99% & 26dB Bandwidth

Test Result

5G NR N2 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	4.5178	5.297	/	Pass
CP-OFDM QPSK		Outer_Full	4.5246	5.223	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	4.5173	5.168	/	Pass
CP-OFDM QPSK		Outer_Full	4.5078	5.179	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.4766	5.159	/	Pass
CP-OFDM QPSK		Outer_Full	4.5161	5.249	/	Pass

5G NR N2 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	8.9398	9.64	/	Pass
CP-OFDM QPSK		Outer_Full	9.3392	10.08	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	8.9468	9.542	/	Pass
CP-OFDM QPSK		Outer_Full	9.3385	10.16	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.9601	9.814	/	Pass
CP-OFDM QPSK		Outer_Full	9.3278	10.07	/	Pass

5G NR N2 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	13.499	14.41	/	Pass
CP-OFDM QPSK		Outer_Full	14.147	15.03	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	13.532	14.55	/	Pass
CP-OFDM QPSK		Outer_Full	14.143	15.15	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	13.523	14.5	/	Pass
CP-OFDM QPSK		Outer_Full	14.155	15.1	/	Pass

5G NR N2 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	17.942	18.92	/	Pass
CP-OFDM QPSK		Outer_Full	18.911	19.9	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	17.924	18.76	/	Pass
CP-OFDM QPSK		Outer_Full	18.976	19.89	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.946	18.93	/	Pass
CP-OFDM QPSK		Outer_Full	18.977	19.94	/	Pass

Peak-Average Ratio

Test Result

5G NR N2 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.3	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.92	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.37	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.3	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.28	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.2	<=13	Pass

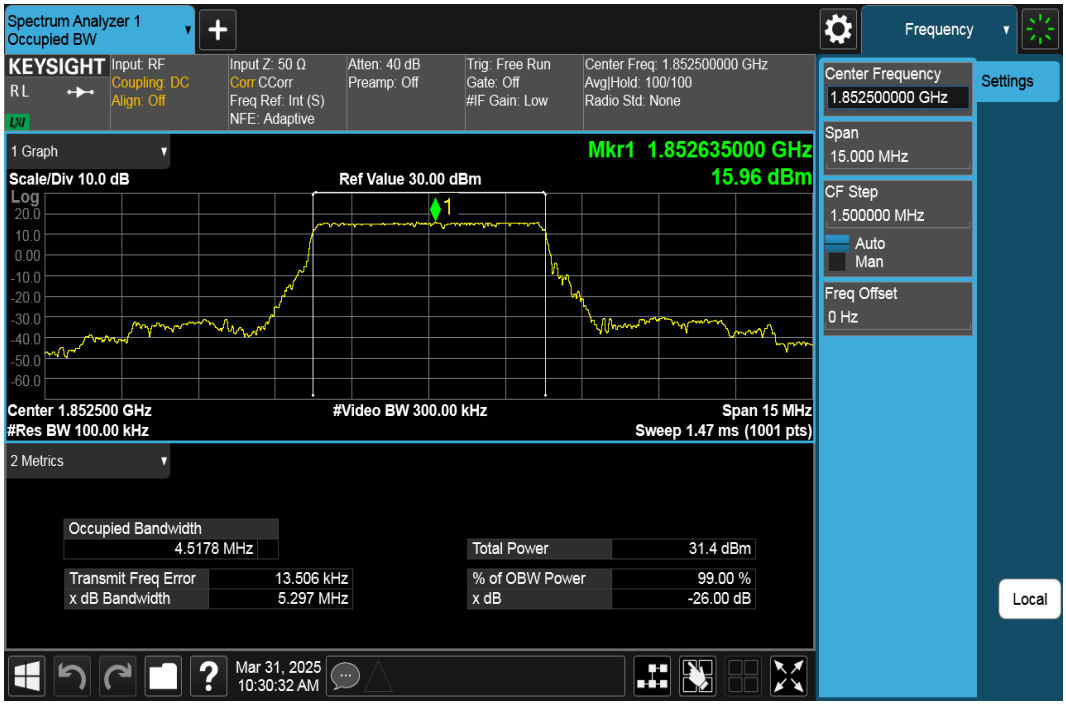
5G NR N2 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	7.2	<=13	Pass
CP-OFDM QPSK		Outer_Full	4.58	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	7.41	<=13	Pass
CP-OFDM QPSK		Outer_Full	4.42	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	7.46	<=13	Pass
CP-OFDM QPSK		Outer_Full	4.43	<=13	Pass

5G NR N2 SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.6	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.92	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.54	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.57	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.46	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.4	<=13	Pass

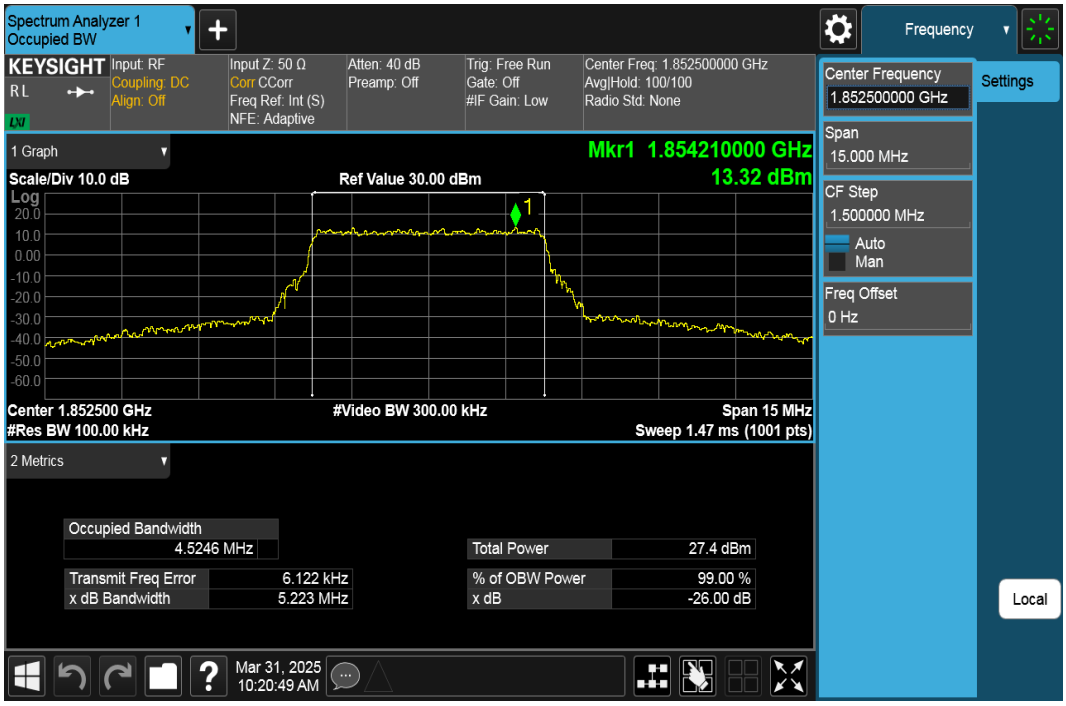
5G NR N2 SCS=15kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.4	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.17	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.6	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.32	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.53	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.65	<=13	Pass

OBW Test Graph

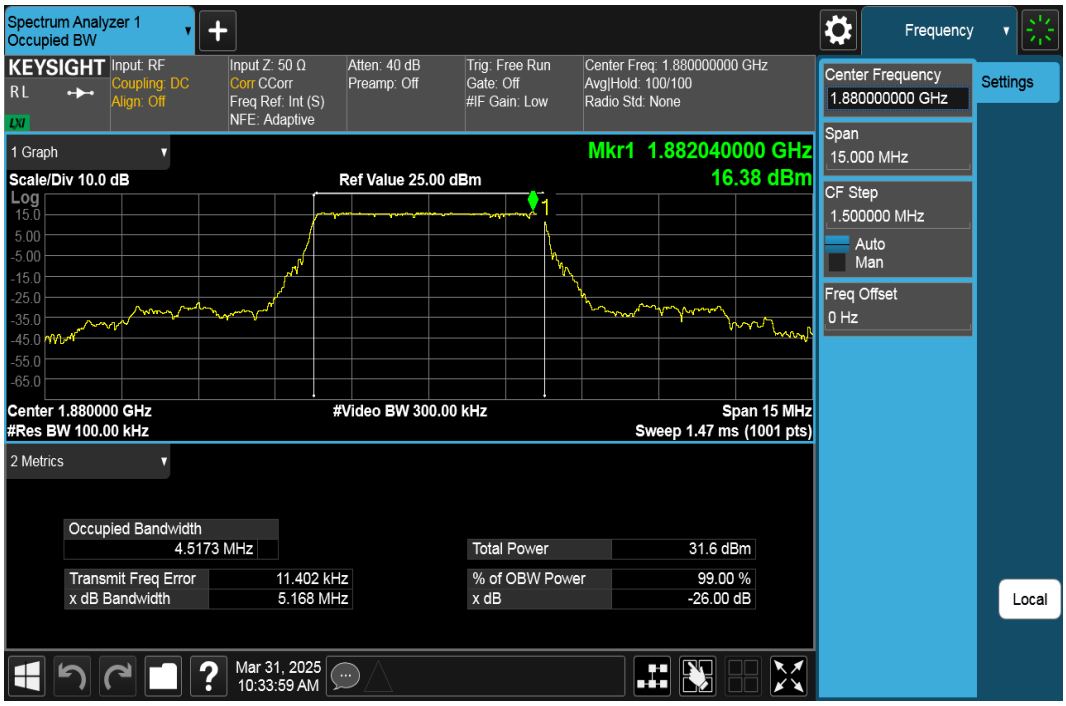
N2-5M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



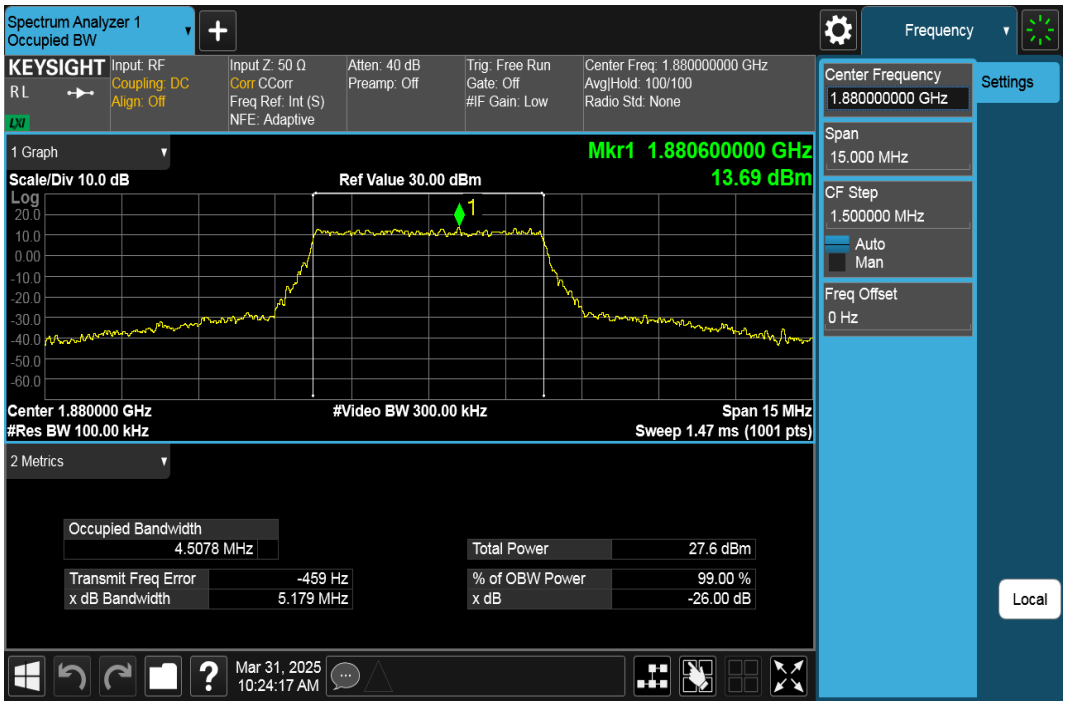
N2-5M-OBW-LCH-CP-OFDM-QPSK-Outer_Full



N2-5M-OBW-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N2-5M-OBW-MCH-CP-OFDM-QPSK-Outer_Full



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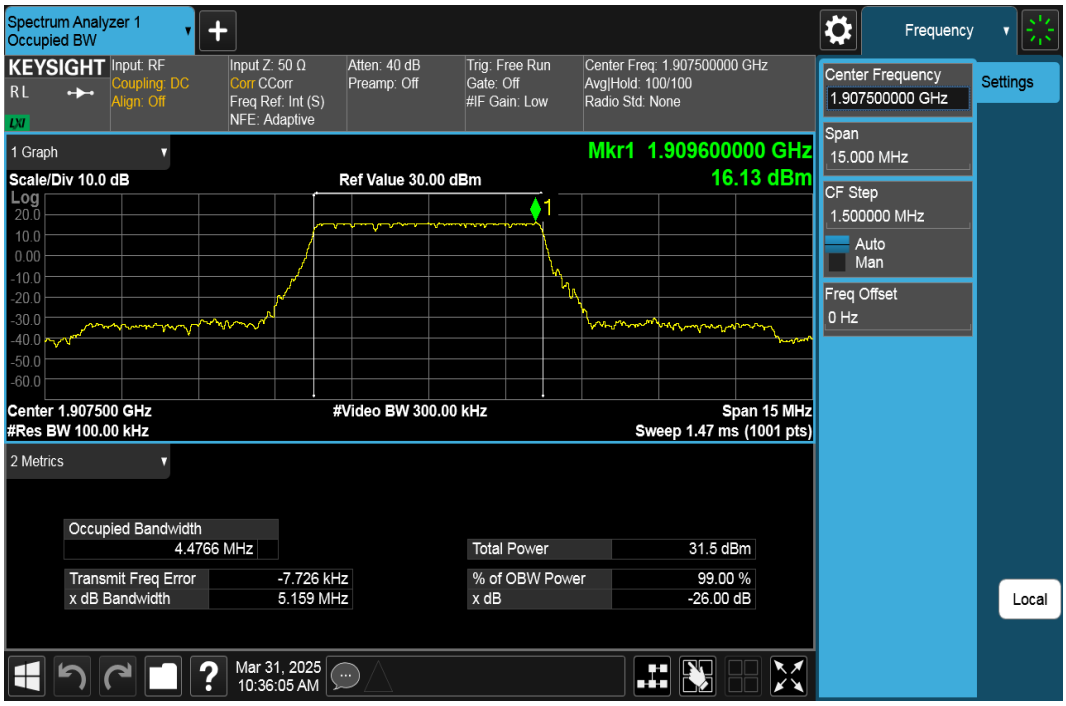

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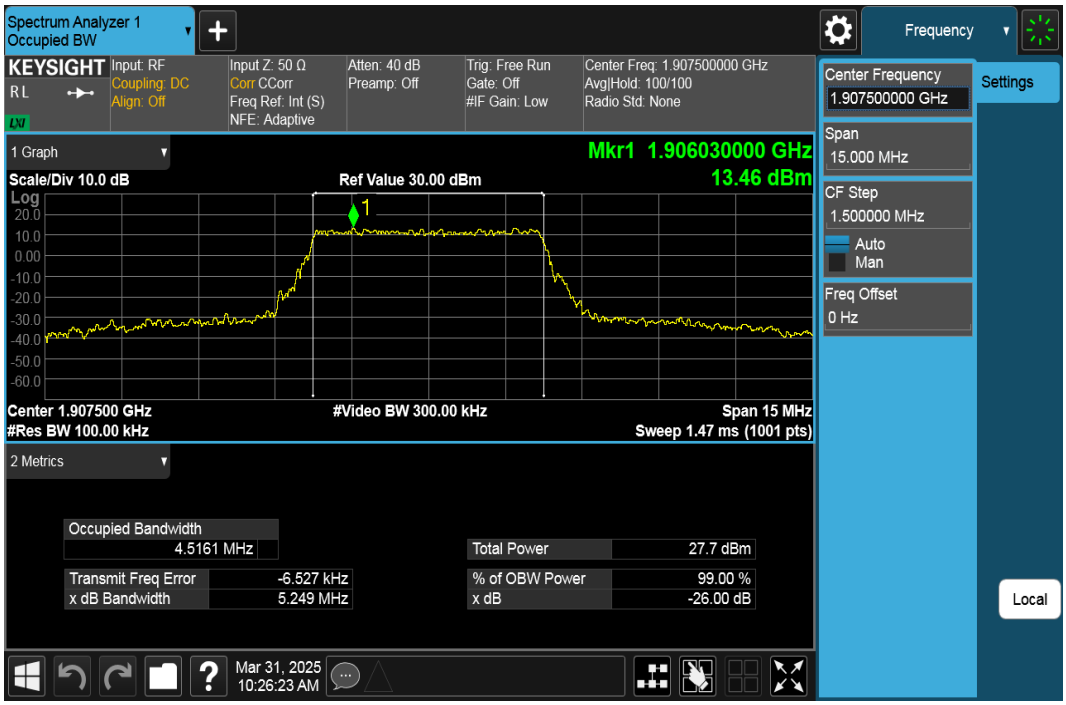
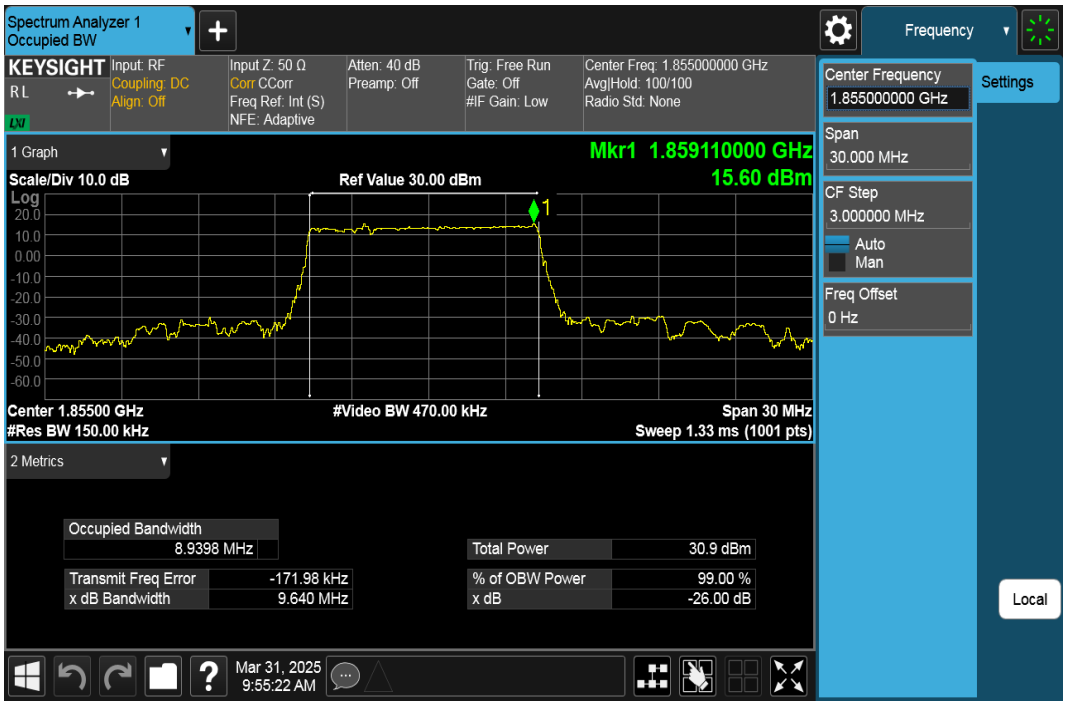


