

99% & 26dB Bandwidth

Test Result

5G NR N77a(3450-3550MHz) SCS=30kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	8.6202	9.62	/	Pass
CP-OFDM QPSK		Outer_Full	8.6005	9.403	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	8.568	9.693	/	Pass
CP-OFDM QPSK		Outer_Full	8.6306	9.854	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.5905	9.71	/	Pass
CP-OFDM QPSK		Outer_Full	8.5985	9.822	/	Pass

5G NR N77a(3450-3550MHz) SCS=30kHz 15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	12.974	14.26	/	Pass
CP-OFDM QPSK		Outer_Full	13.642	14.86	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	12.921	14.05	/	Pass
CP-OFDM QPSK		Outer_Full	13.644	14.67	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	12.913	14.11	/	Pass
CP-OFDM QPSK		Outer_Full	13.64	14.91	/	Pass

5G NR N77a(3450-3550MHz) SCS=30kHz 20MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	17.877	18.97	/	Pass
CP-OFDM QPSK		Outer_Full	18.239	19.68	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	17.868	19.28	/	Pass
CP-OFDM QPSK		Outer_Full	18.27	20.05	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.861	19.38	/	Pass
CP-OFDM QPSK		Outer_Full	18.223	19.72	/	Pass

Peak-Average Ratio

Test Result

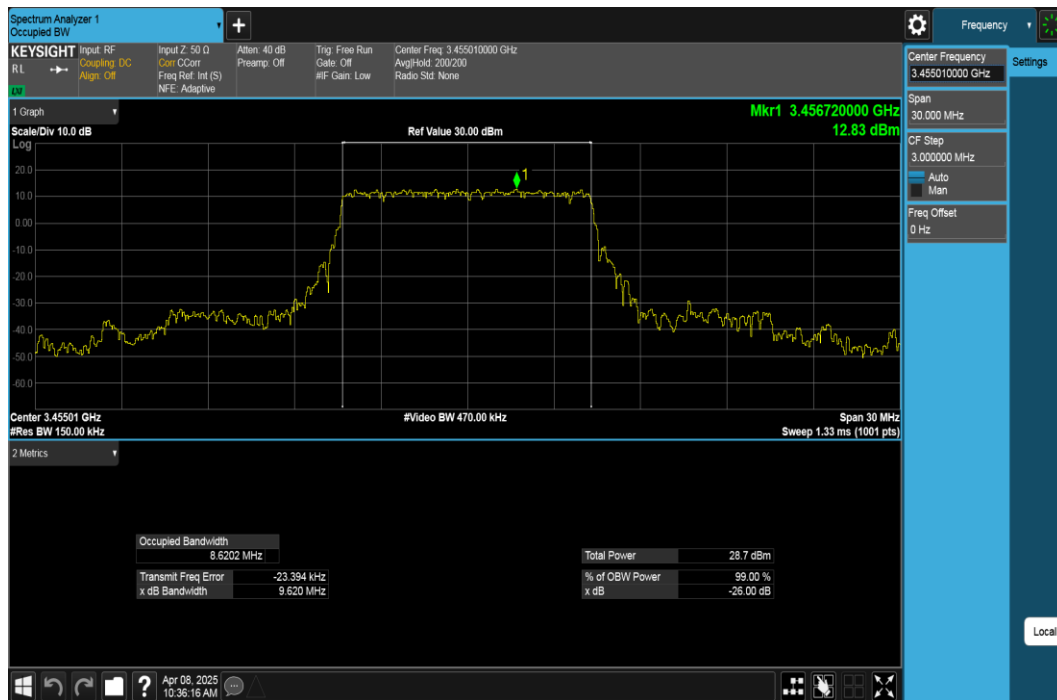
5G NR N77a(3450-3550MHz) SCS=30kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.03	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.57	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.23	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.09	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.2	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.27	<=13	Pass

5G NR N77a(3450-3550MHz) SCS=30kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.26	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.61	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.18	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.88	<=13	Pass
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CP-OFDM QPSK		Outer_Full	6.93	<=13	Pass

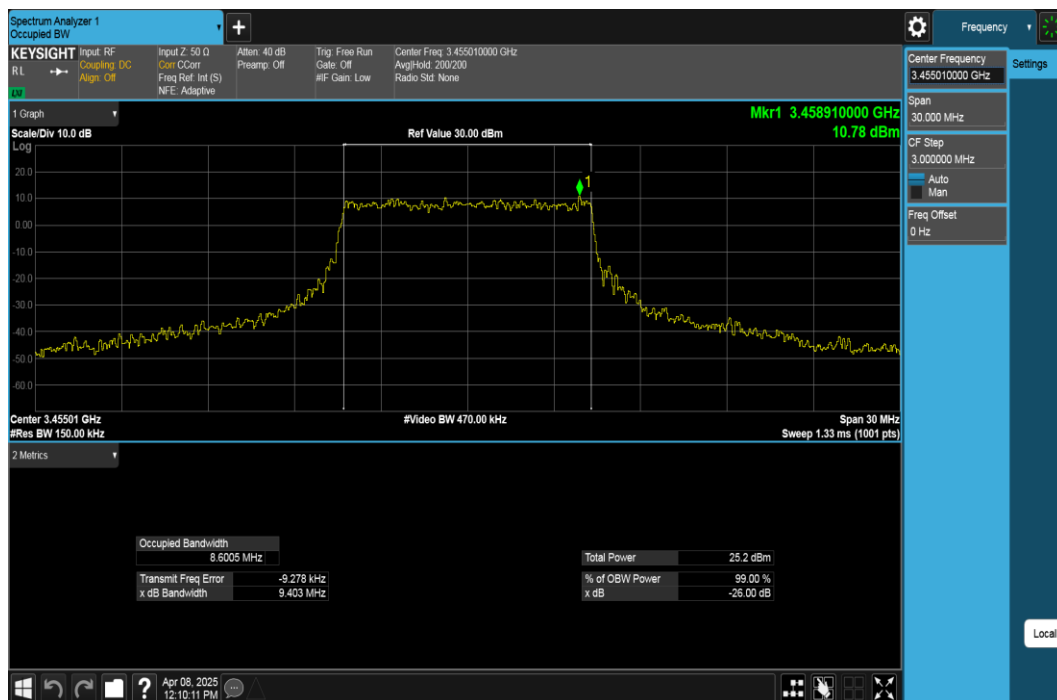
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Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.85	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.12	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.13	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.9	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.17	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.07	<=13	Pass

