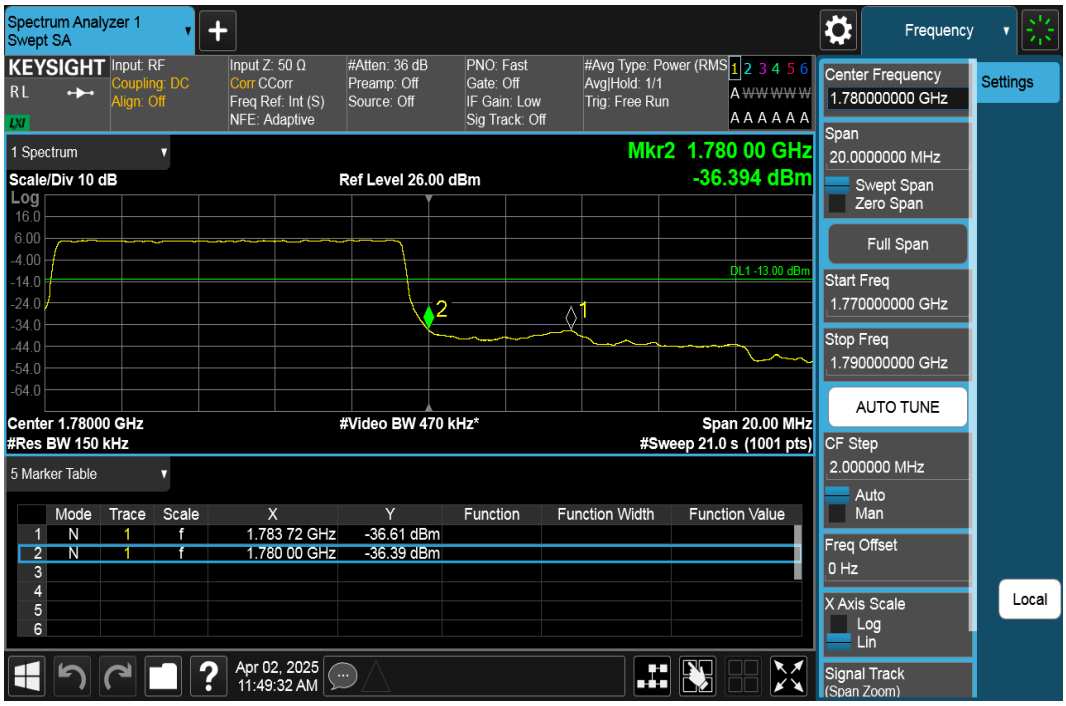
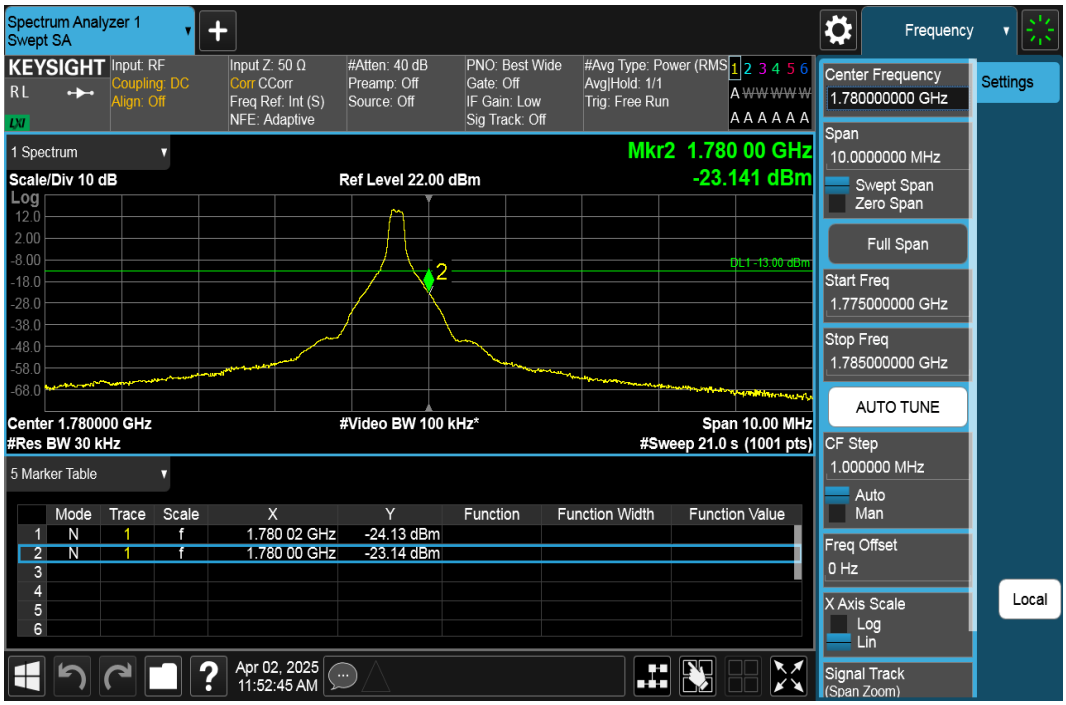


N66-10M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



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