

99% & 26dB Bandwidth

Test Result

5G NR N77b(3700-3980MHz) 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	8.5709	9.736	/	Pass
CP-OFDM QPSK		Outer_Full	8.6093	9.966	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	8.577	9.543	/	Pass
CP-OFDM QPSK		Outer_Full	8.6075	9.763	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.5883	9.539	/	Pass
CP-OFDM QPSK		Outer_Full	8.6331	9.805	/	Pass

5G NR N77b(3700-3980MHz) 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	12.939	14.67	/	Pass
CP-OFDM QPSK		Outer_Full	13.62	14.81	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	13.003	14.48	/	Pass
CP-OFDM QPSK		Outer_Full	13.668	14.92	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	12.992	14.27	/	Pass
CP-OFDM QPSK		Outer_Full	13.64	15.02	/	Pass

5G NR N77b(3700-3980MHz) 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	17.902	18.92	/	Pass
CP-OFDM QPSK		Outer_Full	18.28	19.75	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	17.979	19.51	/	Pass
CP-OFDM QPSK		Outer_Full	18.289	19.65	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.947	19.04	/	Pass
CP-OFDM QPSK		Outer_Full	18.303	19.29	/	Pass

Peak-Average Ratio

Test Result

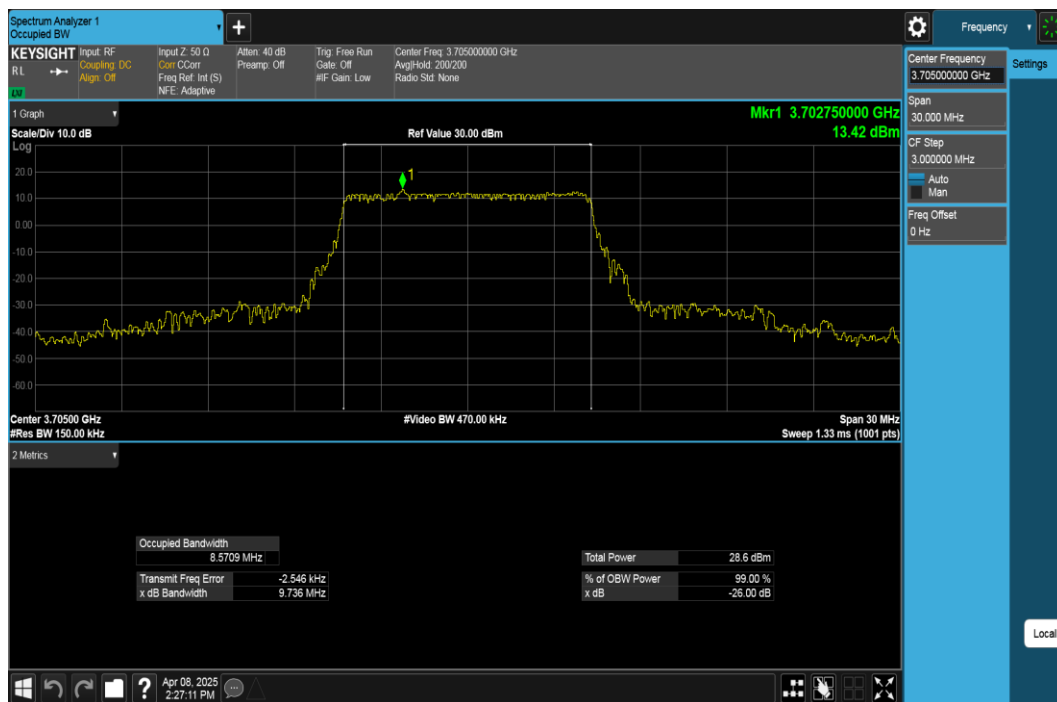
5G NR N77b(3700-3980MHz) SCS=30kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.01	<=13	Pass
CP-OFDM QPSK		Outer_Full	3.98	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.32	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.31	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.26	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.12	<=13	Pass

5G NR N77b(3700-3980MHz) SCS=30kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.2	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.73	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.06	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.23	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.38	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.96	<=13	Pass

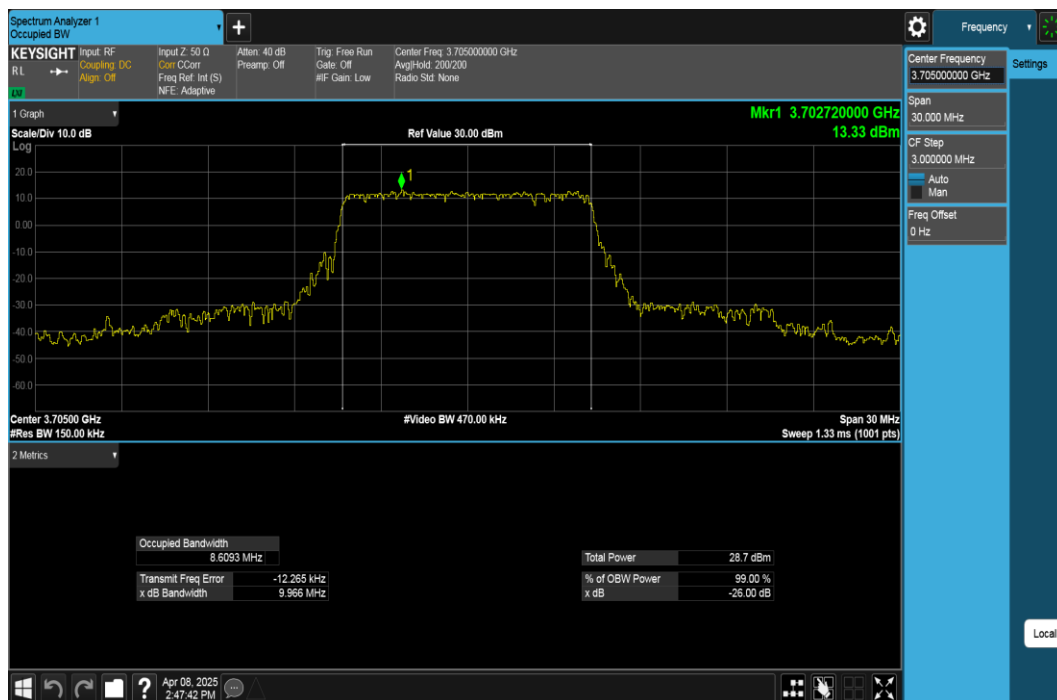
5G NR N77b(3700-3980MHz) SCS=30kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
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CP-OFDM QPSK		Outer_Full	6.85	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.08	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.6	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.42	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.92	<=13	Pass