N2-10M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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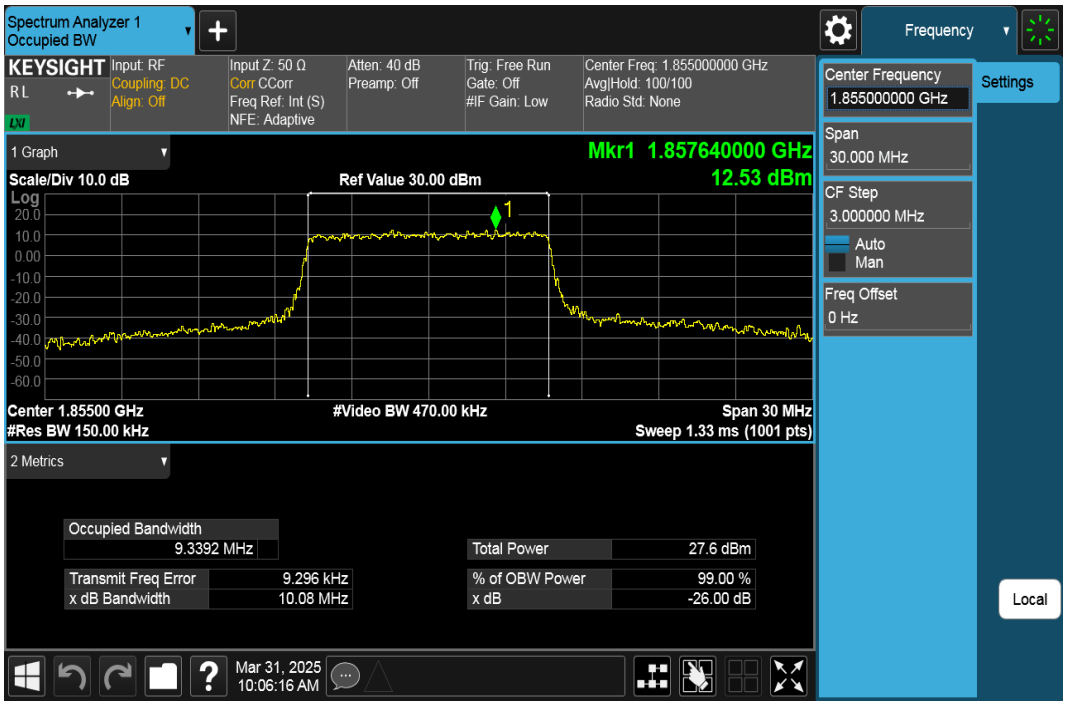

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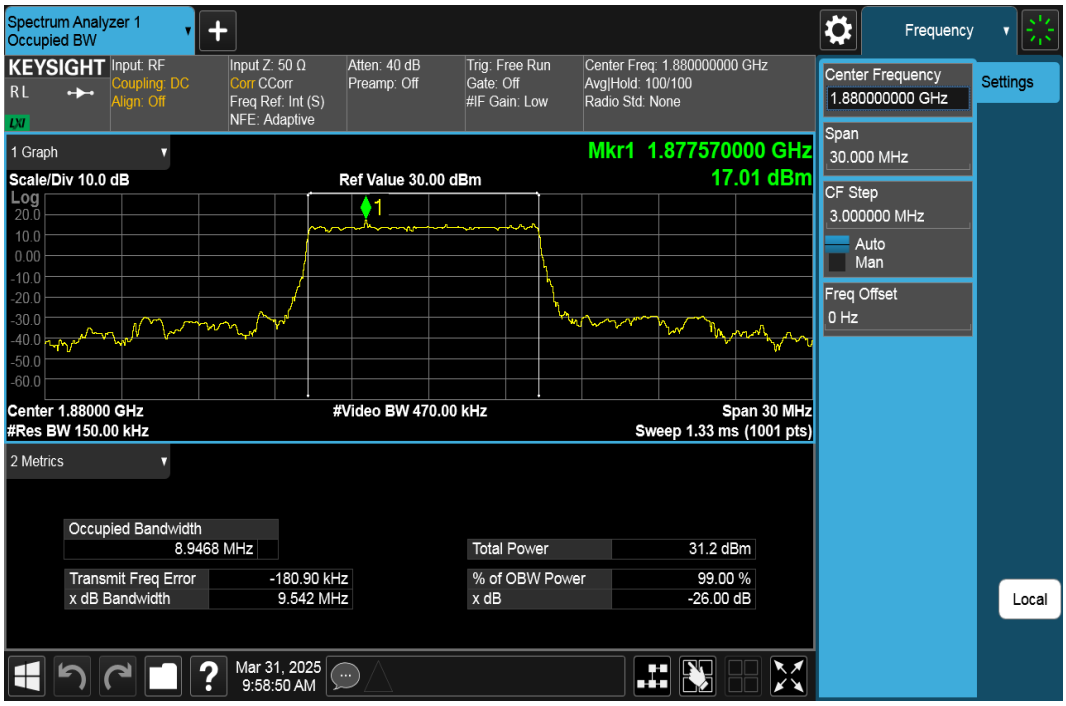

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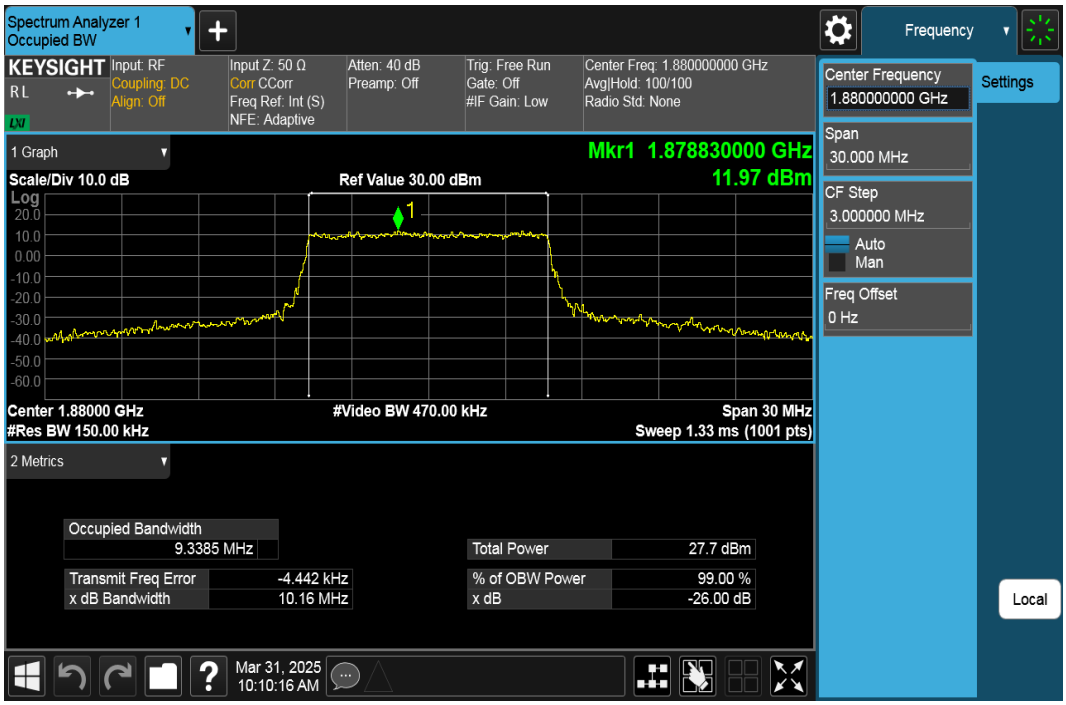

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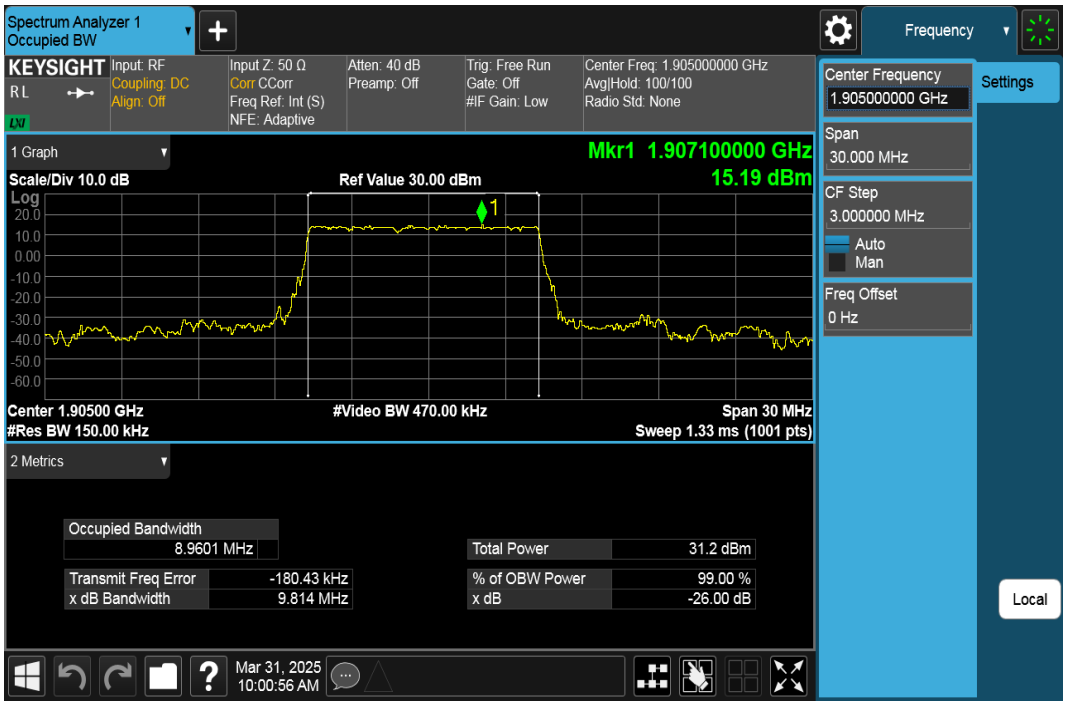

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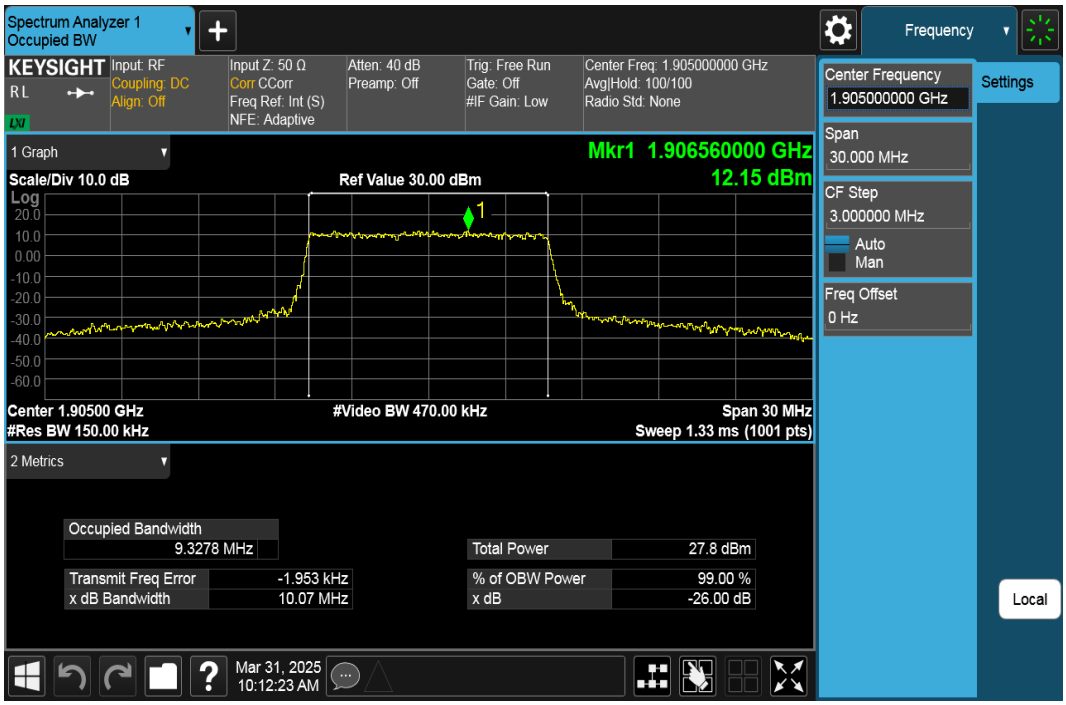

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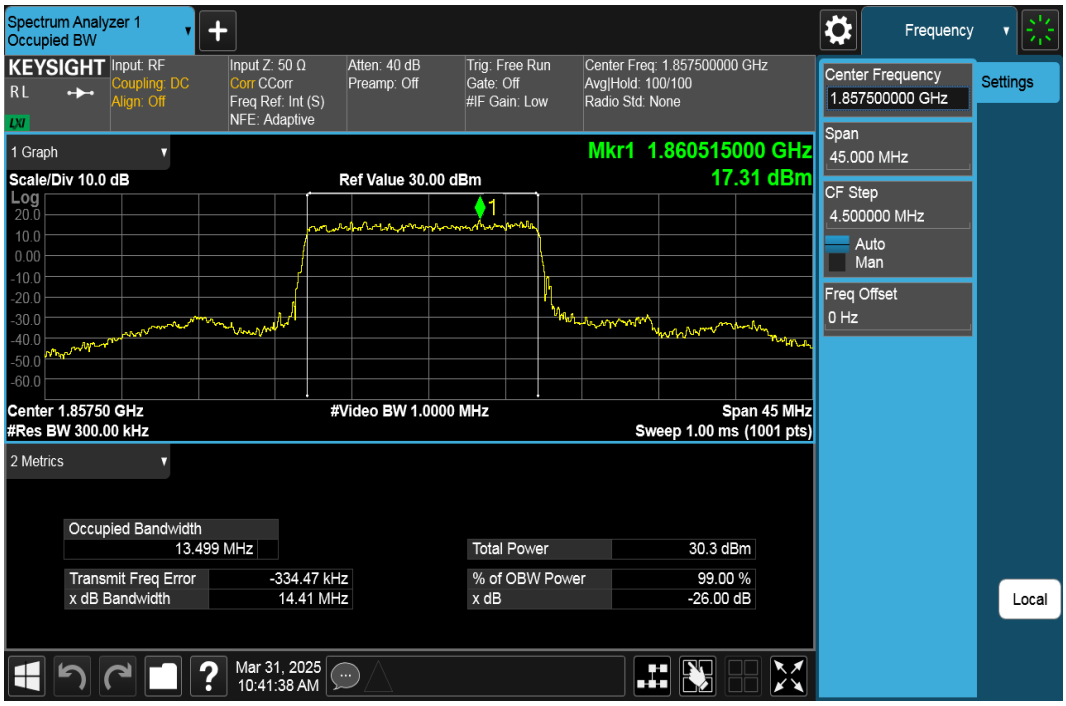

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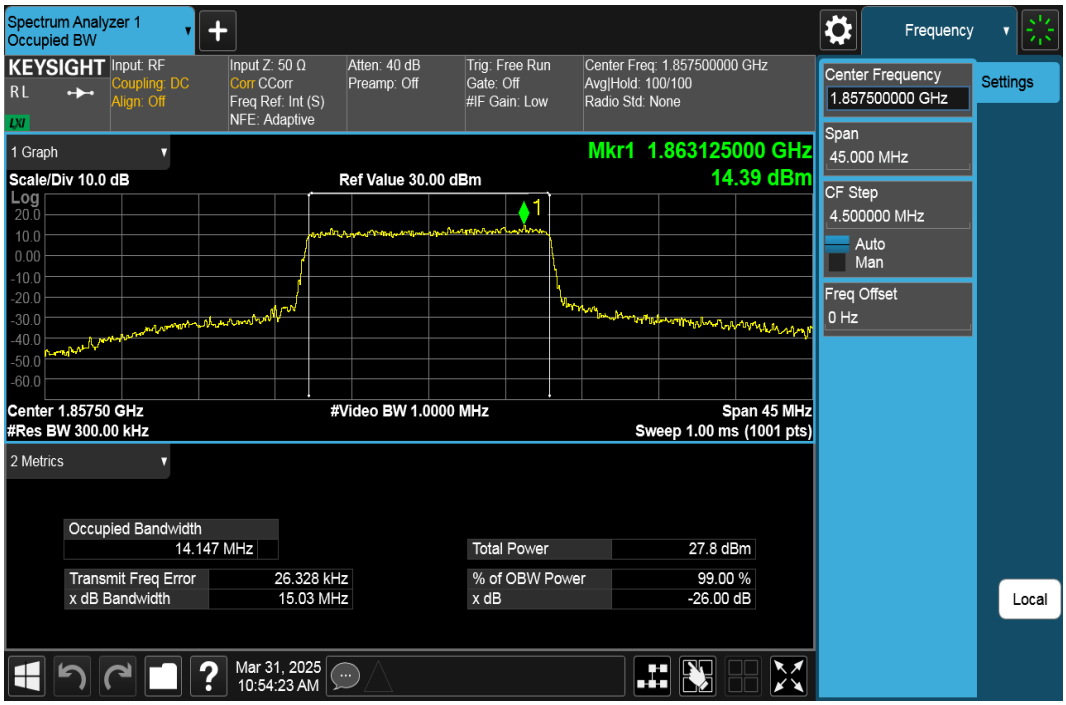

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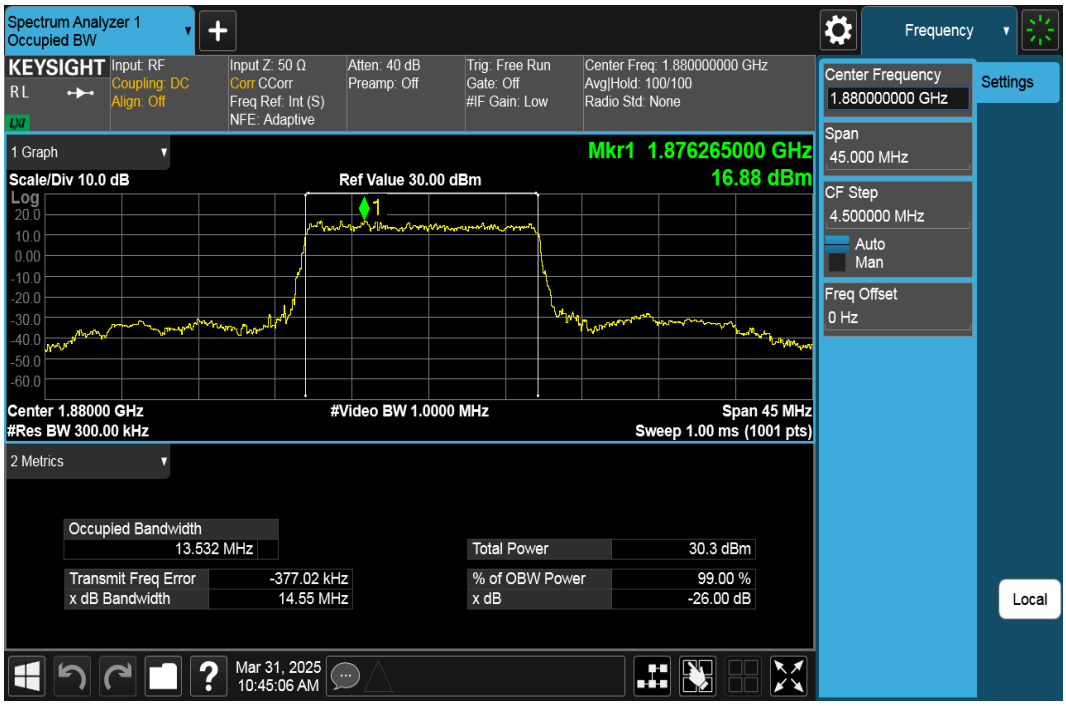

