

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	8.6009	9.78	/	Pass
CP-OFDM QPSK		Outer_Full	8.6178	9.712	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	8.6236	9.808	/	Pass
CP-OFDM QPSK		Outer_Full	8.6121	9.775	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.6321	9.847	/	Pass
CP-OFDM QPSK		Outer_Full	8.6407	9.737	/	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	12.941	14.62	/	Pass
CP-OFDM QPSK		Outer_Full	13.66	15.03	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	12.885	14.23	/	Pass
CP-OFDM QPSK		Outer_Full	13.635	15.1	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	12.963	14.56	/	Pass
CP-OFDM QPSK		Outer_Full	13.642	15.01	/	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	17.892	19.12	/	Pass
CP-OFDM QPSK		Outer_Full	18.238	19.52	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	17.924	19.29	/	Pass
CP-OFDM QPSK		Outer_Full	18.271	20.05	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.904	18.99	/	Pass
CP-OFDM QPSK		Outer_Full	18.219	19.98	/	Pass

Peak-Average Ratio

Test Result

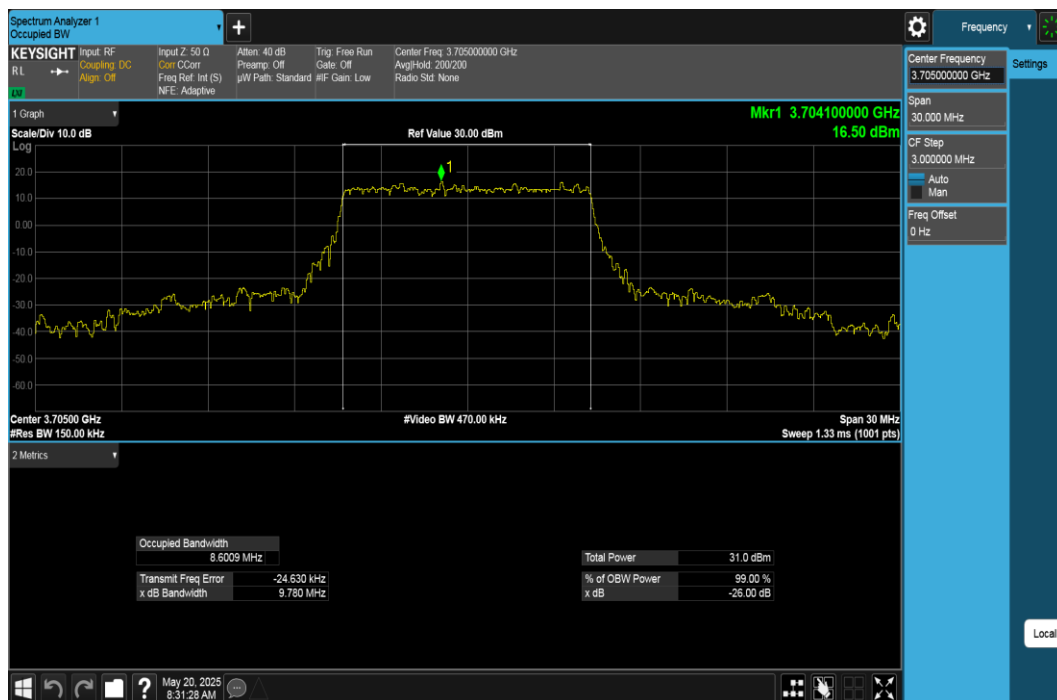
5G NR N78b(3700-3800MHz) SCS=30kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.56	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.29	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.52	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.04	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.57	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.3	<=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	3.53	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.31	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.66	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.47	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.67	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.33	<=13	Pass

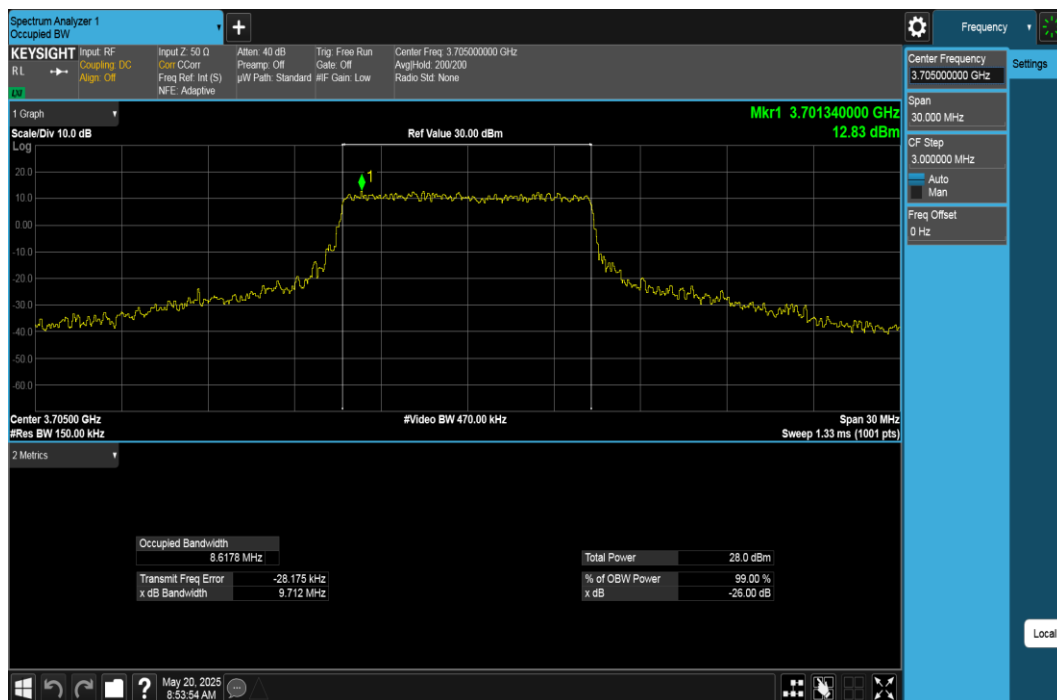
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Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.66	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.45	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.66	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.63	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	3.66	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.47	<=13	Pass