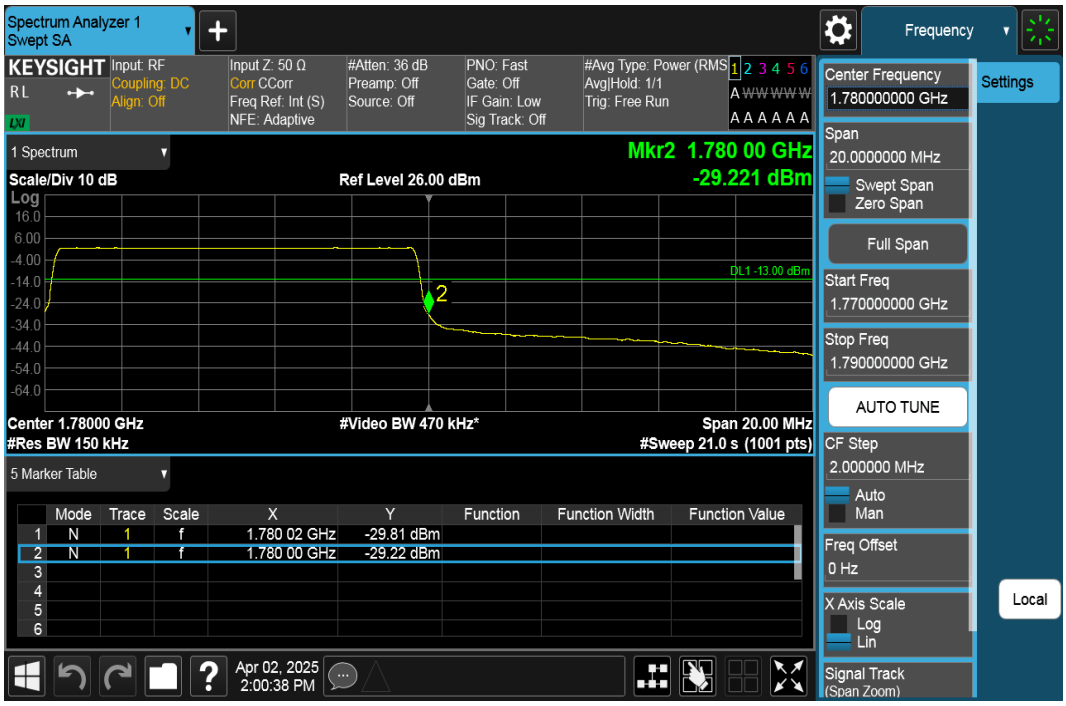

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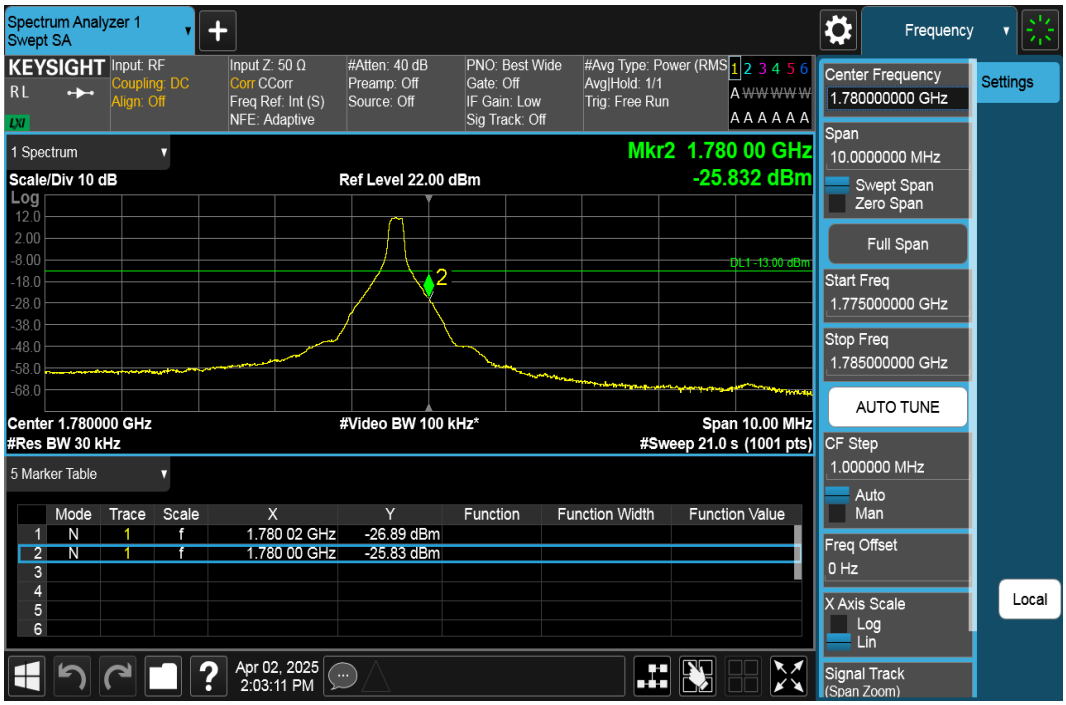
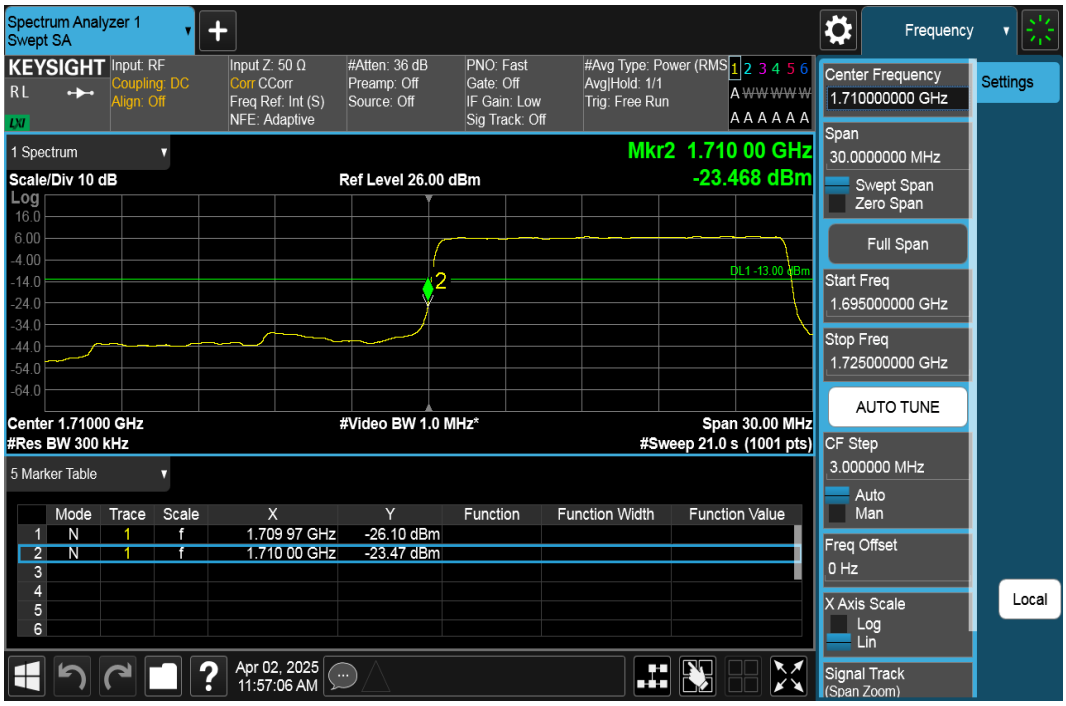


