

99% & 26dB Bandwidth

Test Result

5G NR N78b(3700-3800MHz) 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	8.6182	9.518	/	Pass
CP-OFDM QPSK		Outer_Full	8.6269	9.702	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	8.567	9.915	/	Pass
CP-OFDM QPSK		Outer_Full	8.6154	10.08	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.5855	9.926	/	Pass
CP-OFDM QPSK		Outer_Full	8.6074	9.577	/	Pass

5G NR N78b(3700-3800MHz) 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	12.946	14.47	/	Pass
CP-OFDM QPSK		Outer_Full	13.683	14.88	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	12.929	14.69	/	Pass
CP-OFDM QPSK		Outer_Full	13.665	15.03	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	12.989	14.43	/	Pass
CP-OFDM QPSK		Outer_Full	13.656	15.07	/	Pass

5G NR N78b(3700-3800MHz) 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	17.852	19.15	/	Pass
CP-OFDM QPSK		Outer_Full	18.277	19.99	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	17.864	19.56	/	Pass
CP-OFDM QPSK		Outer_Full	18.284	20.18	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.898	19.18	/	Pass
CP-OFDM QPSK		Outer_Full	18.256	19.81	/	Pass

Peak-Average Ratio

Test Result

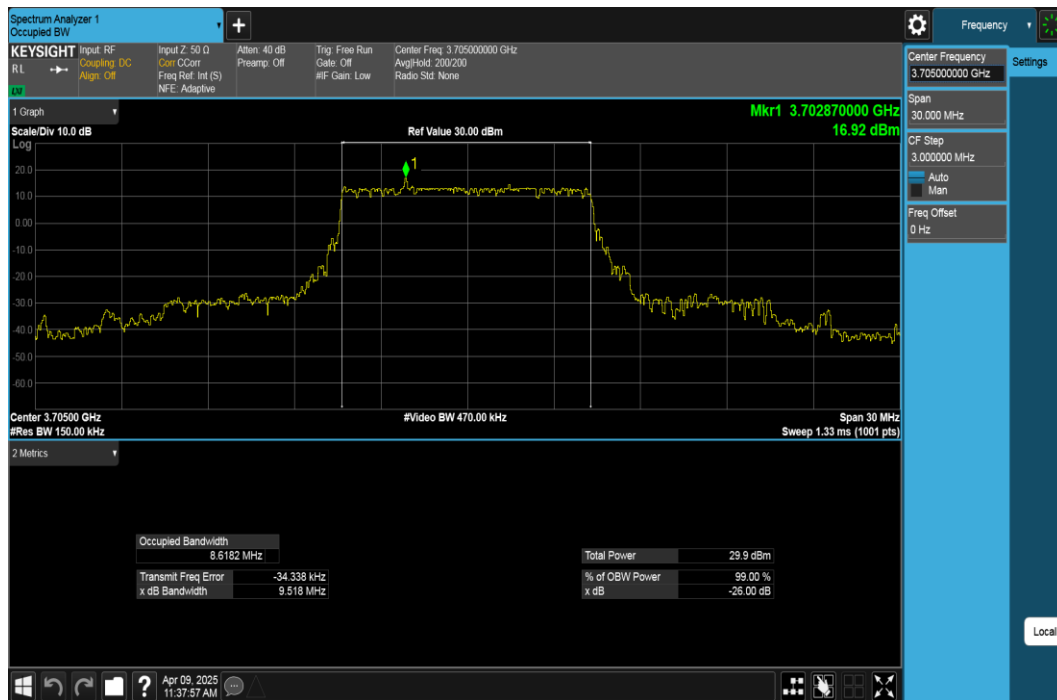
5G NR N78b(3700-3800MHz) SCS=30kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.94	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.48	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.88	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.49	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.23	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.91	<=13	Pass

5G NR N78b(3700-3800MHz) SCS=30kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.02	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.55	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.01	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.54	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.36	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.03	<=13	Pass

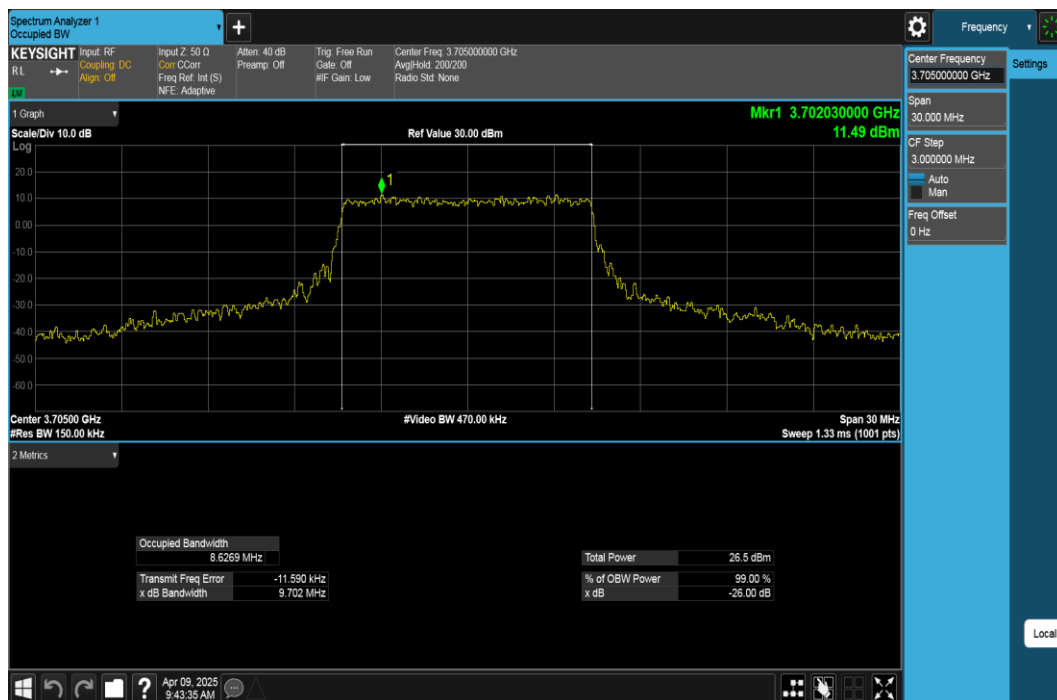
5G NR N78b(3700-3800MHz) SCS=30kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.01	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.61	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.62	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.38	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.1	<=13	Pass