OBW Test graph

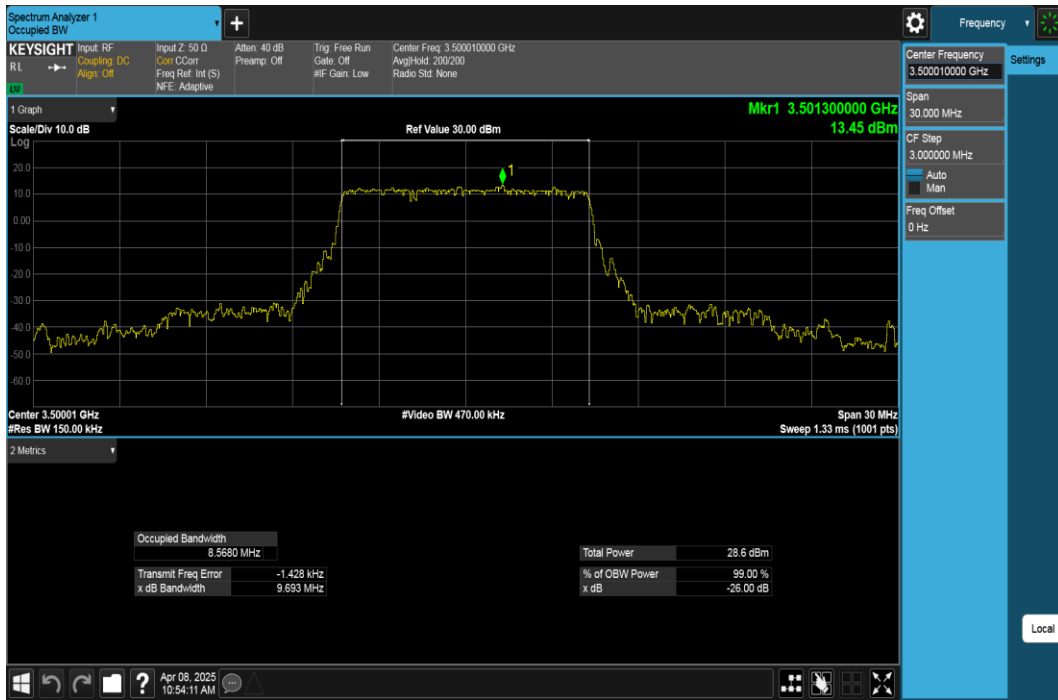
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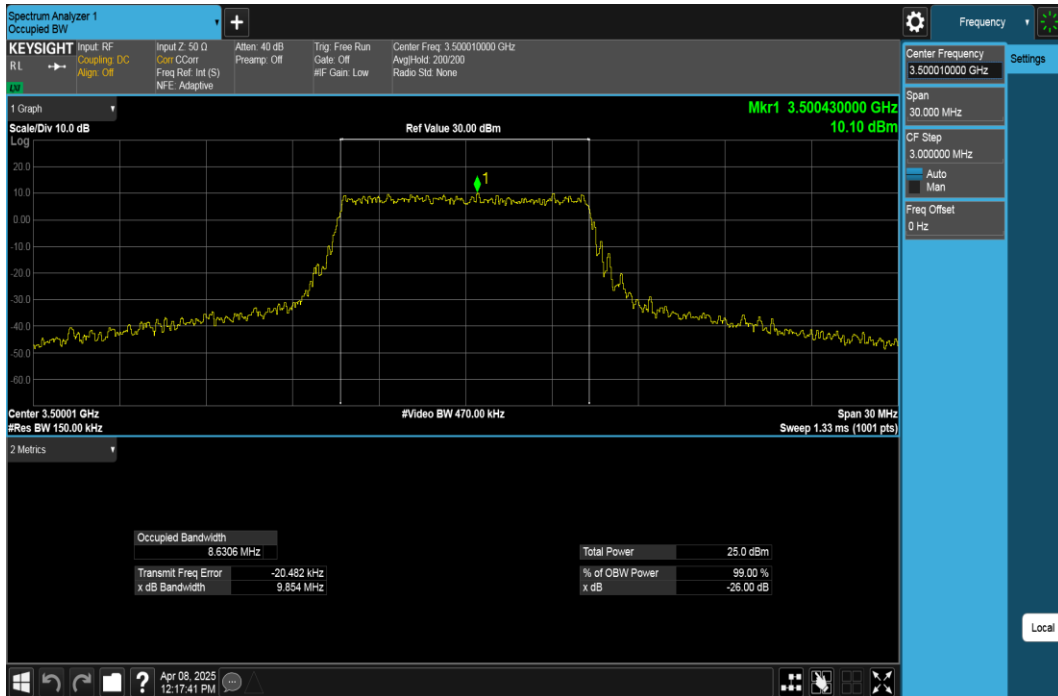
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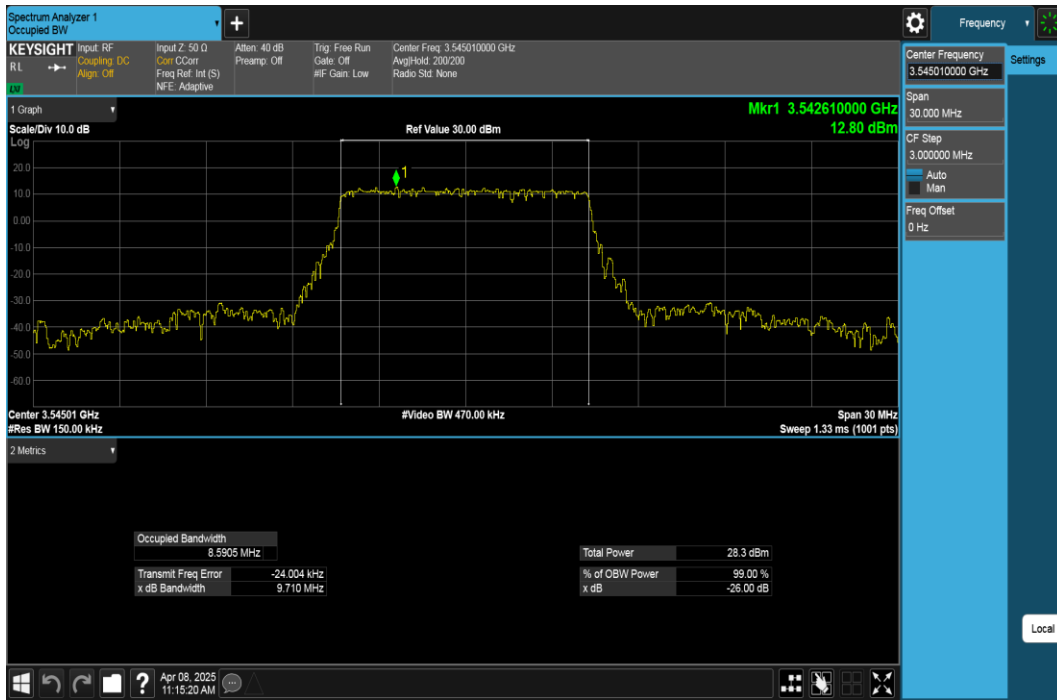
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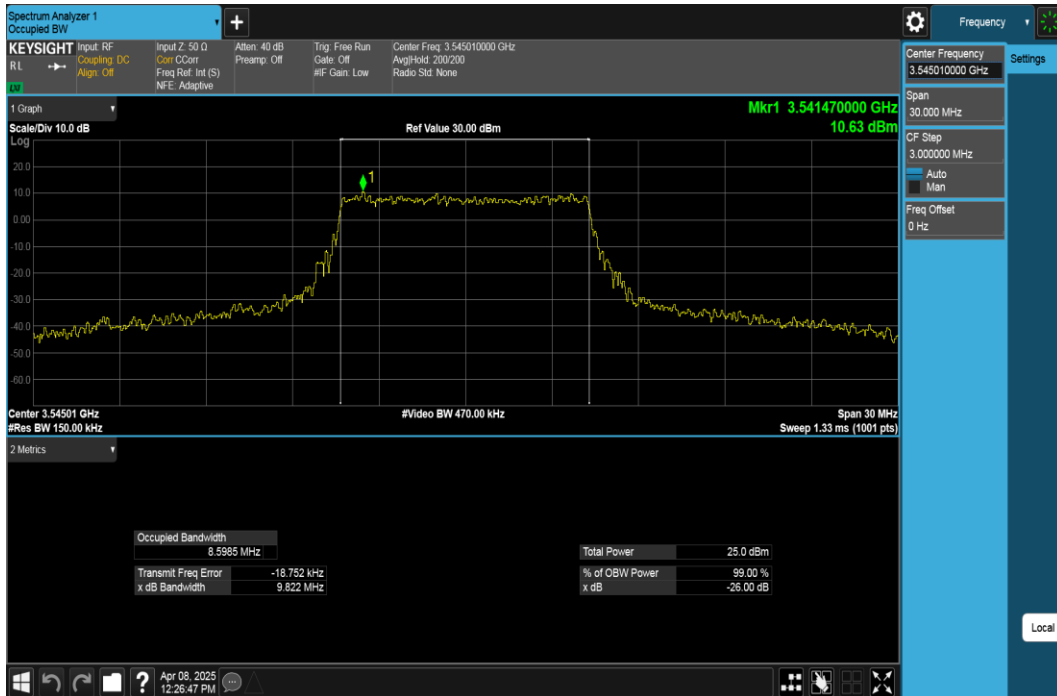
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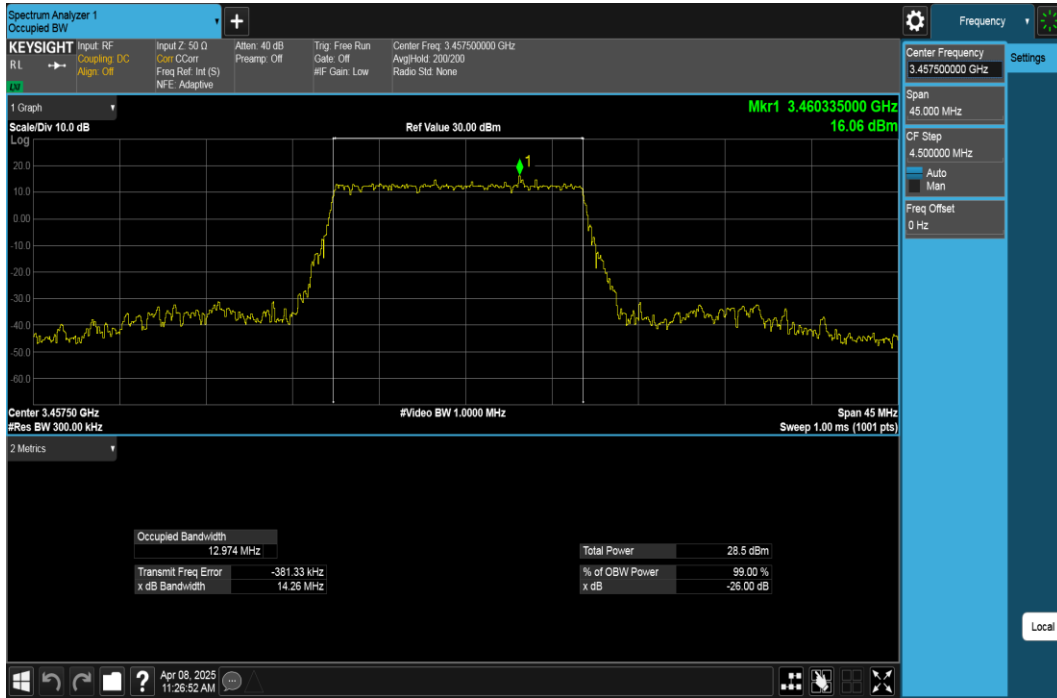
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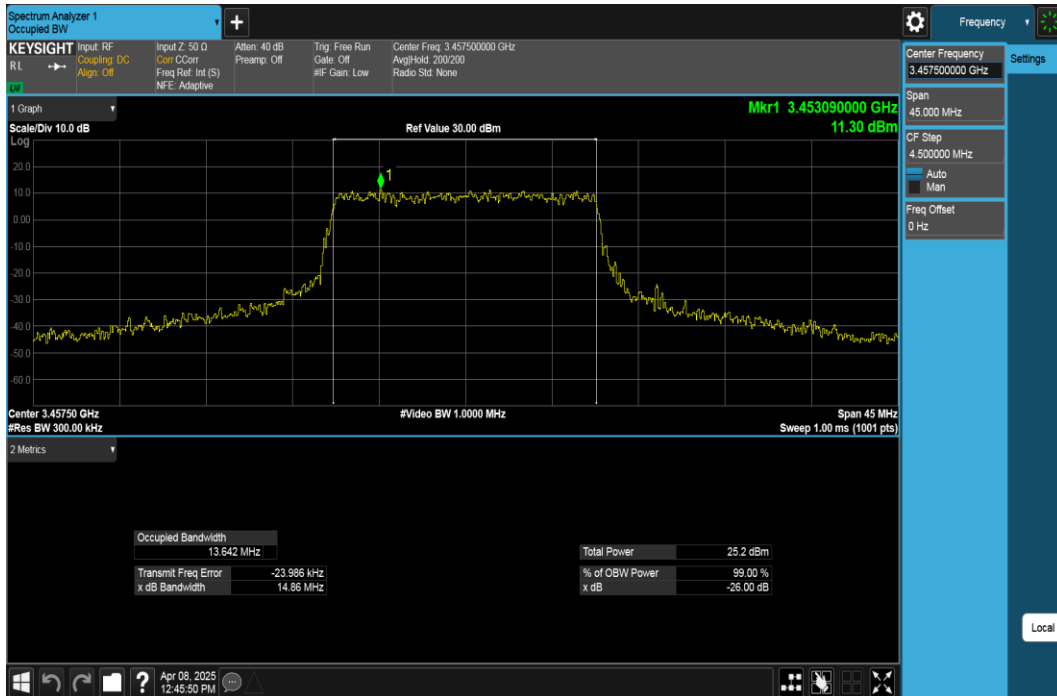
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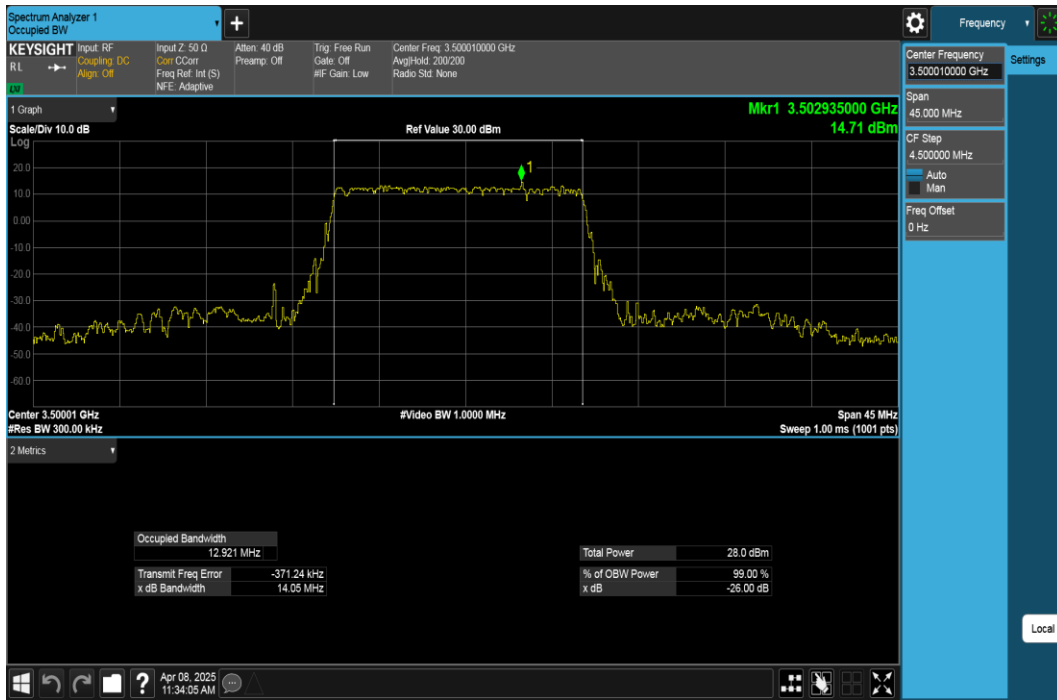
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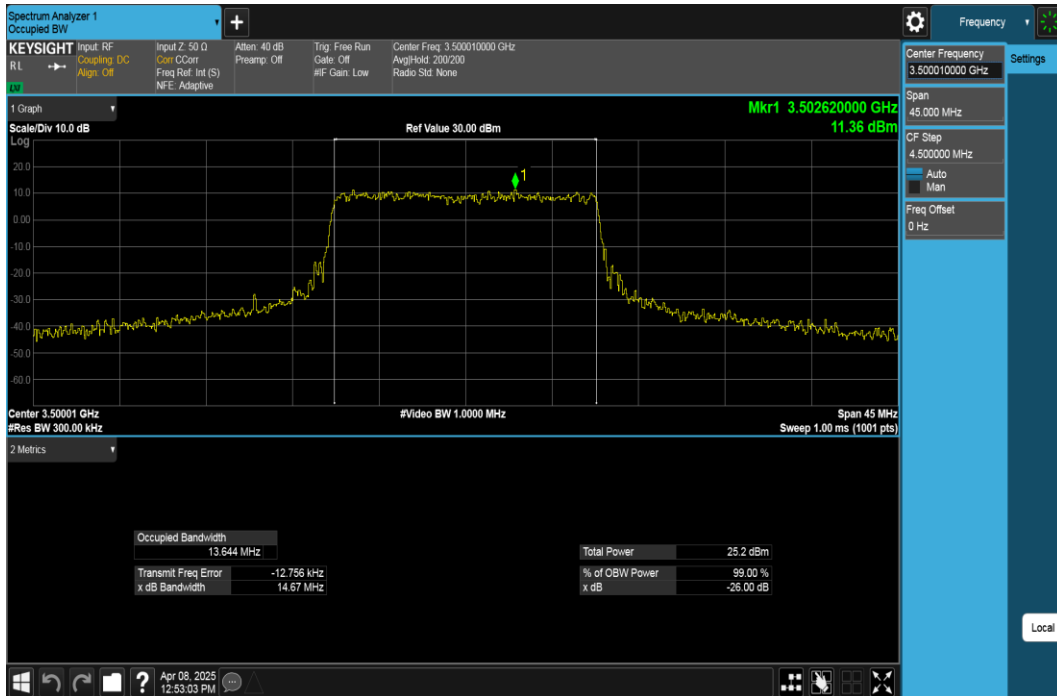
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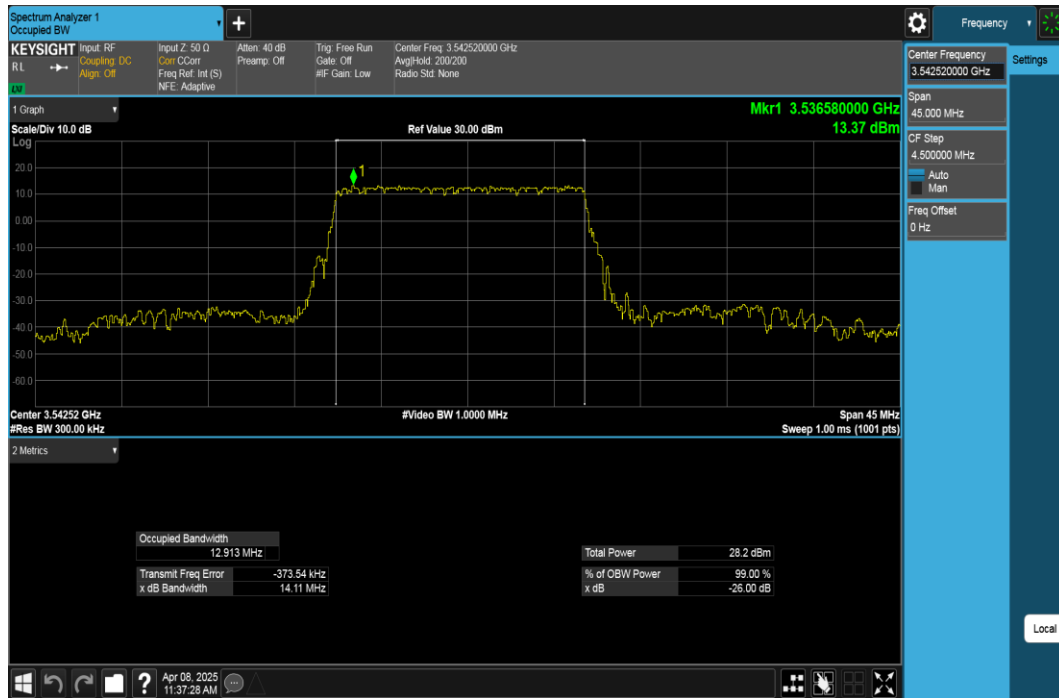
