

99% & 26dB Bandwidth

Test Result

5G NR N26a(824-849MHz) 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	4.4791	4.965	/	Pass
CP-OFDM QPSK		Outer_Full	4.5095	5.226	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	4.4893	5.104	/	Pass
CP-OFDM QPSK		Outer_Full	4.497	5.167	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.4963	5.267	/	Pass
CP-OFDM QPSK		Outer_Full	4.5274	5.265	/	Pass

5G NR N26a(824-849MHz) 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	8.9791	9.752	/	Pass
CP-OFDM QPSK		Outer_Full	9.2949	10.07	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	8.9449	9.772	/	Pass
CP-OFDM QPSK		Outer_Full	9.3192	10.19	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.9694	9.657	/	Pass
CP-OFDM QPSK		Outer_Full	9.337	10	/	Pass

5G NR N26a(824-849MHz) 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	13.488	14.54	/	Pass
CP-OFDM QPSK		Outer_Full	14.167	15.12	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	13.494	14.46	/	Pass
CP-OFDM QPSK		Outer_Full	14.157	15.12	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	13.499	14.41	/	Pass
CP-OFDM QPSK		Outer_Full	14.138	15.08	/	Pass

5G NR N26a(824-849MHz) 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	17.923	18.92	/	Pass
CP-OFDM QPSK		Outer_Full	18.99	20.62	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	17.896	18.92	/	Pass
CP-OFDM QPSK		Outer_Full	18.904	19.97	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.954	19.01	/	Pass
CP-OFDM QPSK		Outer_Full	18.966	19.94	/	Pass

Peak-Average Ratio

Test Result

5G NR N26a(824-849MHz) SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.63	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.01	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.72	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.06	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.76	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.05	<=13	Pass

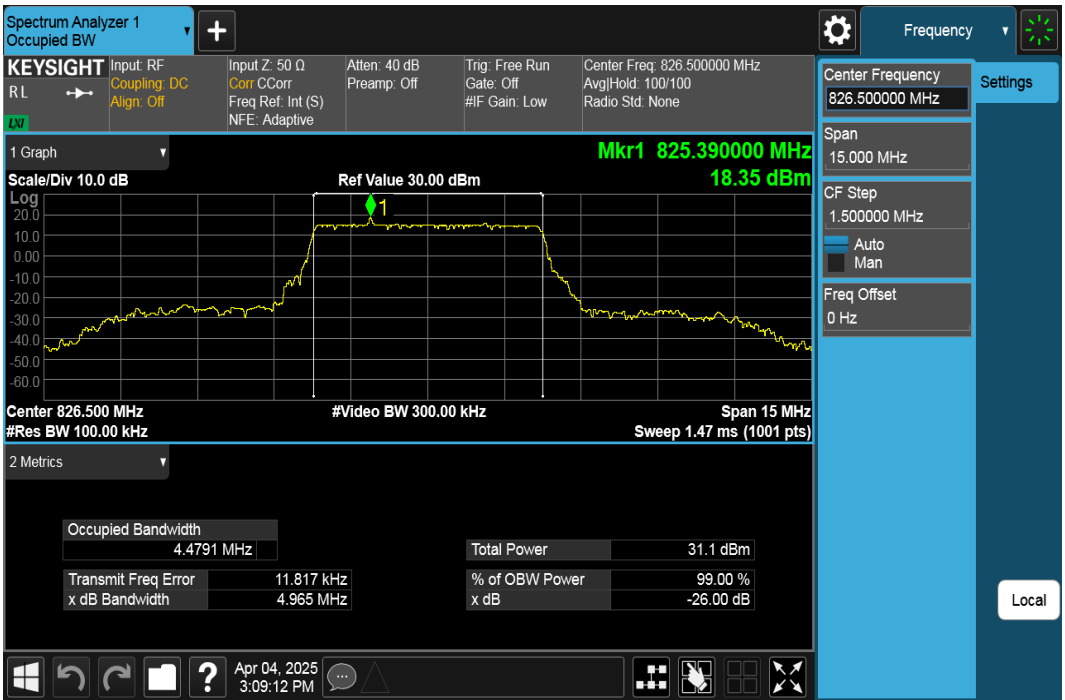
5G NR N26a(824-849MHz) SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.7	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.16	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.68	<=13	Pass
CP-OFDM QPSK		Outer_Full	5.84	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.67	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.4	<=13	Pass

5G NR N26a(824-849MHz) SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.63	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.48	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.79	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.28	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.9	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.66	<=13	Pass

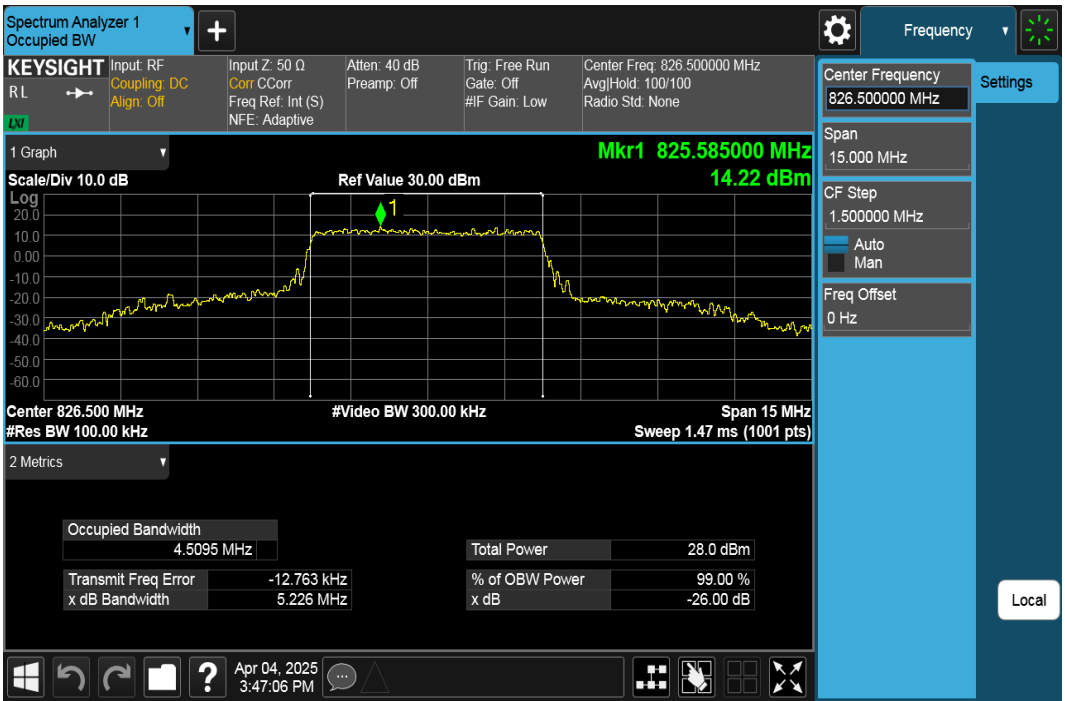
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DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.75	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.63	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.67	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.58	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.63	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.7	<=13	Pass