OBW Test graph

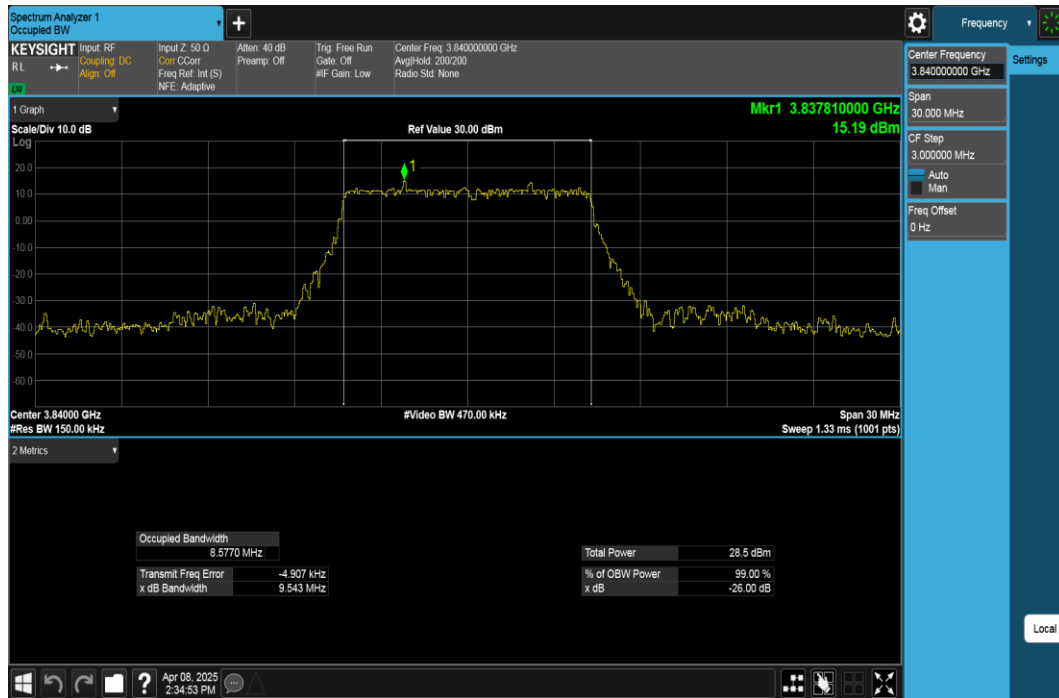
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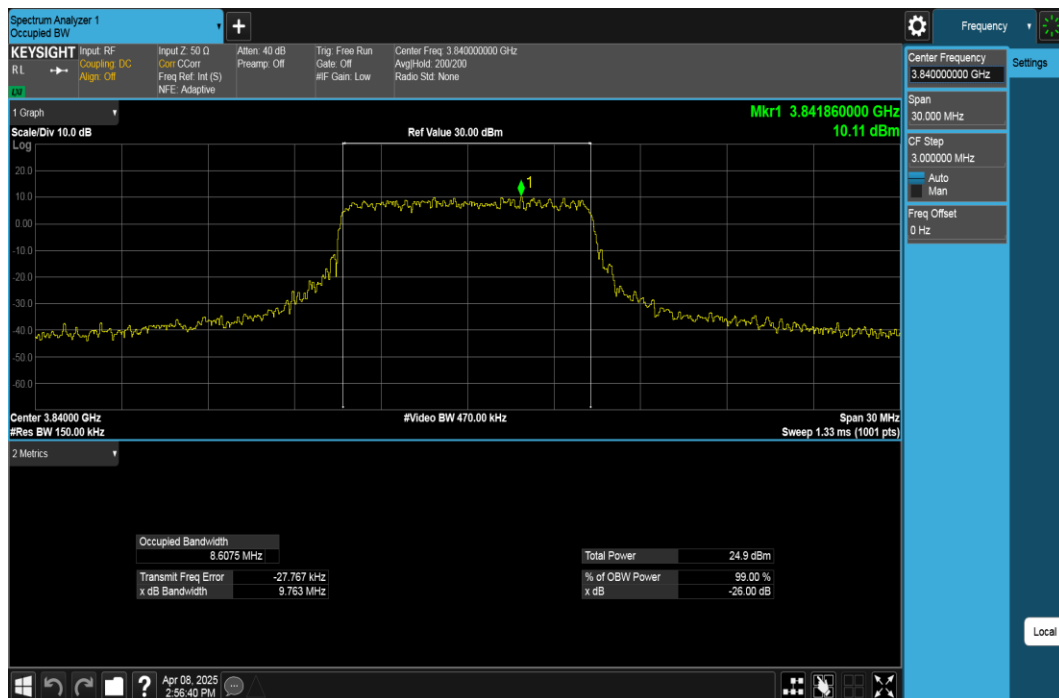
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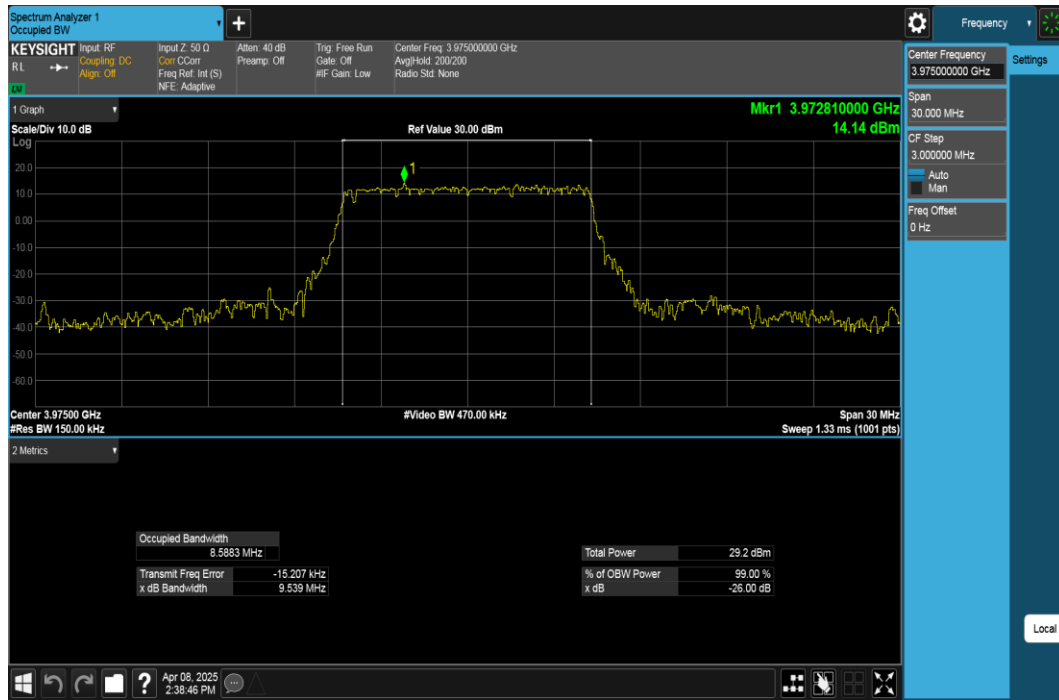
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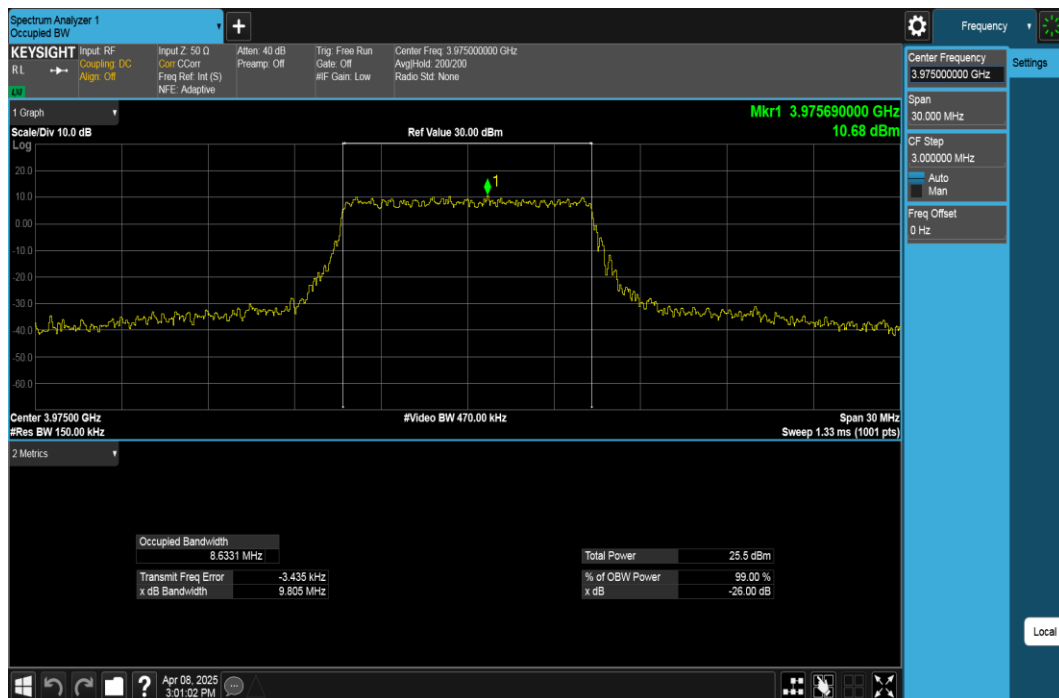
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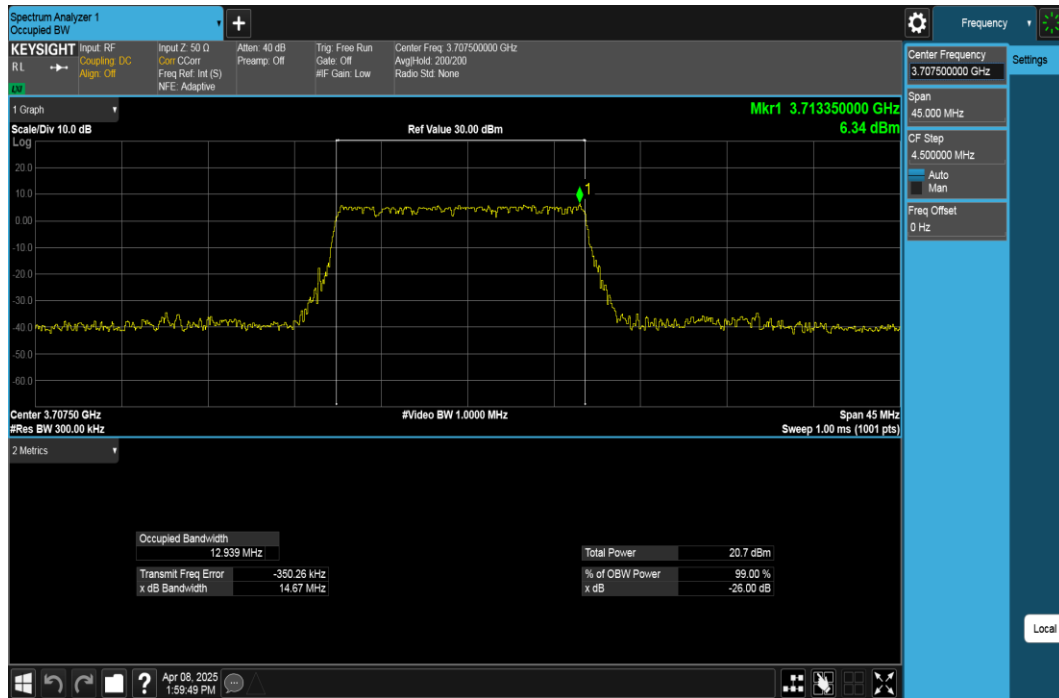
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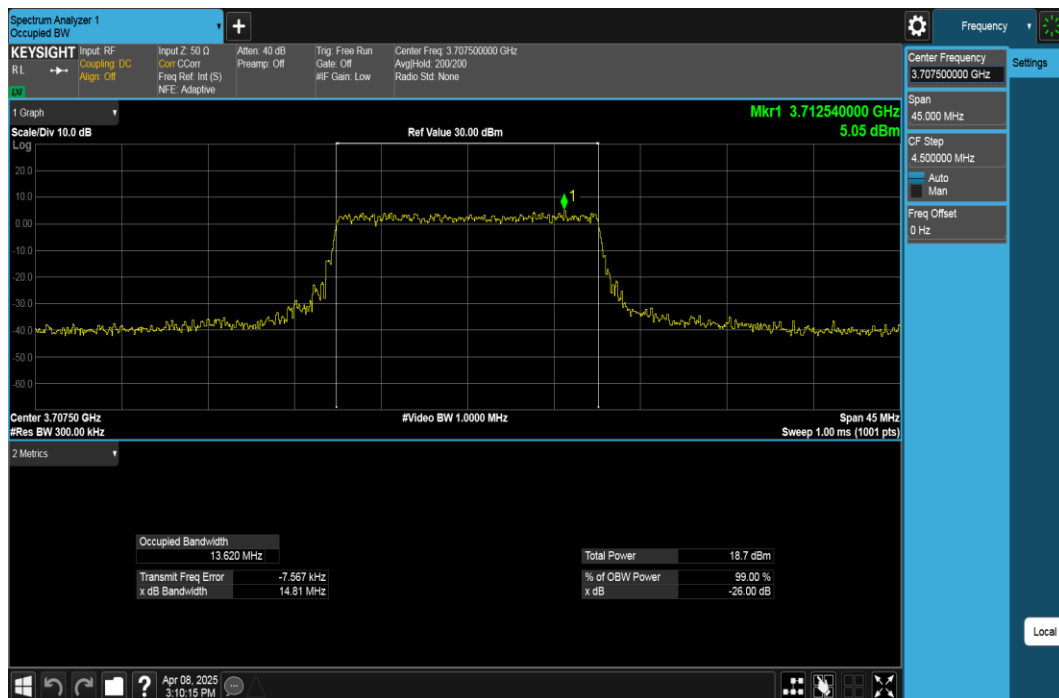
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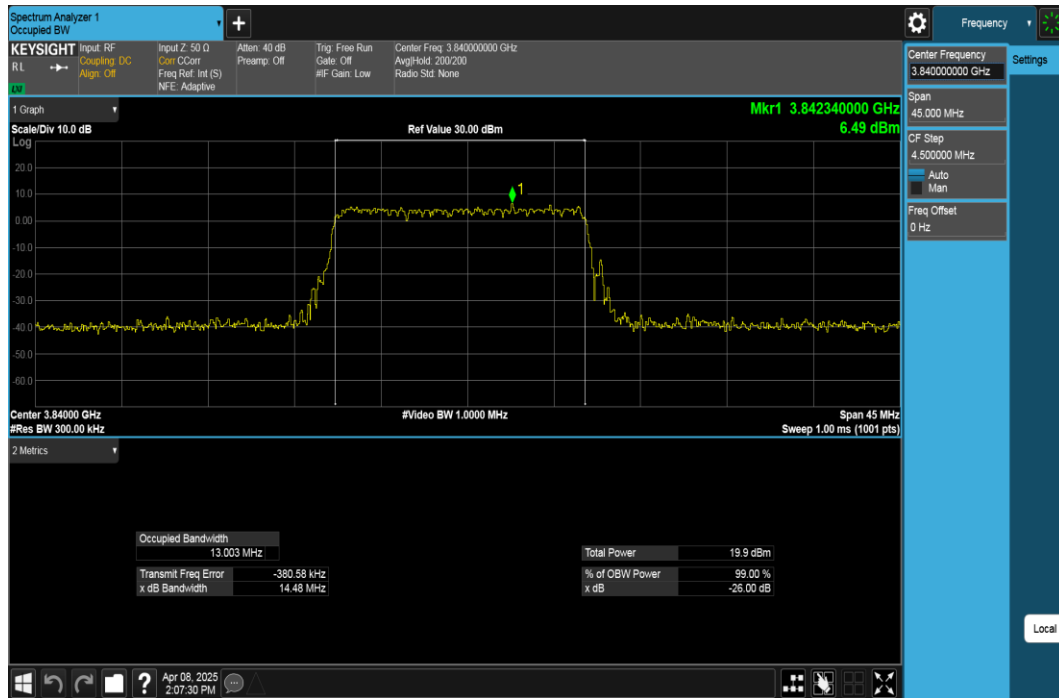
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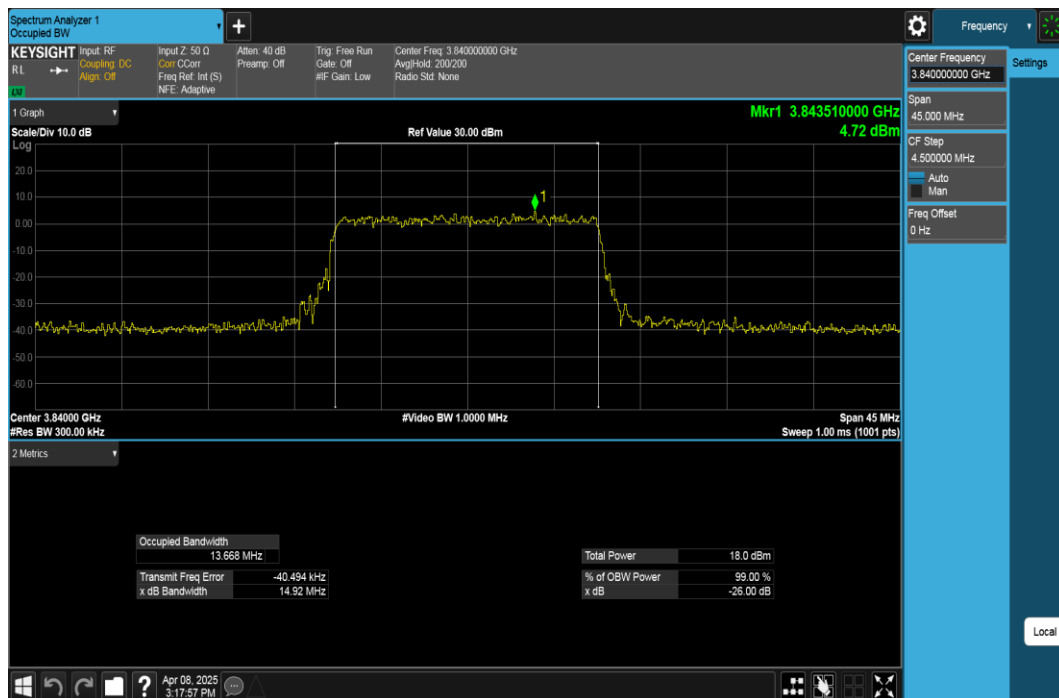
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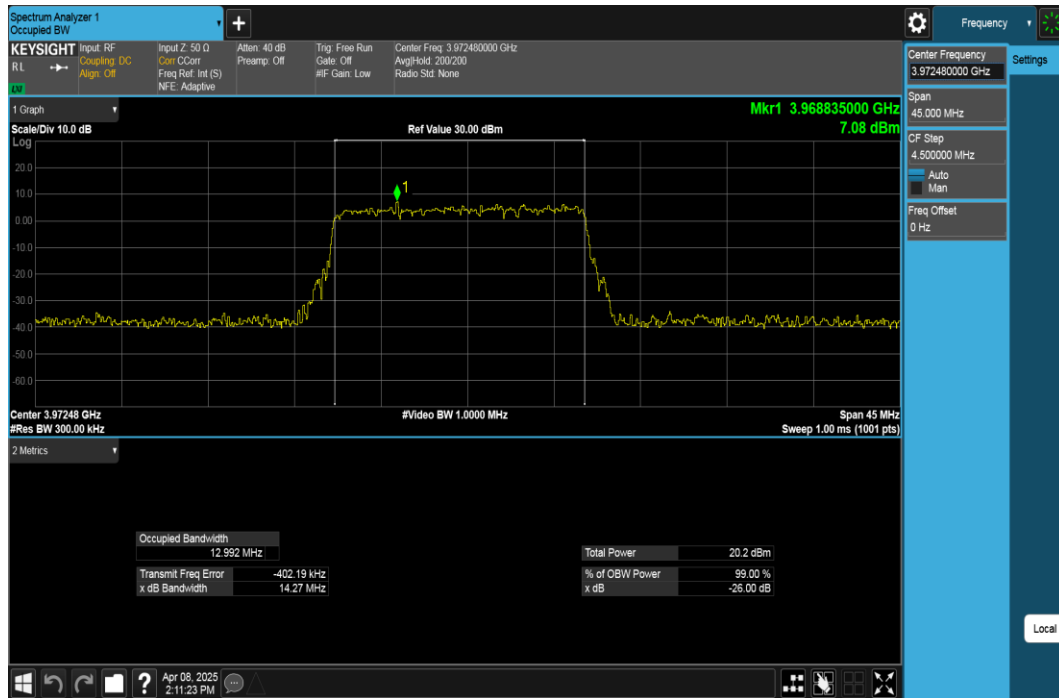