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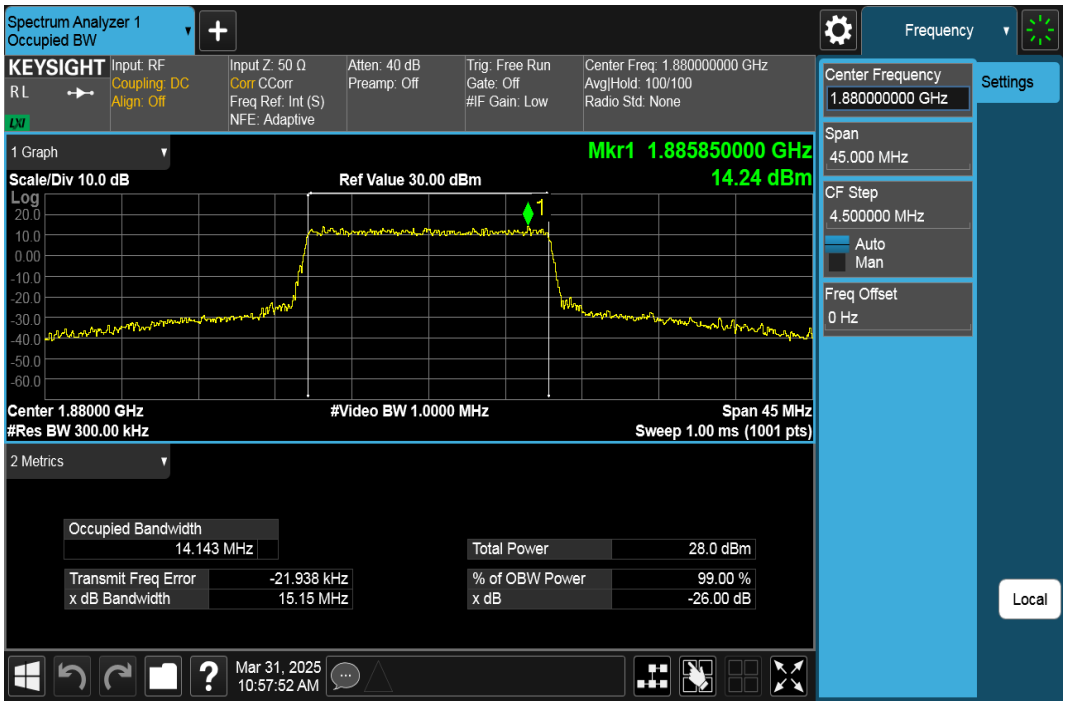
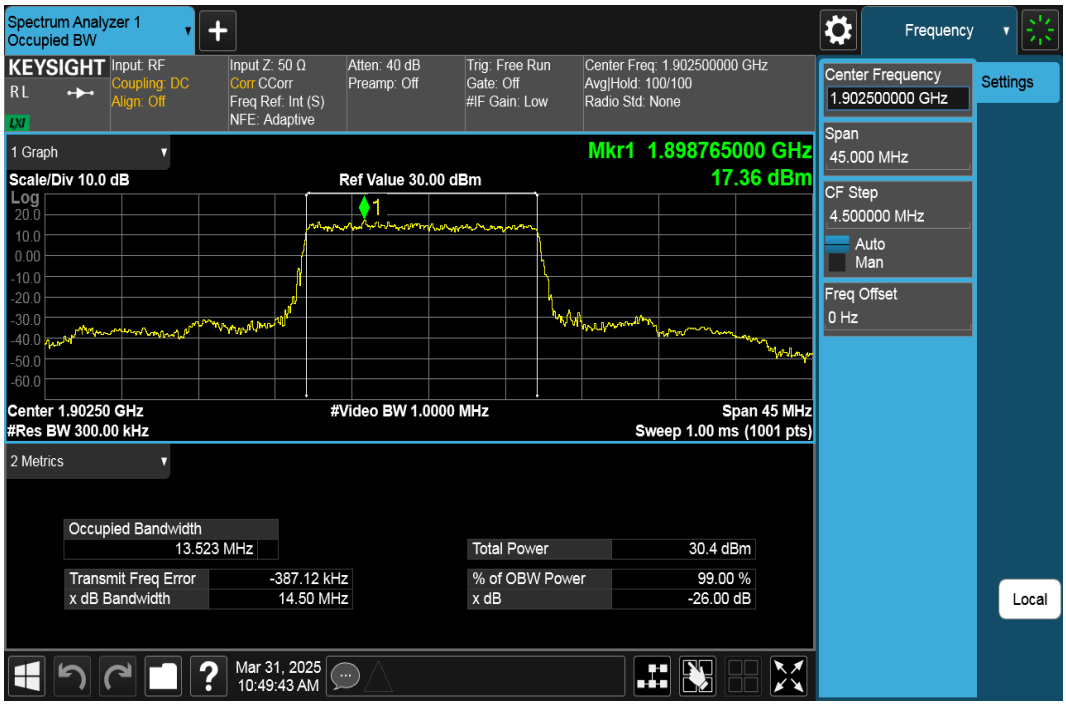


N2-15M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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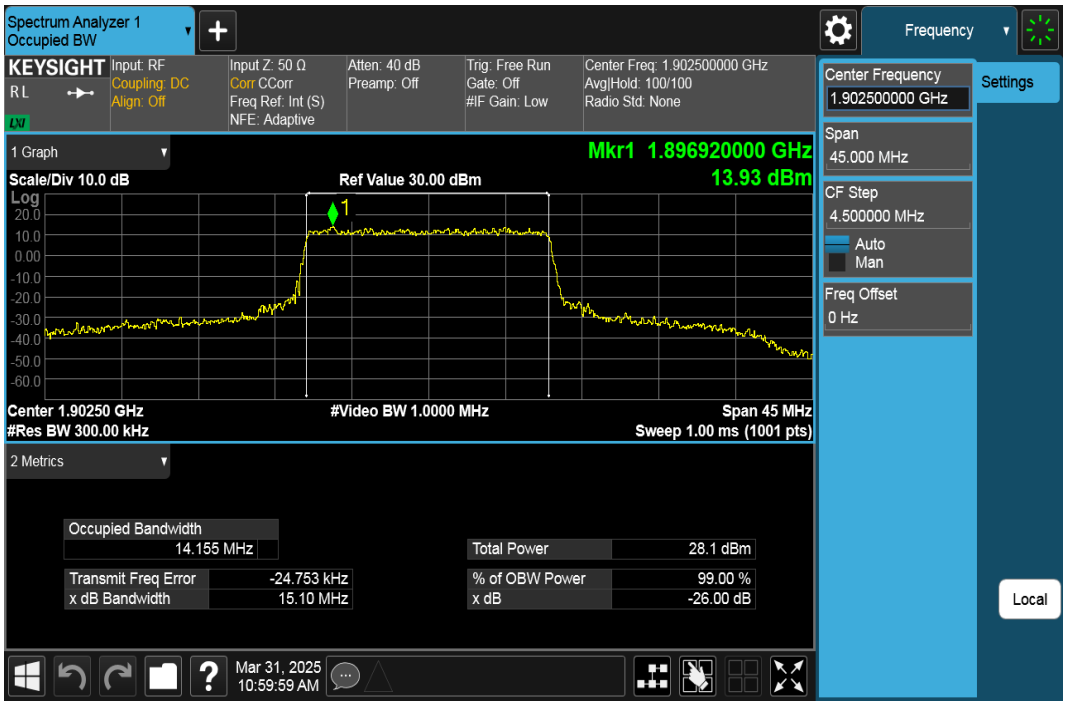
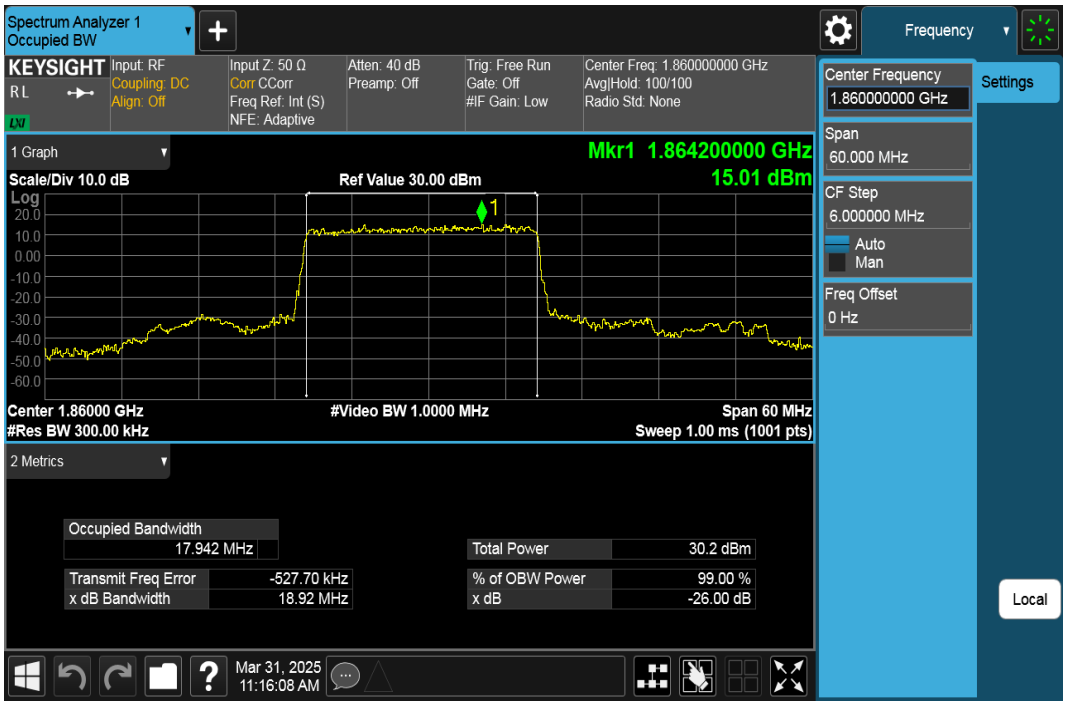


N2-20M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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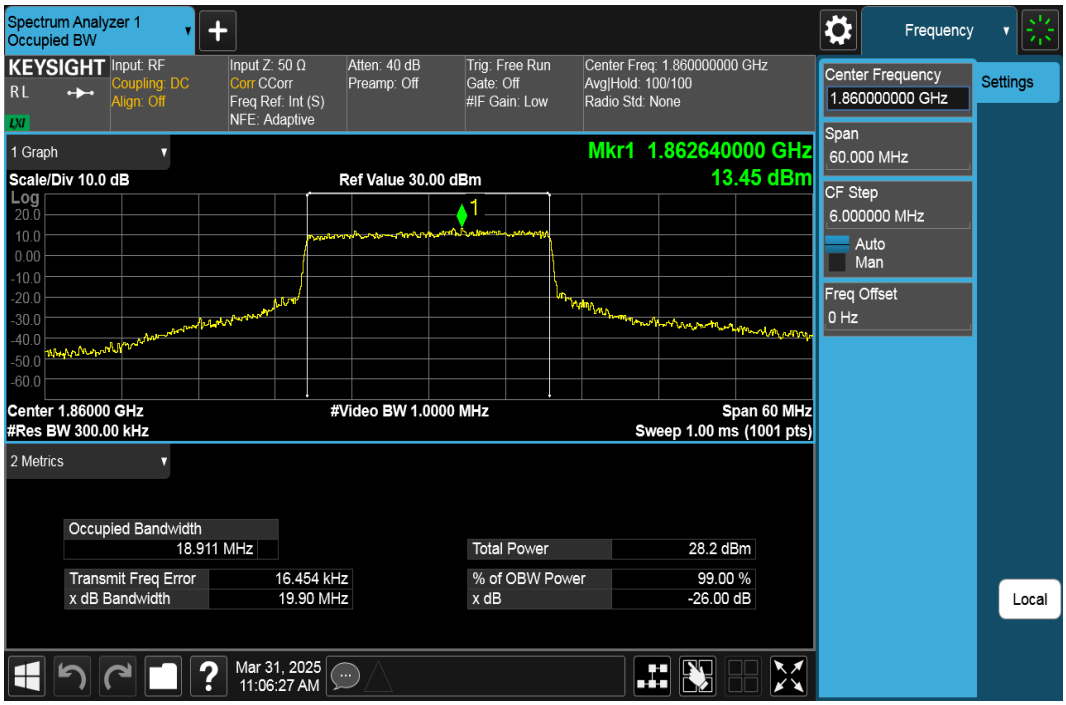
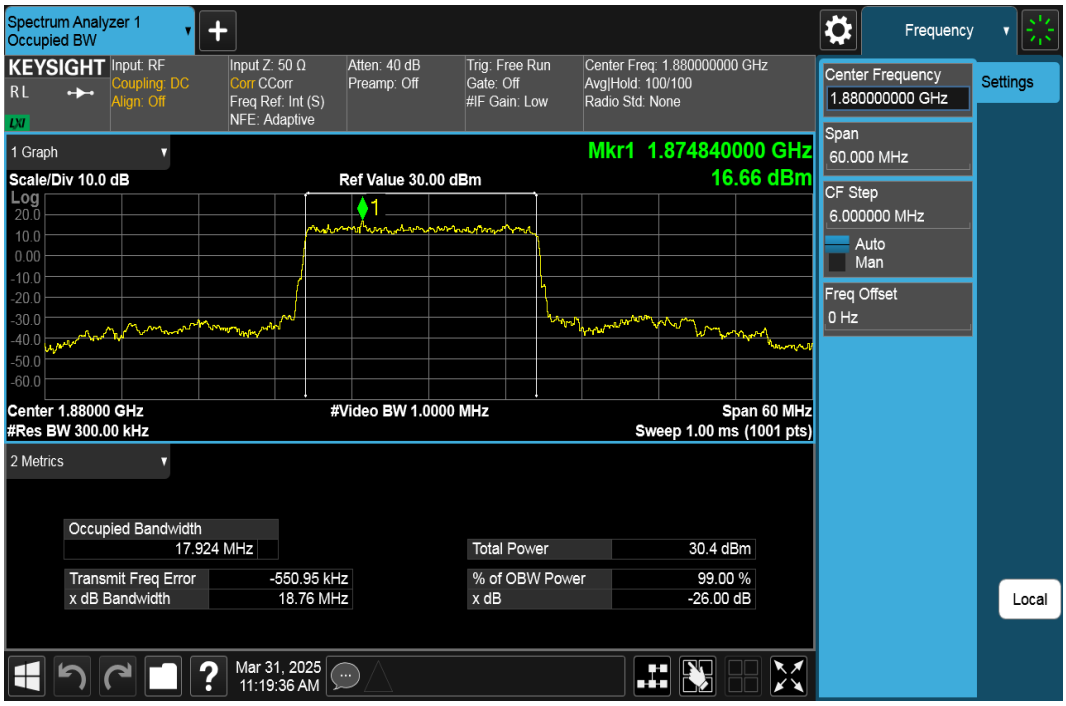


N2-20M-OBW-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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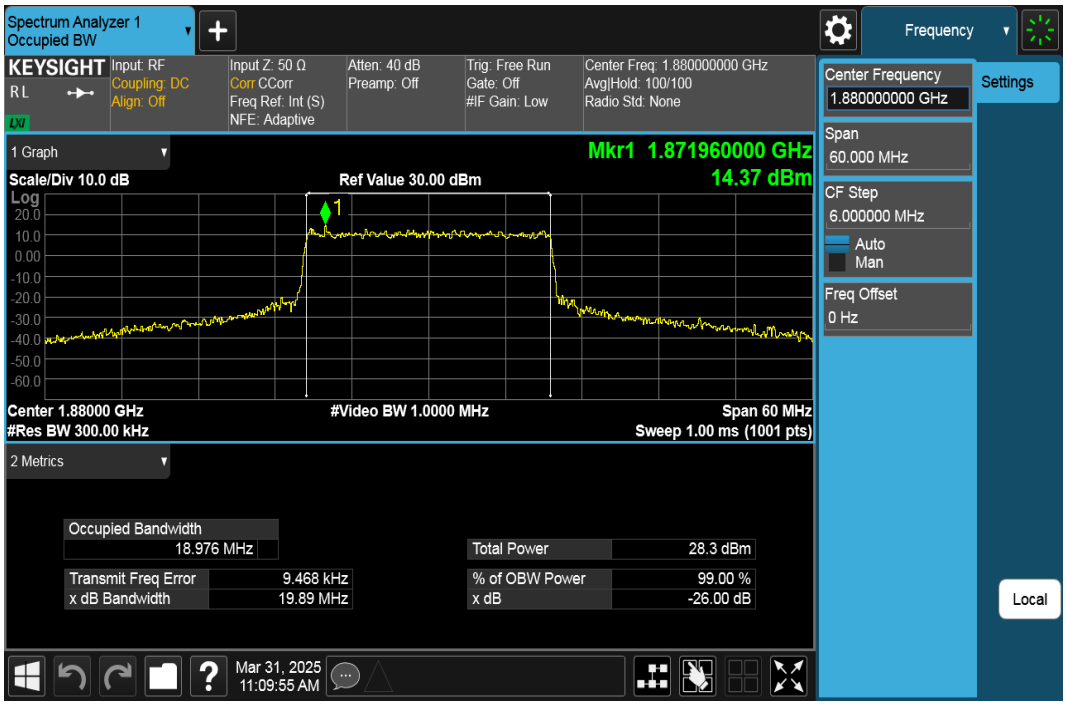