N66-15M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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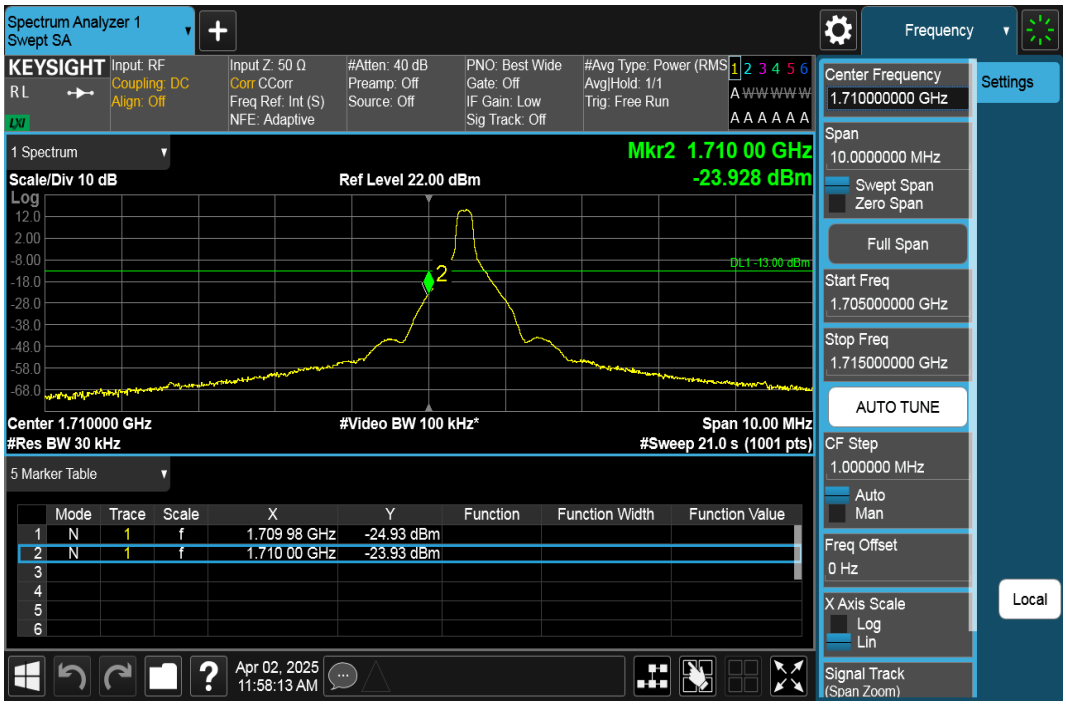