OBW test graph

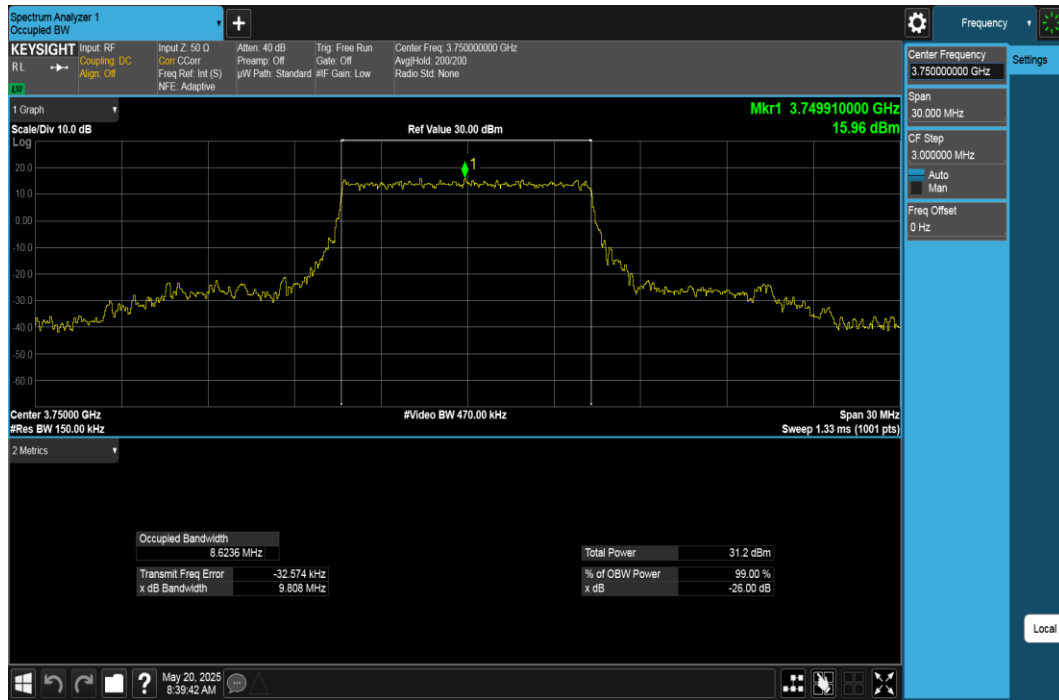
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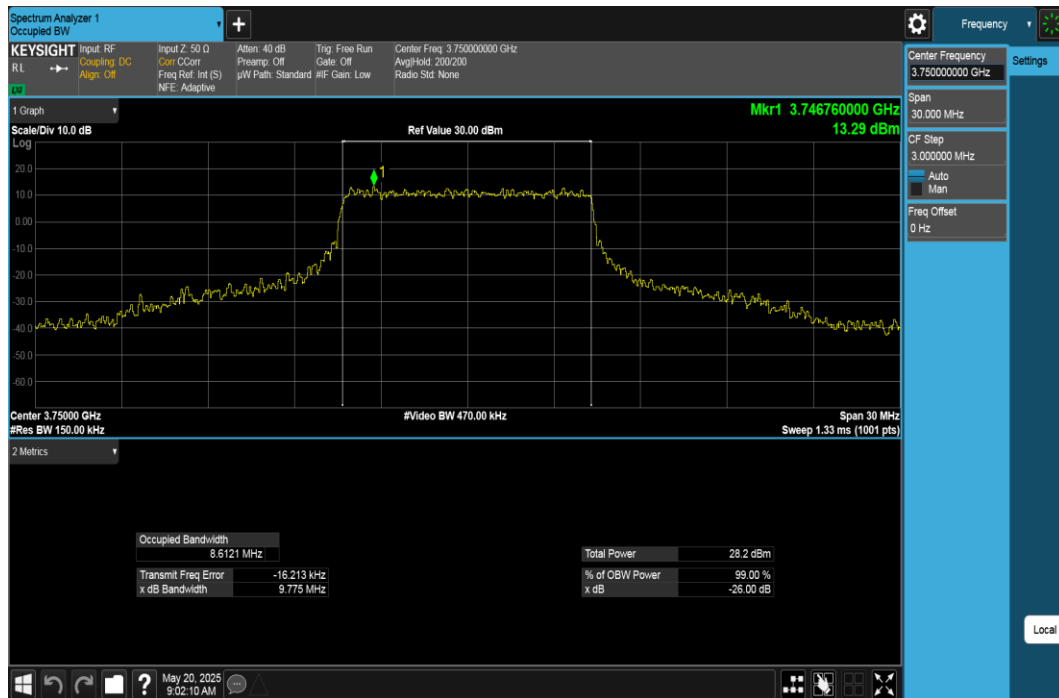
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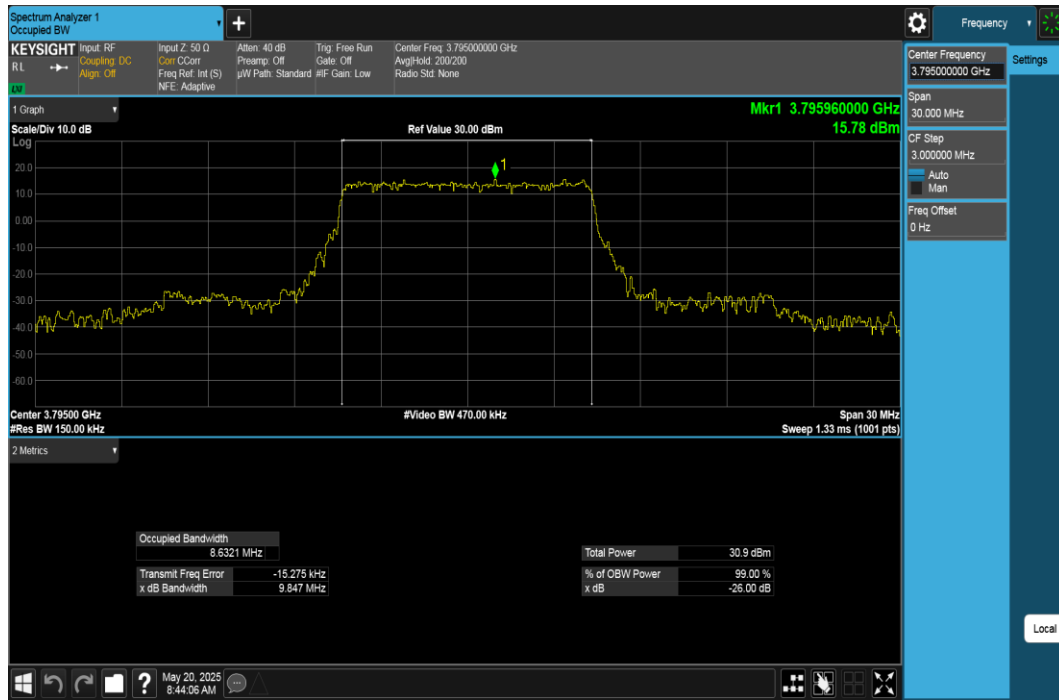
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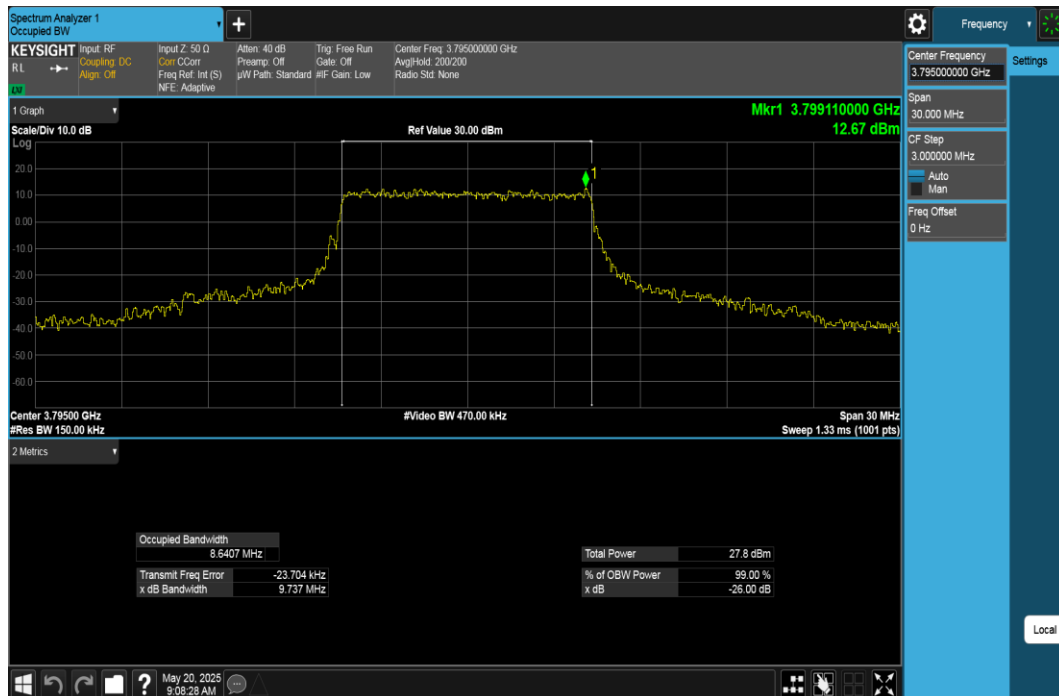
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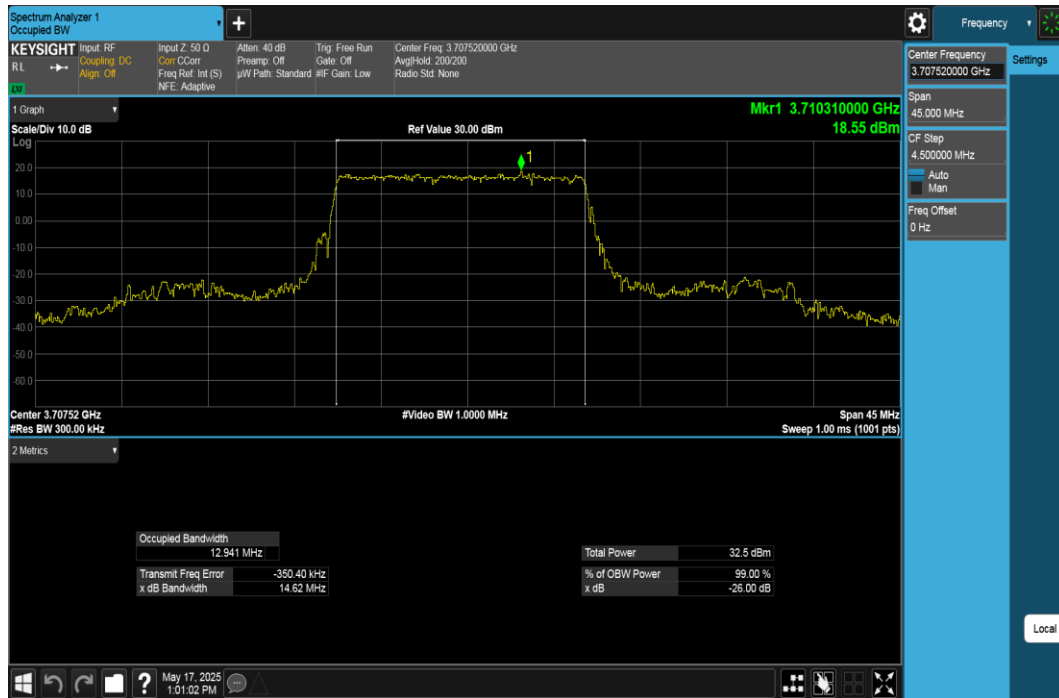
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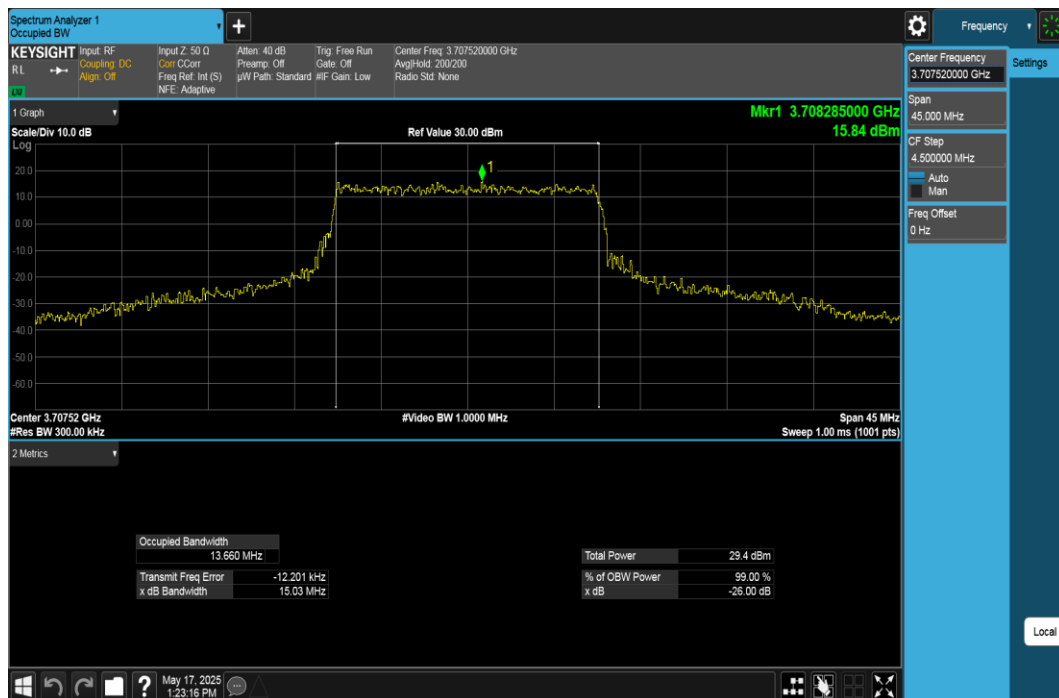
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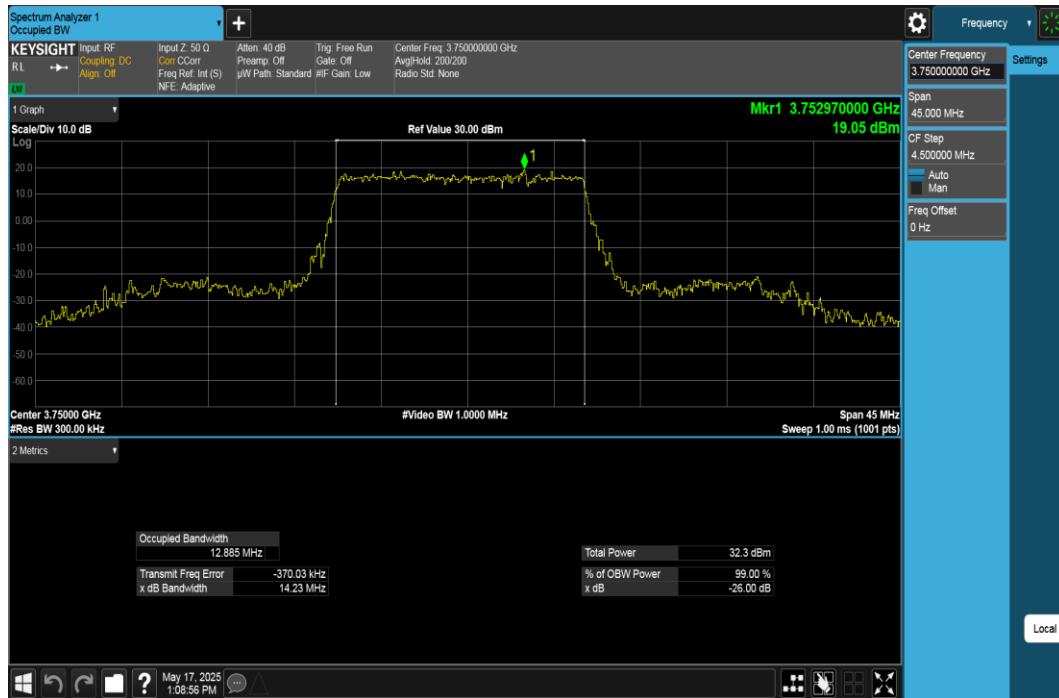
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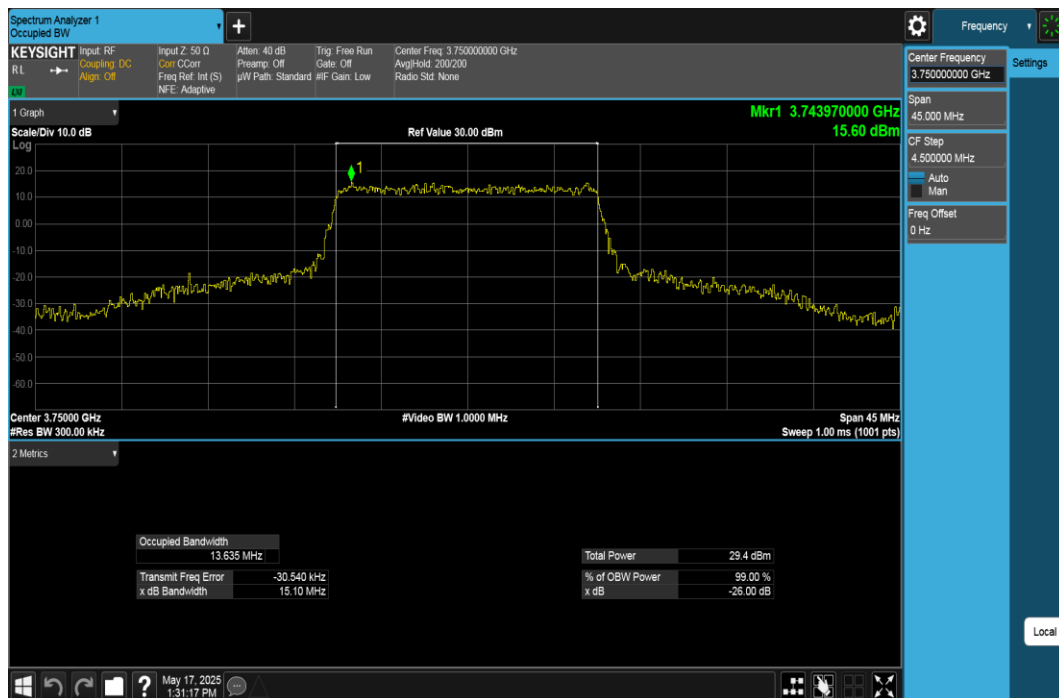
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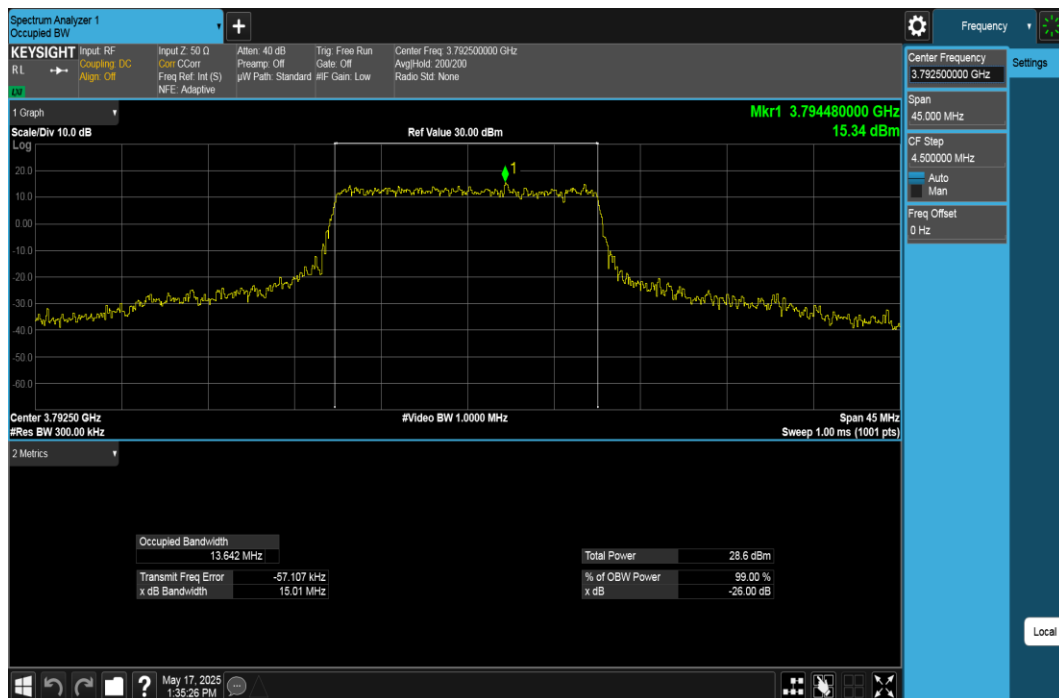
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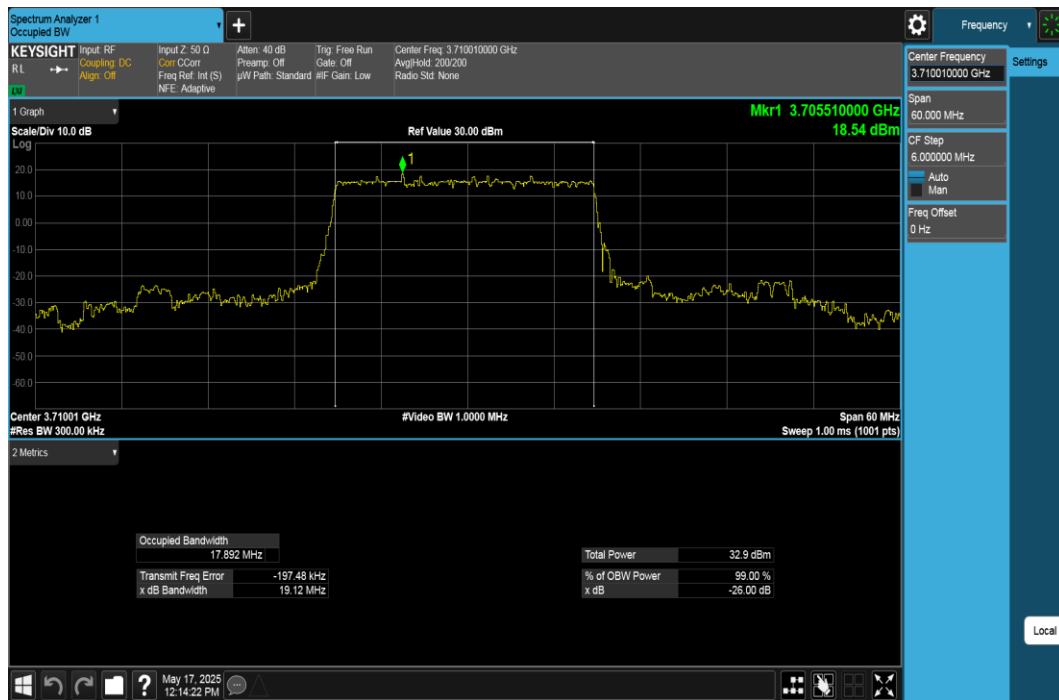
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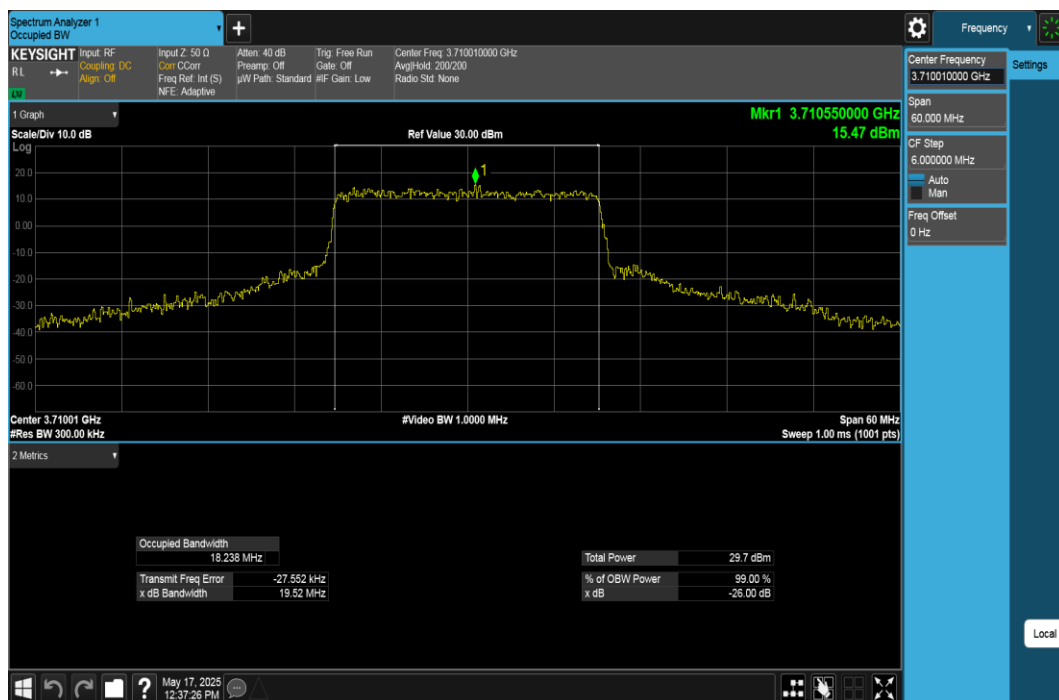
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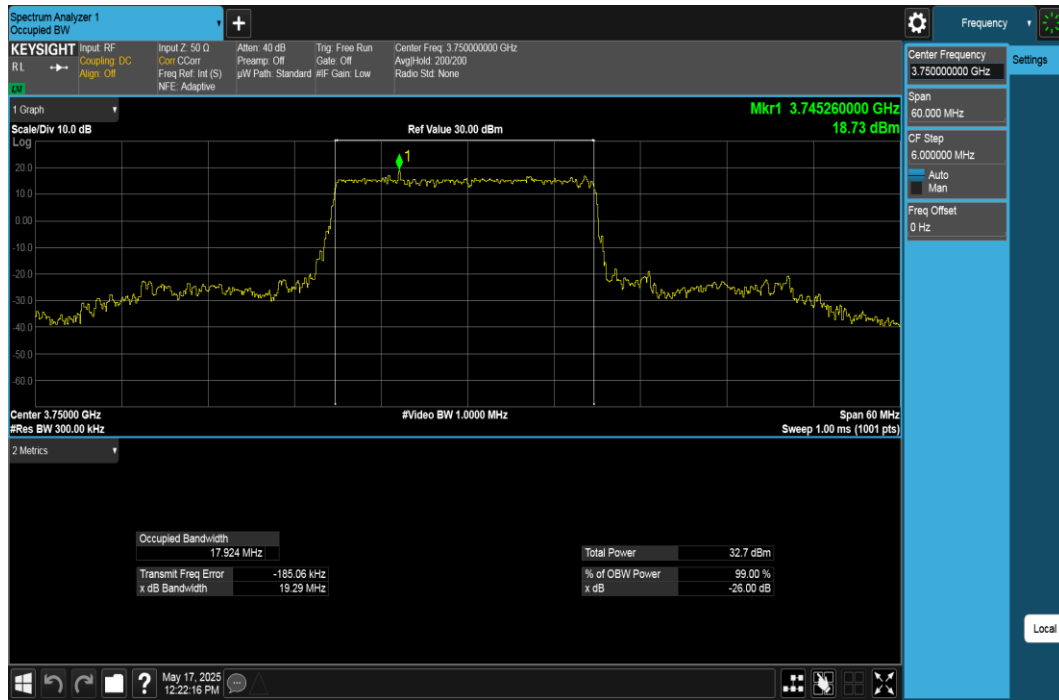
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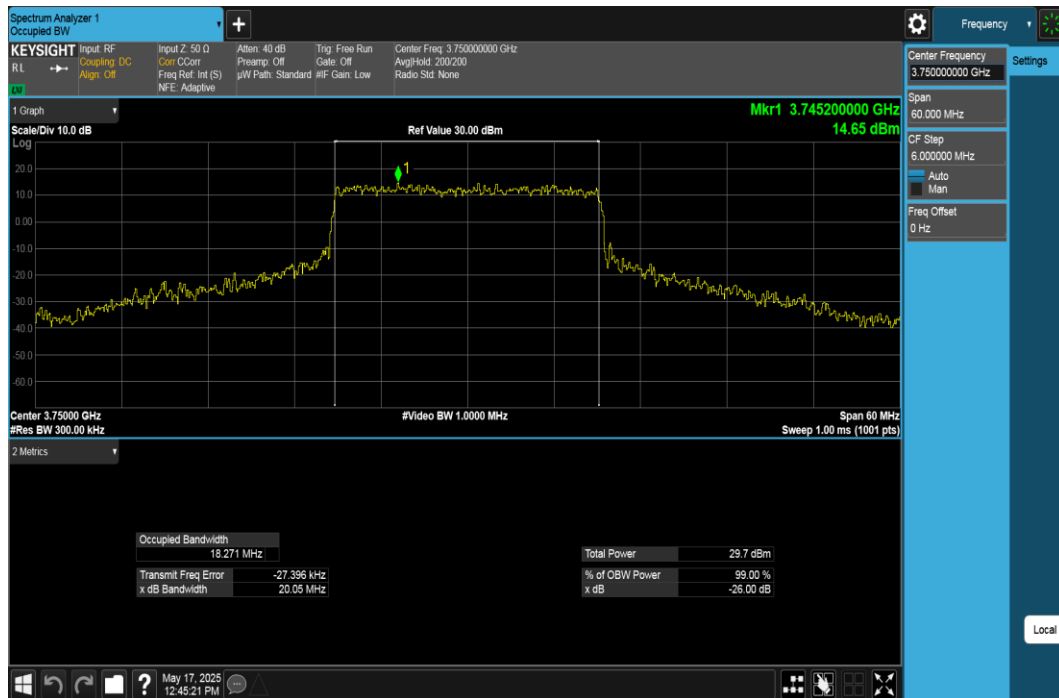
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N78b(3700-3800MHz)-20M-OBW-MCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



