

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	8.6259	9.666	/	Pass
CP-OFDM QPSK		Outer_Full	8.5883	10.01	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	8.6027	9.772	/	Pass
CP-OFDM QPSK		Outer_Full	8.6191	9.884	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.5852	9.688	/	Pass
CP-OFDM QPSK		Outer_Full	8.5989	9.832	/	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	12.973	14.19	/	Pass
CP-OFDM QPSK		Outer_Full	13.64	15.11	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	12.933	14.3	/	Pass
CP-OFDM QPSK		Outer_Full	13.609	14.92	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	12.965	14.45	/	Pass
CP-OFDM QPSK		Outer_Full	13.683	15.5	/	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	17.819	19.17	/	Pass
CP-OFDM QPSK		Outer_Full	18.262	19.92	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	17.883	19.39	/	Pass
CP-OFDM QPSK		Outer_Full	18.306	20.17	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.867	19.19	/	Pass
CP-OFDM QPSK		Outer_Full	18.307	19.84	/	Pass

Peak-Average Ratio

Test Result

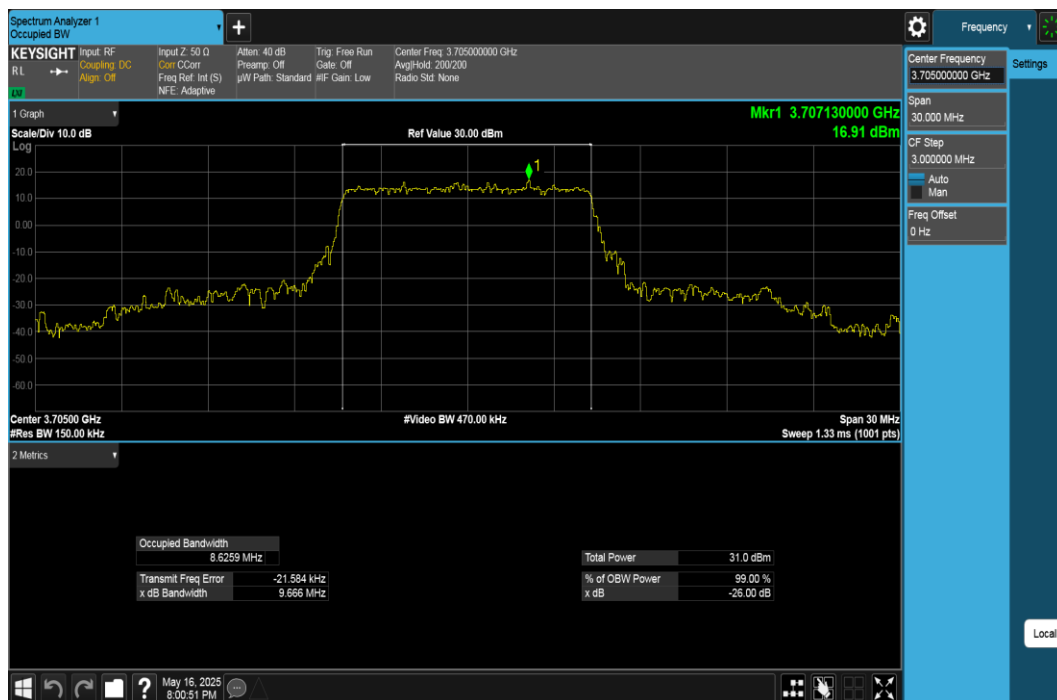
5G NR N77b(3700-3980MHz) SCS=30kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.64	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.31	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.93	