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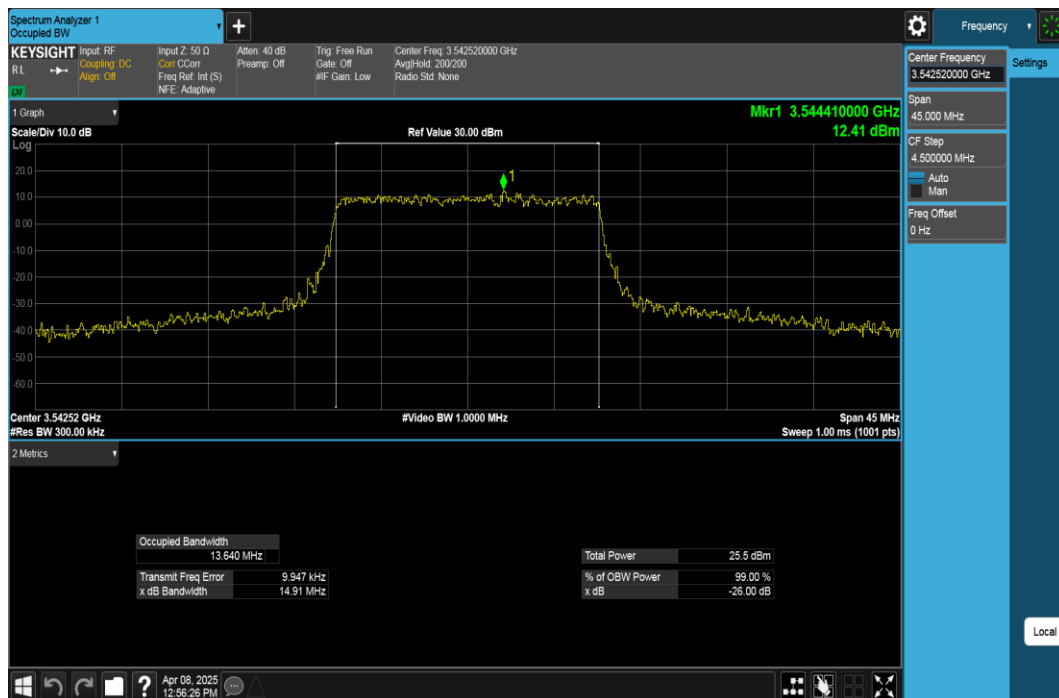
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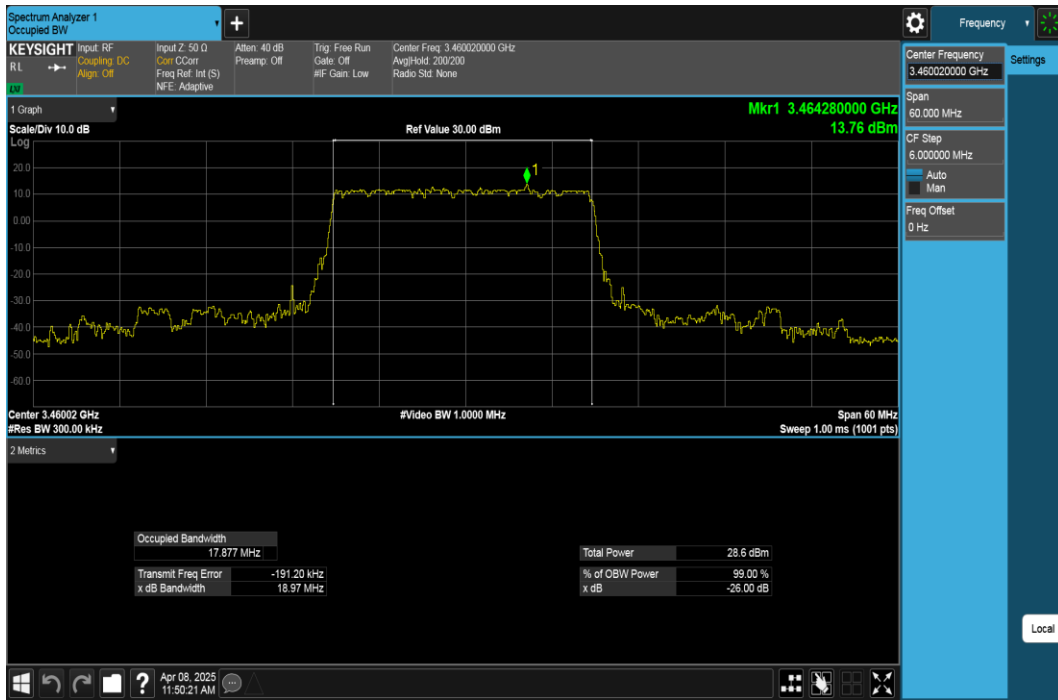
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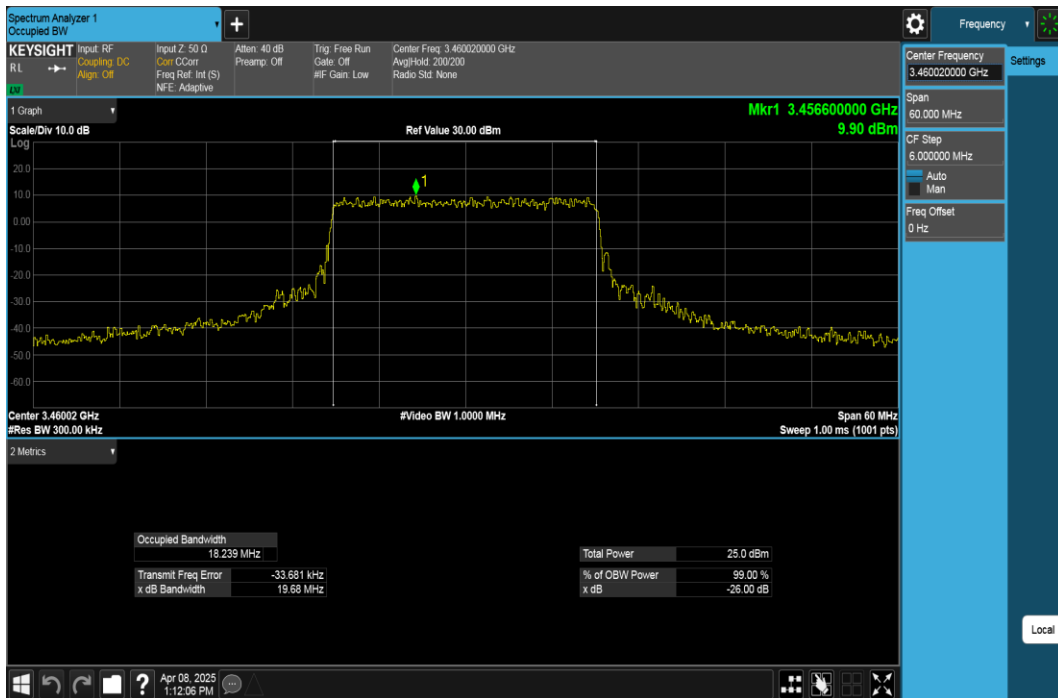
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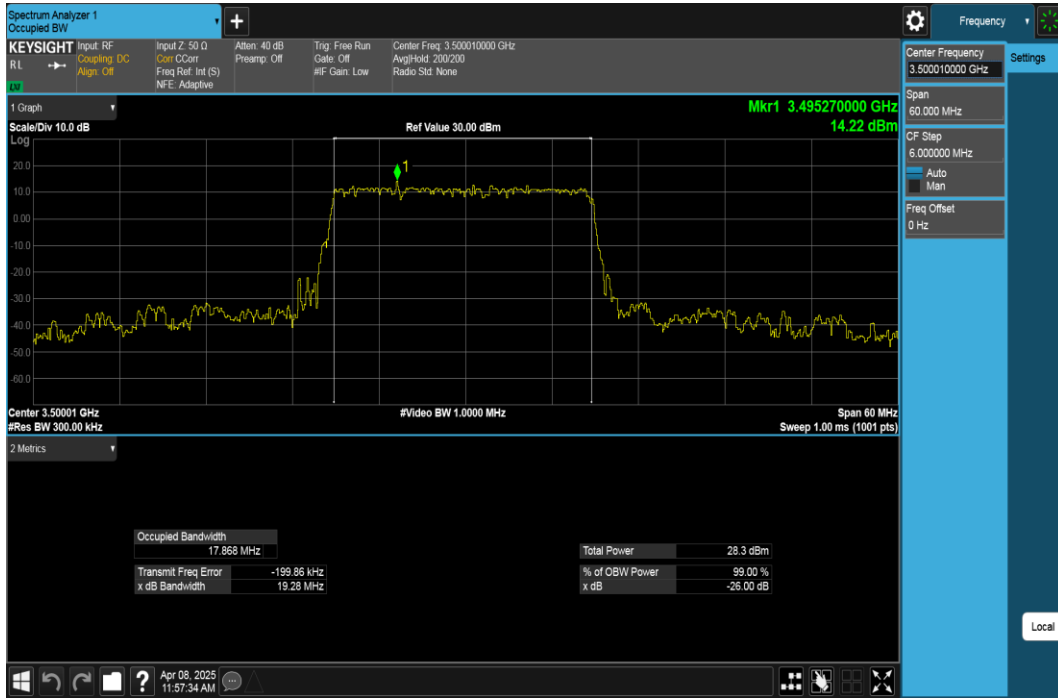
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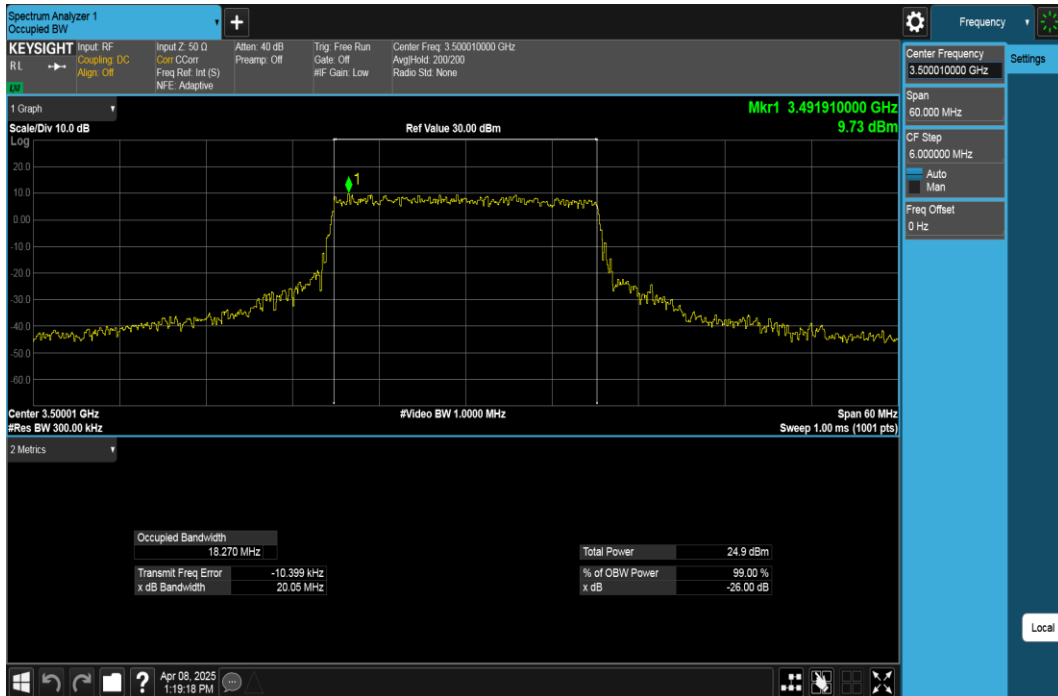
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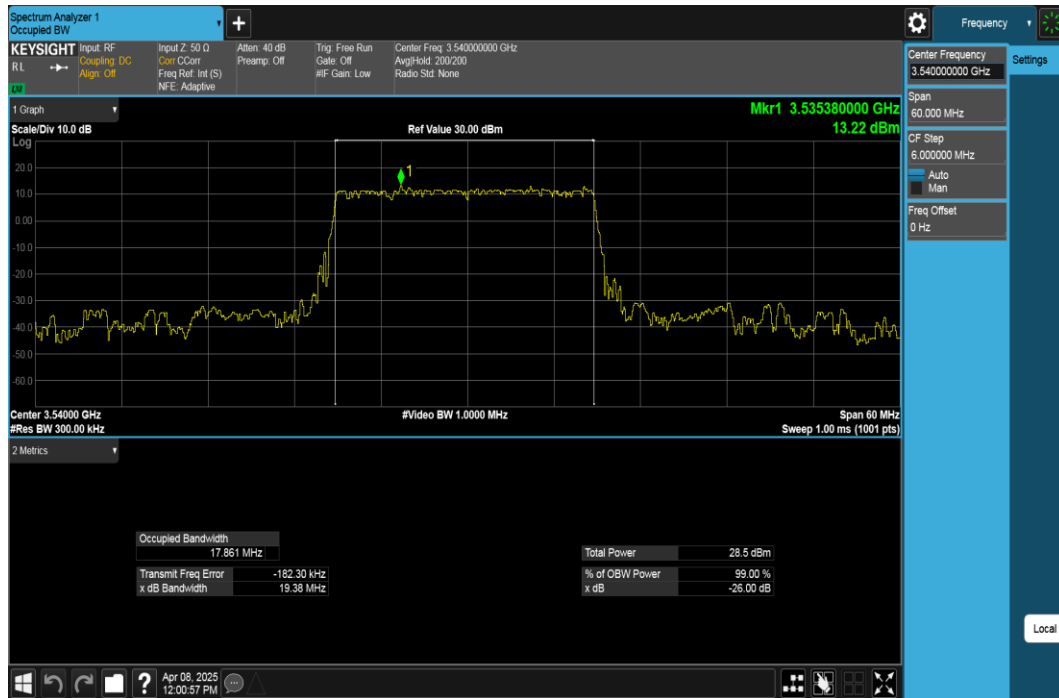
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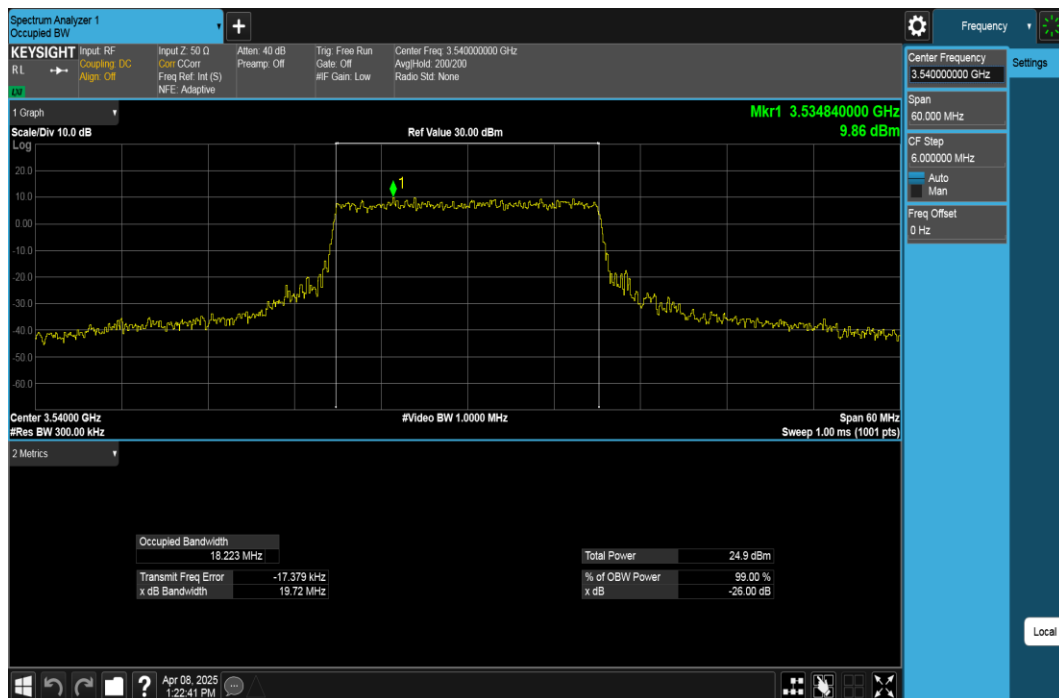
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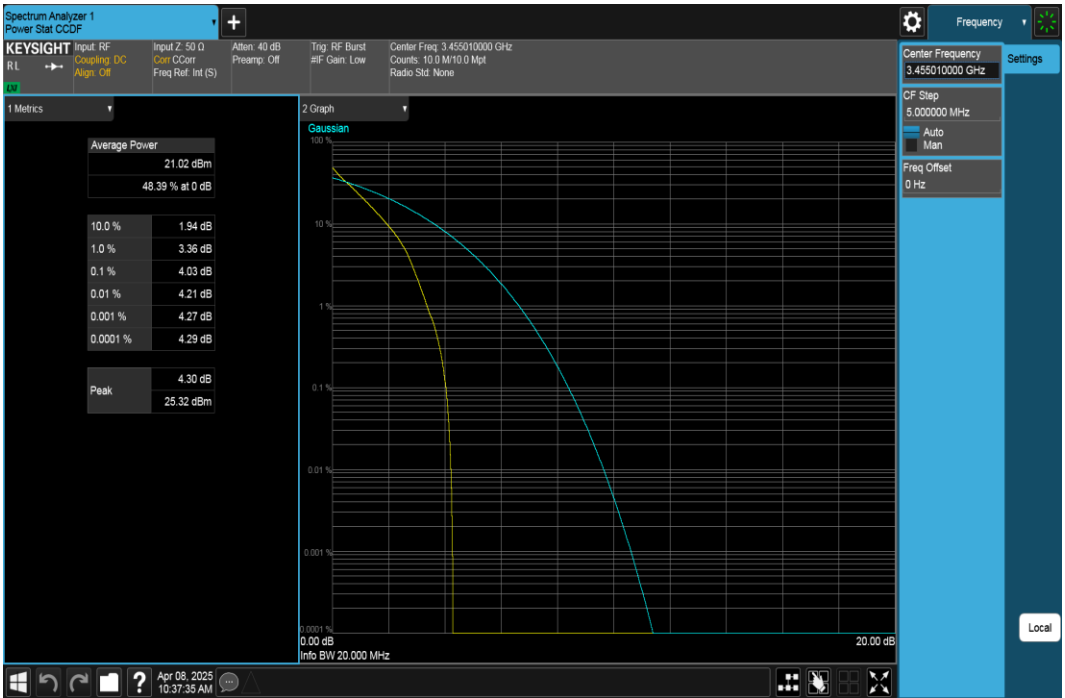