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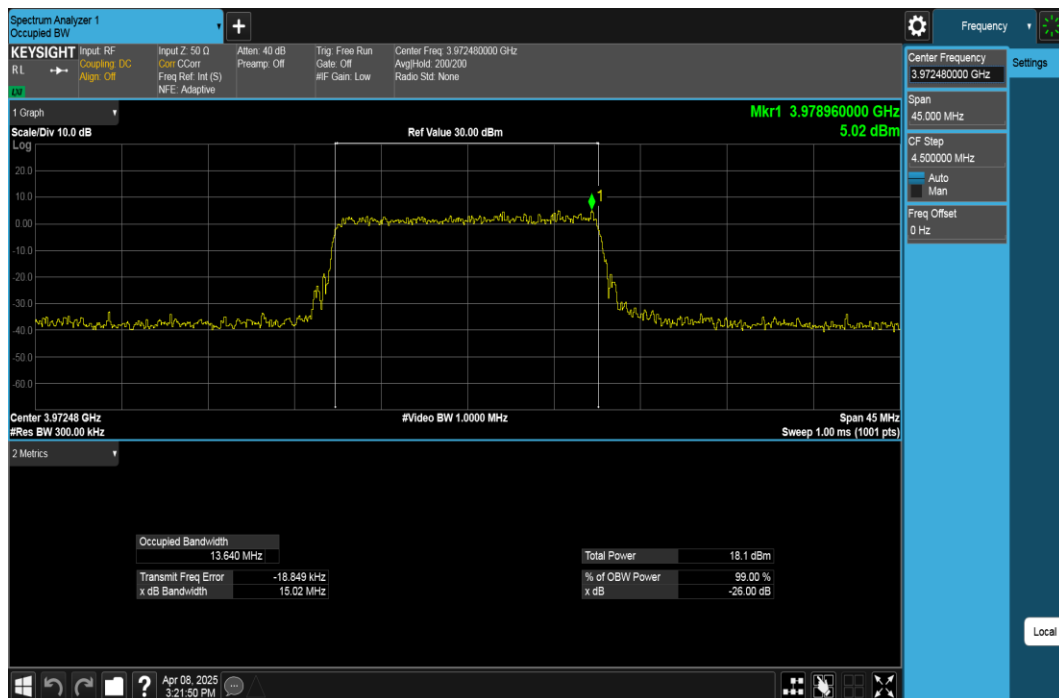
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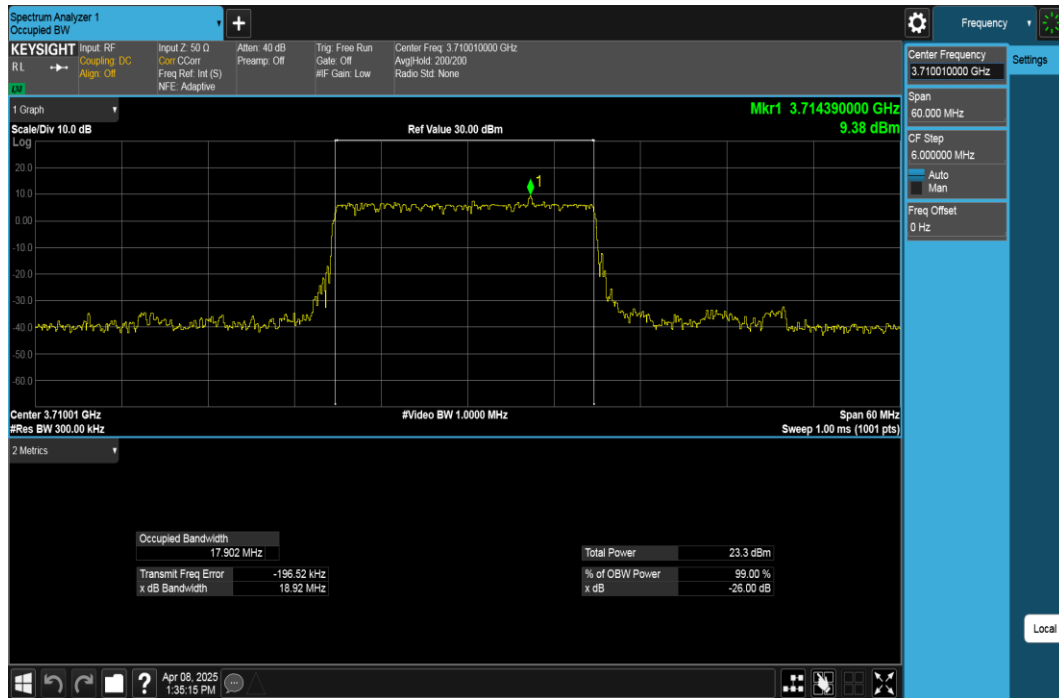
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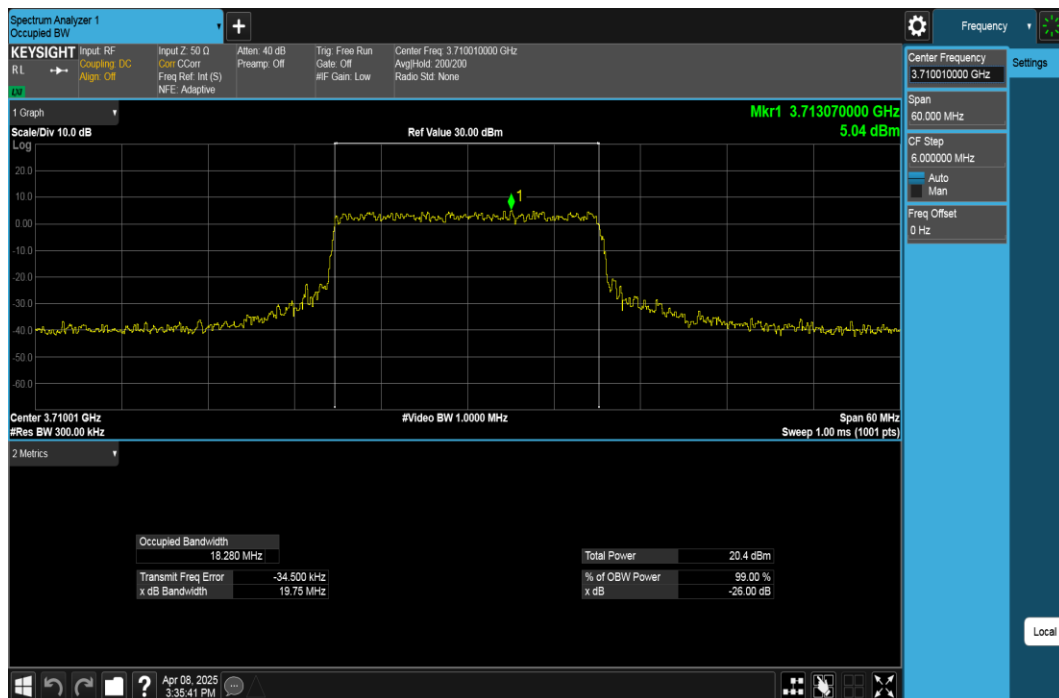
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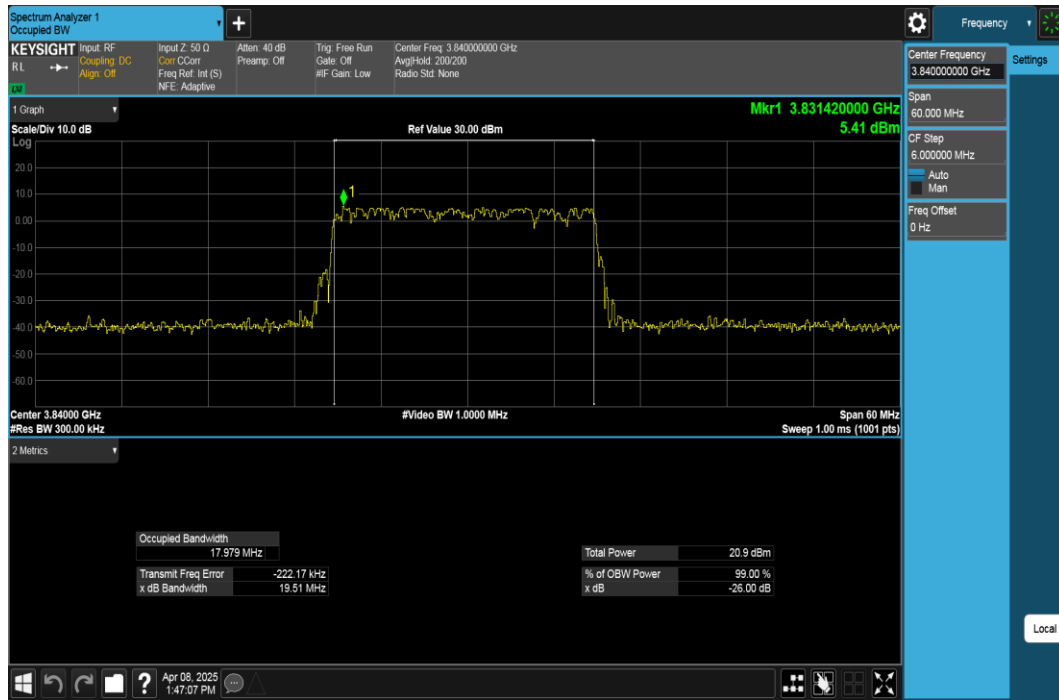
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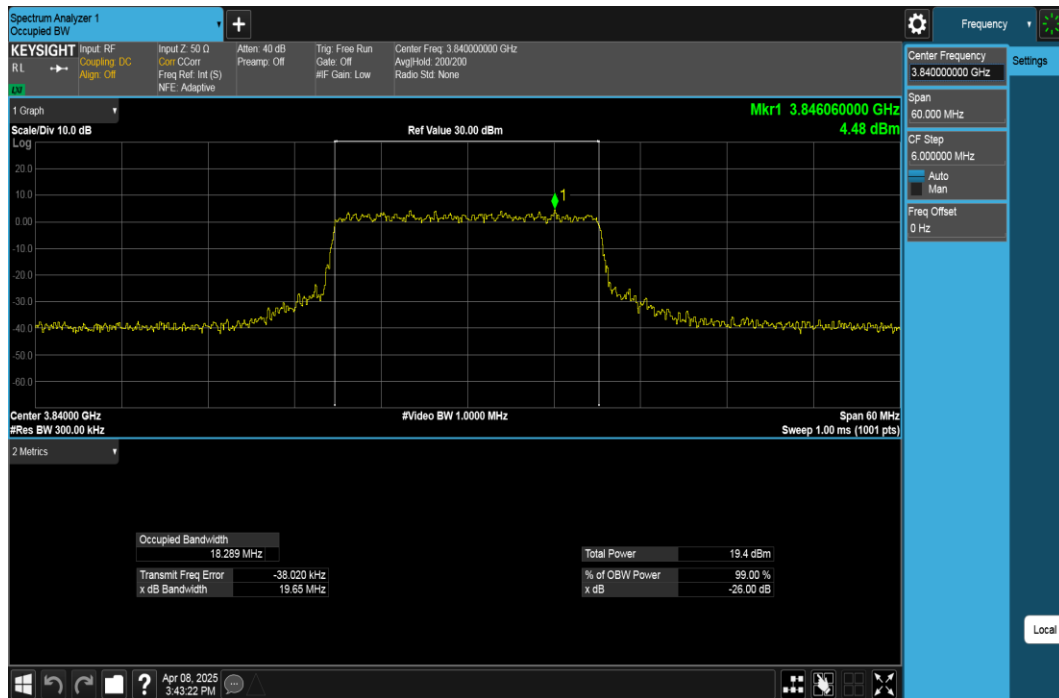
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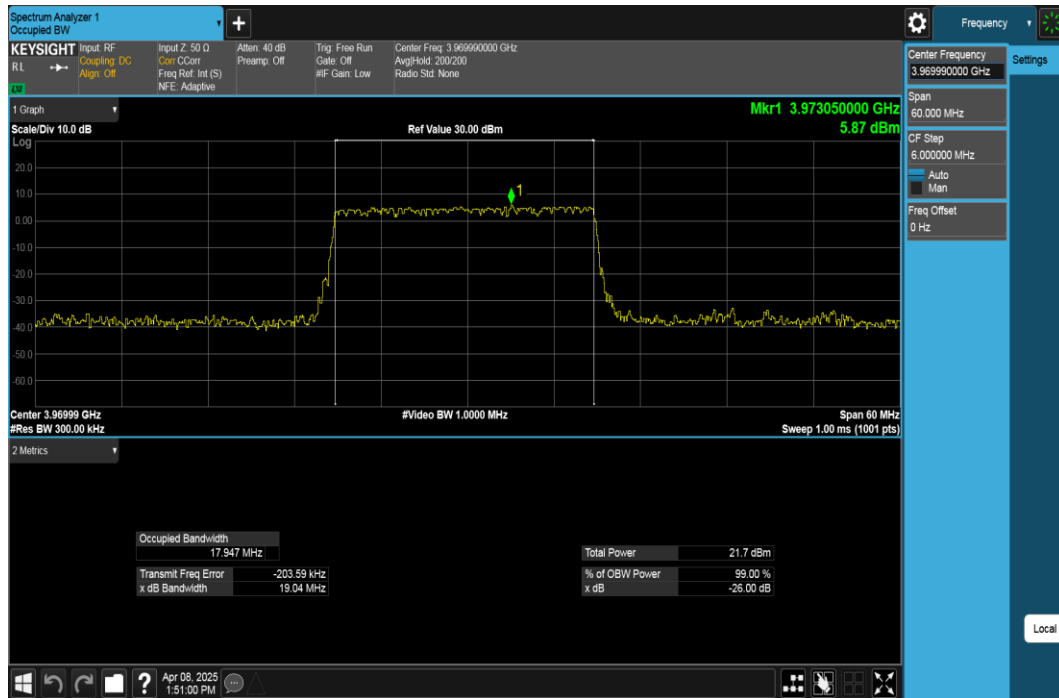
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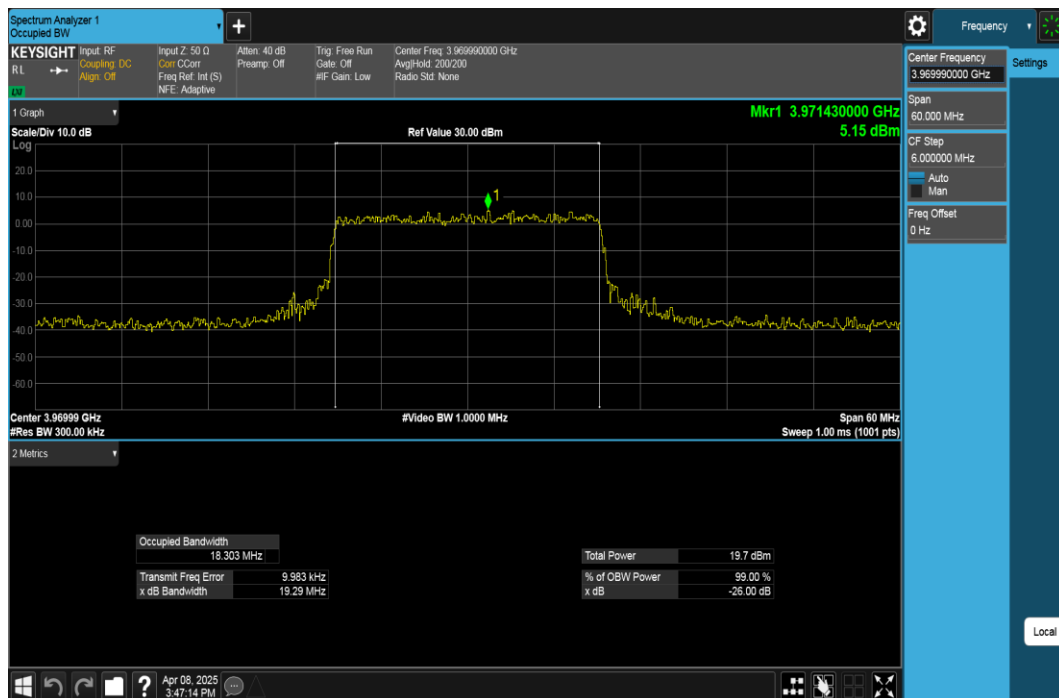
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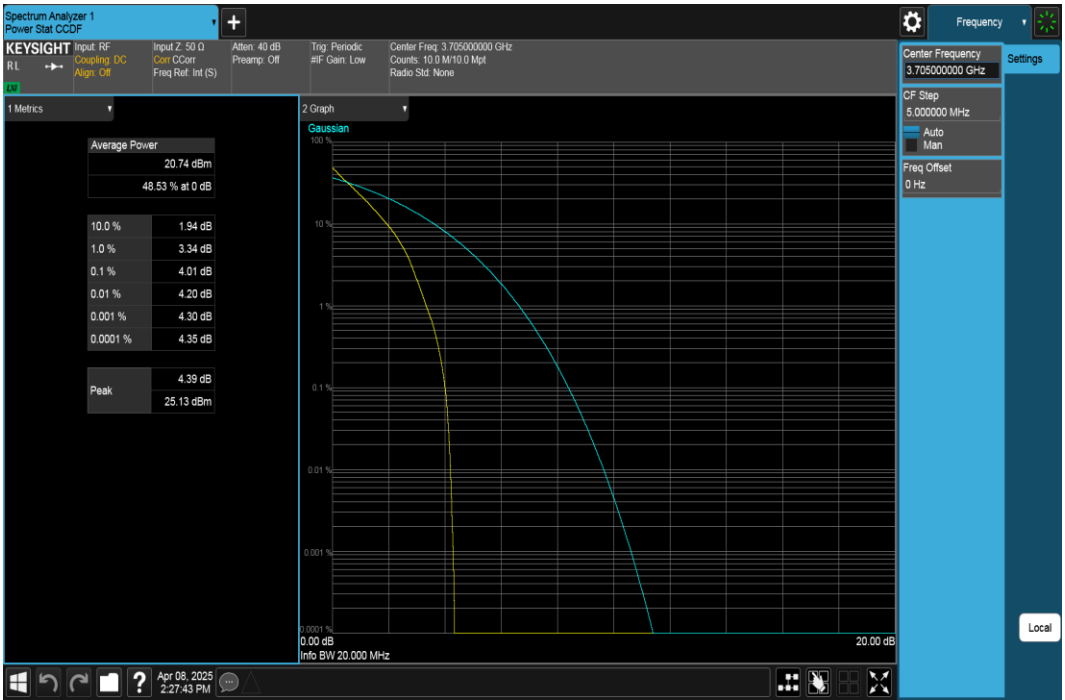