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.63	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.46	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.74	<=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	3.64	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.34	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.87	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.58	<=13	Pass
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CP-OFDM QPSK		Outer_Full	7.37	<=13	Pass

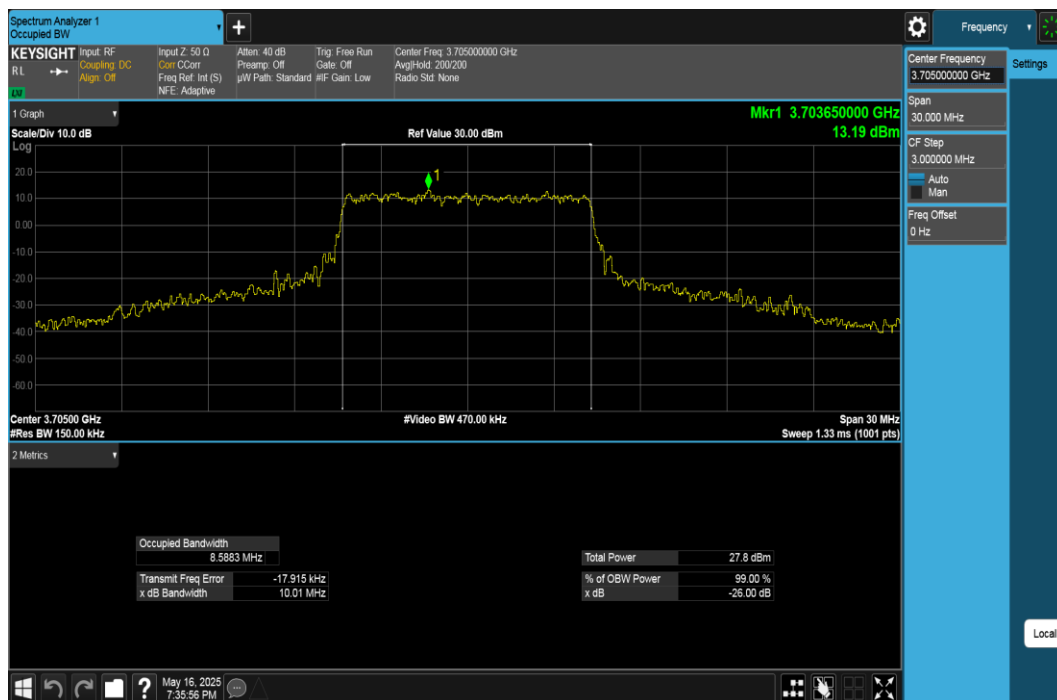