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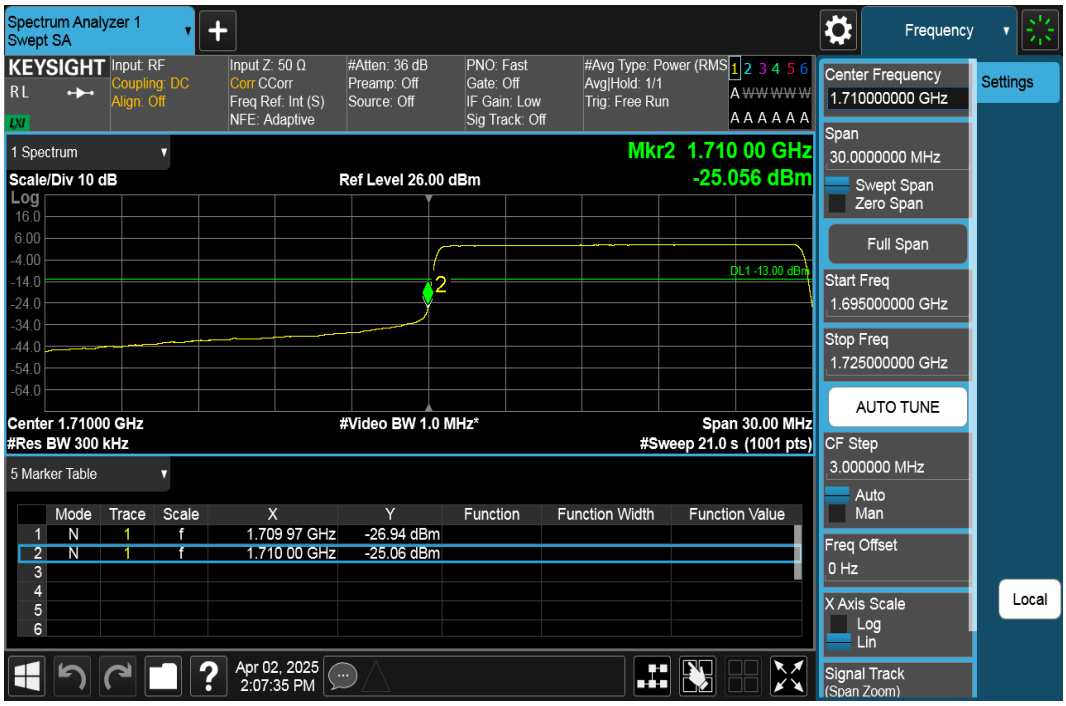

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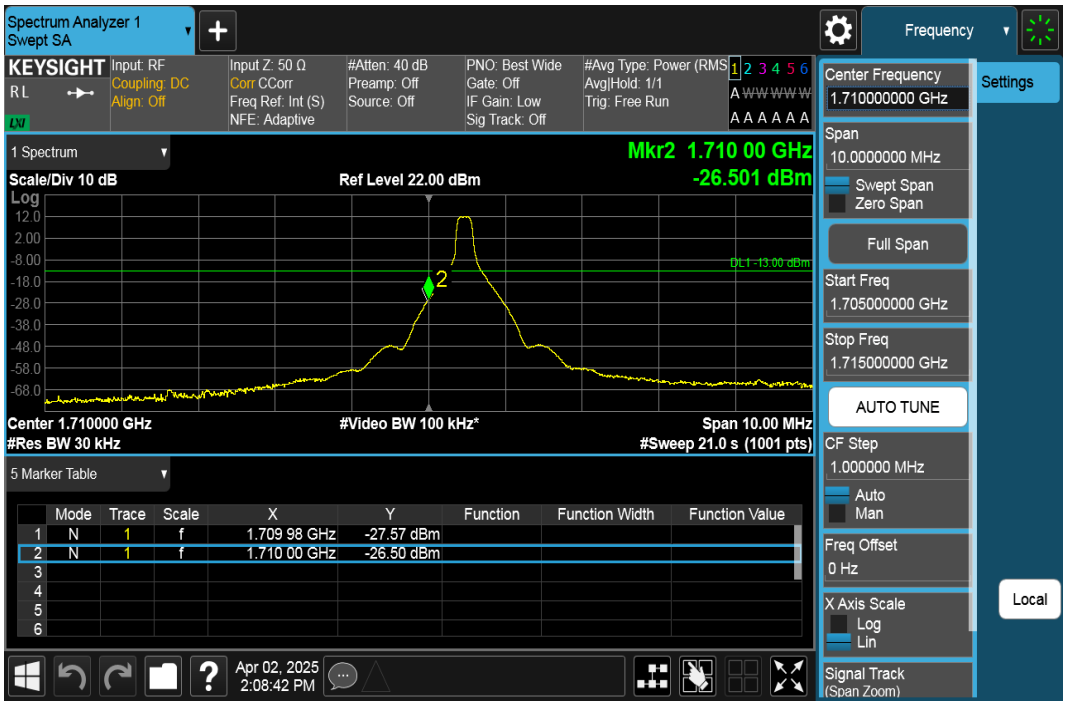