OBW Test graph

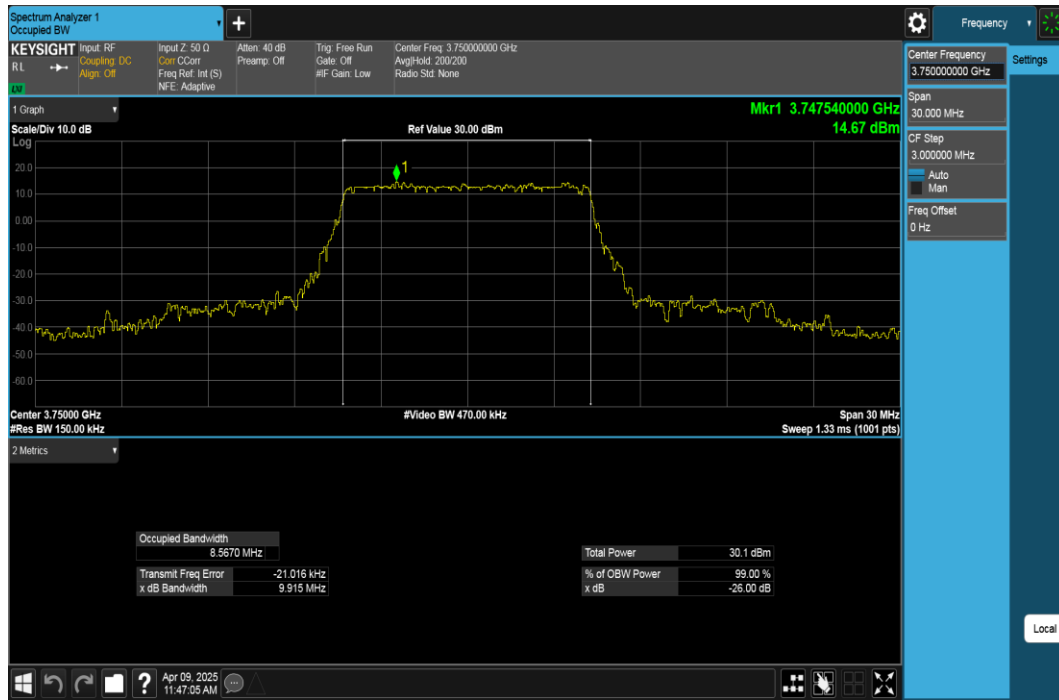
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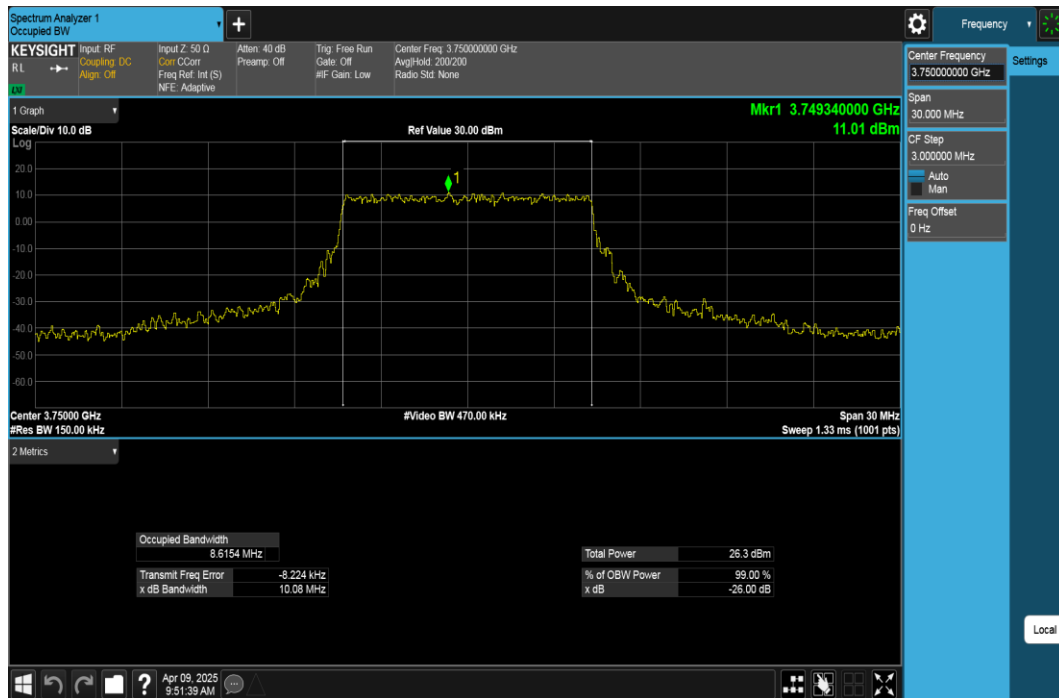
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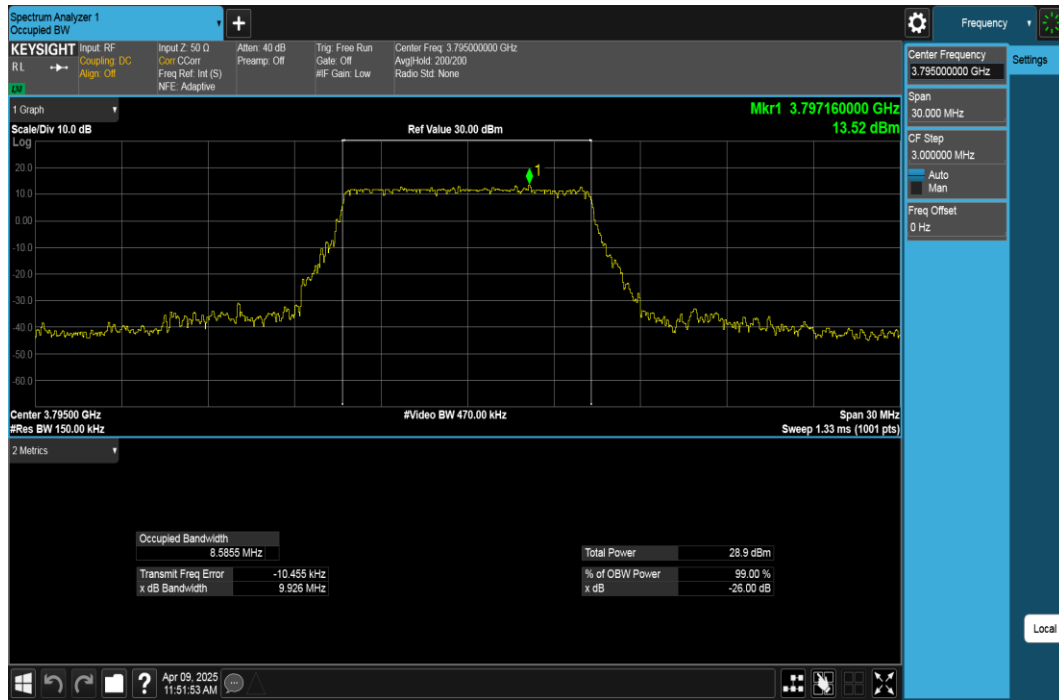
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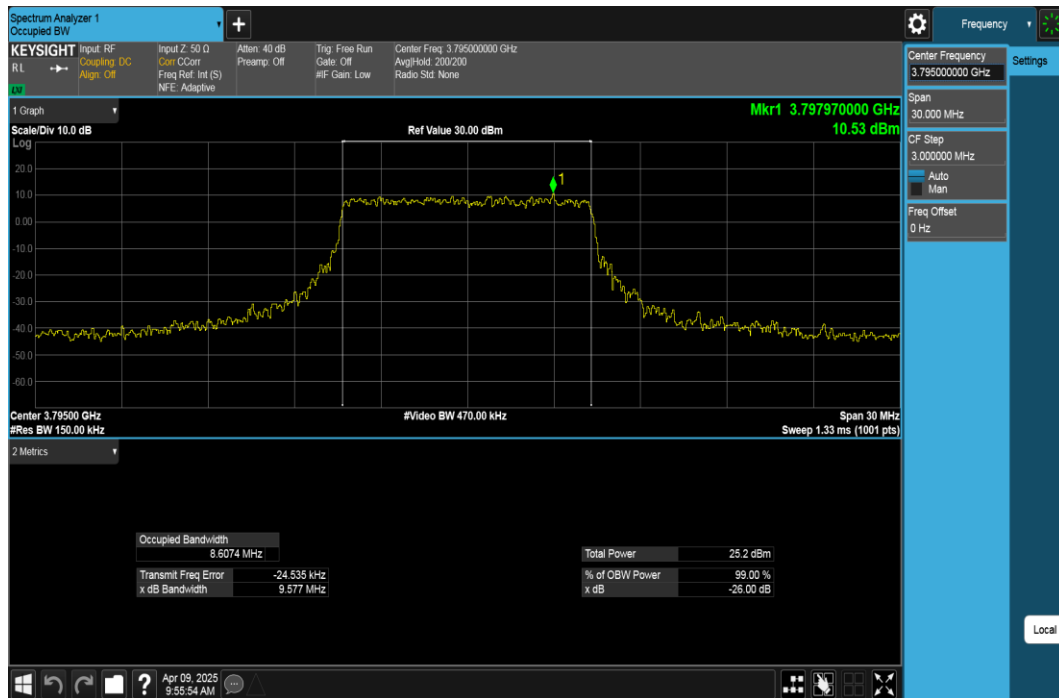
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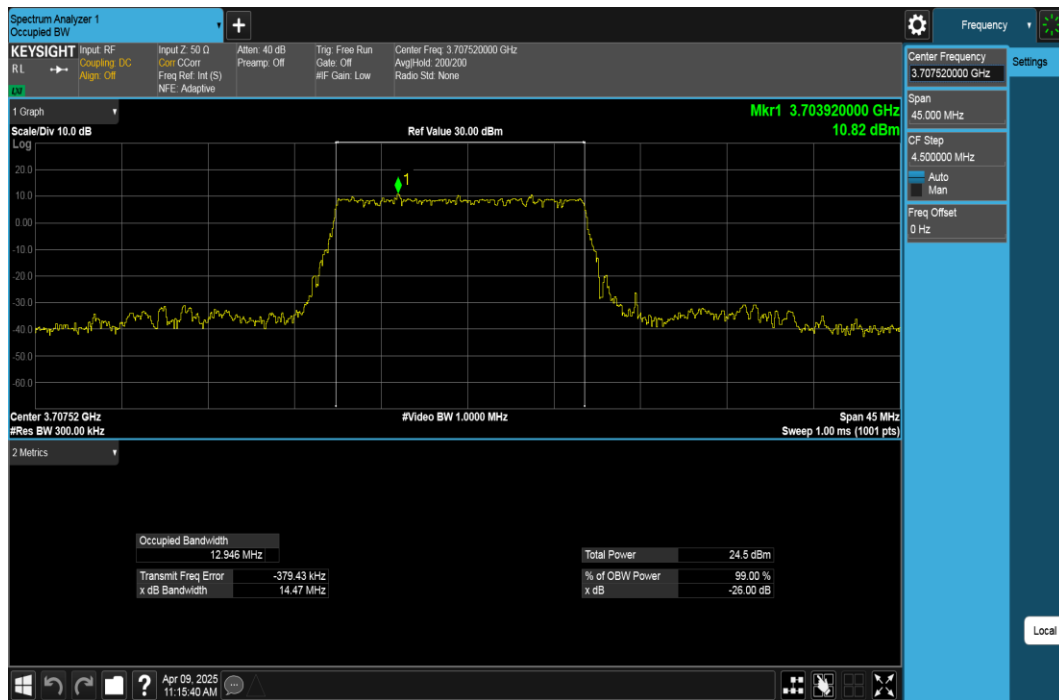
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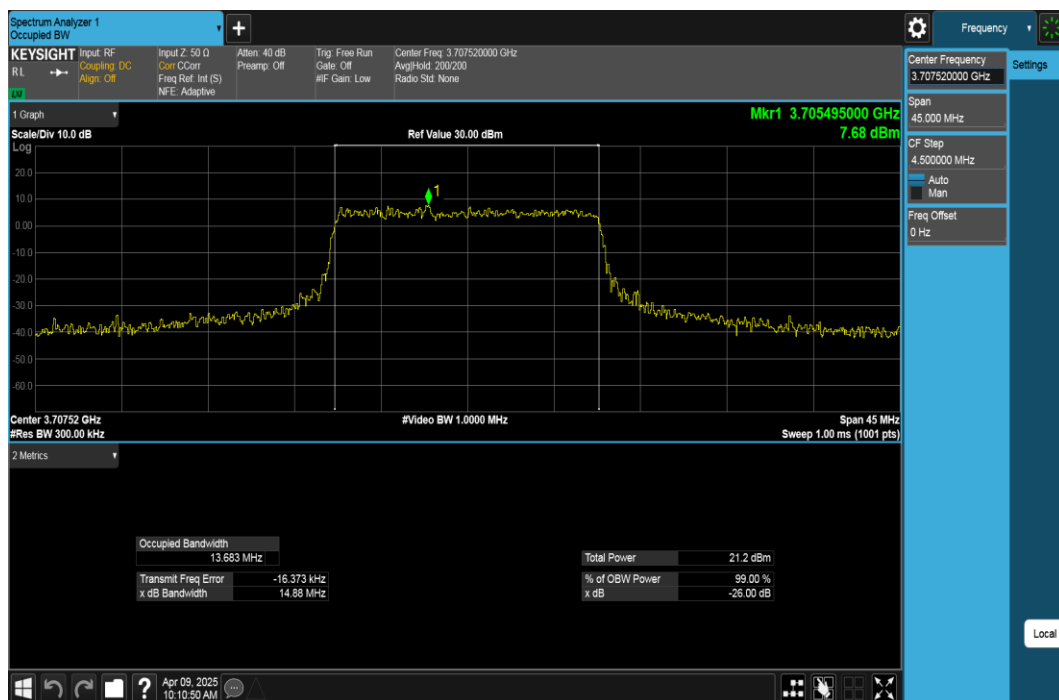
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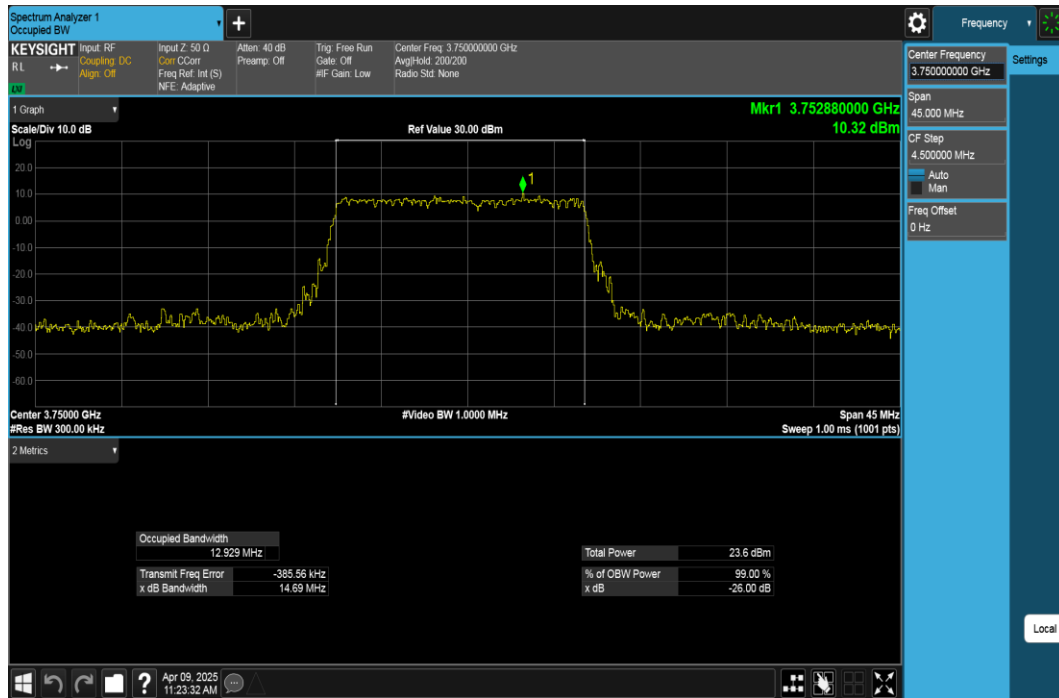
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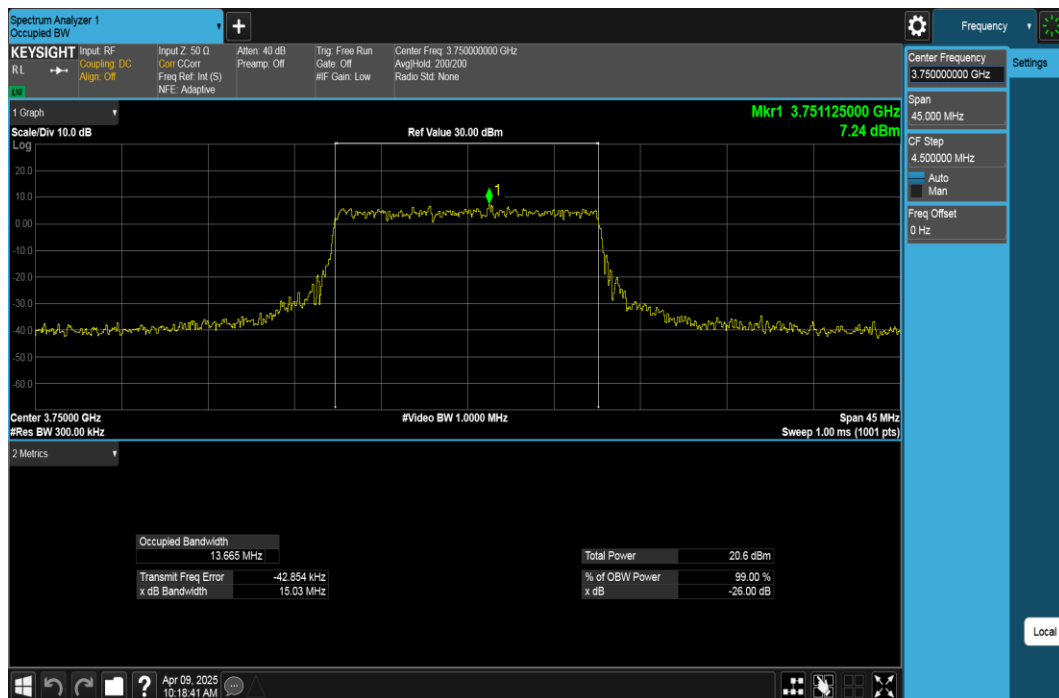
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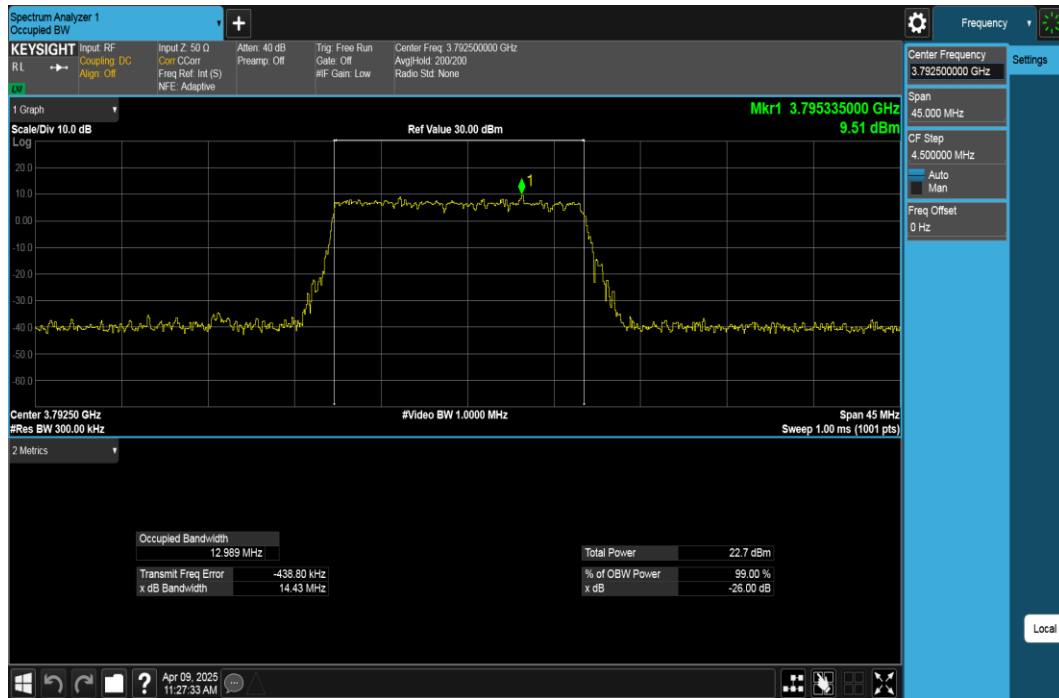