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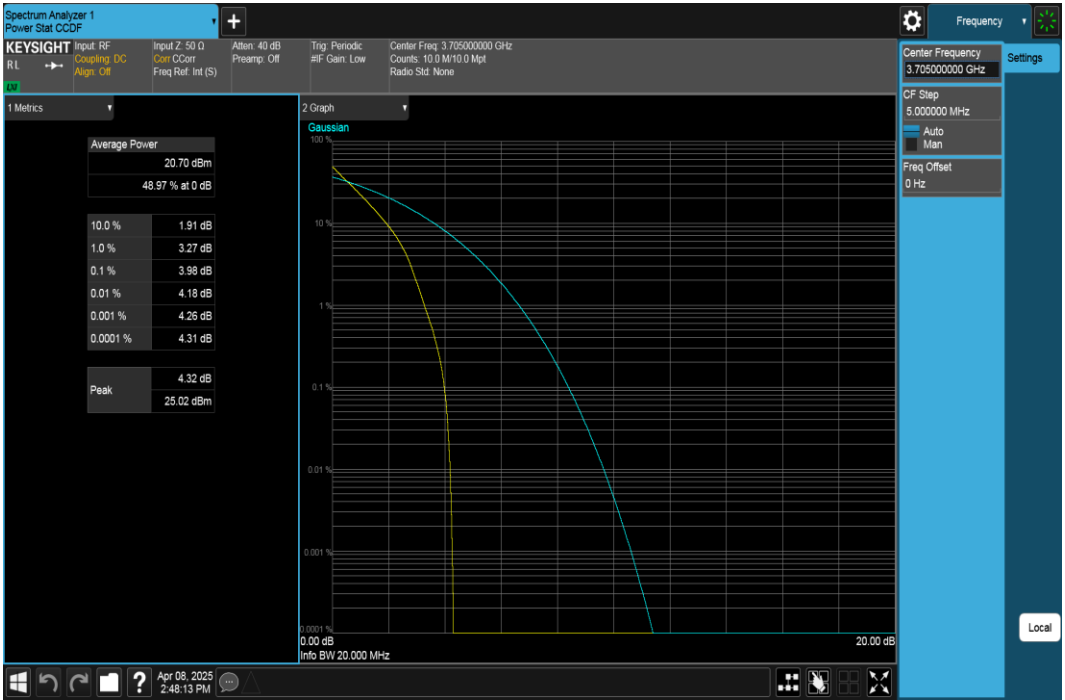