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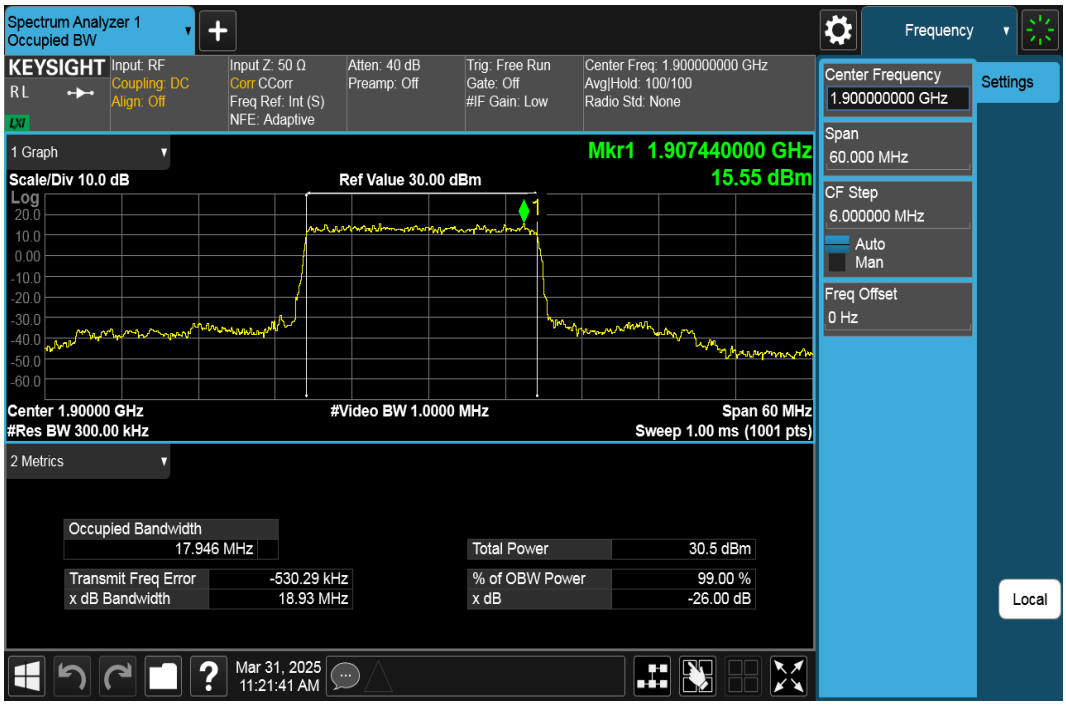
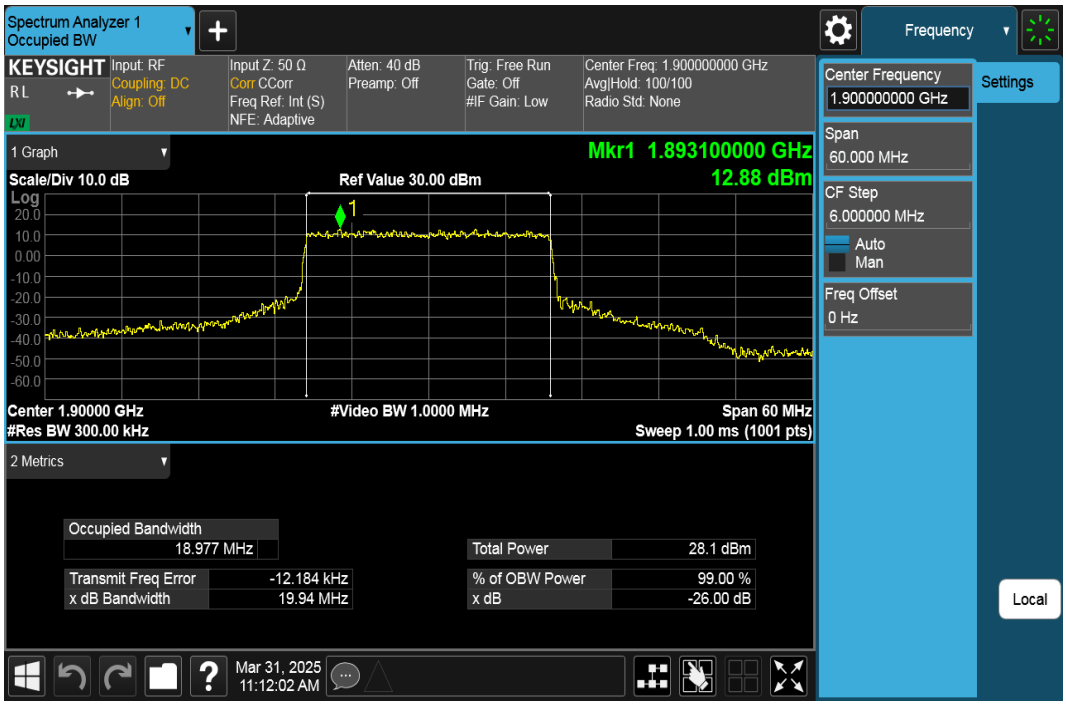
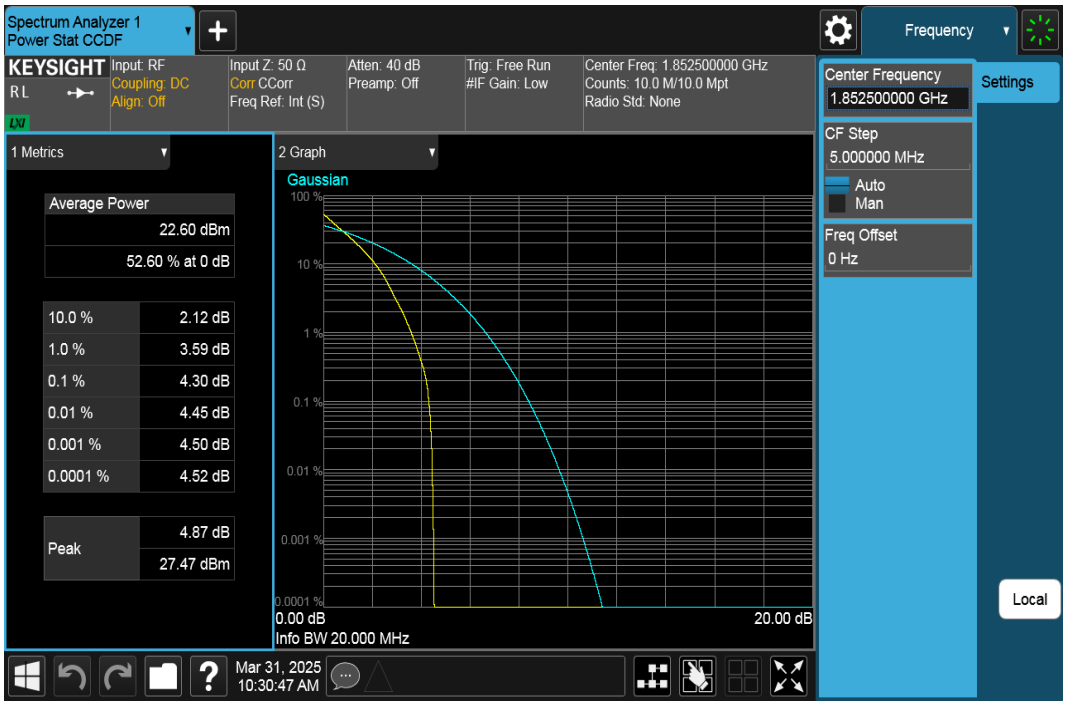


N2-20M-OBW-HCH-CP-OFDM-QPSK-Outer_Full

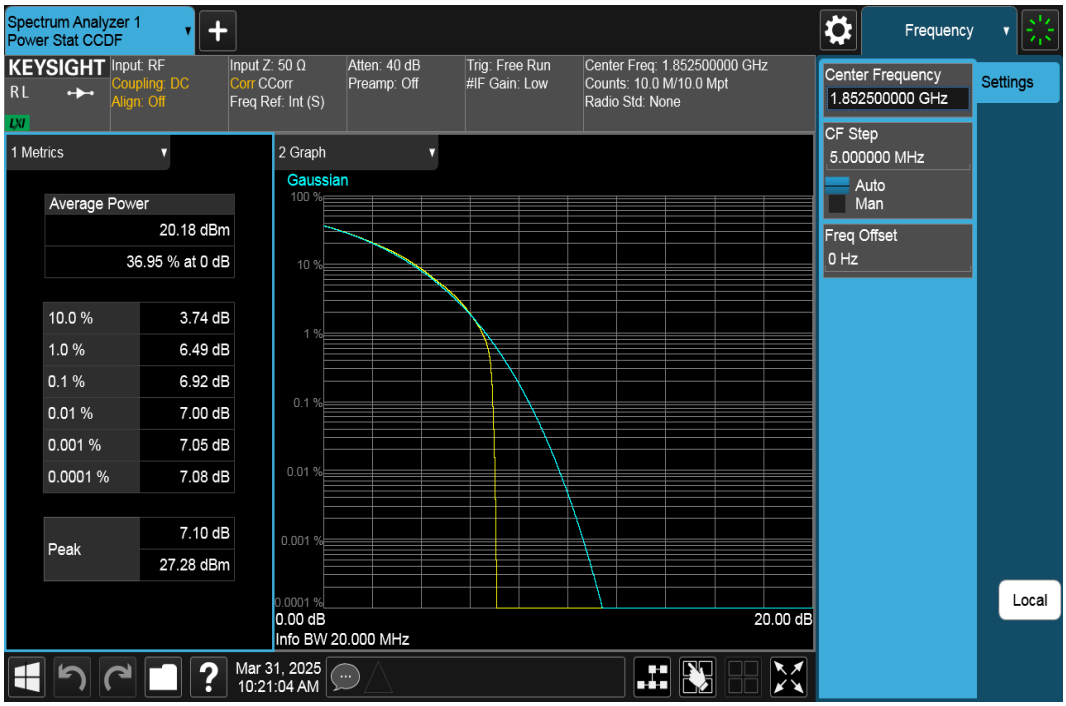


PAPR Test graph

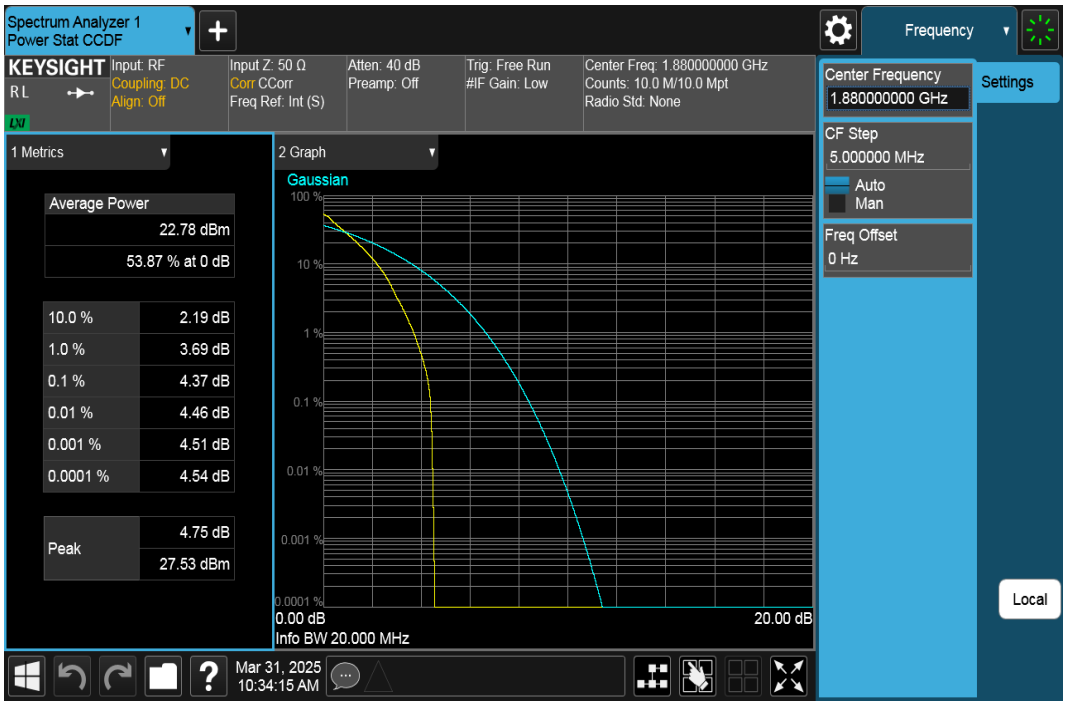
N2-5M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



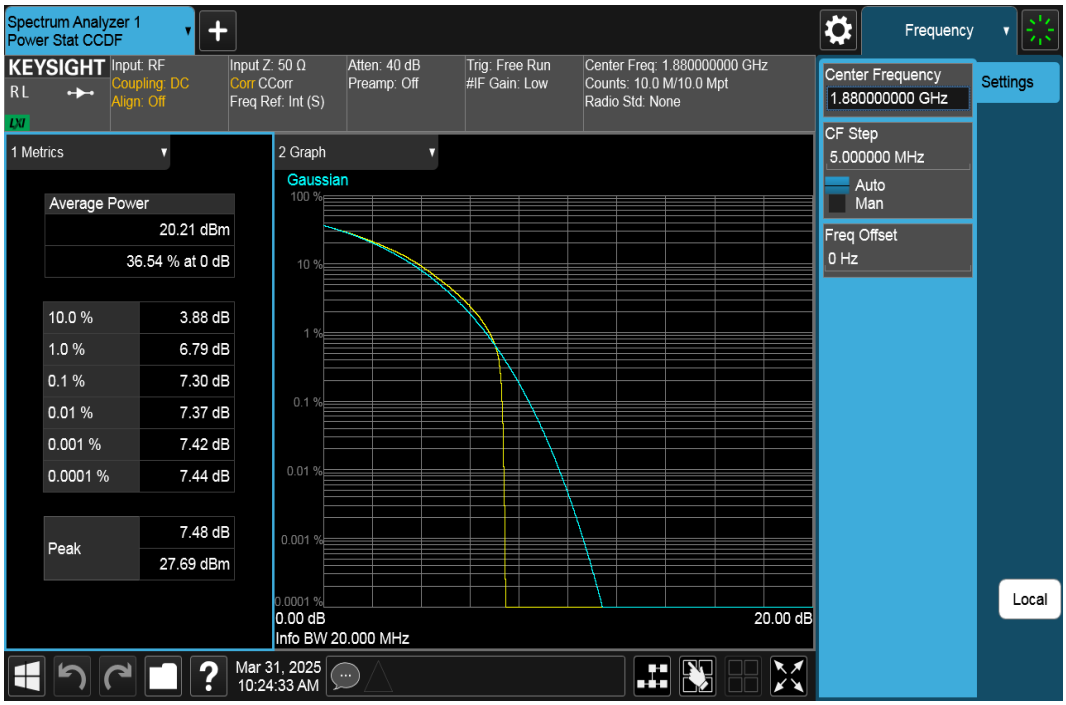
N2-5M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



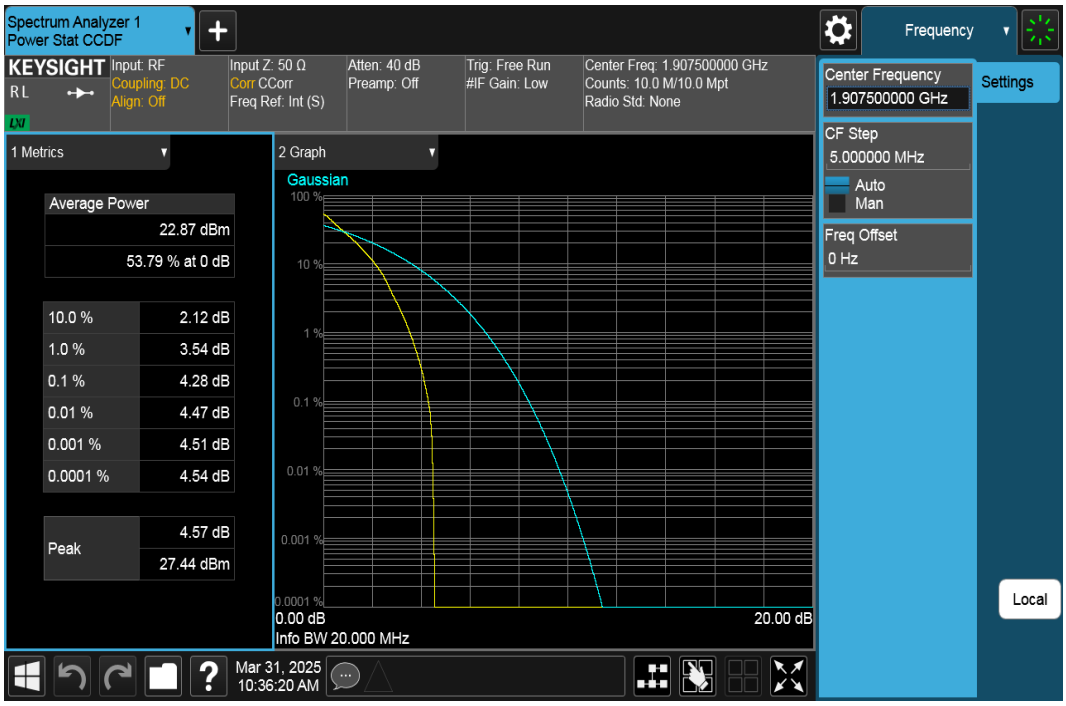
N2-5M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



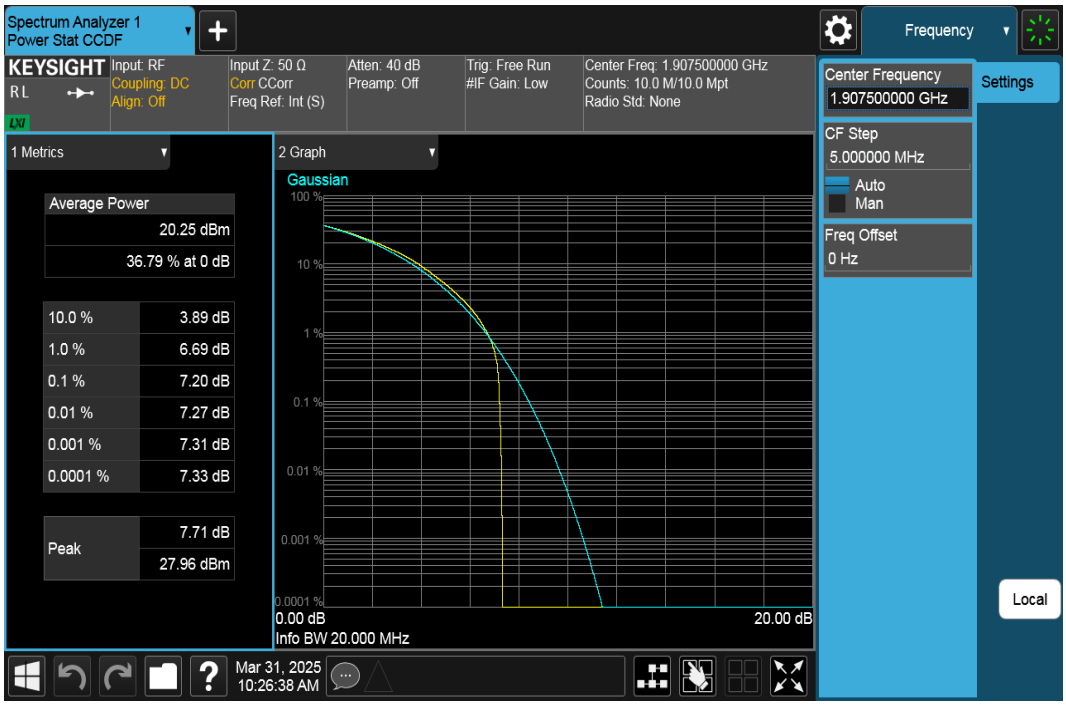
N2-5M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N2-5M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

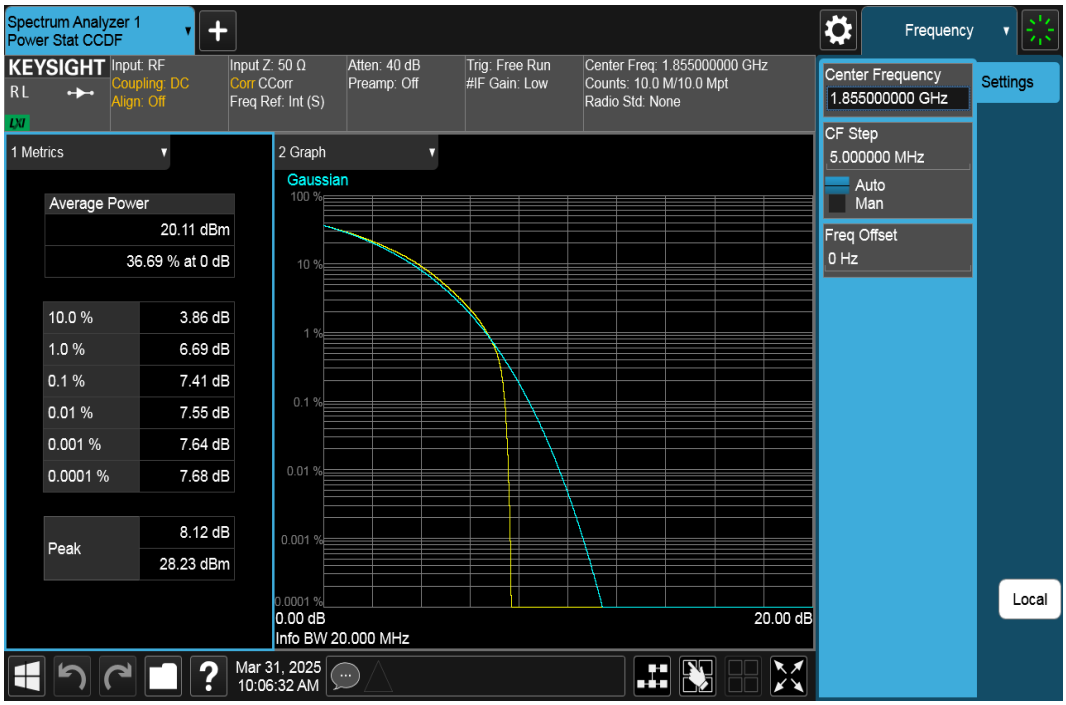


N2-5M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full



N2-10M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N2-10M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