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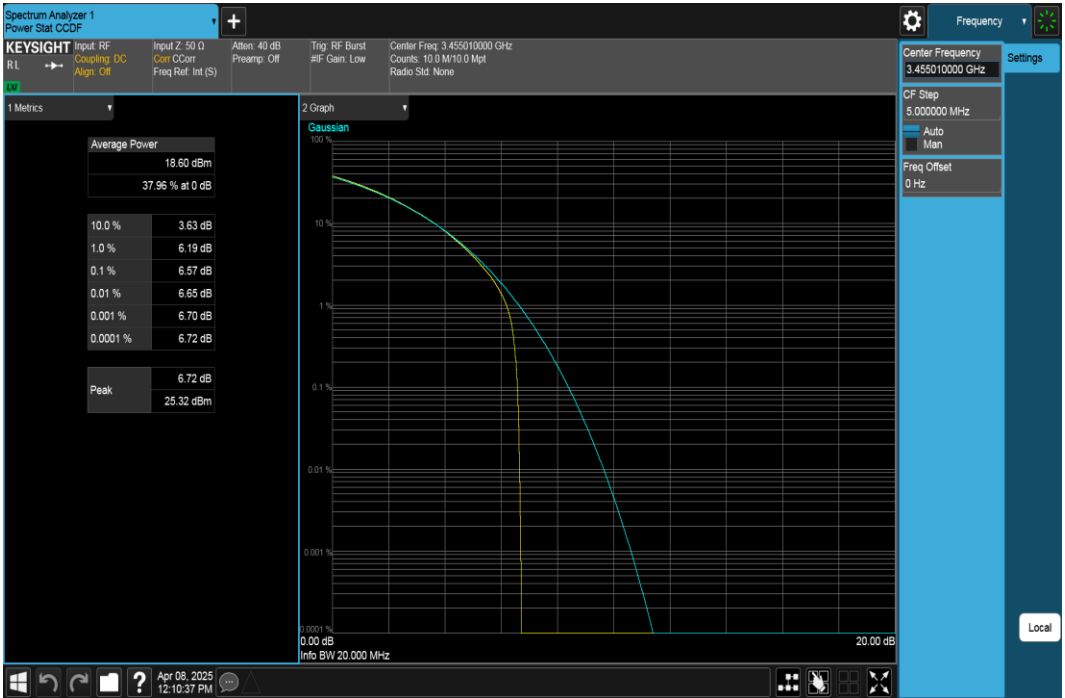