OBW Test graph

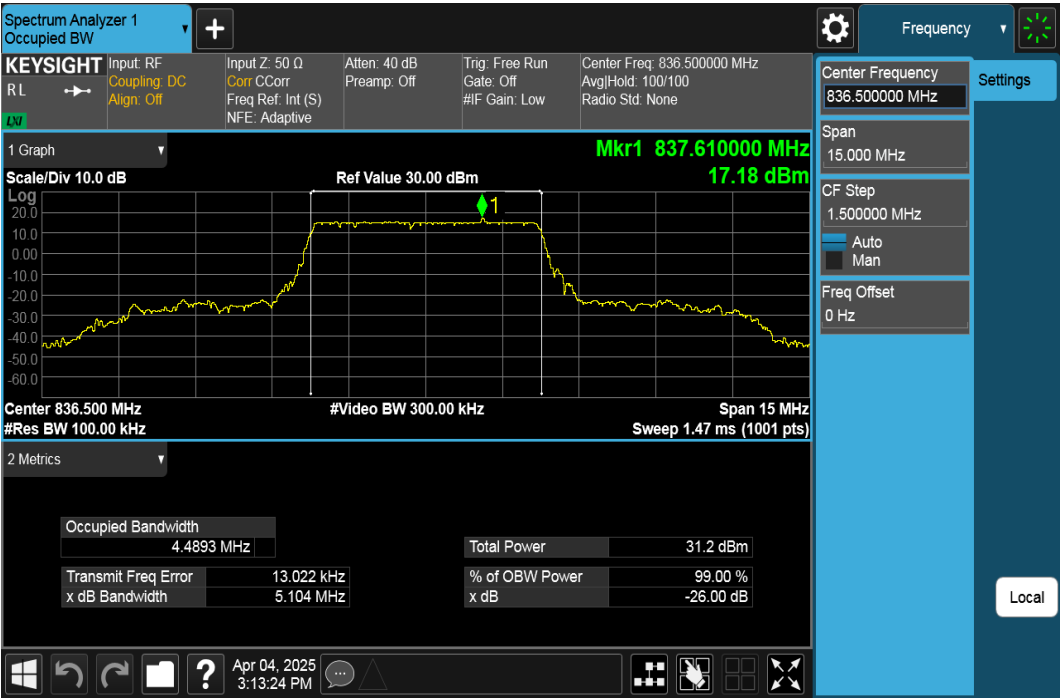
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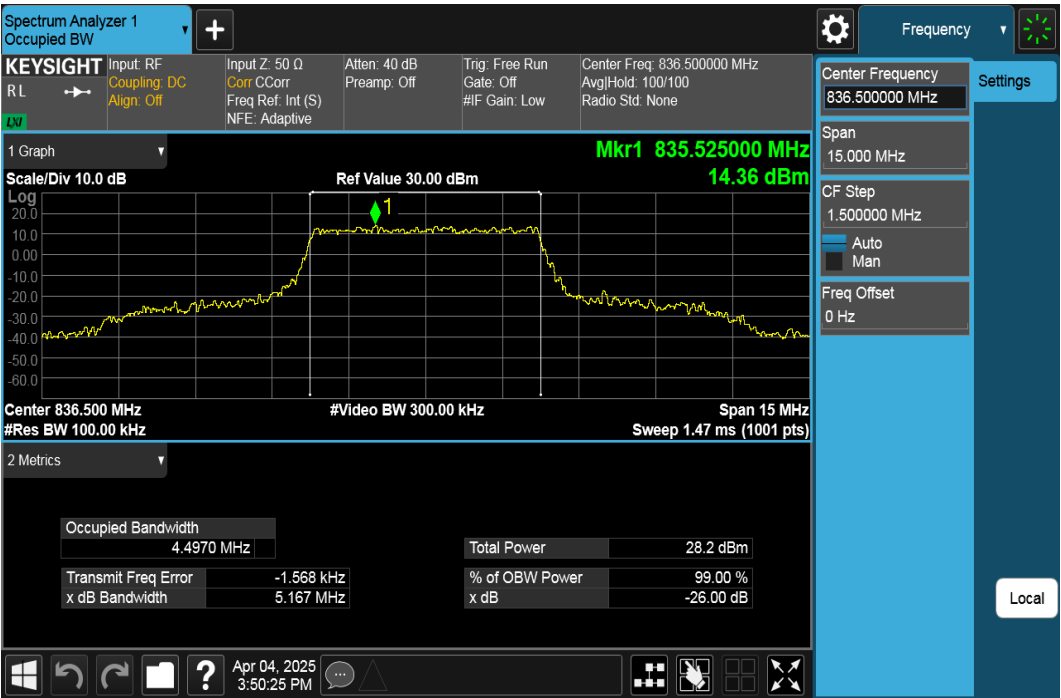
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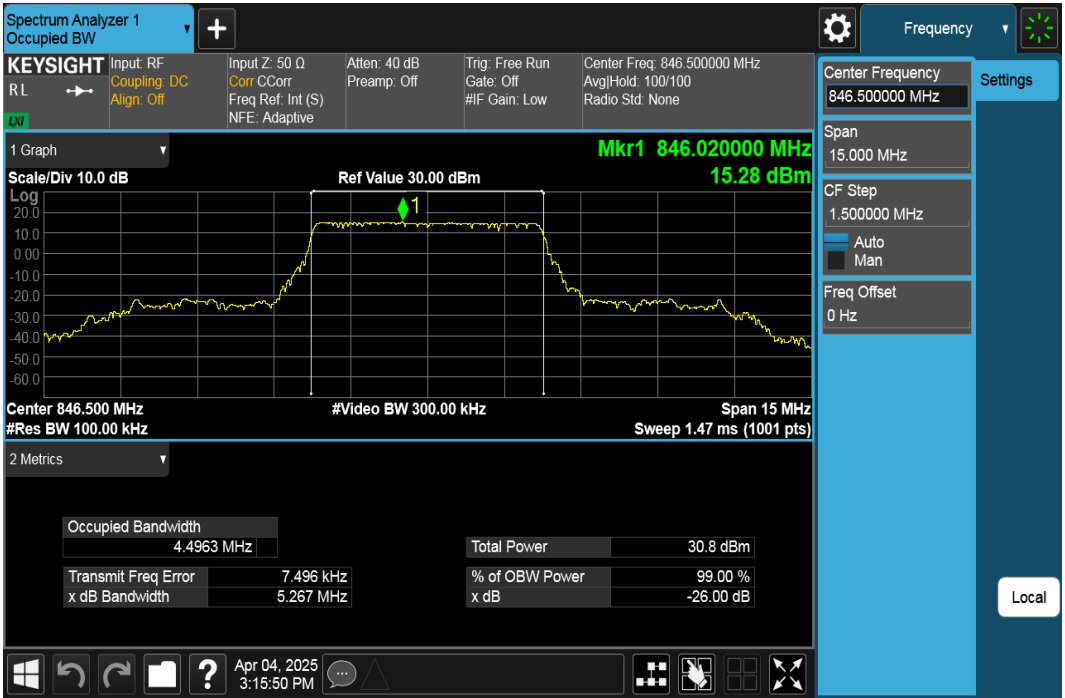
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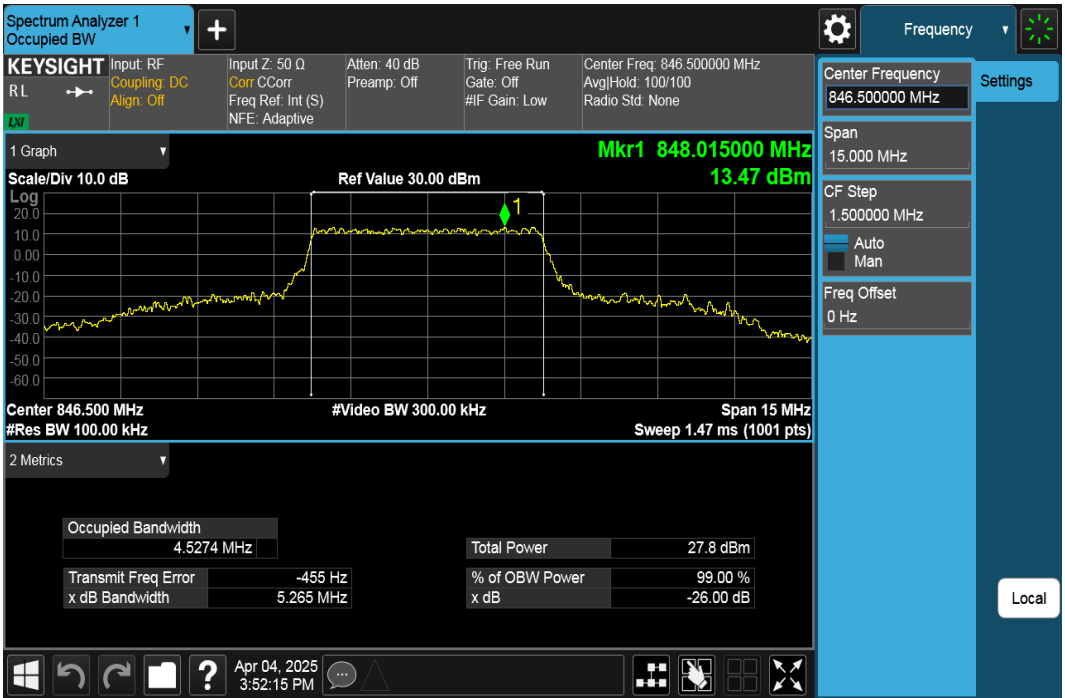
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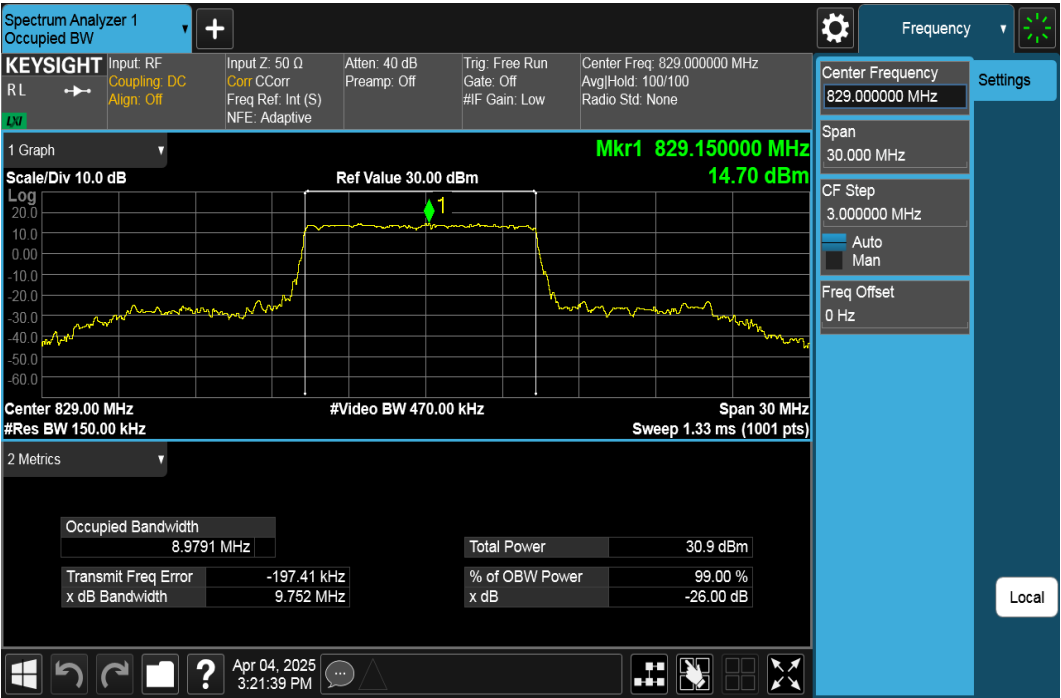
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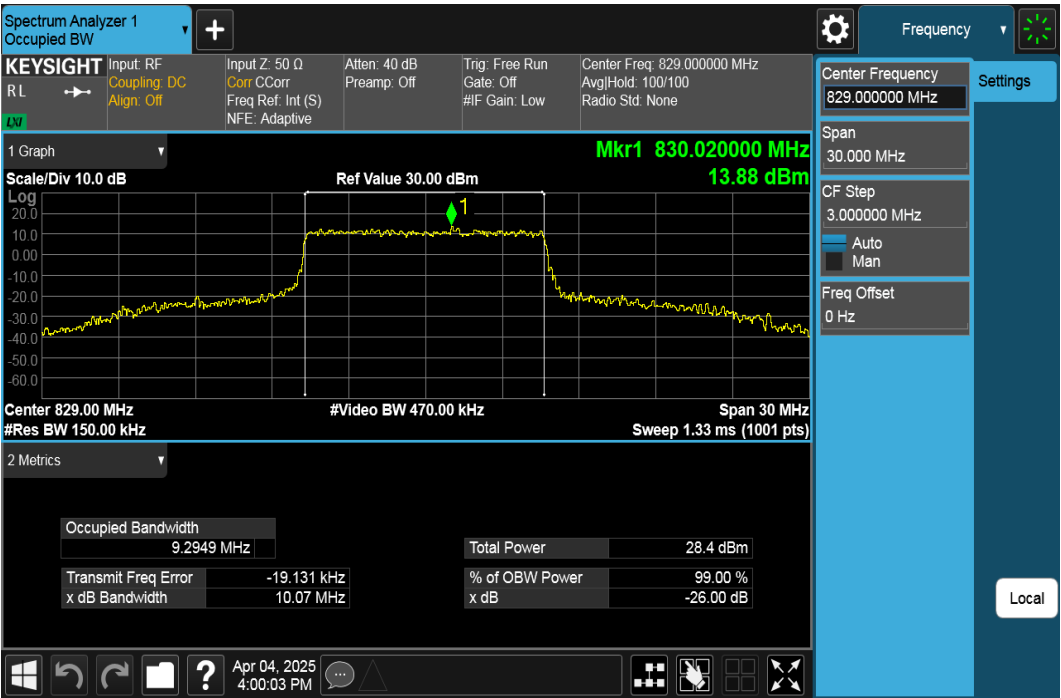
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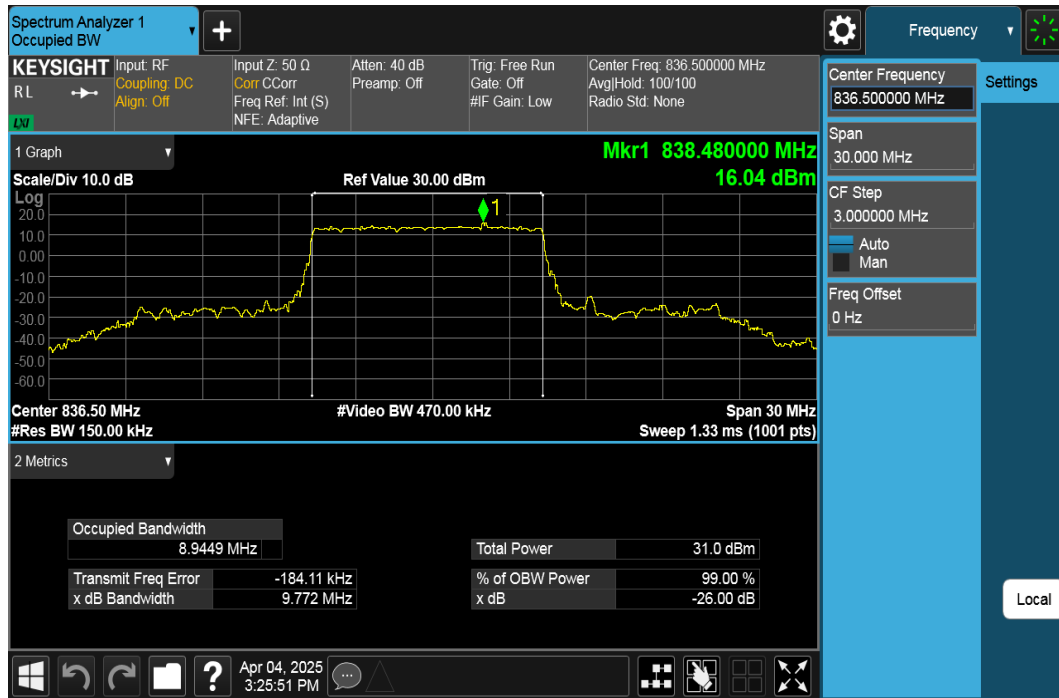
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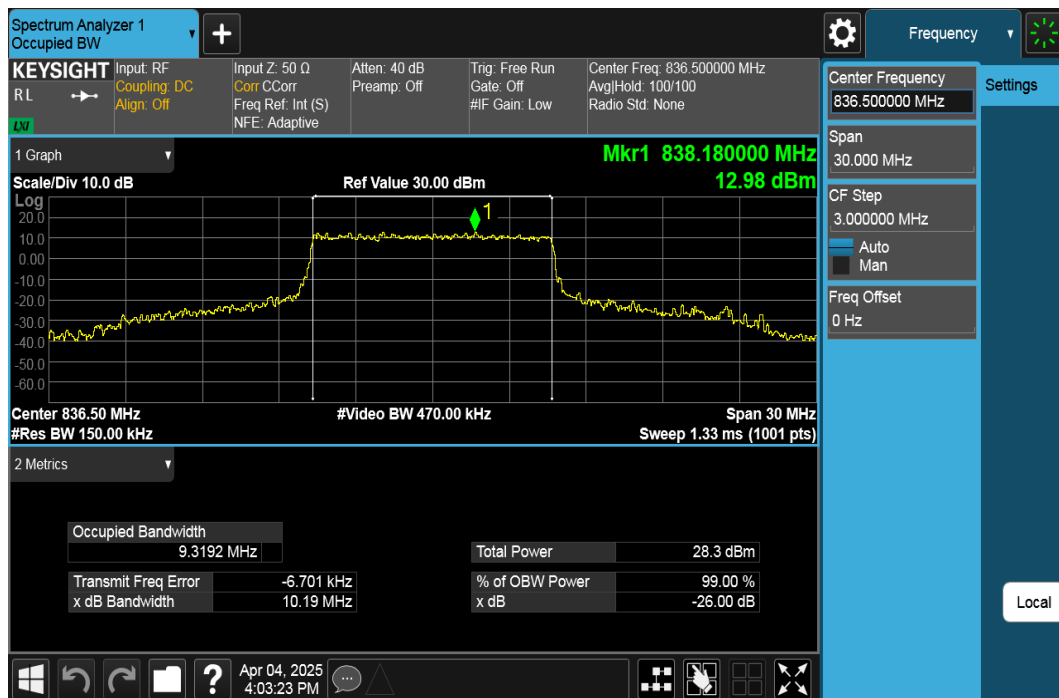
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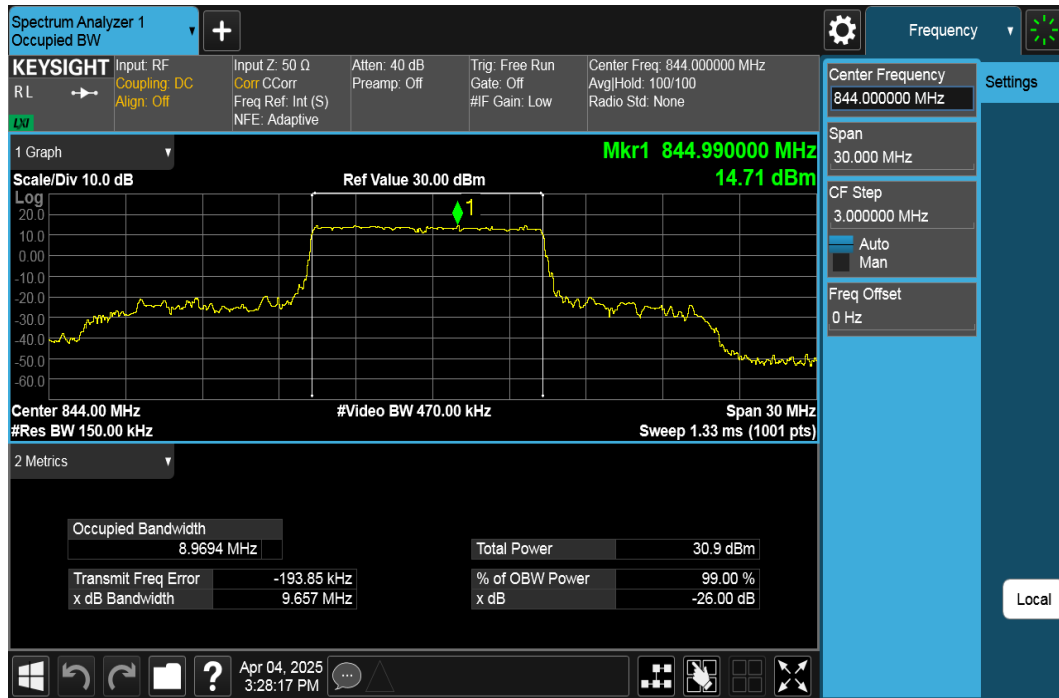
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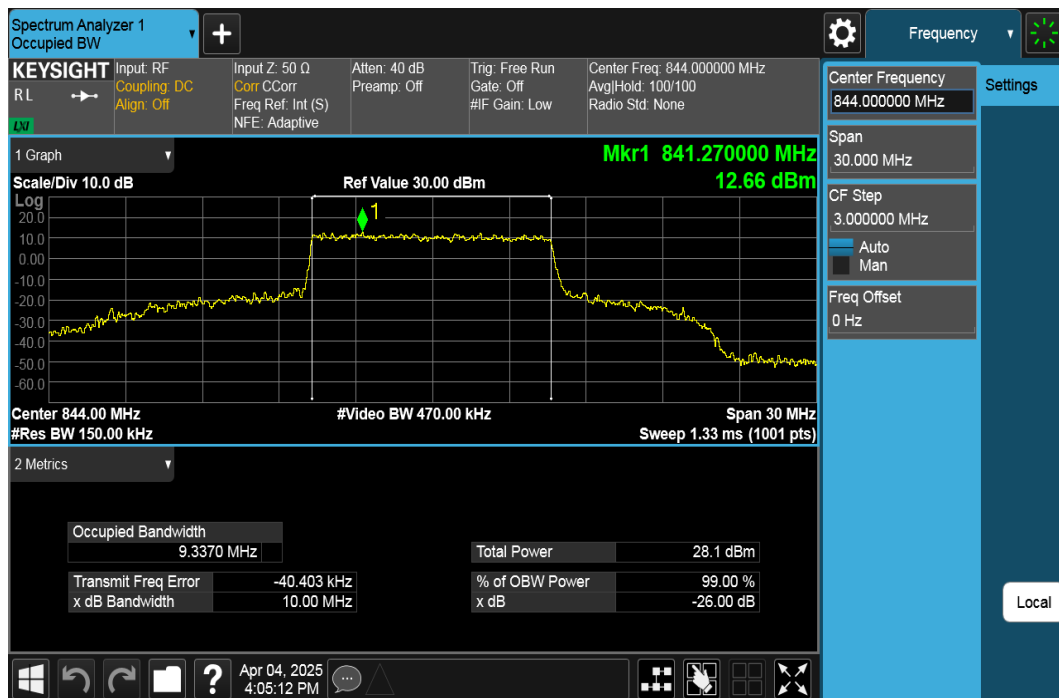
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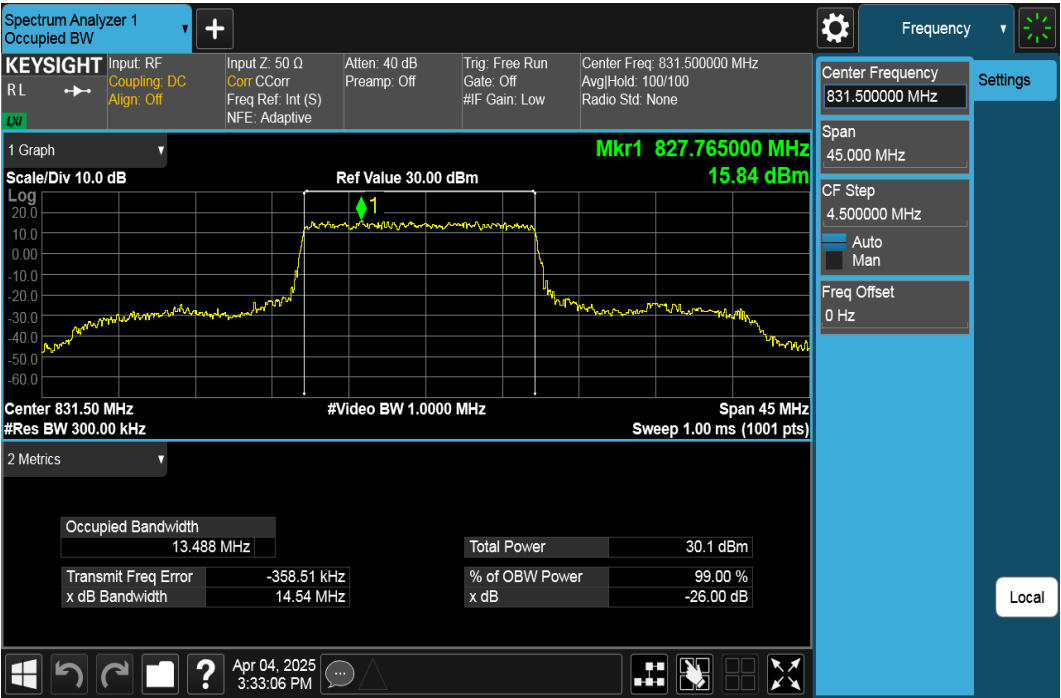
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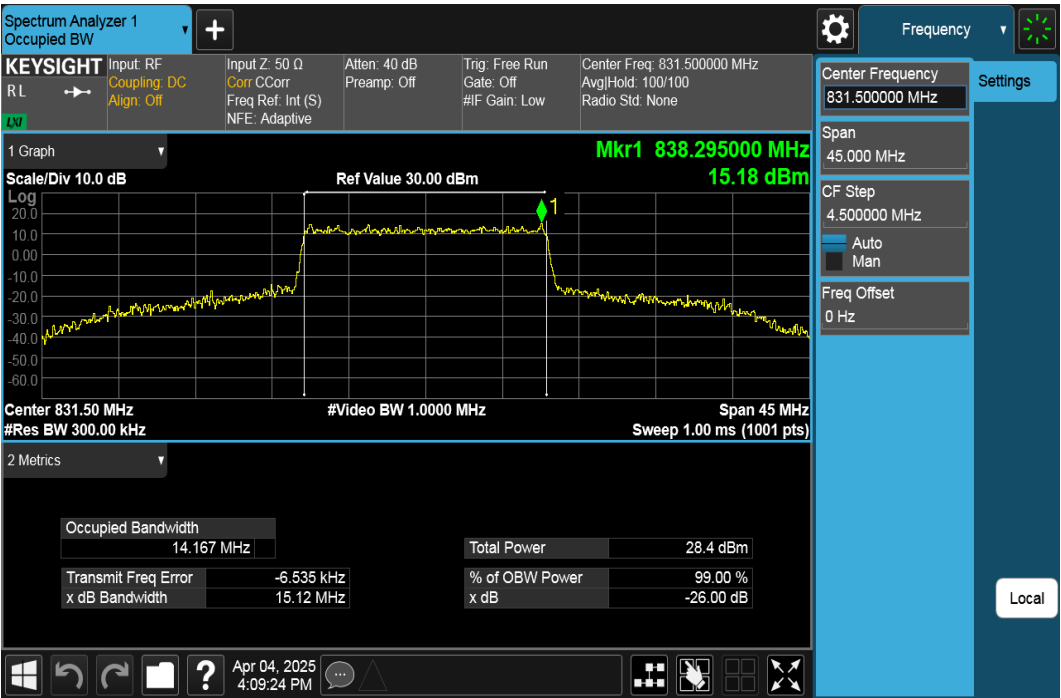
