

99% & 26dB Bandwidth

Test Result

5G NR N25 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	4.5076	5.193	/	Pass
CP-OFDM QPSK		Outer_Full	4.5307	5.096	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	4.5008	5.209	/	Pass
CP-OFDM QPSK		Outer_Full	4.5179	5.296	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.4941	5.161	/	Pass
CP-OFDM QPSK		Outer_Full	4.5171	5.291	/	Pass

5G NR N25 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	8.9504	9.714	/	Pass
CP-OFDM QPSK		Outer_Full	9.2974	10.07	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	8.9557	9.645	/	Pass
CP-OFDM QPSK		Outer_Full	9.3026	10.18	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.9583	9.668	/	Pass
CP-OFDM QPSK		Outer_Full	9.312	9.915	/	Pass

5G NR N25 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	13.534	14.49	/	Pass
CP-OFDM QPSK		Outer_Full	14.148	15.06	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	13.501	14.32	/	Pass
CP-OFDM QPSK		Outer_Full	14.182	15.33	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	13.506	14.39	/	Pass
CP-OFDM QPSK		Outer_Full	14.182	15.24	/	Pass

5G NR N25 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	17.929	19	/	Pass
CP-OFDM QPSK		Outer_Full	18.939	19.94	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	17.942	18.95	/	Pass
CP-OFDM QPSK		Outer_Full	18.979	19.93	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.94	18.92	/	Pass
CP-OFDM QPSK		Outer_Full	18.945	20.09	/	Pass

Peak-Average Ratio

Test Result

5G NR N25 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.19	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.81	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.21	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.02	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.82	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.49	<=13	Pass

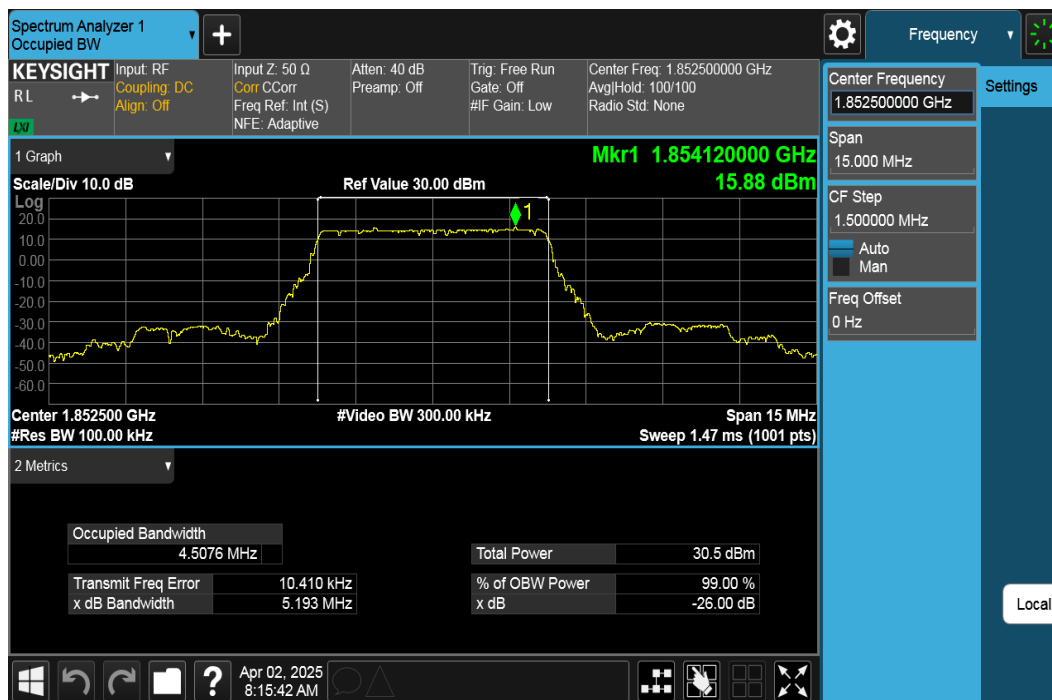
5G NR N25 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.6	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.58	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.68	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.53	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.31	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.01	<=13	Pass

5G NR N25 SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.67	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.02	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.61	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.62	<=13	Pass
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CP-OFDM QPSK		Outer_Full	7.12	<=13	Pass

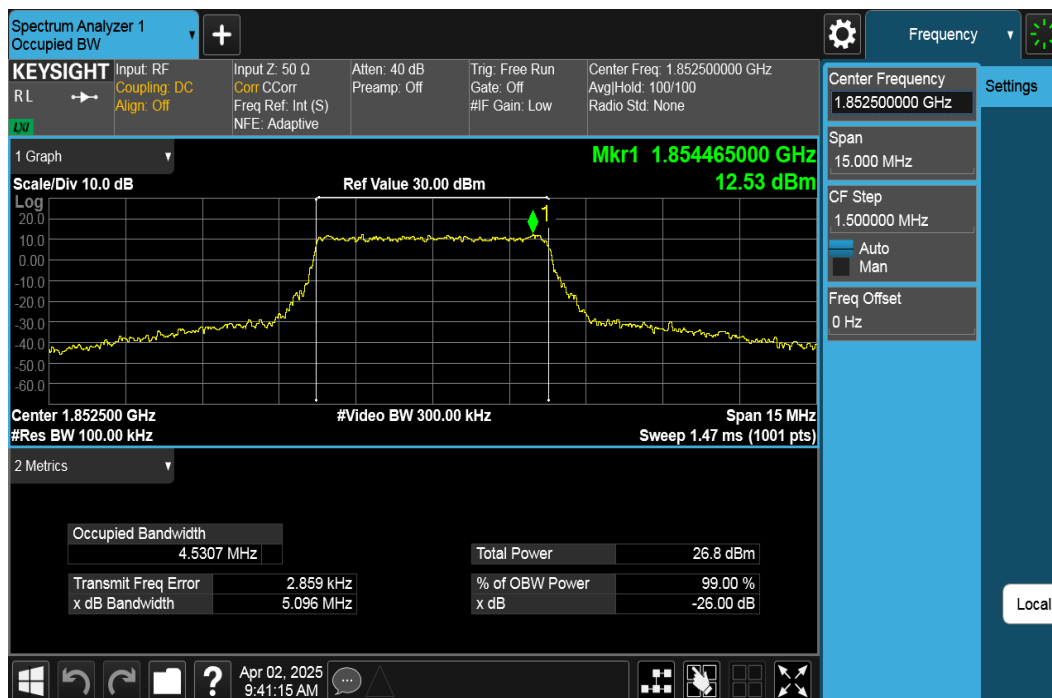
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Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
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CP-OFDM QPSK		Outer_Full	6.99	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.55	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.64	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.31	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.32	<=13	Pass