PAPR Test graph

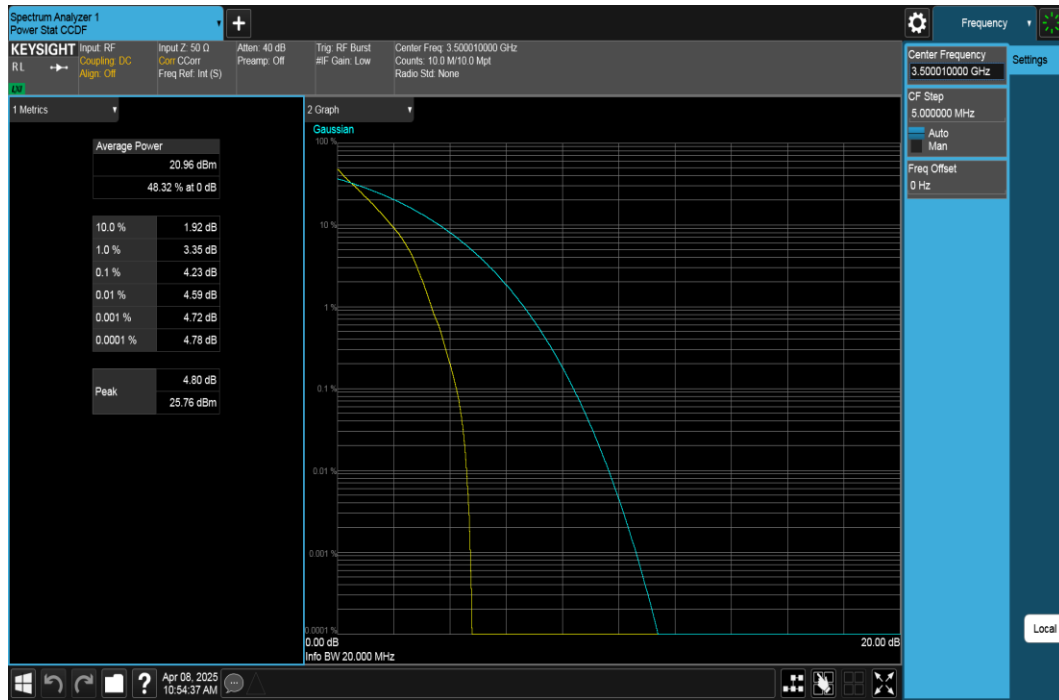
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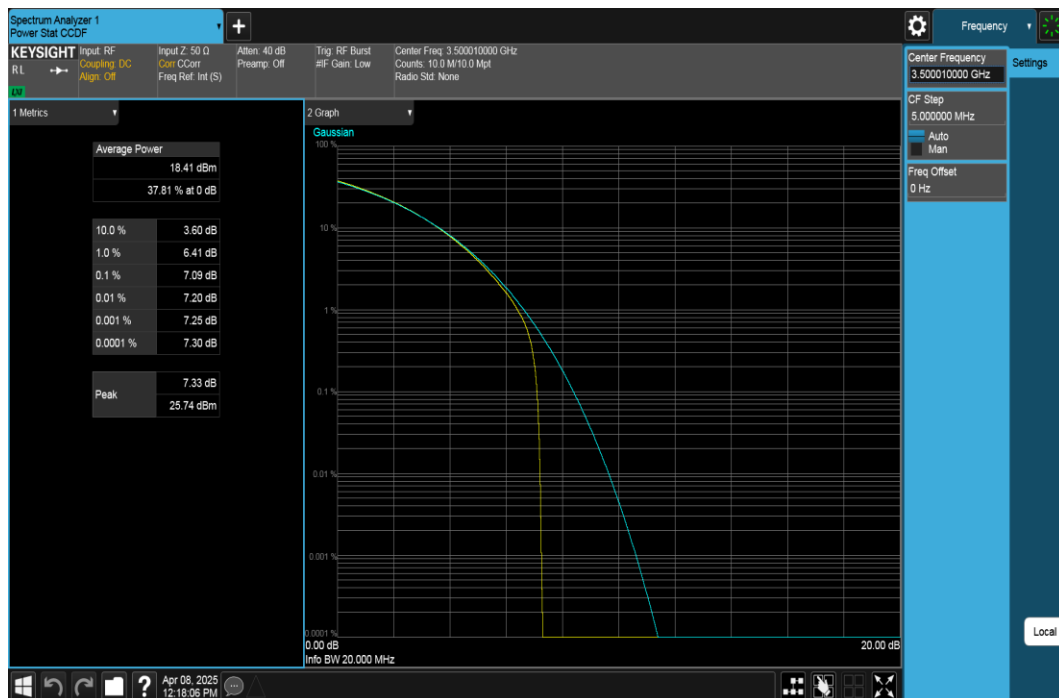
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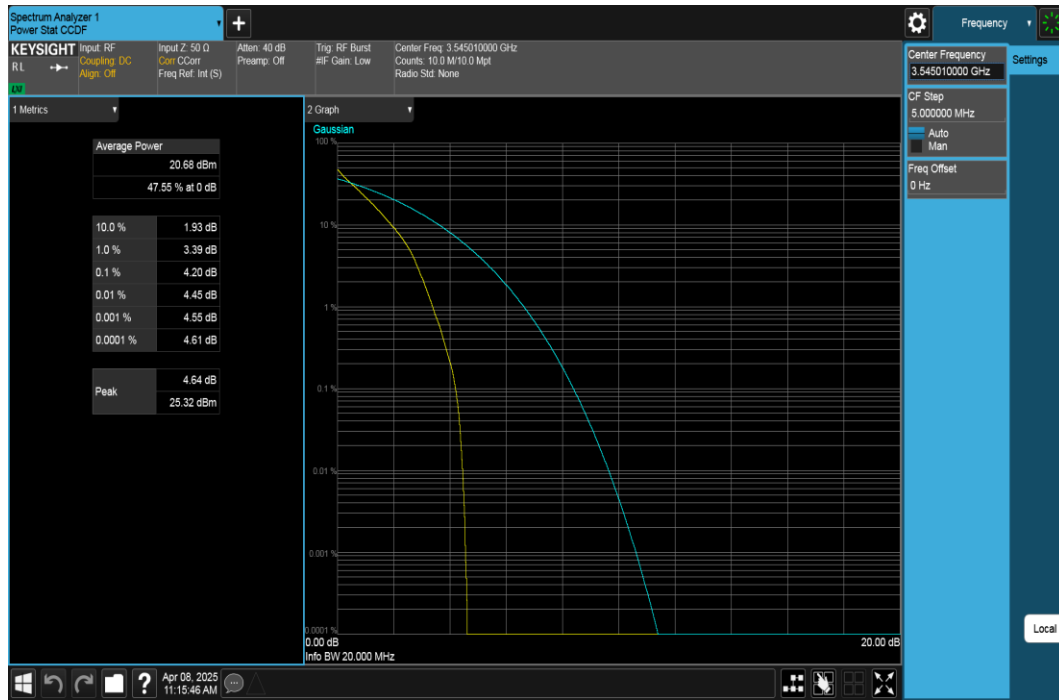
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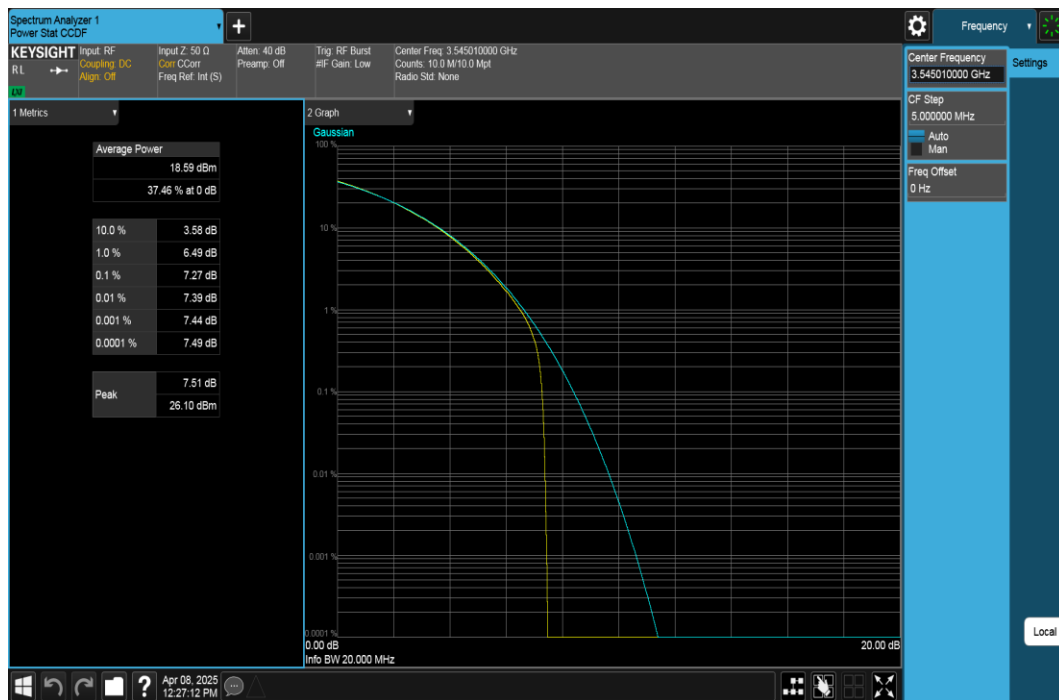
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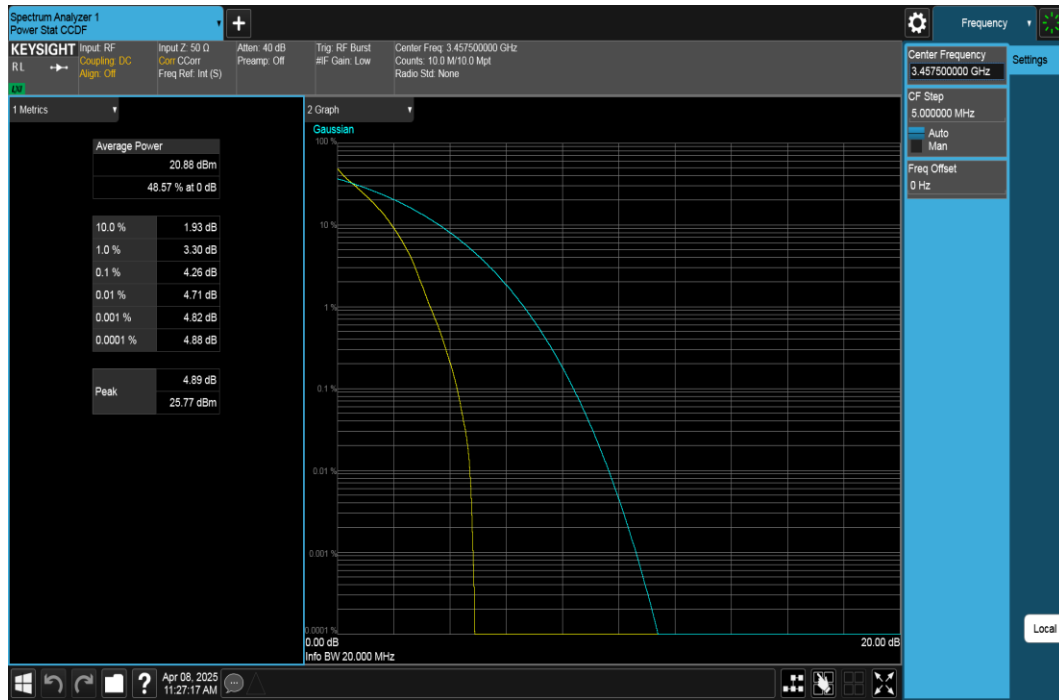
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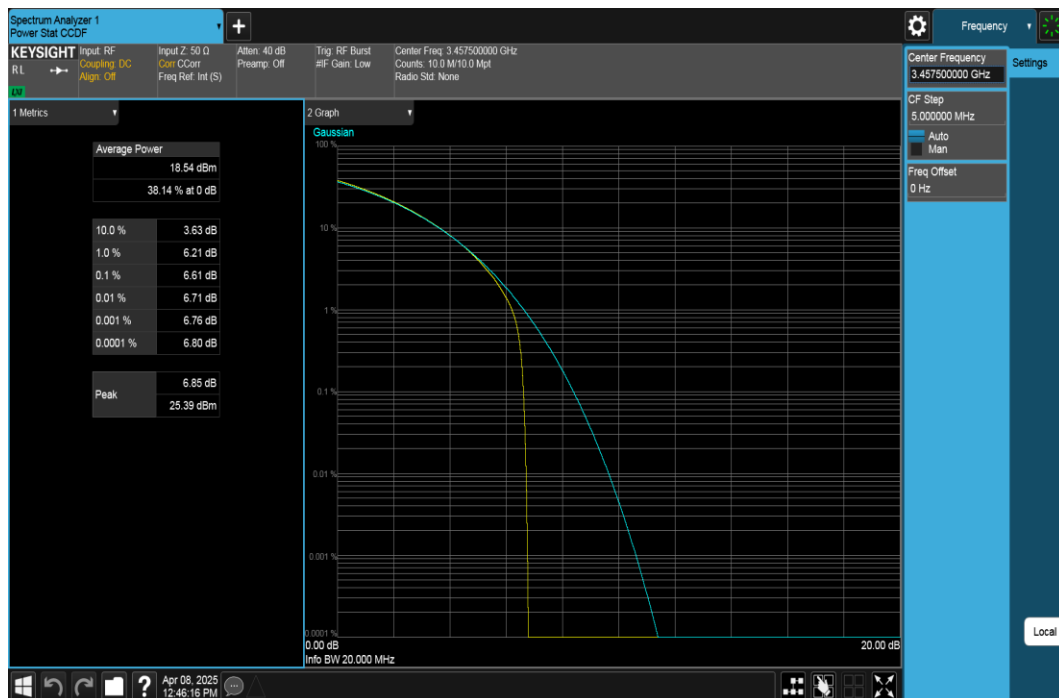
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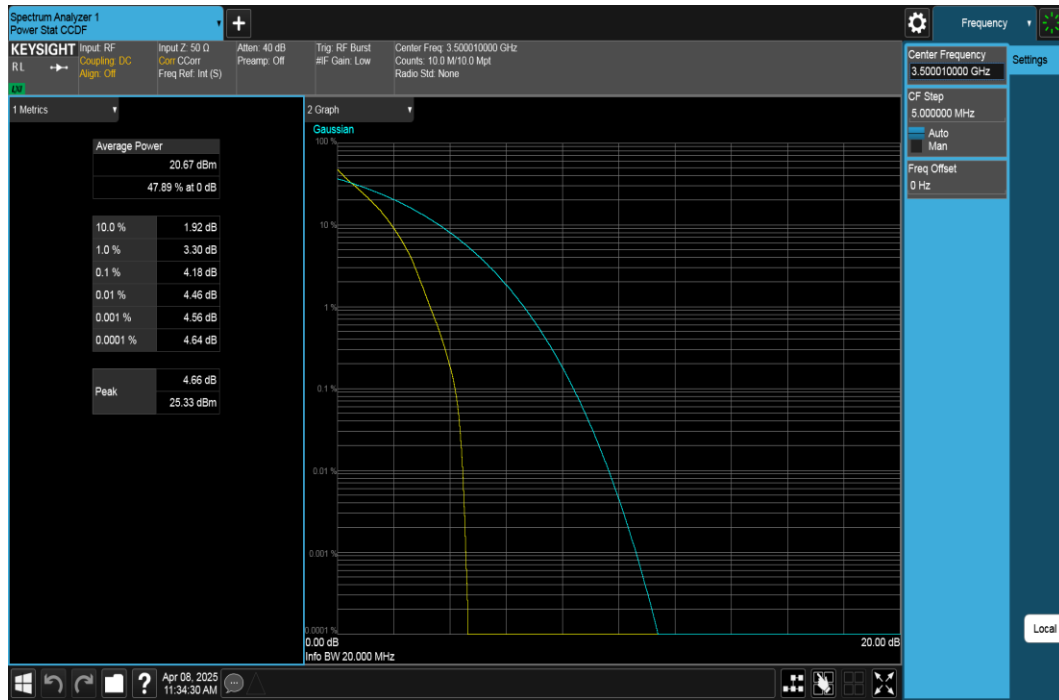
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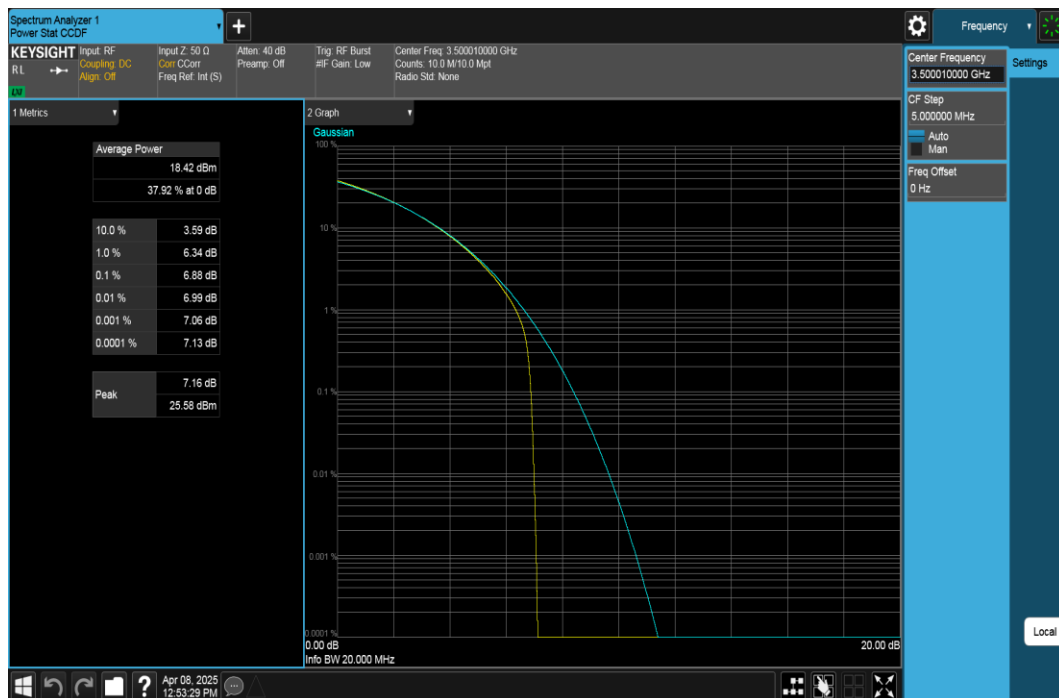
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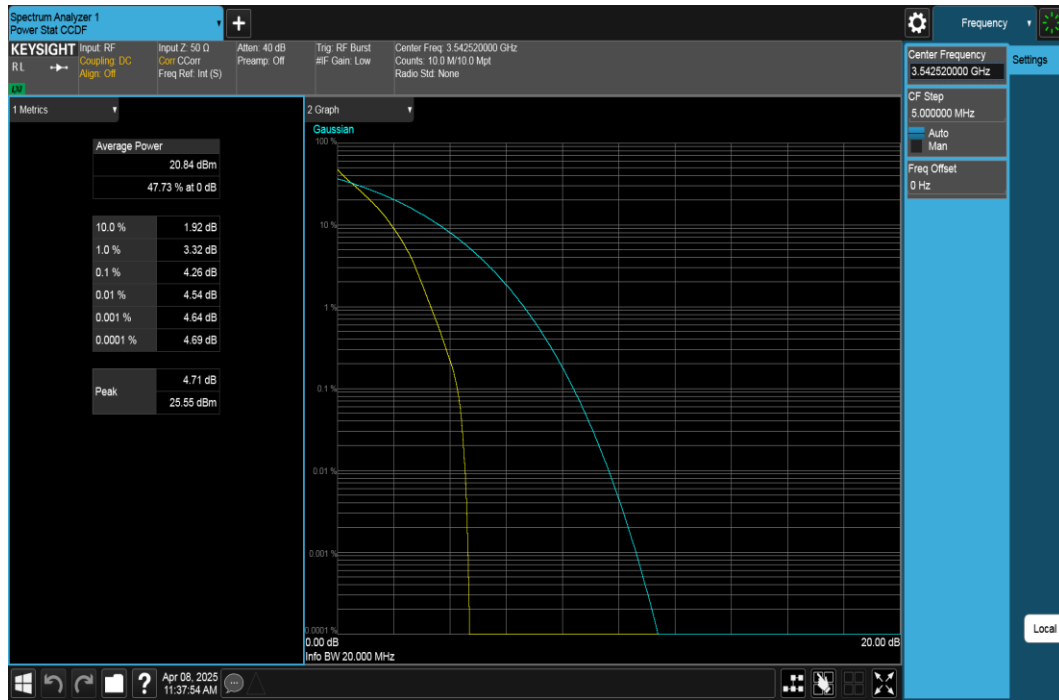