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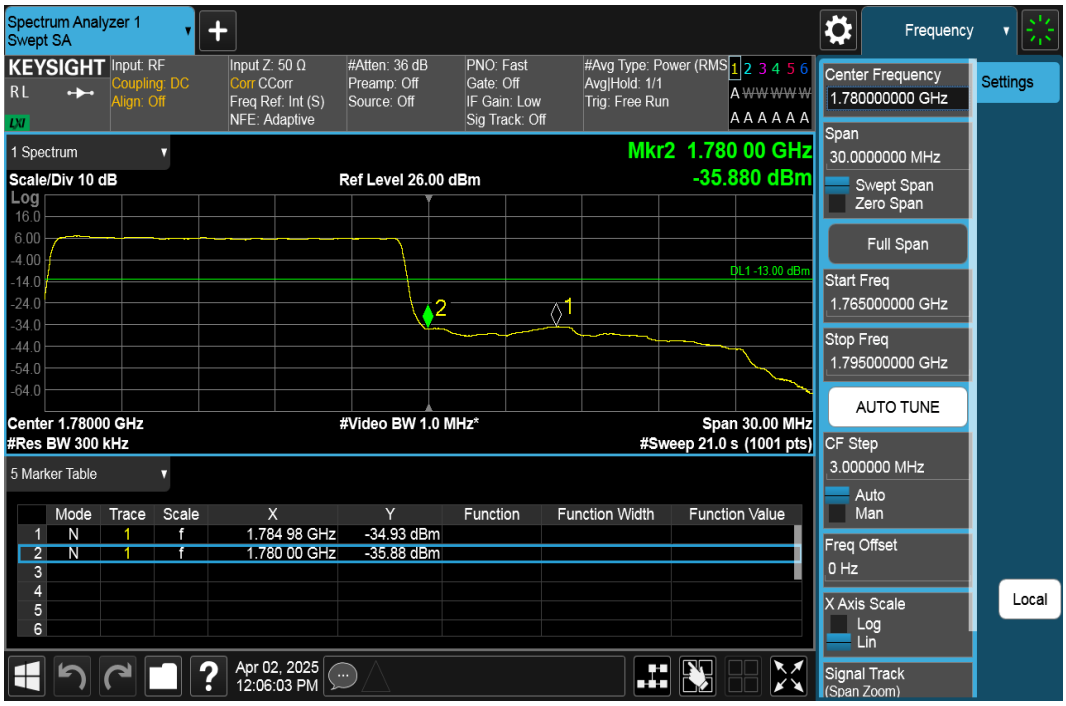

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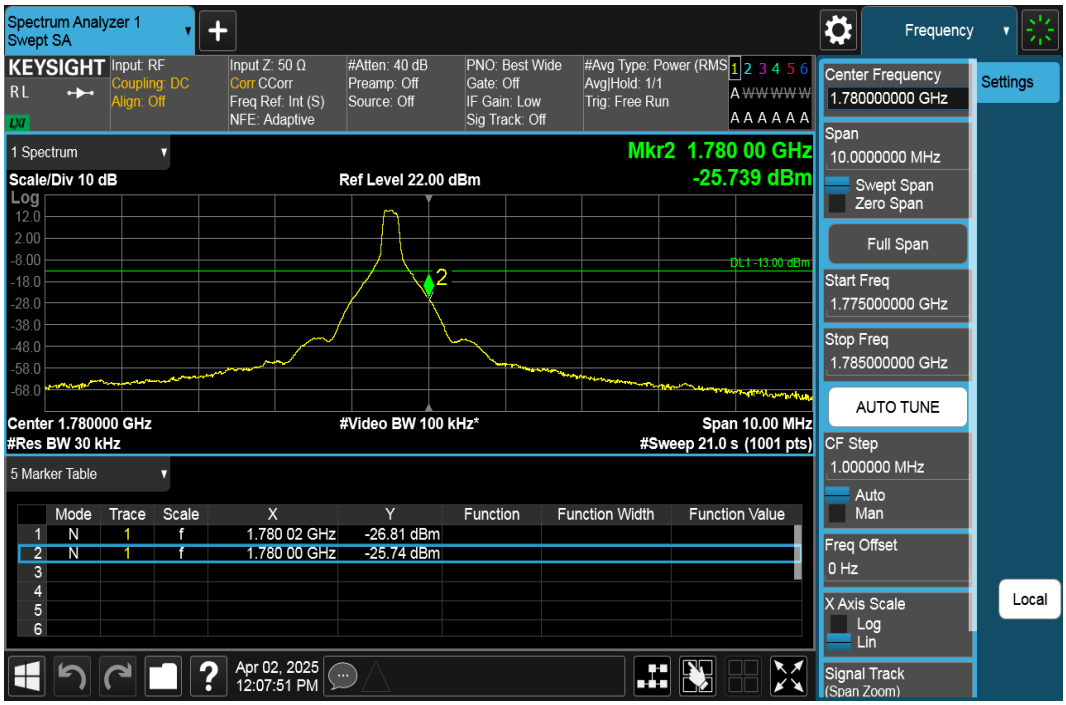