OBW Test graph

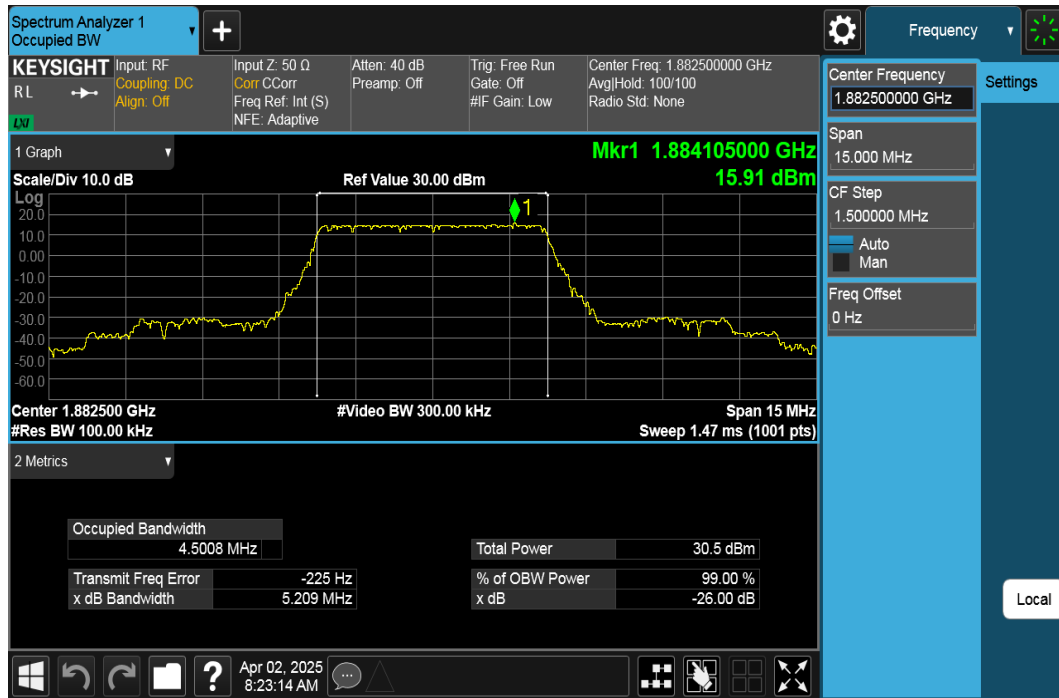
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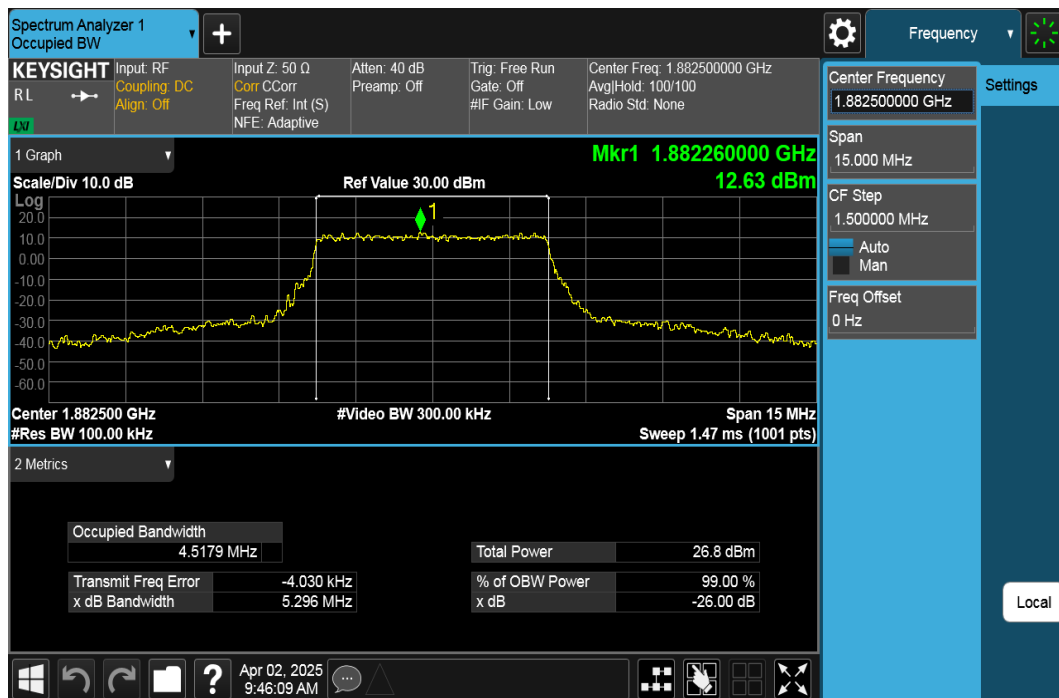
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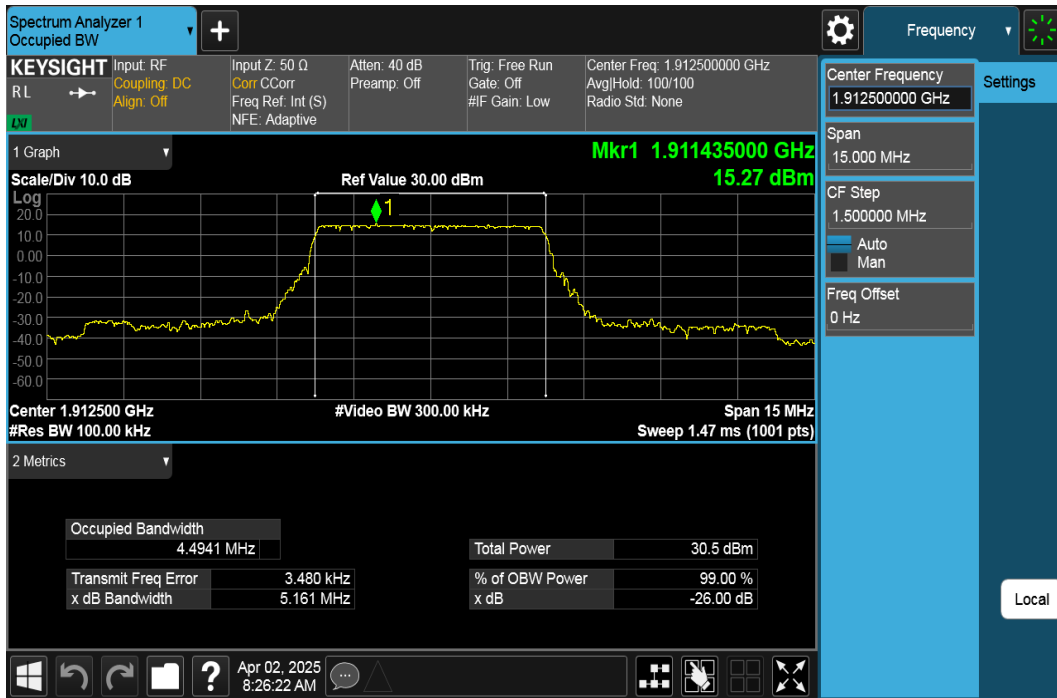
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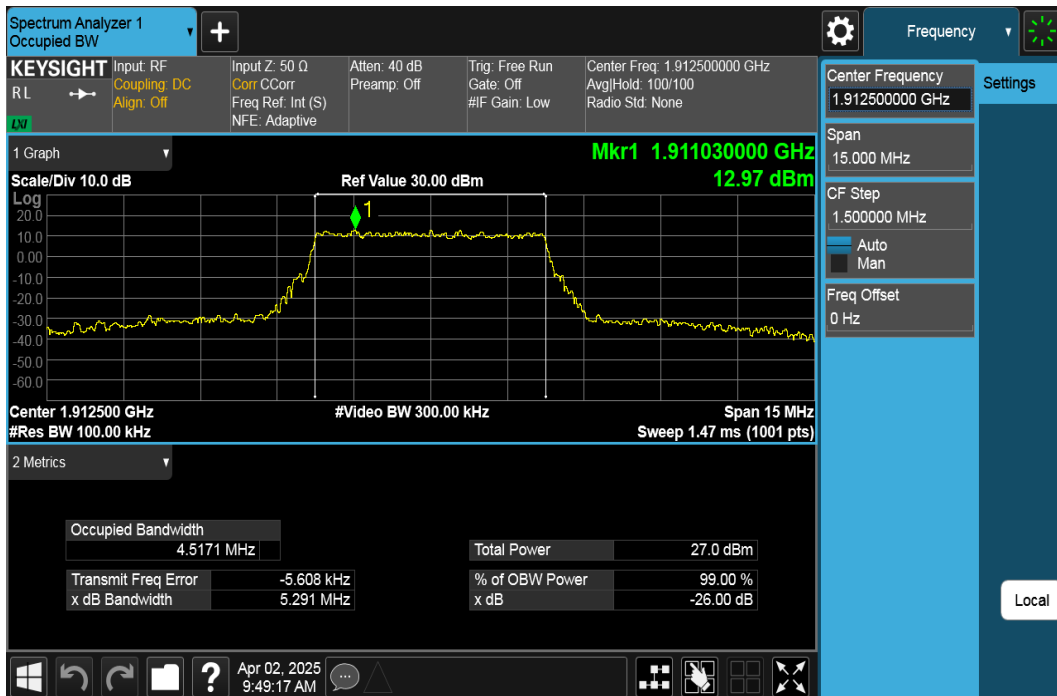
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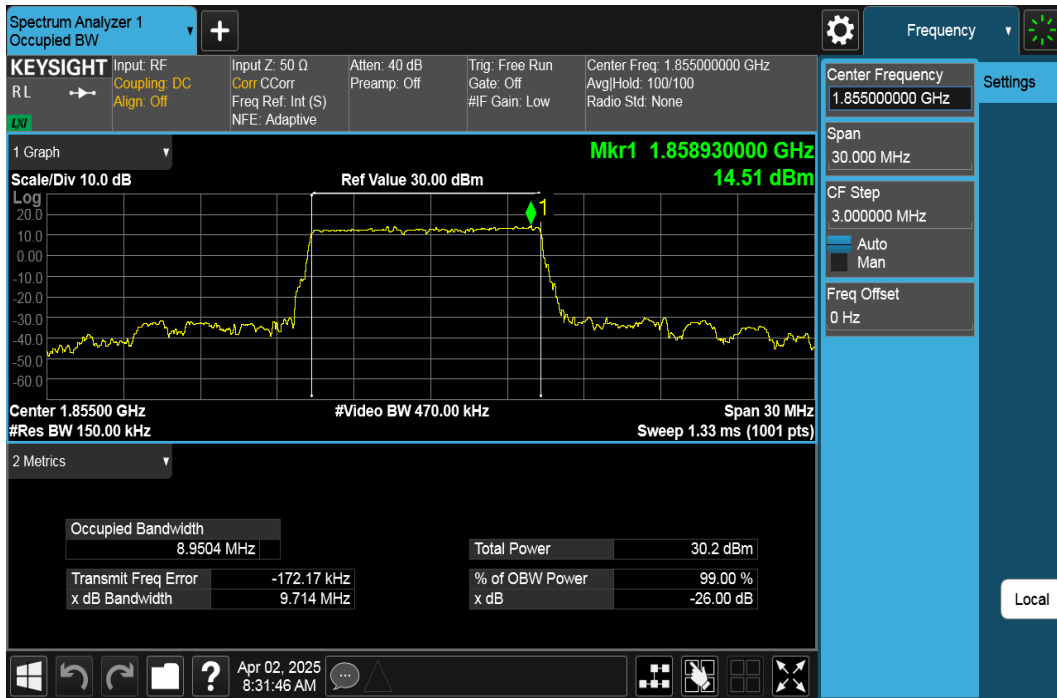
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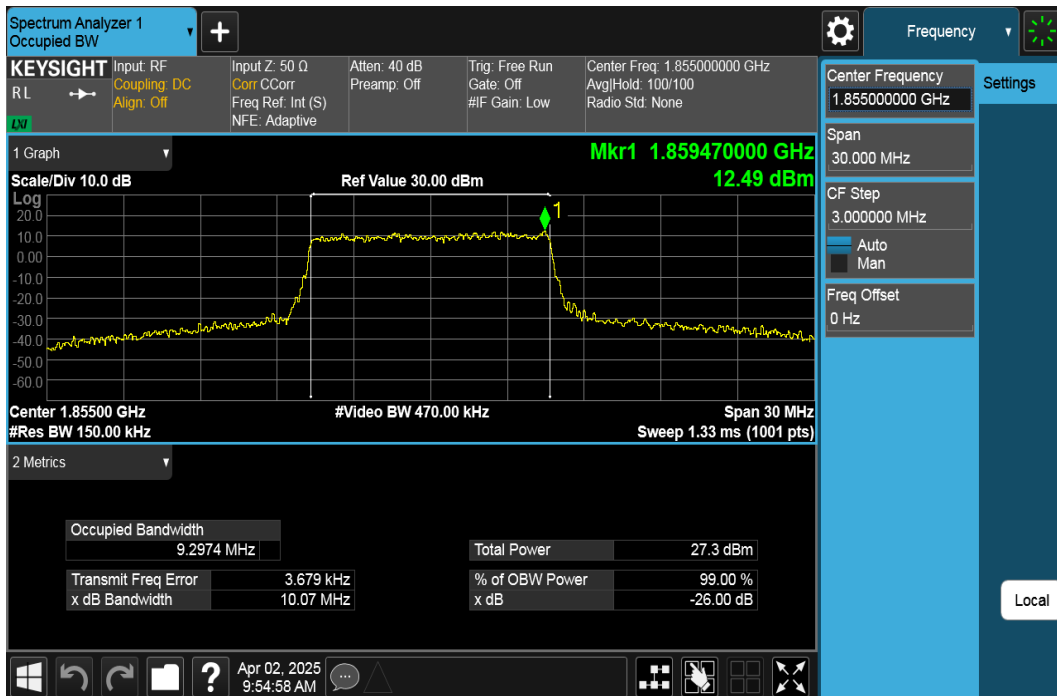