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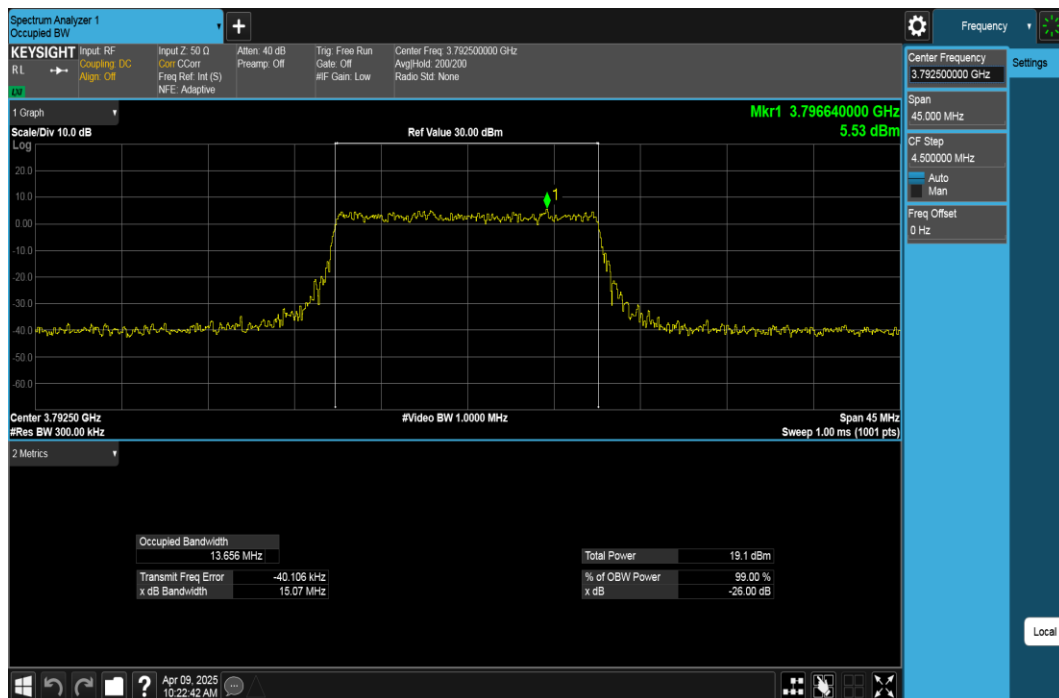
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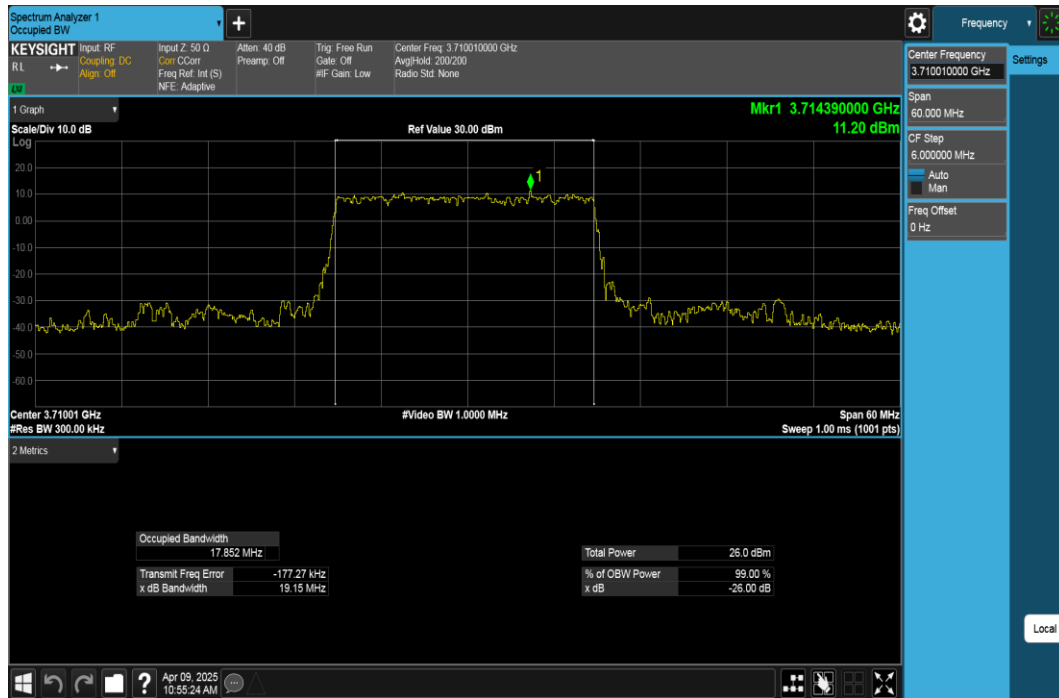
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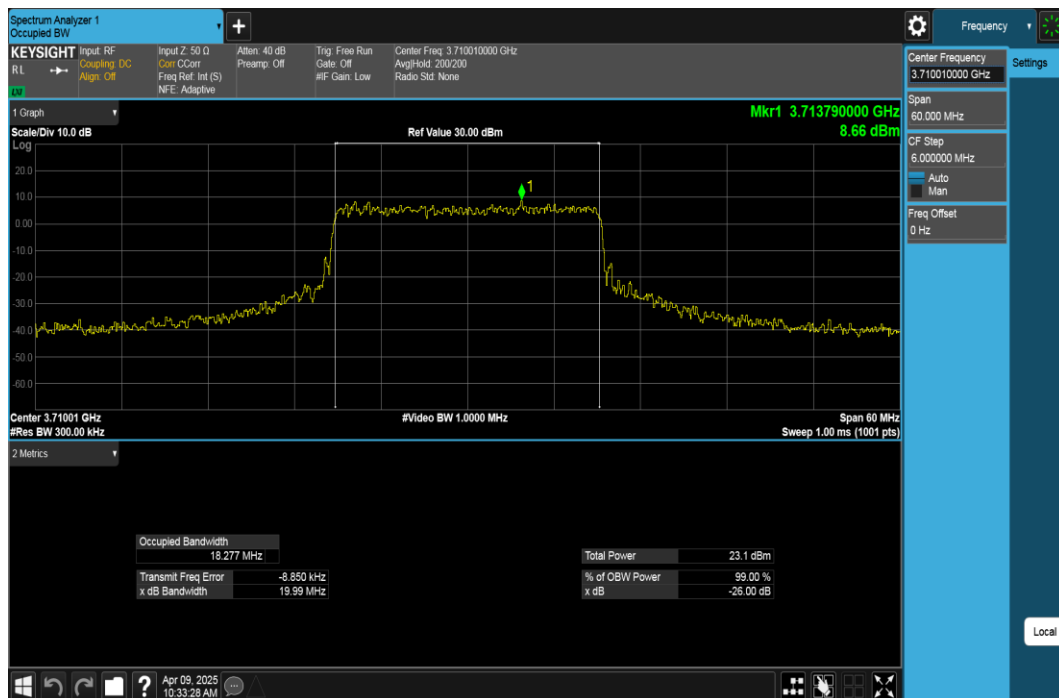
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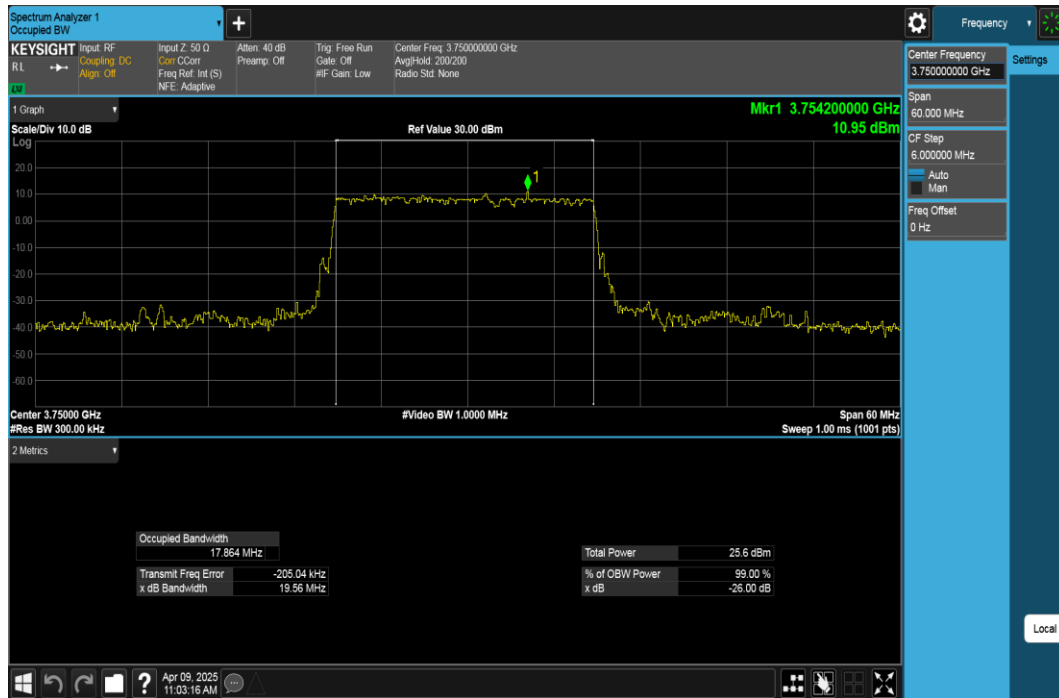
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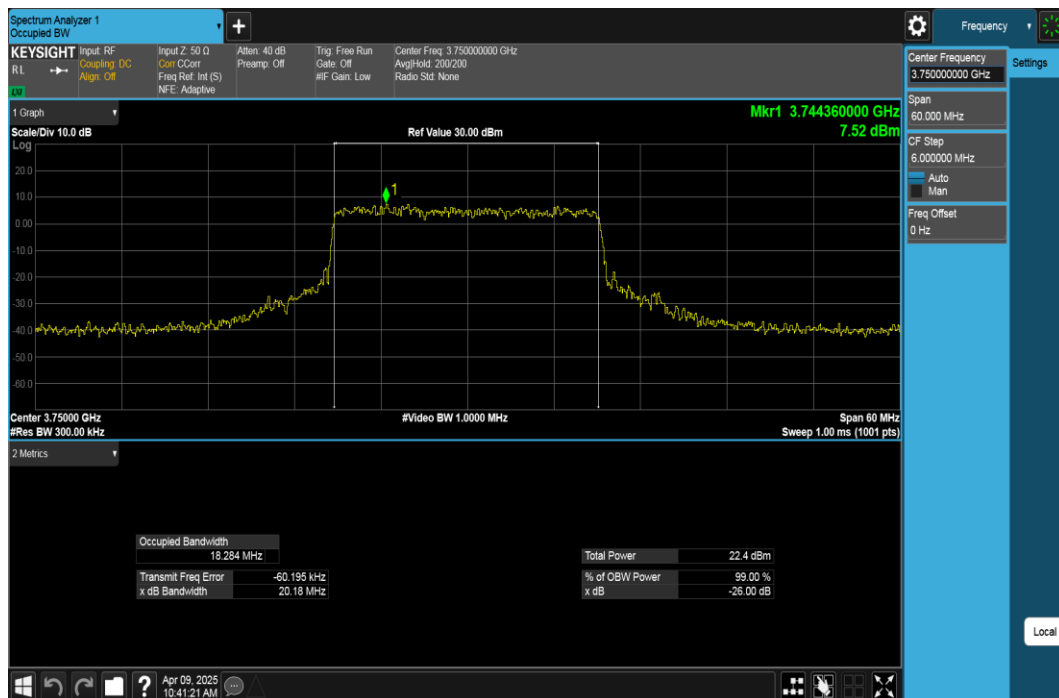
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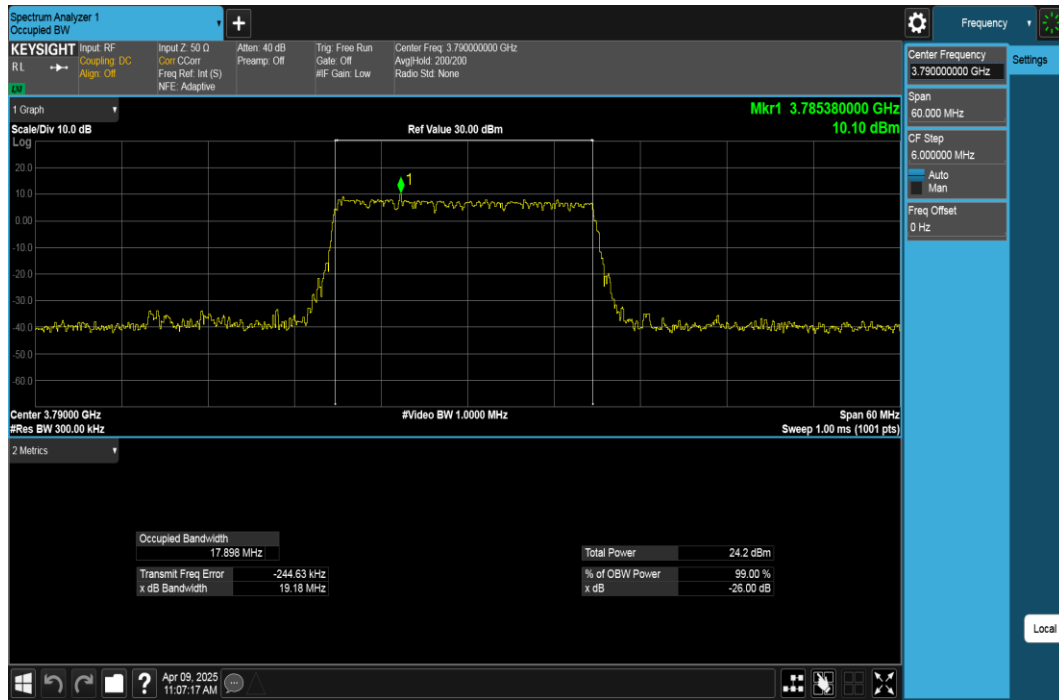
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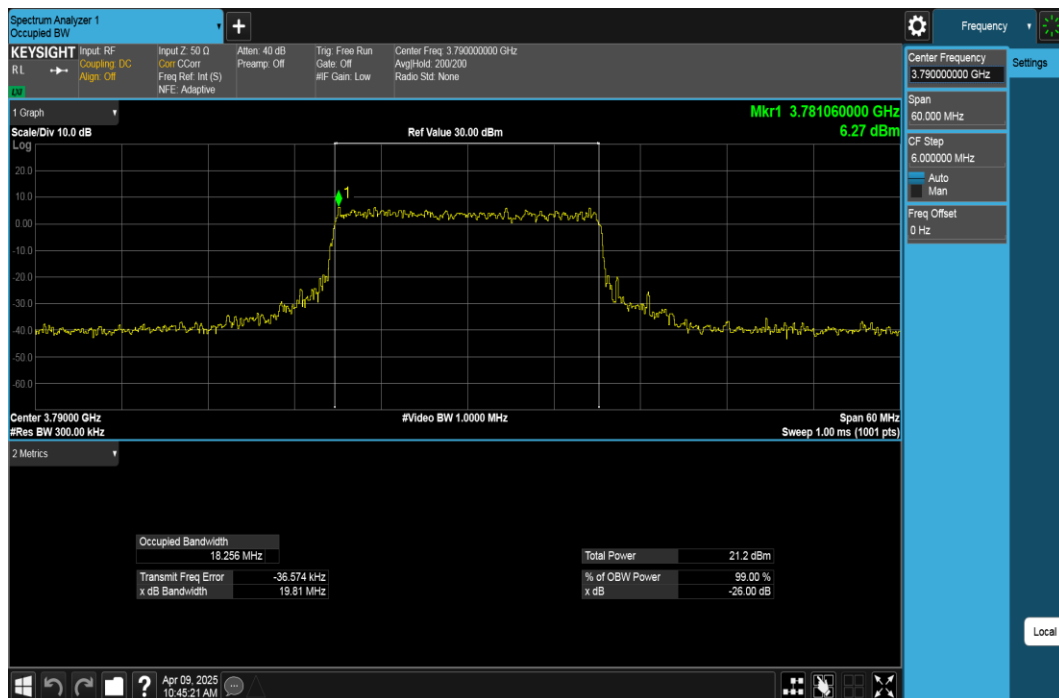
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N78b(3700-3800MHz)-20M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