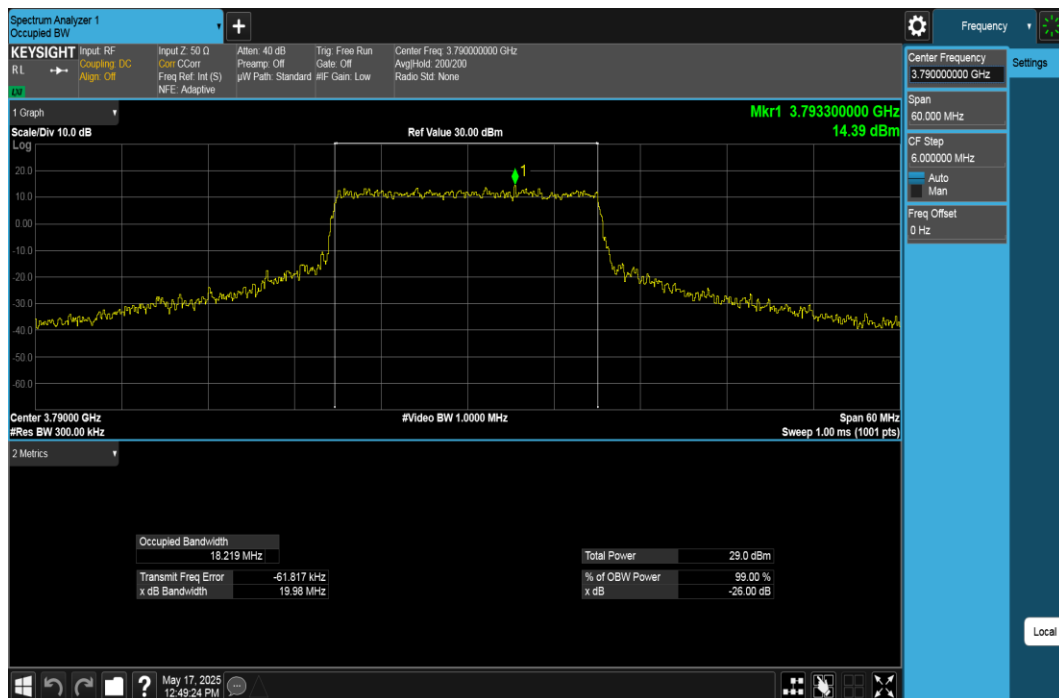
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N78b(3700-3800MHz)-20M-OBW-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full

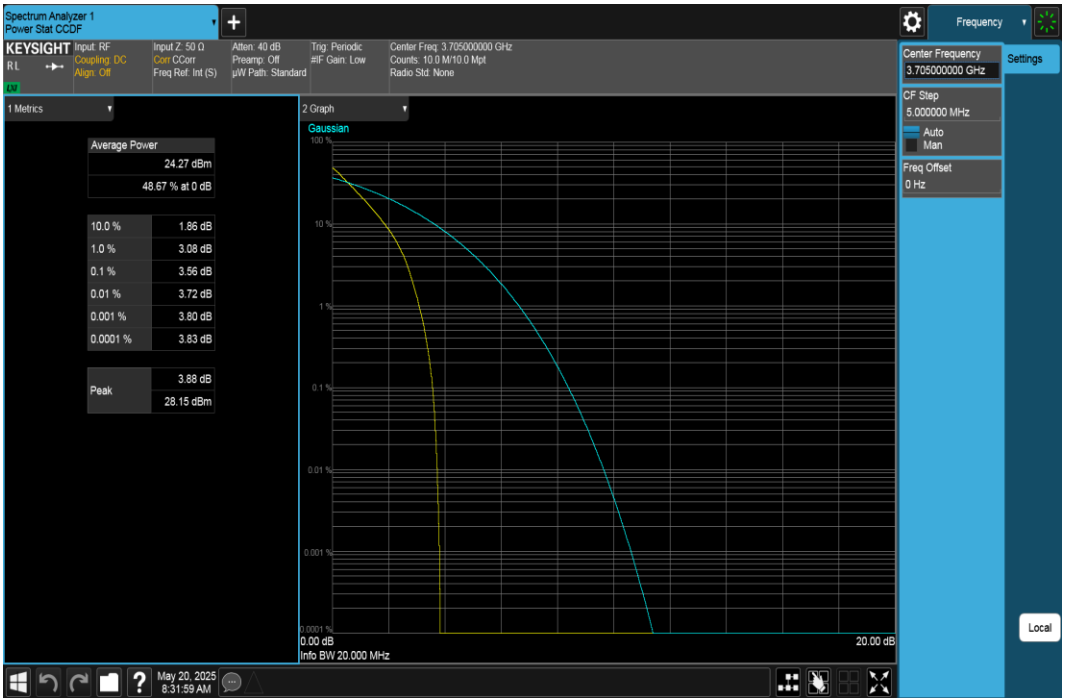


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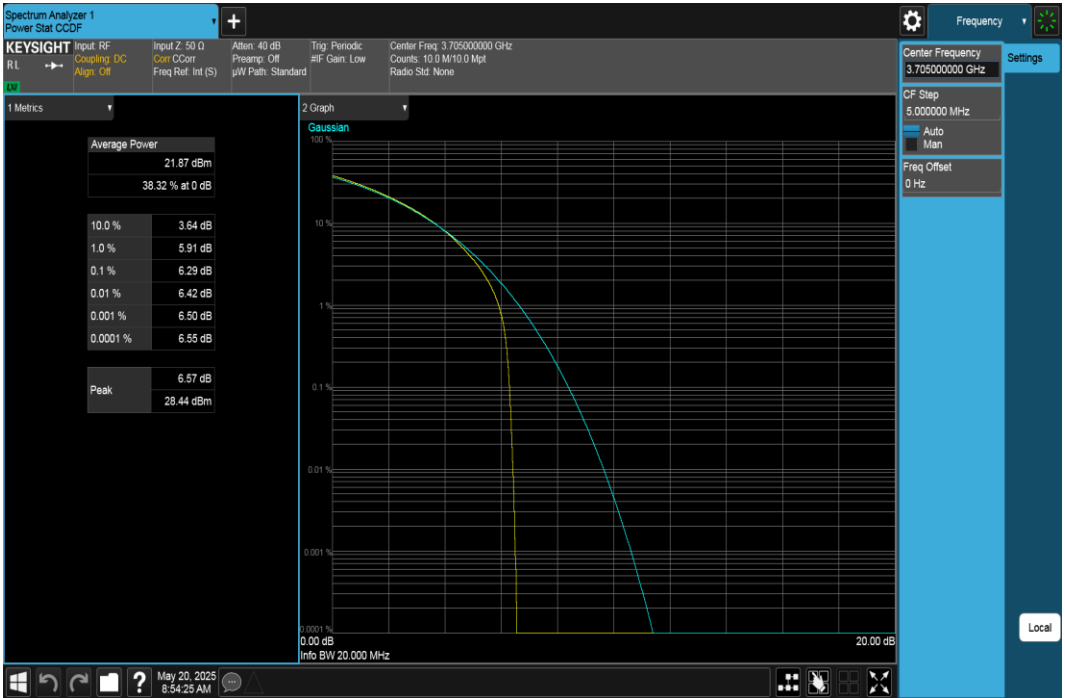