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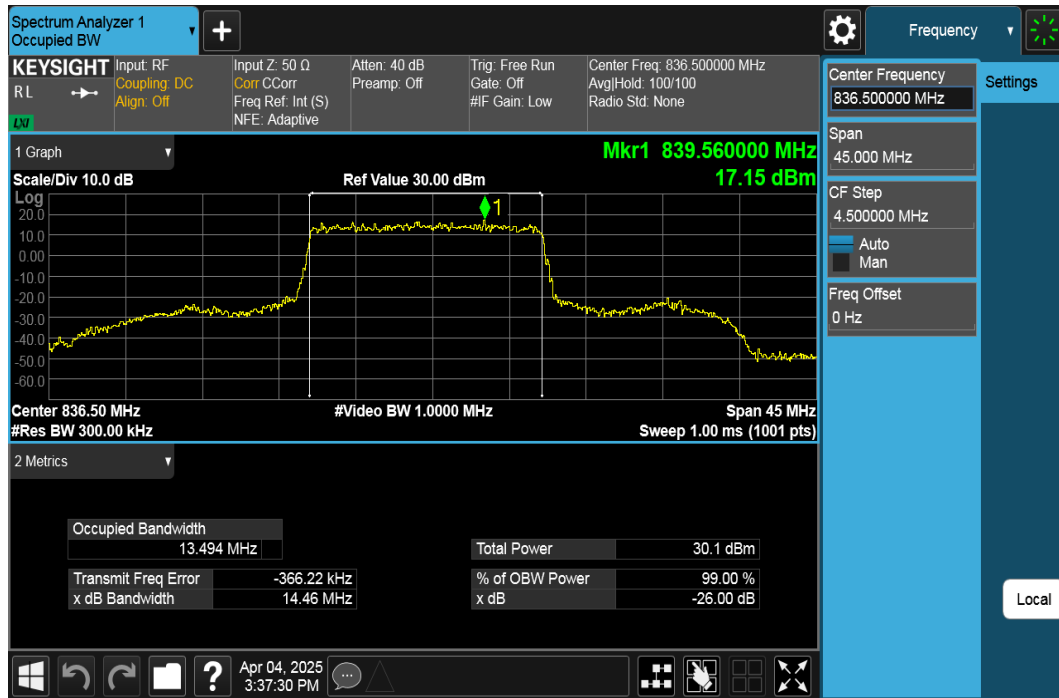
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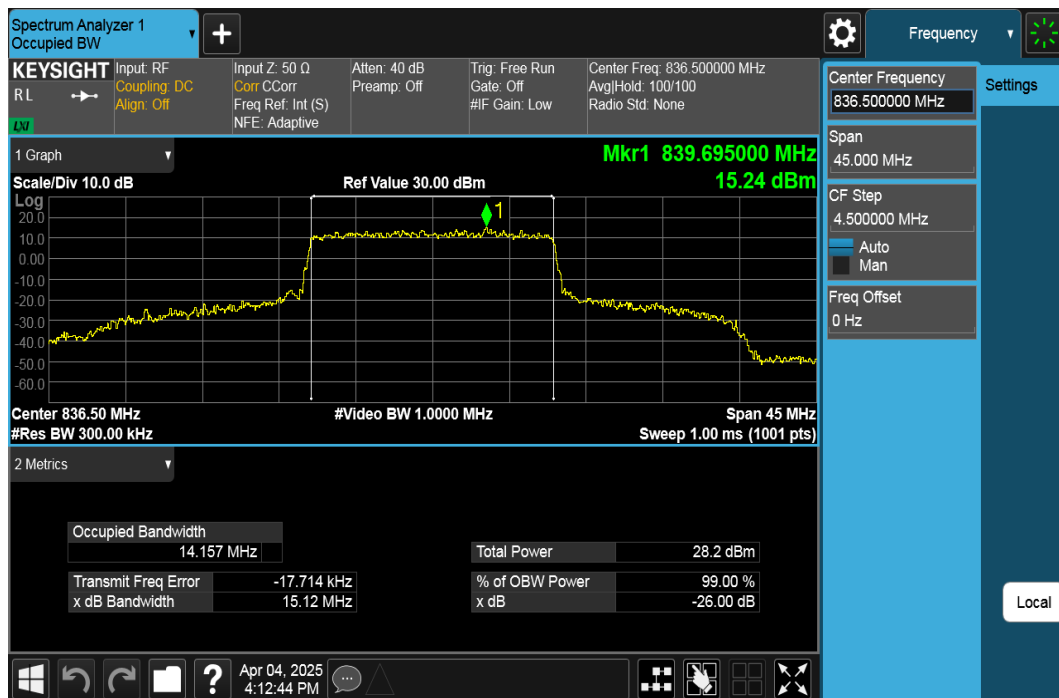
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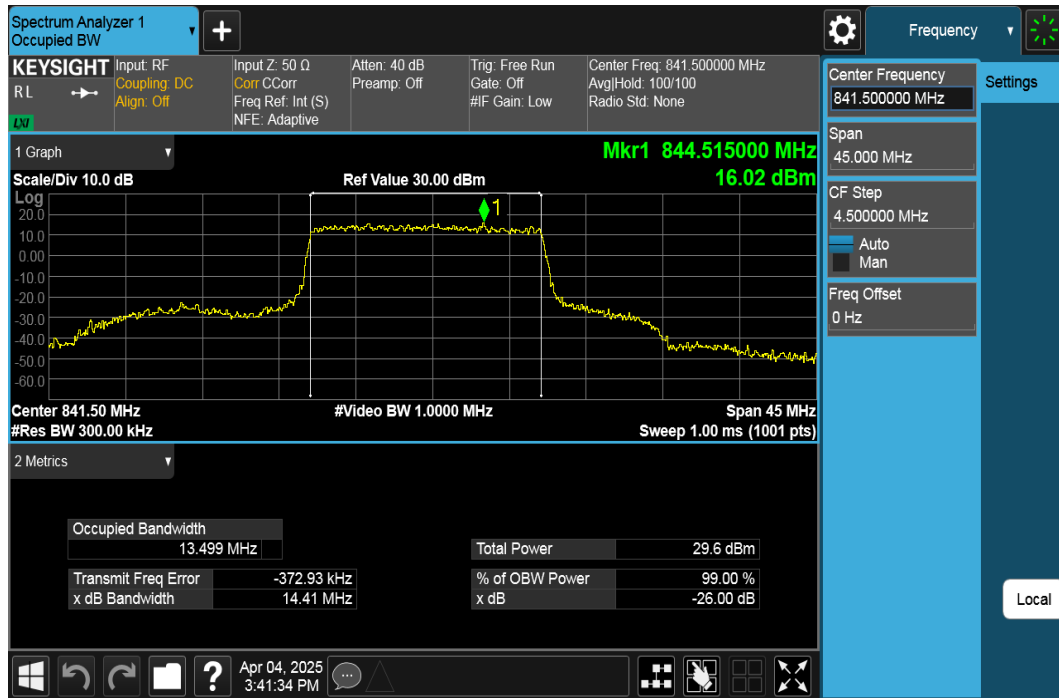
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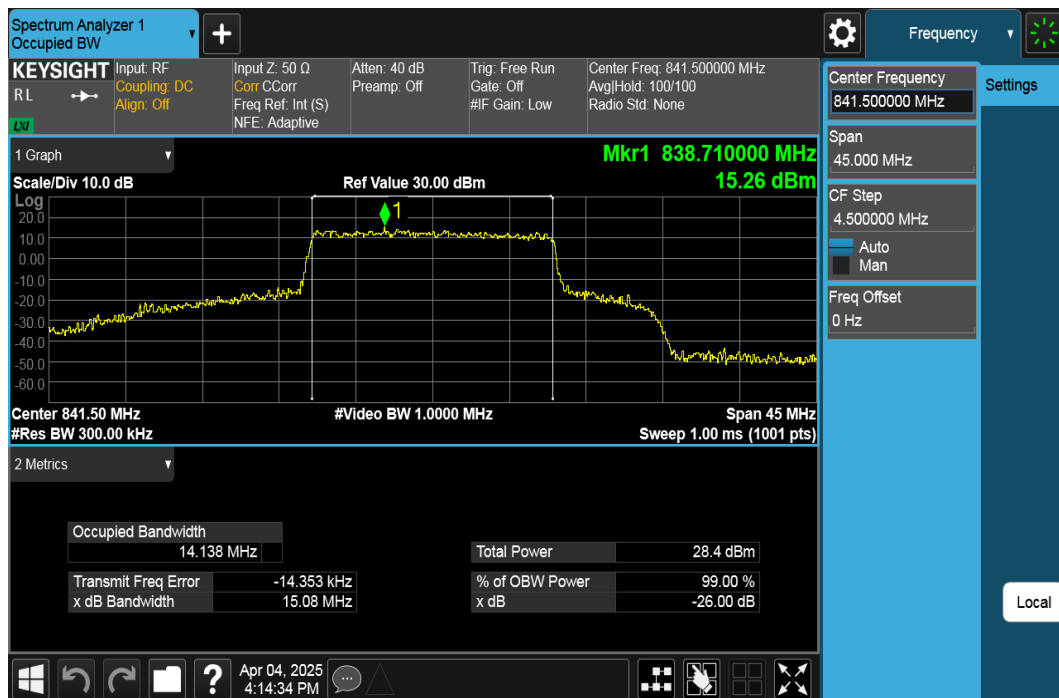
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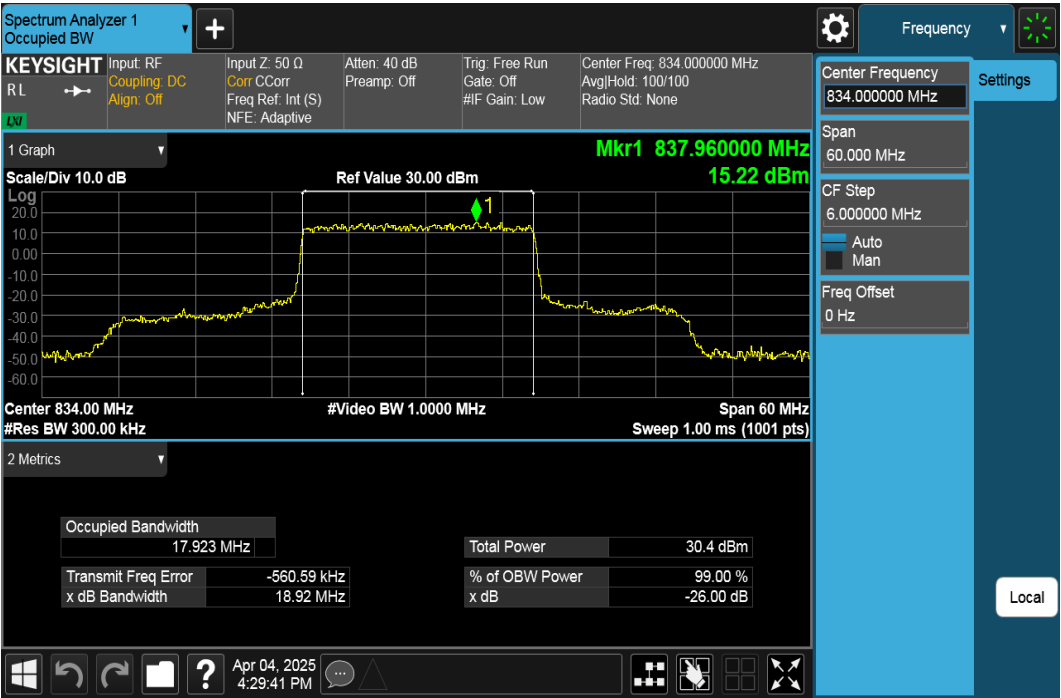
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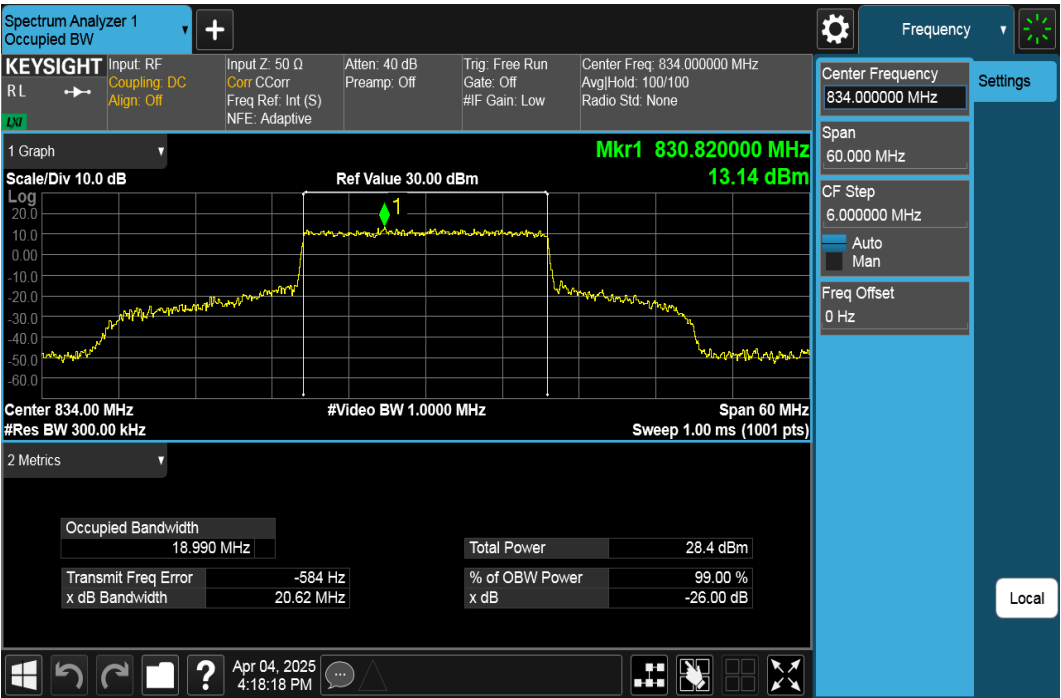
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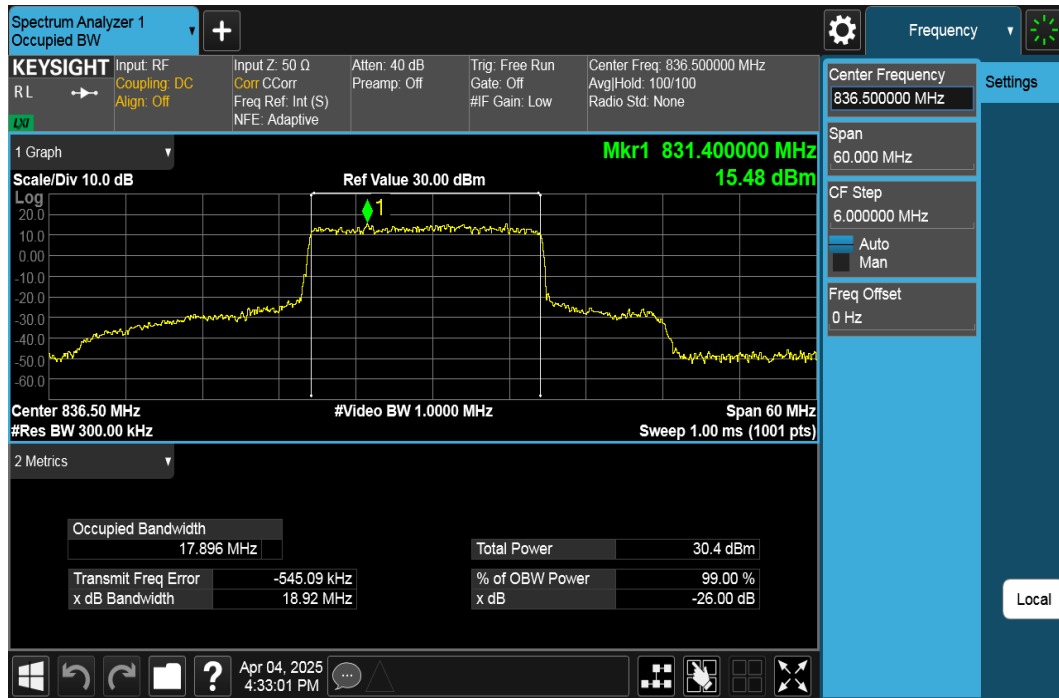
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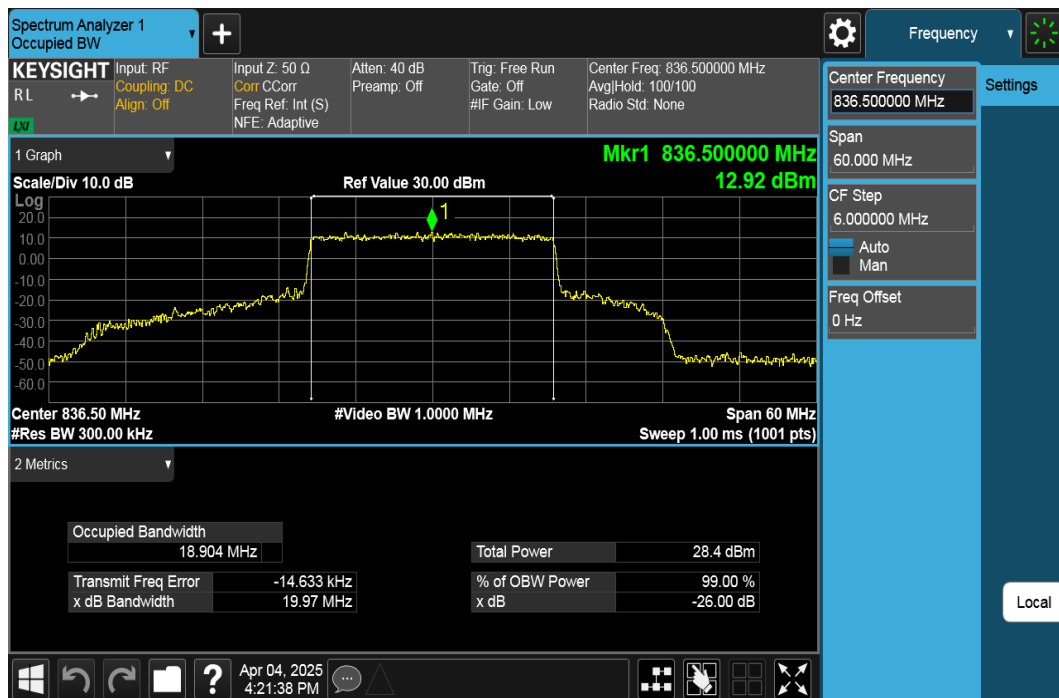
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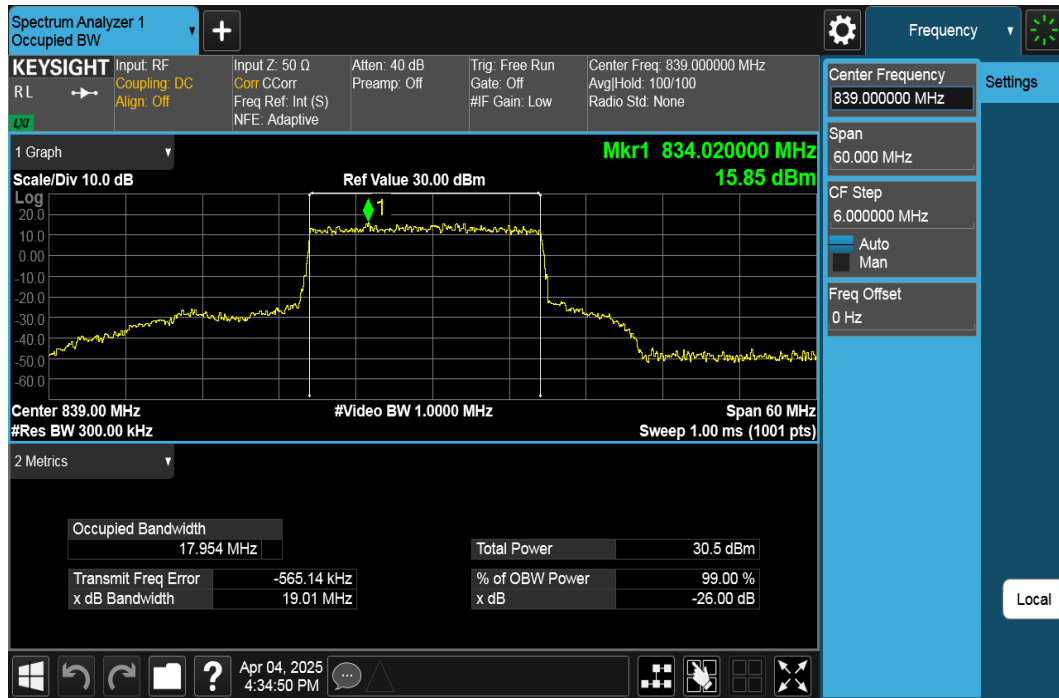
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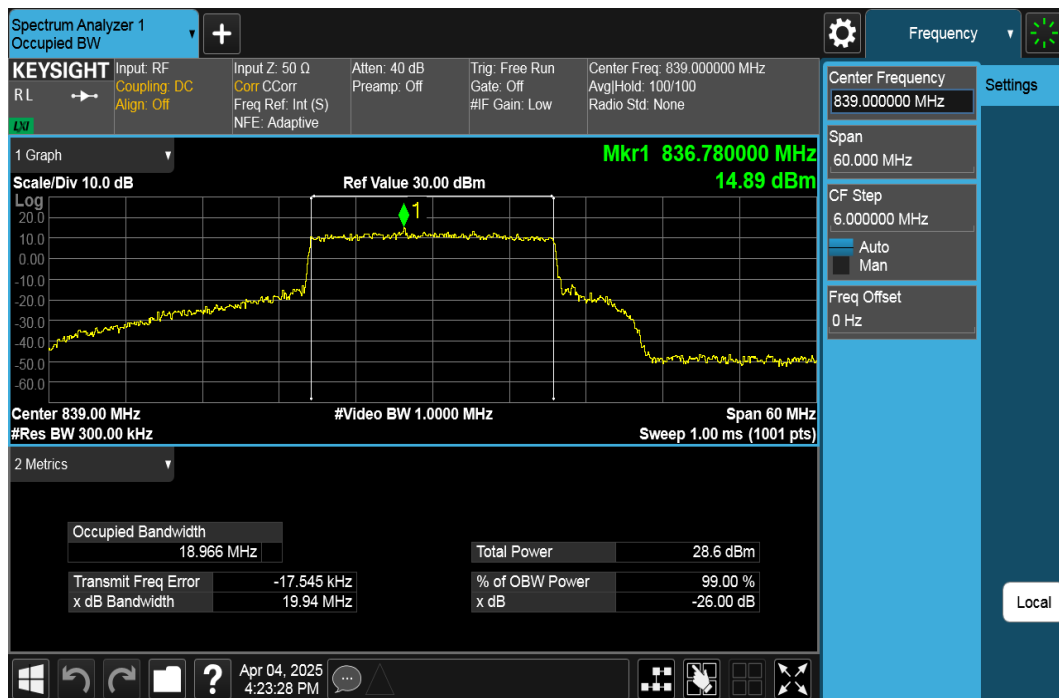
N26a(824-849MHz)-20M-OBW-MCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-20M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-20M-OBW-HCH-CP-OFDM-QPSK-Outer_Full