PAPR Test graph

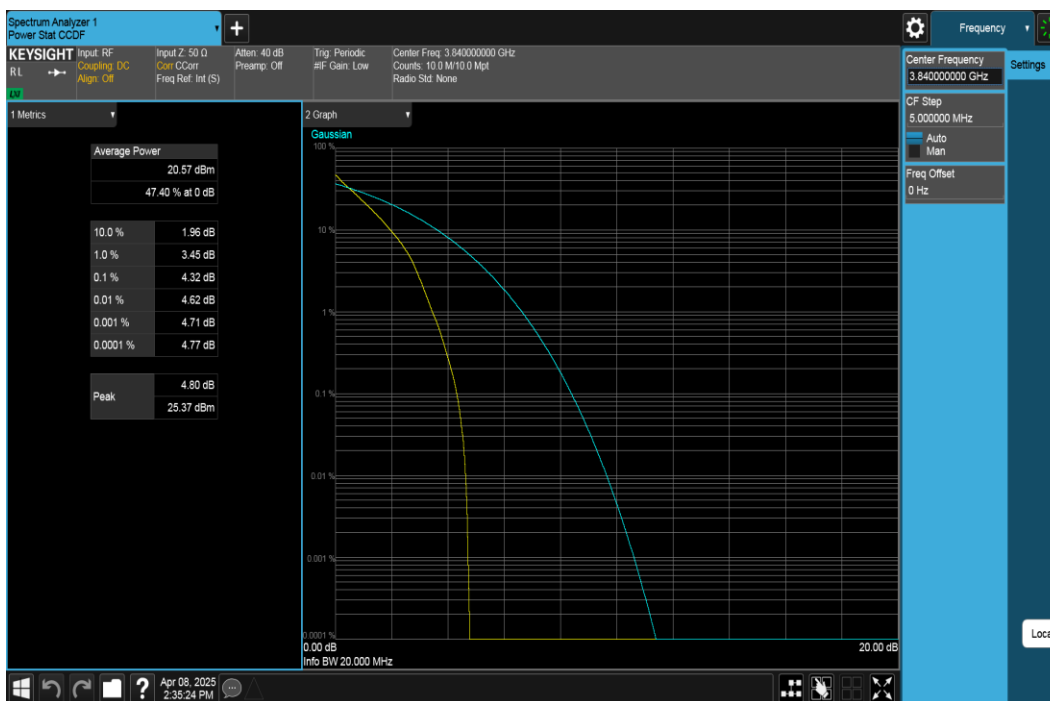
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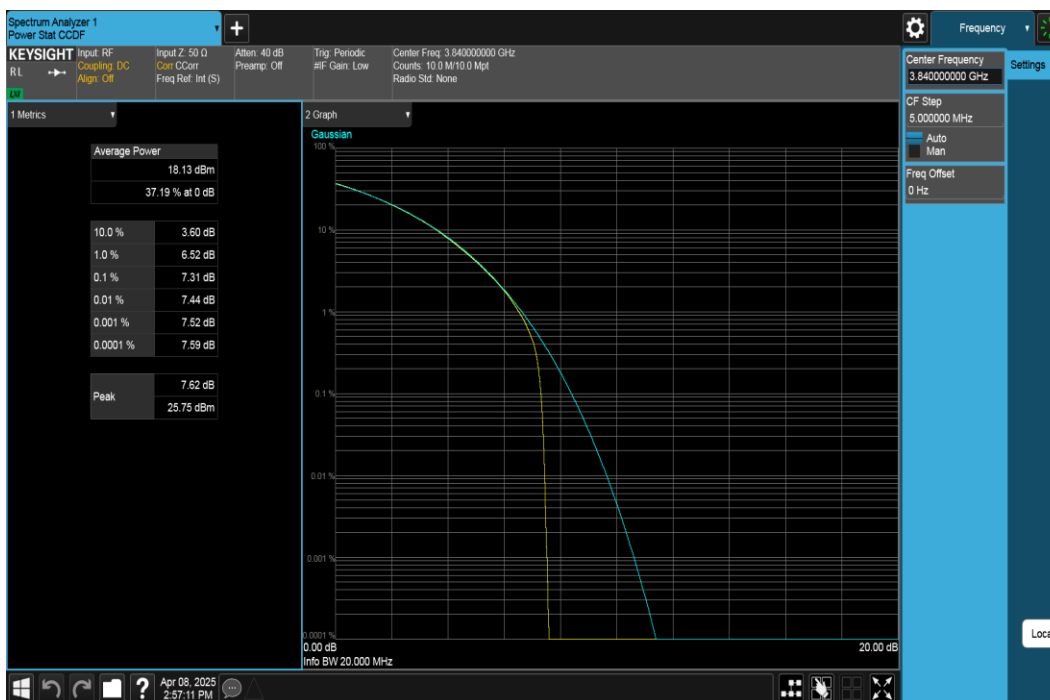
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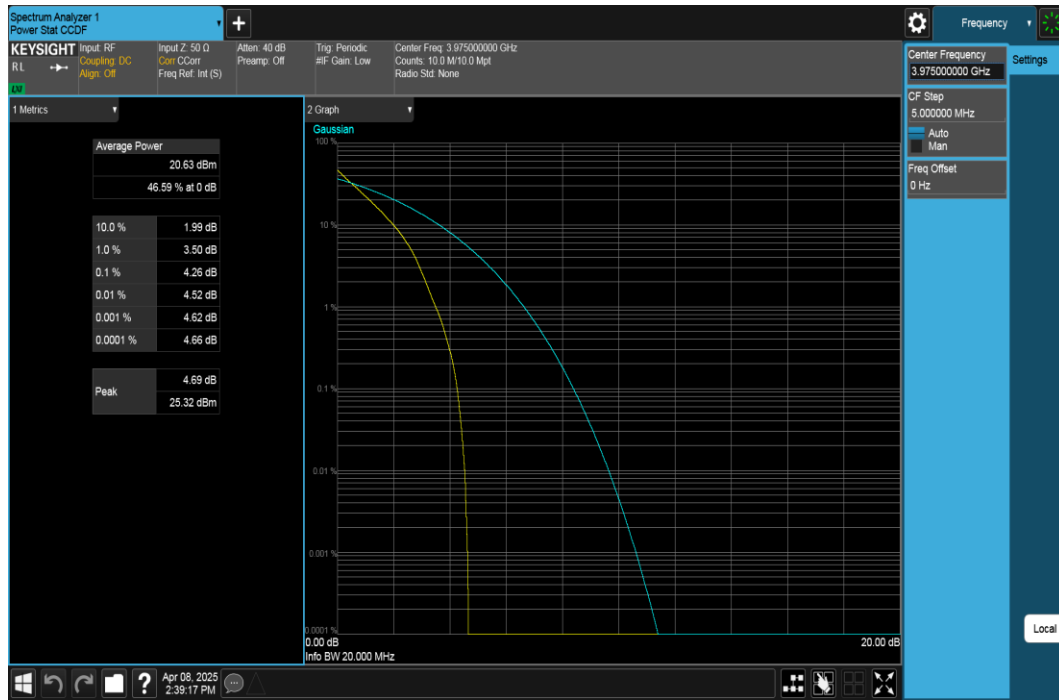
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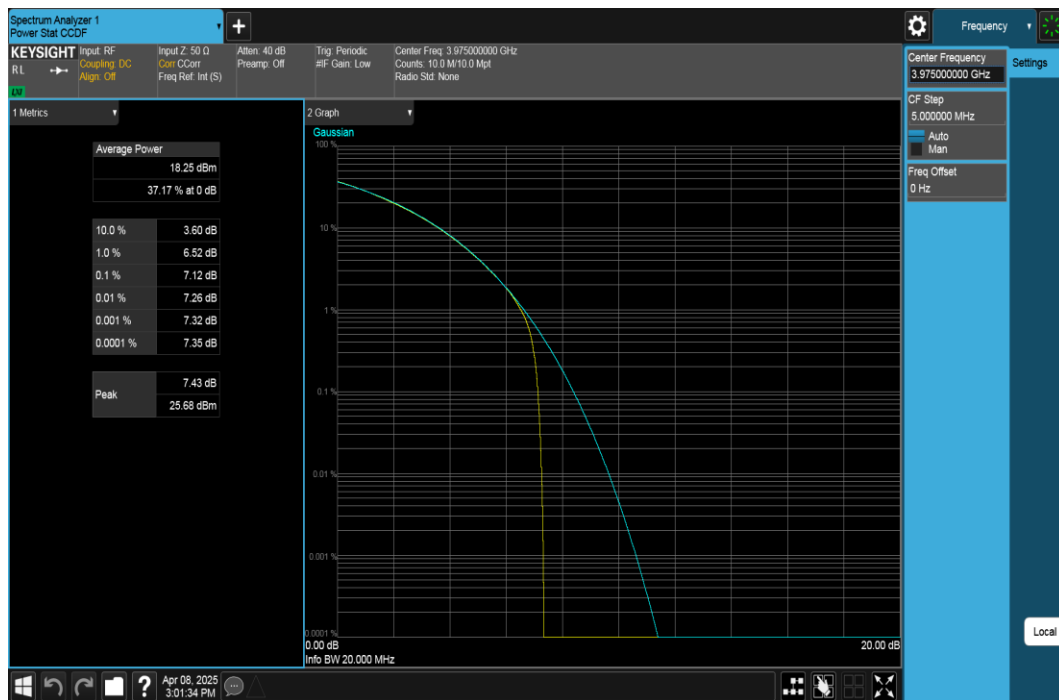
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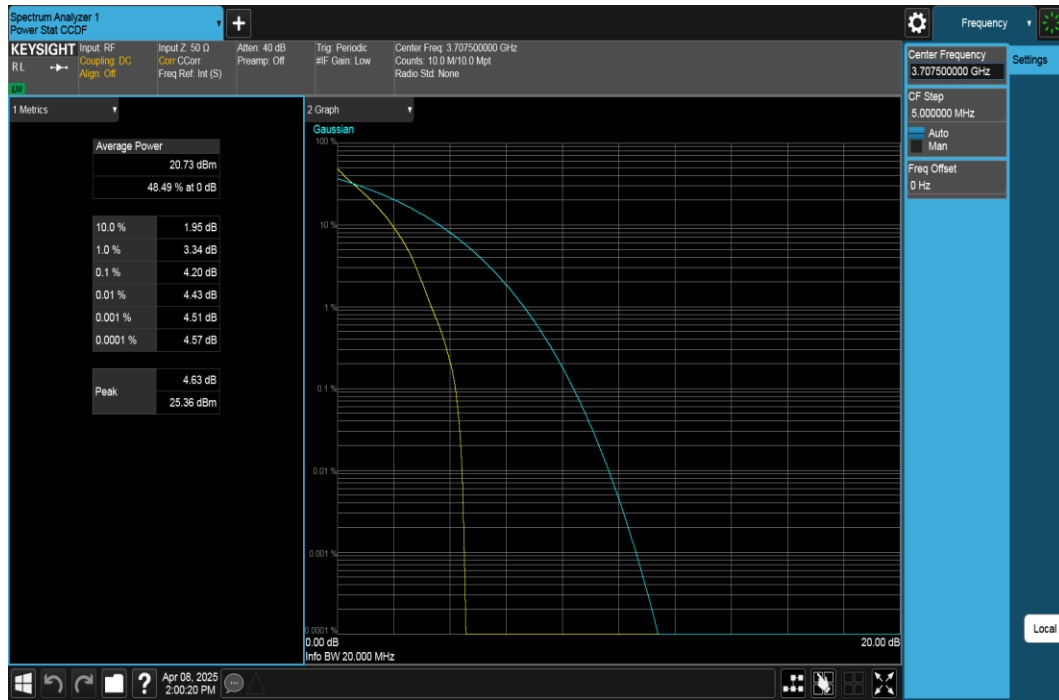
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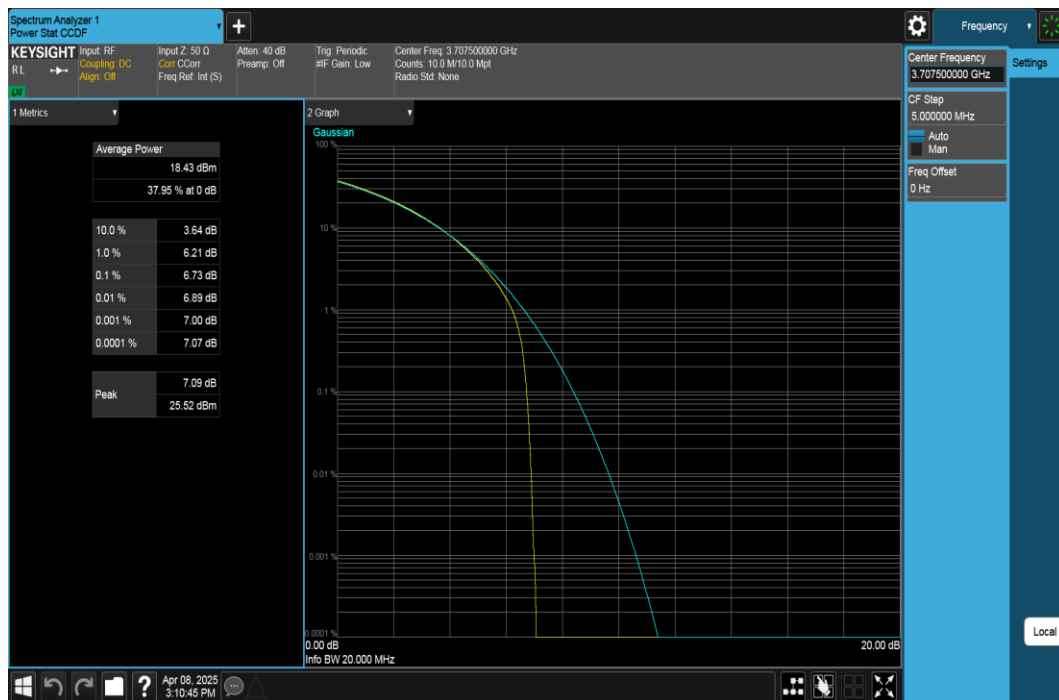
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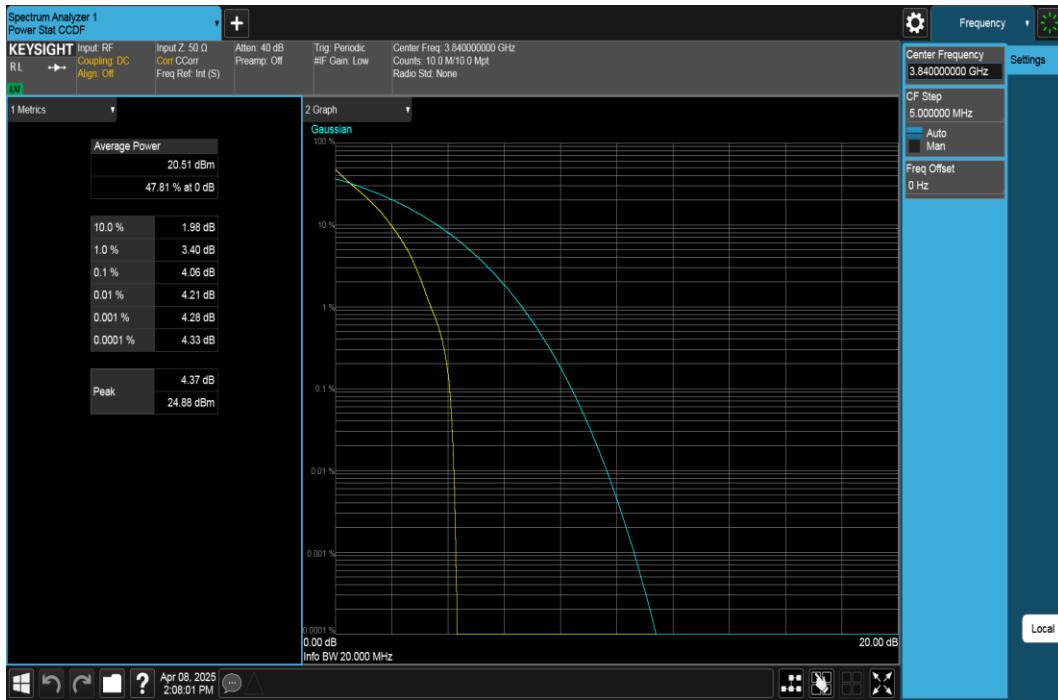
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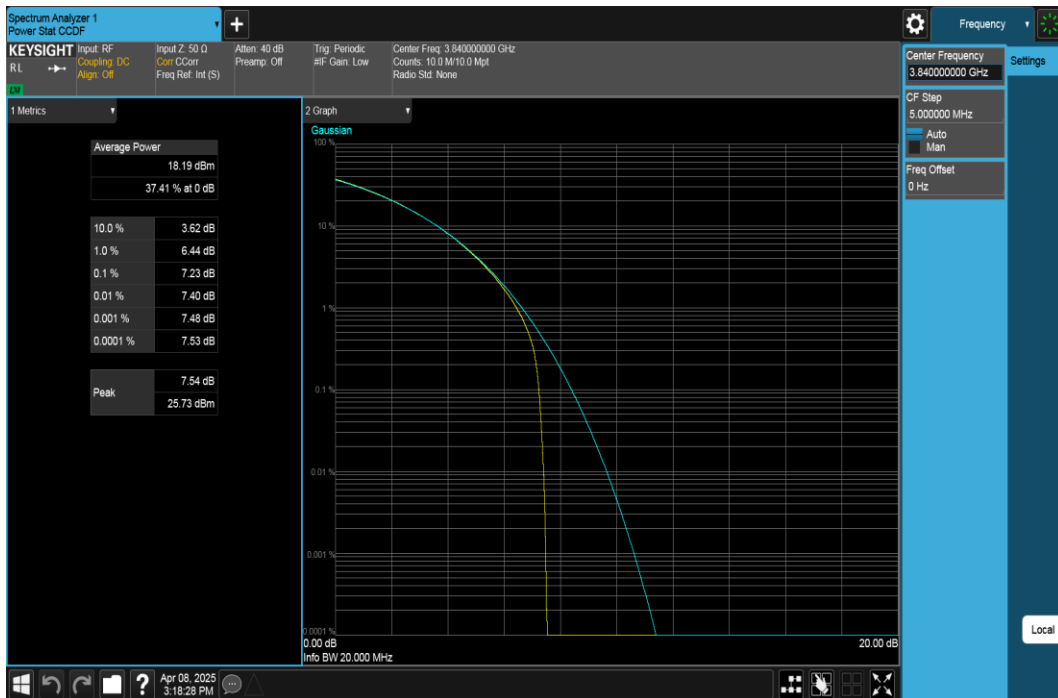
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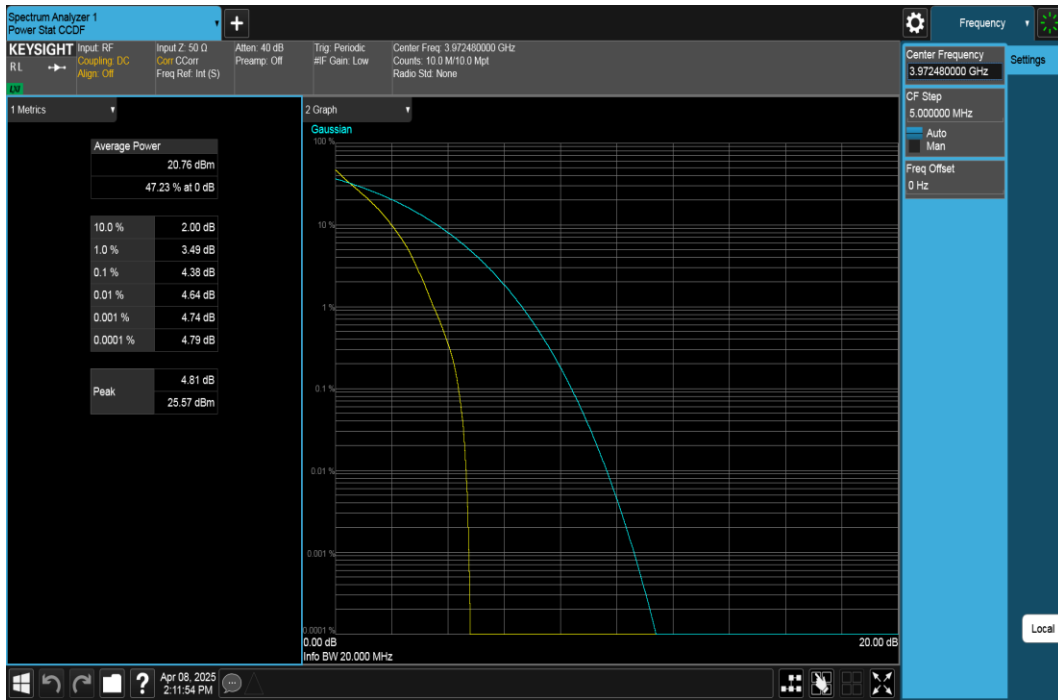