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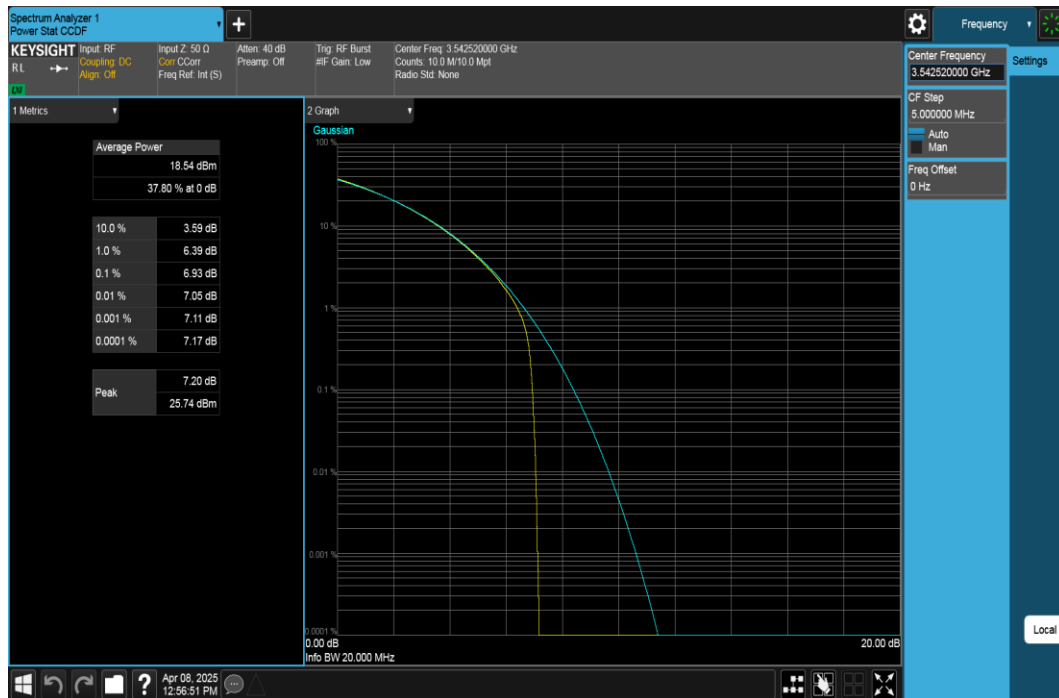
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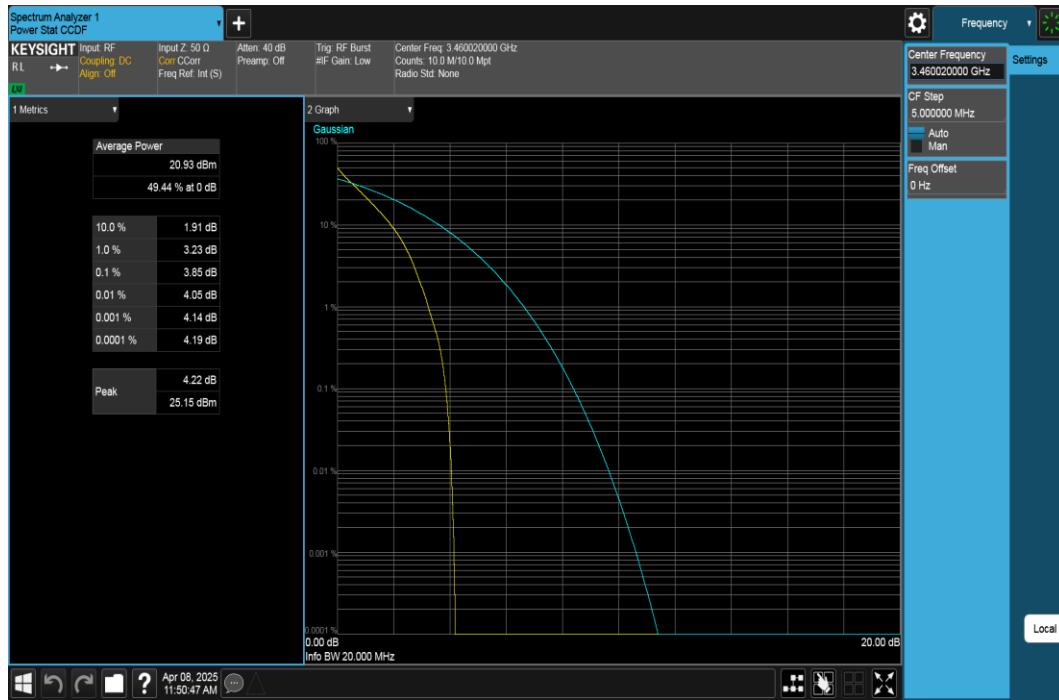
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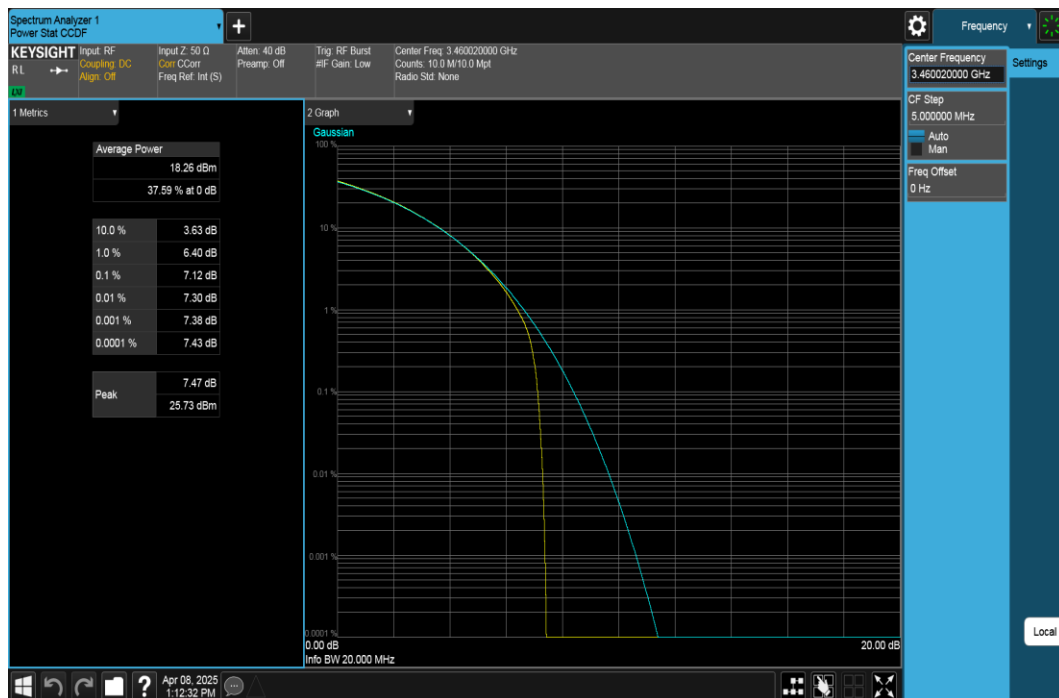
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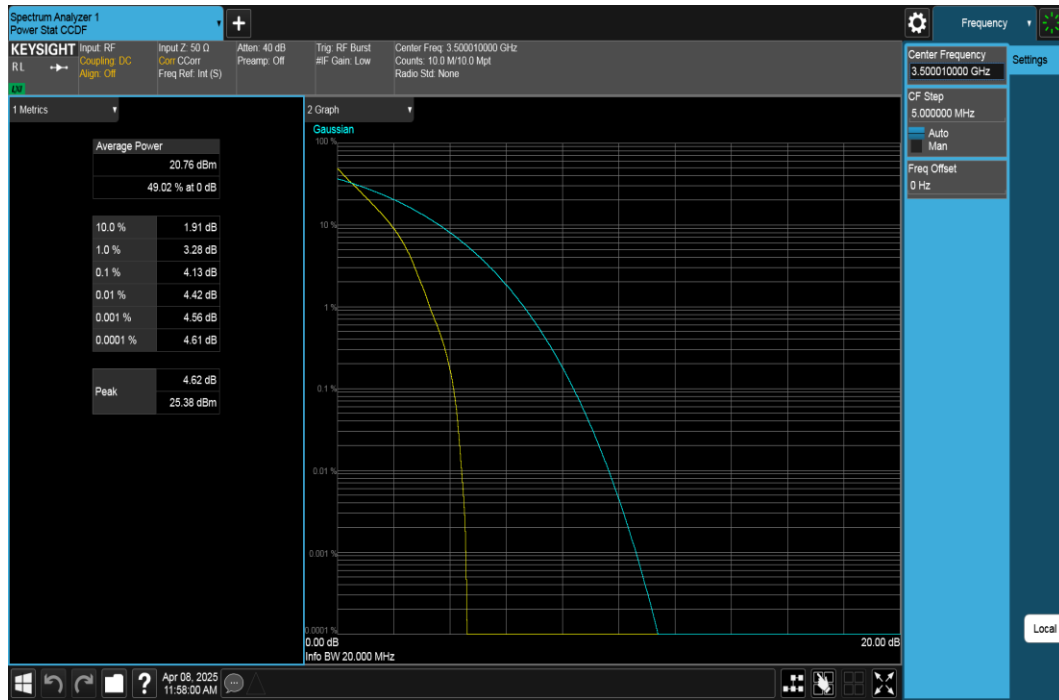
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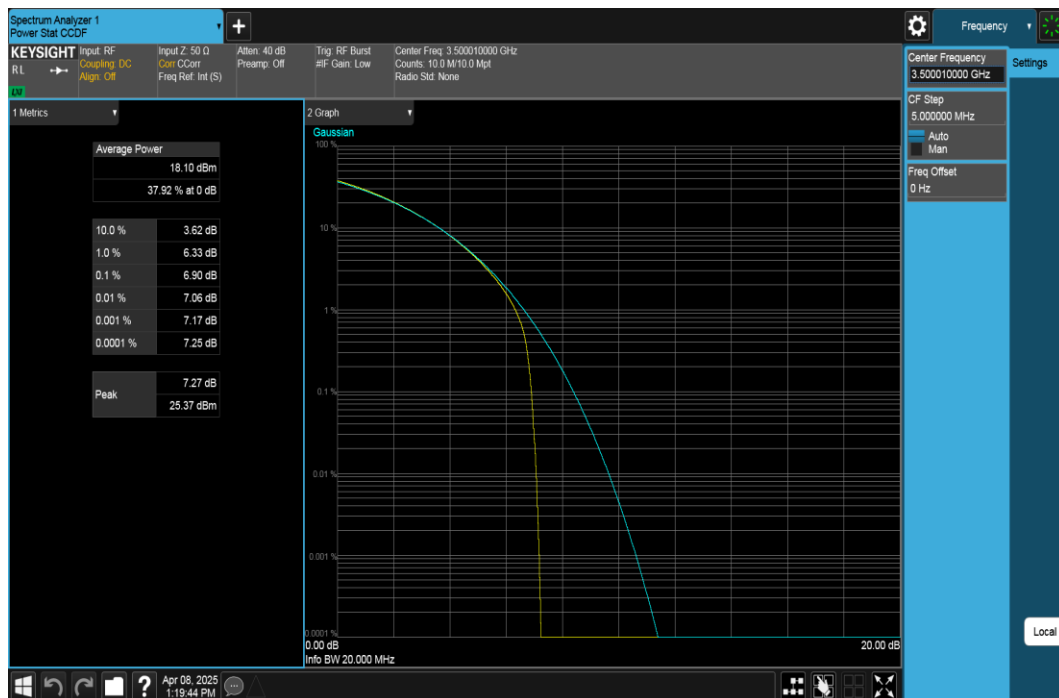
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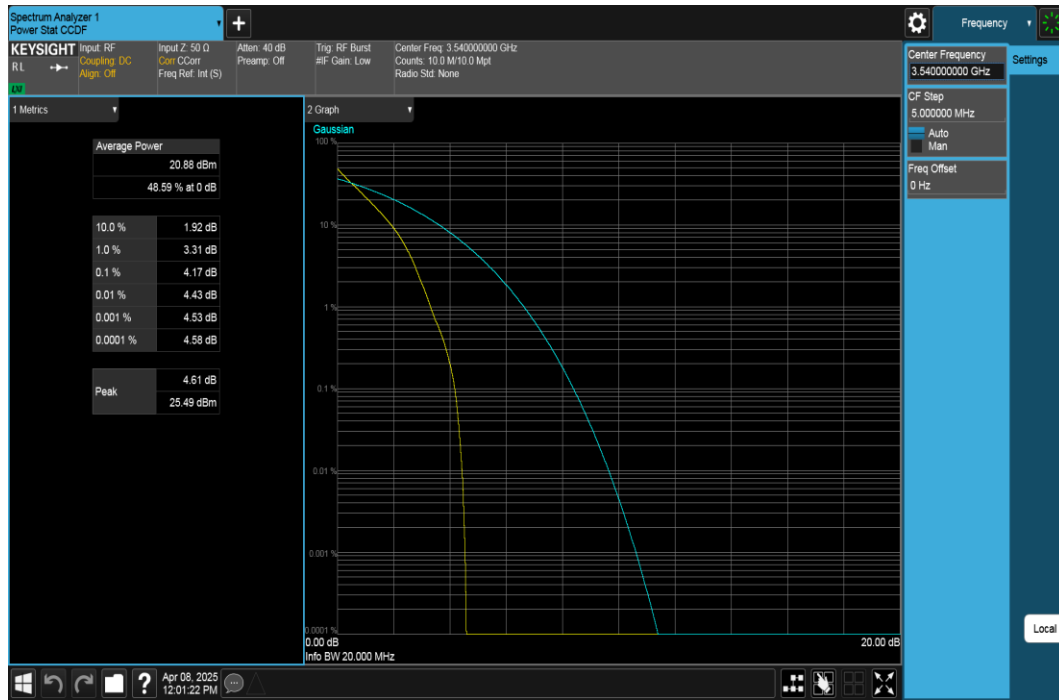
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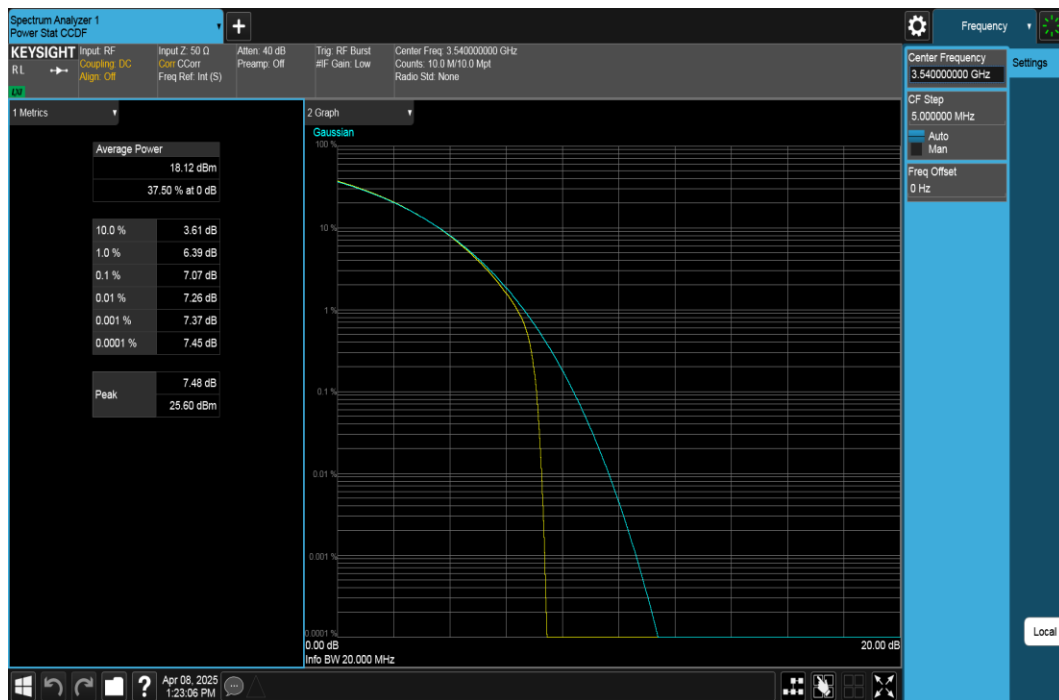
N77a(3450-3550MHz)-20M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N77a(3450-3550MHz)-20M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