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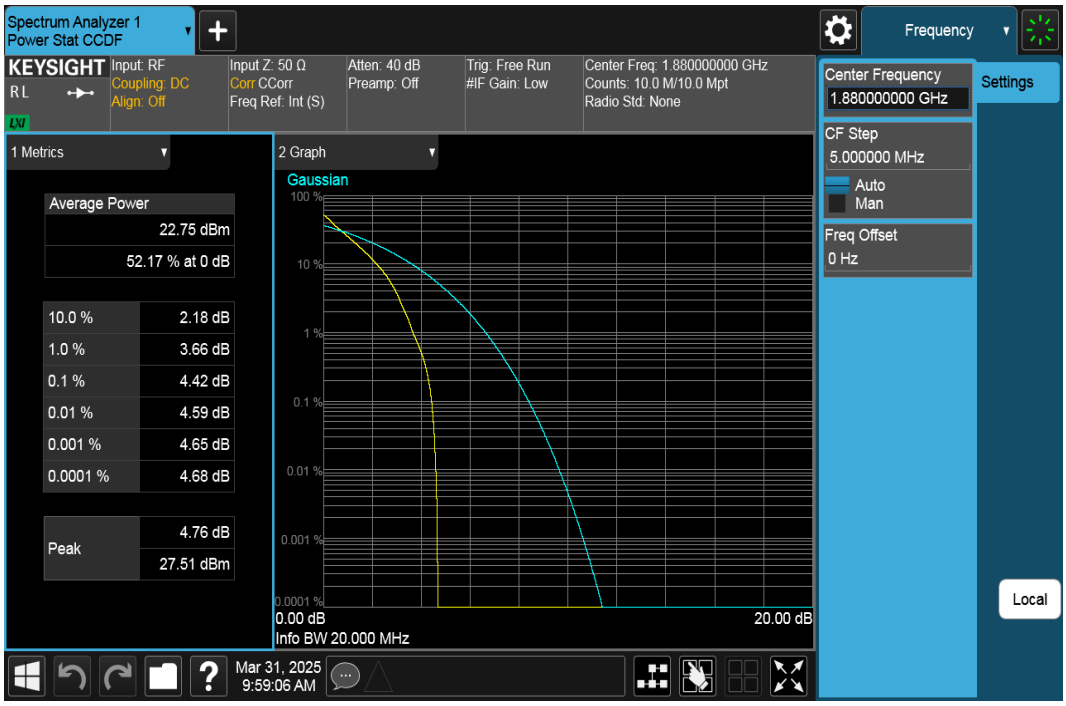
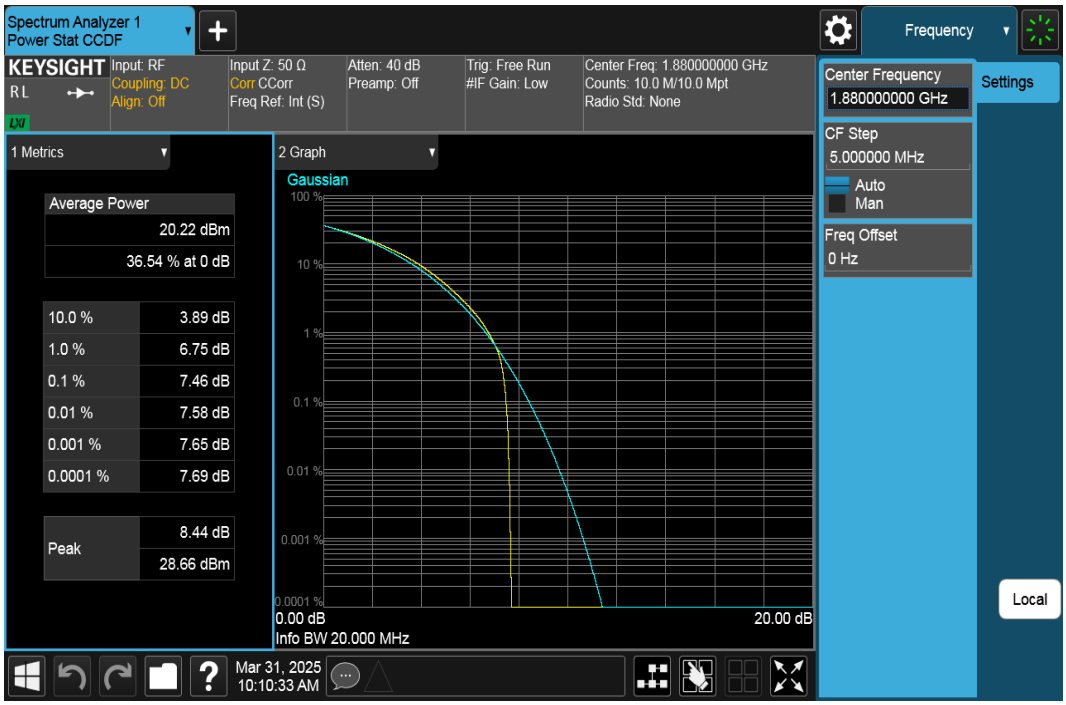
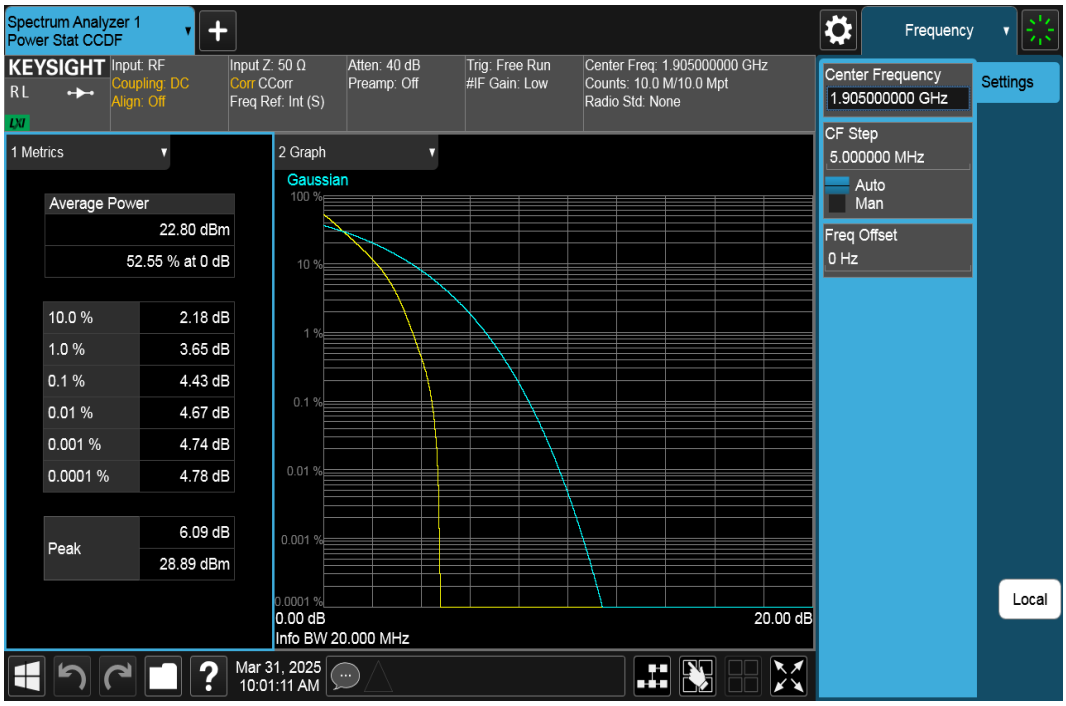


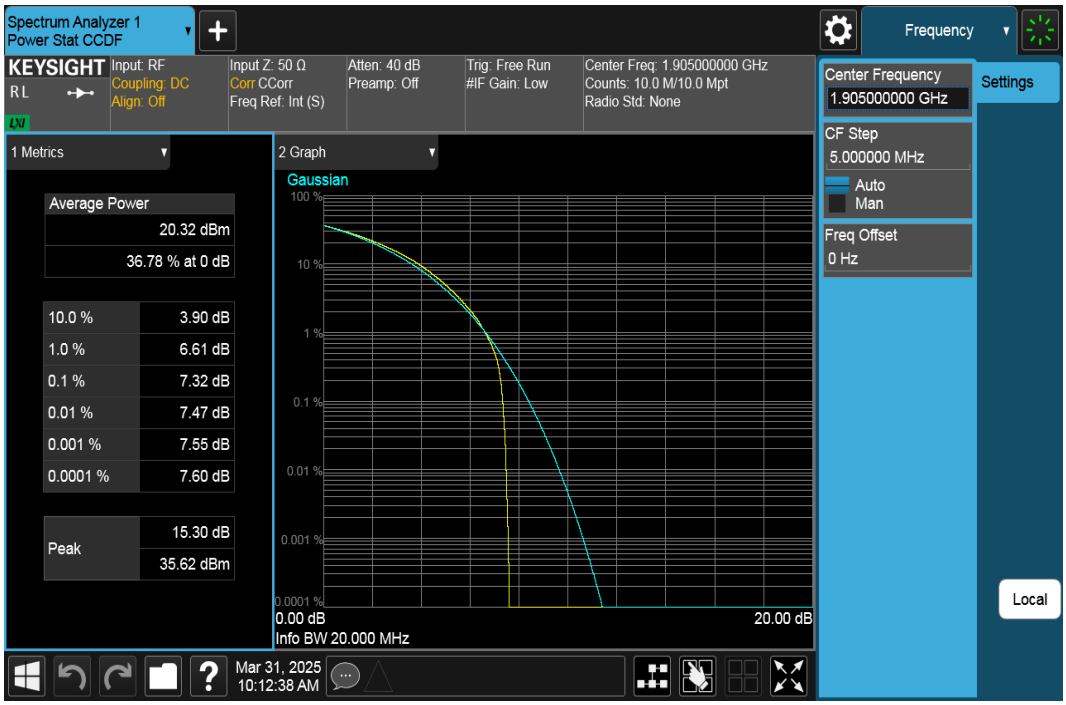
N2-10M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N2-10M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

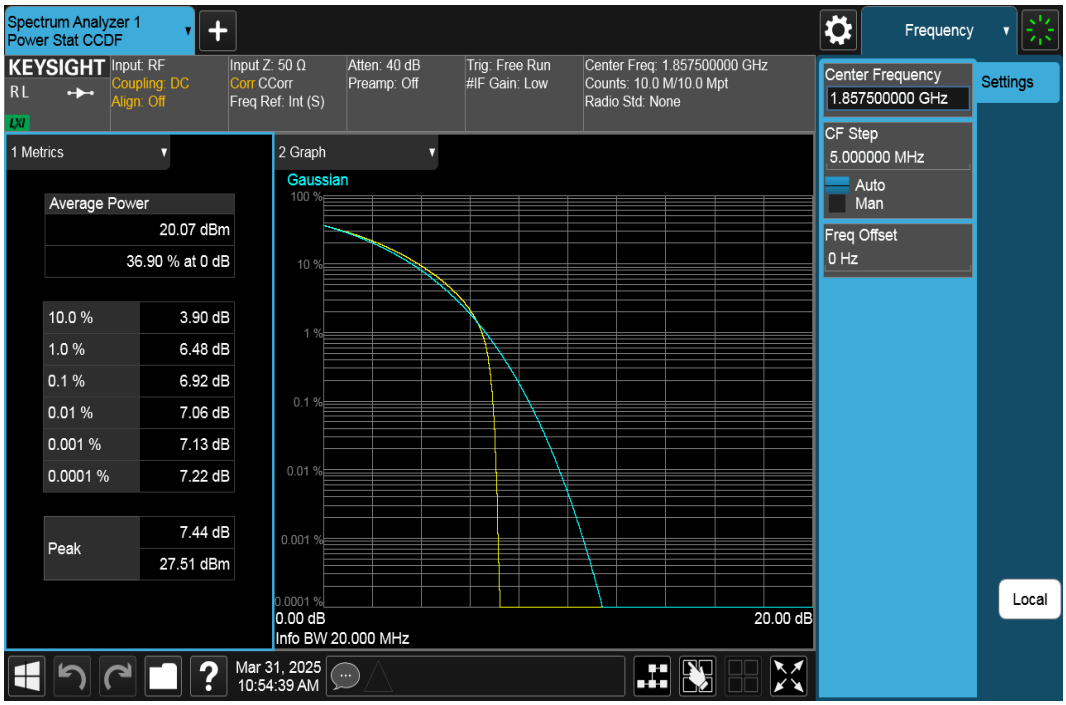


N2-10M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full

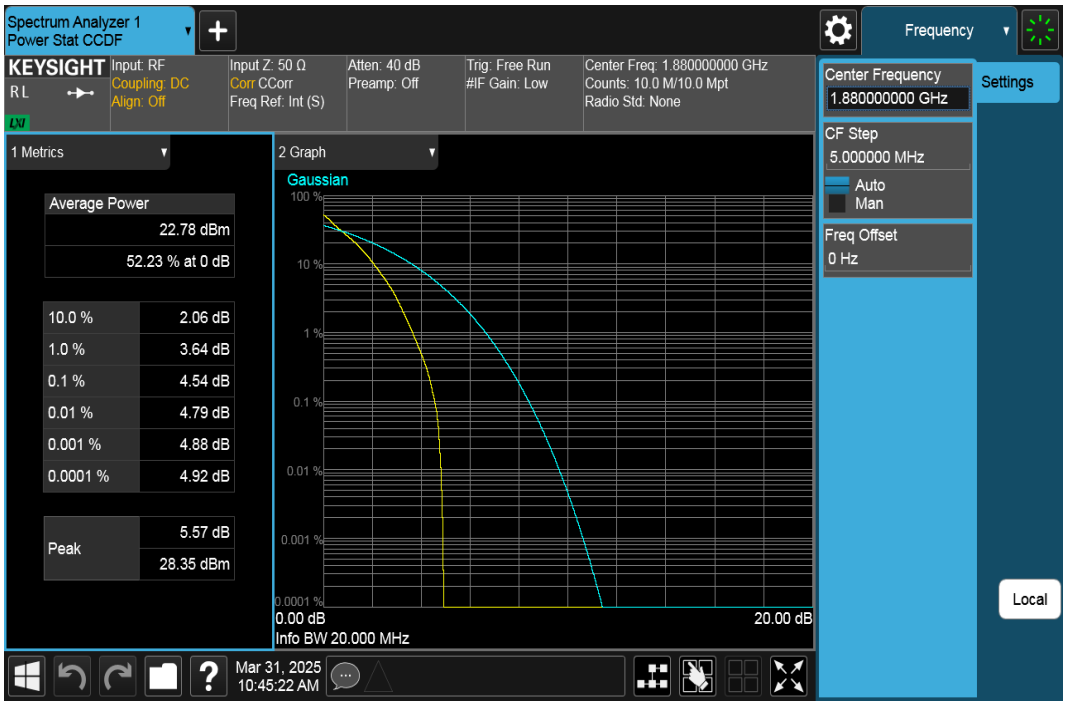


N2-15M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

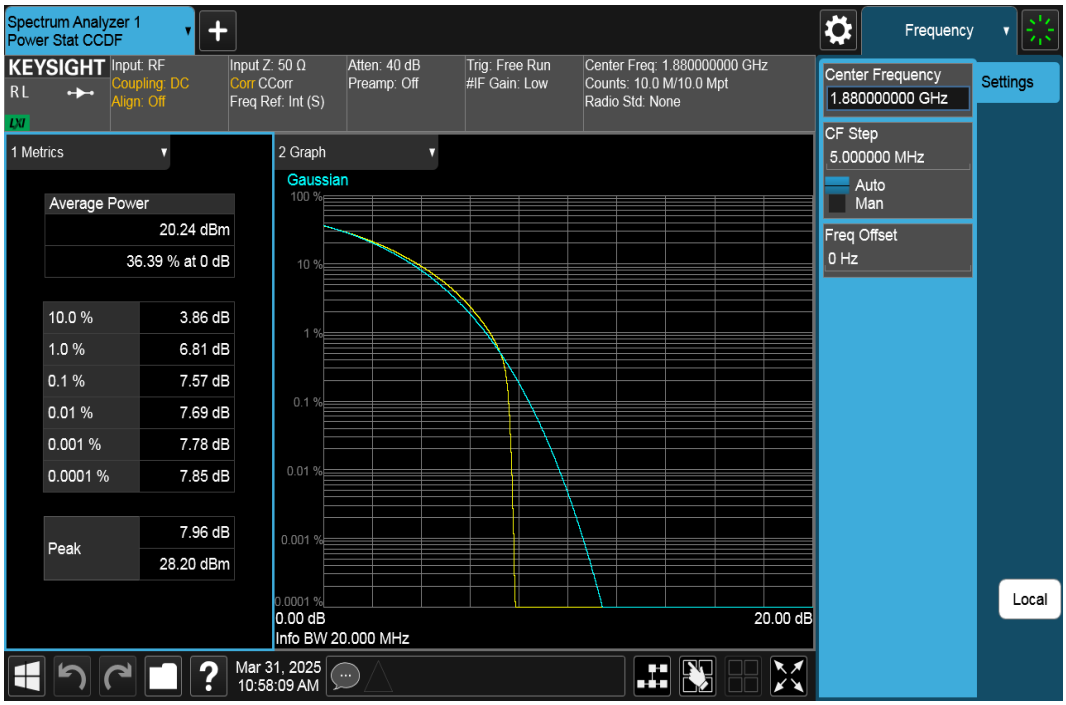
N2-15M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N2-15M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N2-15M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



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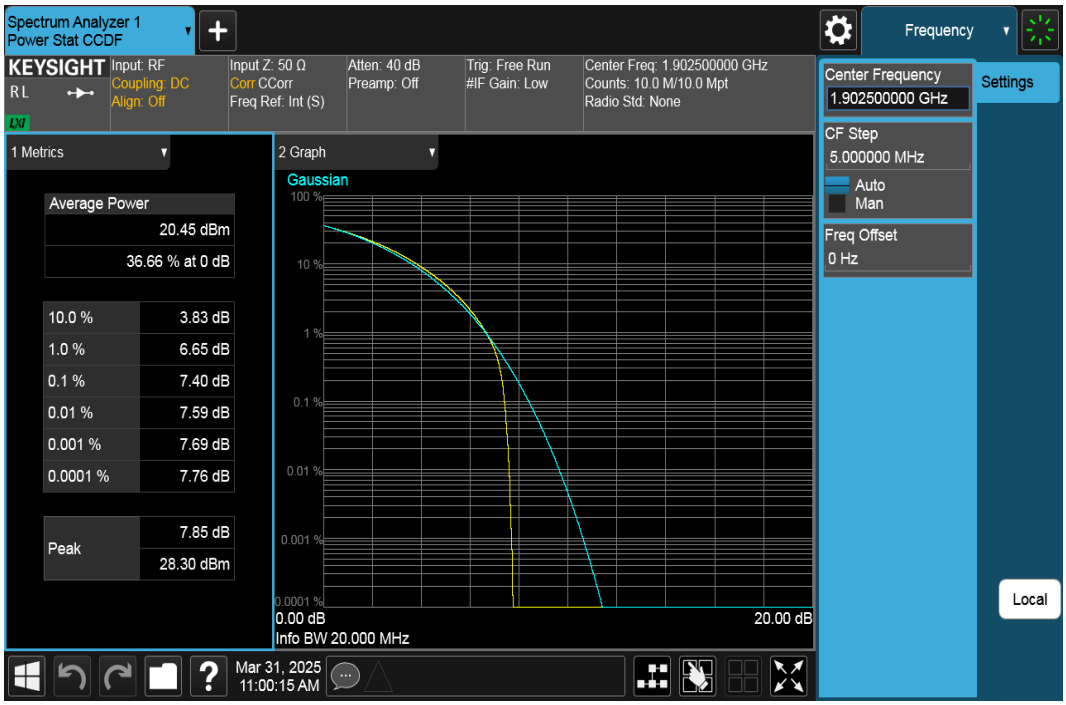