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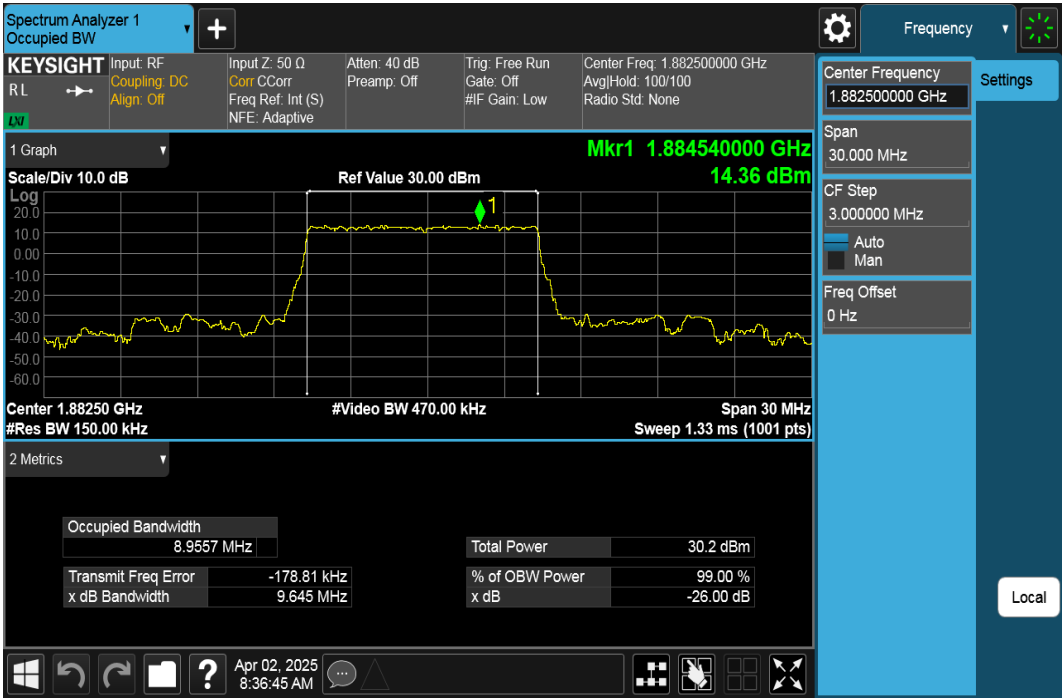
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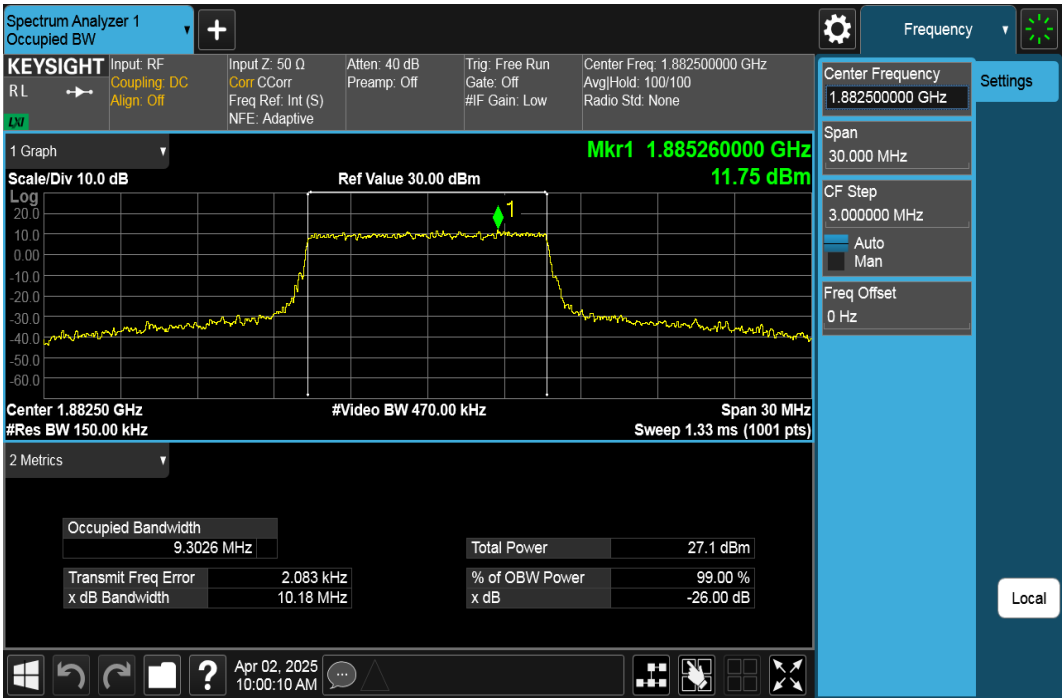
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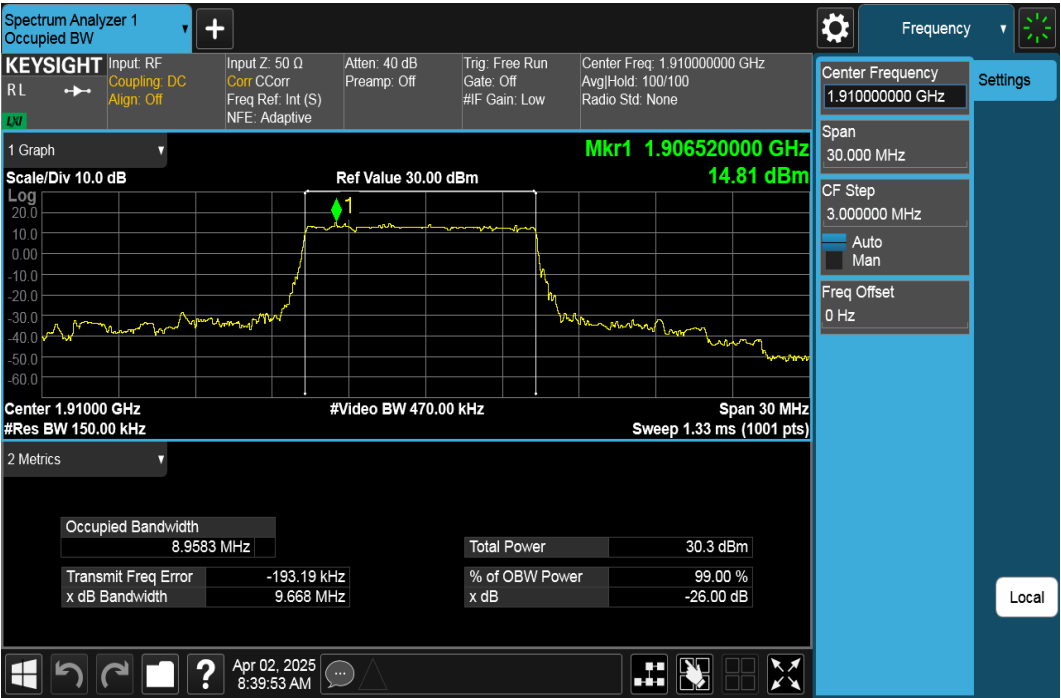
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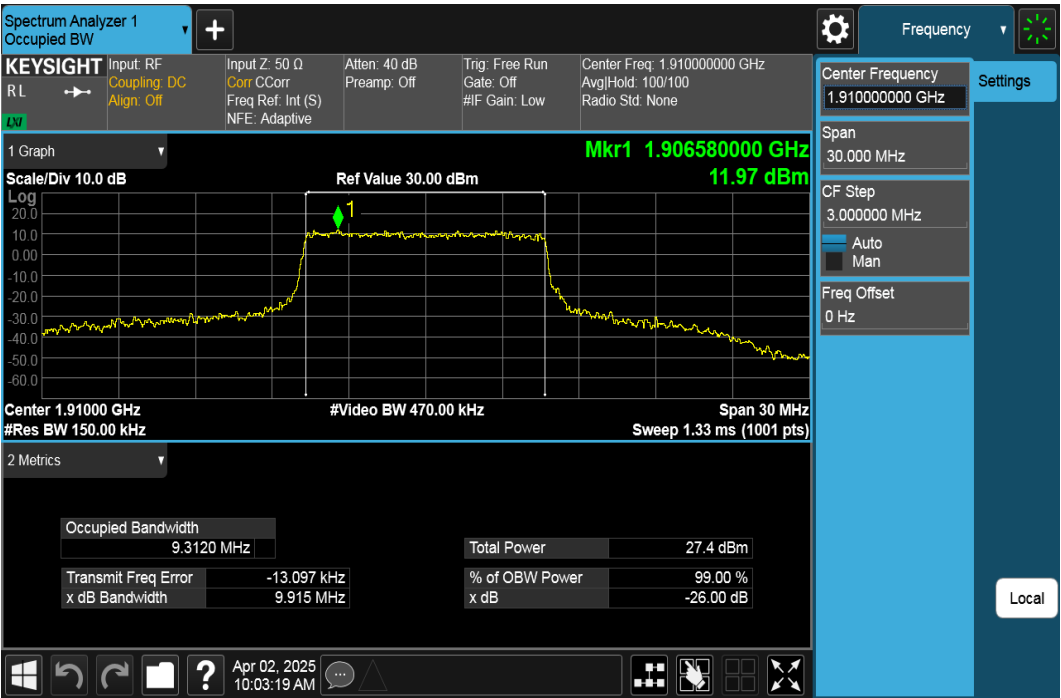
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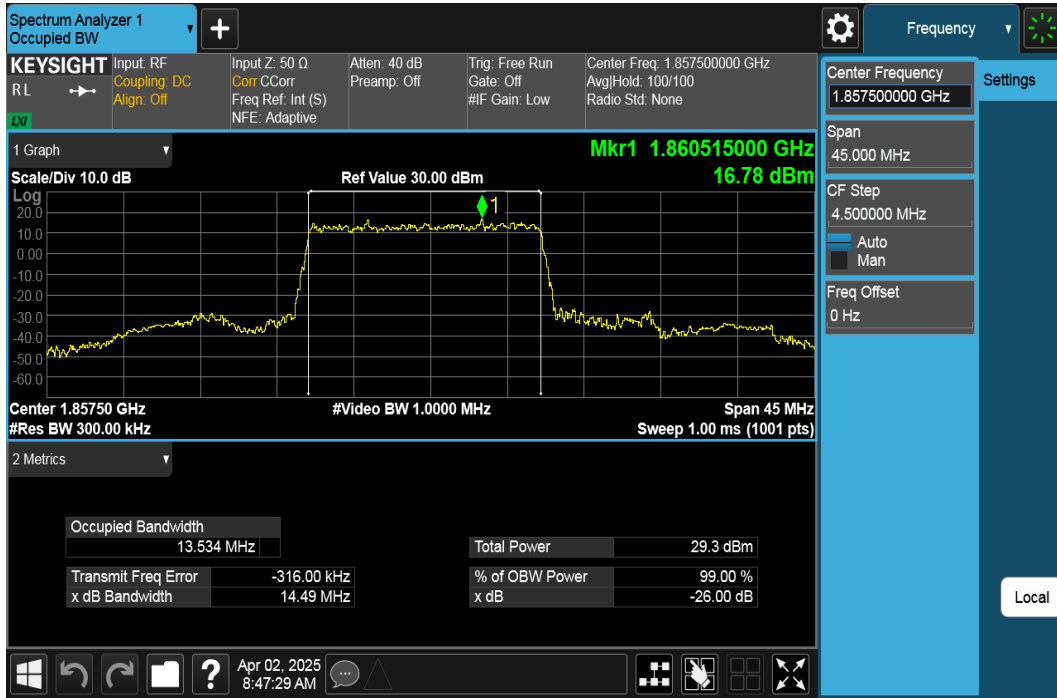
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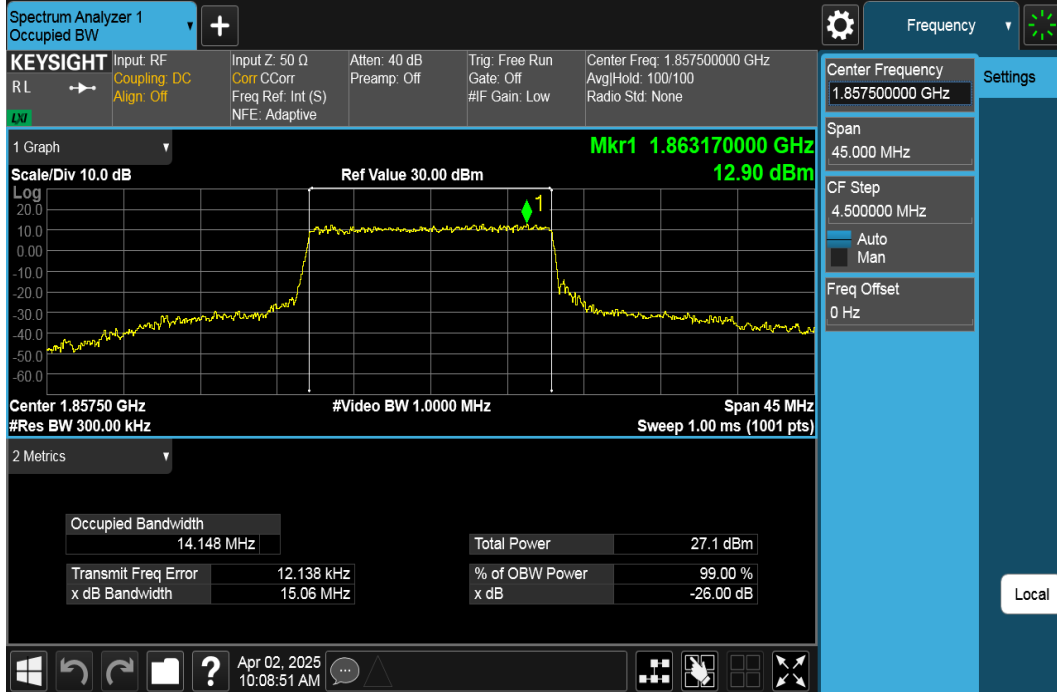