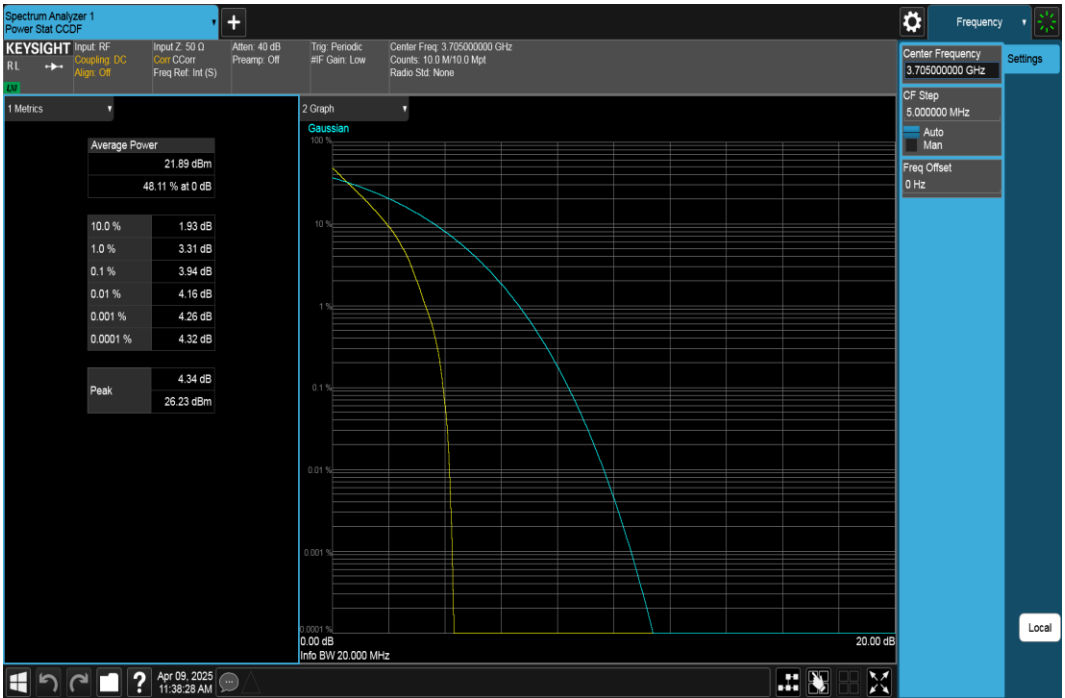


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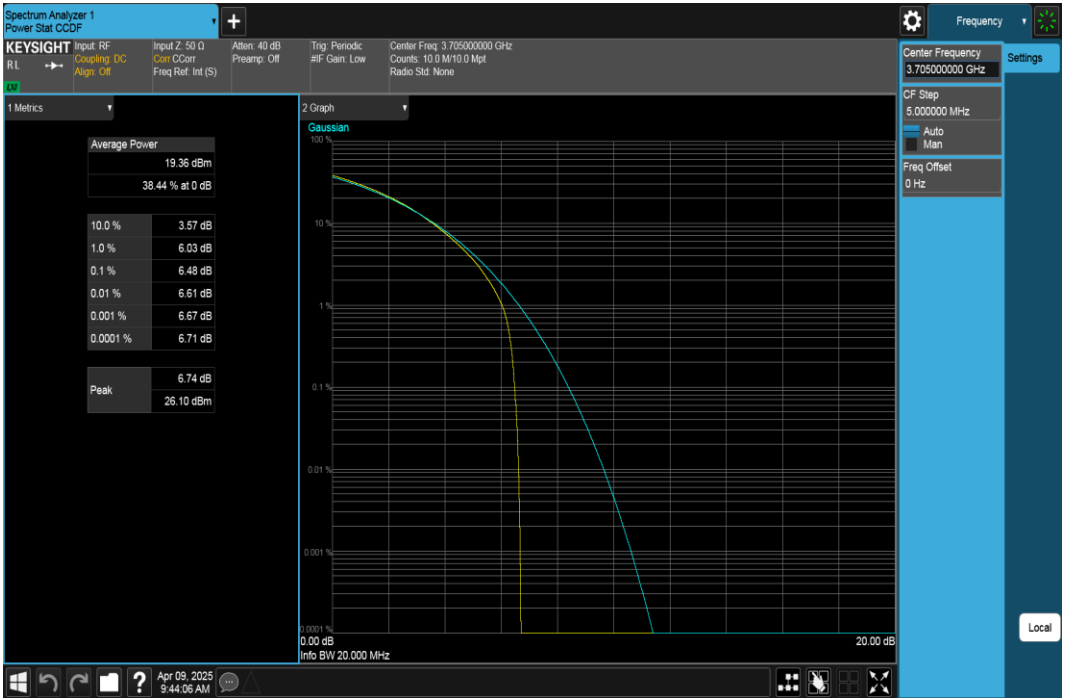