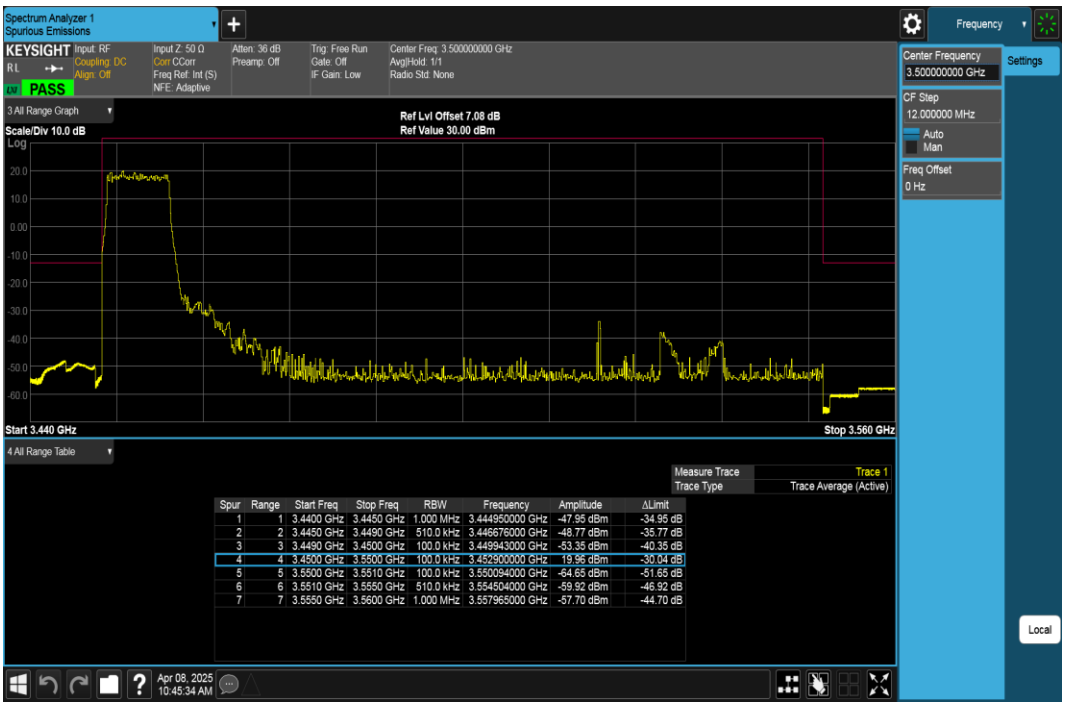
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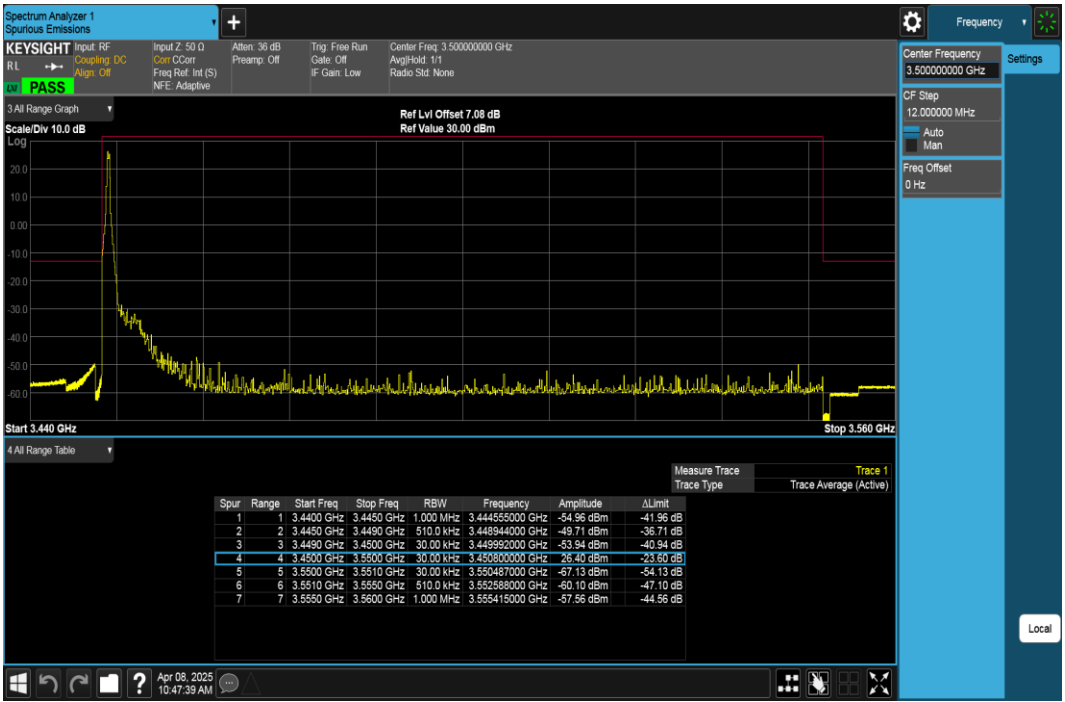
Bandedge