PAPR Test graph

N26a(824-849MHz)-5M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-5M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-5M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-5M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-5M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



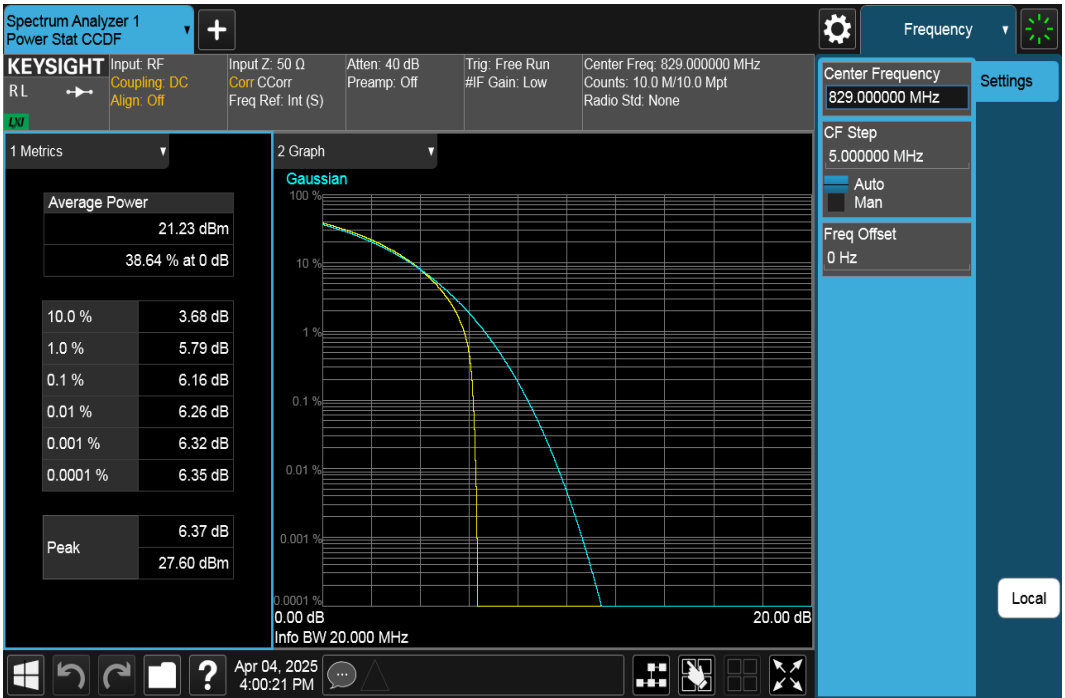
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N26a(824-849MHz)-10M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-10M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-10M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-10M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-10M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-10M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-15M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-15M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-15M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-15M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-15M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