PAPR Test graph

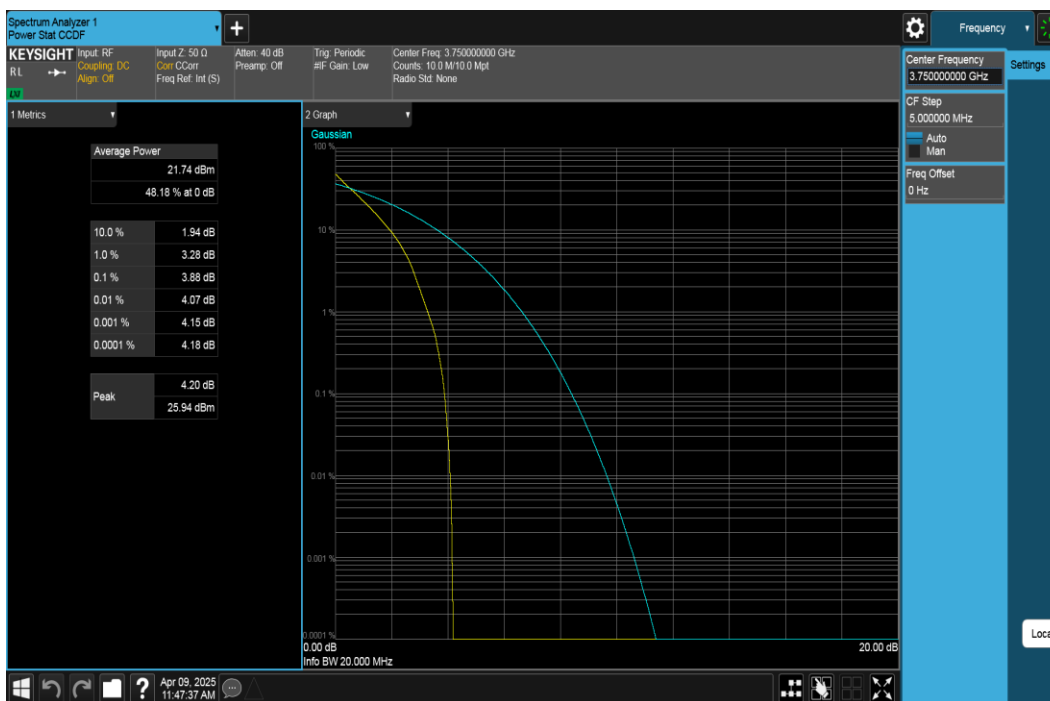
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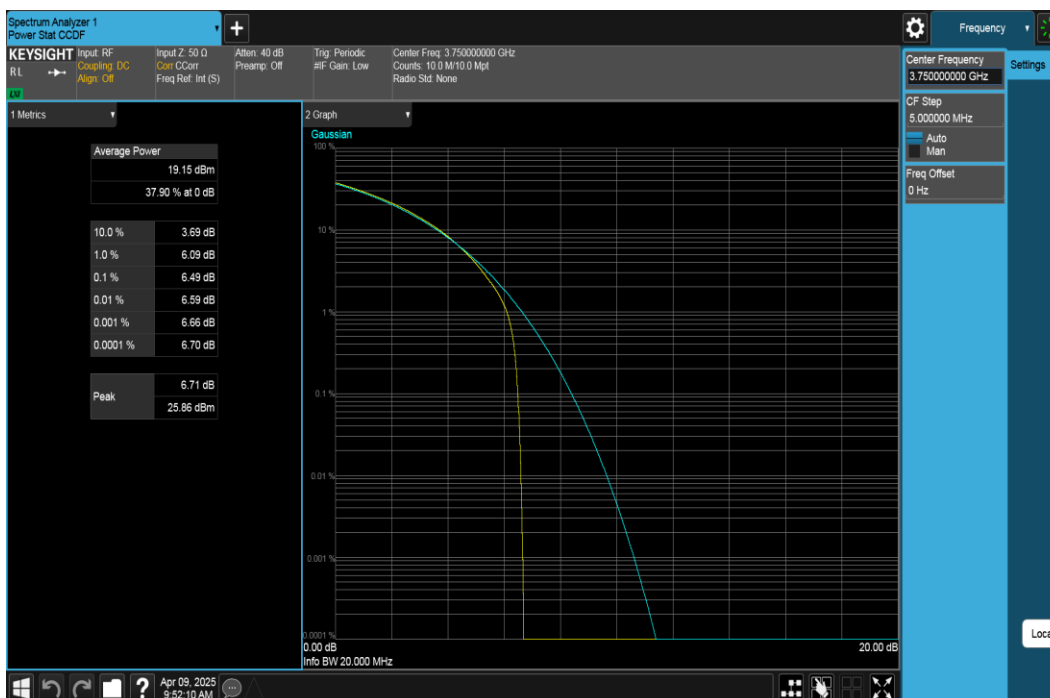
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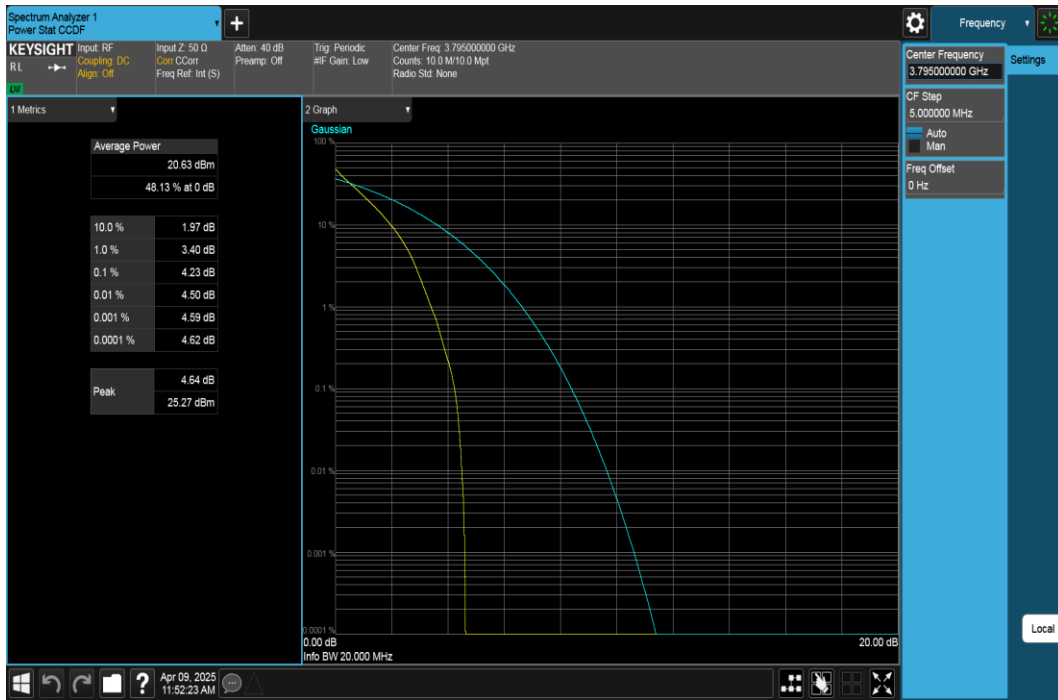
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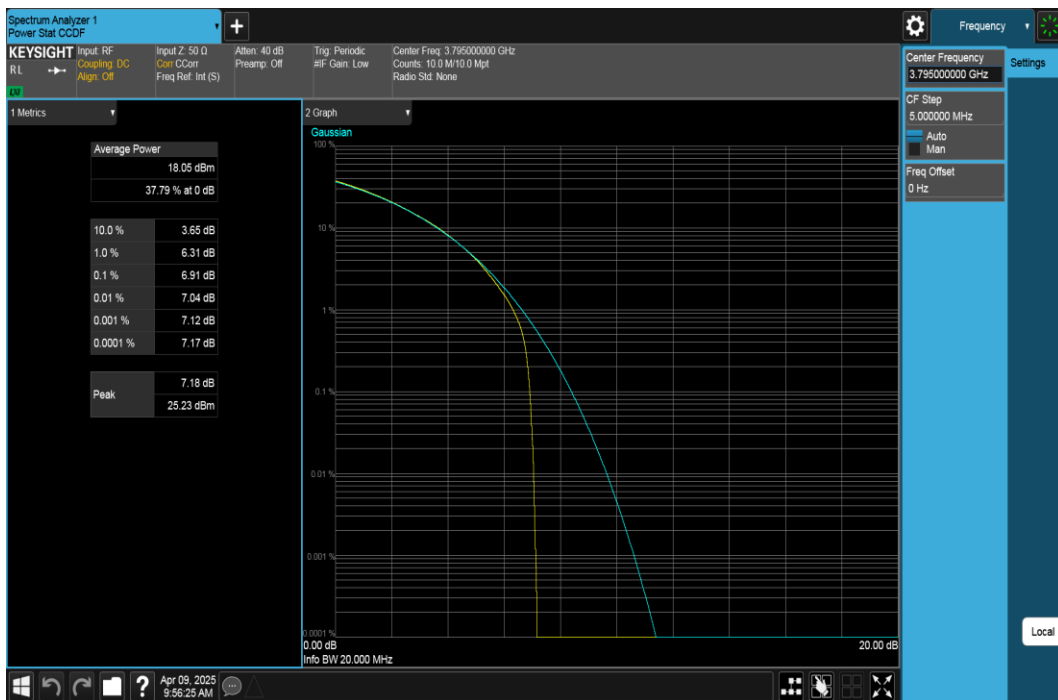
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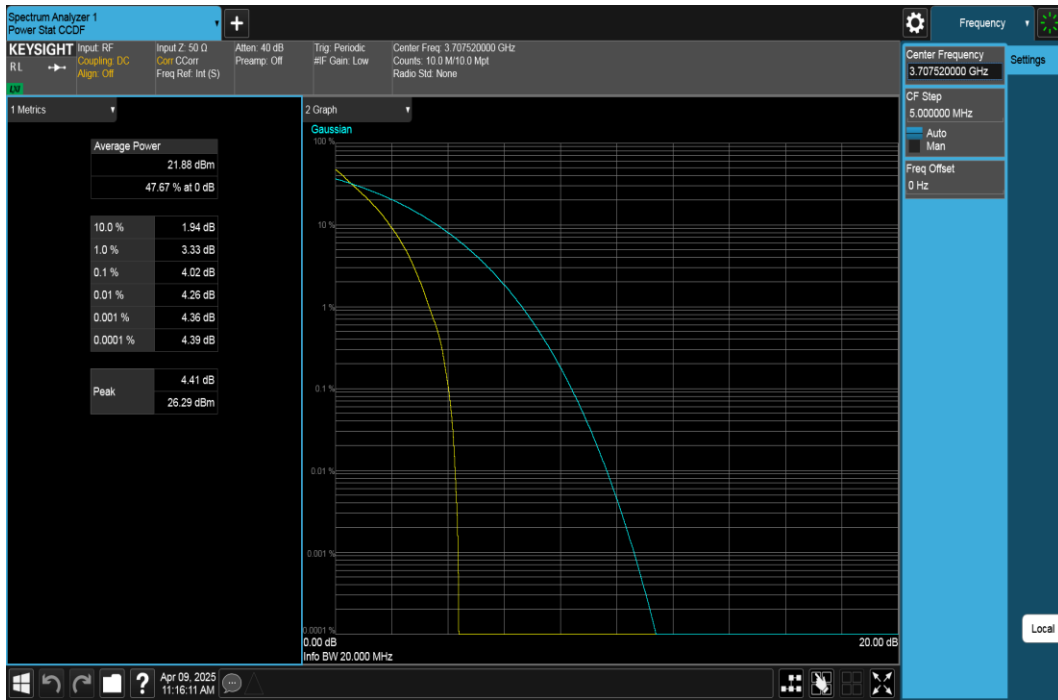
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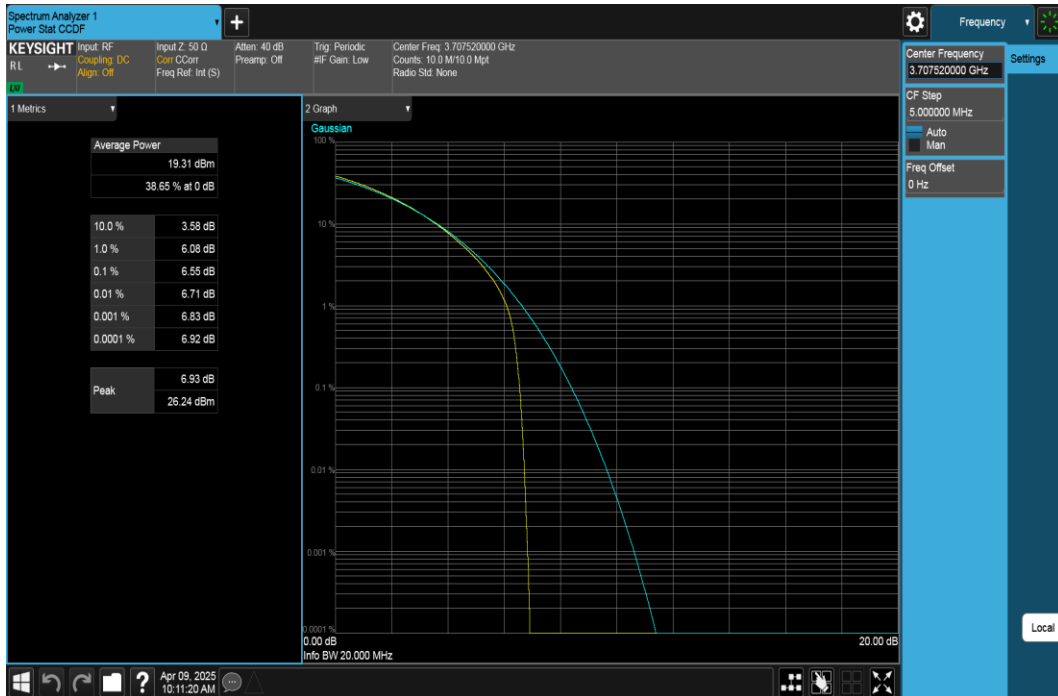
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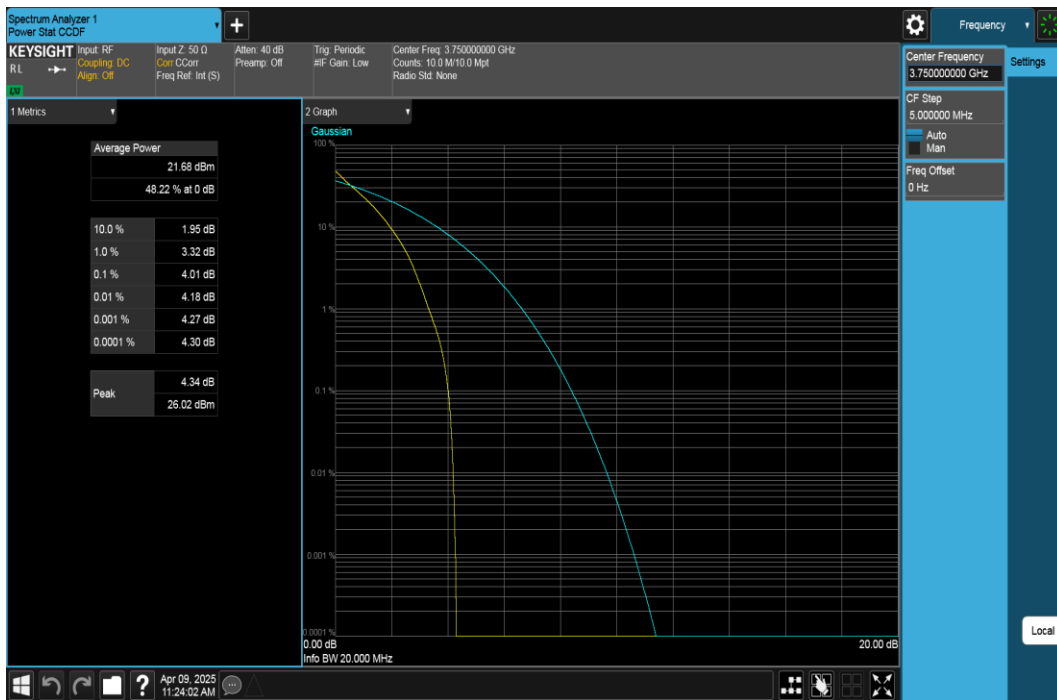
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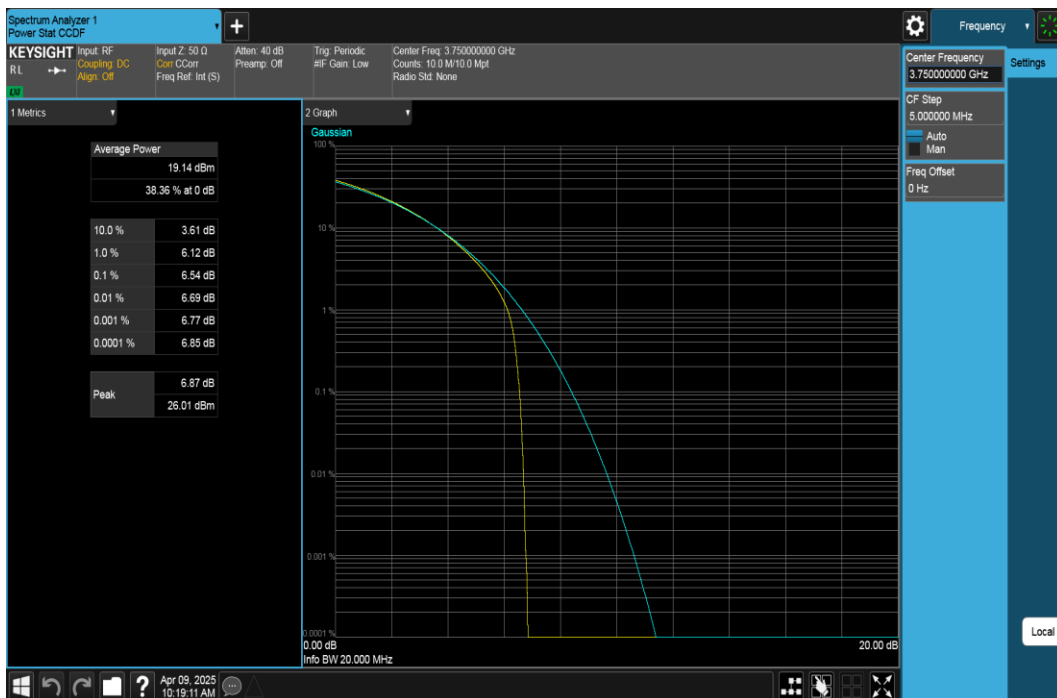
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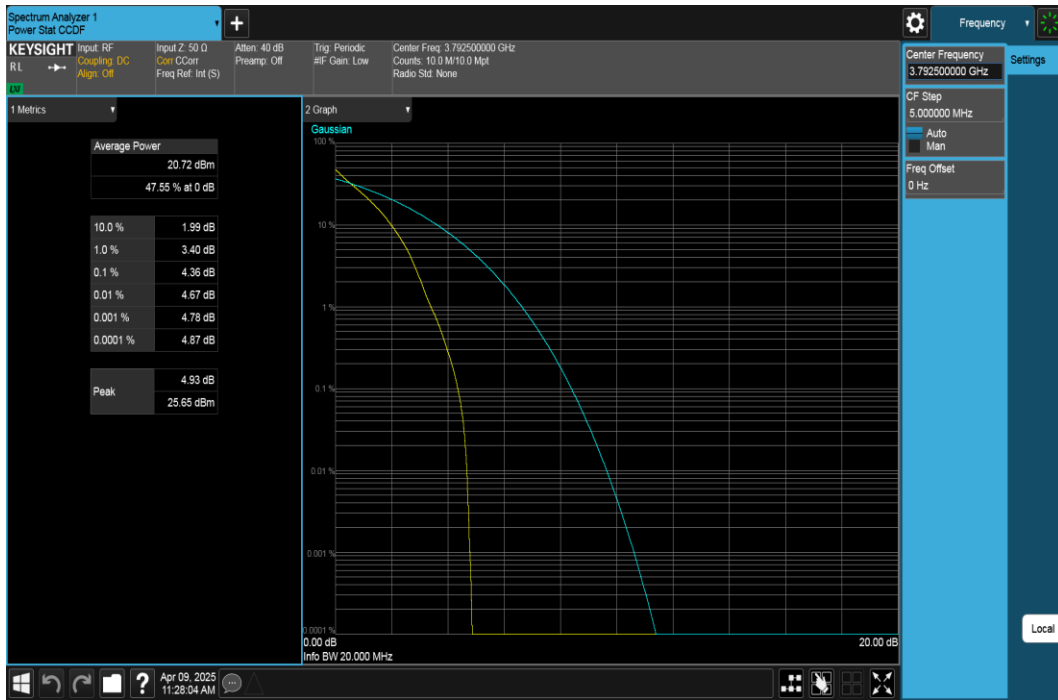
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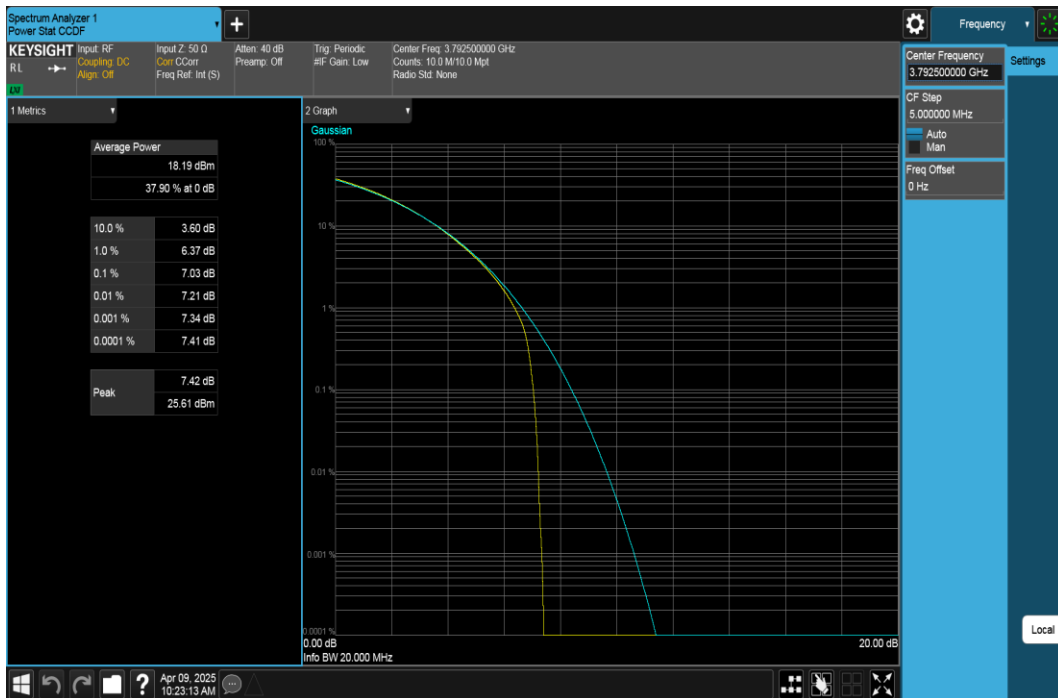
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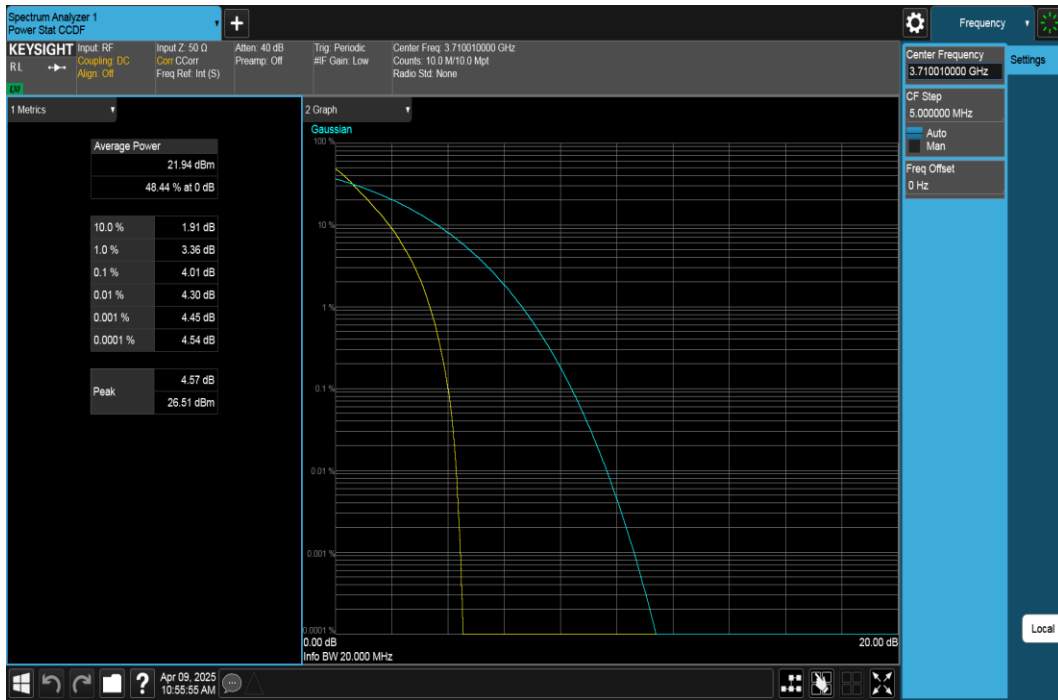
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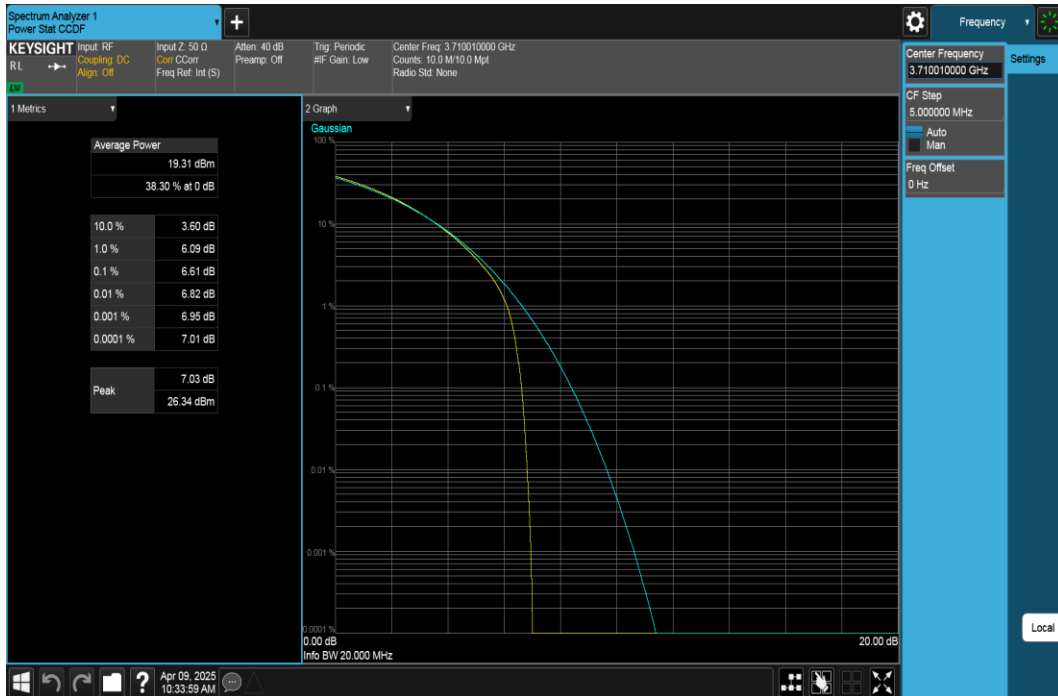
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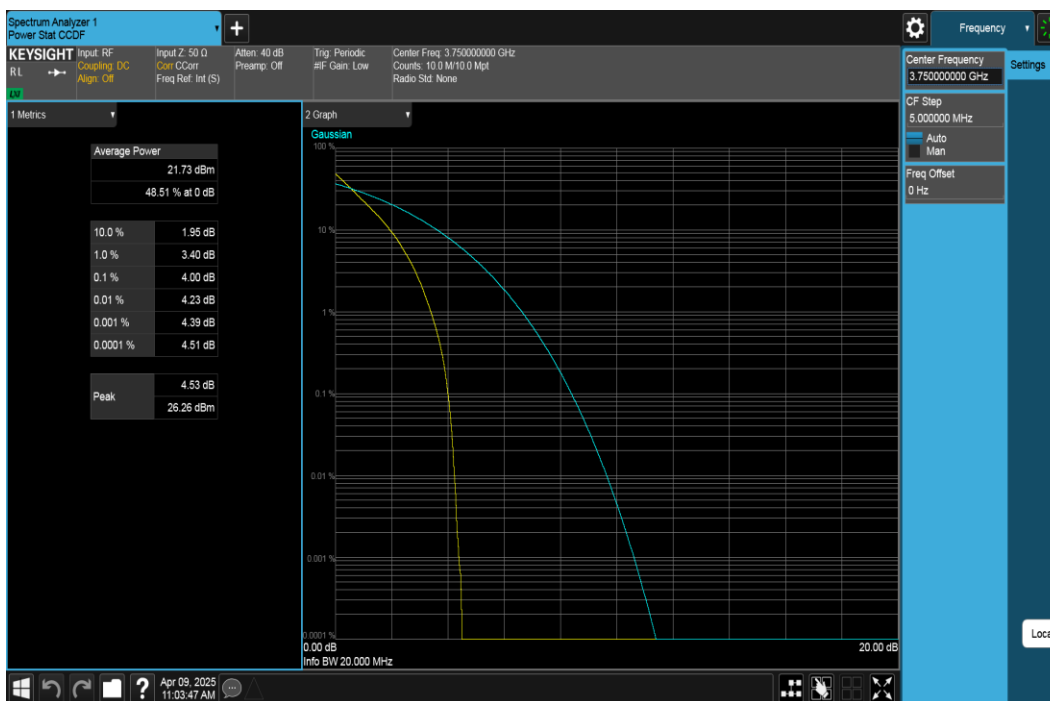
N78b(3700-3800MHz)-20M-PAPR-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