test graph

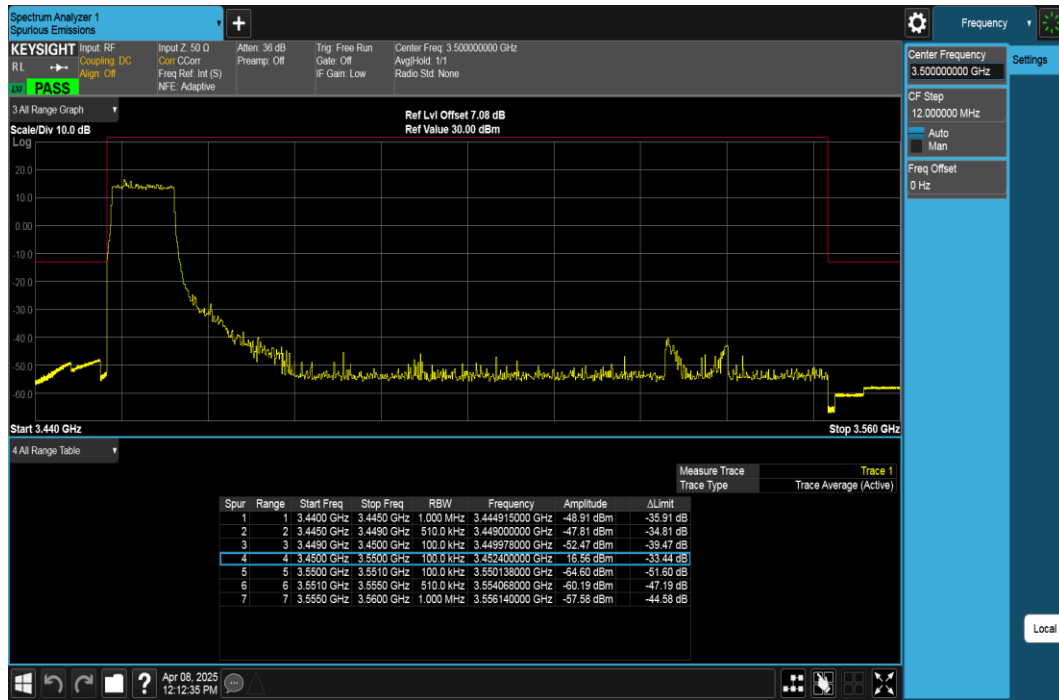
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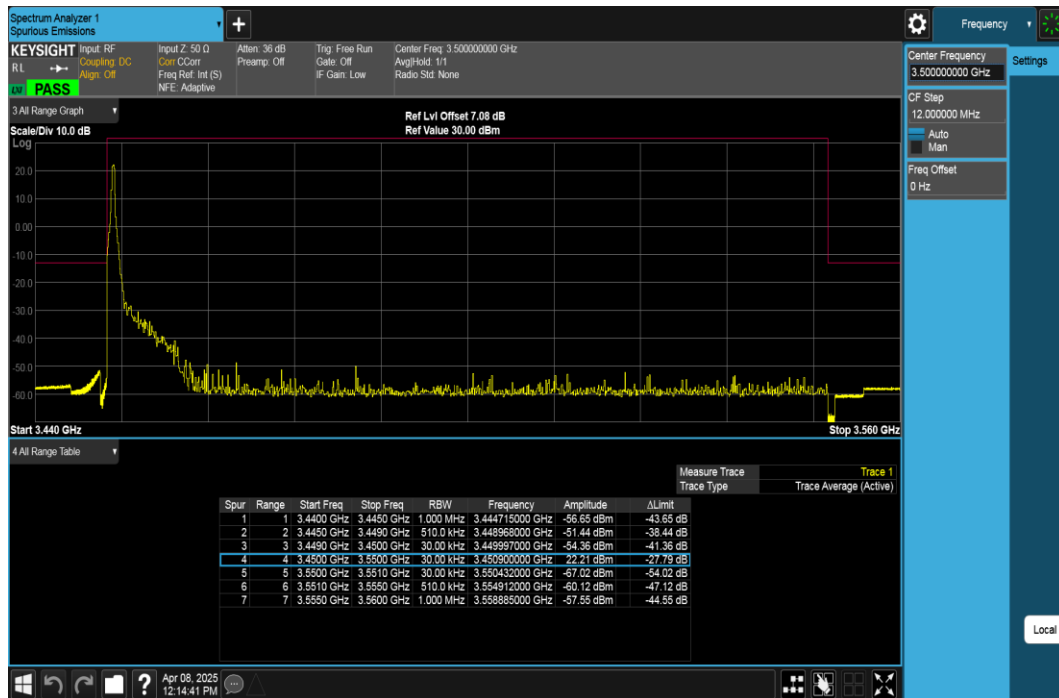
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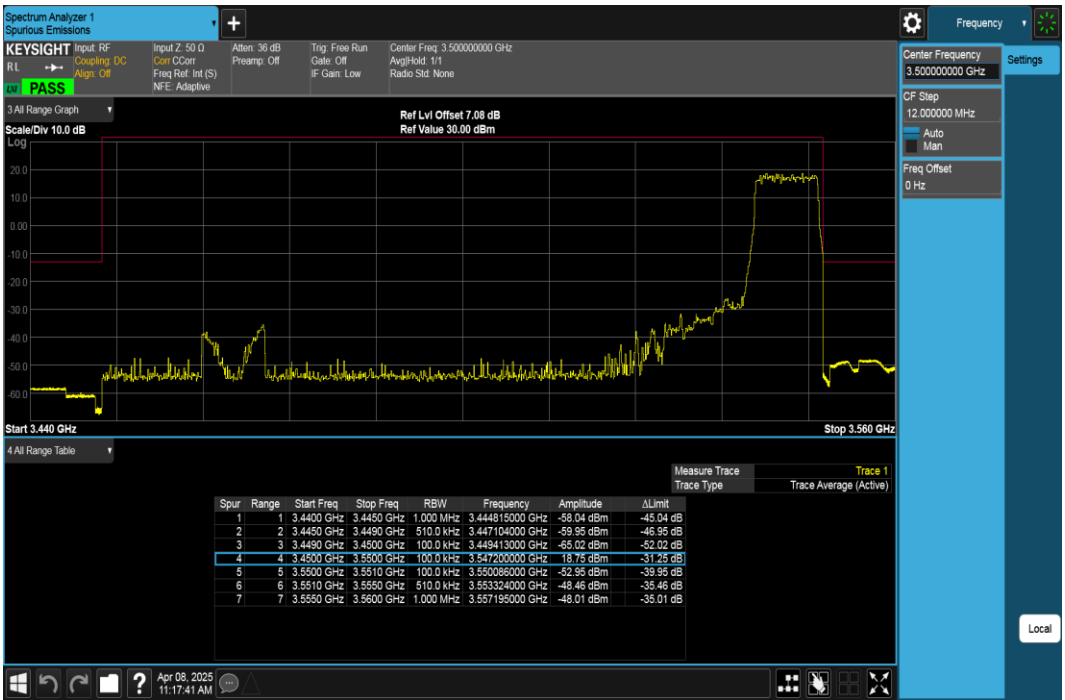
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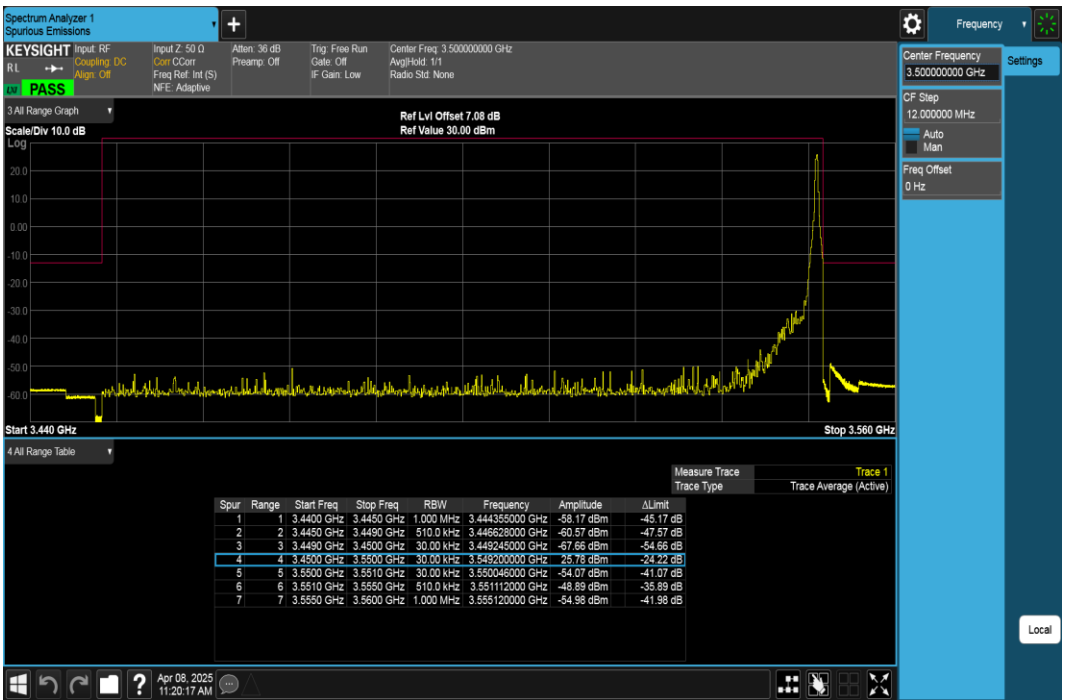
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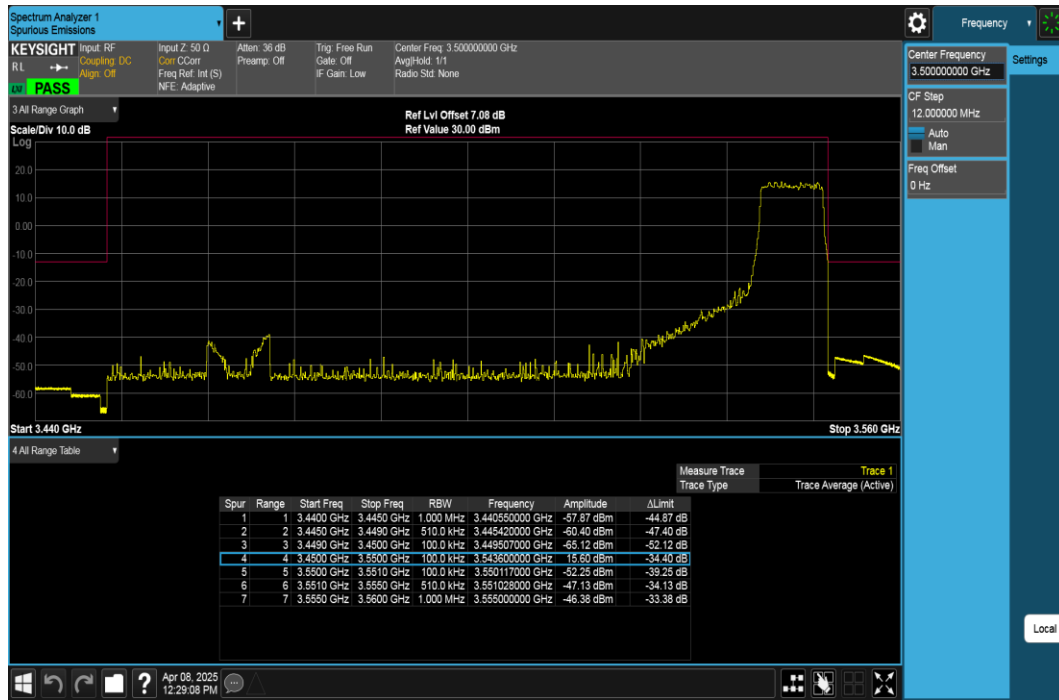
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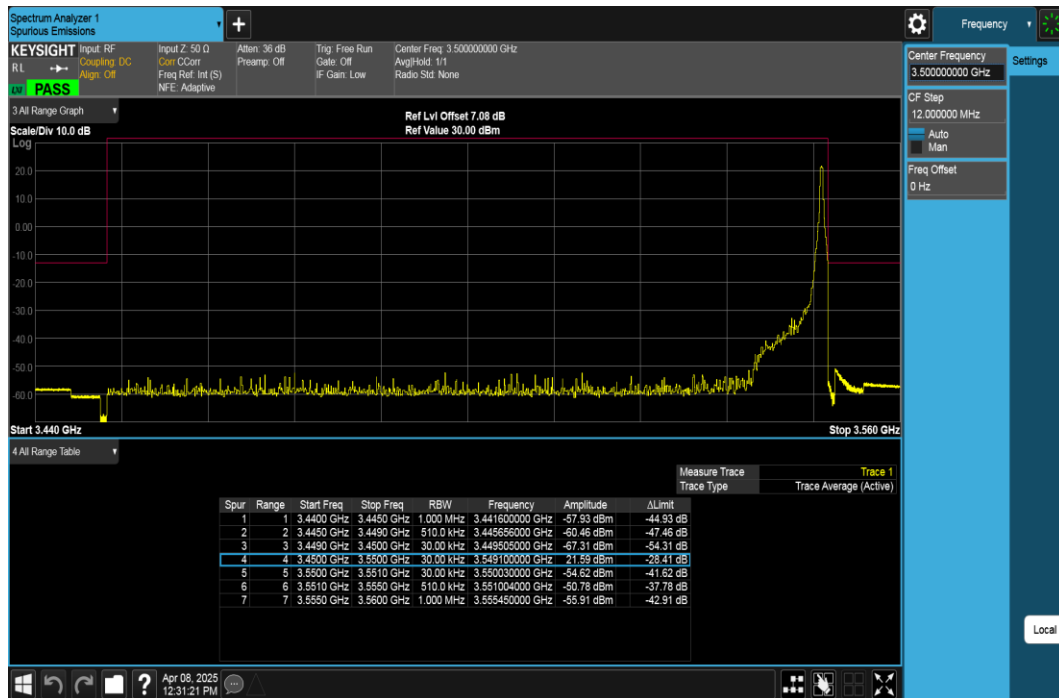
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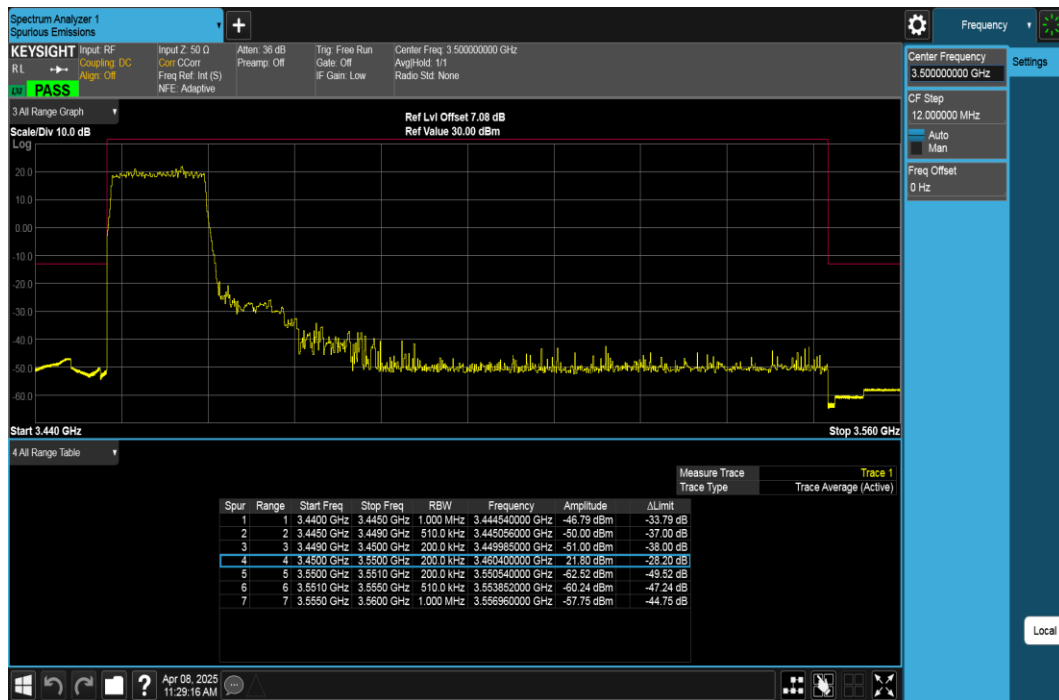
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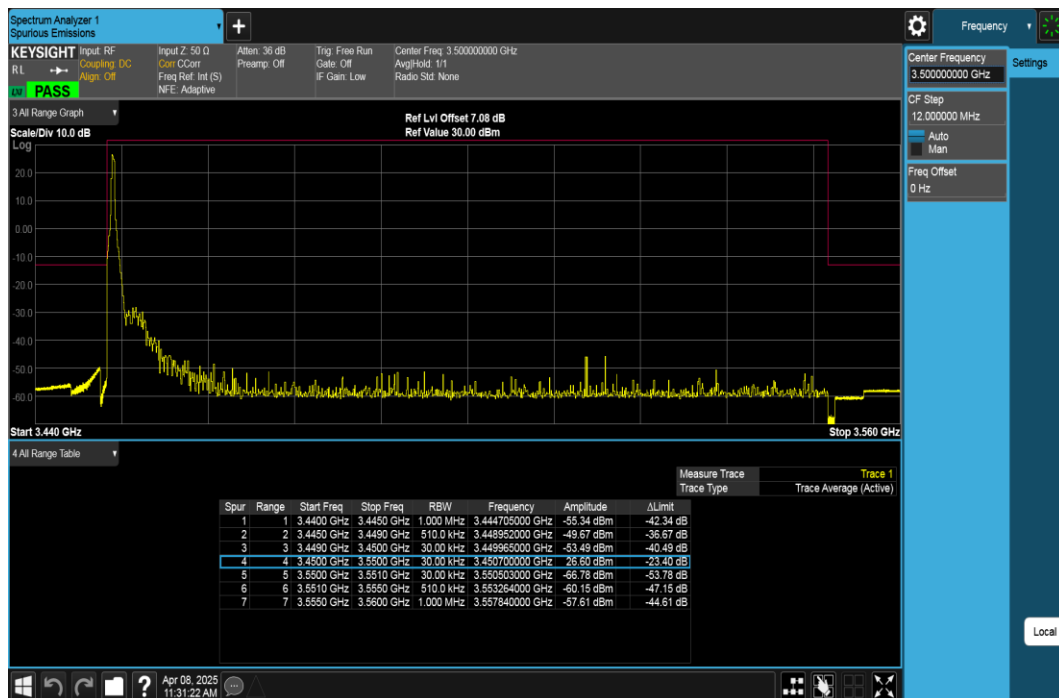
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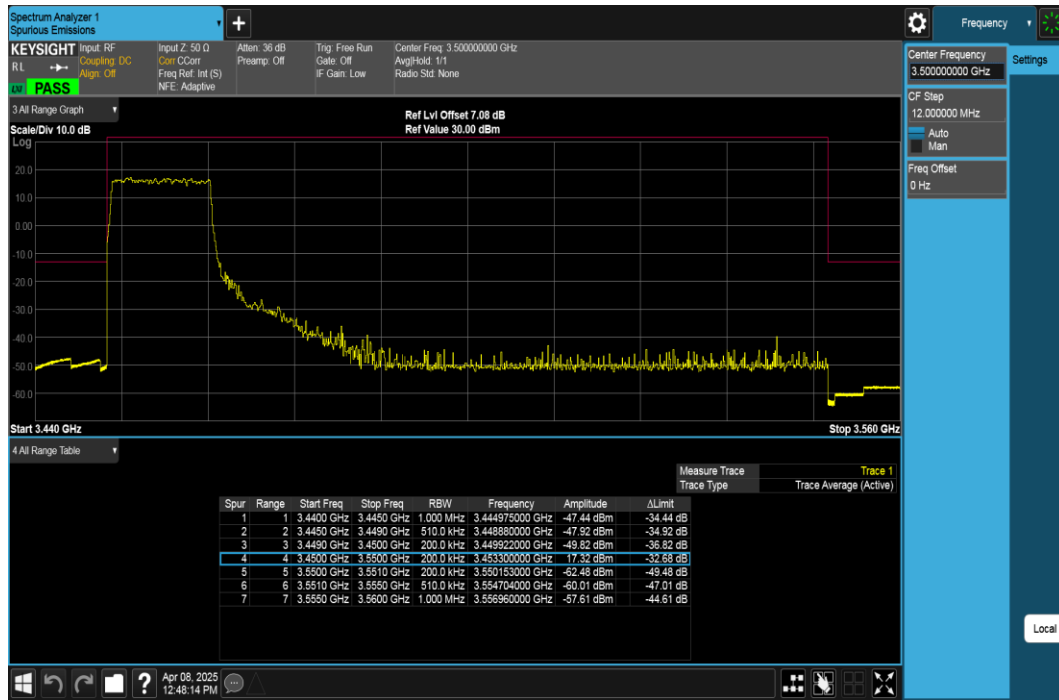
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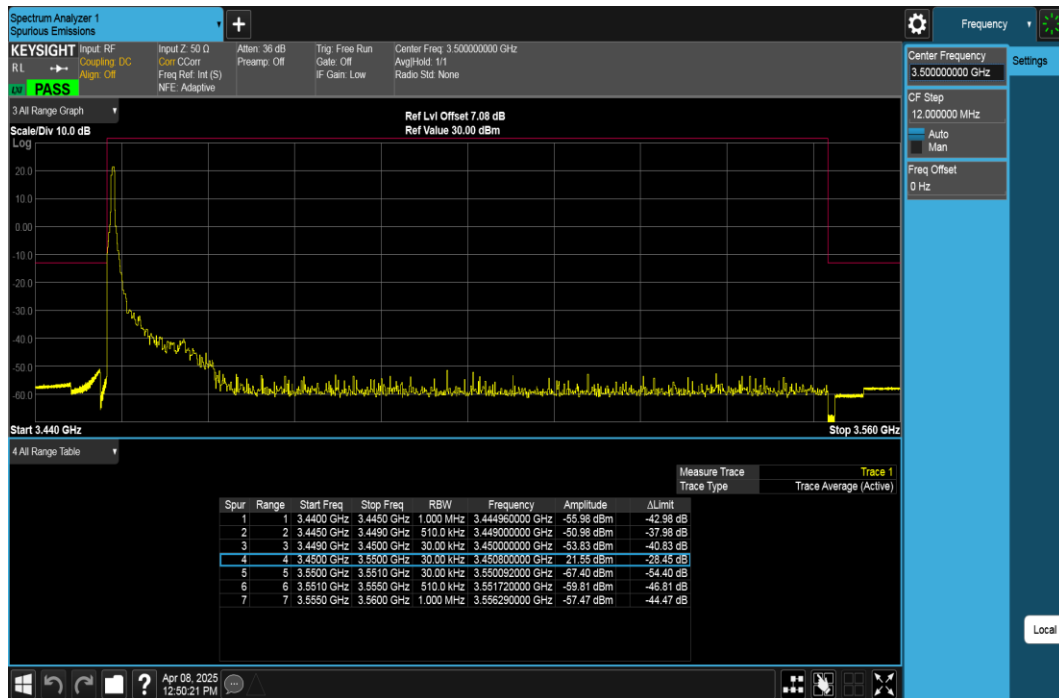
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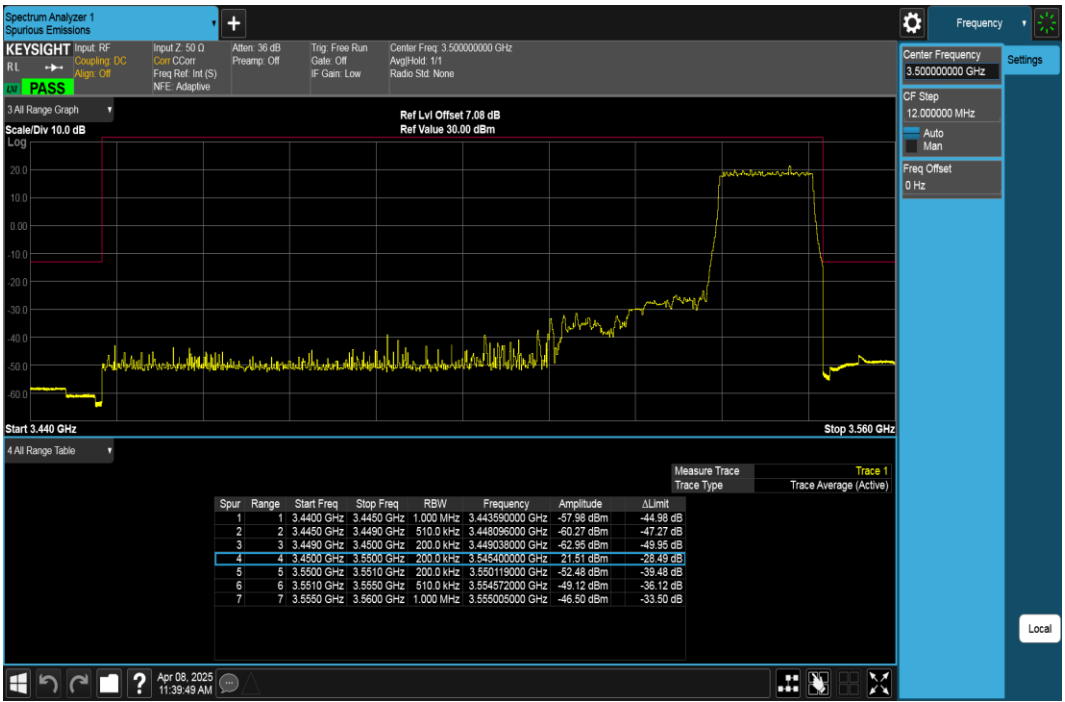
N77a(3450-3550MHz)-15M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full



N77a(3450-3550MHz)-15M-Bandedge-LCH-CP-OFDM-QPSK-1RB0



N77a(3450-3550MHz)-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77a(3450-3550MHz)-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