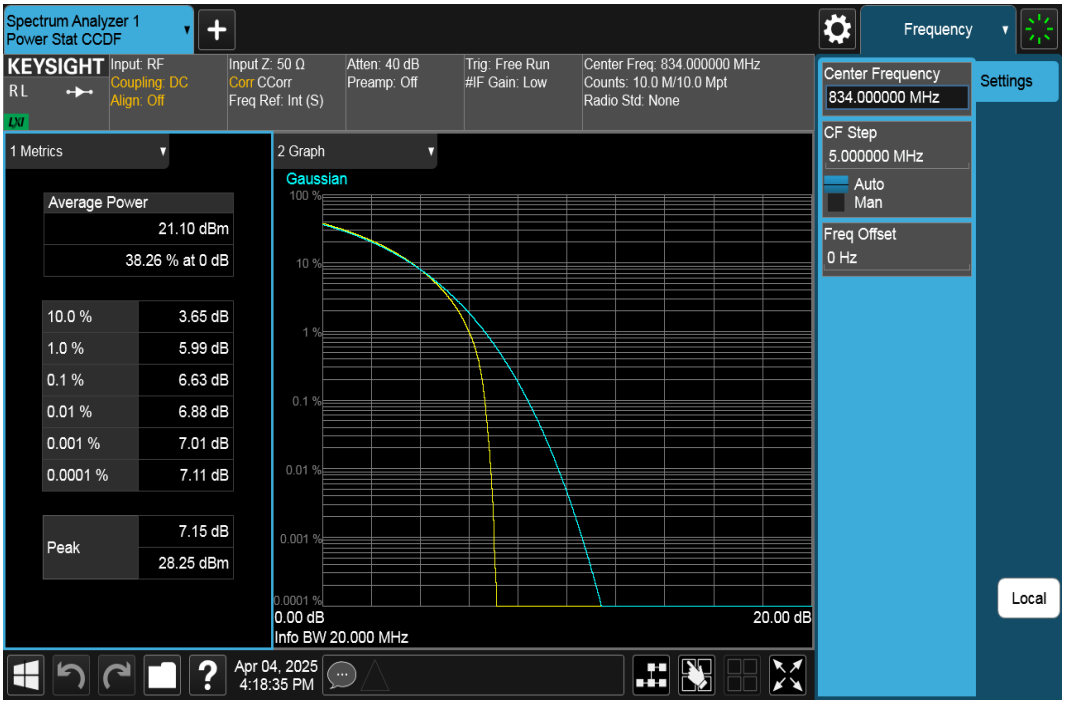
N26a(824-849MHz)-15M-PAPR-HCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-20M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-20M-PAPR-LCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-20M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-20M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-20M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



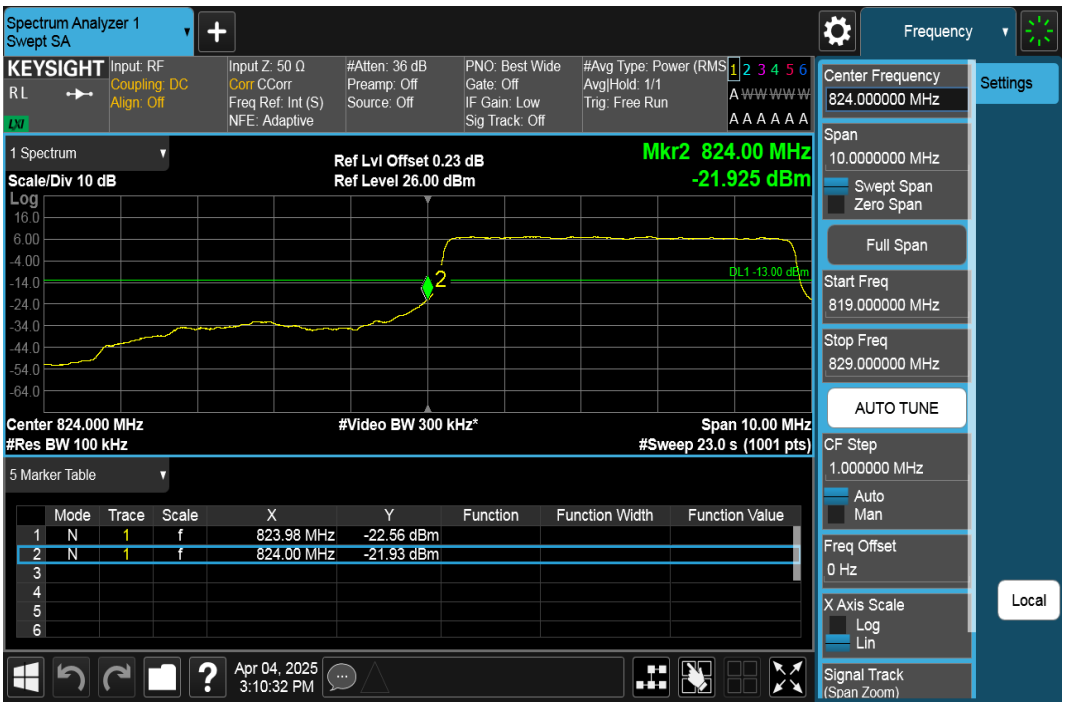
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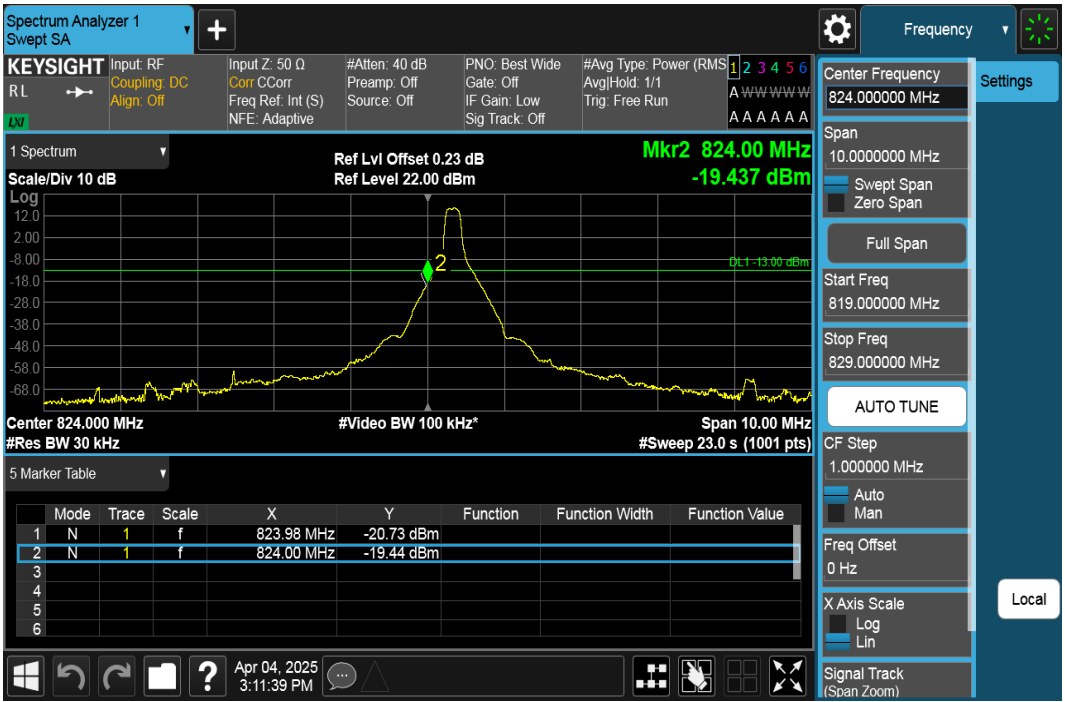
Bandedge