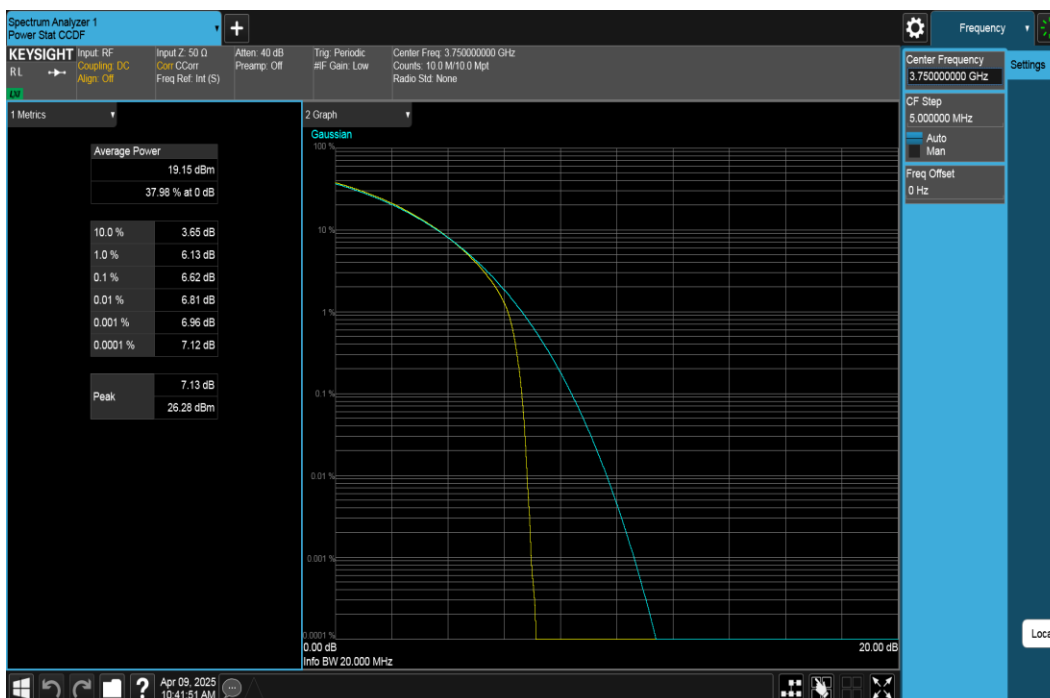
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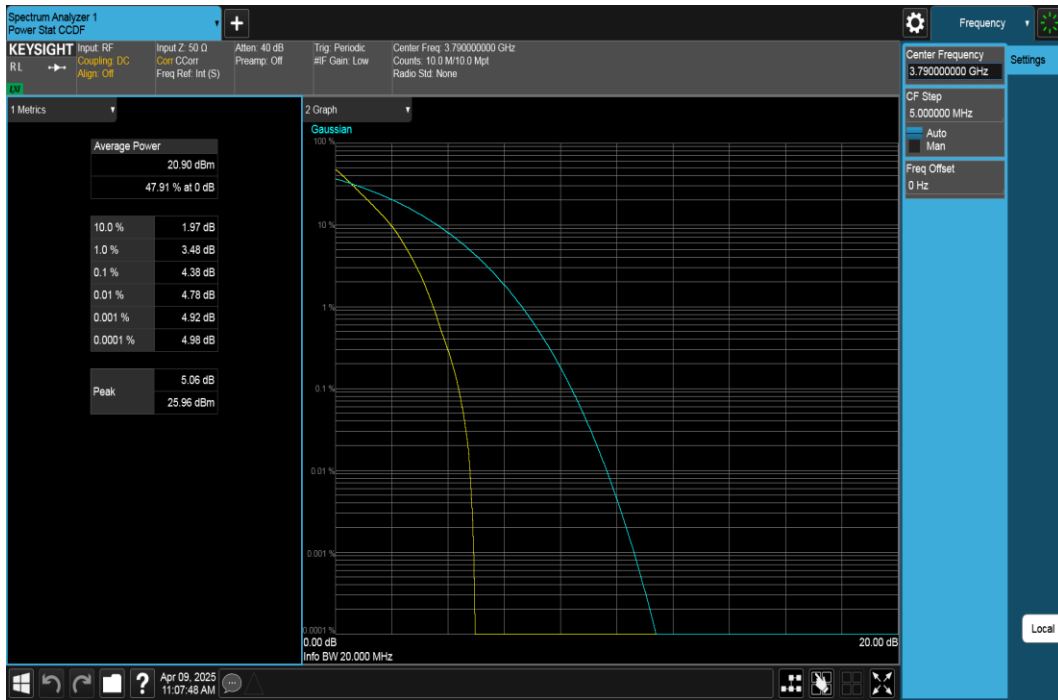
N78b(3700-3800MHz)-20M-PAPR-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



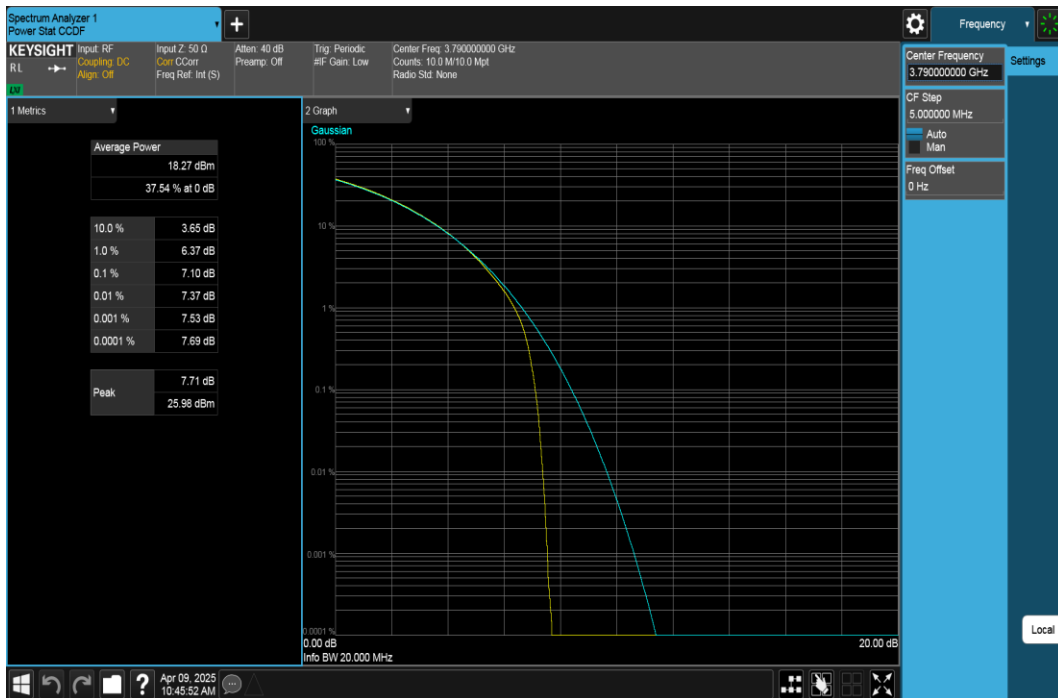
N78b(3700-3800MHz)-20M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