PAPR test graph

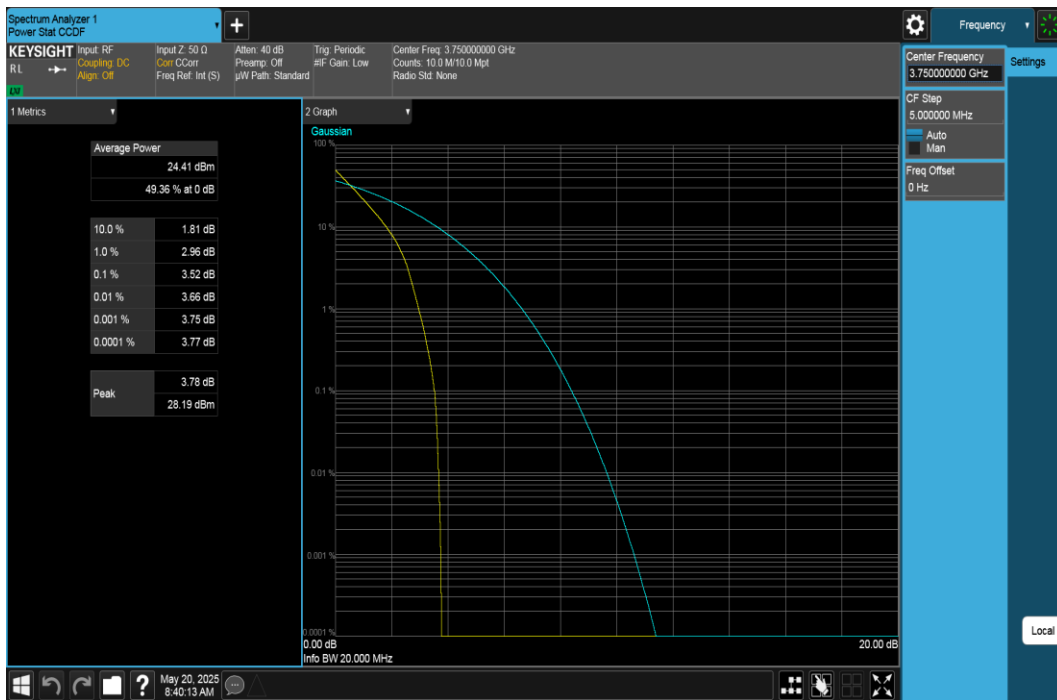
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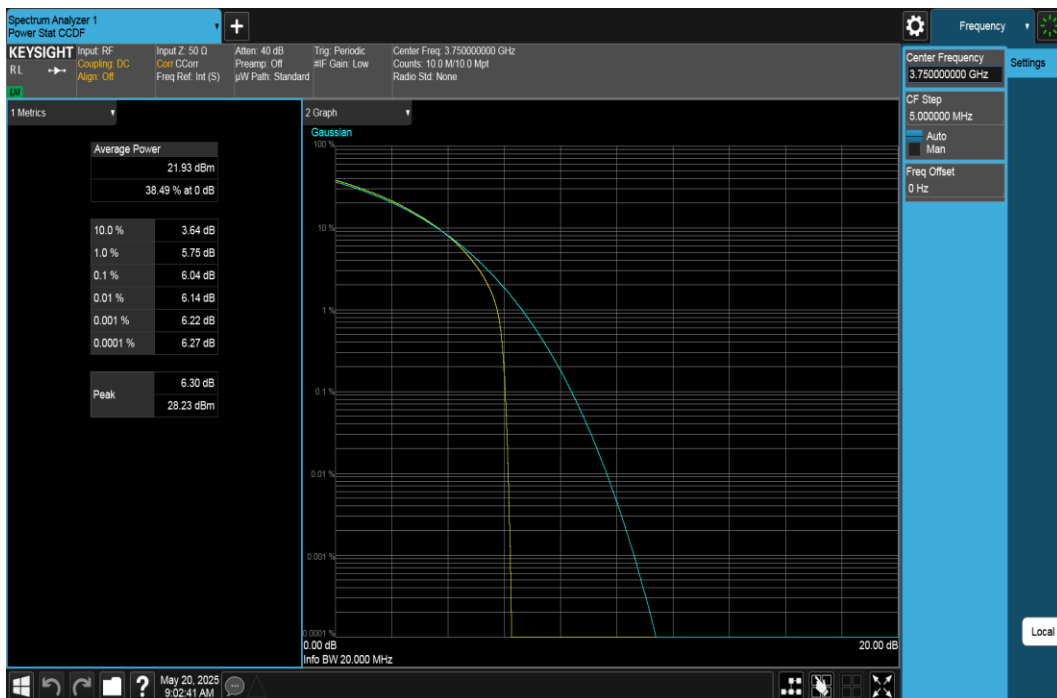
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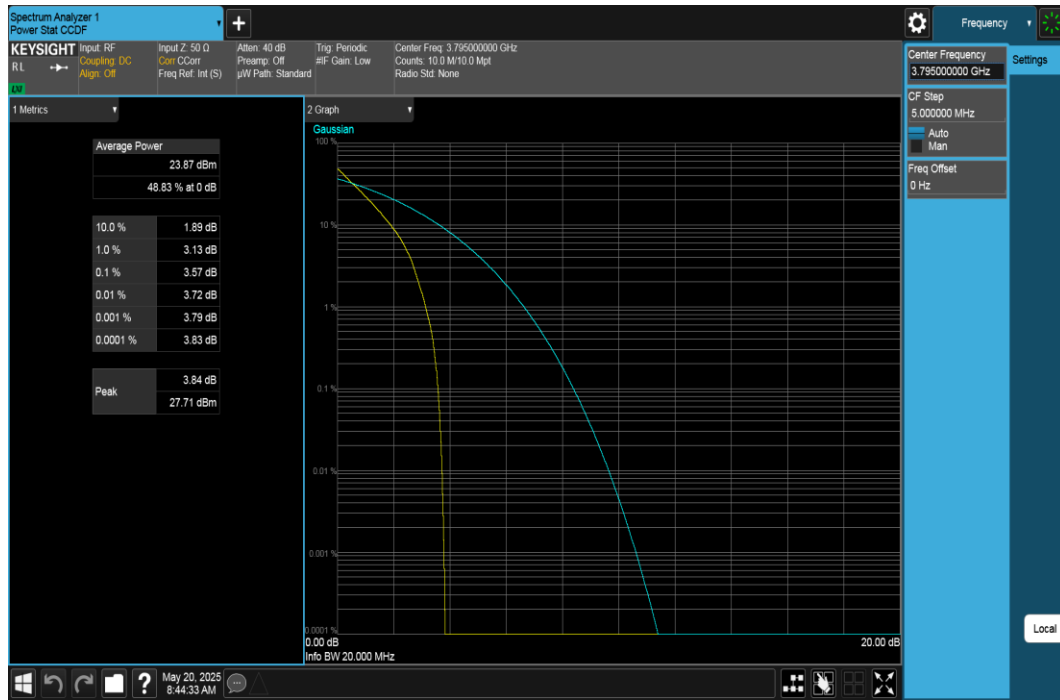
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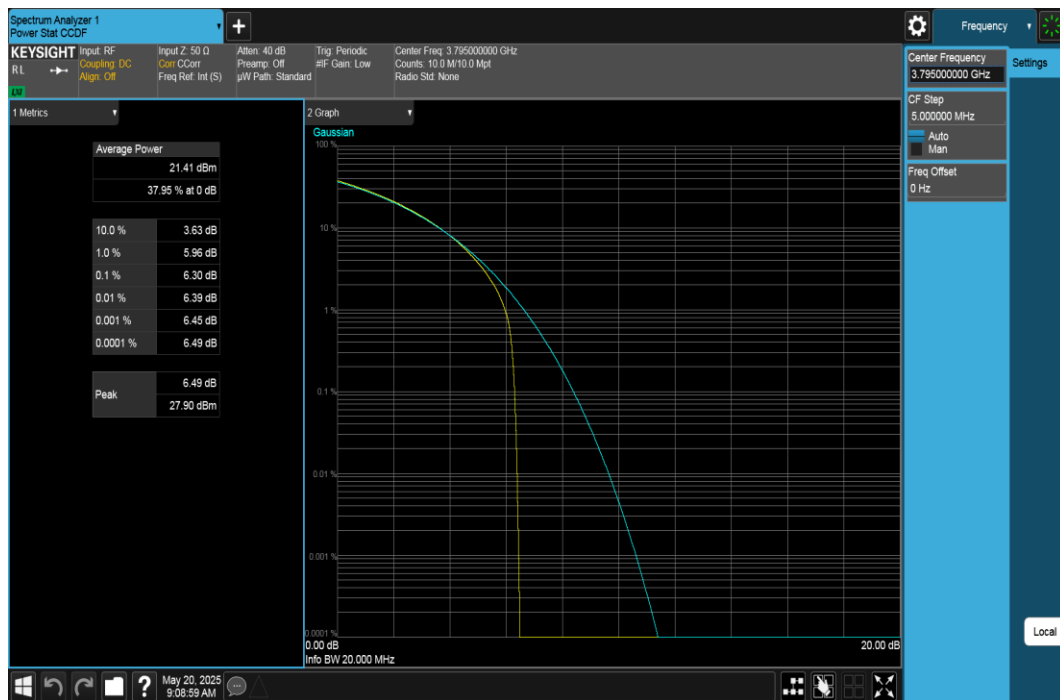
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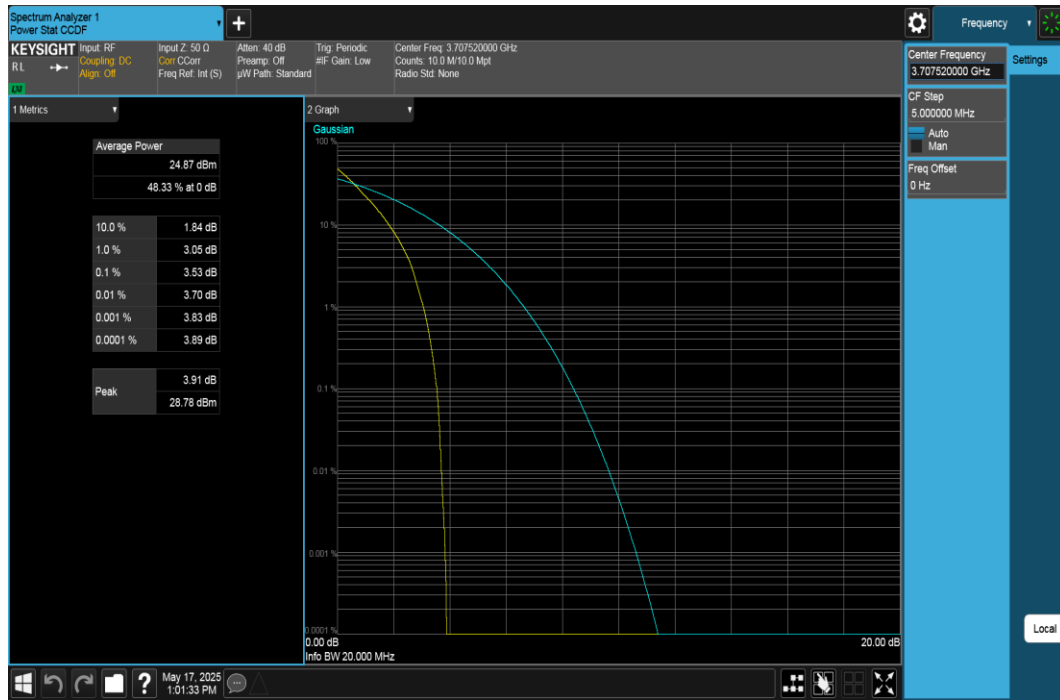
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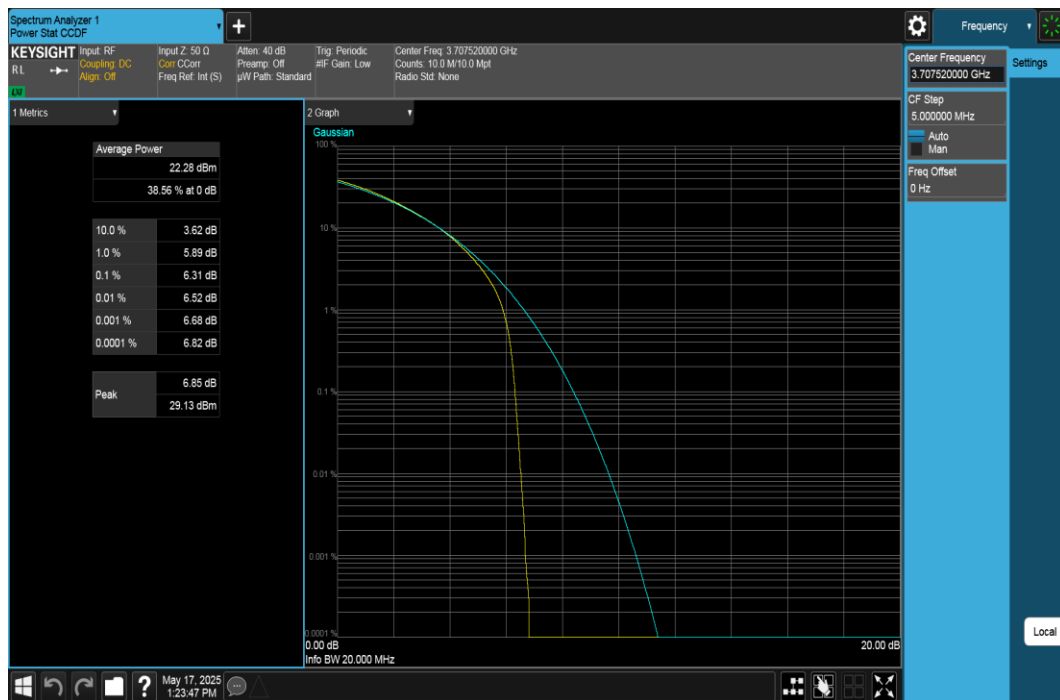
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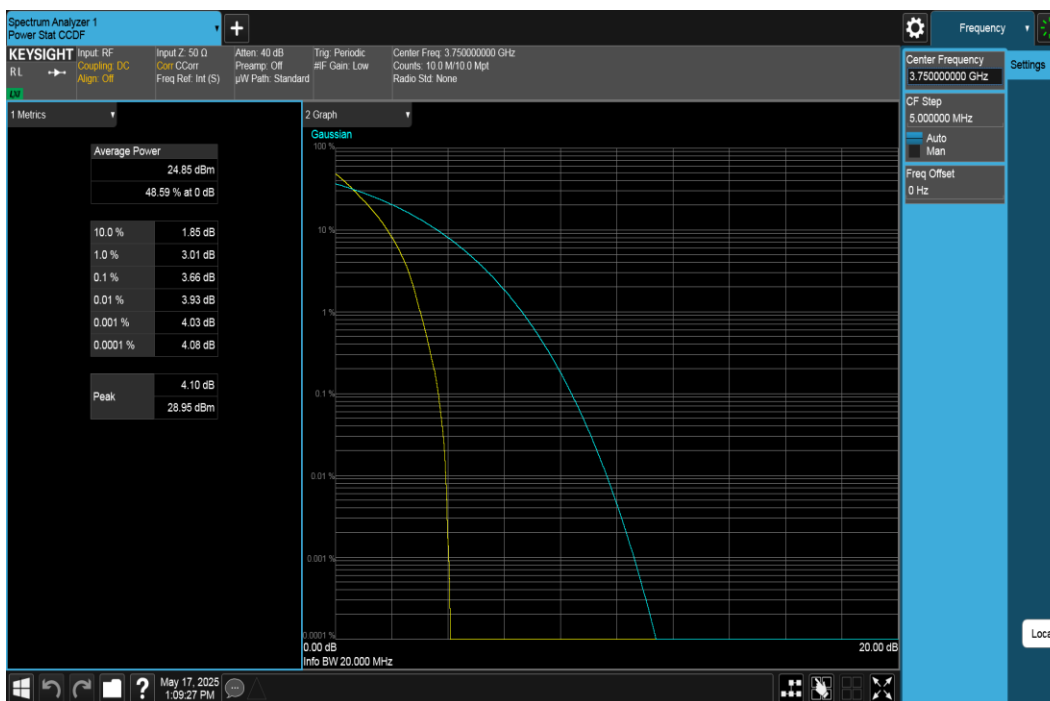
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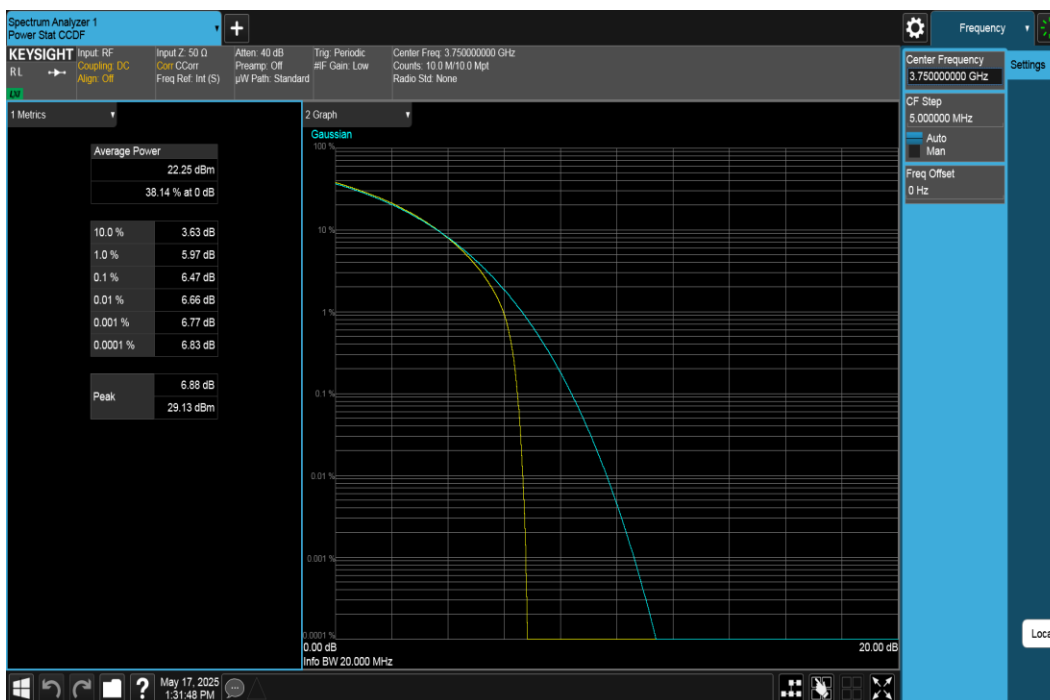
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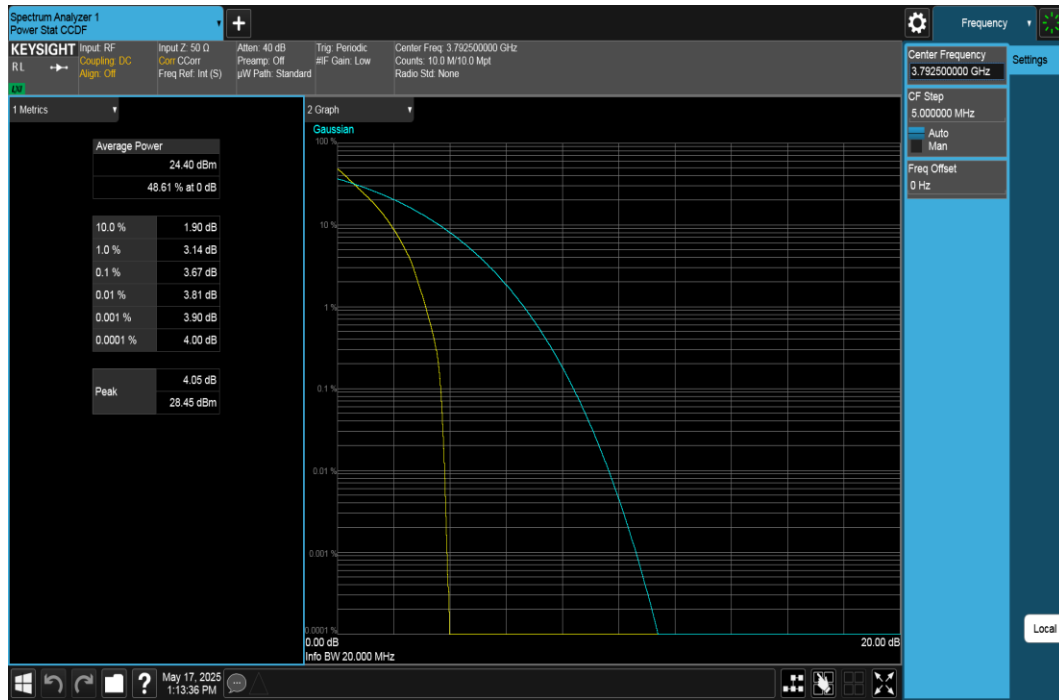