test graph

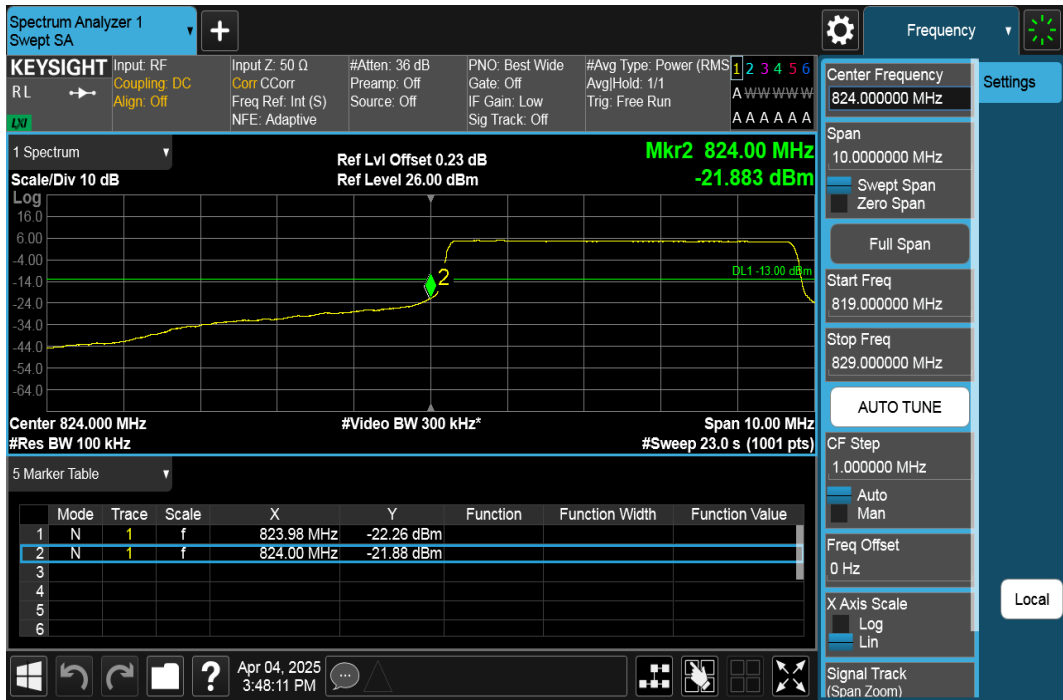
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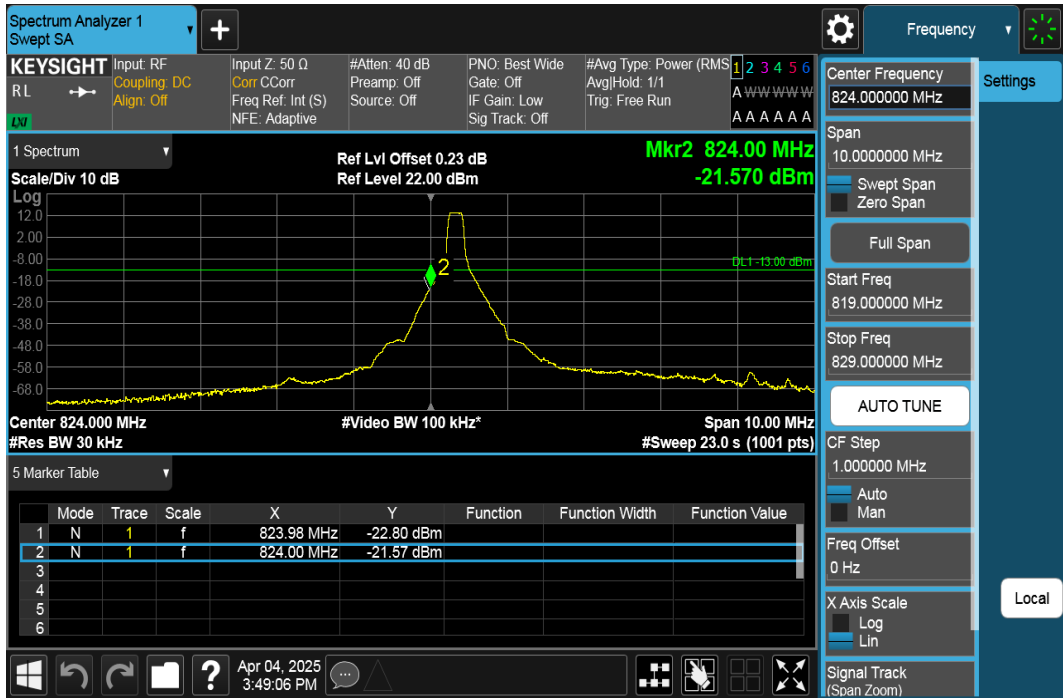
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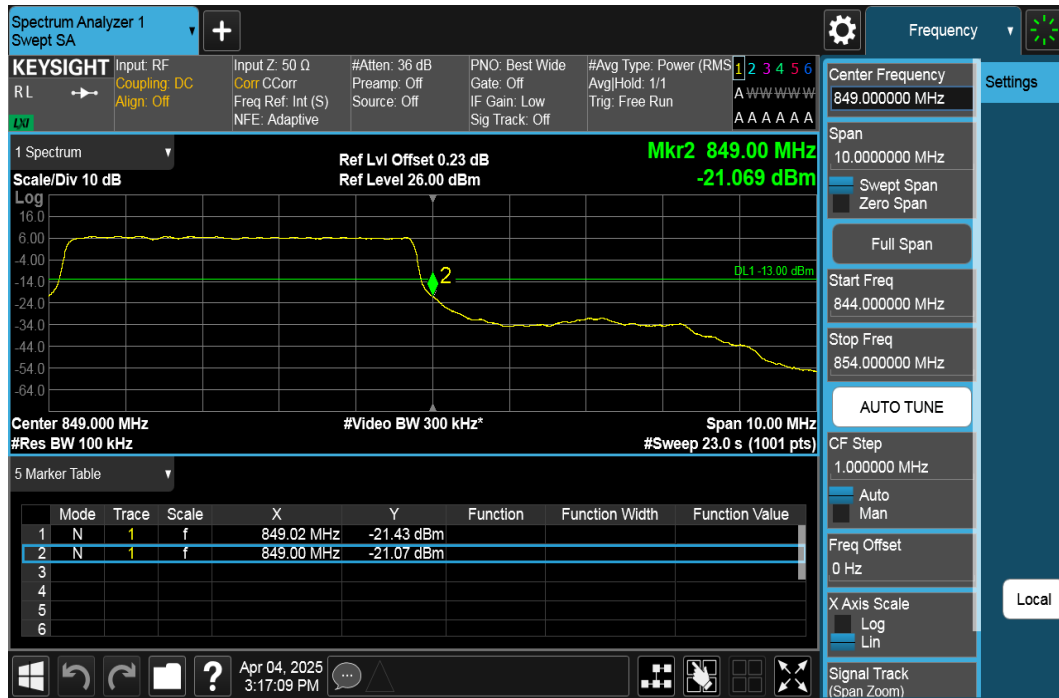
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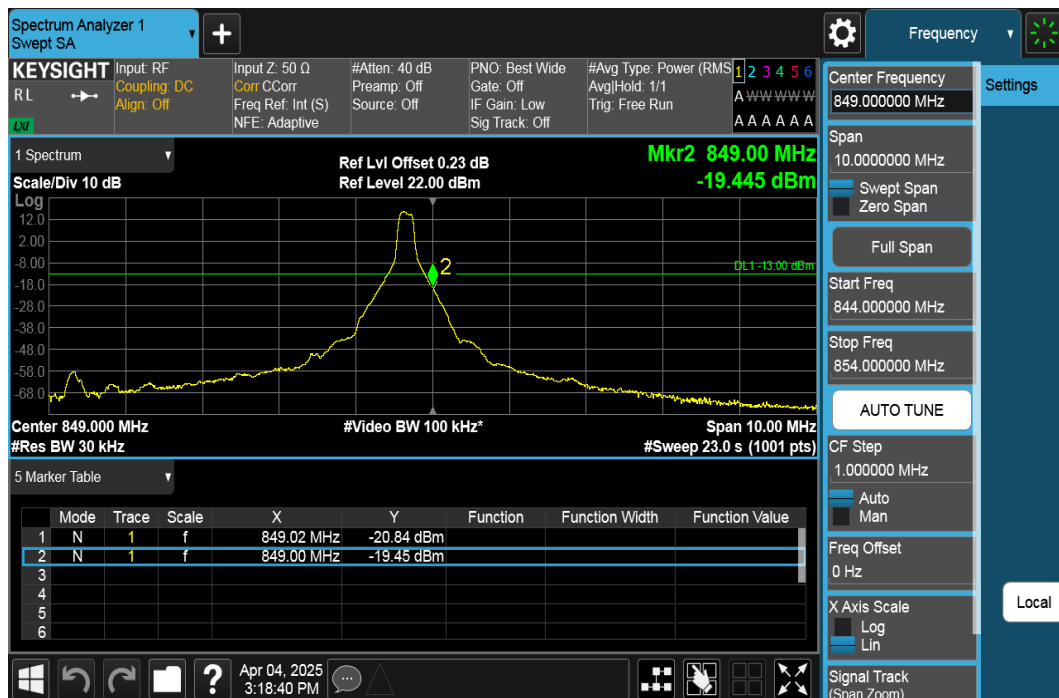
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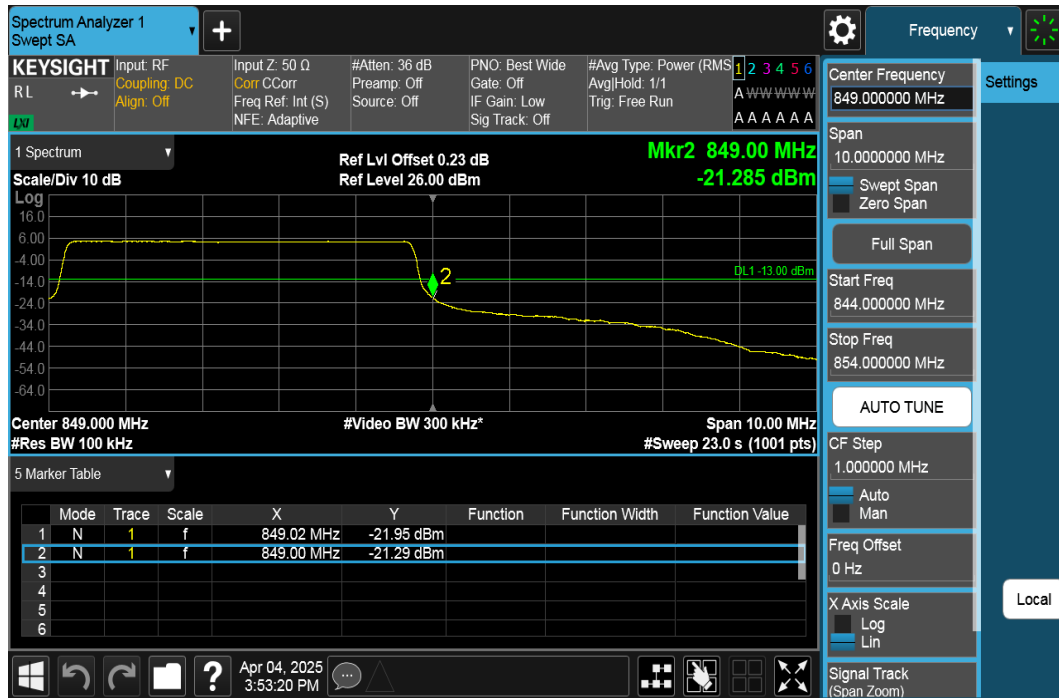
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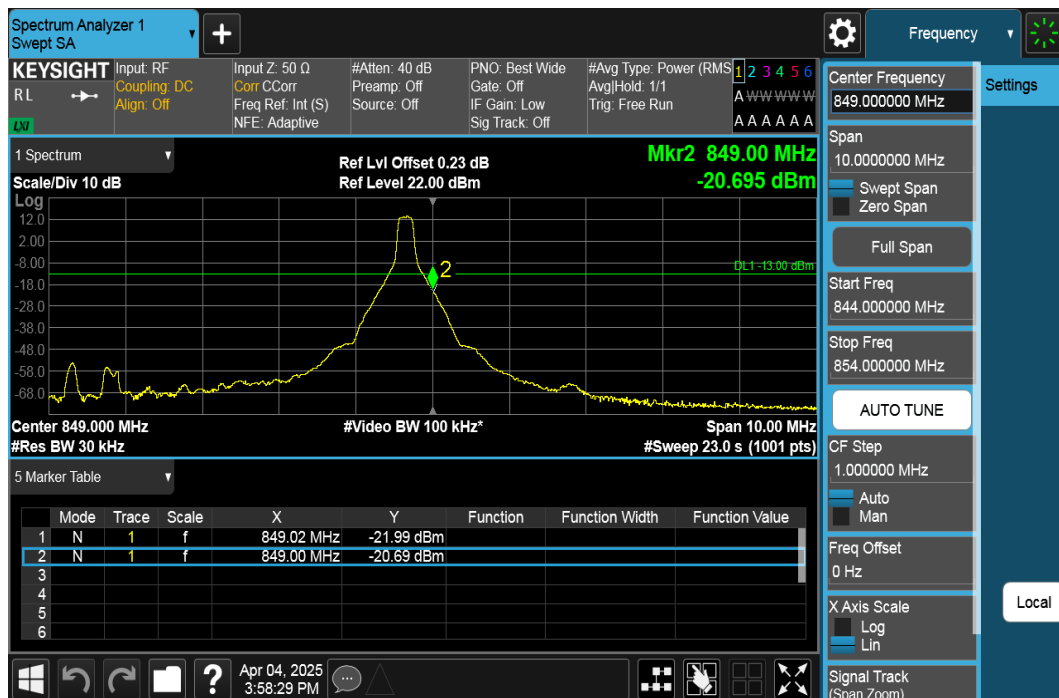
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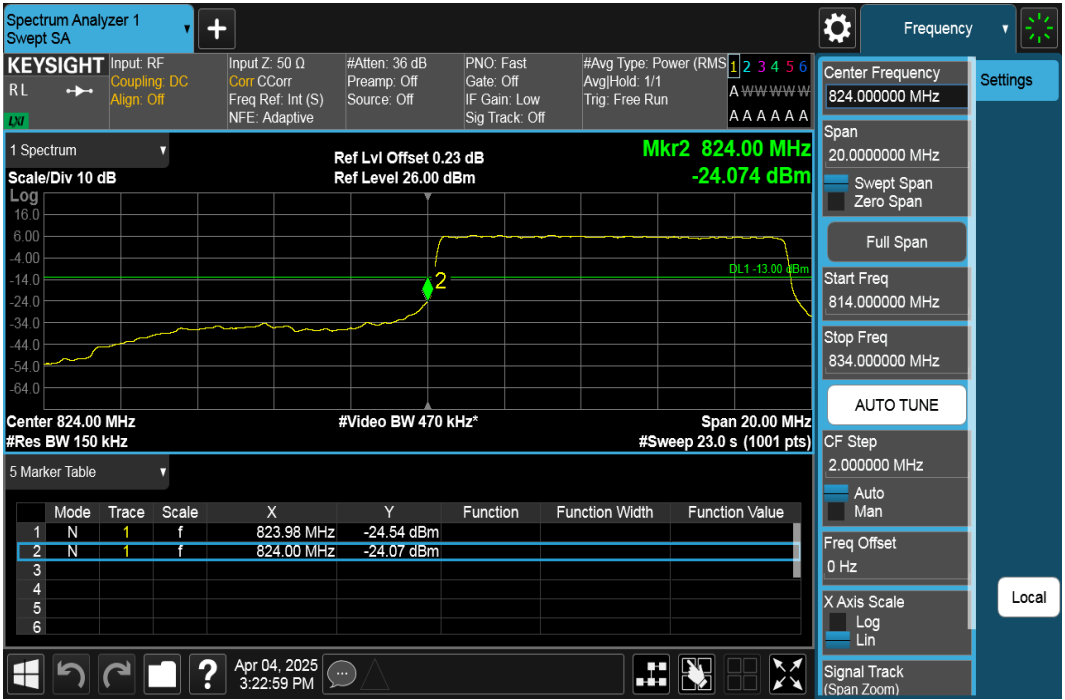
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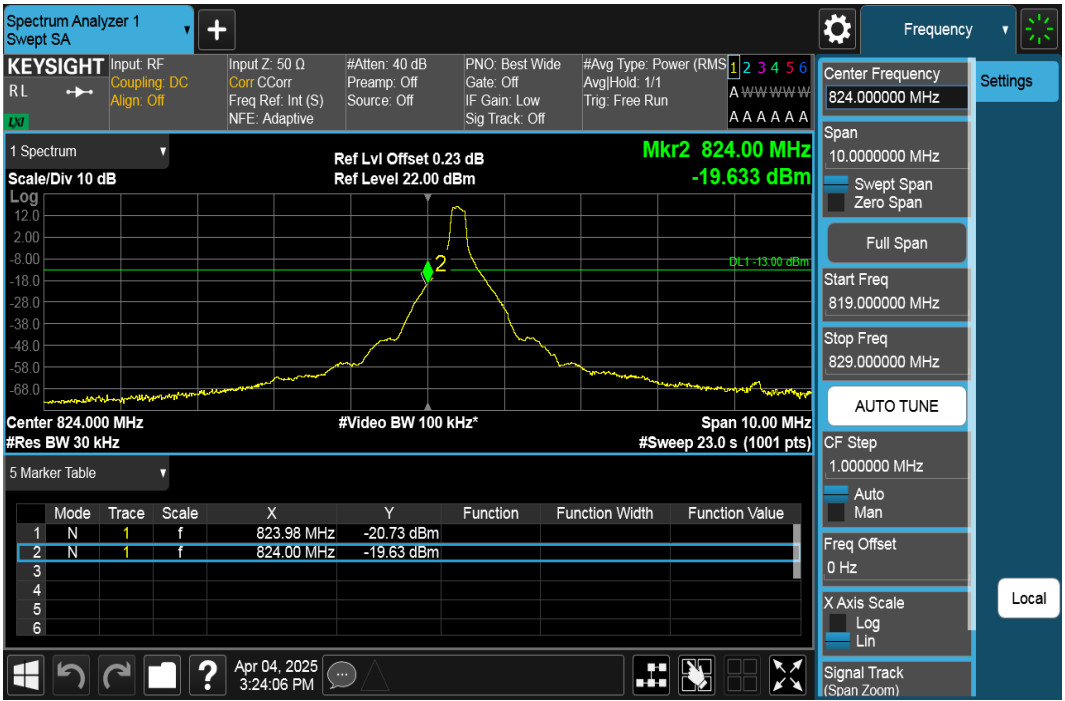
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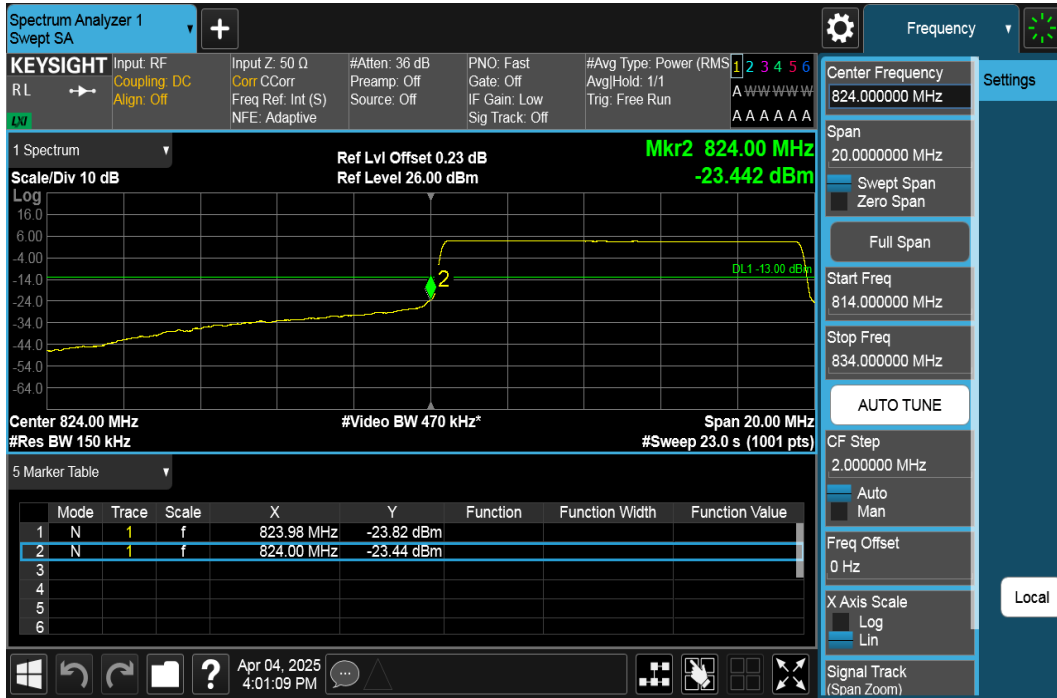
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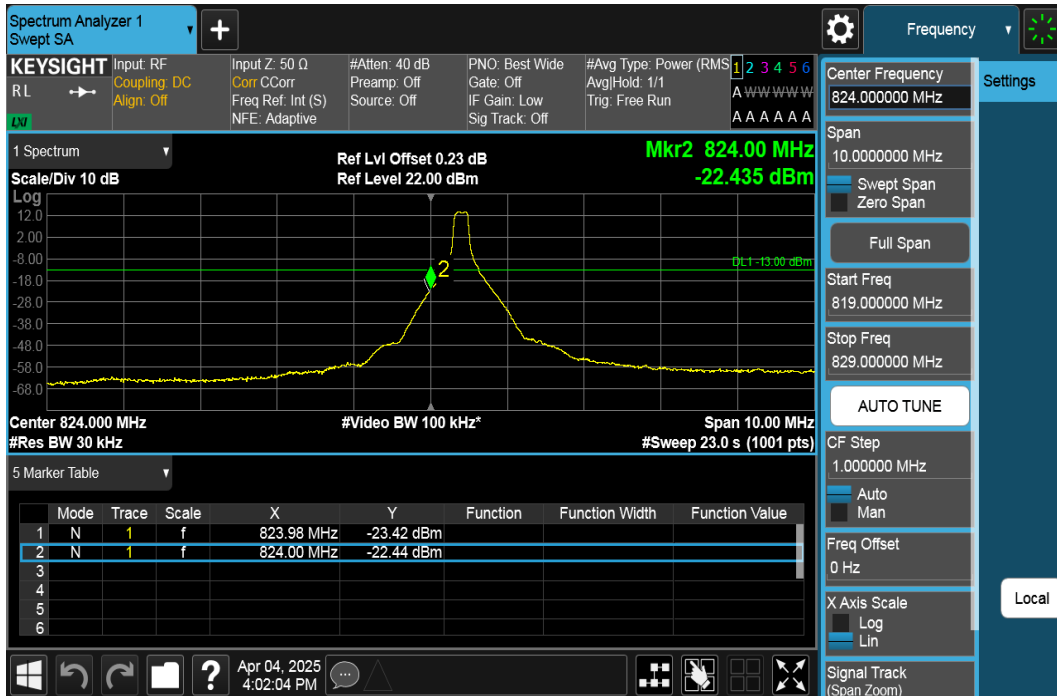
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N26a(824-849MHz)-10M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full