N78b(3700-3800MHz)-20M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



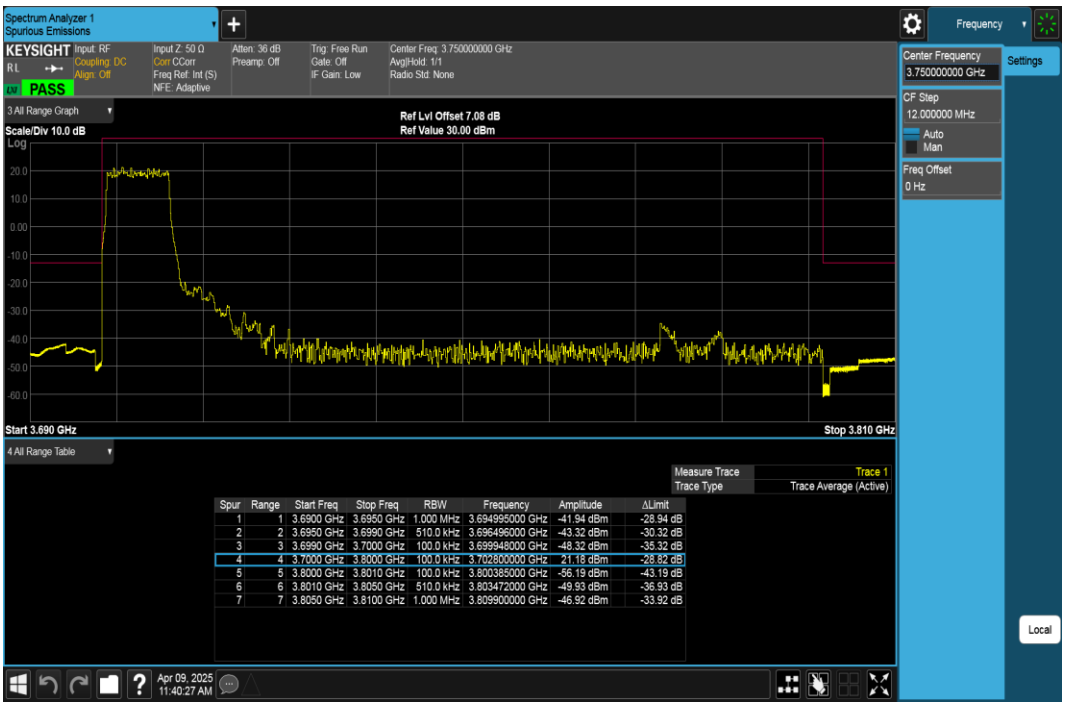
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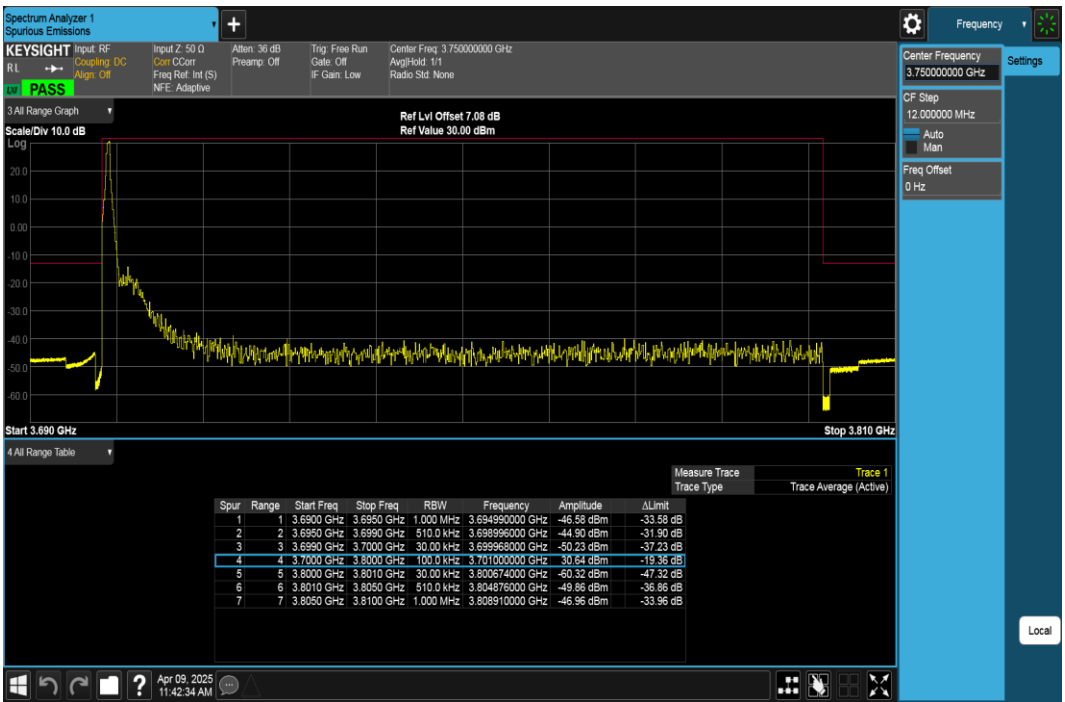
Bandedge