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Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.68	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.52	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	3.75	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.64	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.36	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.34	<=13	Pass

OBW test graph

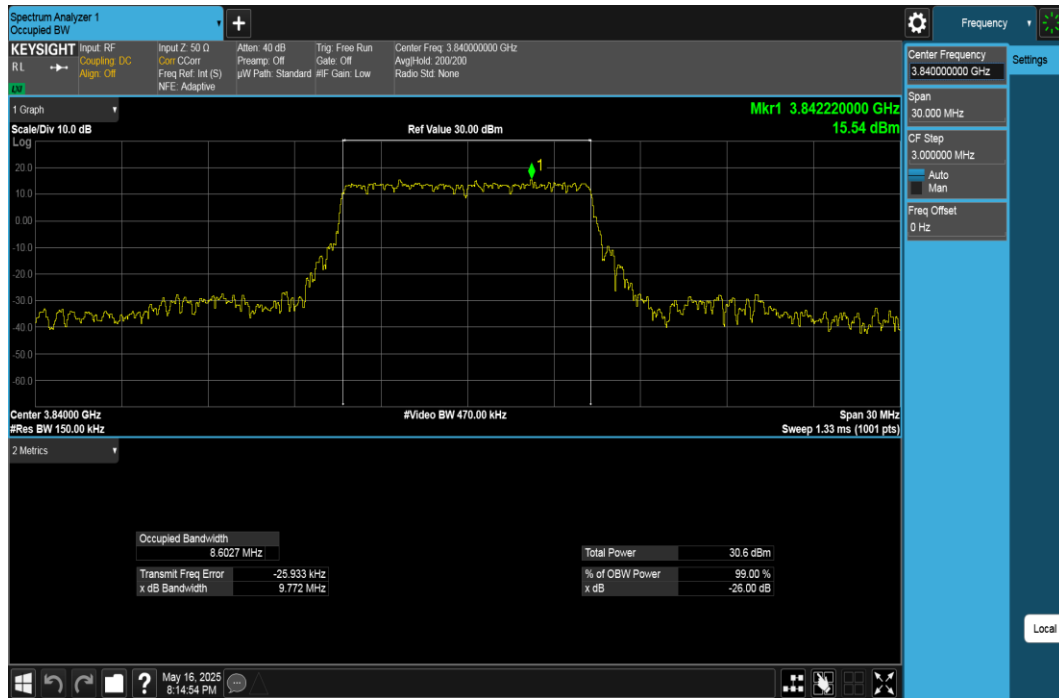
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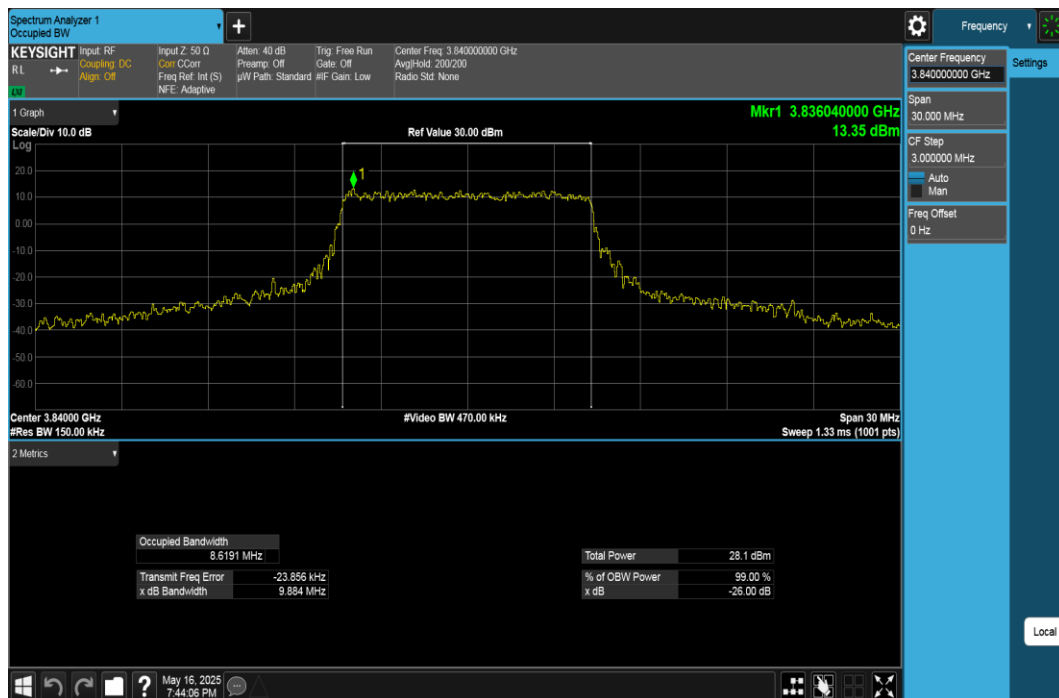
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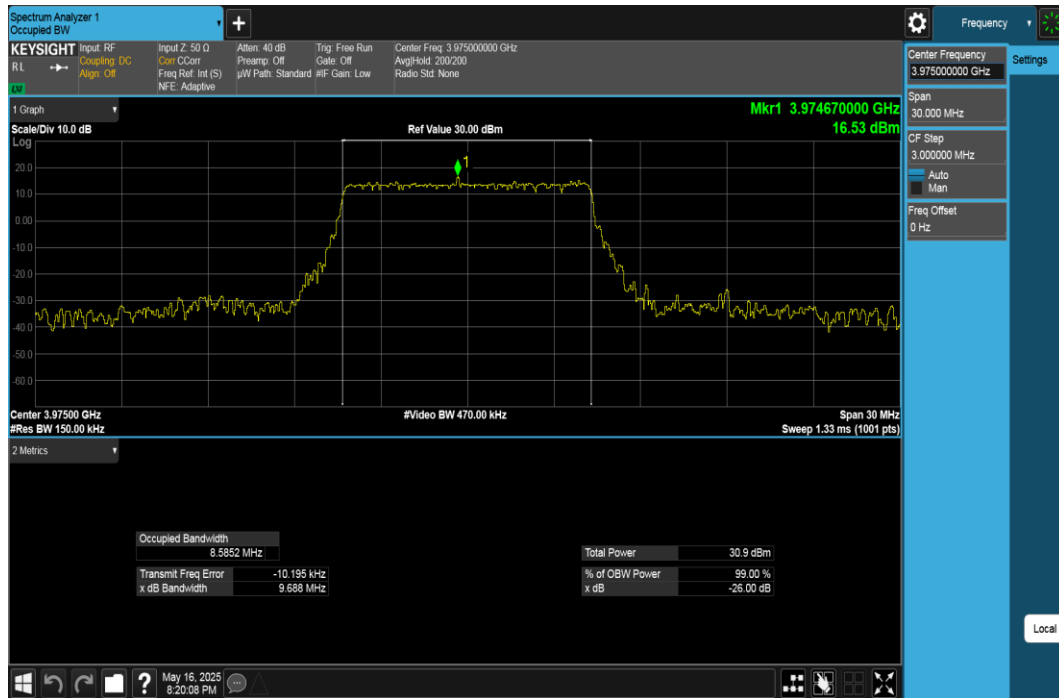
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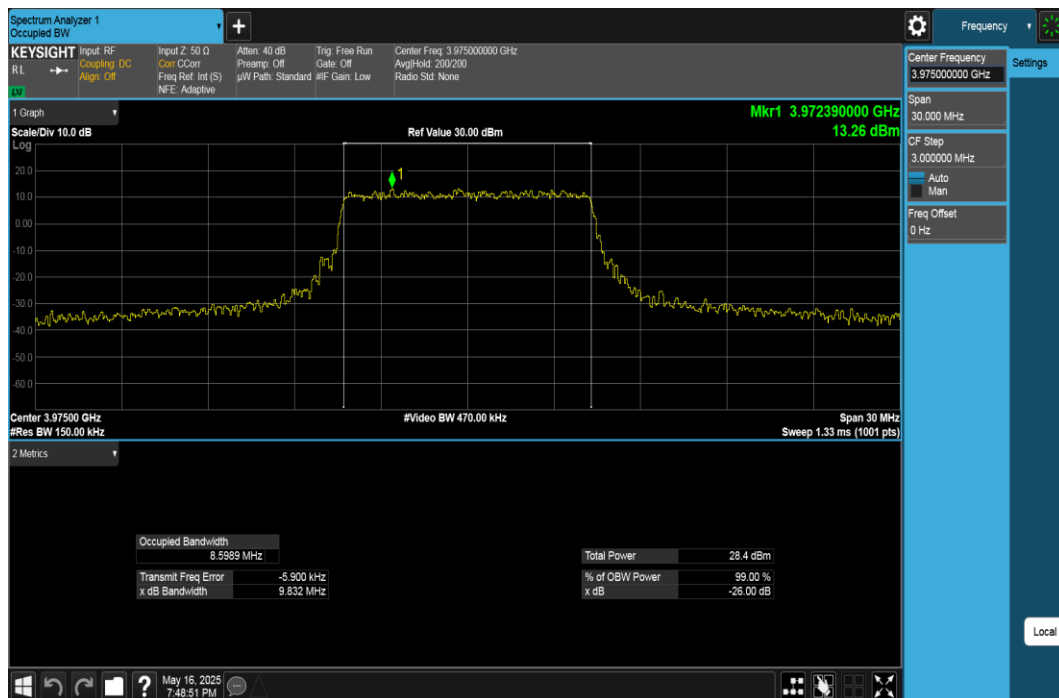