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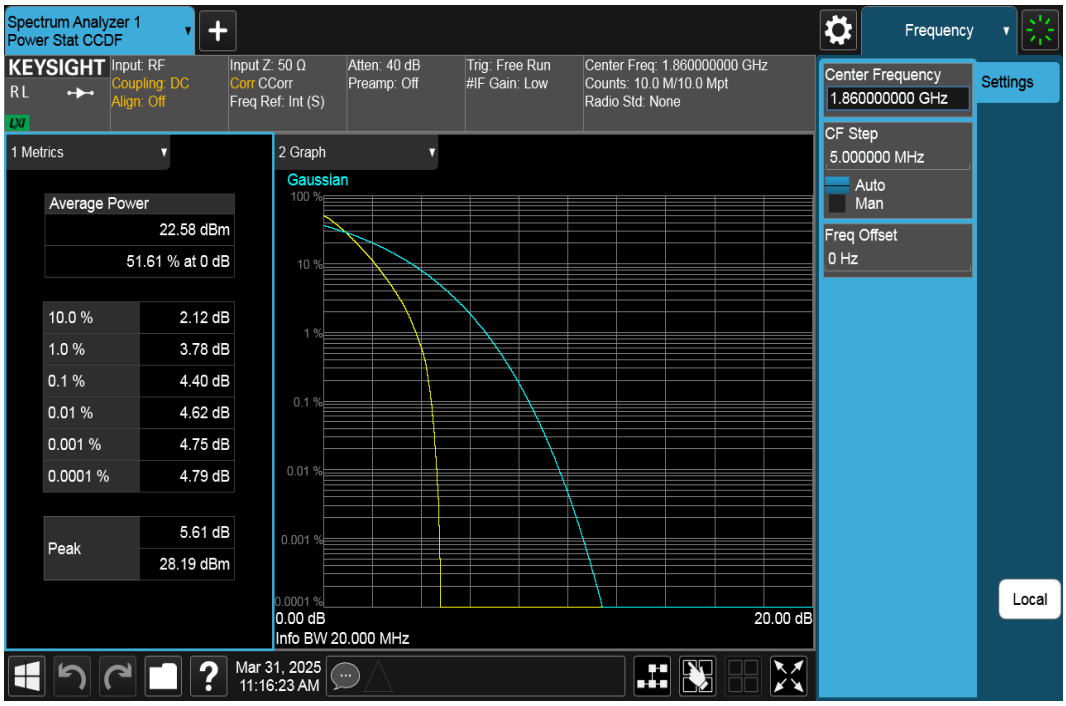

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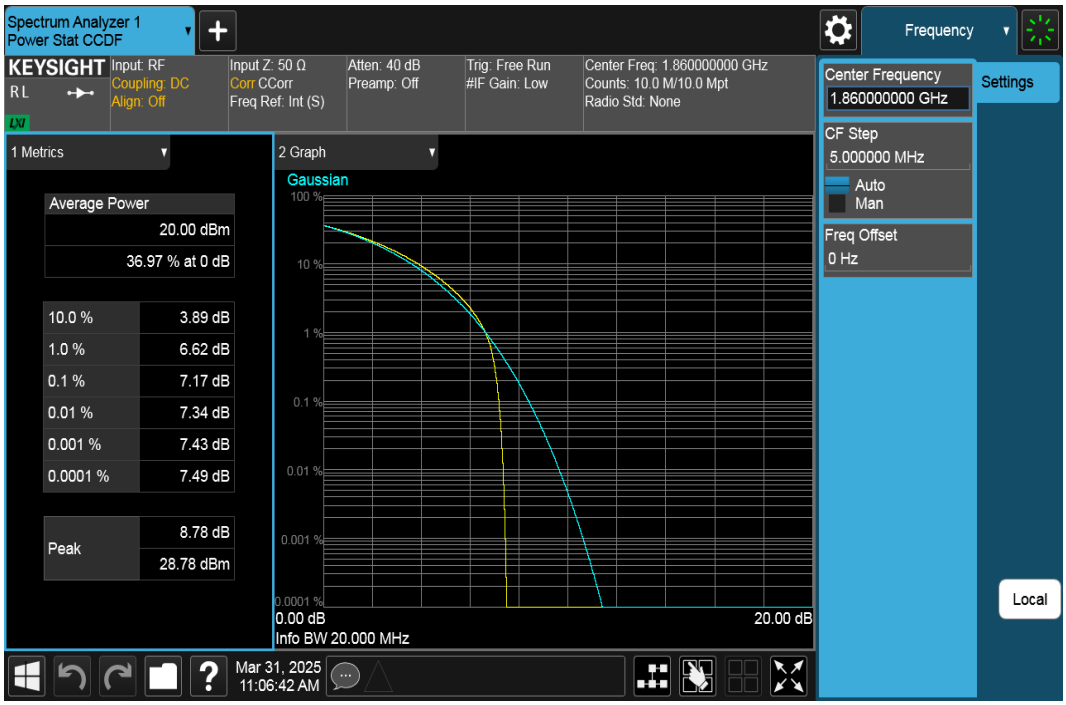

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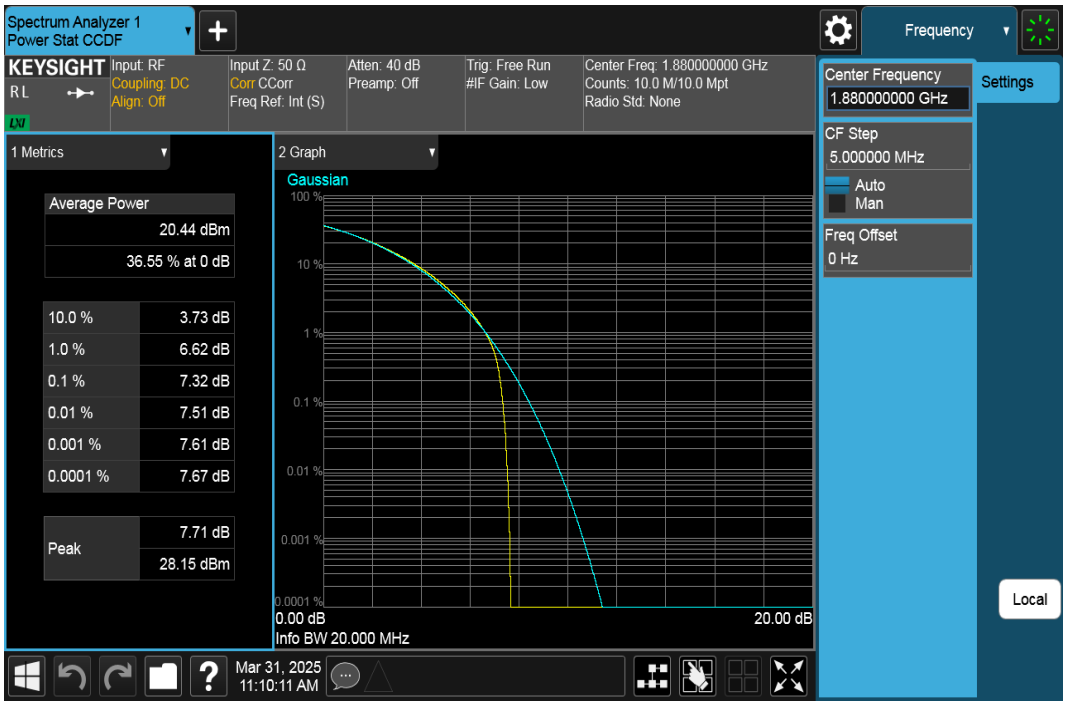

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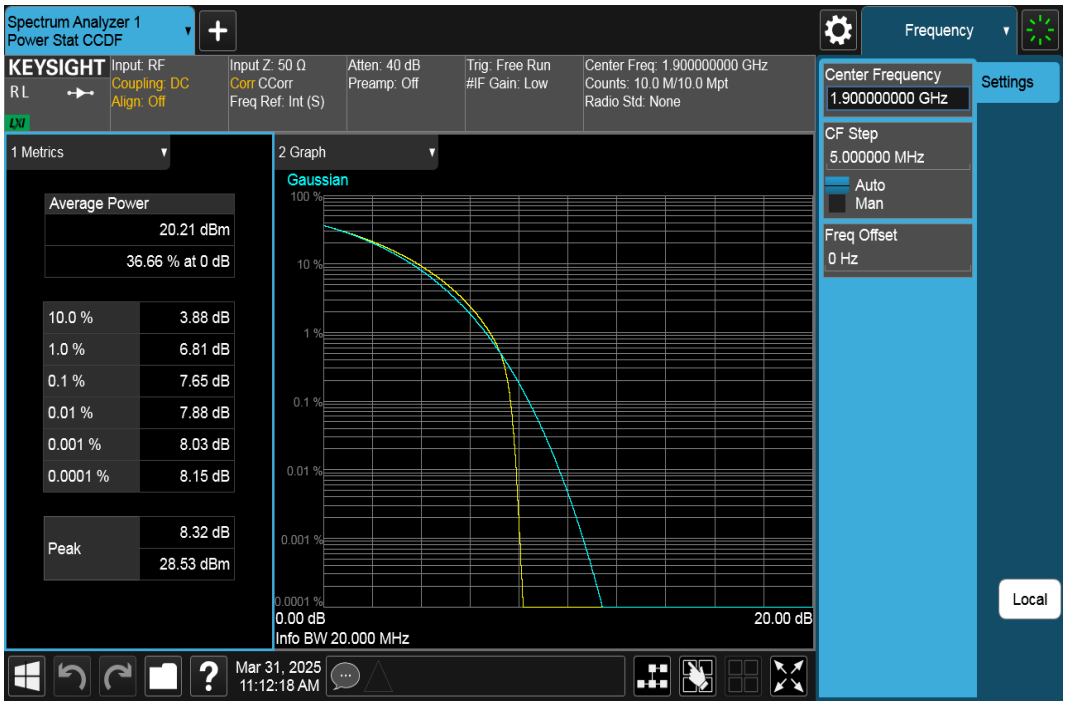
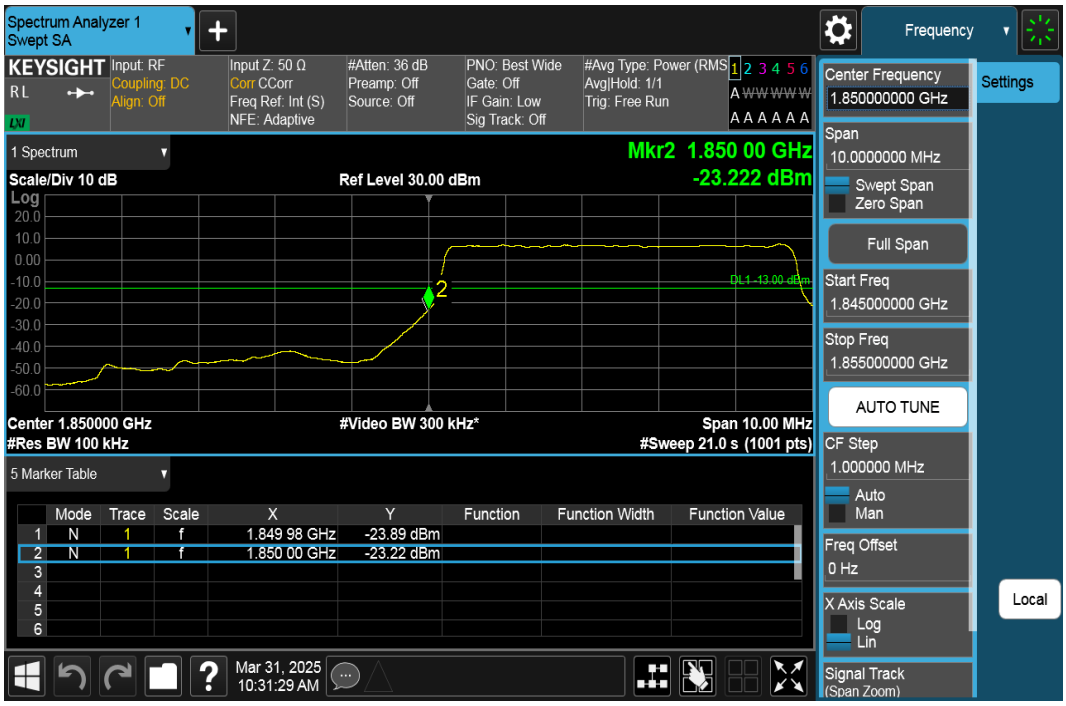


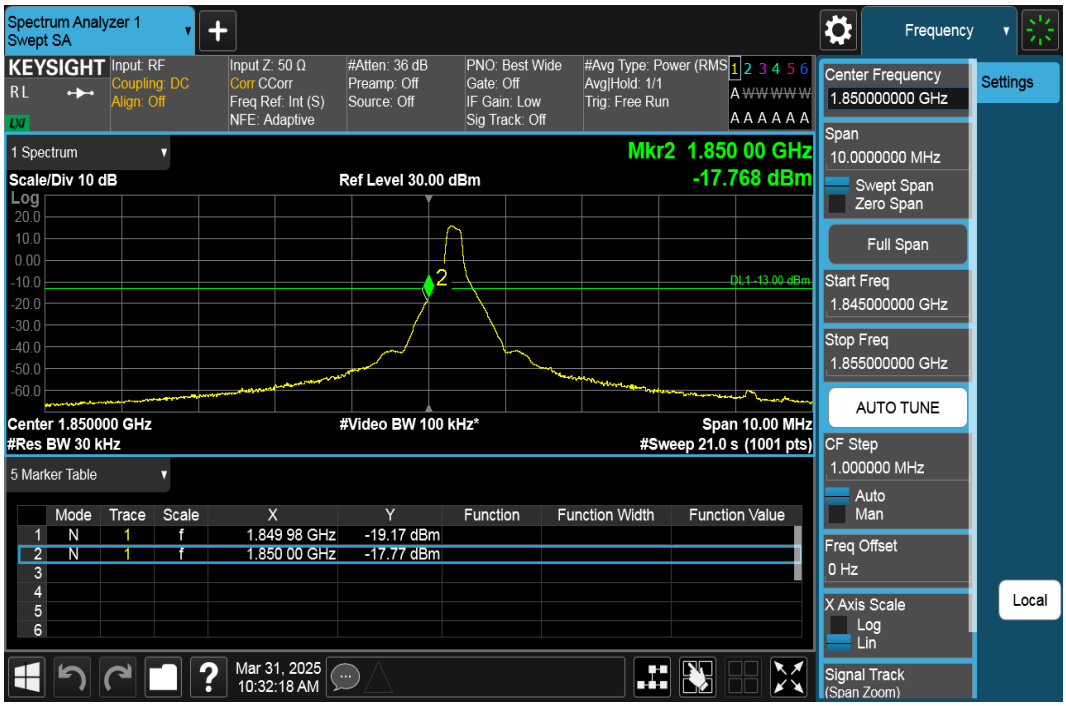
Bandedge

test graph

N2-5M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N2-5M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-1RB0



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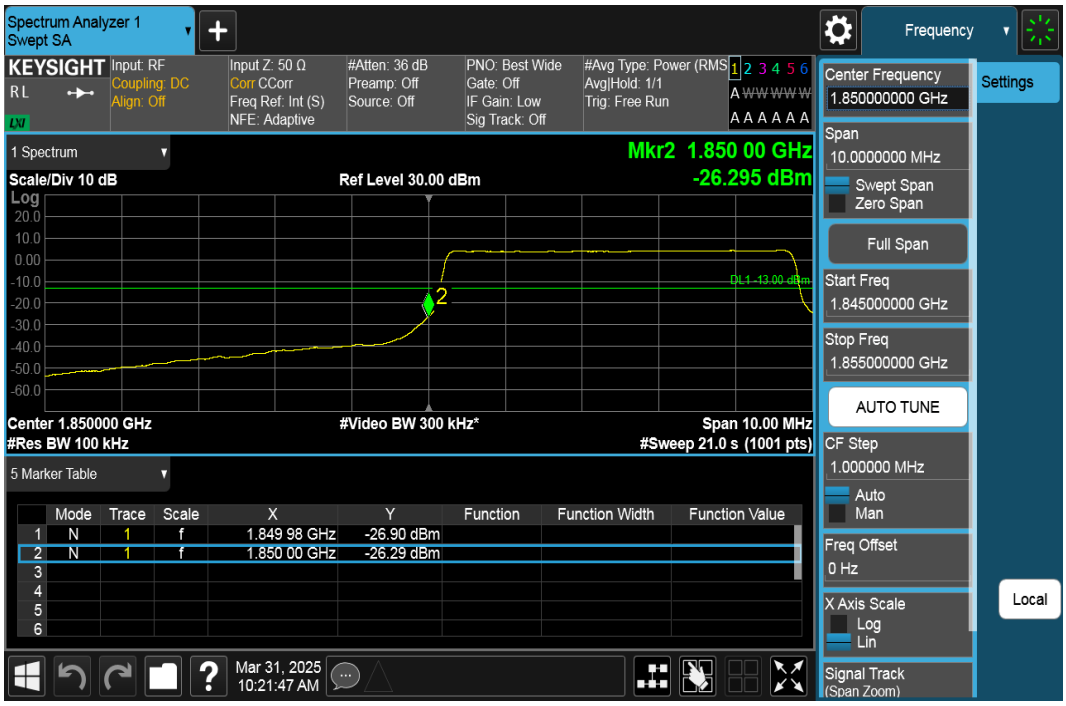

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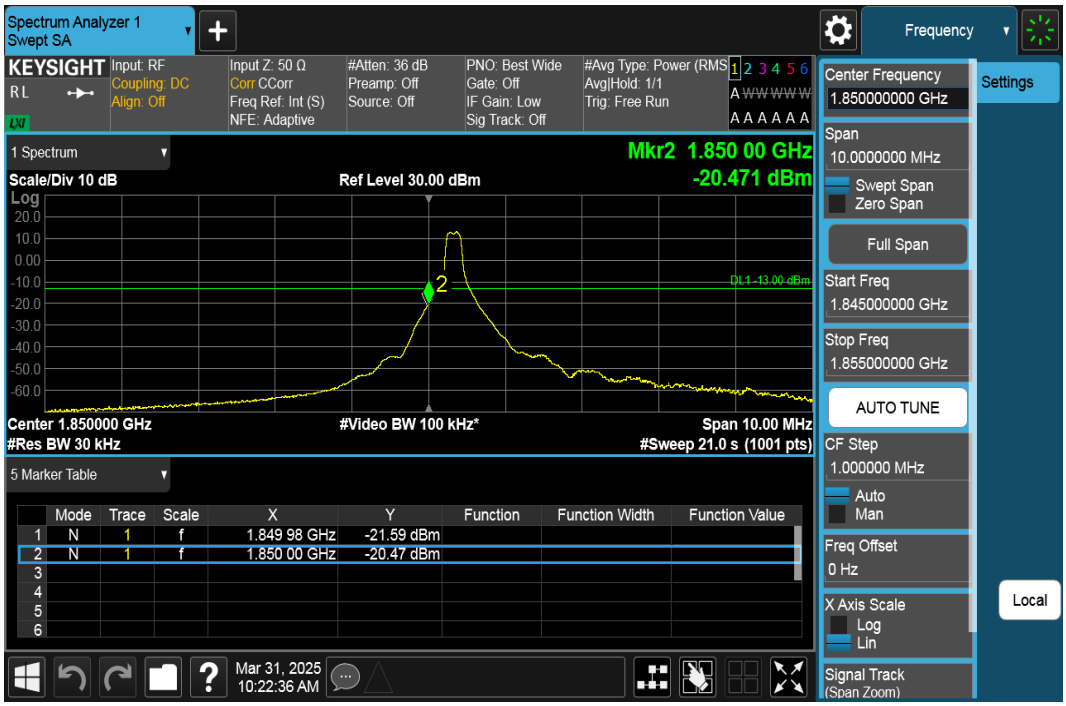
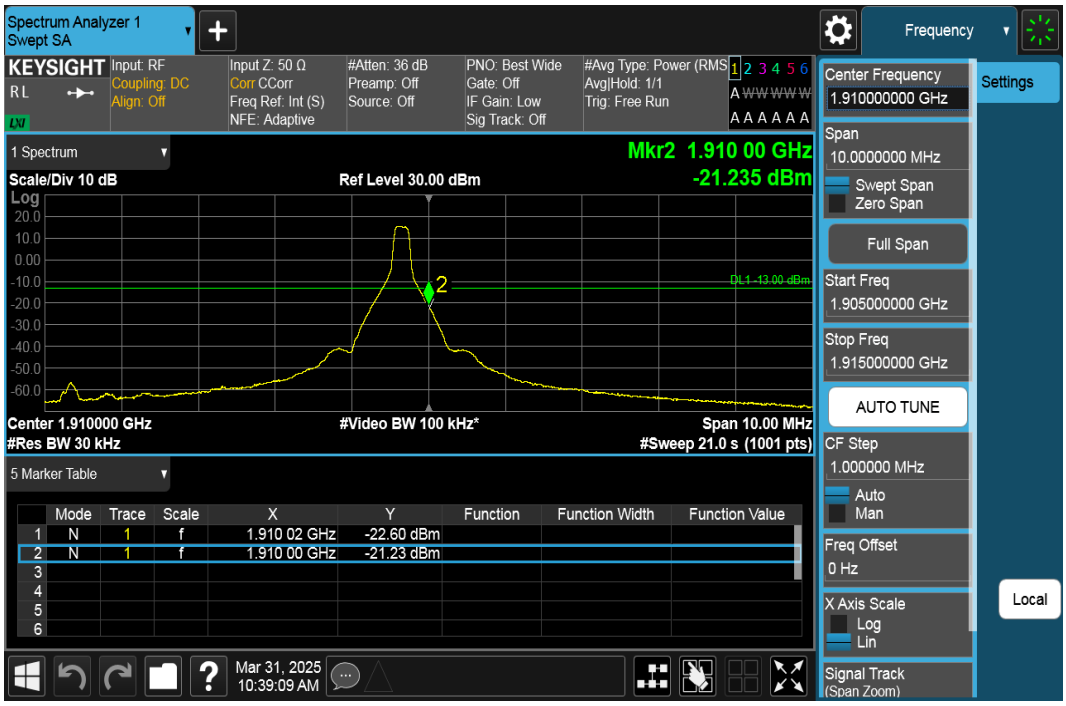