test graph

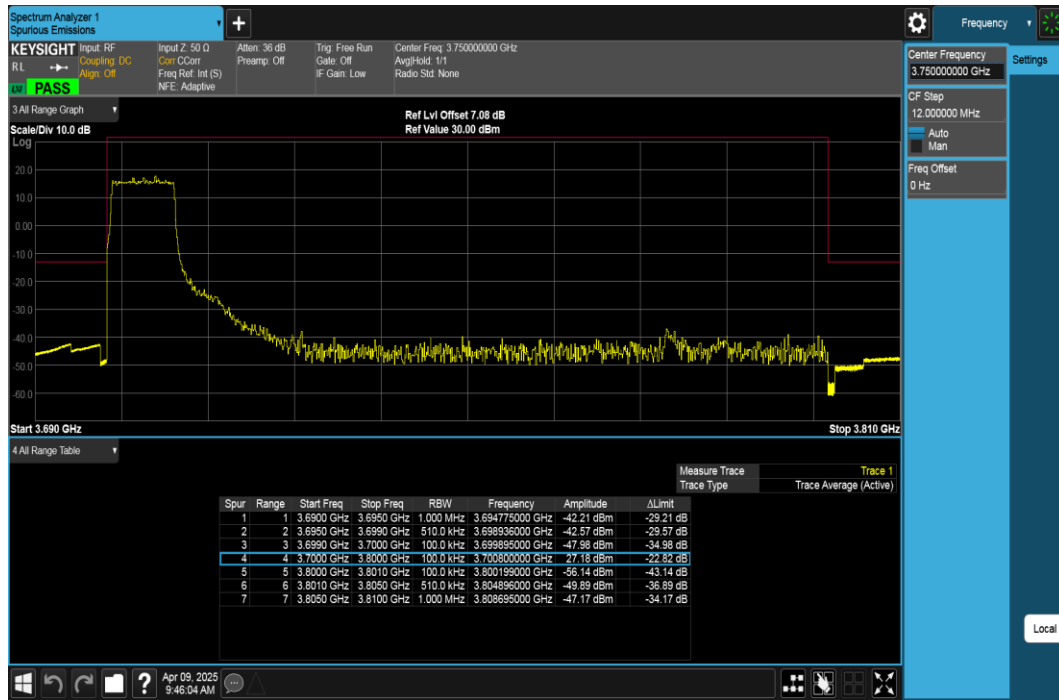
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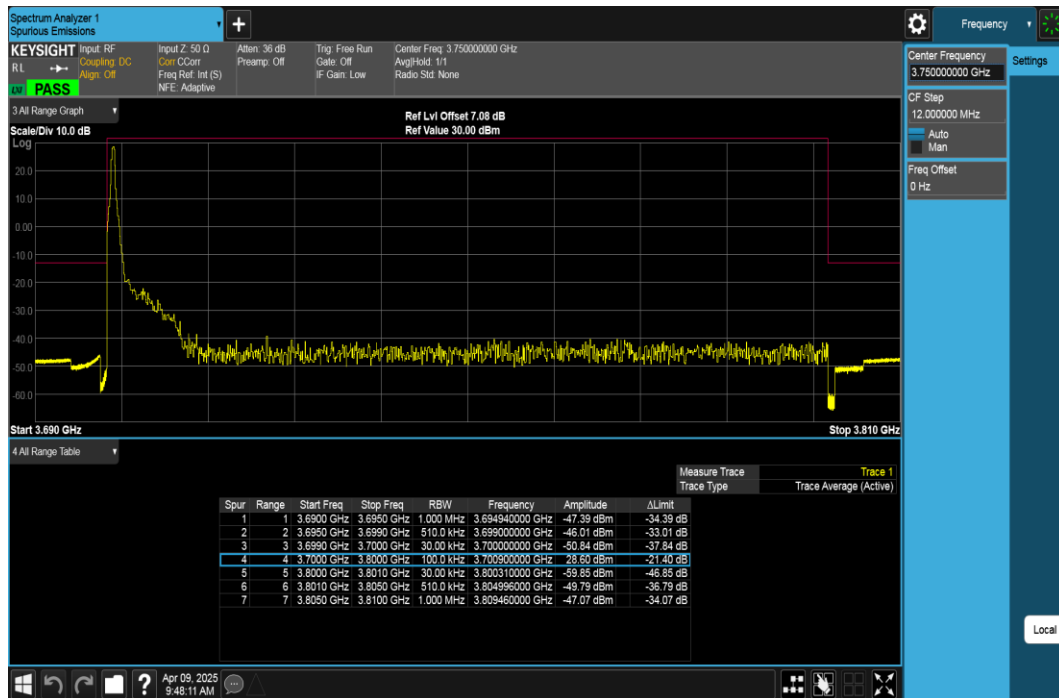
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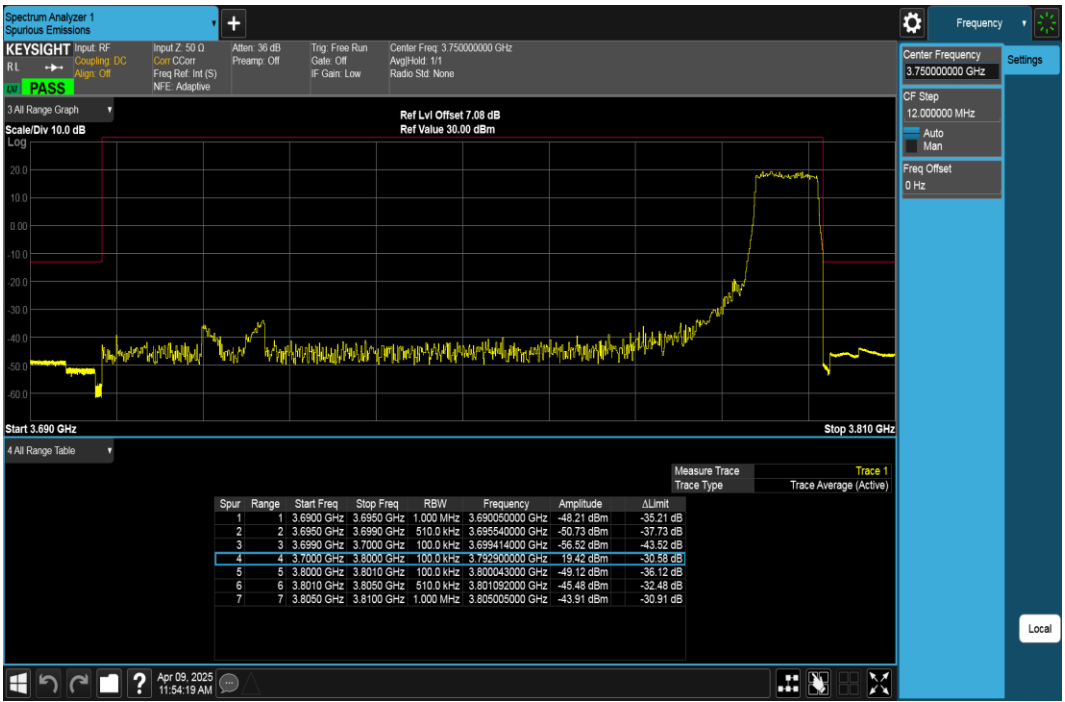
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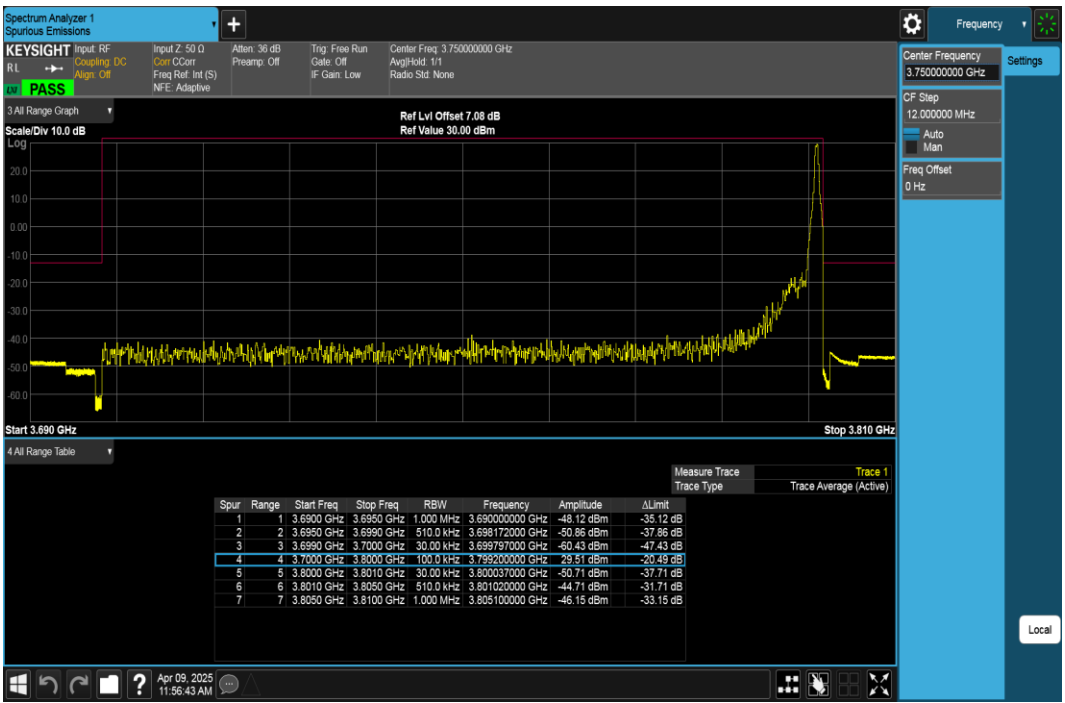
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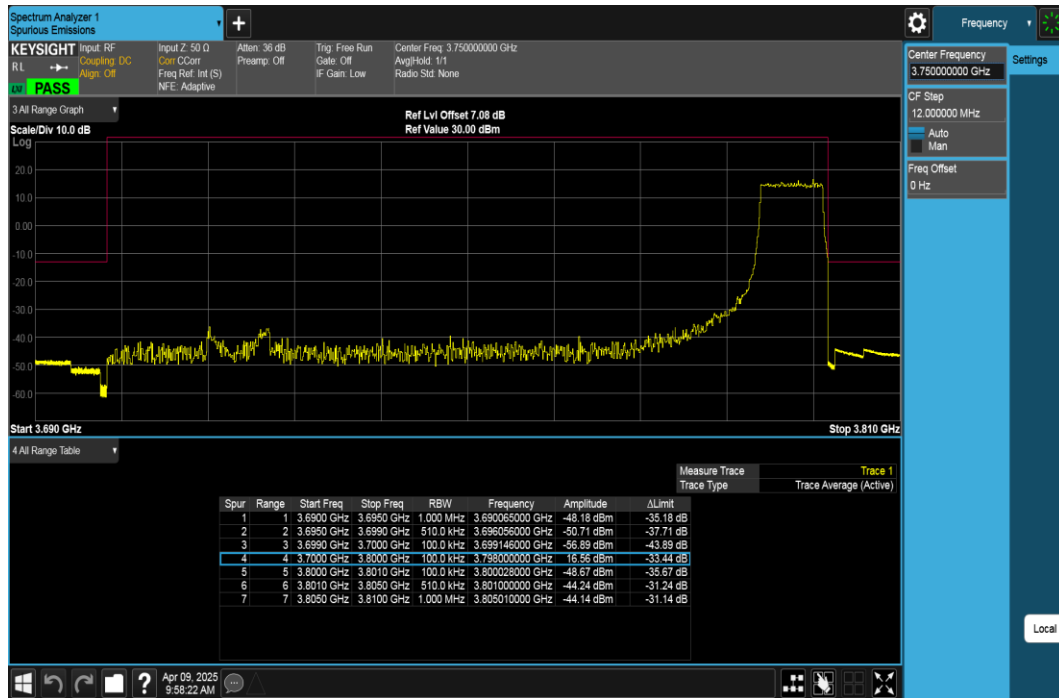
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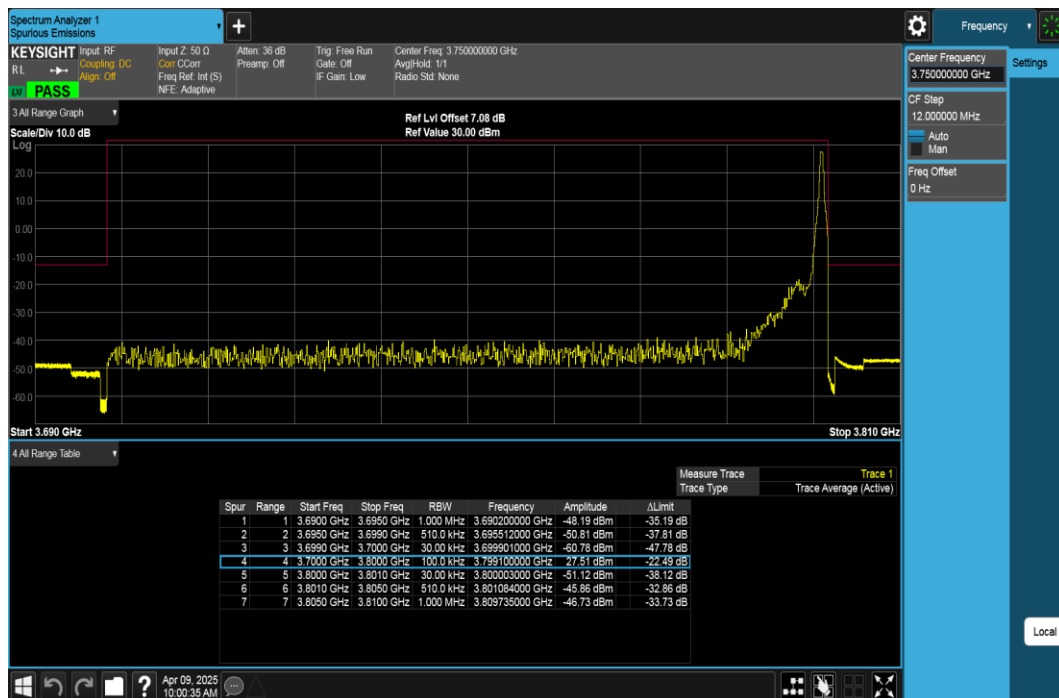
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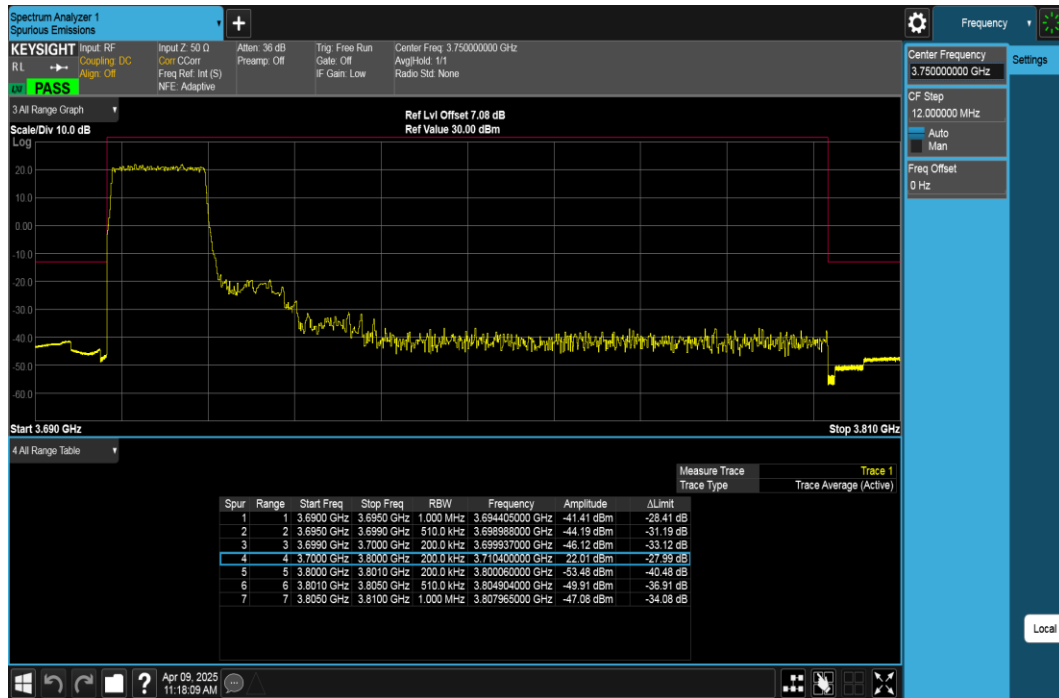
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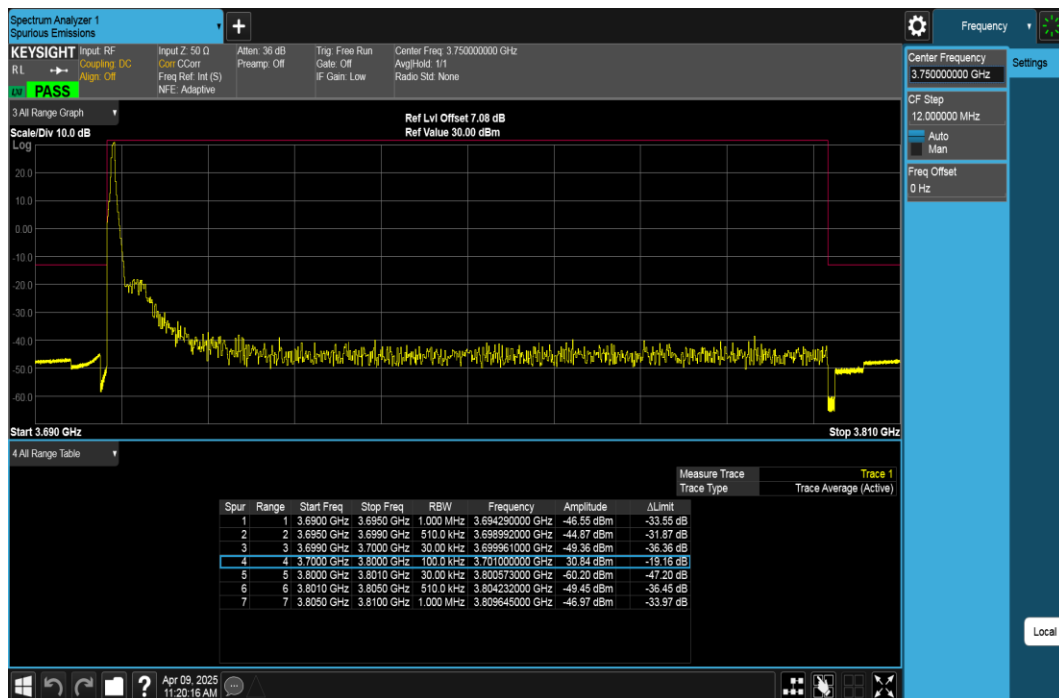
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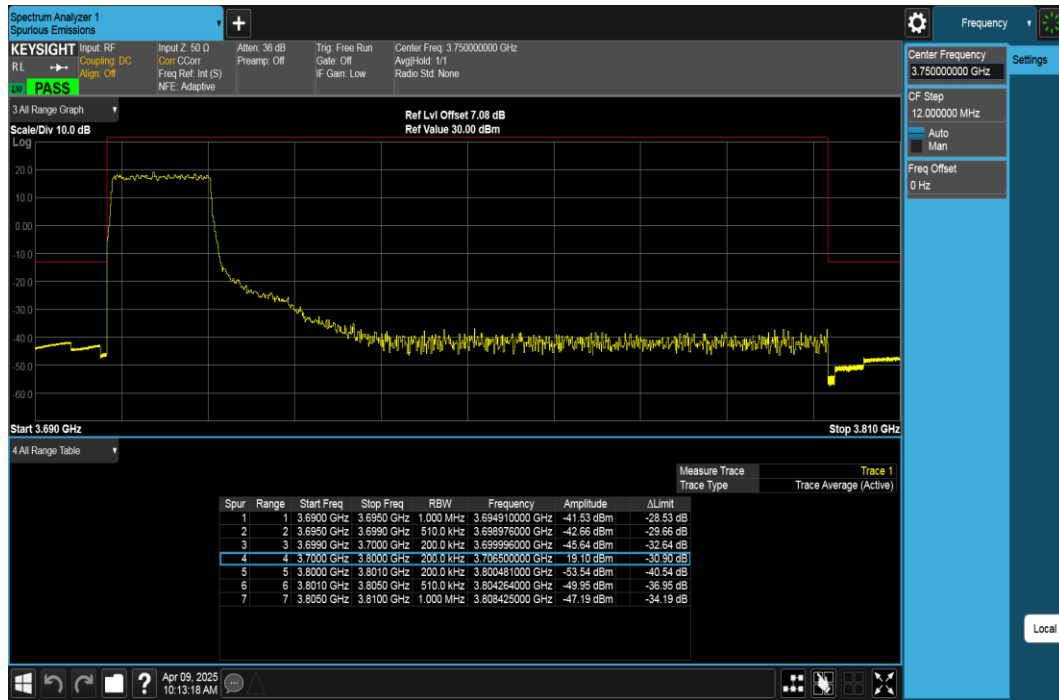
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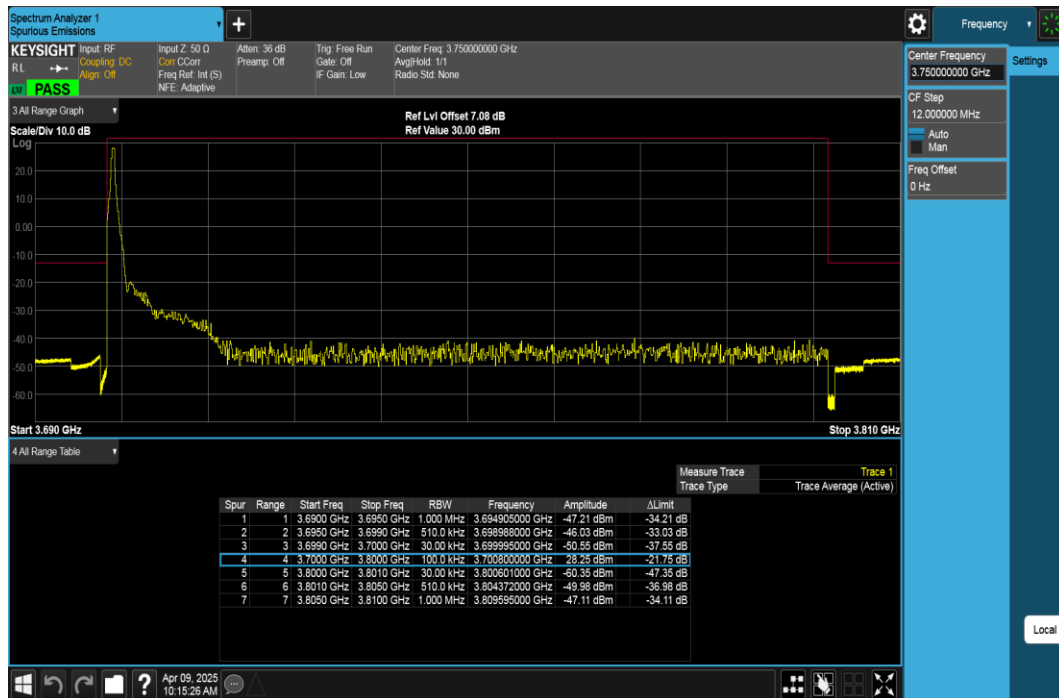
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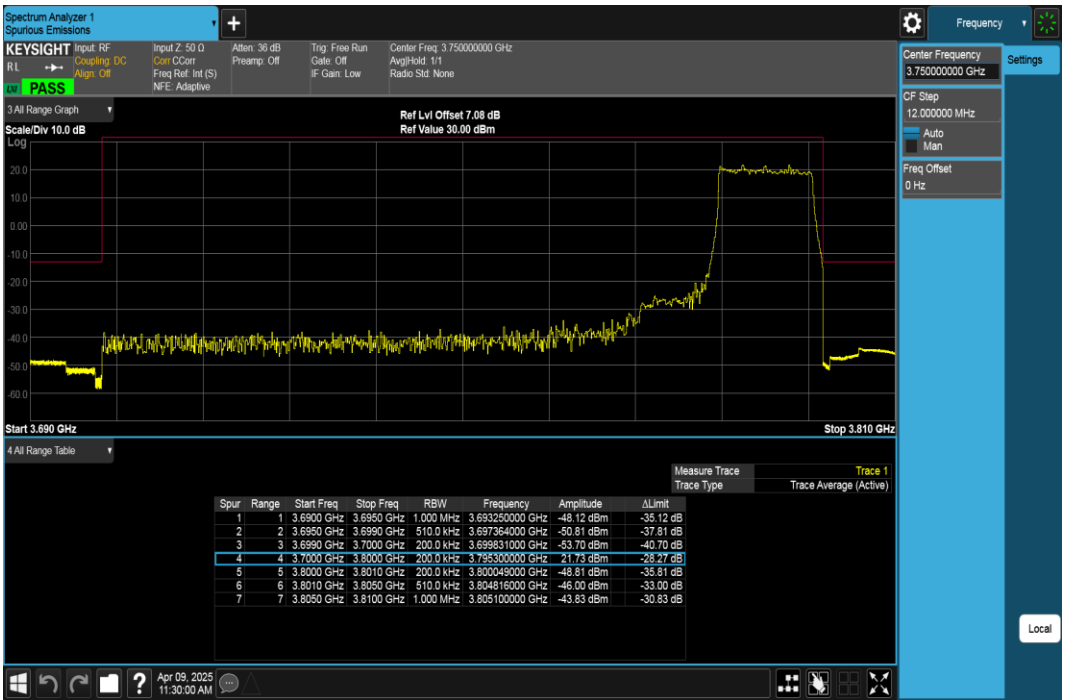
N78b(3700-3800MHz)-15M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full



N78b(3700-3800MHz)-15M-Bandedge-LCH-CP-OFDM-QPSK-1RB0



N78b(3700-3800MHz)-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N78b(3700-3800MHz)-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