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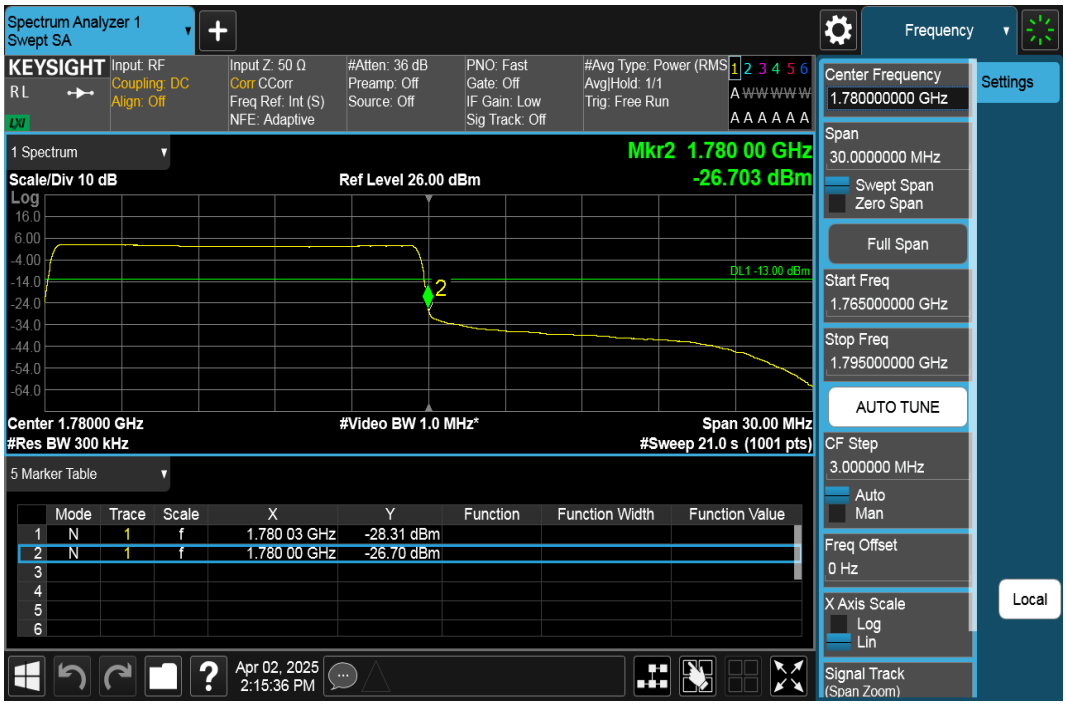

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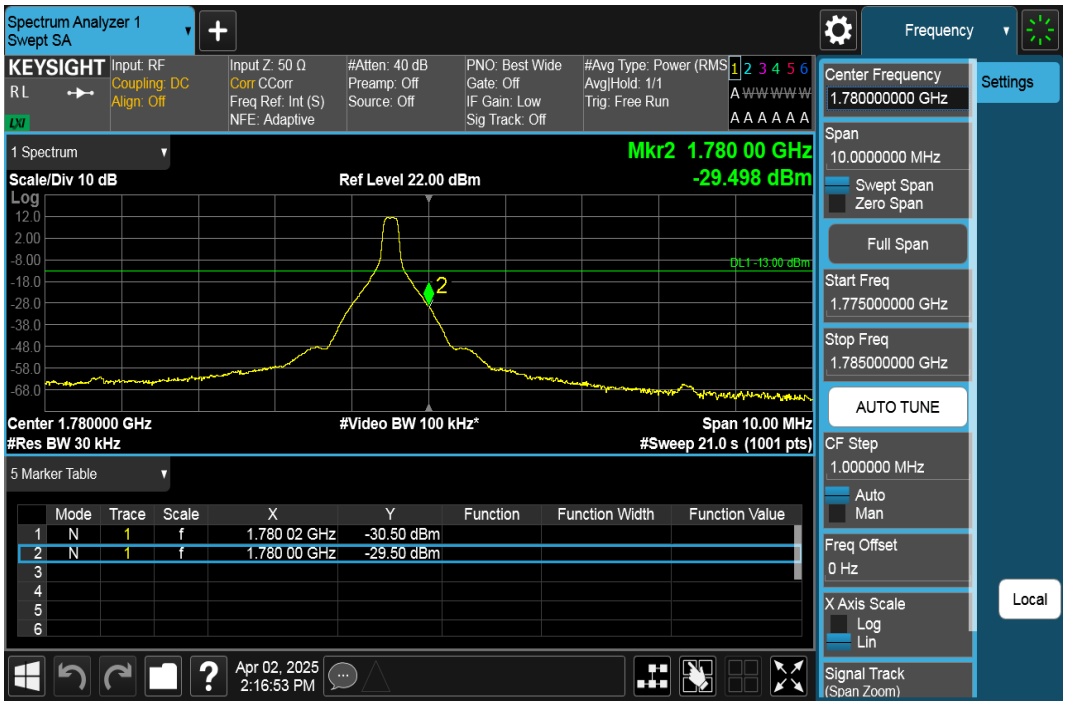