N2-5M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N2-5M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



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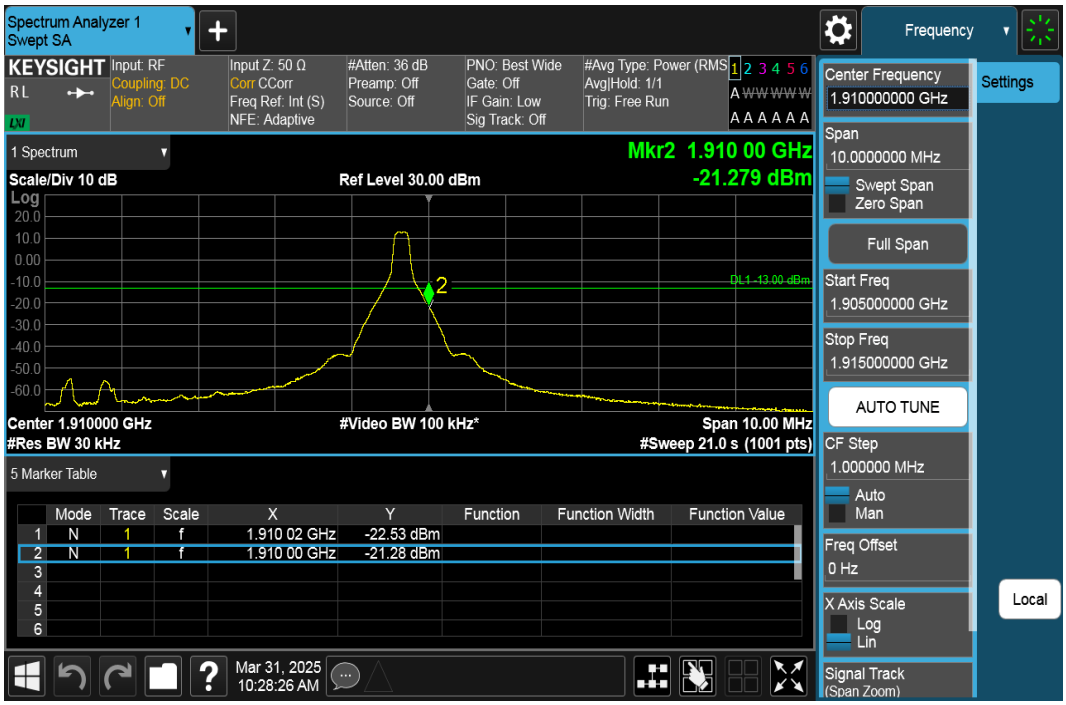
N2-5M-Bandedge-HCH-CP-OFDM-QPSK-1RB_MAX



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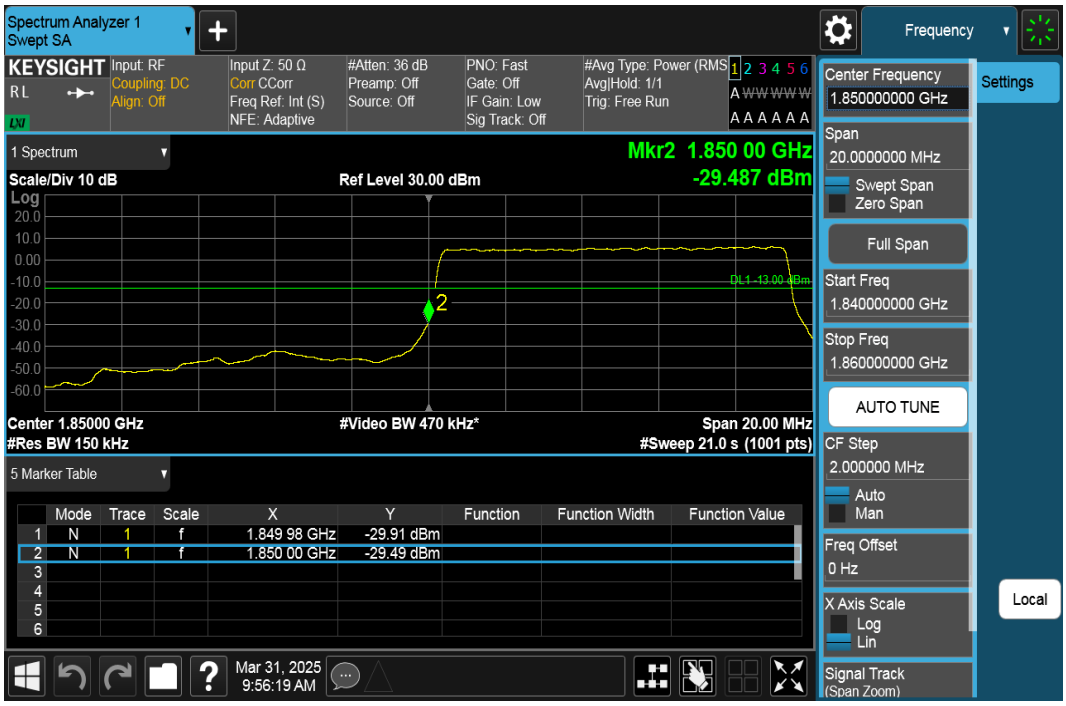

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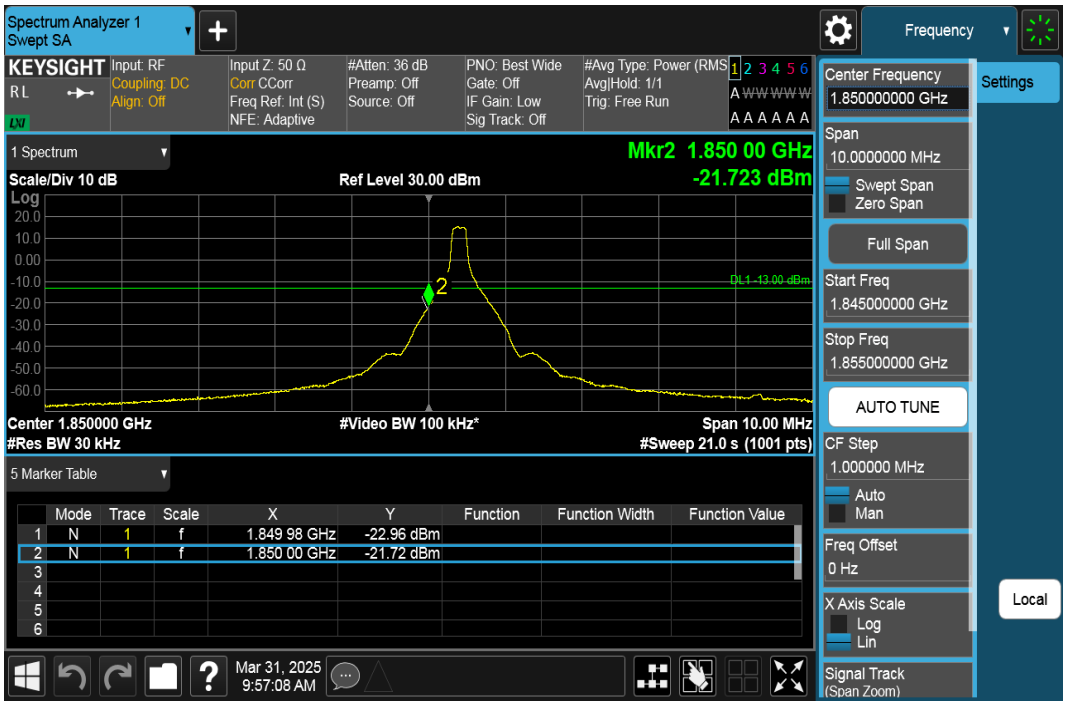

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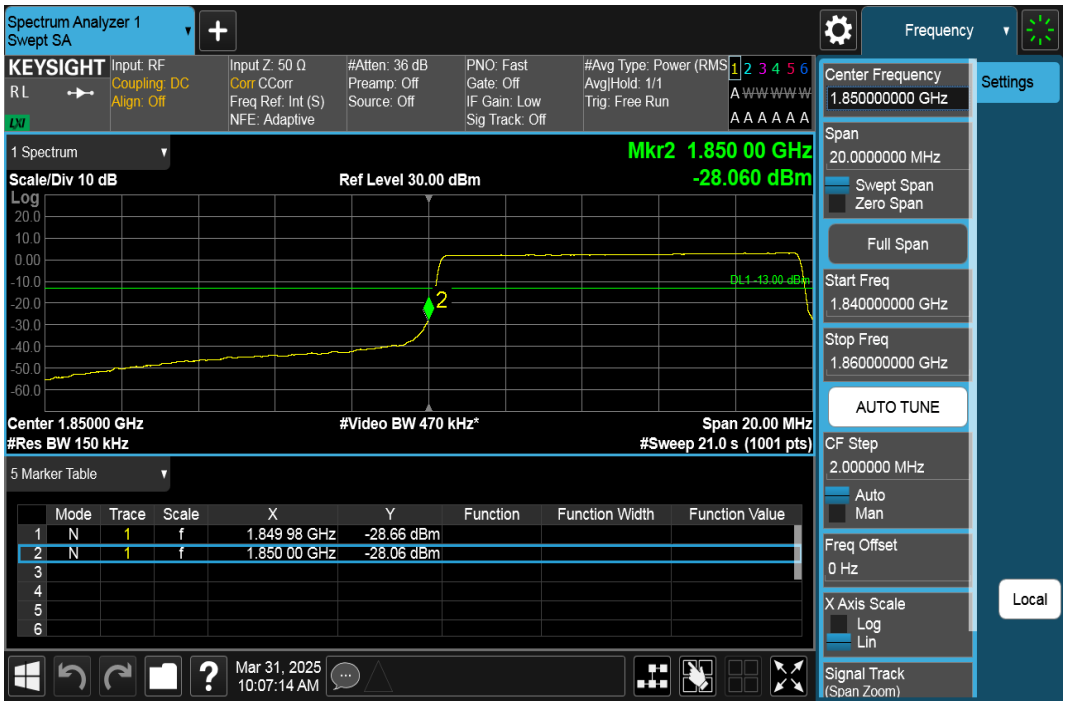

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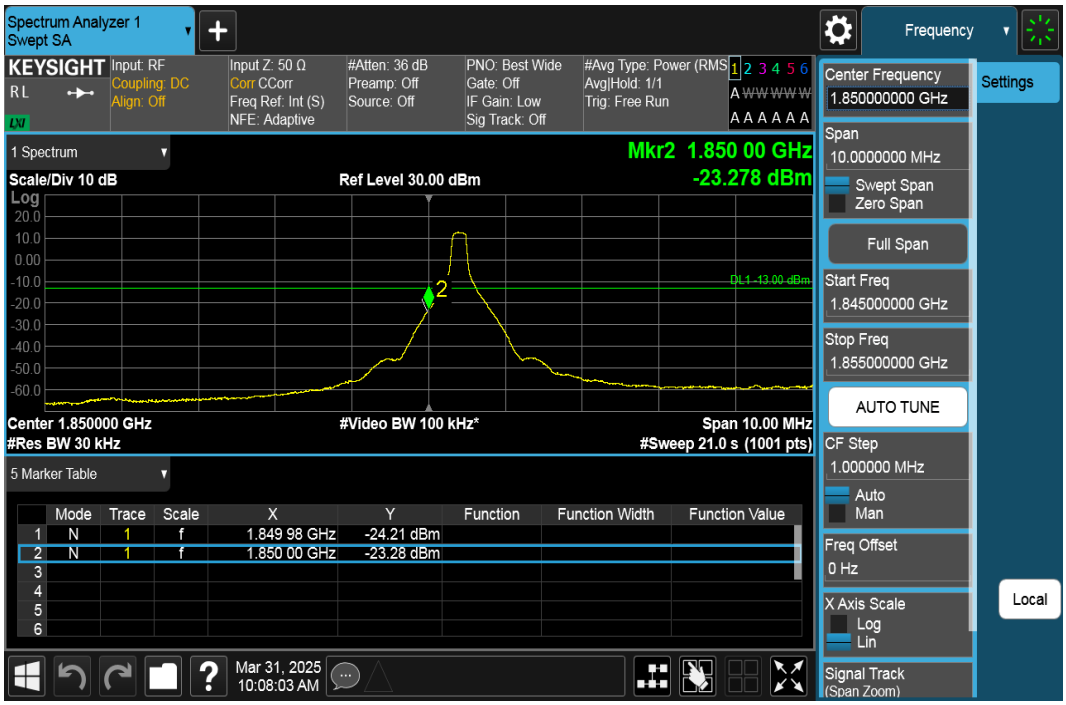
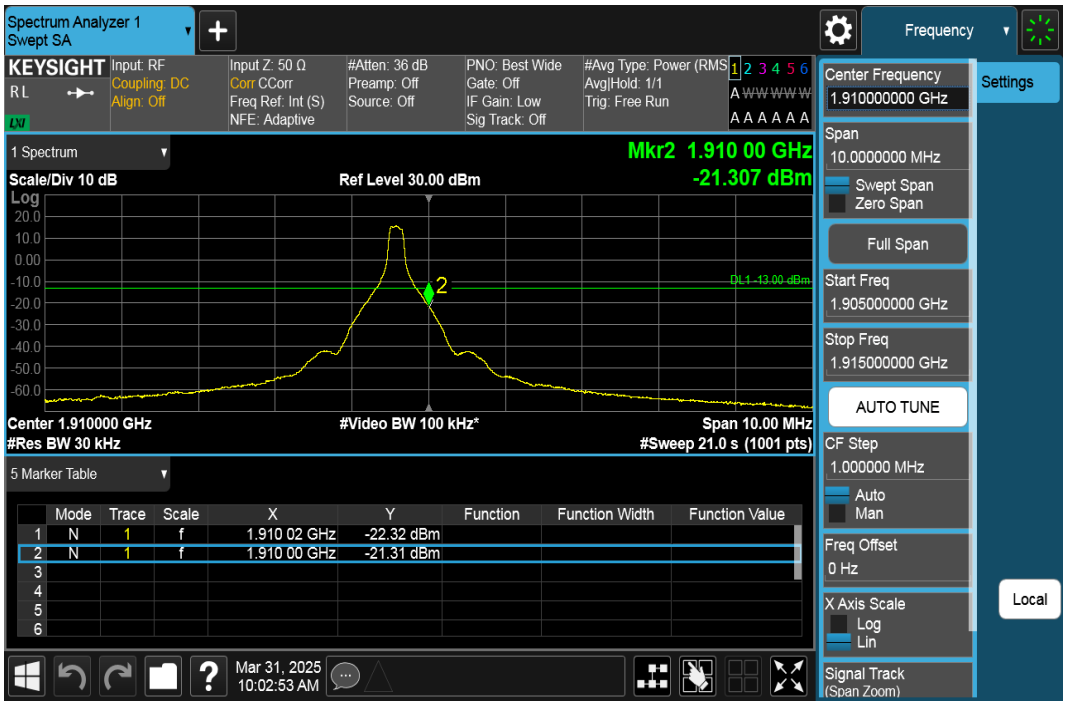


N2-10M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N2-10M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



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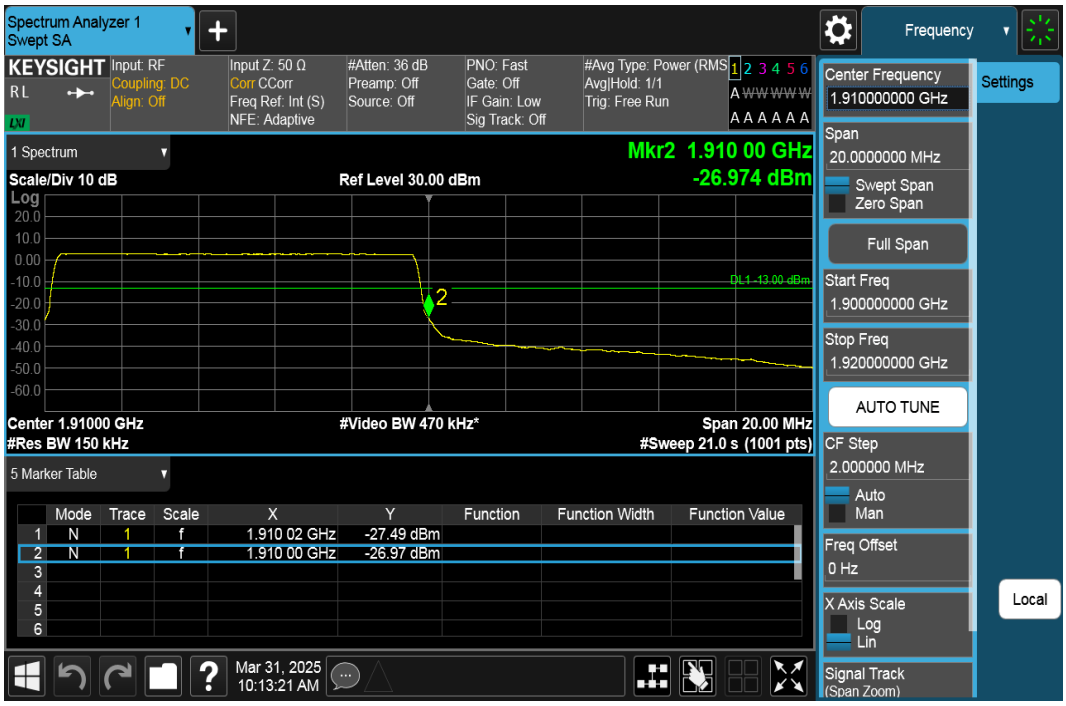
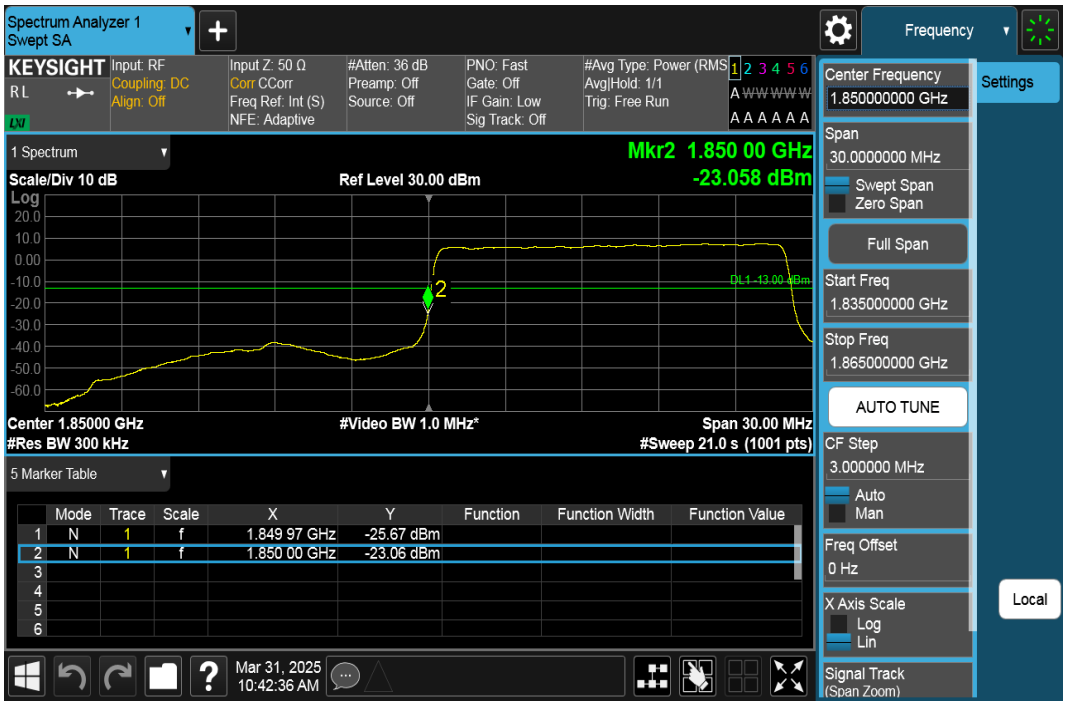