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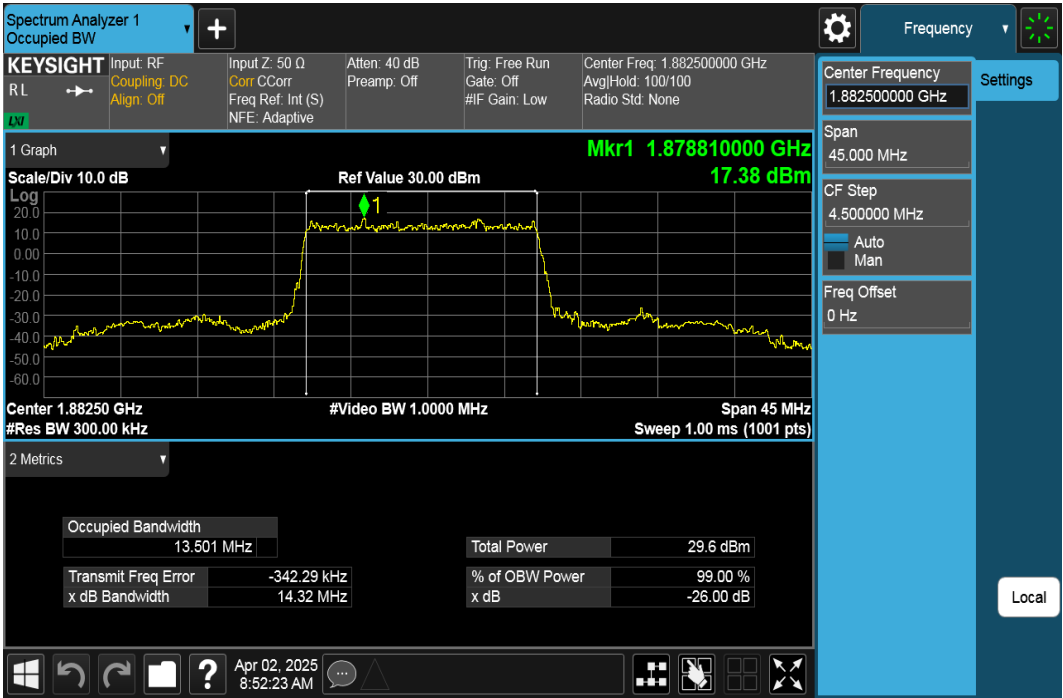
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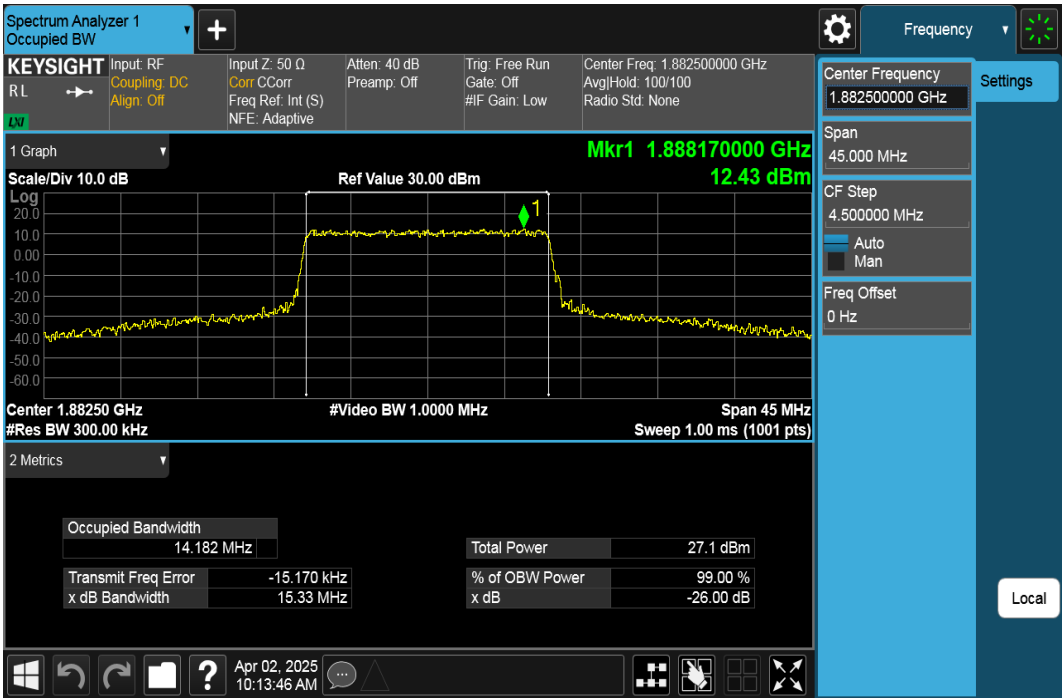
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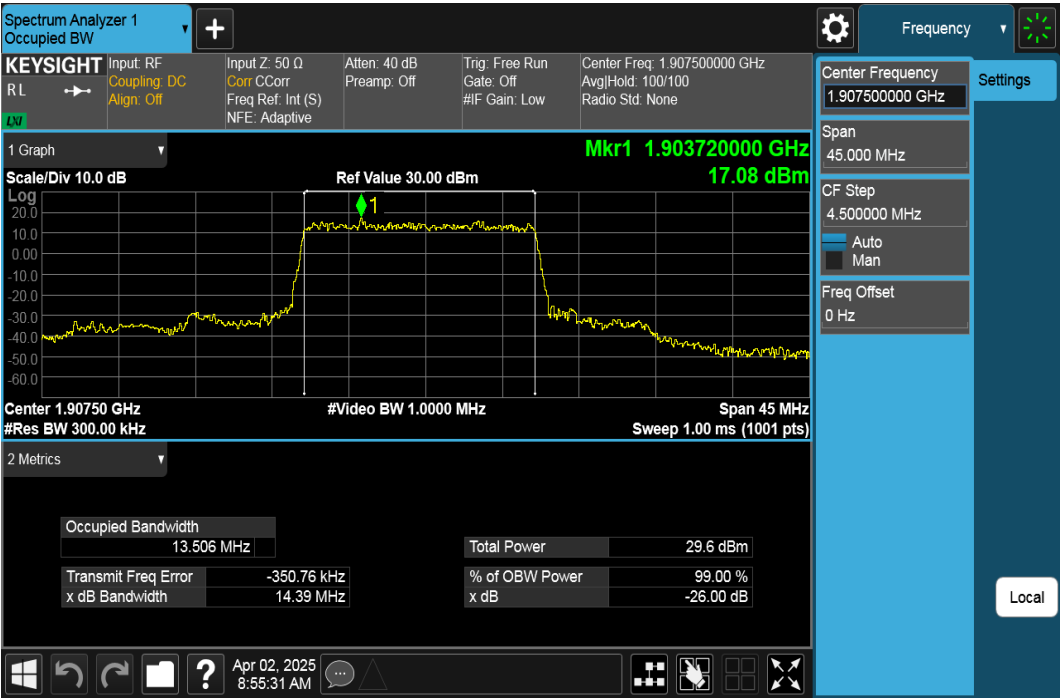
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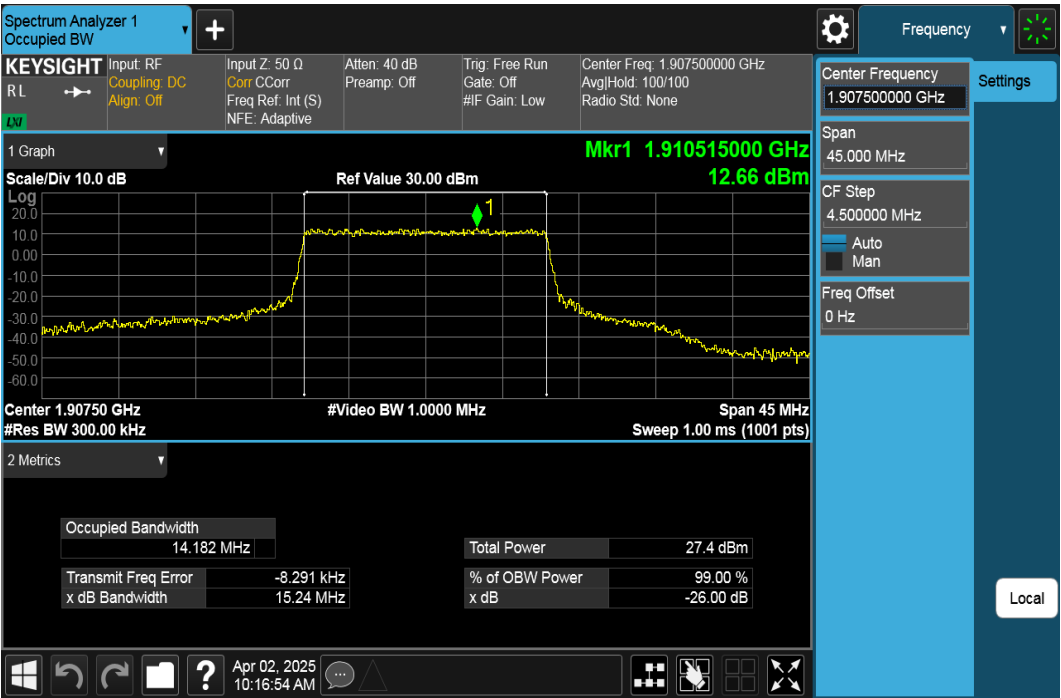
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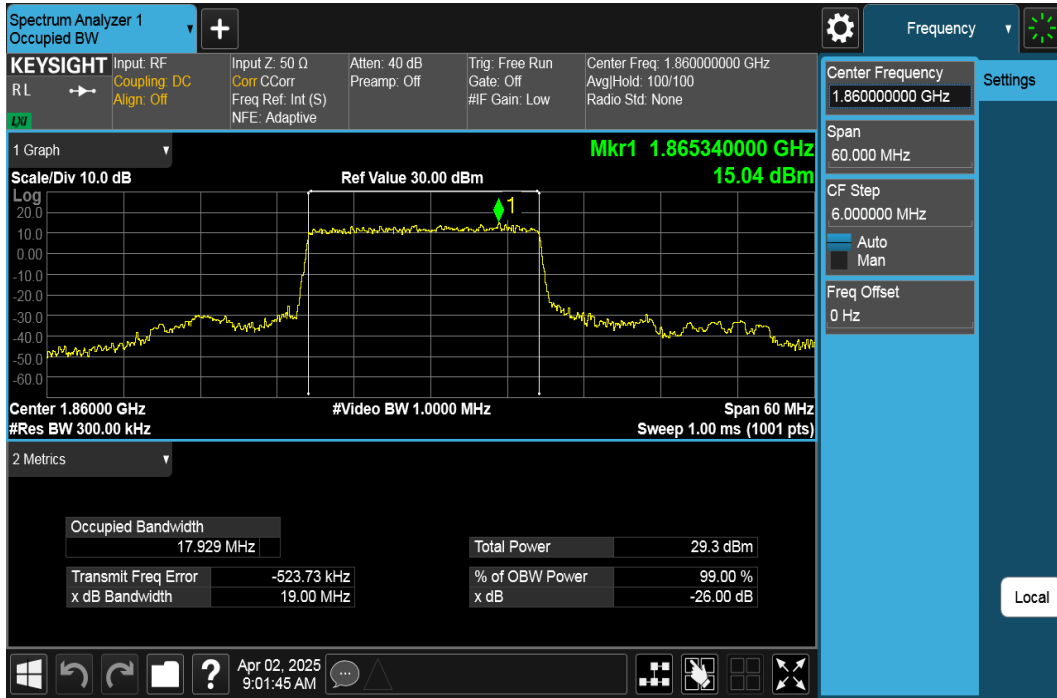
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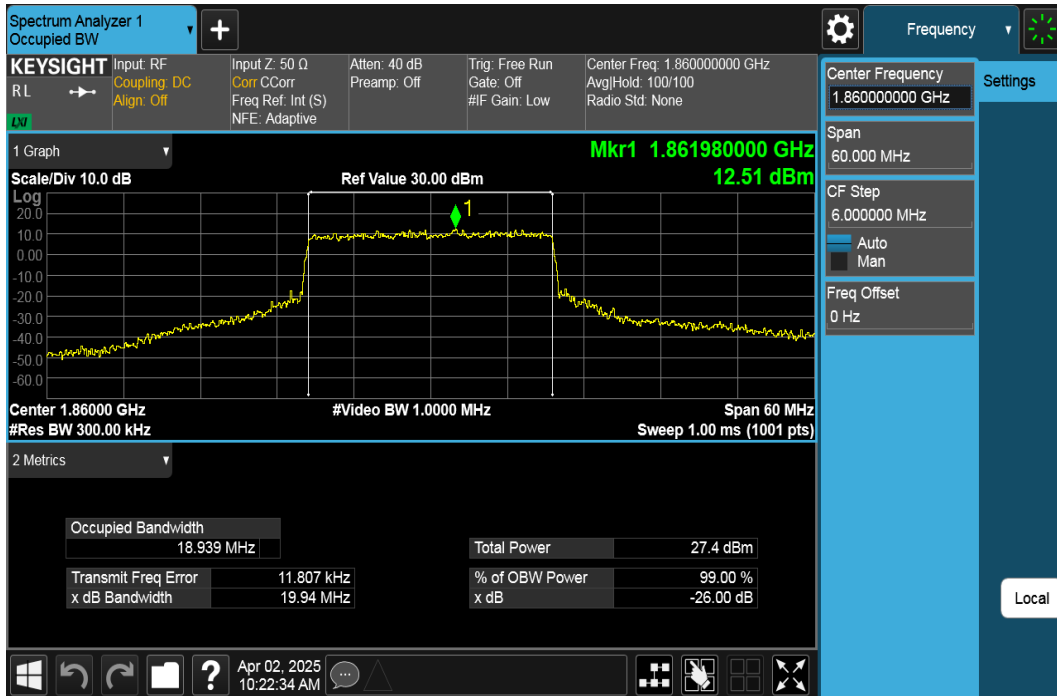