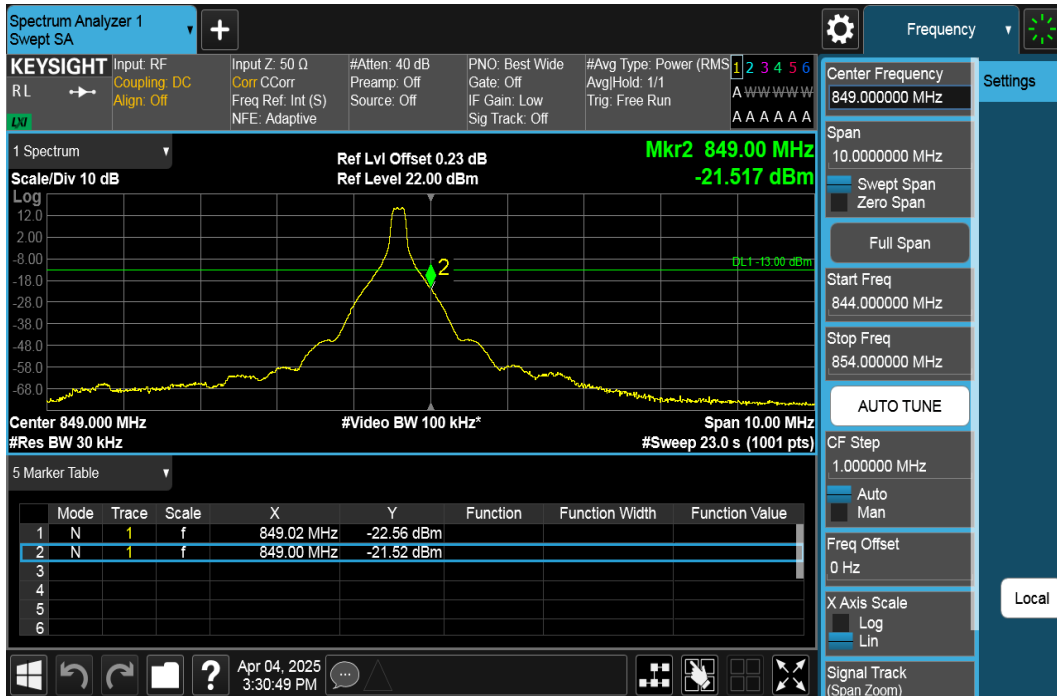
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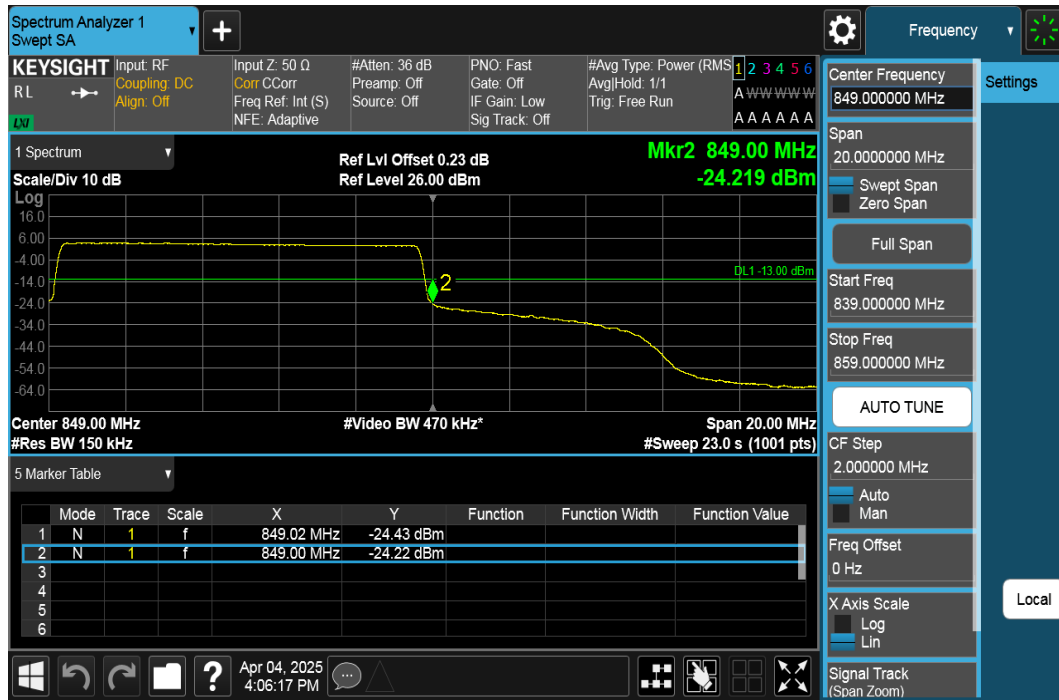
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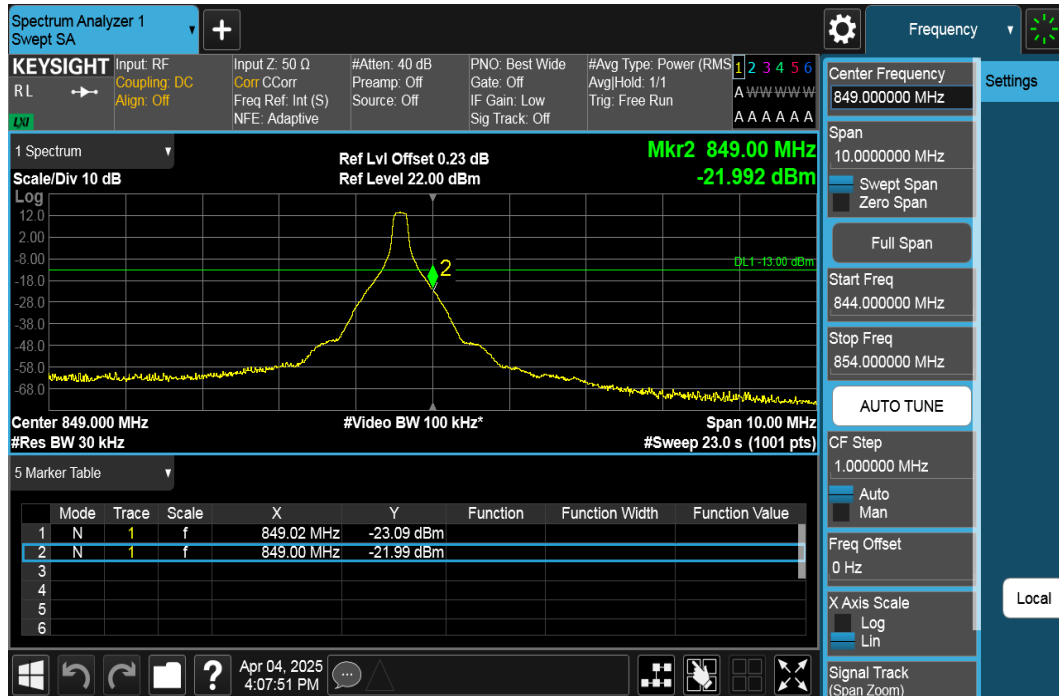
N26a(824-849MHz)-10M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



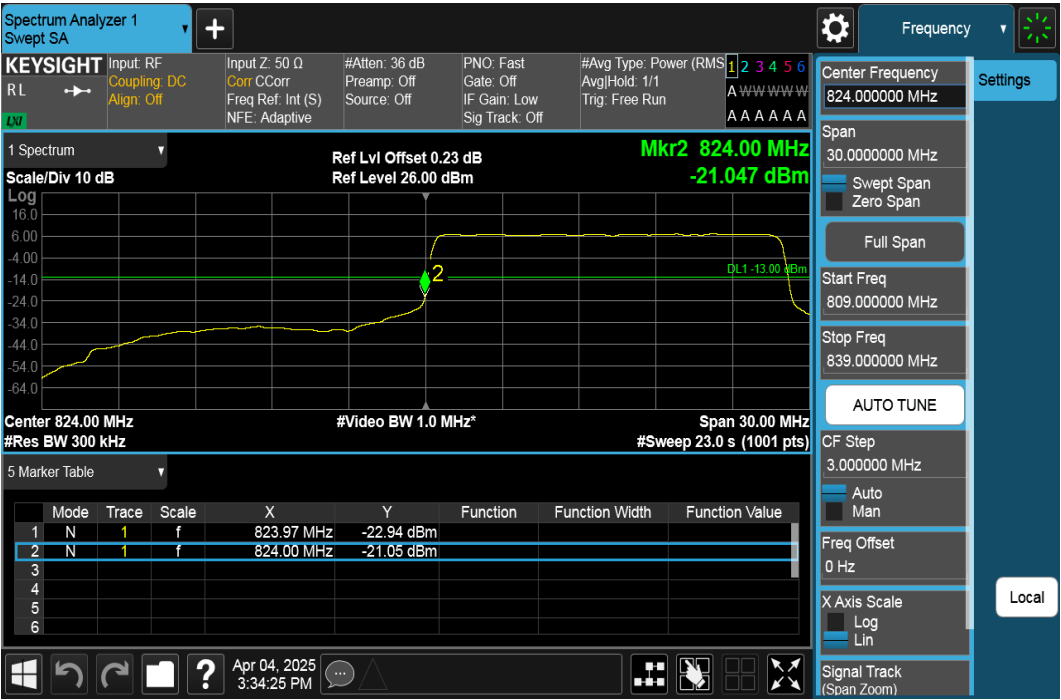
N26a(824-849MHz)-10M-Bandedge-HCH-CP-OFDM-QPSK-Outer_Full



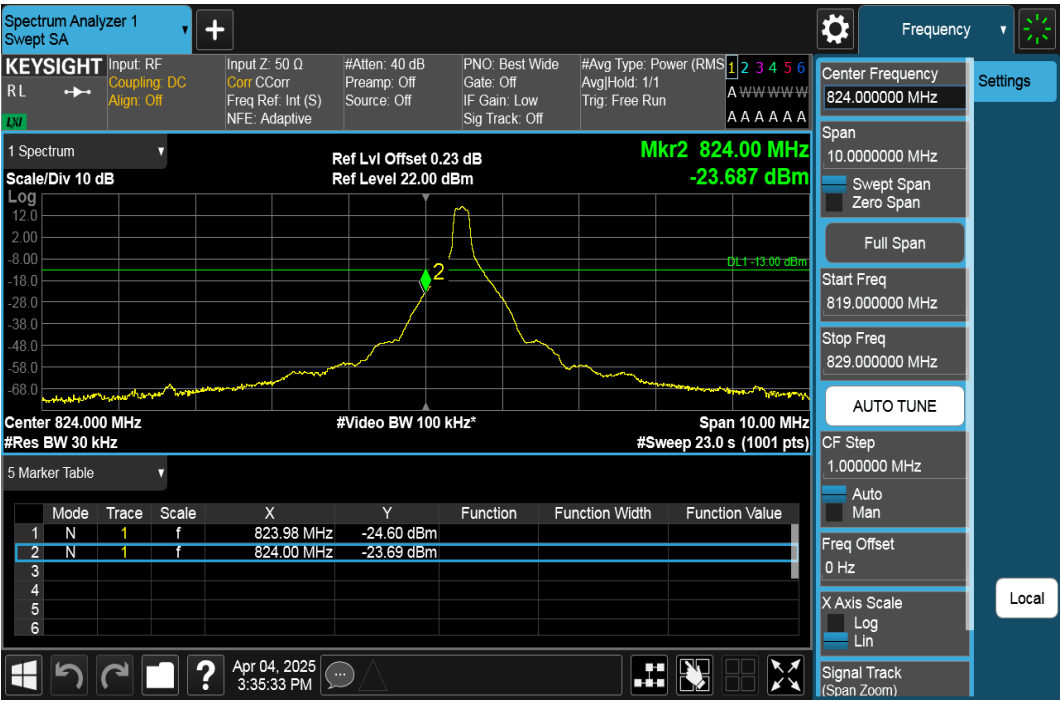
N26a(824-849MHz)-10M-Bandedge-HCH-CP-OFDM-QPSK-1RB_MAX



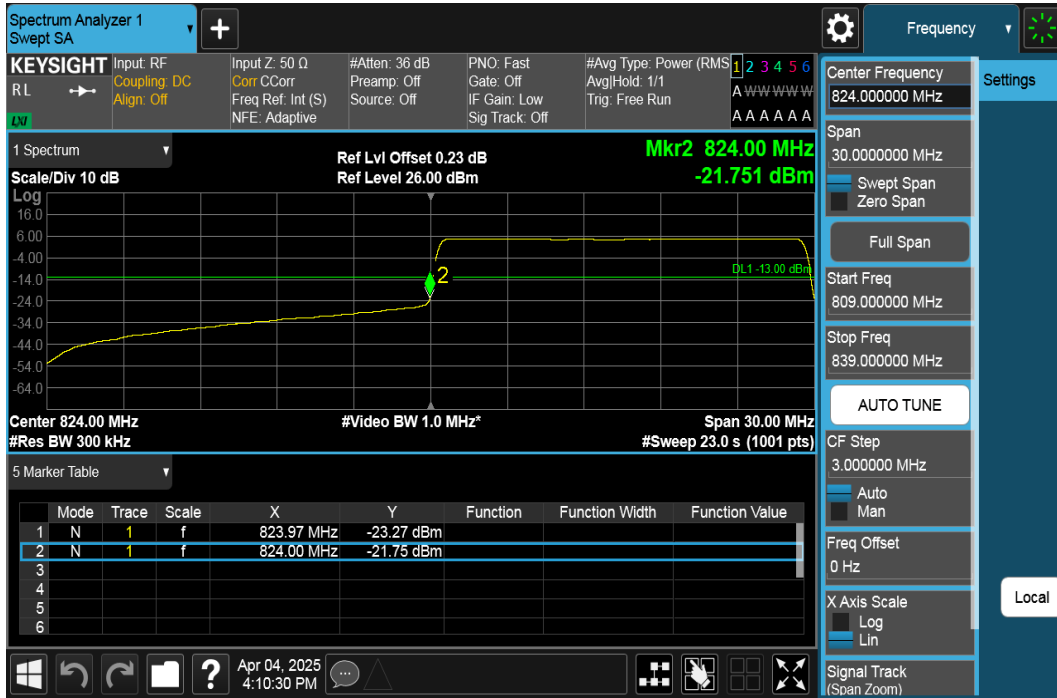
N26a(824-849MHz)-15M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outet_Full



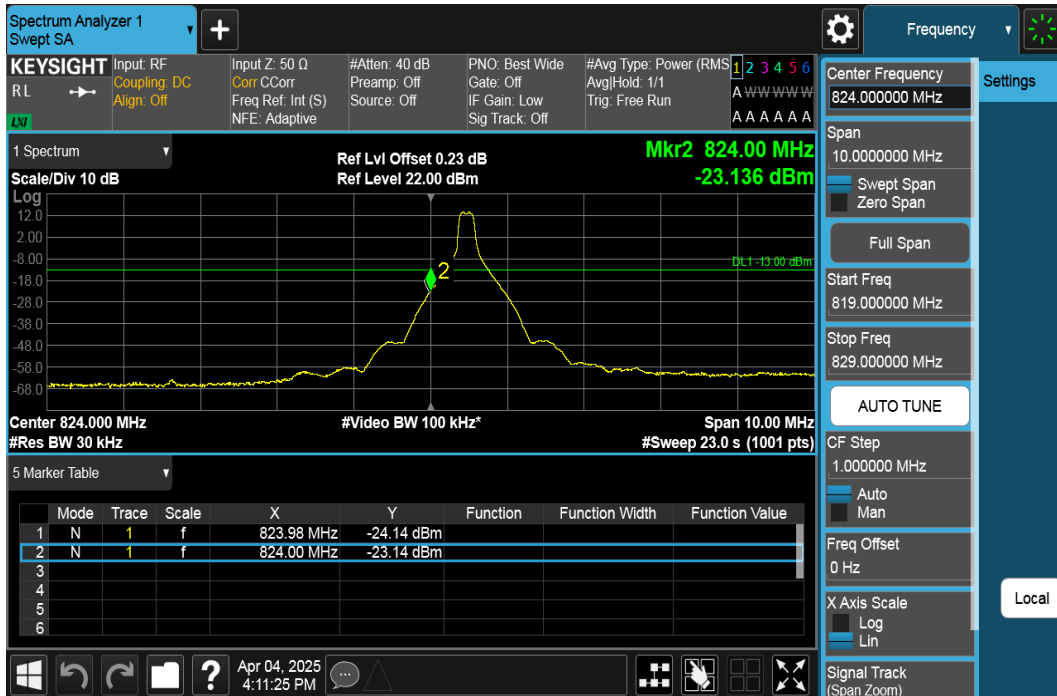
N26a(824-849MHz)-15M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-1RB0