N2-10M-Bandedge-HCH-CP-OFDM-QPSK-1RB_MAX

N2-15M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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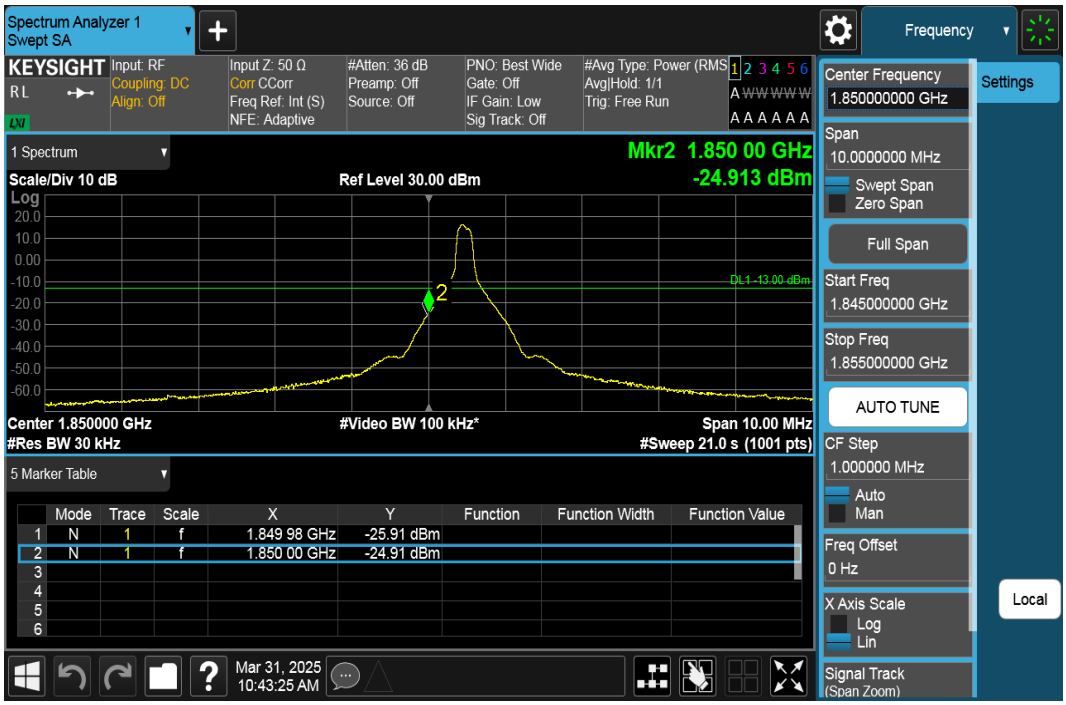
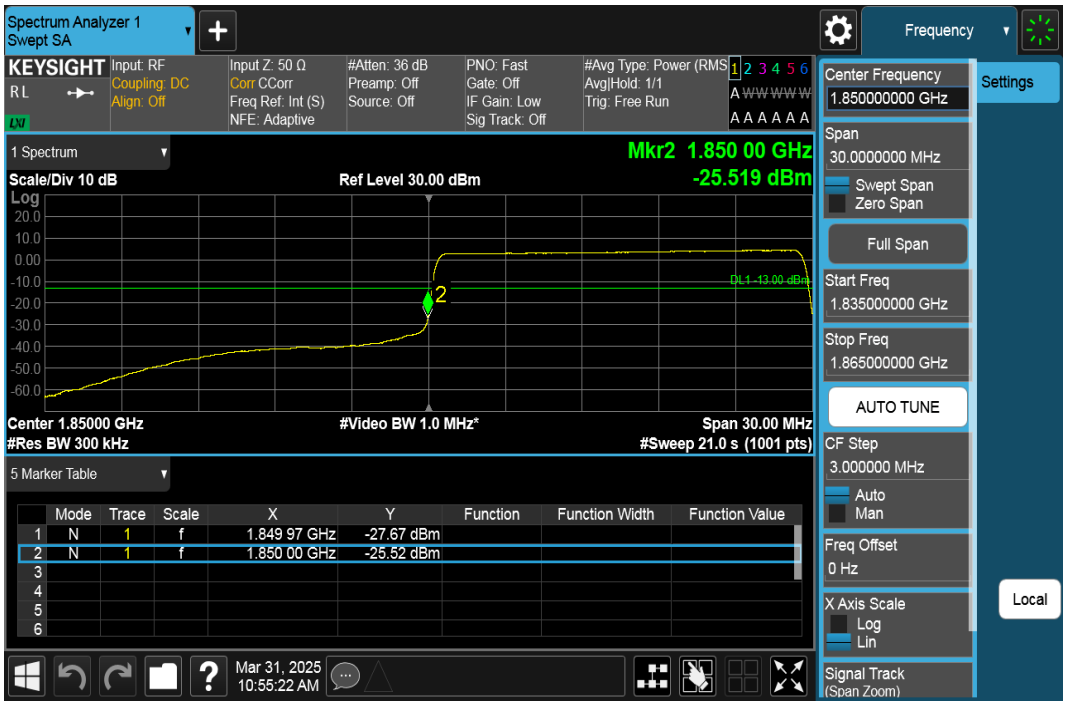


N2-15M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full



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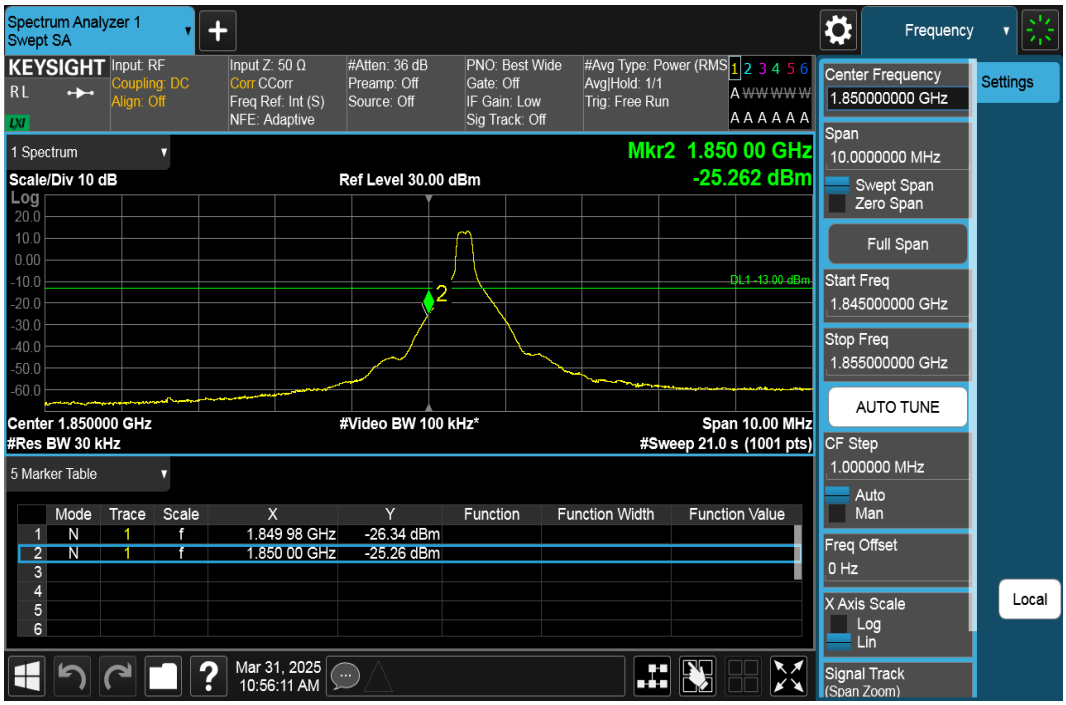


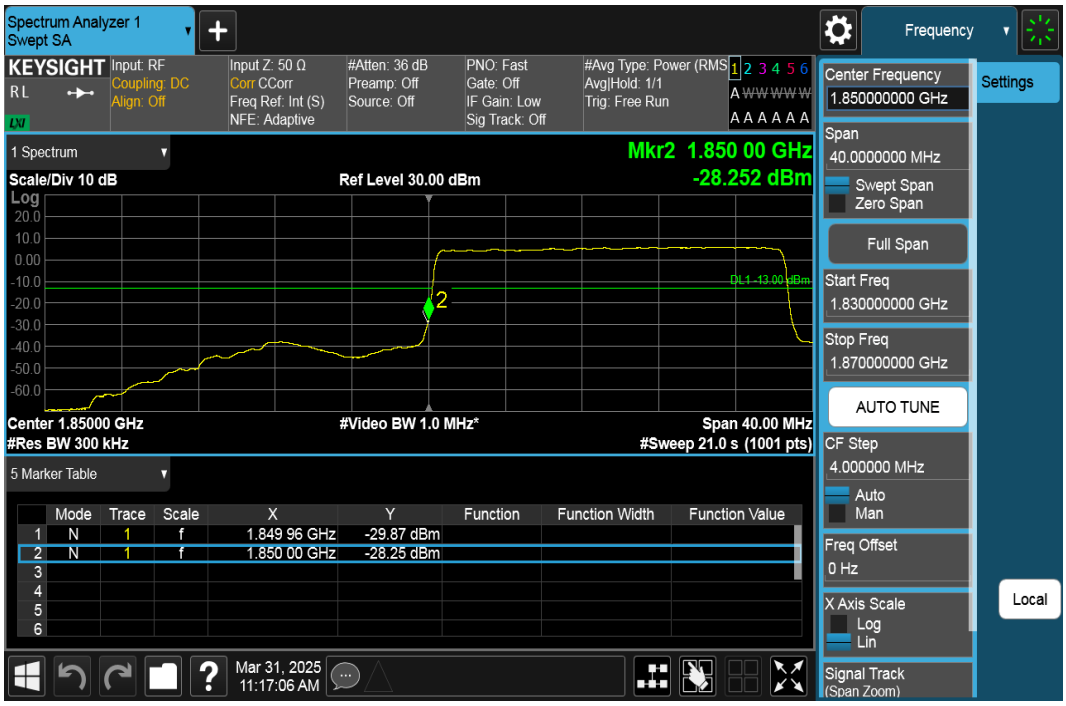
N2-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

N2-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

N2-15M-Bandedge-HCH-CP-OFDM-QPSK-Outer_Full

N2-15M-Bandedge-HCH-CP-OFDM-QPSK-1RB_MAX

N2-20M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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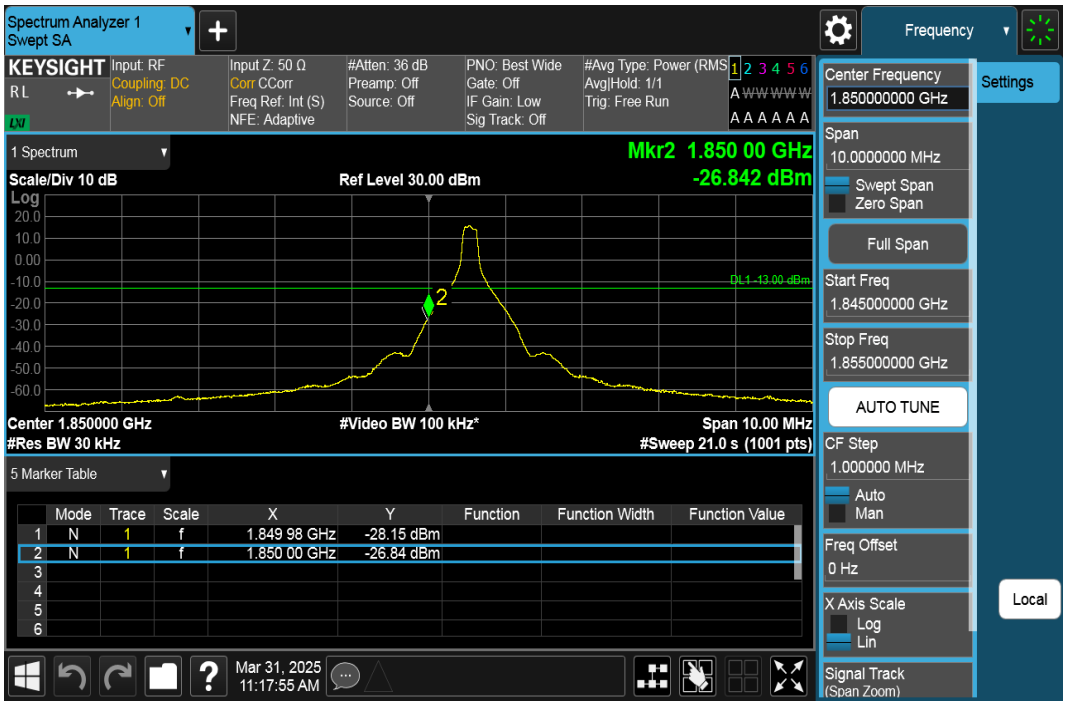
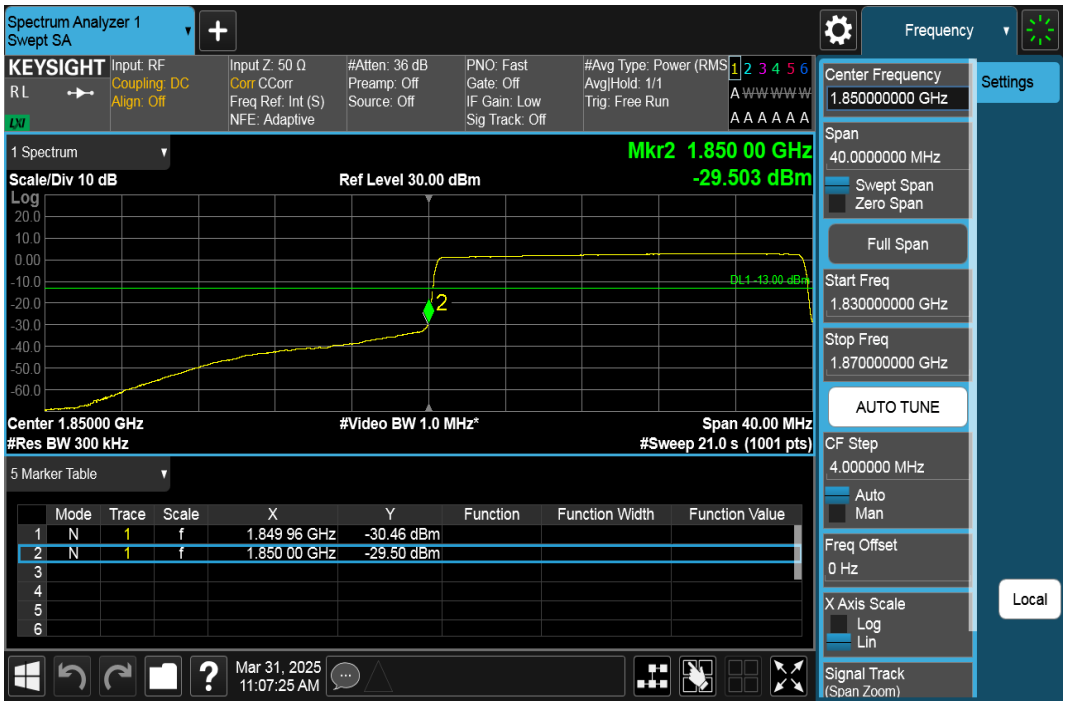
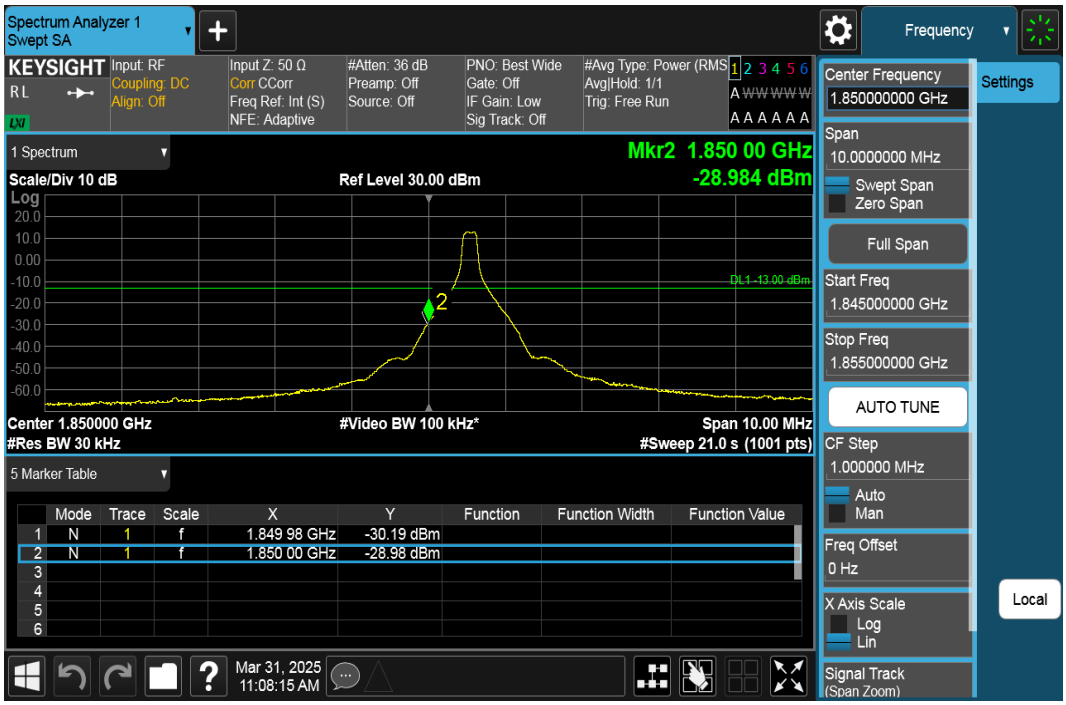


N2-20M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full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