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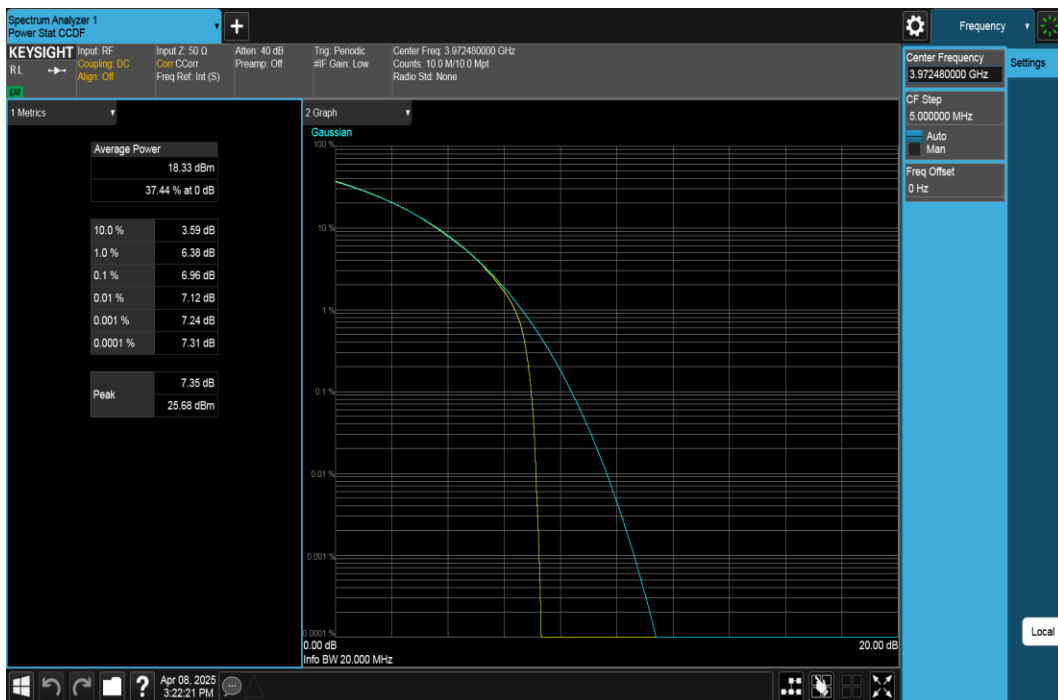
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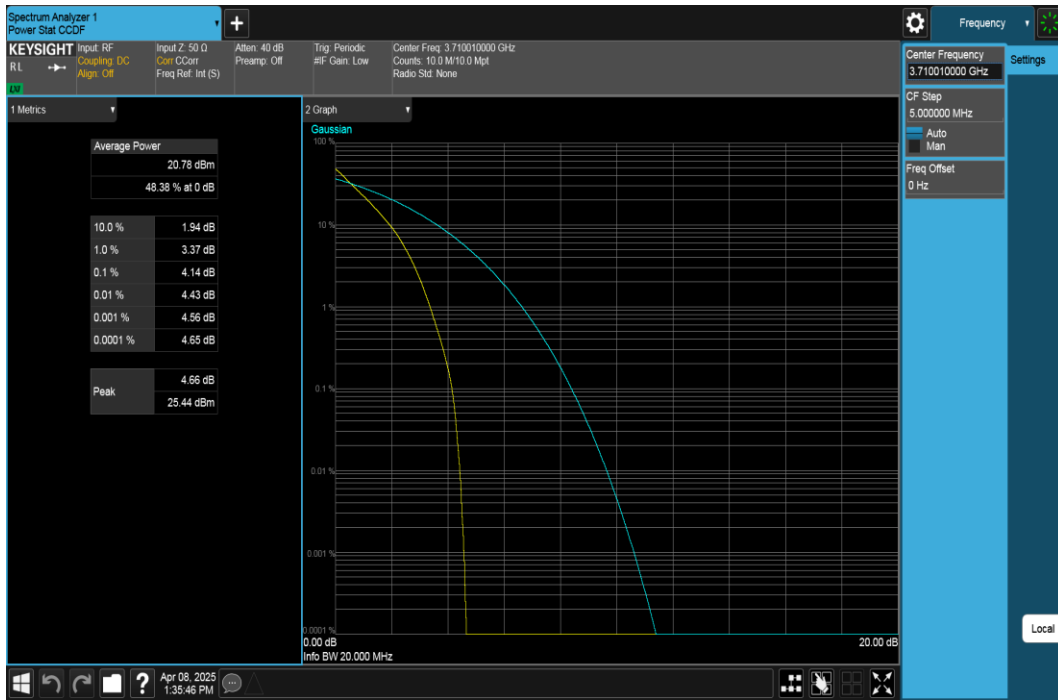
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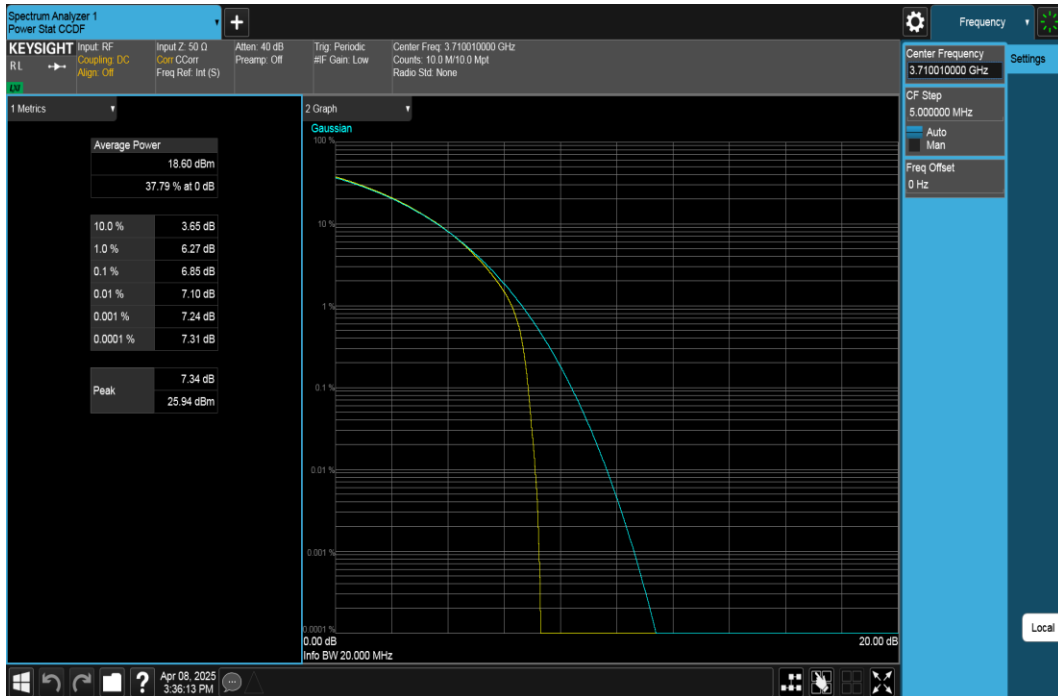
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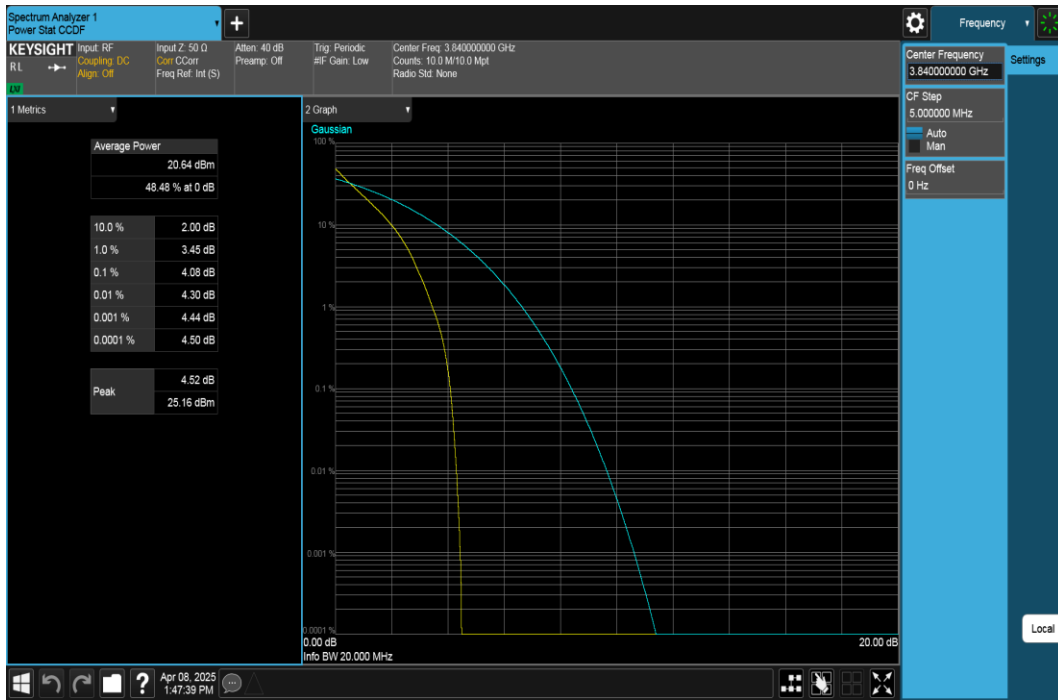
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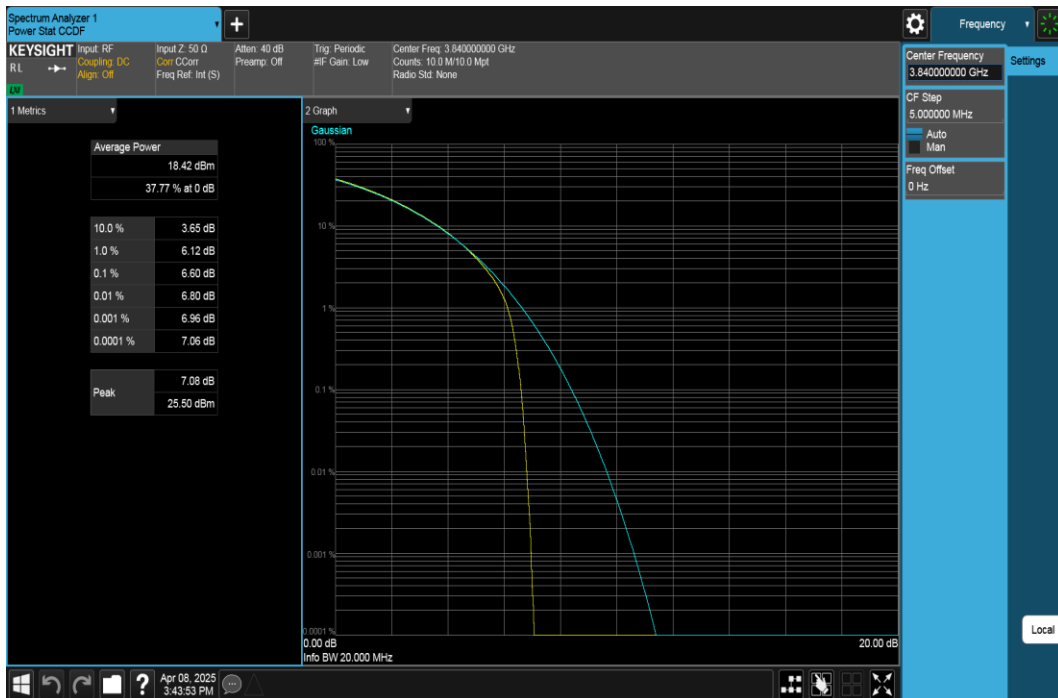
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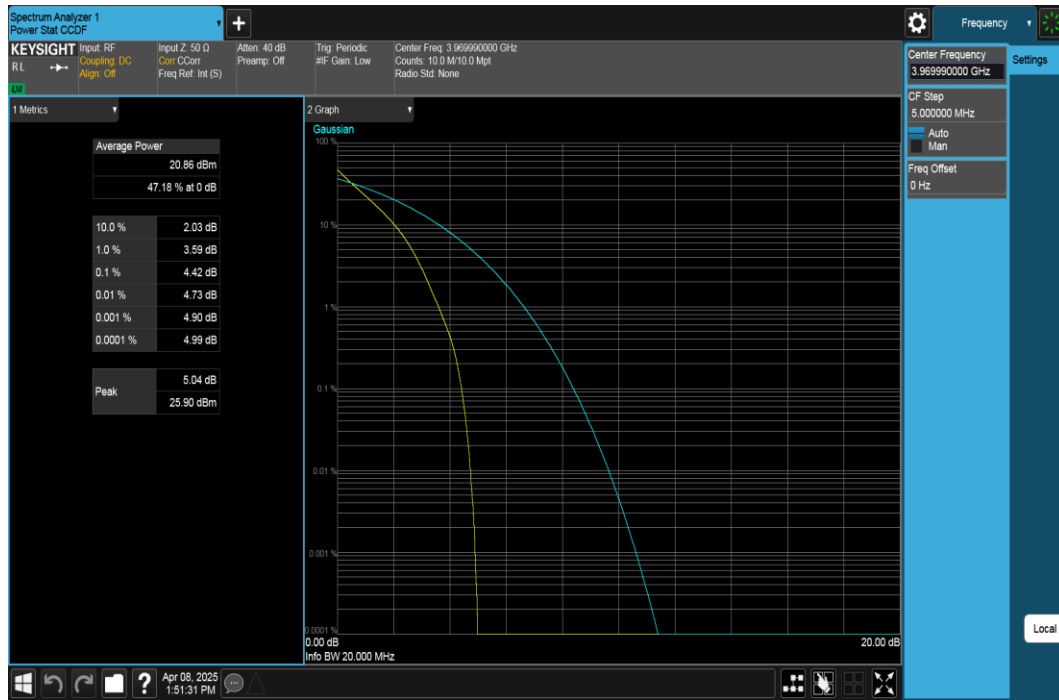
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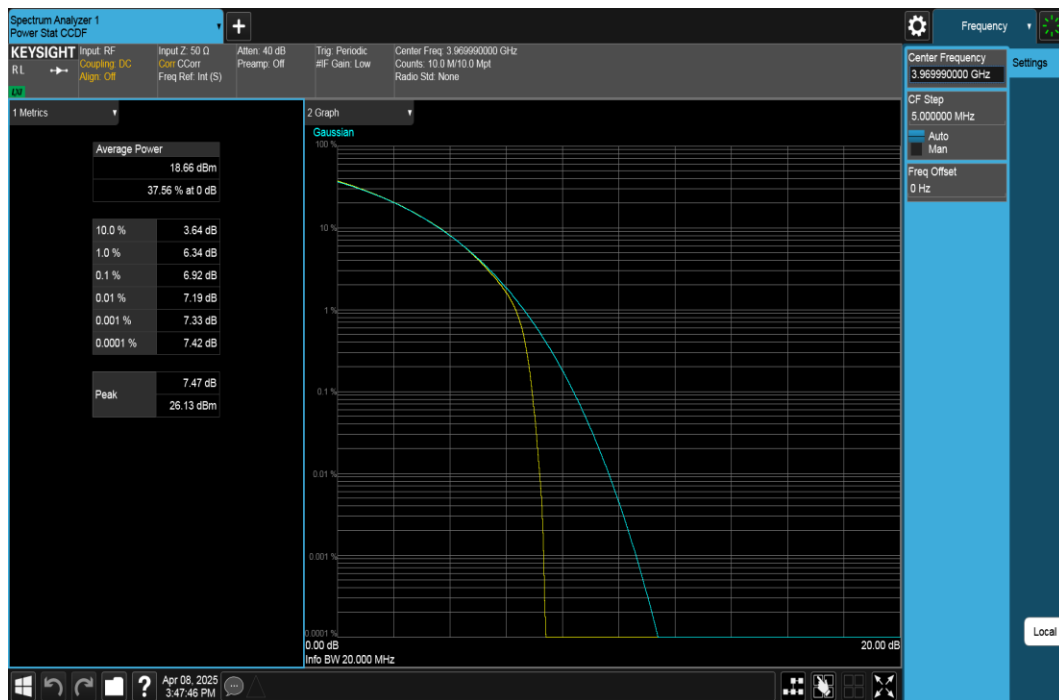
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N77b(3700-3980MHz)-20M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