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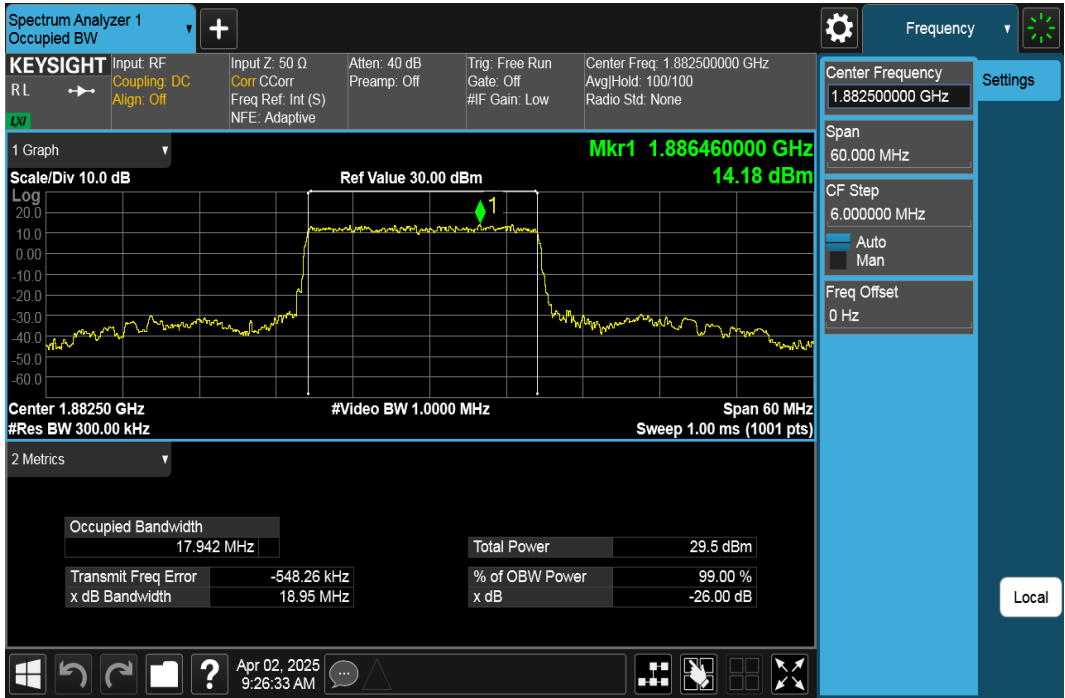
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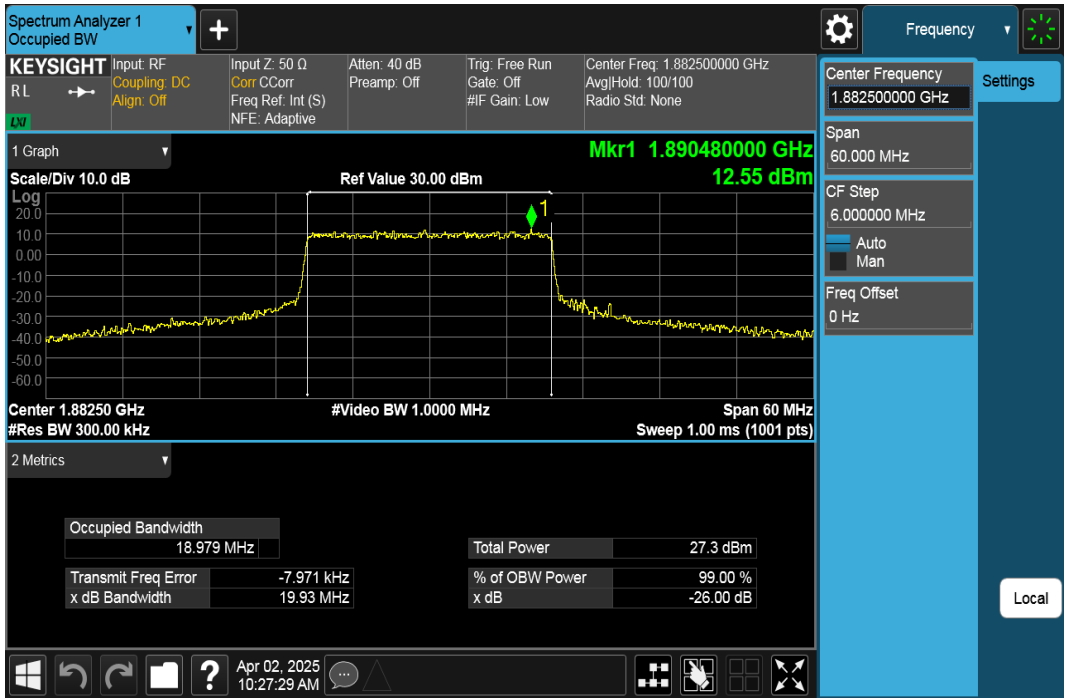
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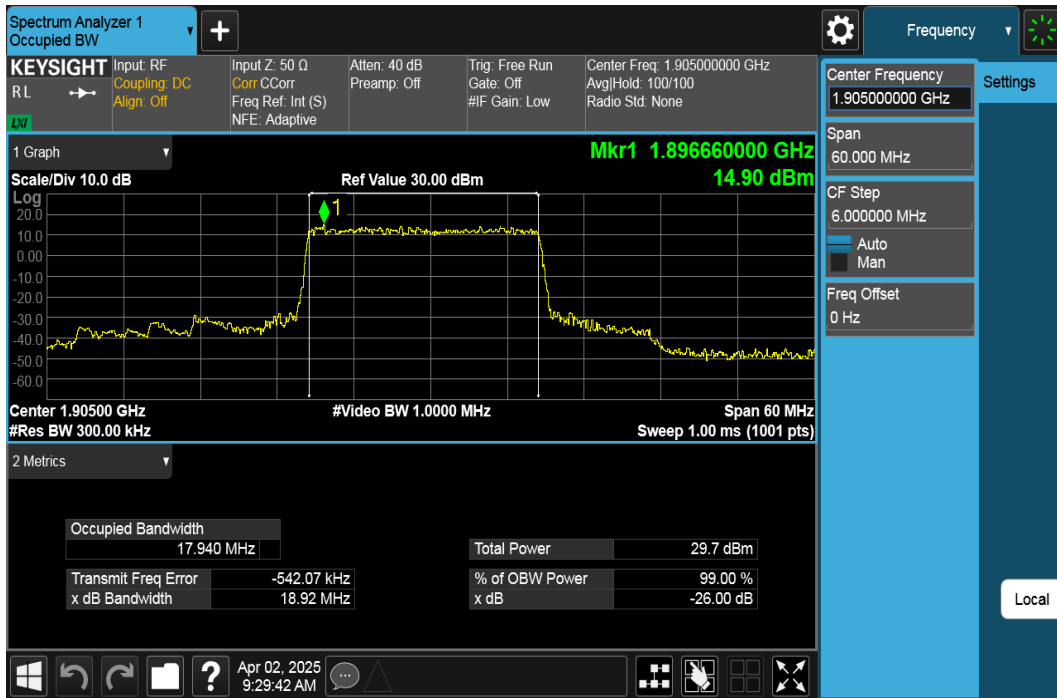
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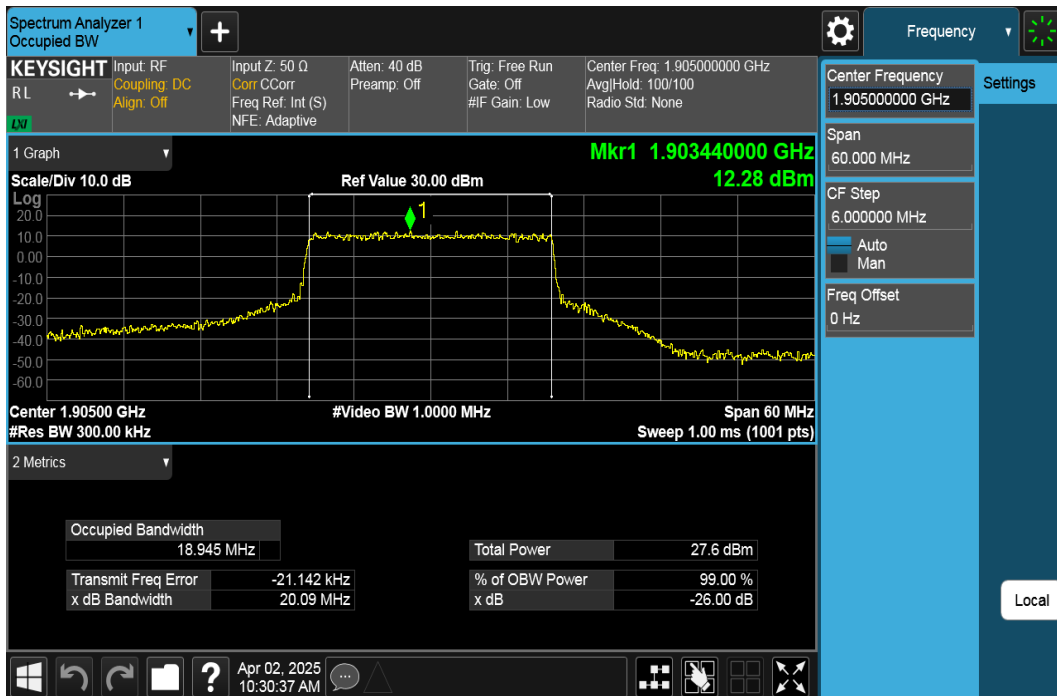
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N25-20M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-20M-OBW-HCH-CP-OFDM-QPSK-Outer_Full