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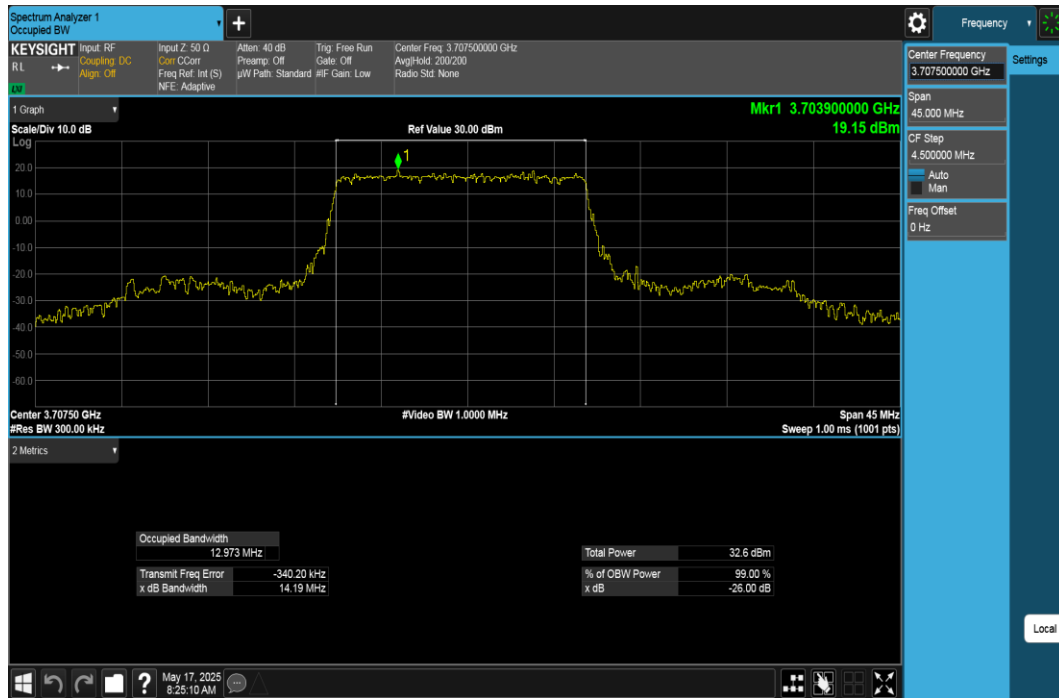
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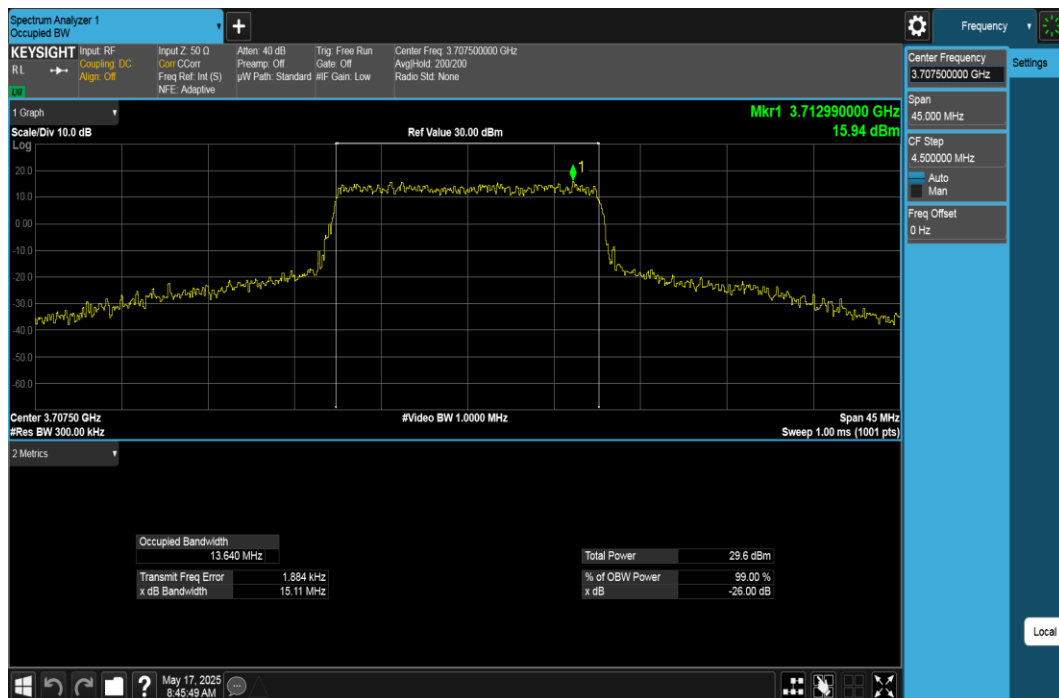
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N77b(3700-3980MHz)-15M-OBW-LCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



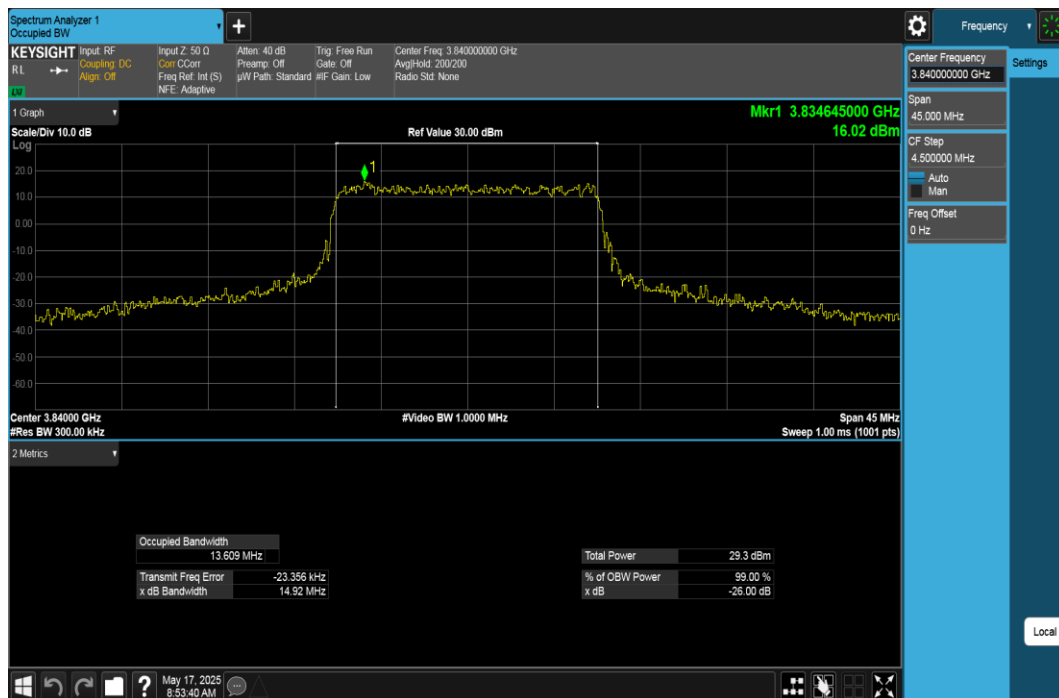
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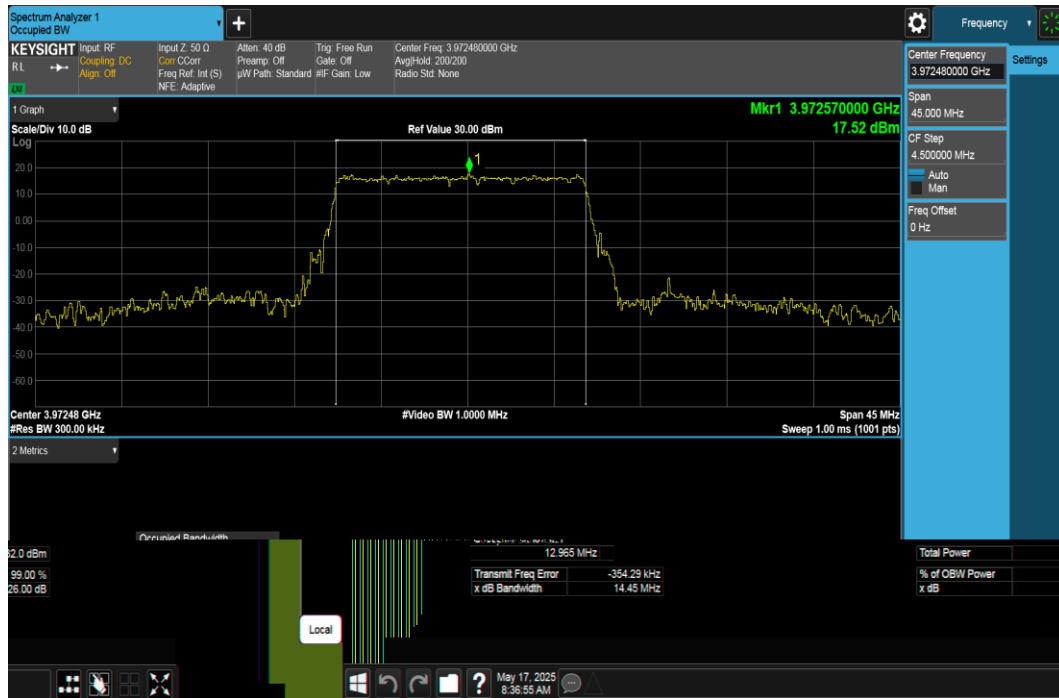
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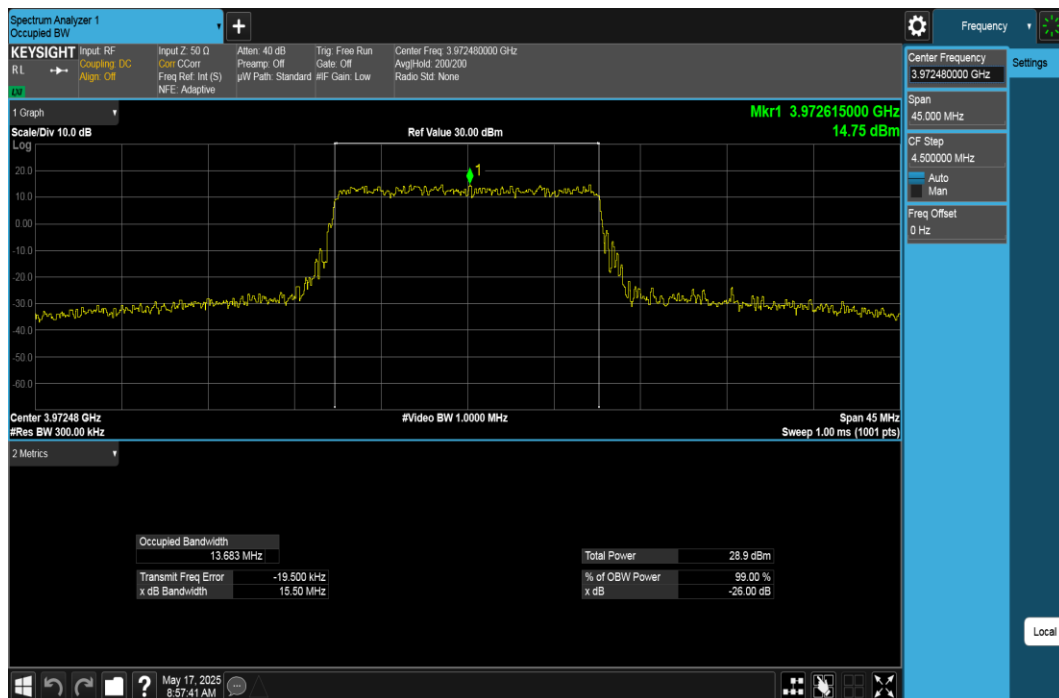
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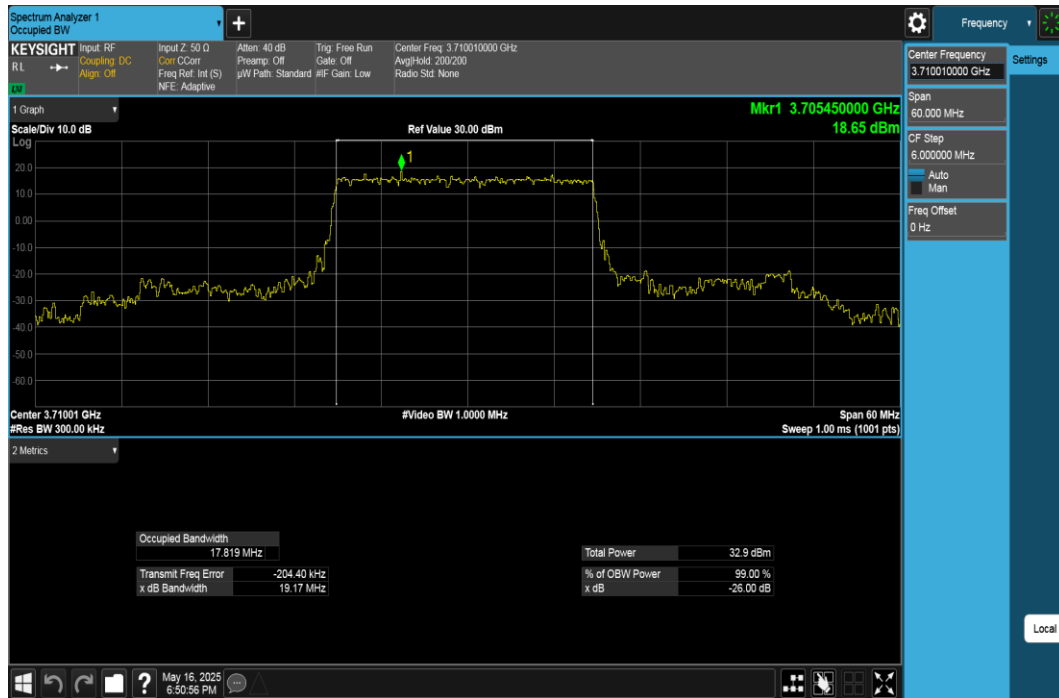