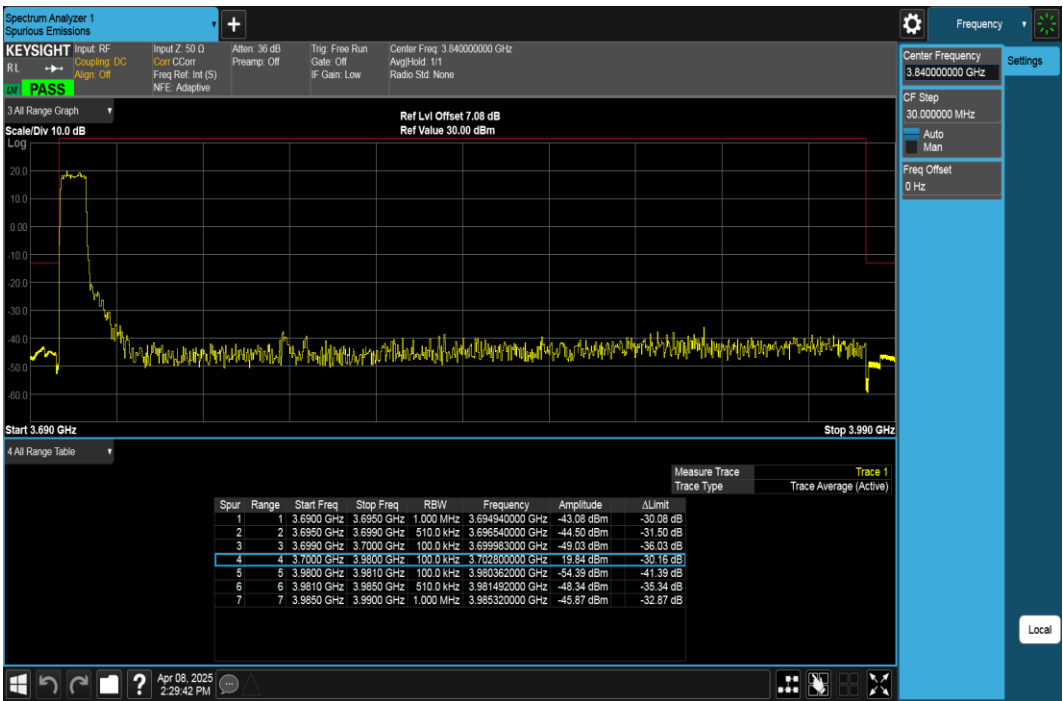
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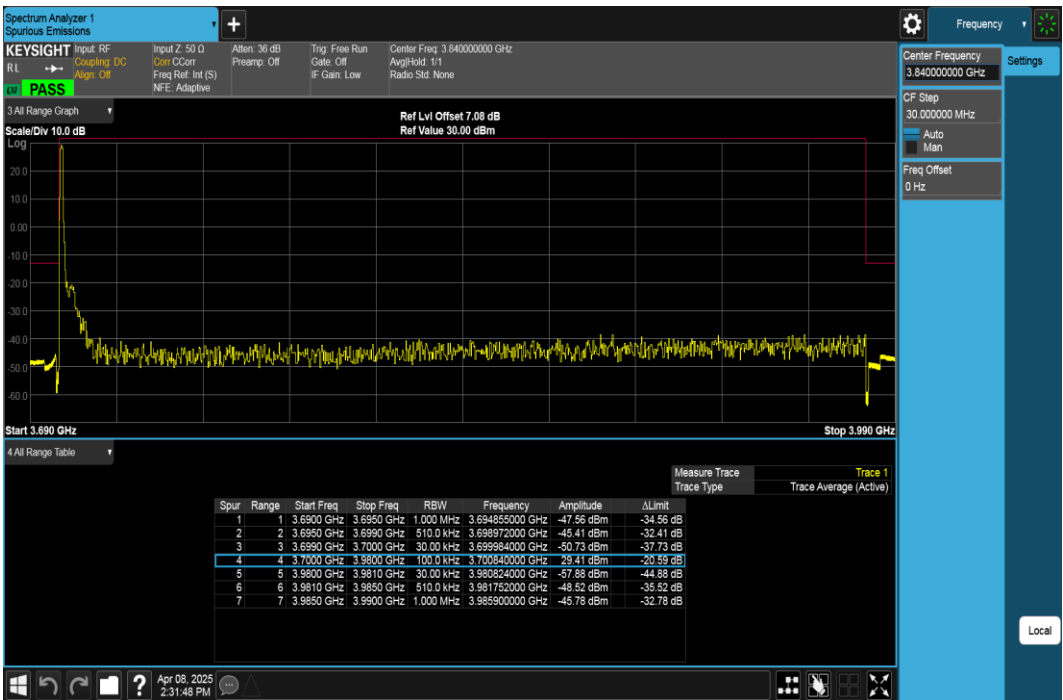
Bandedge