PAPR Test graph

N25-5M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-5M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N25-5M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-5M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N25-5M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-5M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full



N25-10M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-10M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N25-10M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-10M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N25-10M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-10M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full



N25-15M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-15M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N25-15M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-15M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N25-15M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-15M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full



N25-20M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N25-20M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N25-20M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



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N25-20M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



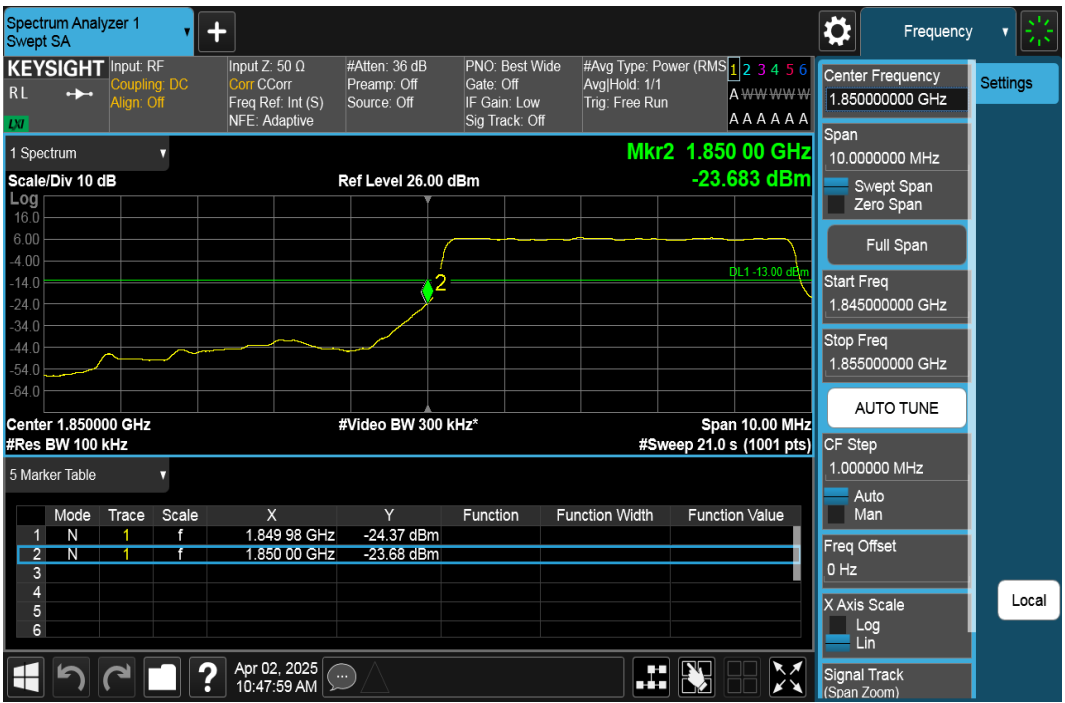
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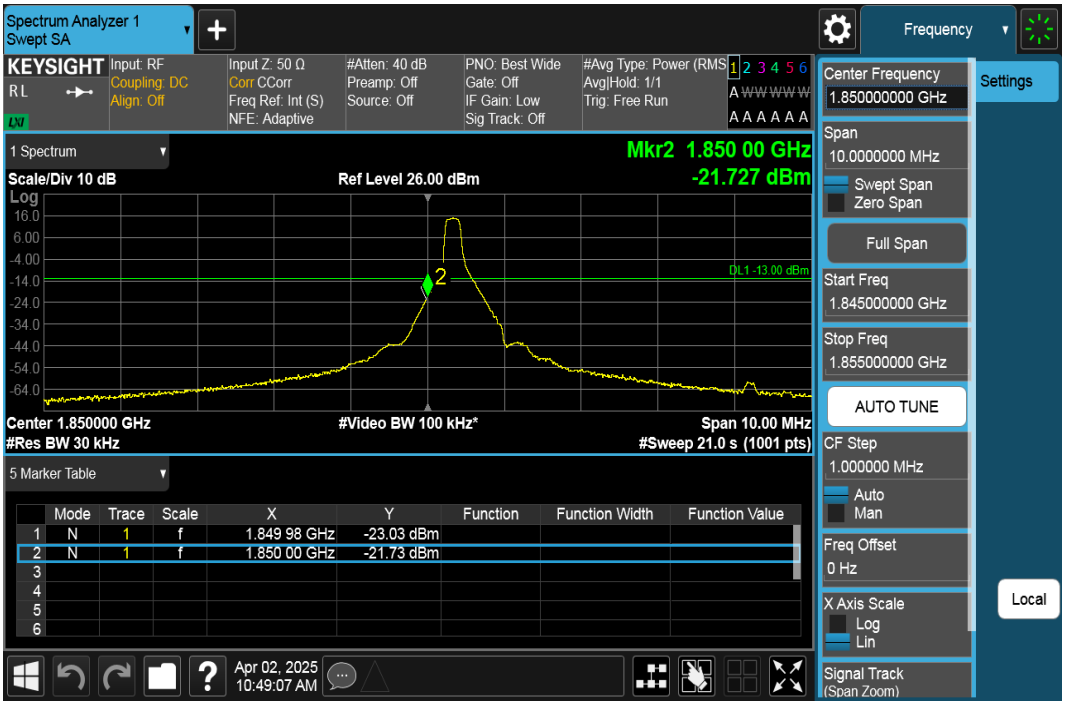
Bandedge

test graph

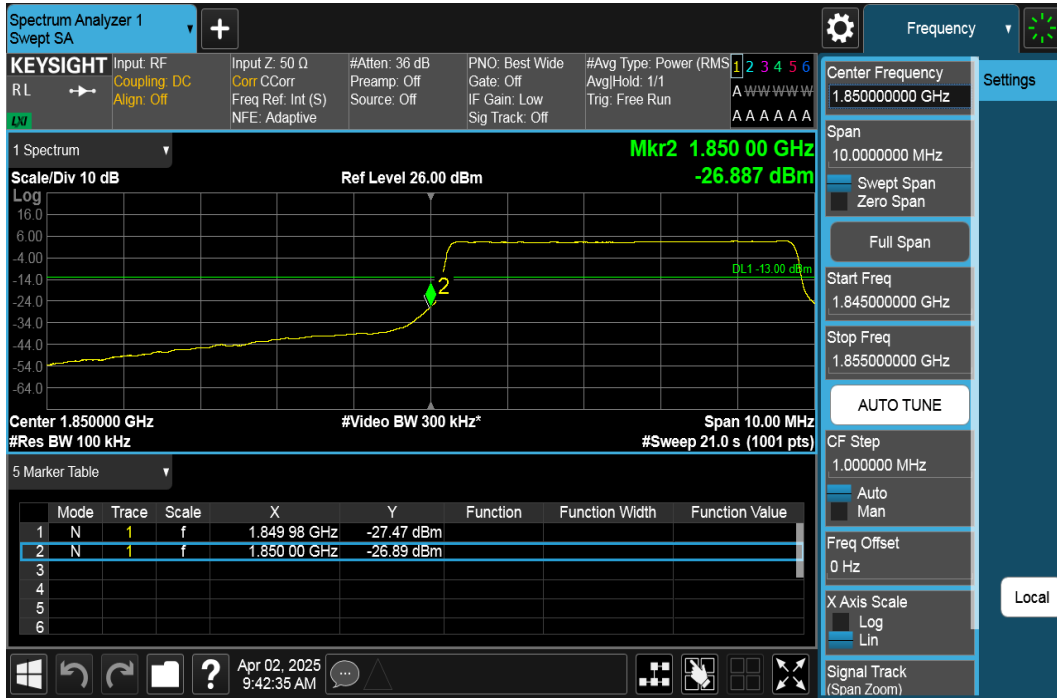
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N25-5M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-1RB0



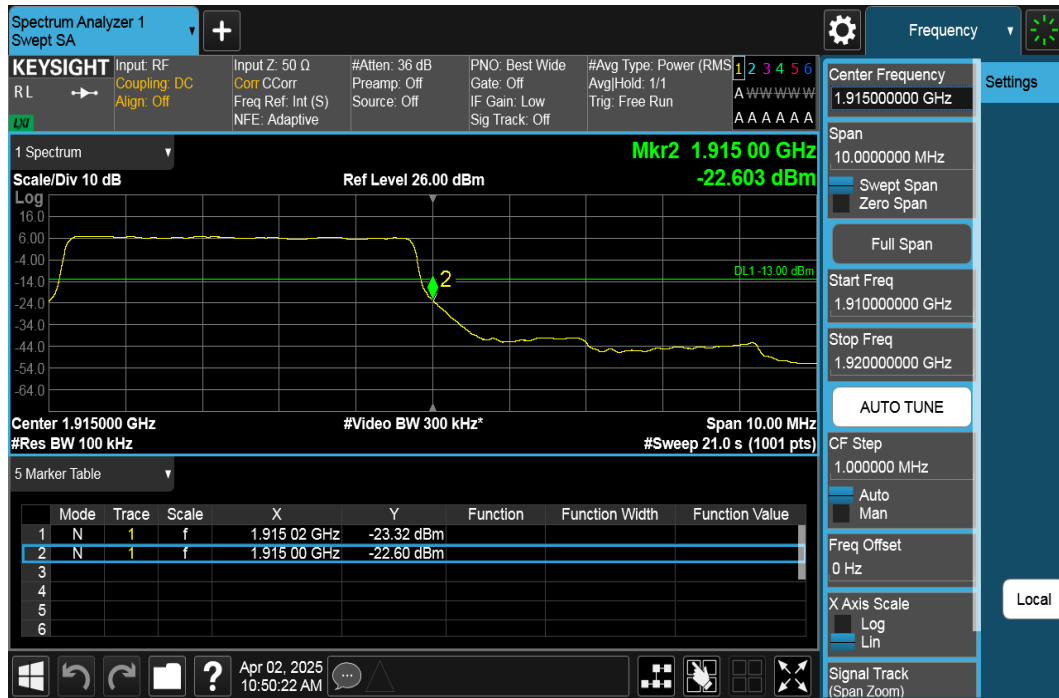
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N25-5M-Bandedge-LCH-CP-OFDM-QPSK-1RB0



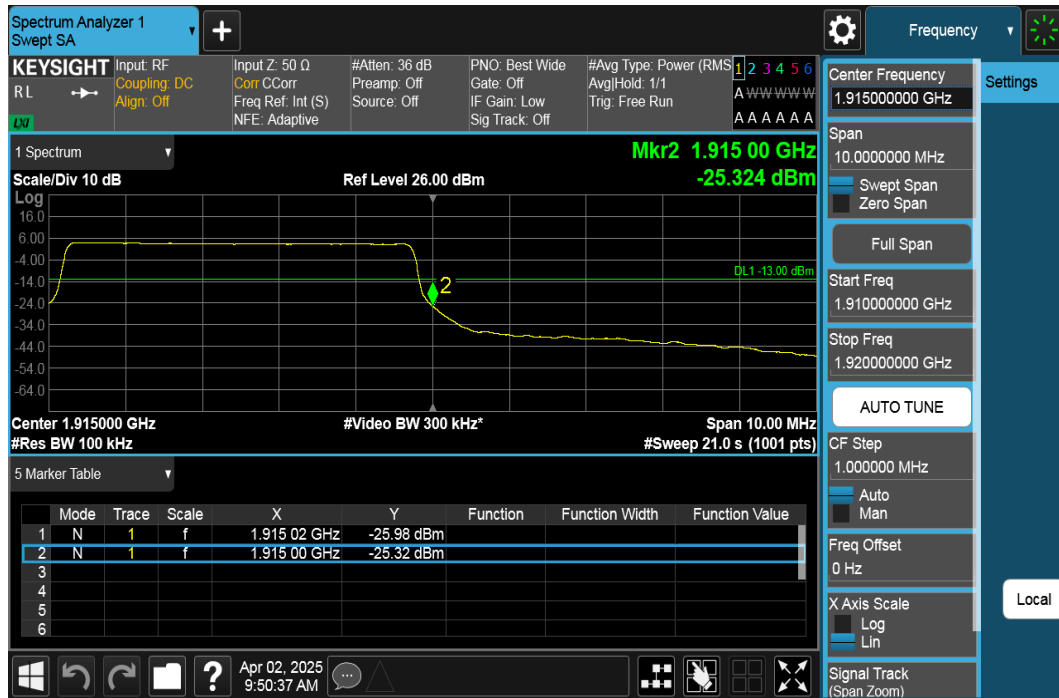
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N25-5M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