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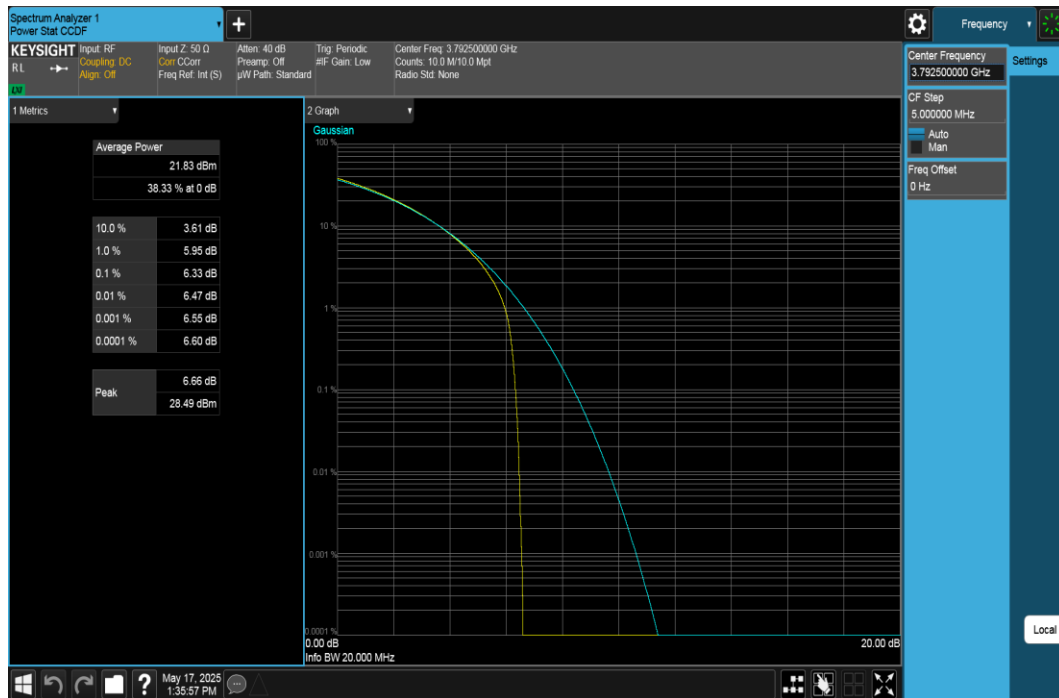
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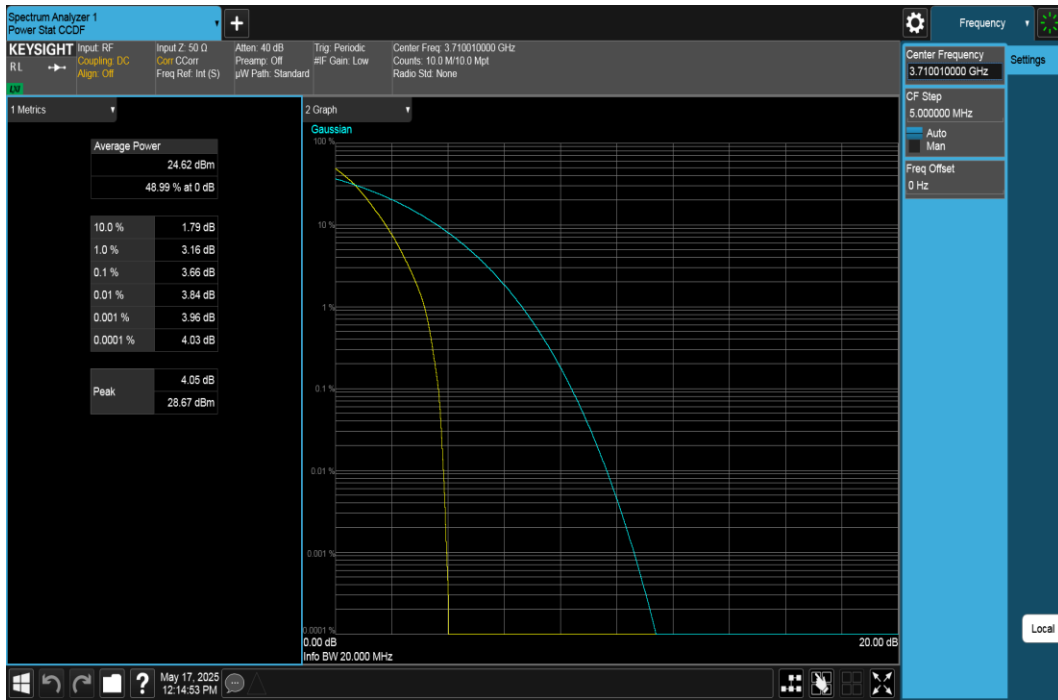
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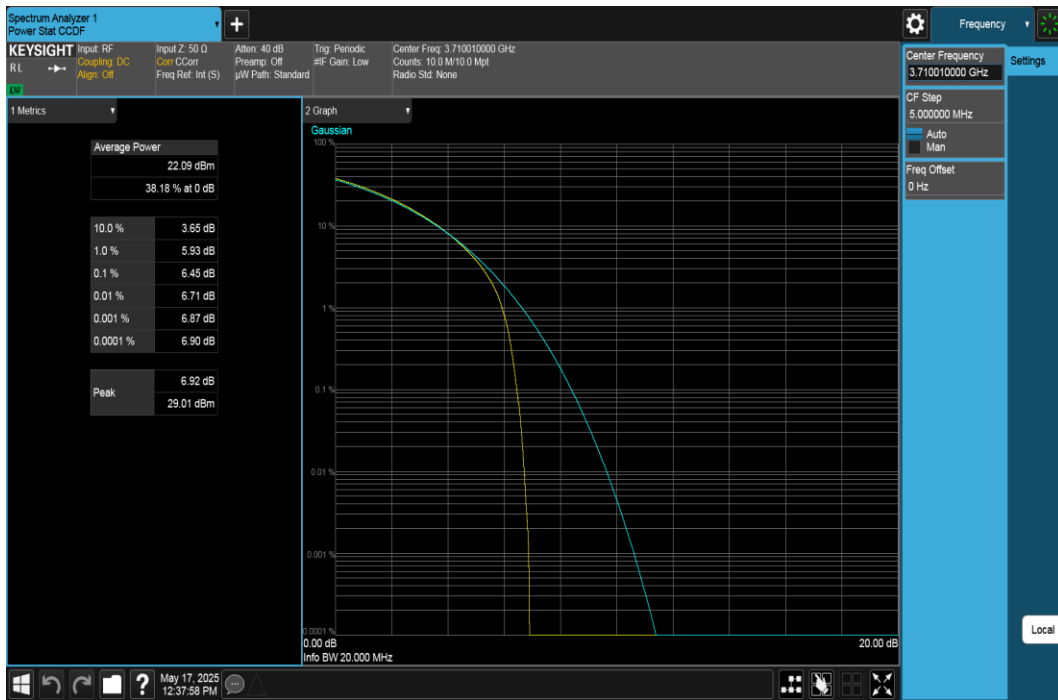
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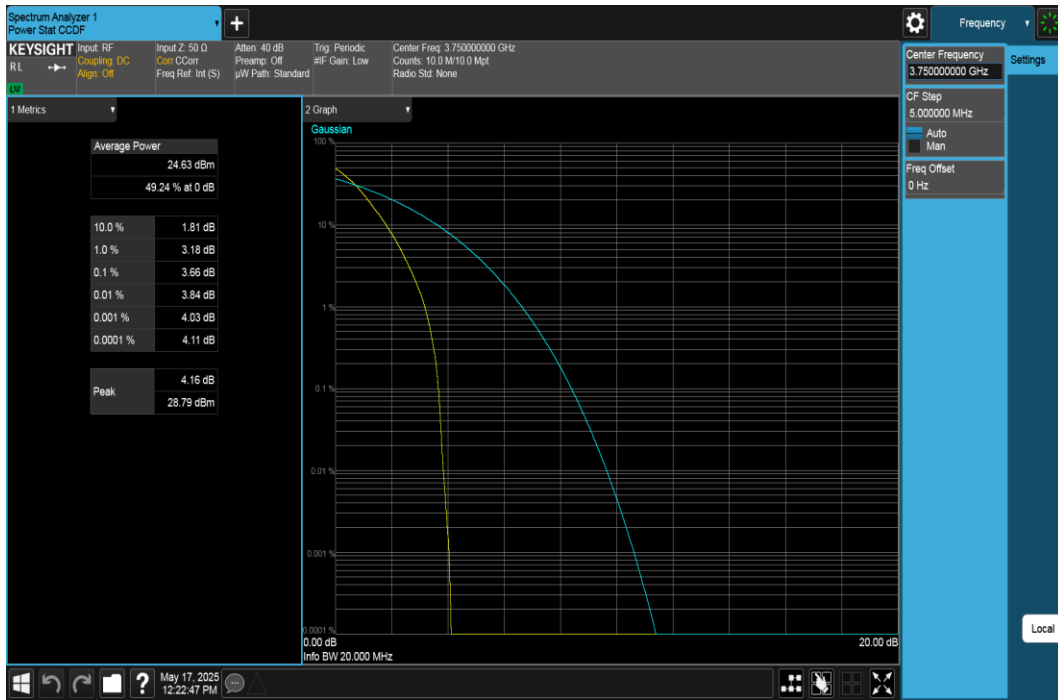
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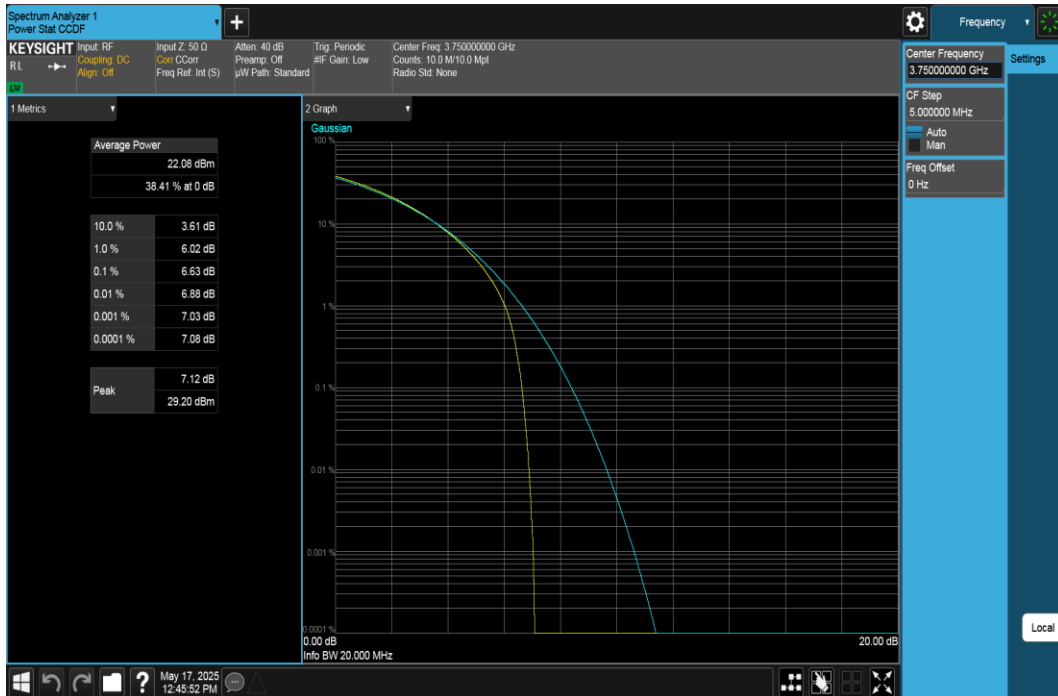
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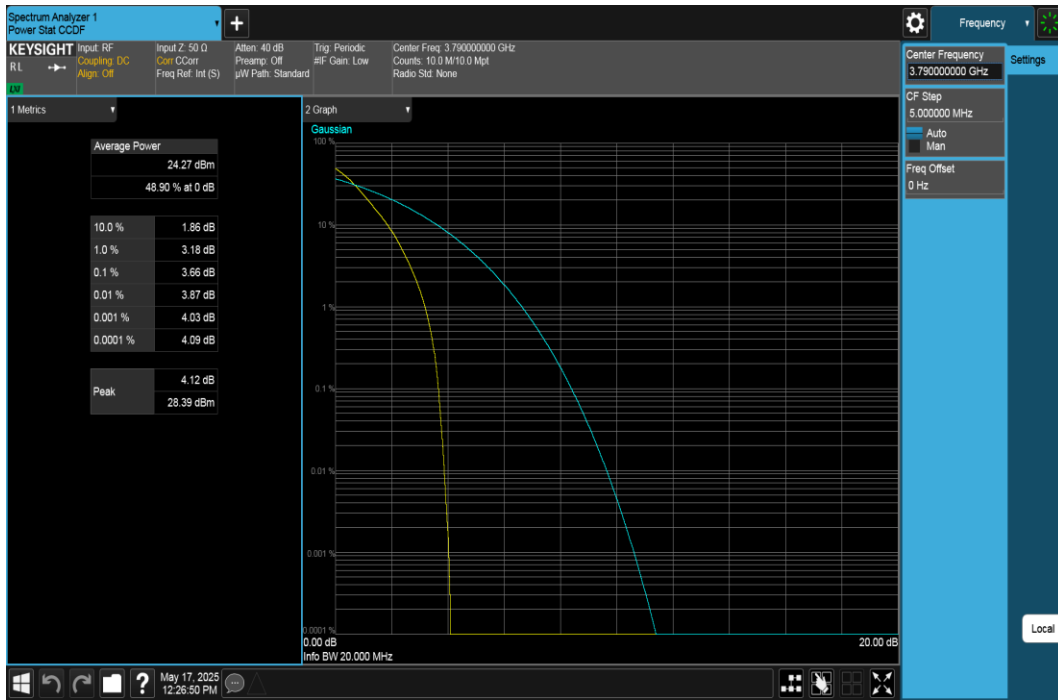
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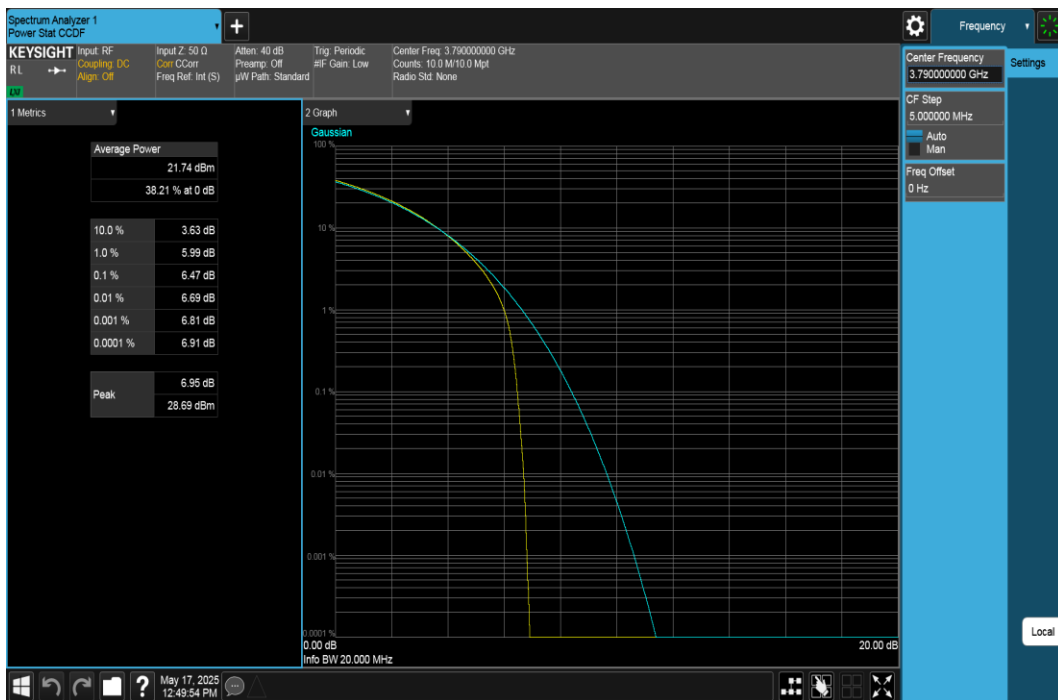
N78b(3700-3800MHz)-20M-PAPR-MCH-CP-OFDM-QPSK-Outer_Full