test graph

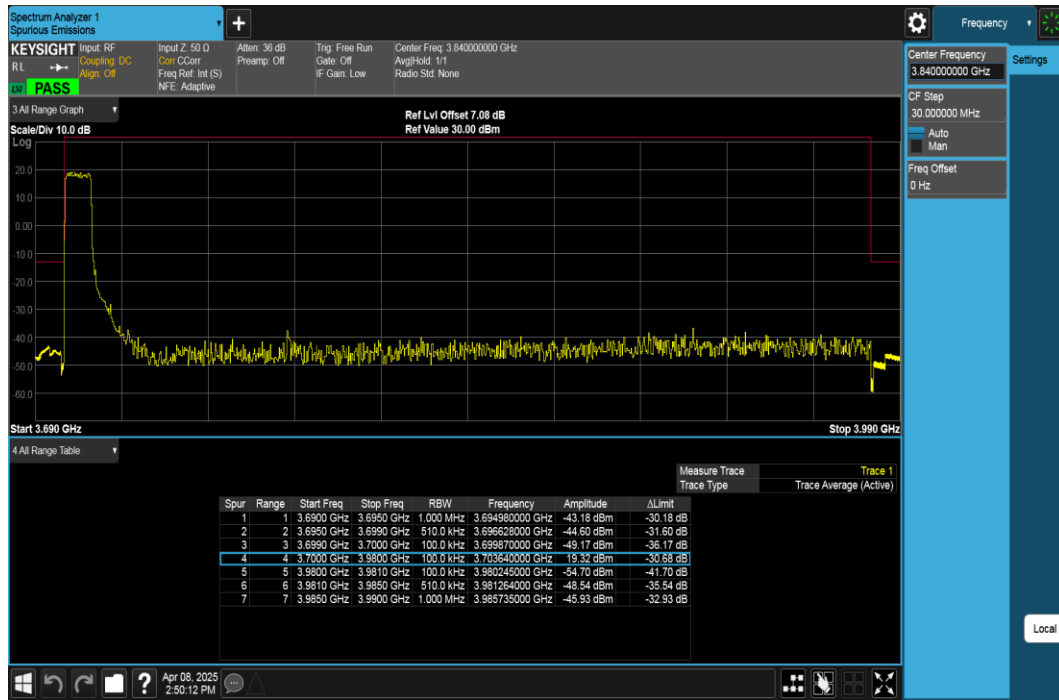
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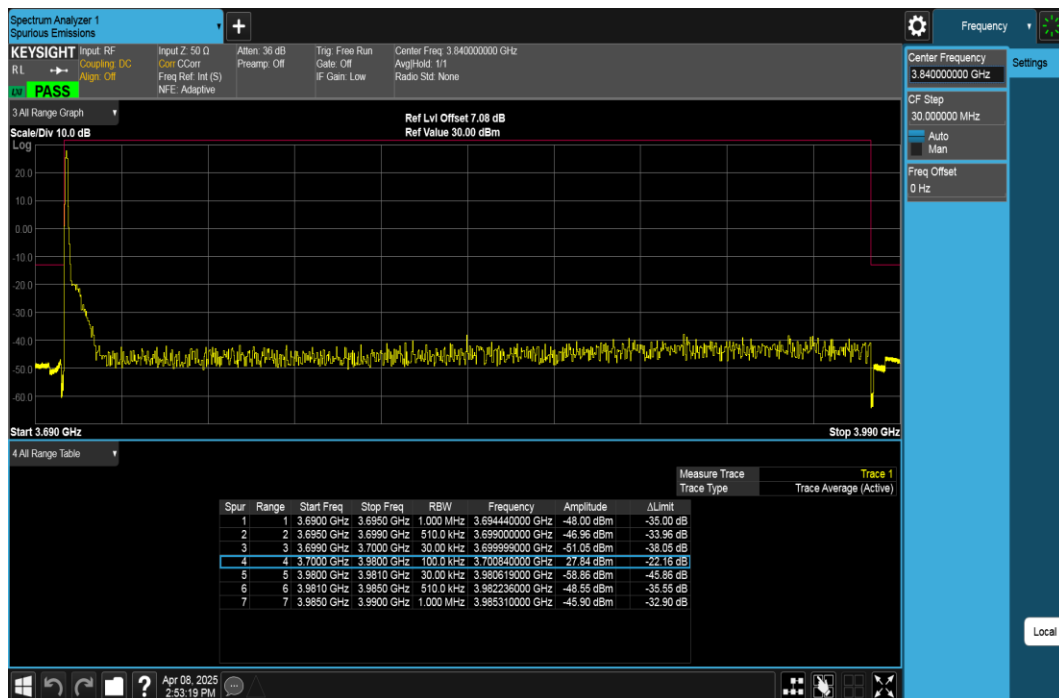
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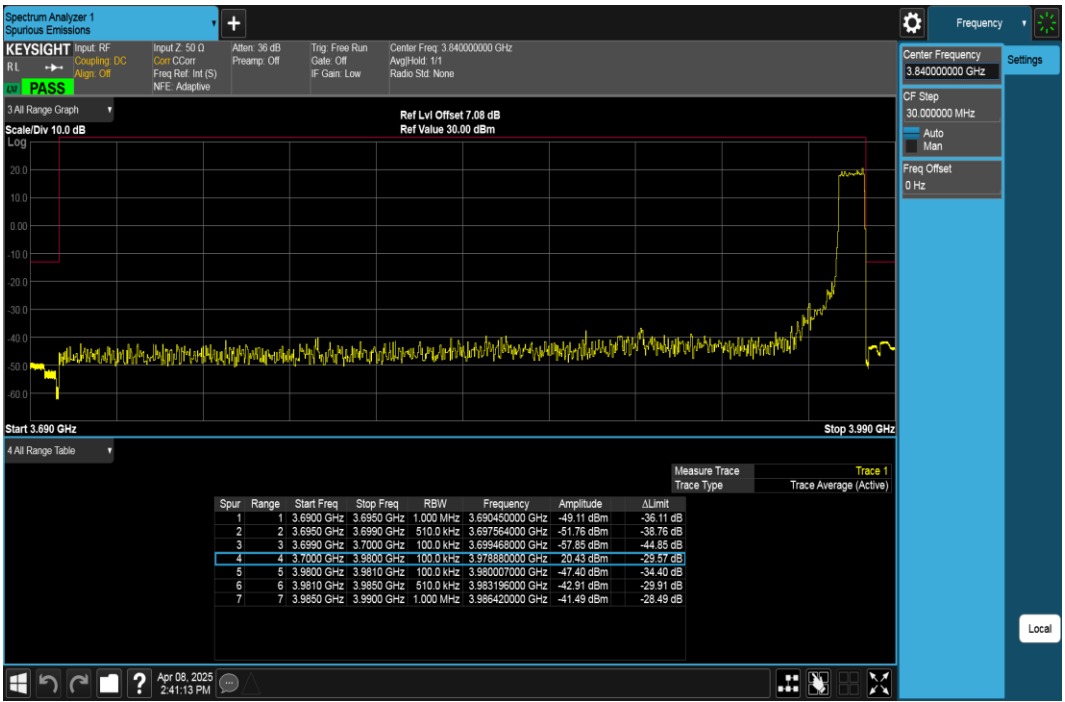
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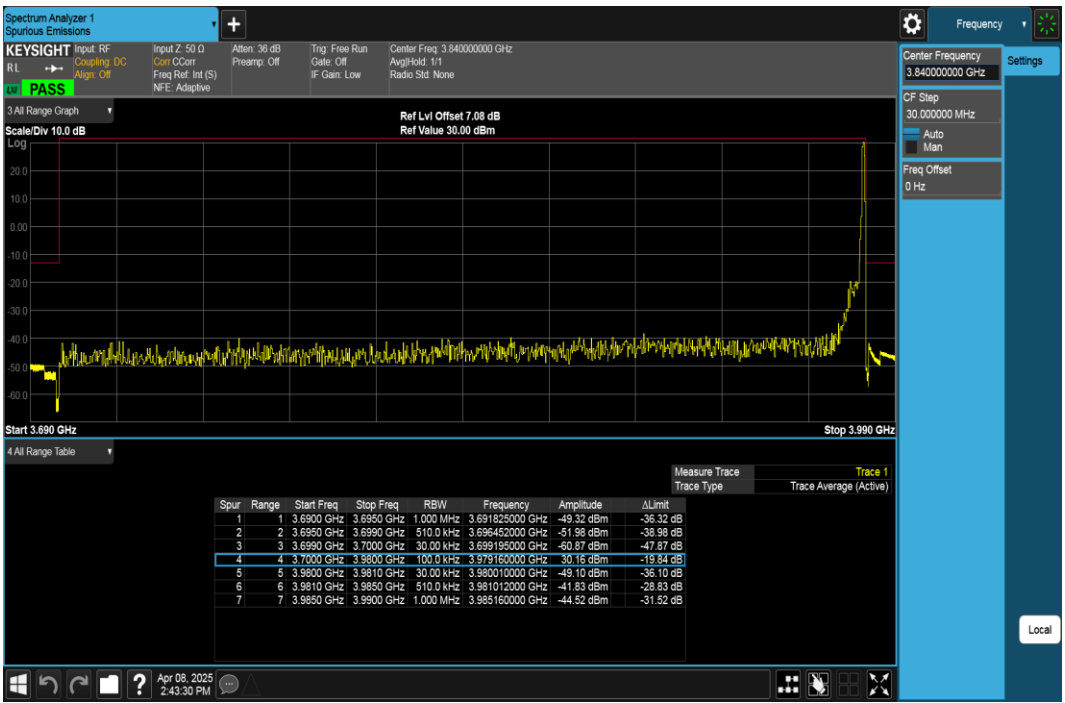
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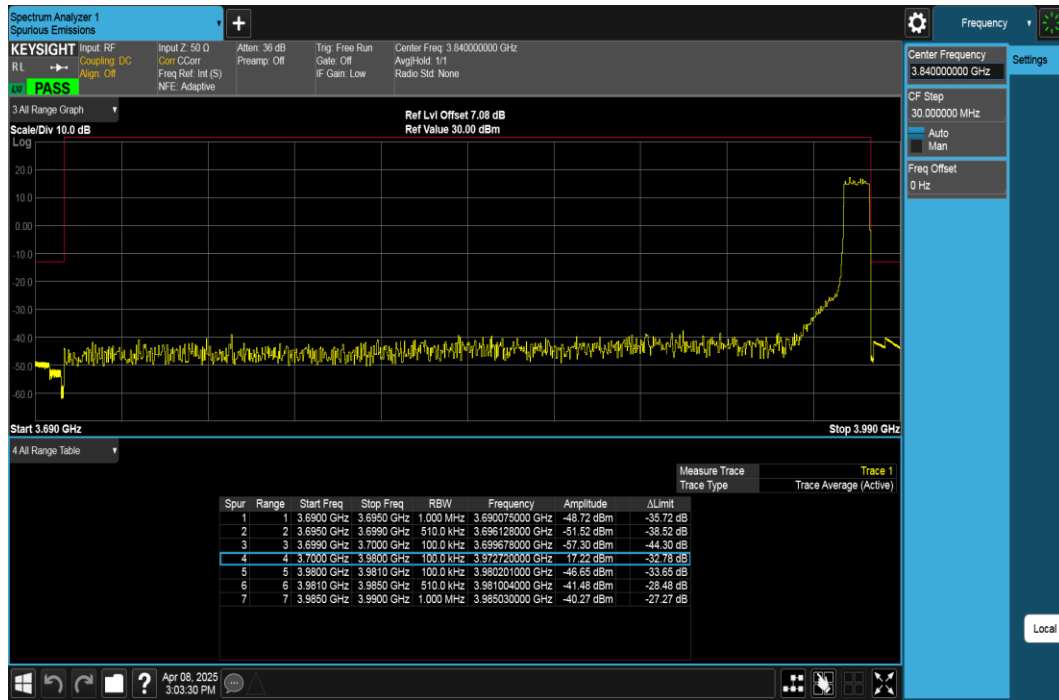
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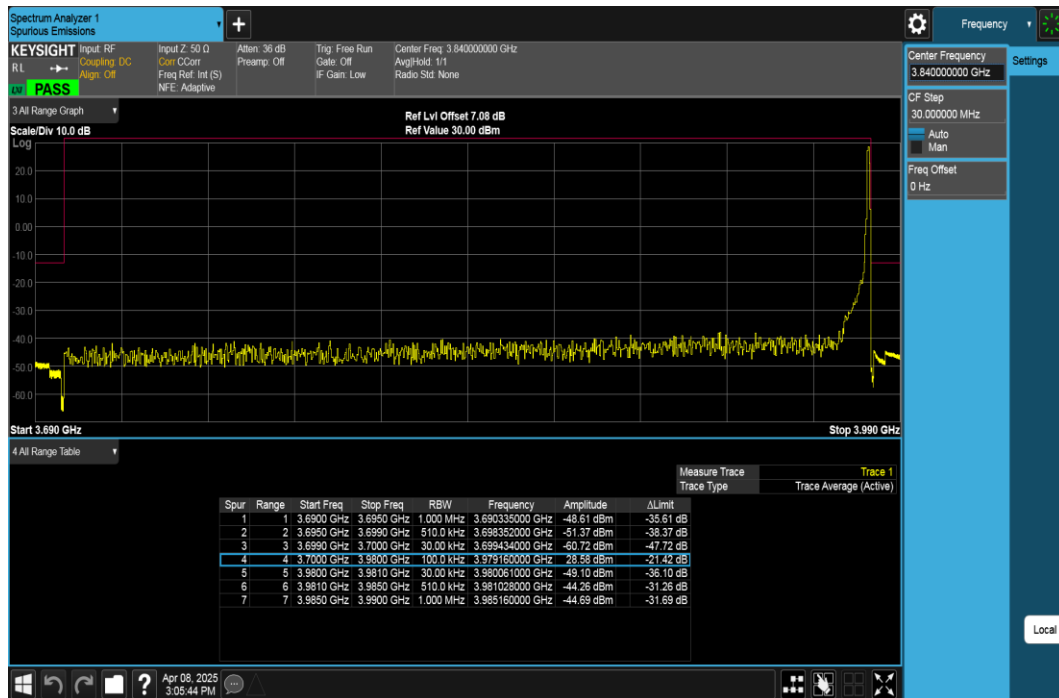
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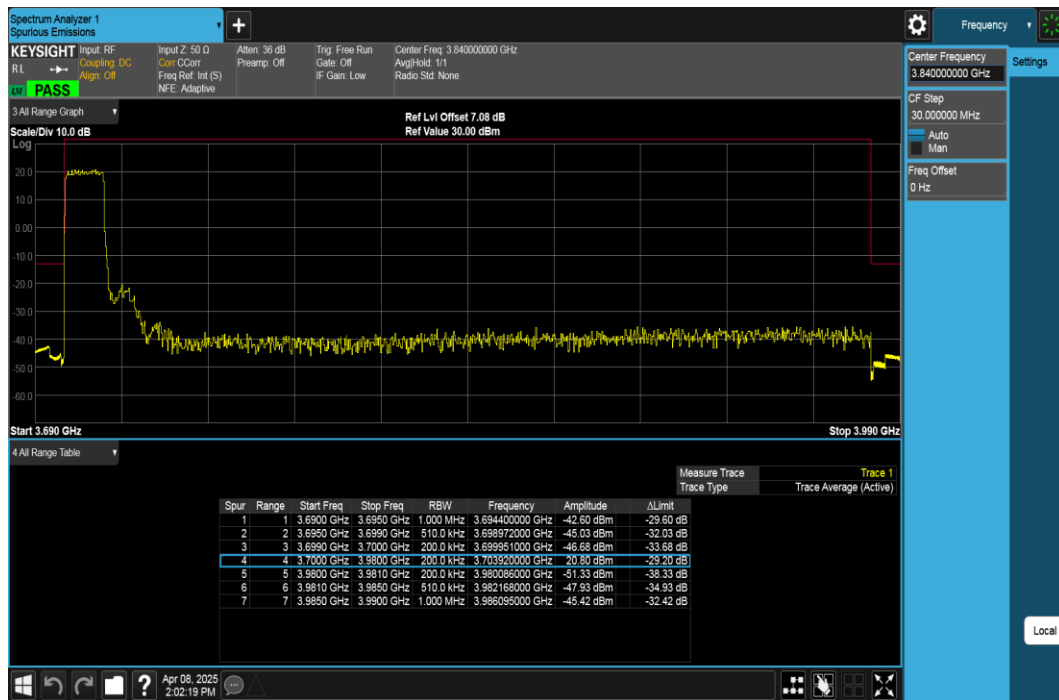
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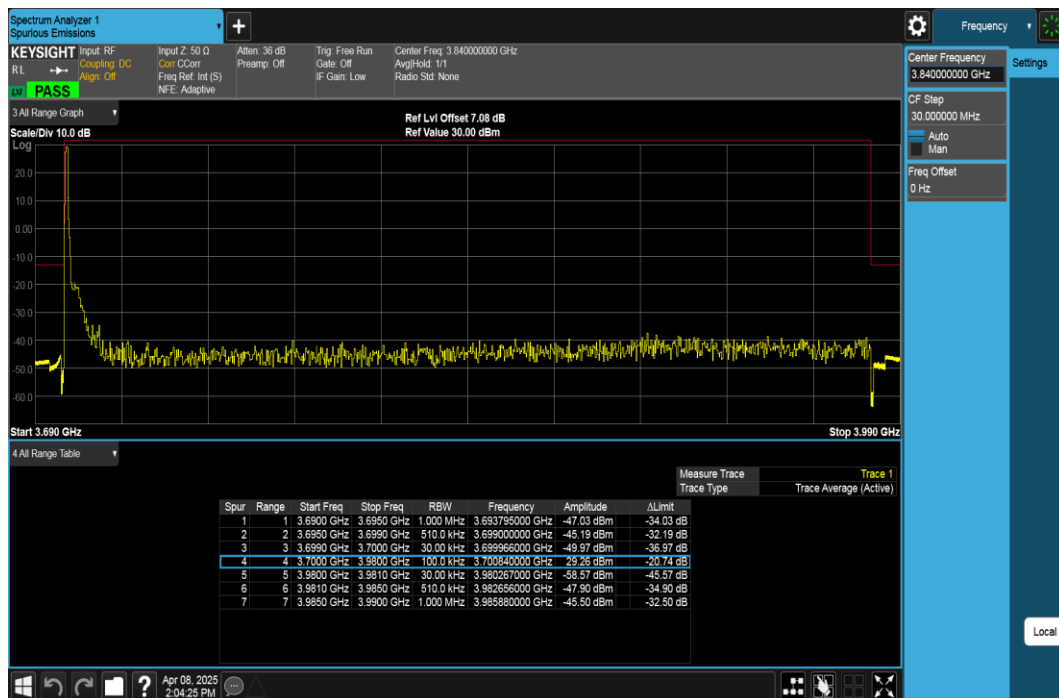
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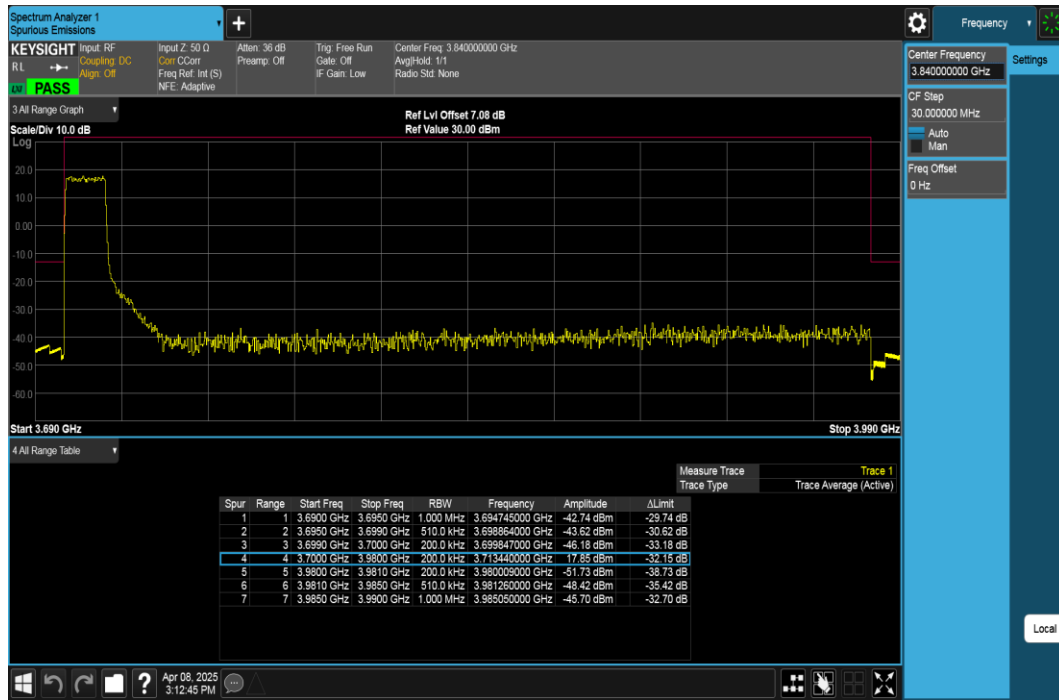
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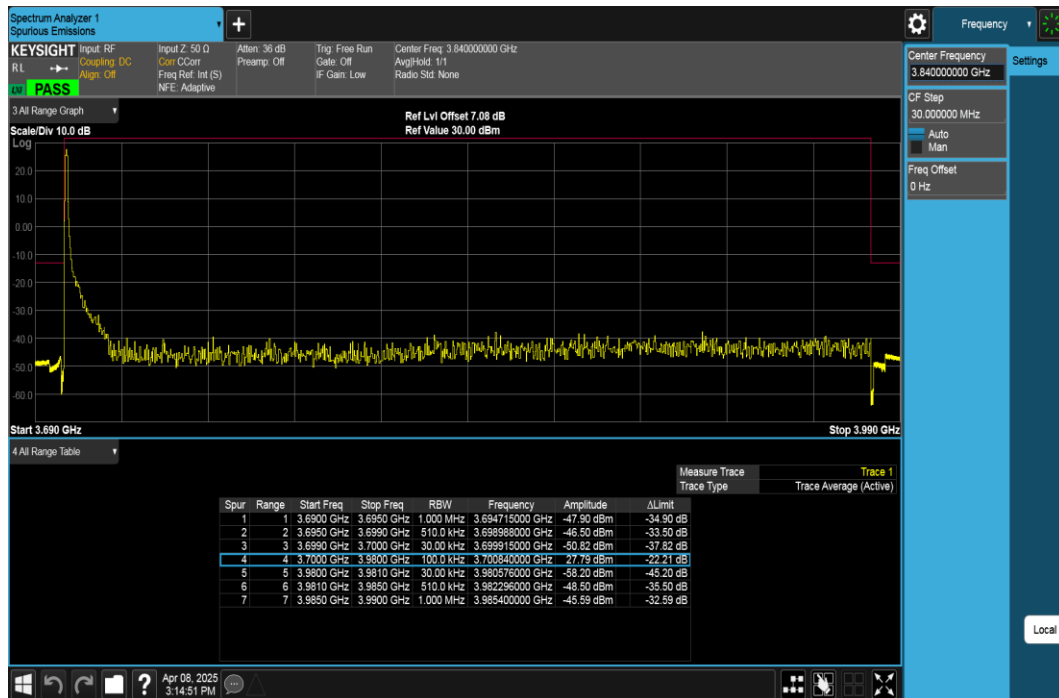
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N77b(3700-3980MHz)-15M-Bandedge-LCH-CP-OFDM-QPSK-Outer_Full



N77b(3700-3980MHz)-15M-Bandedge-LCH-CP-OFDM-QPSK-1RB0



N77b(3700-3980MHz)-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N77b(3700-3980MHz)-15M-Bandedge-HCH-DFT-s-OFDM-Pi2 BPSK-1RB_MAX