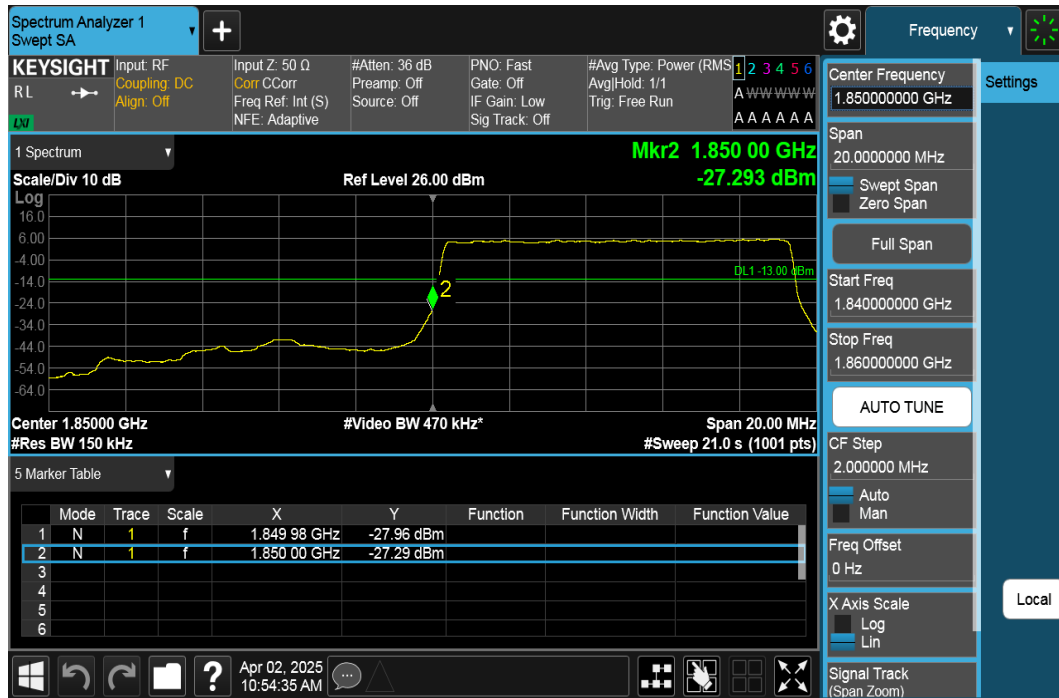
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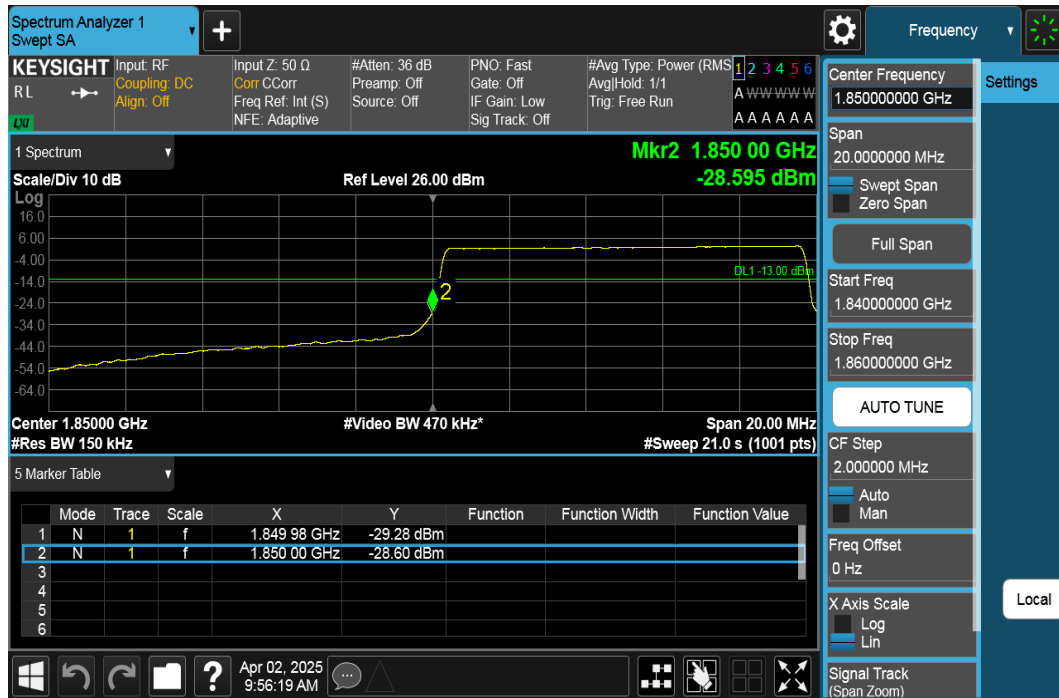
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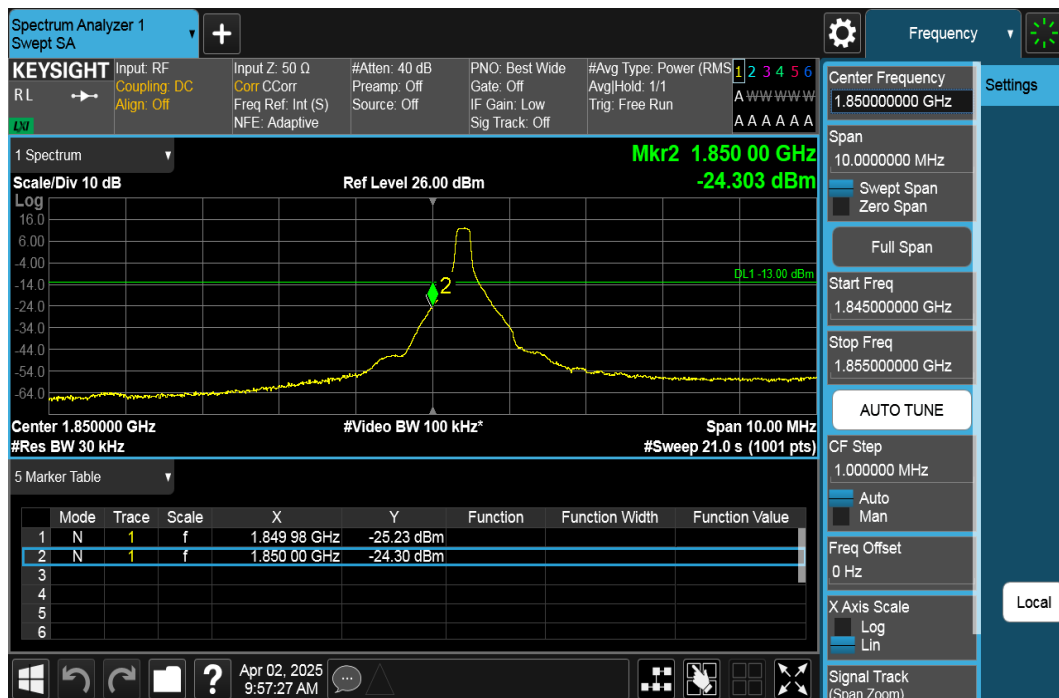
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N25-10M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full



N25-10M-Bandedge-LCH-CP-OFDM-QPSK-1RB0



N25-10M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outter_Full



N25-10M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



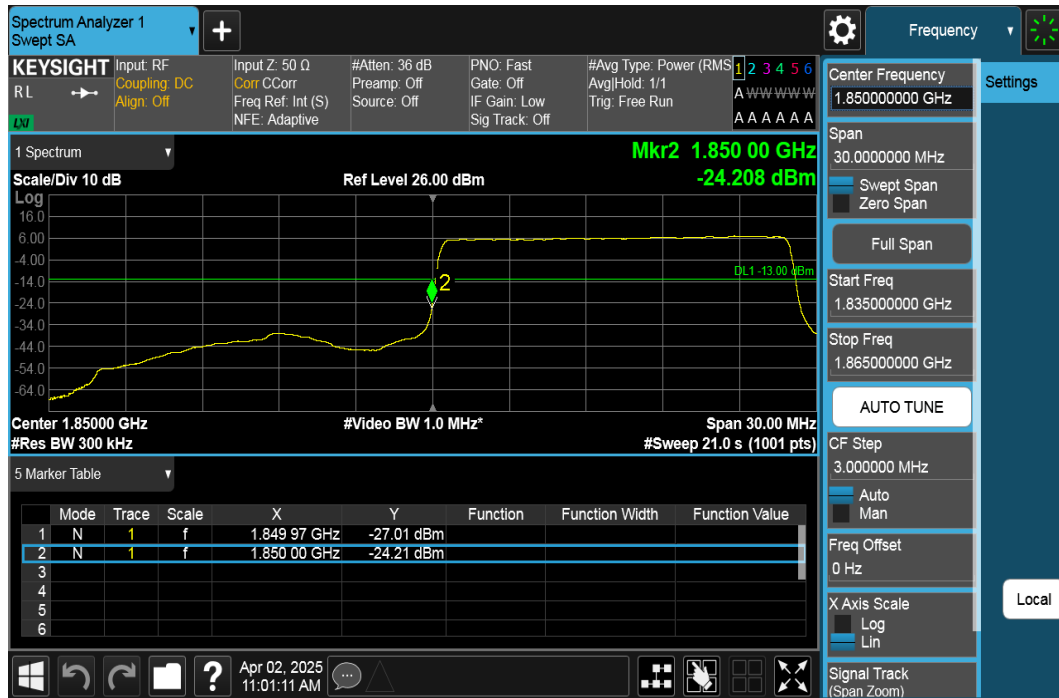
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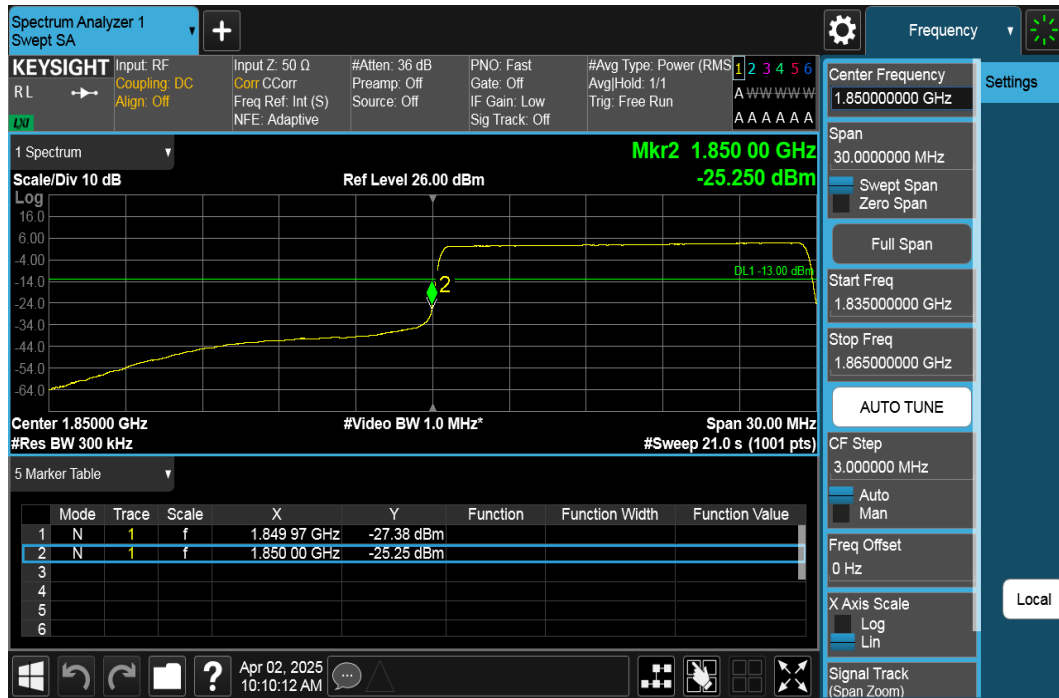
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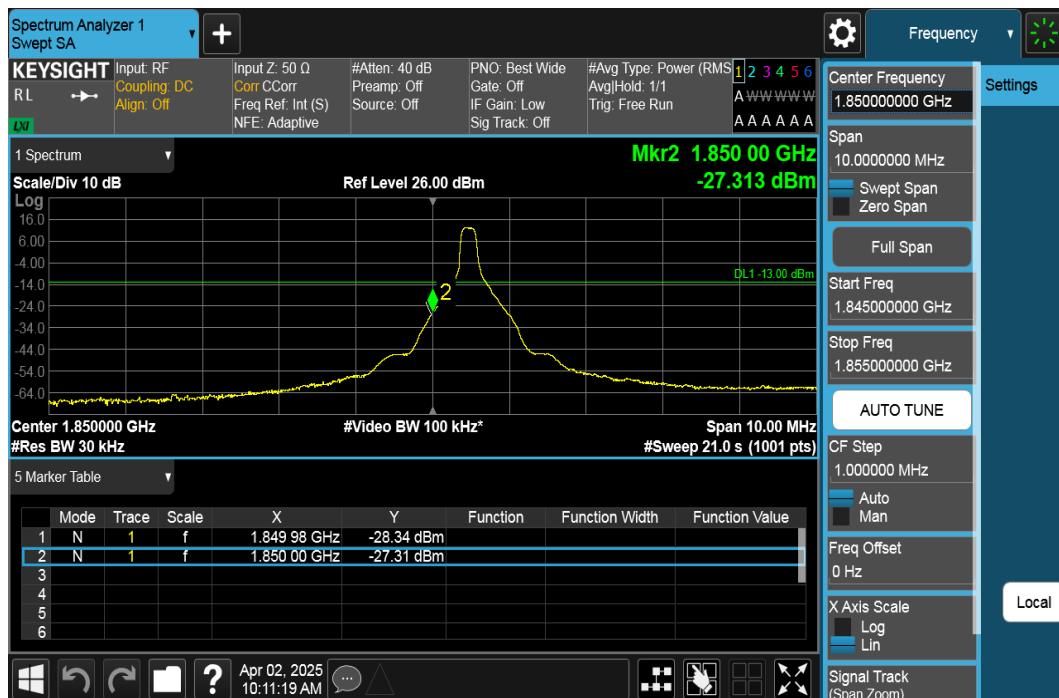
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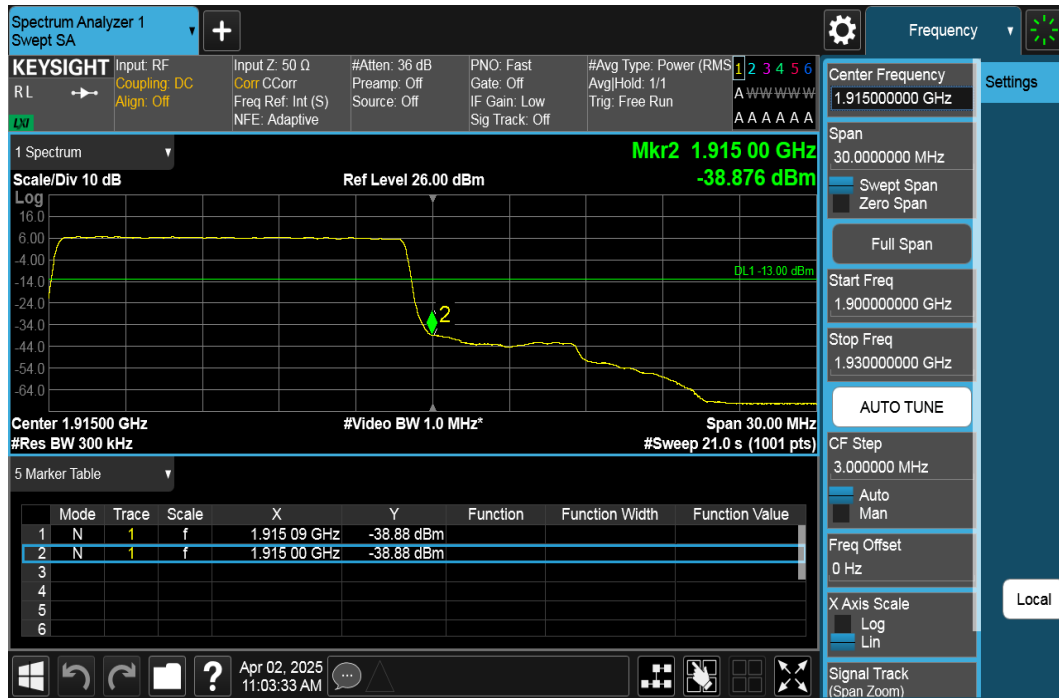
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N25-15M-Bandedge-LCH-CP-OFDM-QPSK-1RB0