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



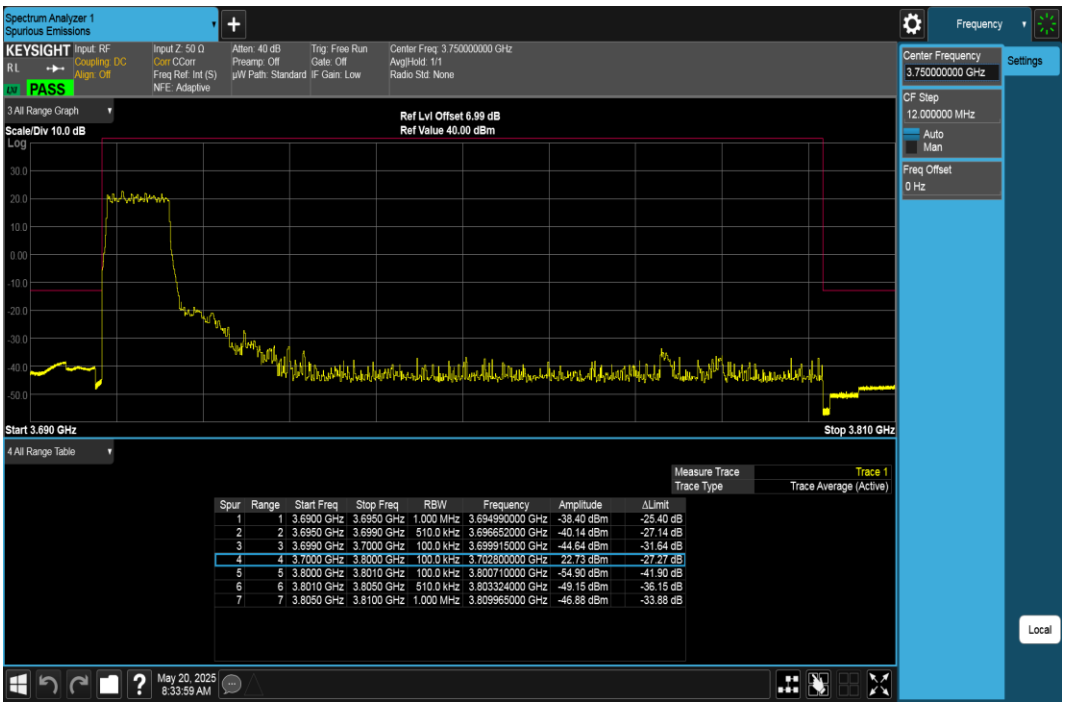
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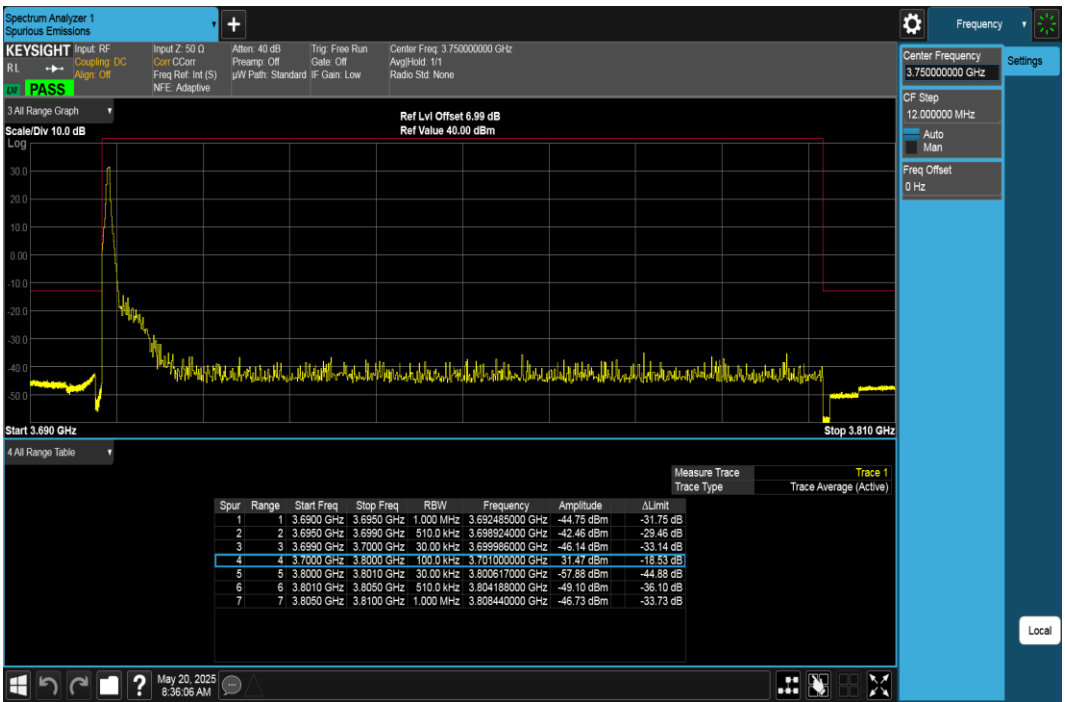
Bandedge