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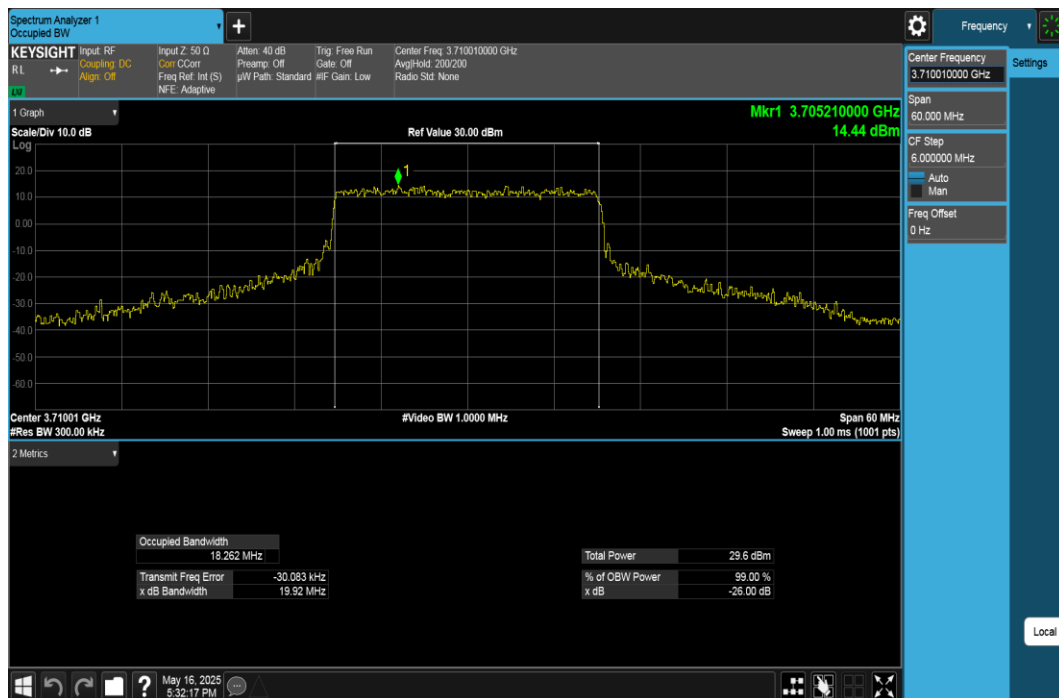
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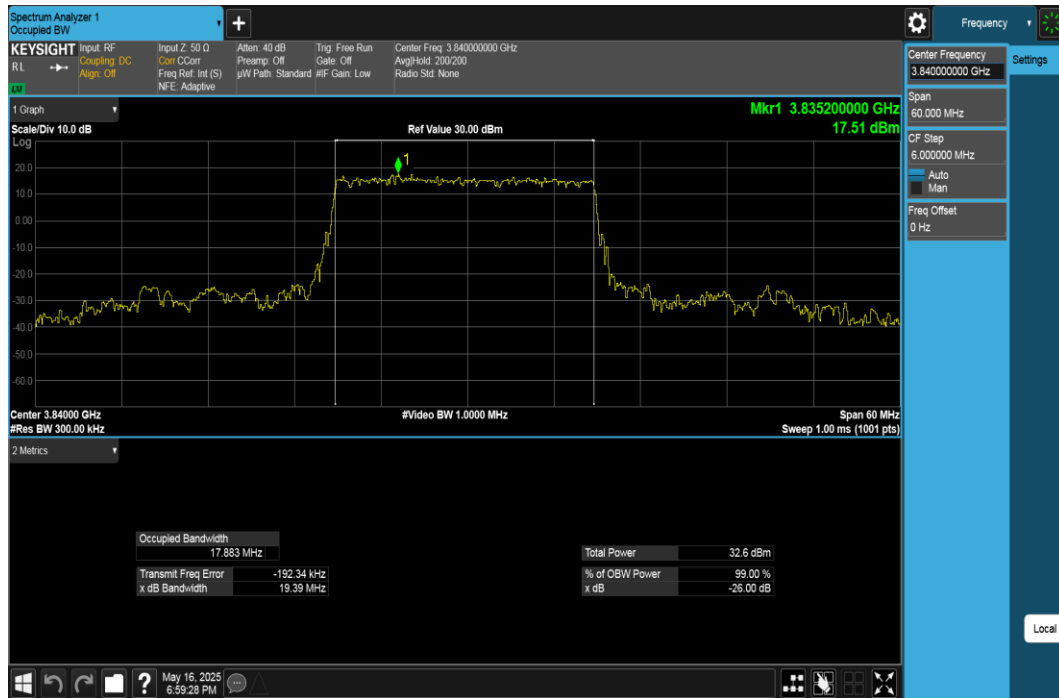
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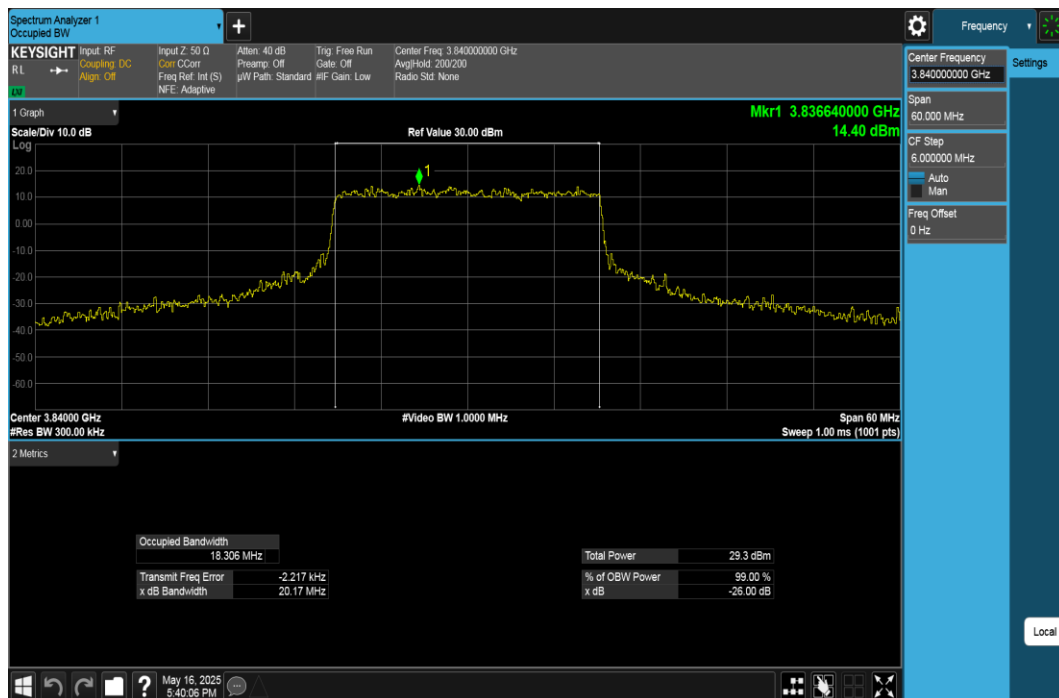
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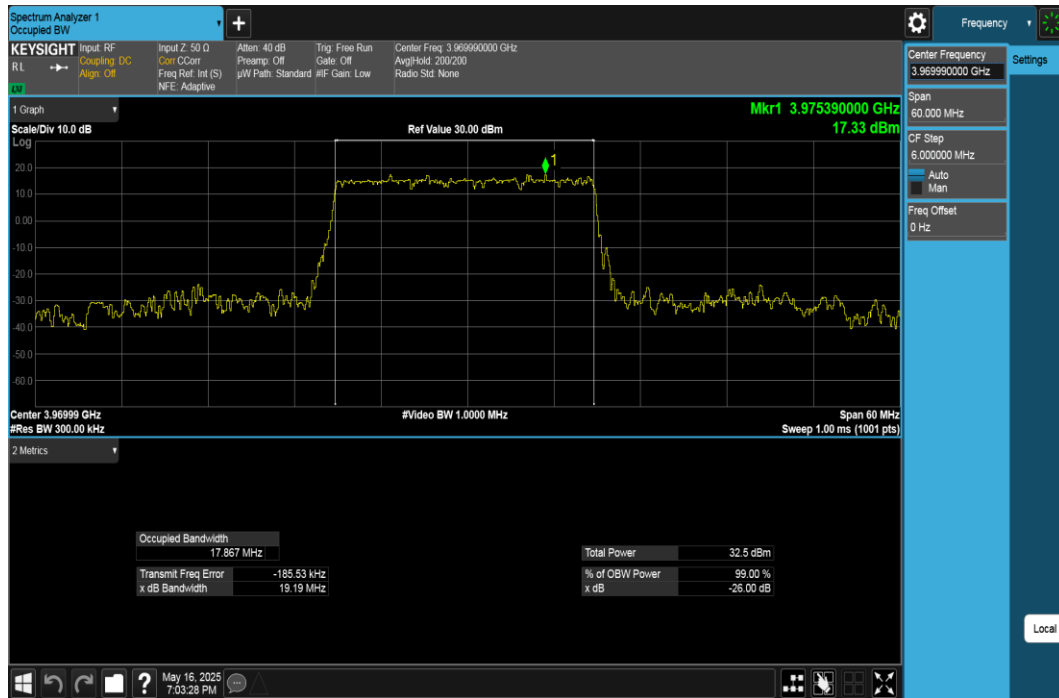
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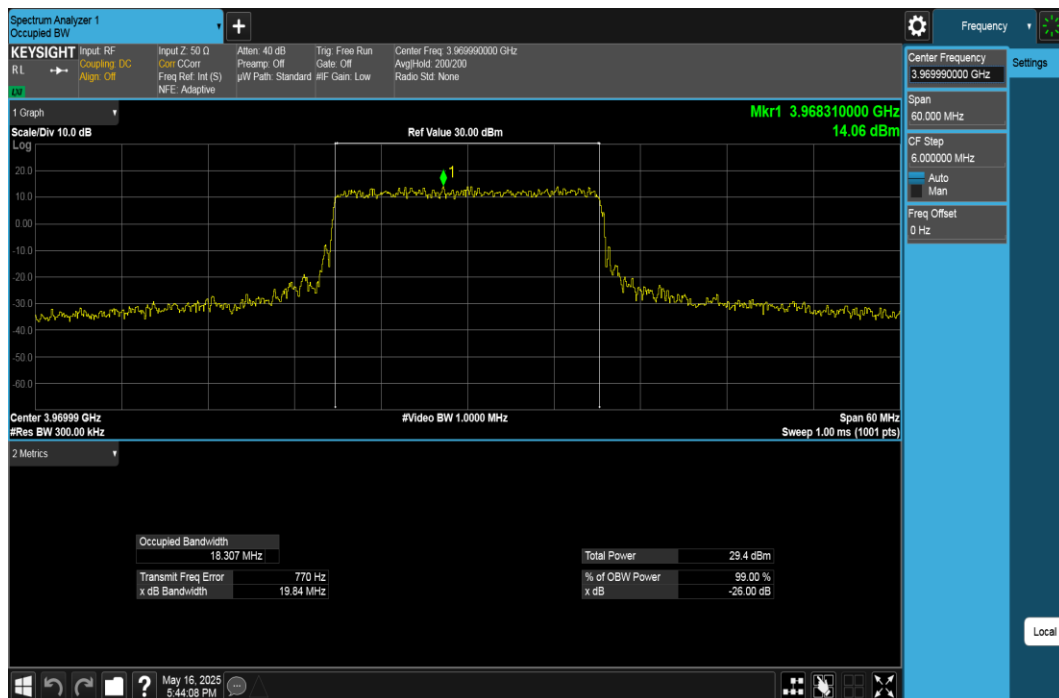
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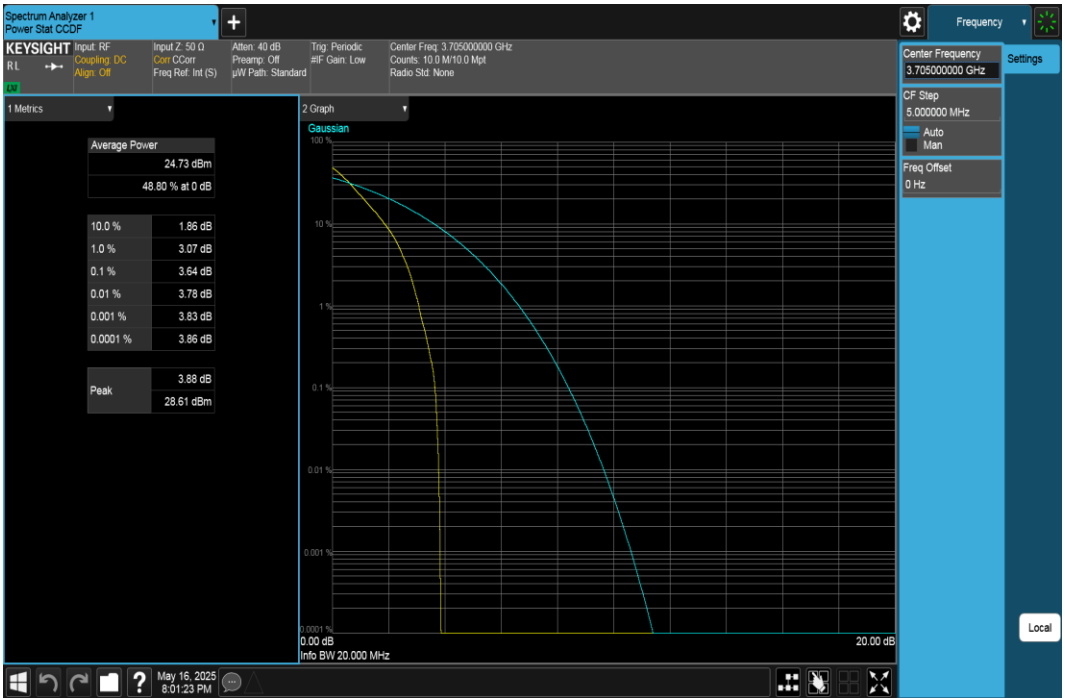


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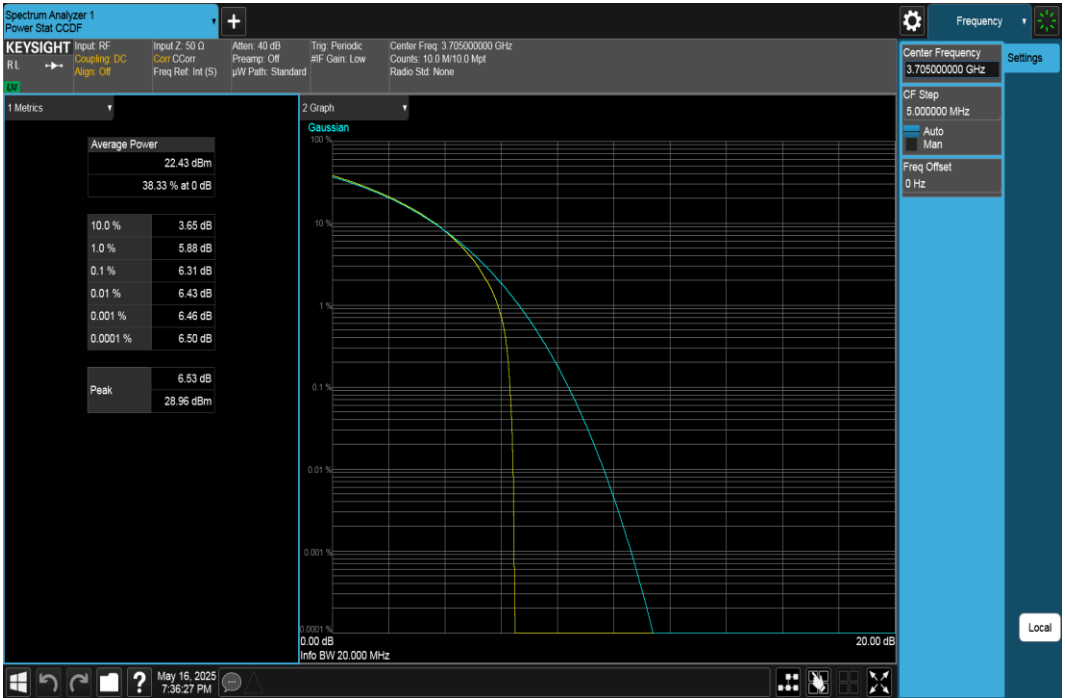