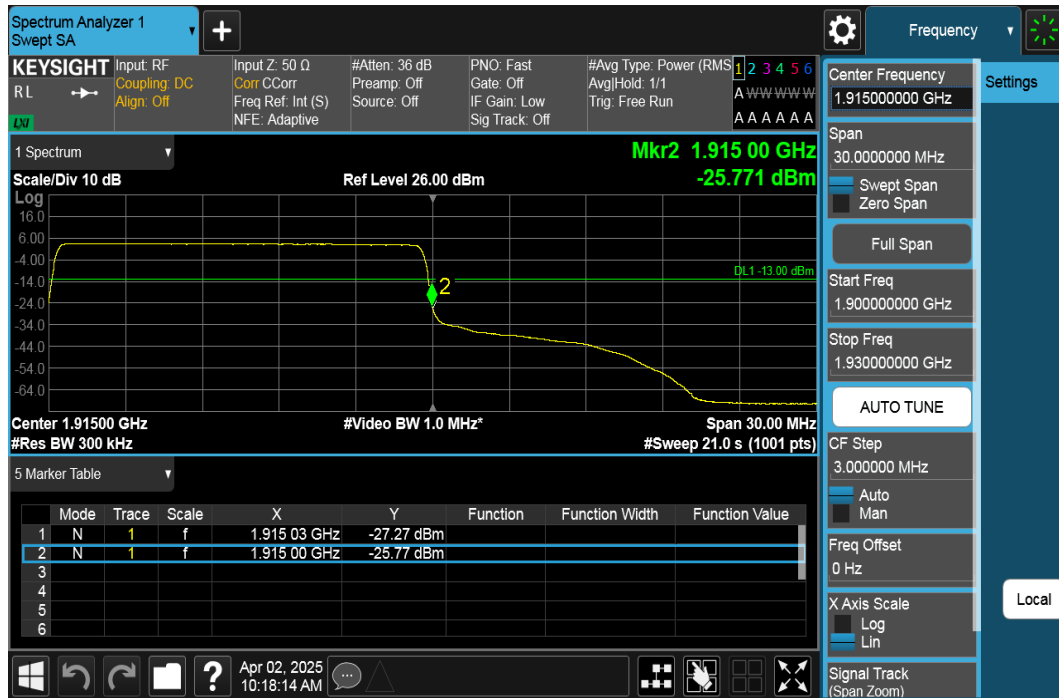
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N25-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



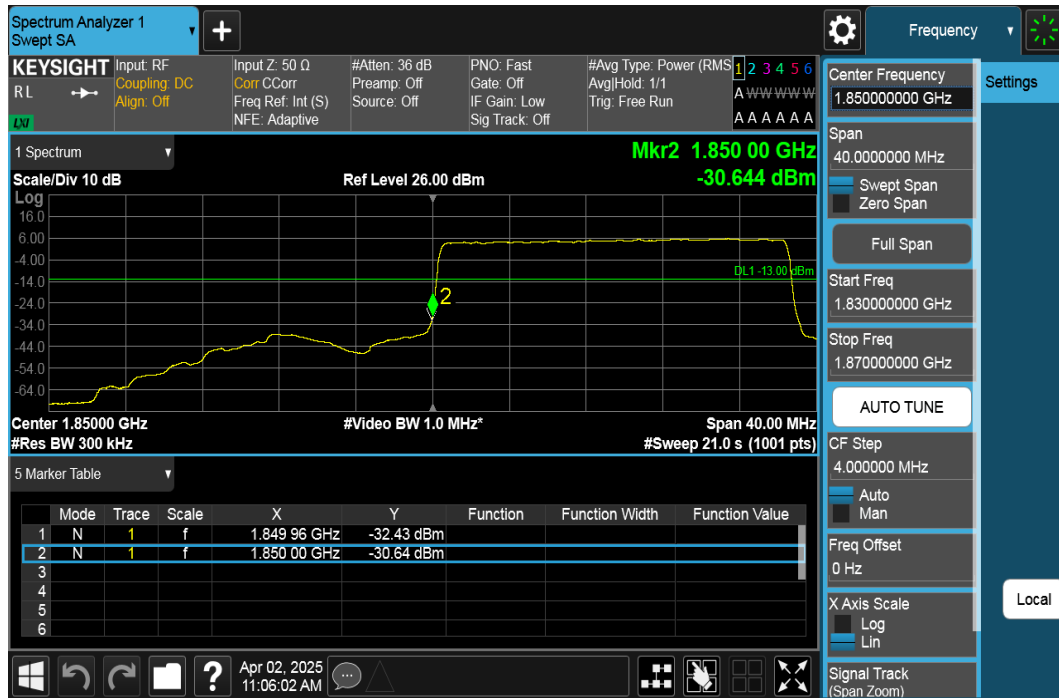
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N25-15M-Bandedge-HCH-CP-OFDM-QPSK-1RB_MAX



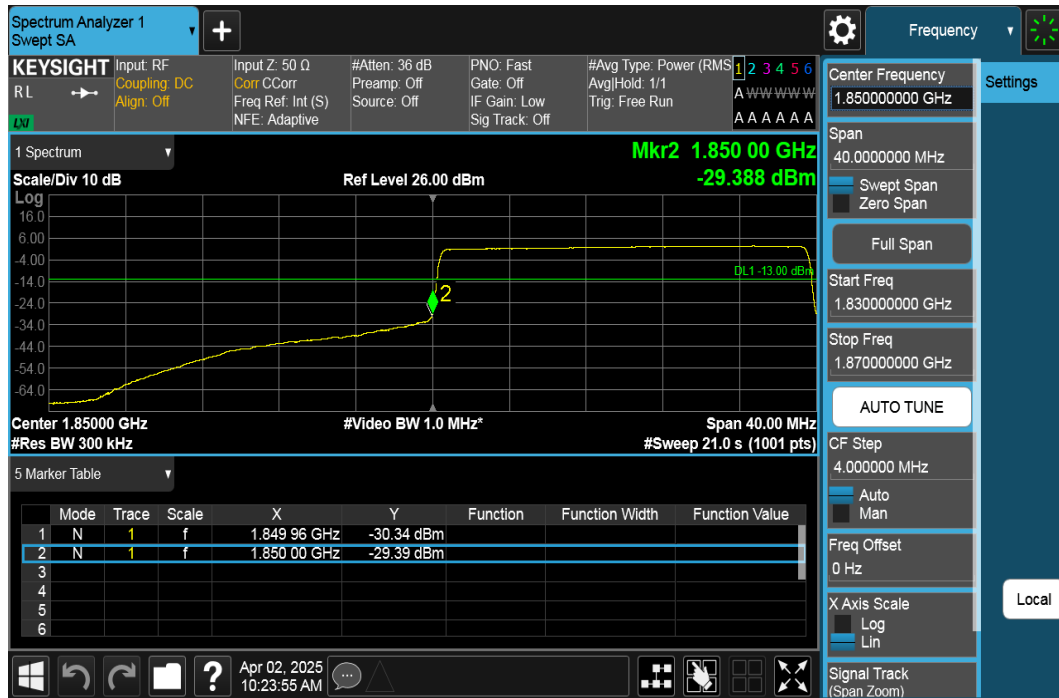
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N25-20M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full



N25-20M-Bandedge-LCH-CP-OFDM-QPSK-1RB0