N26a(824-849MHz)-15M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full



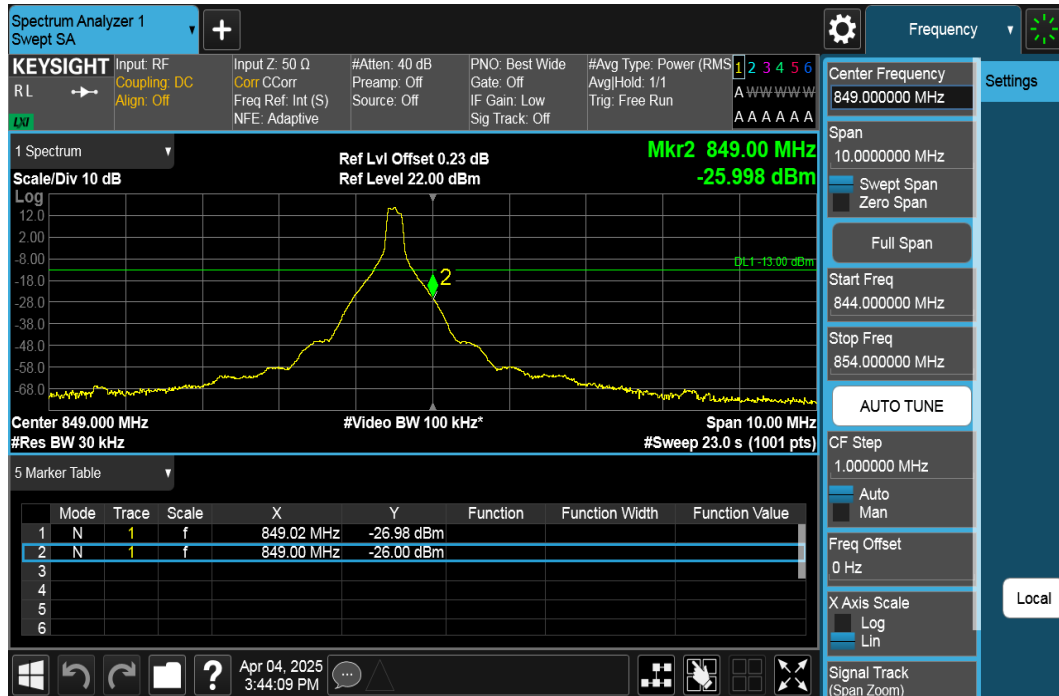
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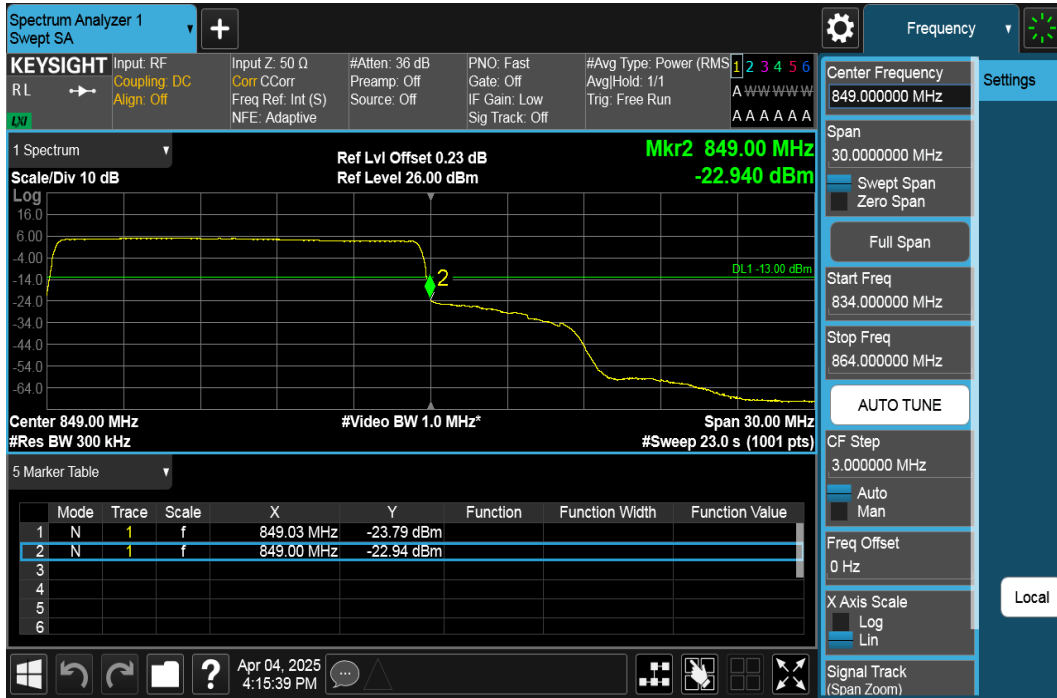
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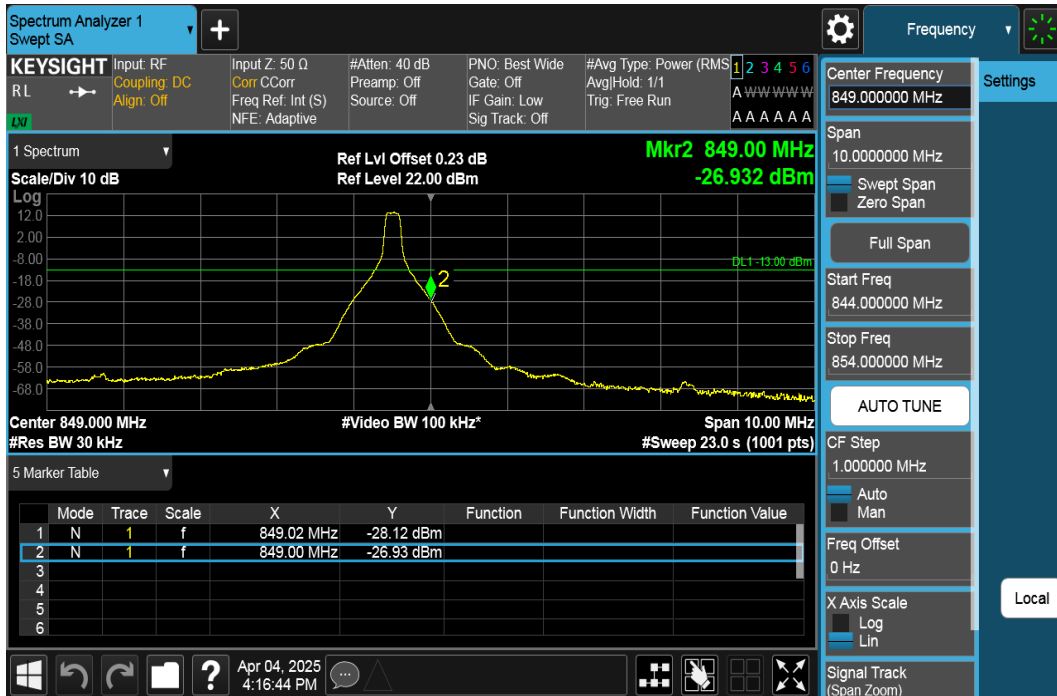
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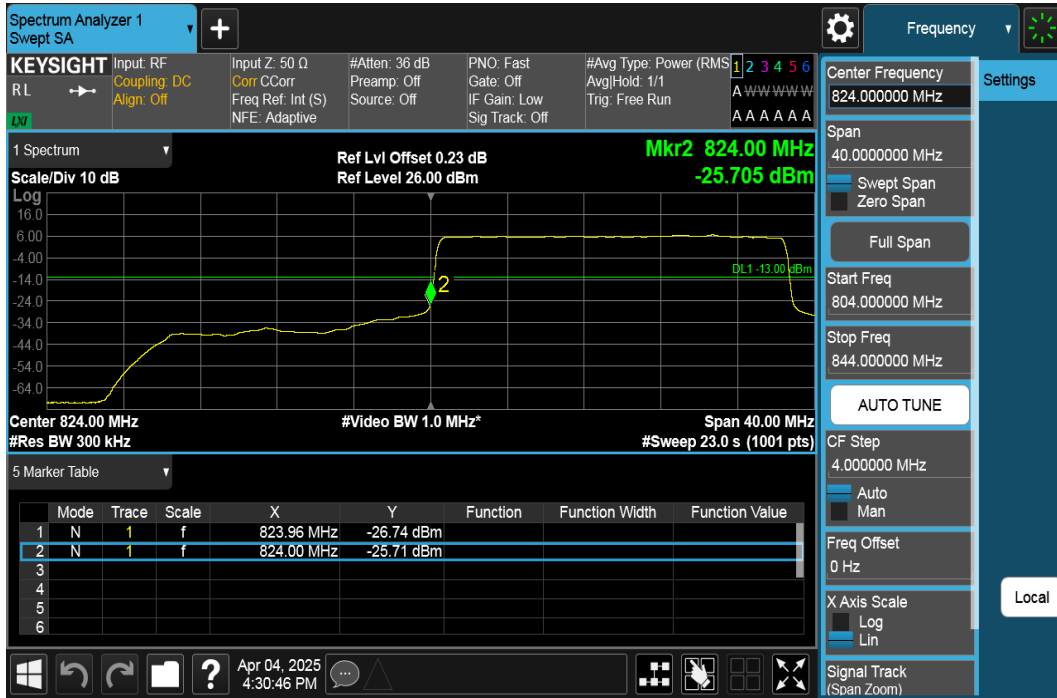
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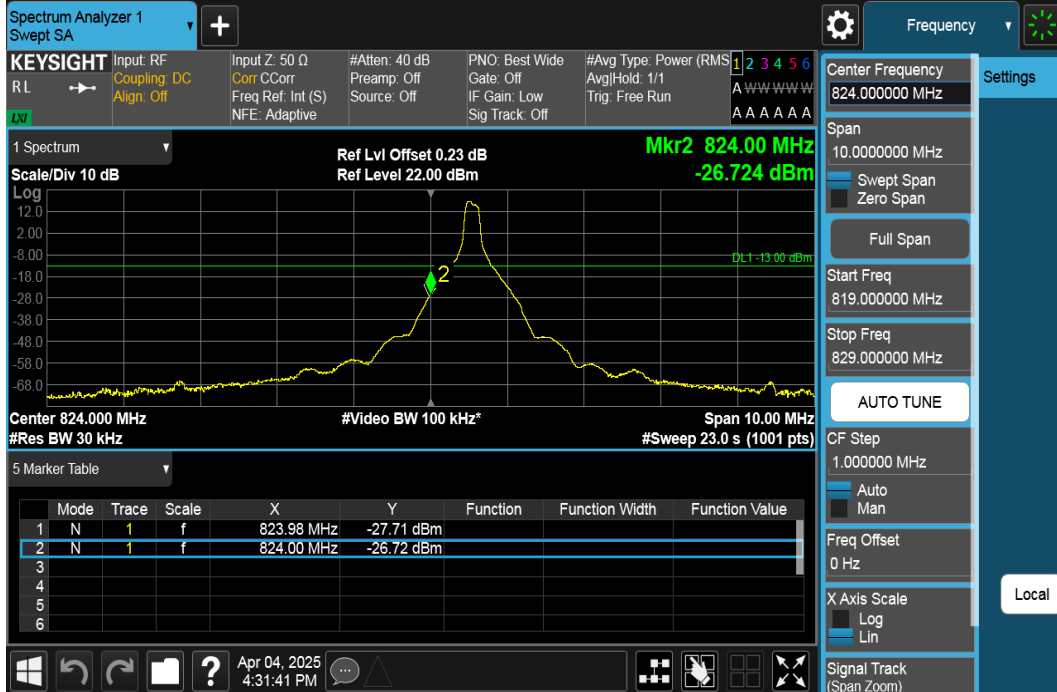
N26a(824-849MHz)-15M-Bandedge-HCH-CP-OFDM-QPSK-1RB_MAX



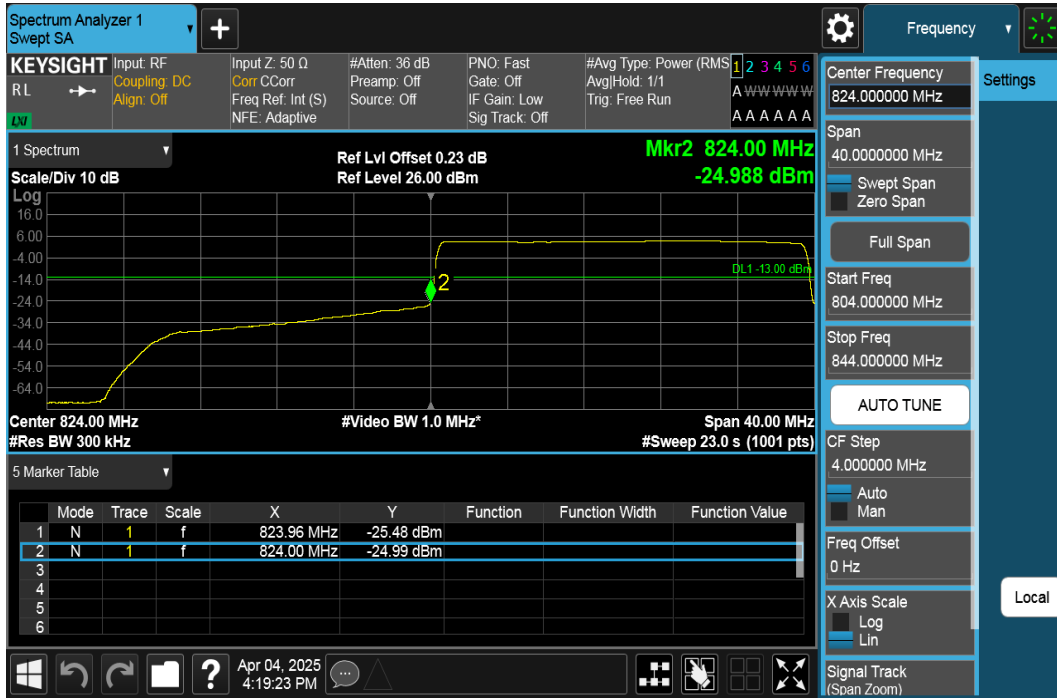
N26a(824-849MHz)-20M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-Outet_Full



N26a(824-849MHz)-20M-Bandedge-LCH-DFT-s-OFDM-Pi2 BPSK-1RB0



N26a(824-849MHz)-20M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full



N26a(824-849MHz)-20M-Bandedge-LCH-CP-OFDM-QPSK-1RB0