test graph

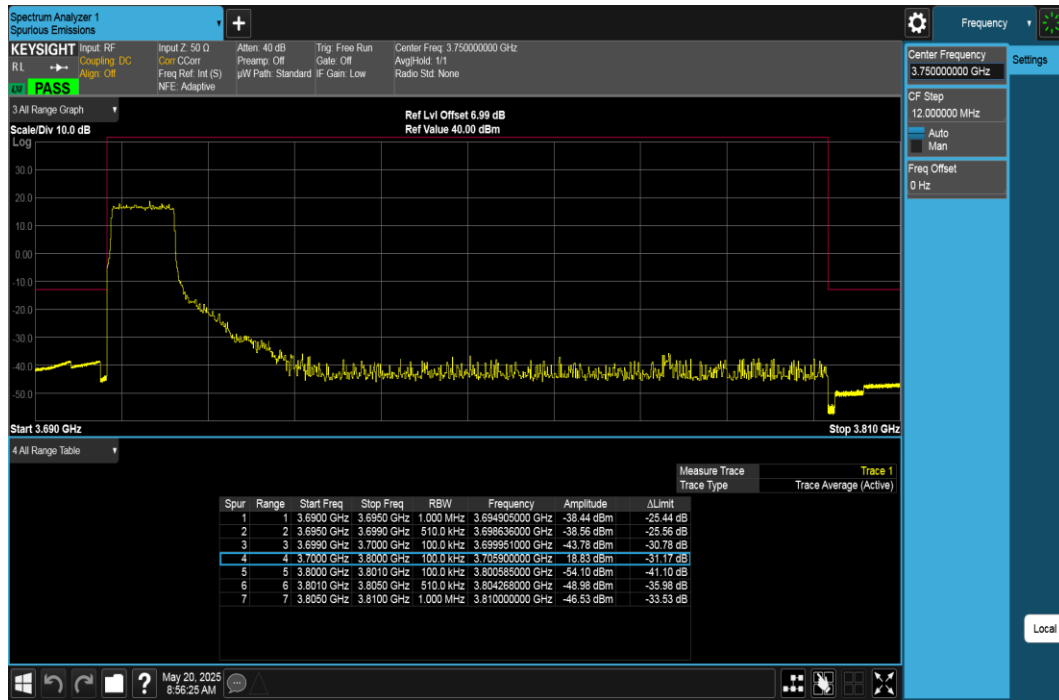
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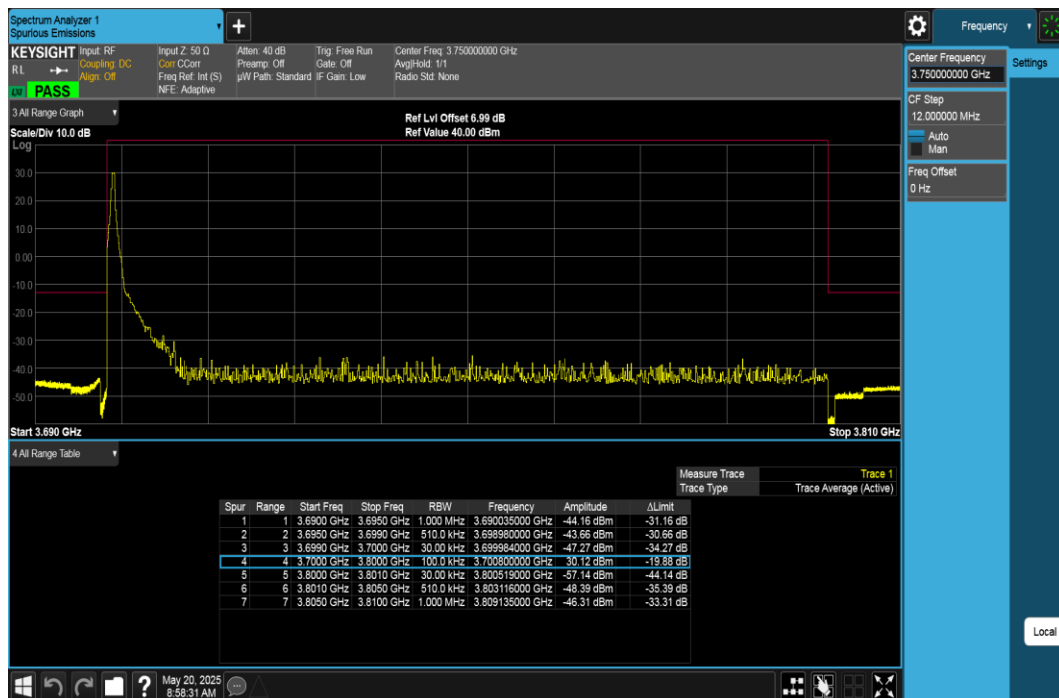
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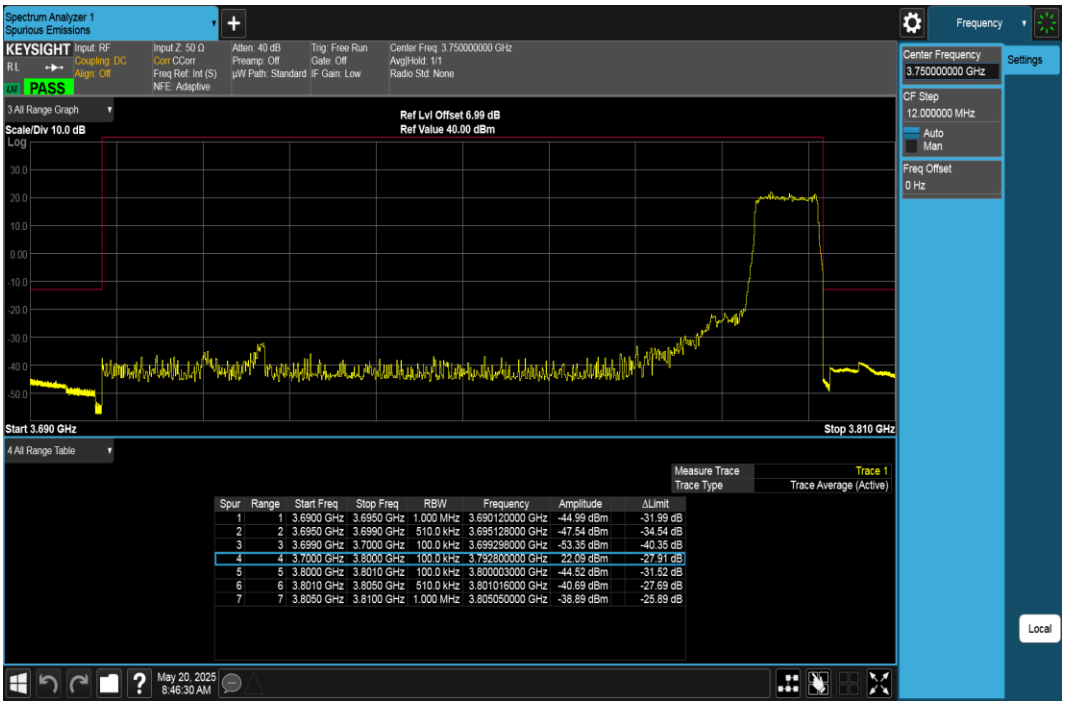
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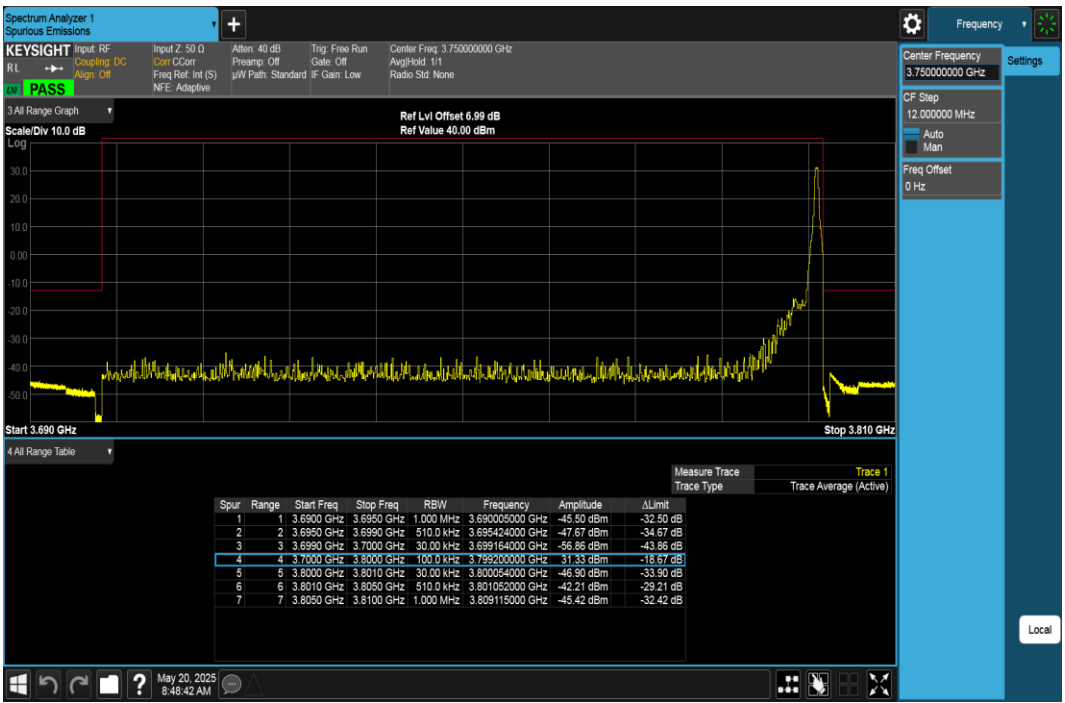
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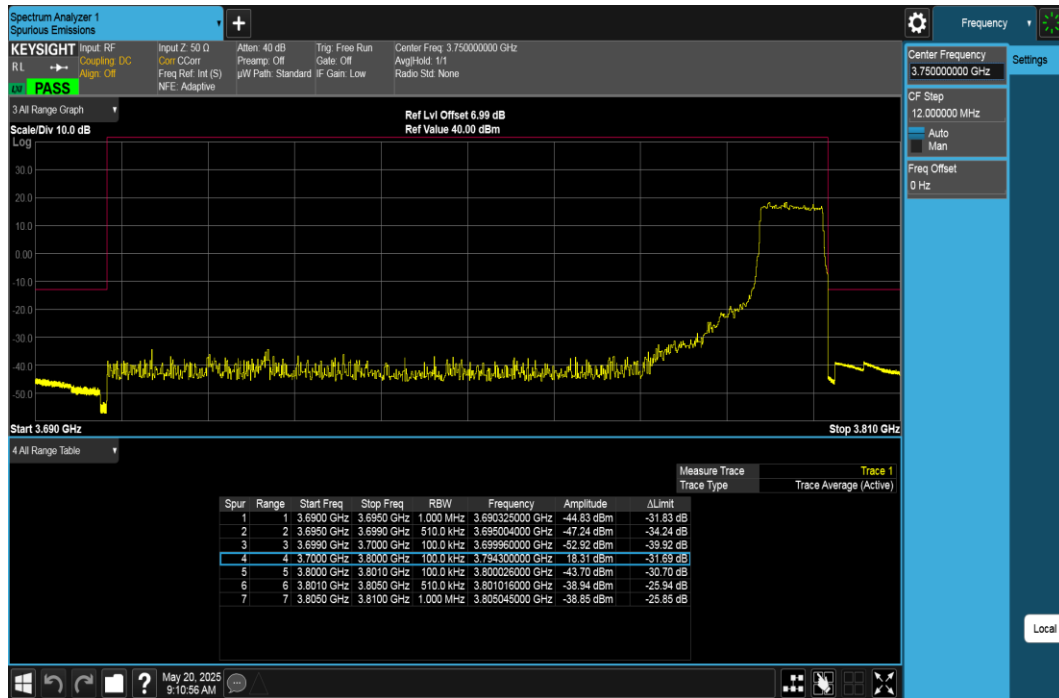
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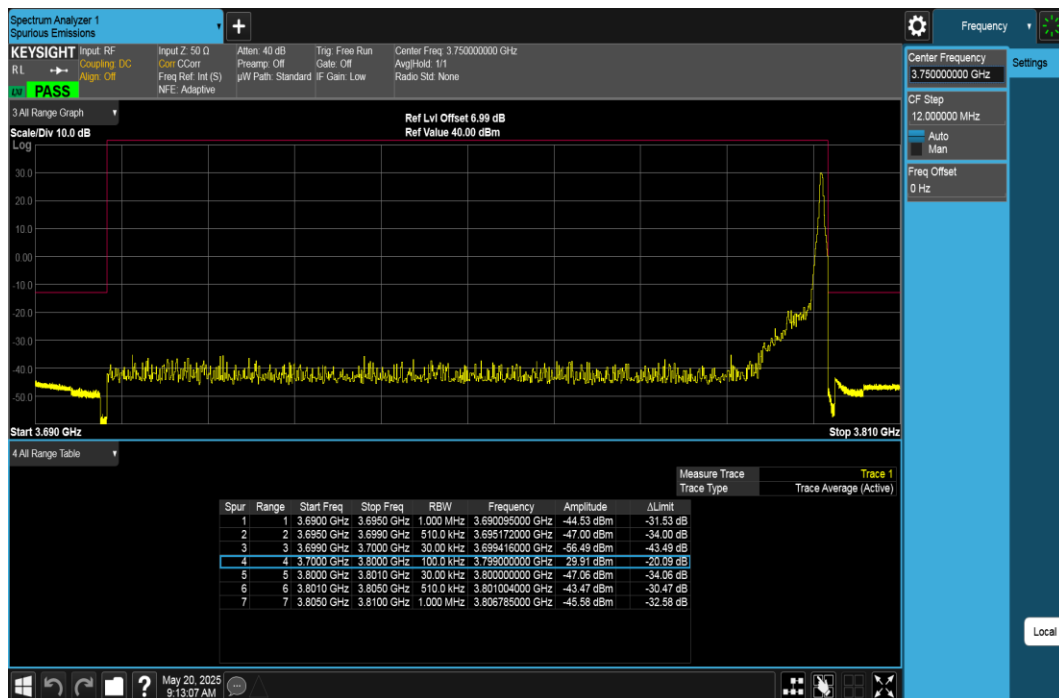
N78b(3700-3800MHz)-10M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