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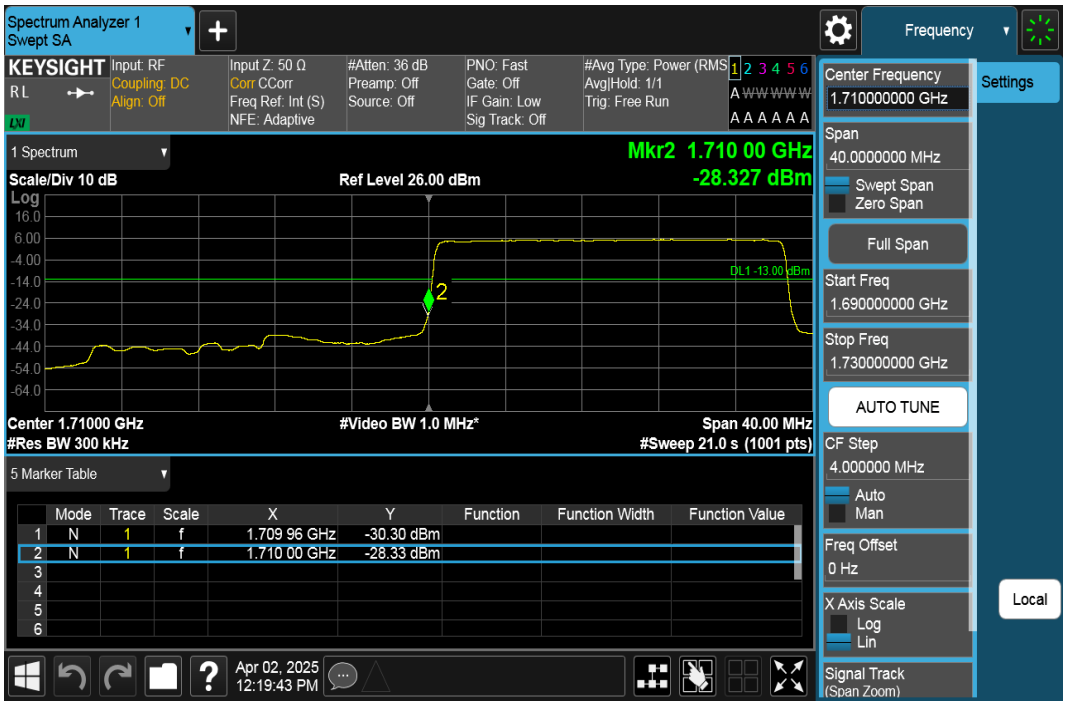

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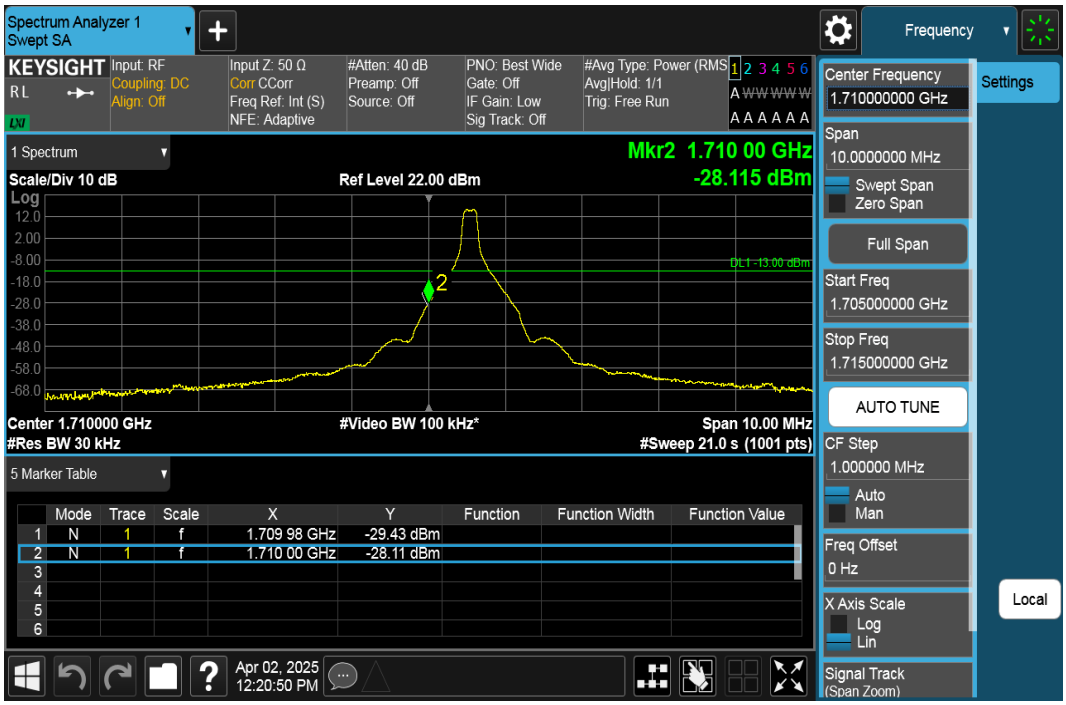