PAPR test graph

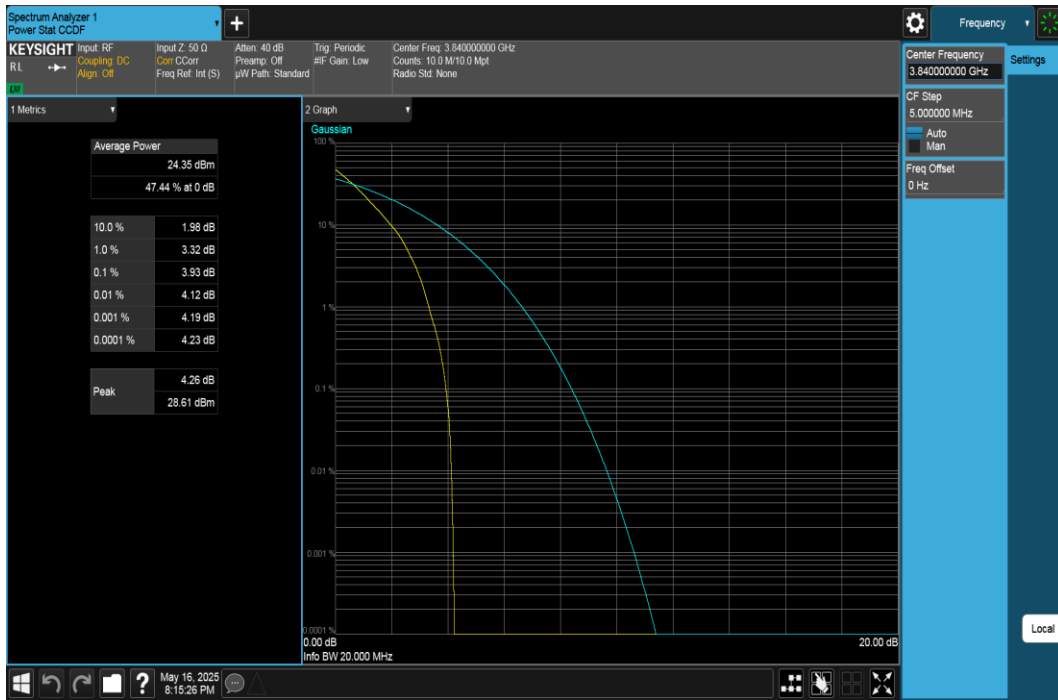
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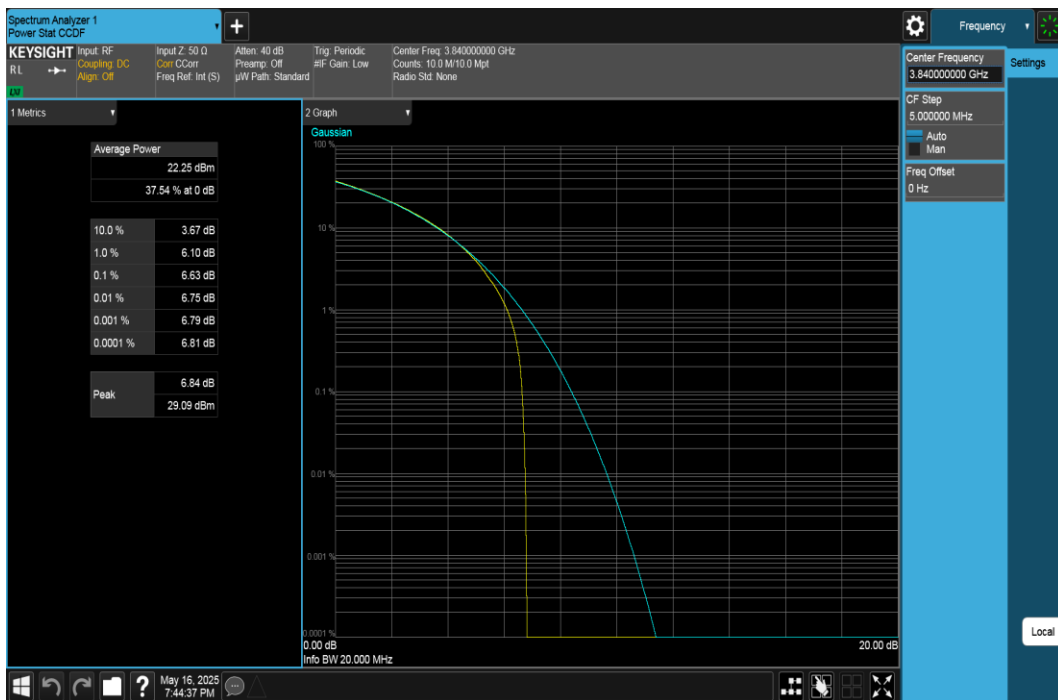
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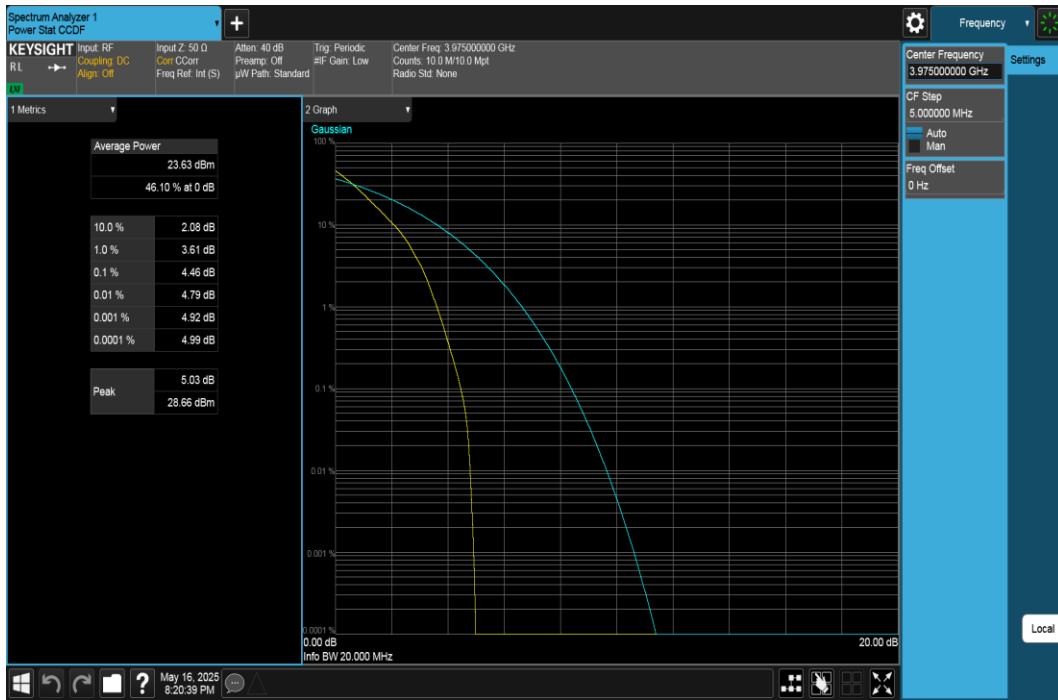
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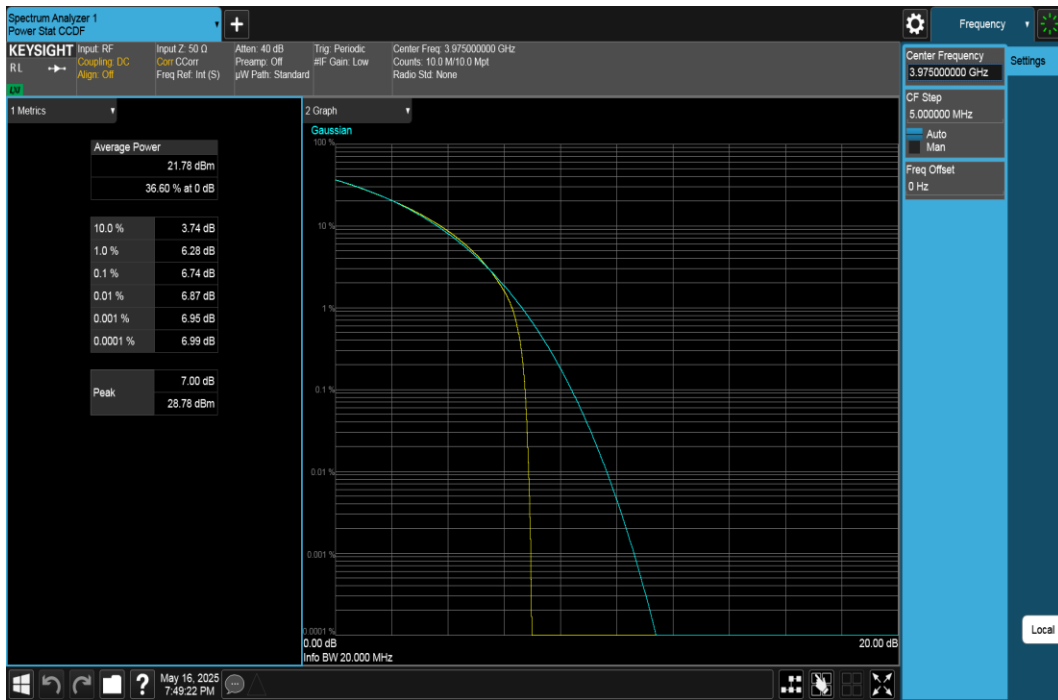
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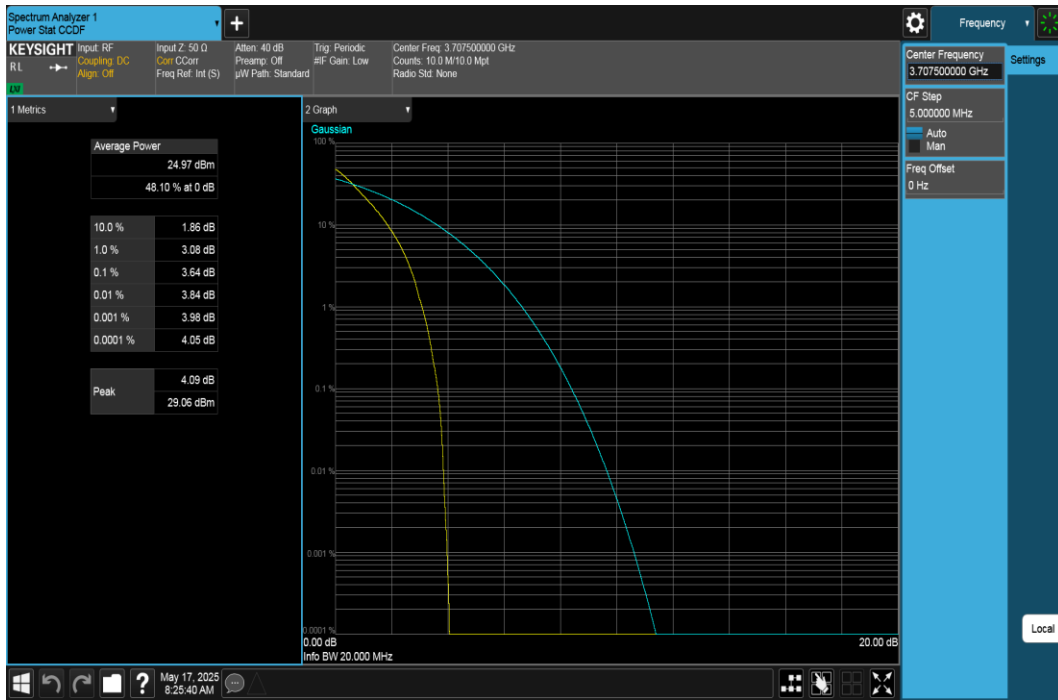
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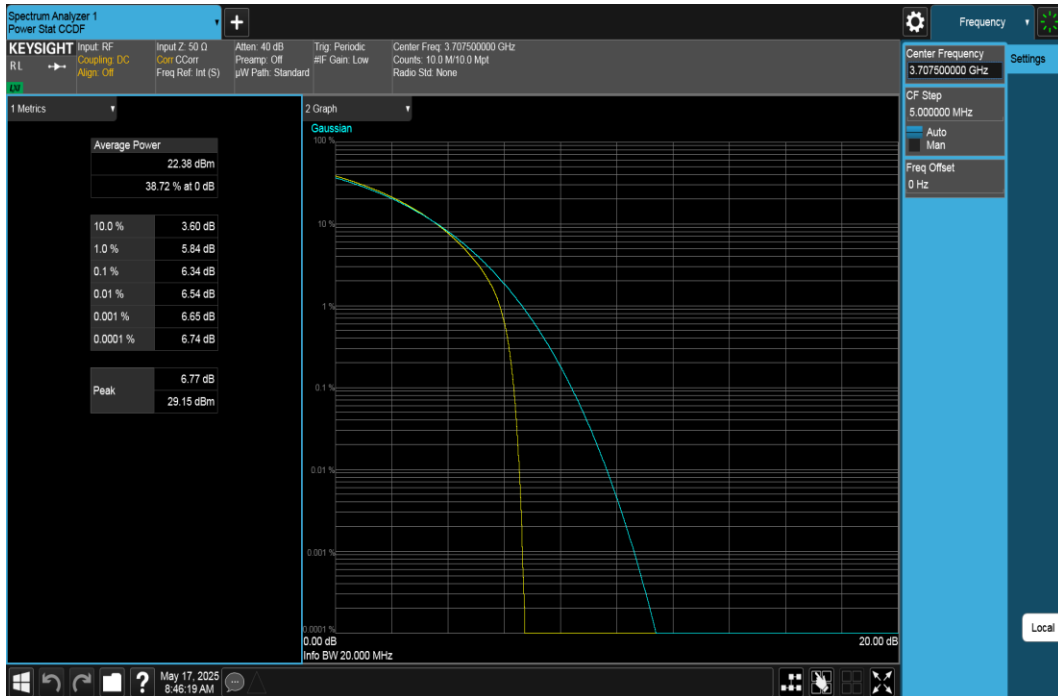
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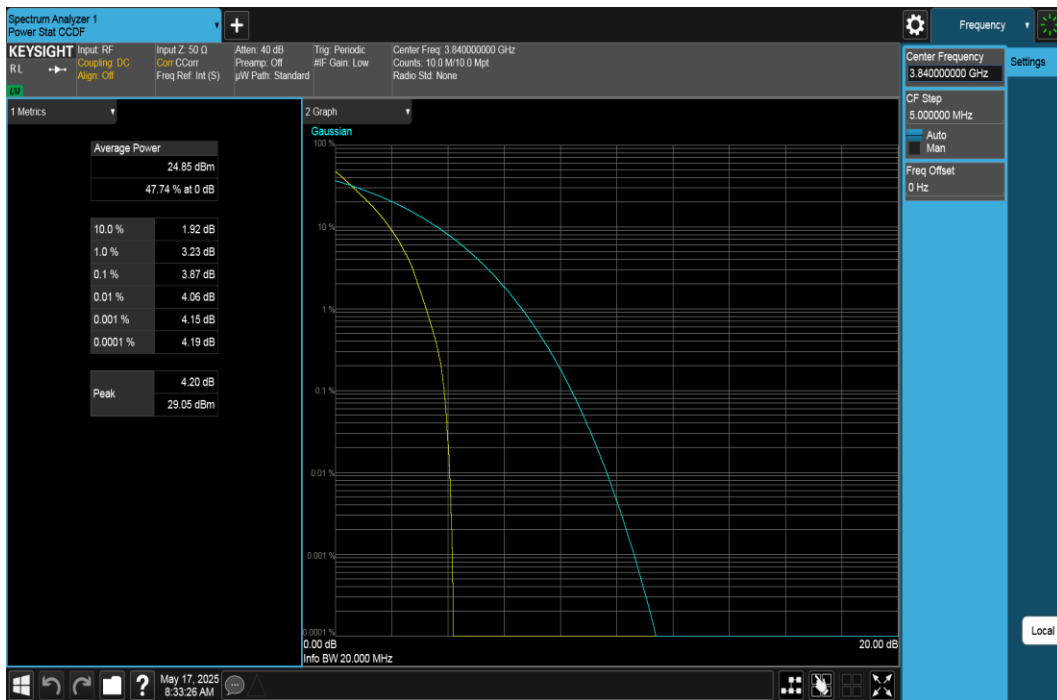