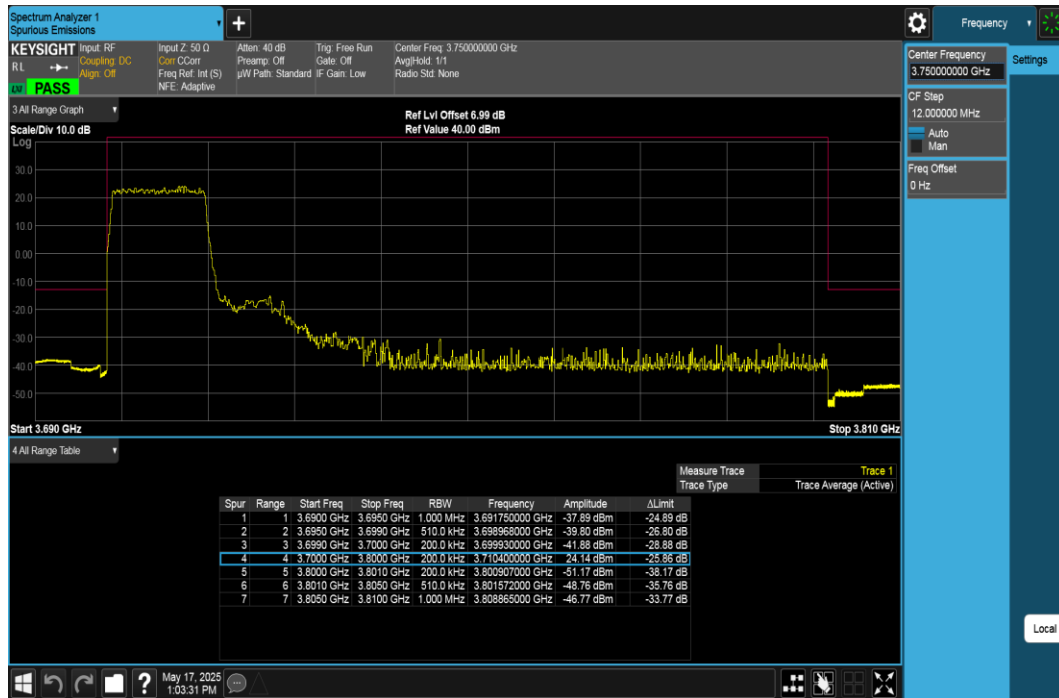
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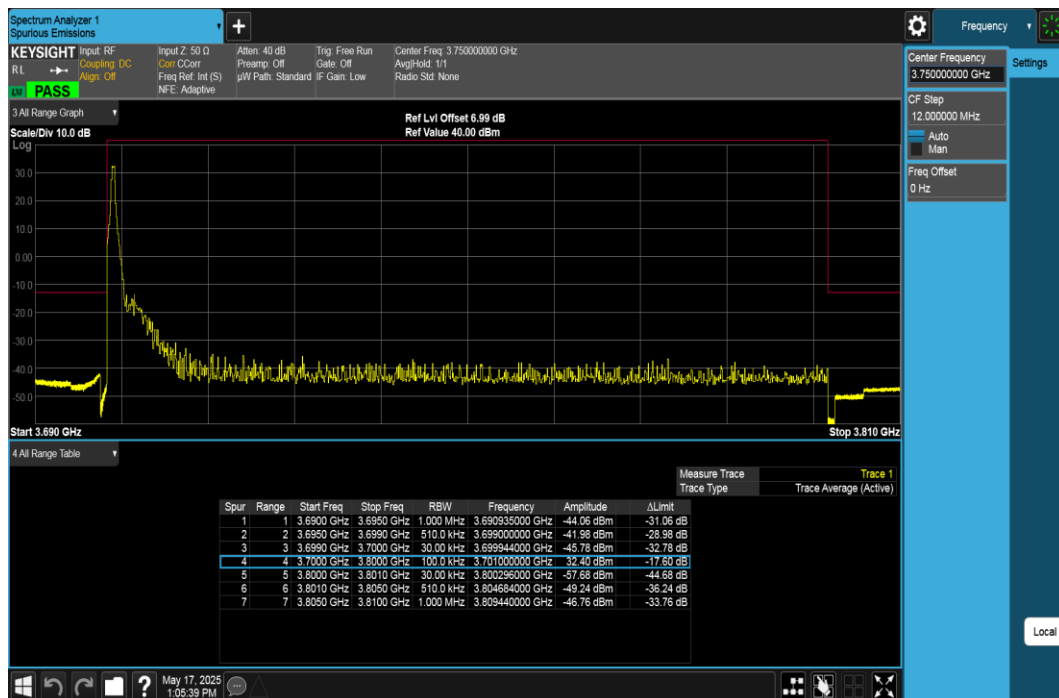
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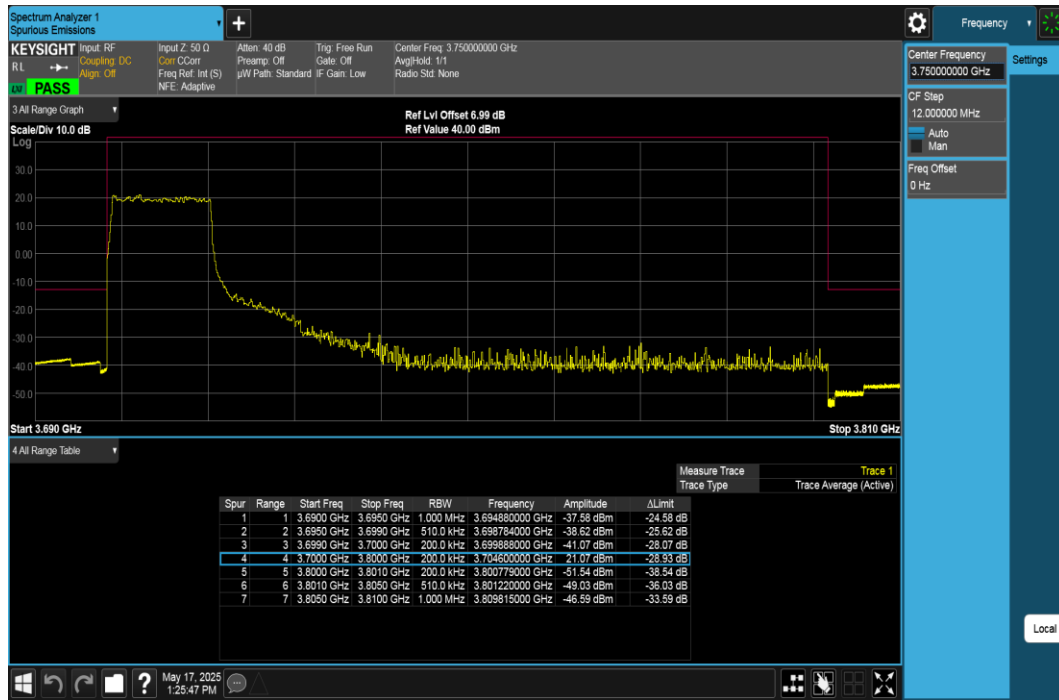
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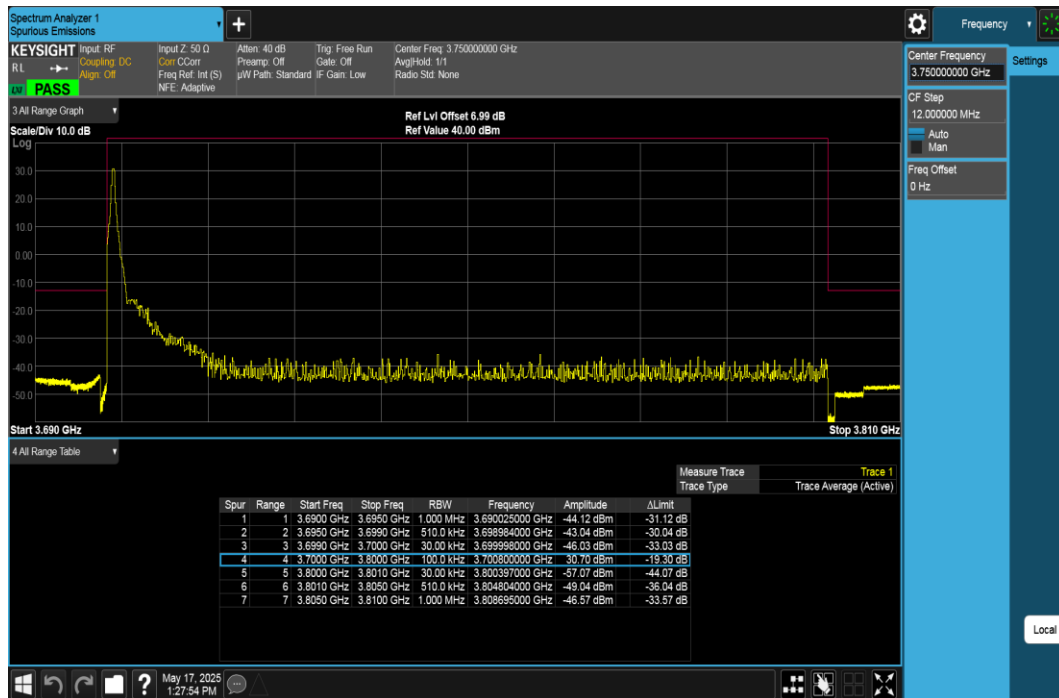
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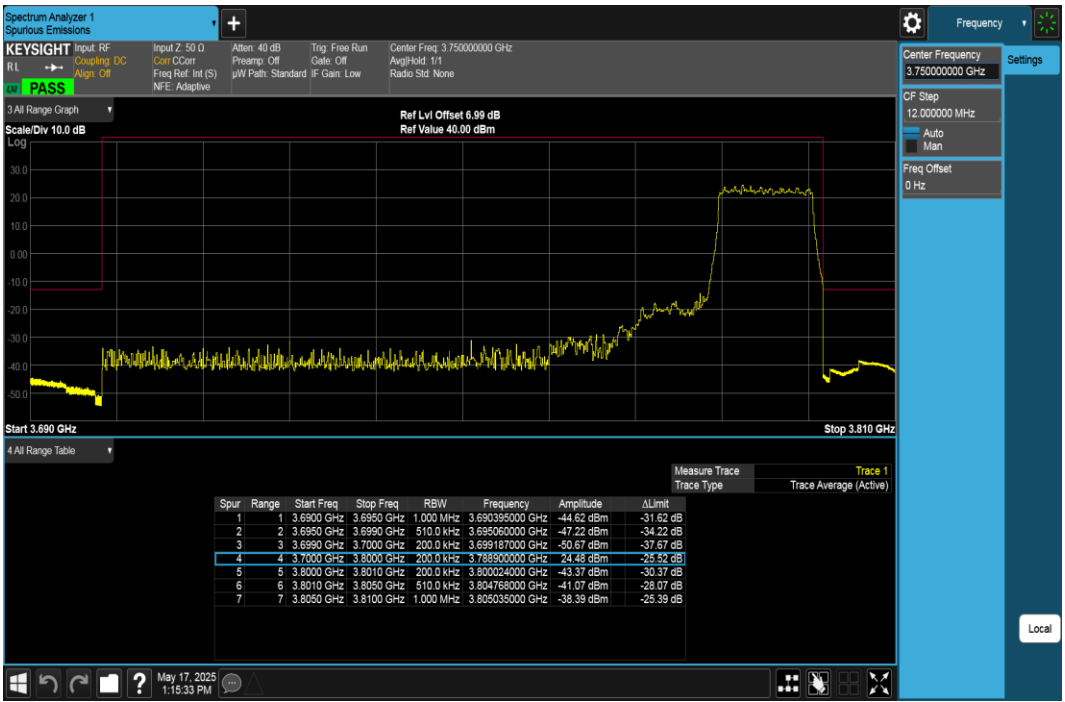
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N78b(3700-3800MHz)-15M-Bandedge-LCH-CP-OFDM-QPSK-1RB0



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