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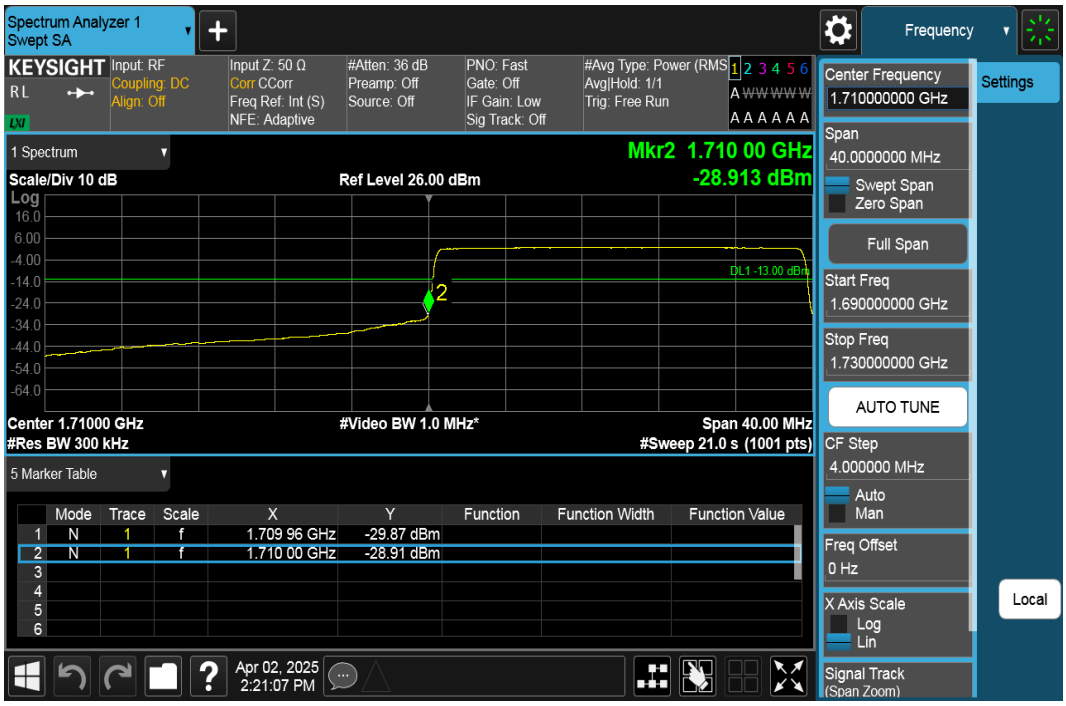
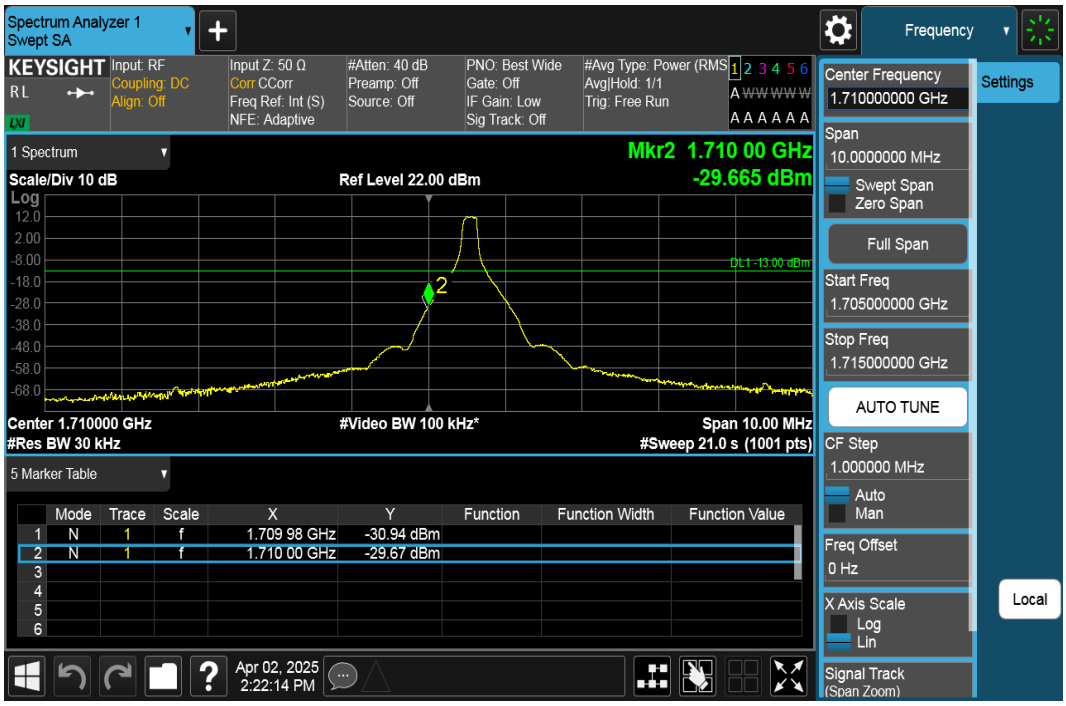
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