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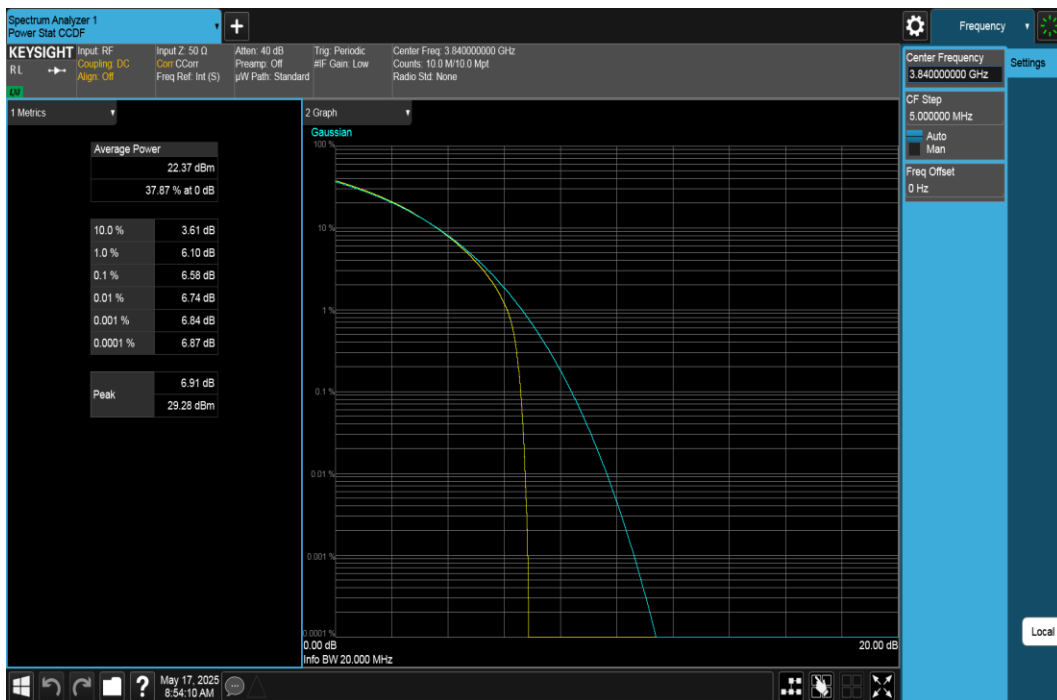
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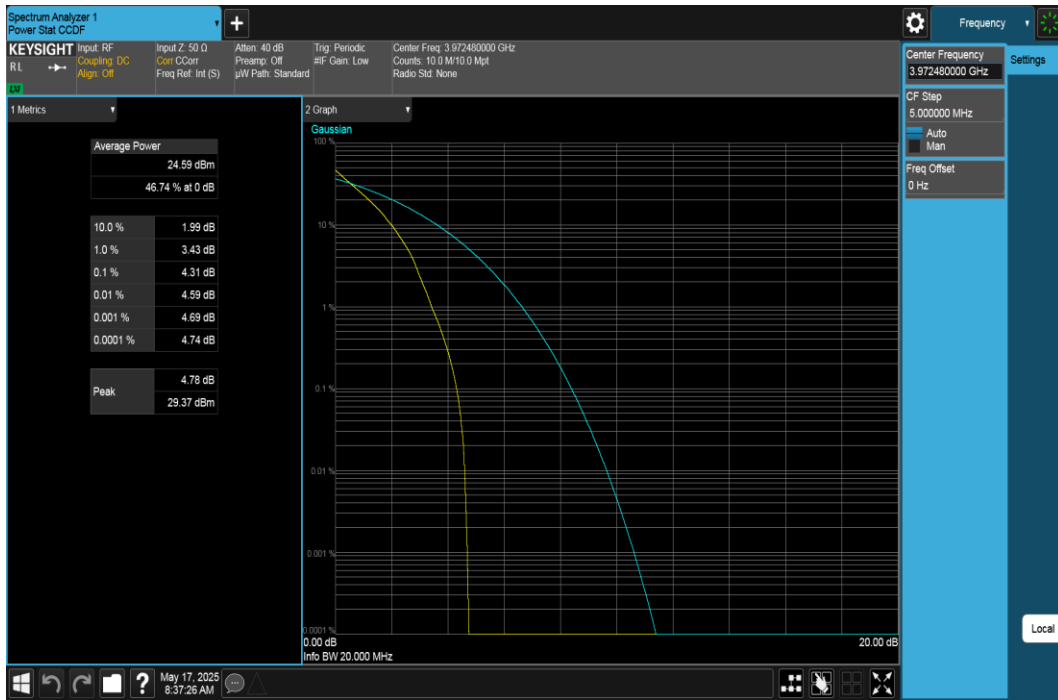
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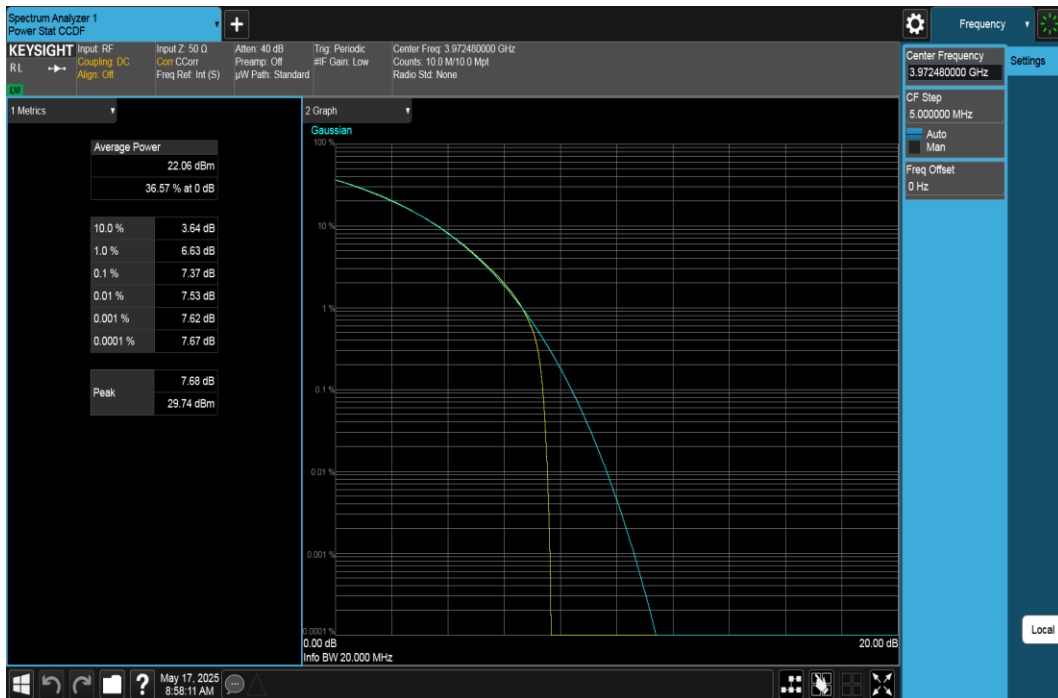
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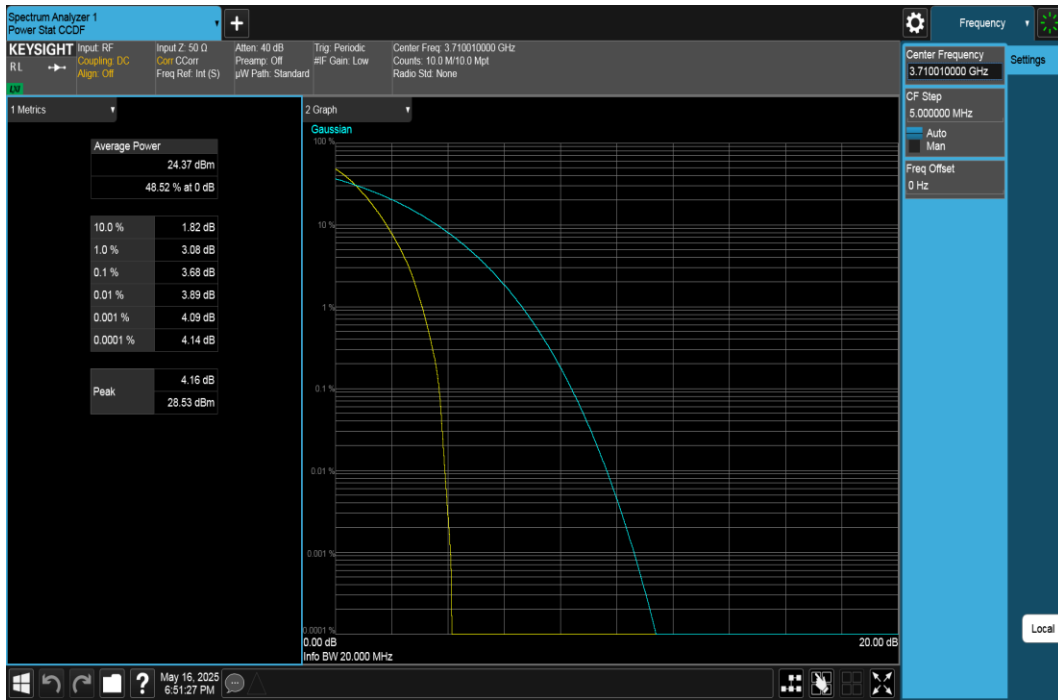
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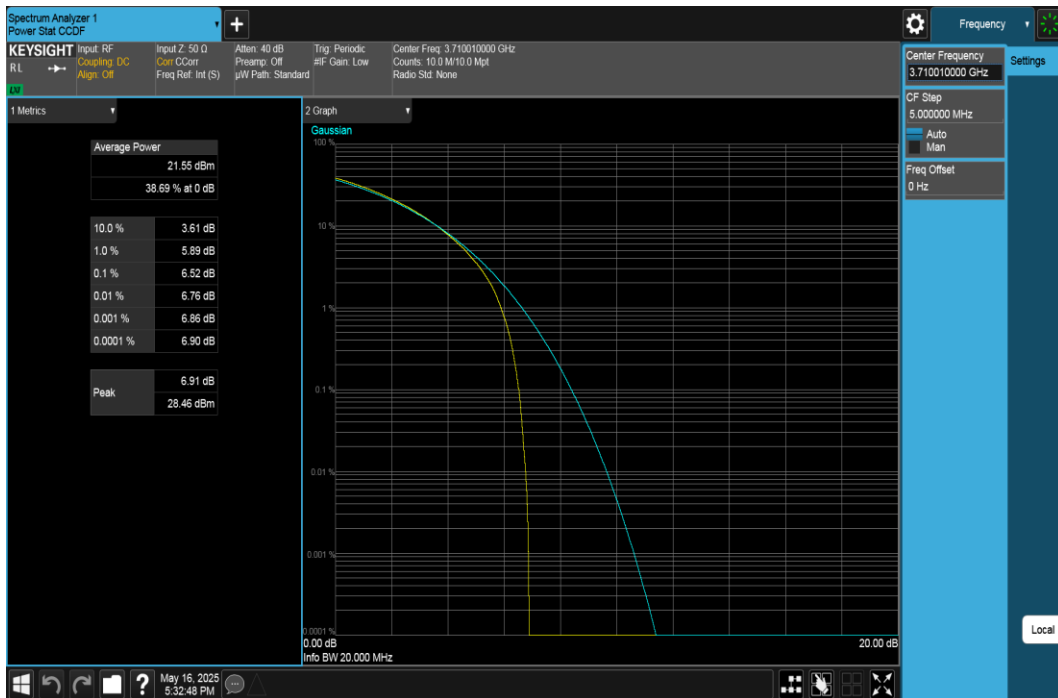
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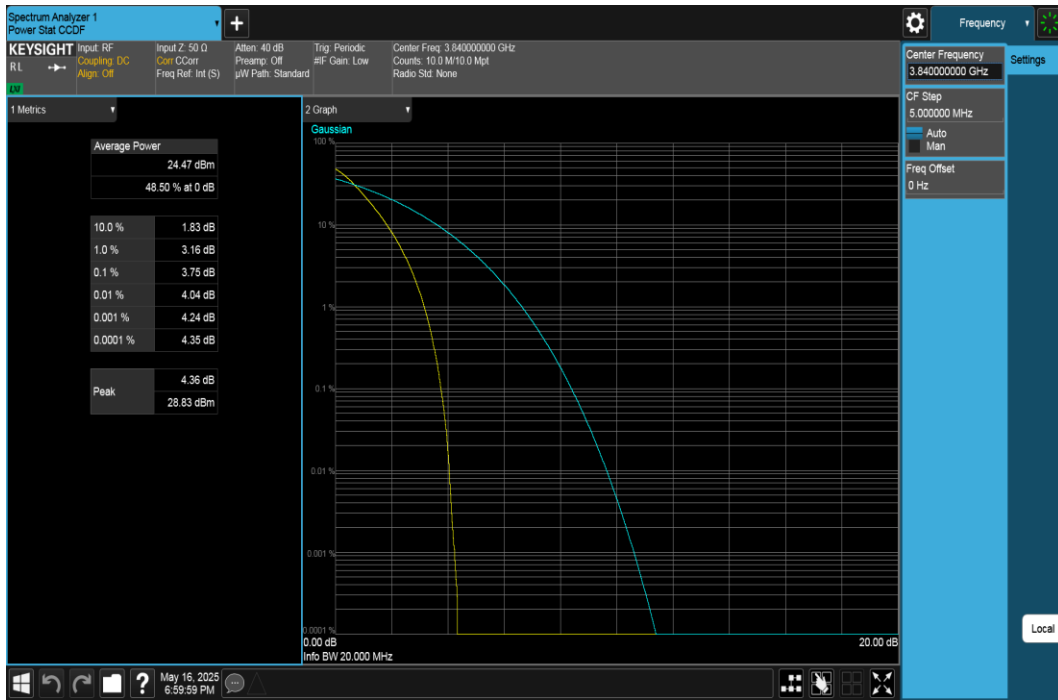
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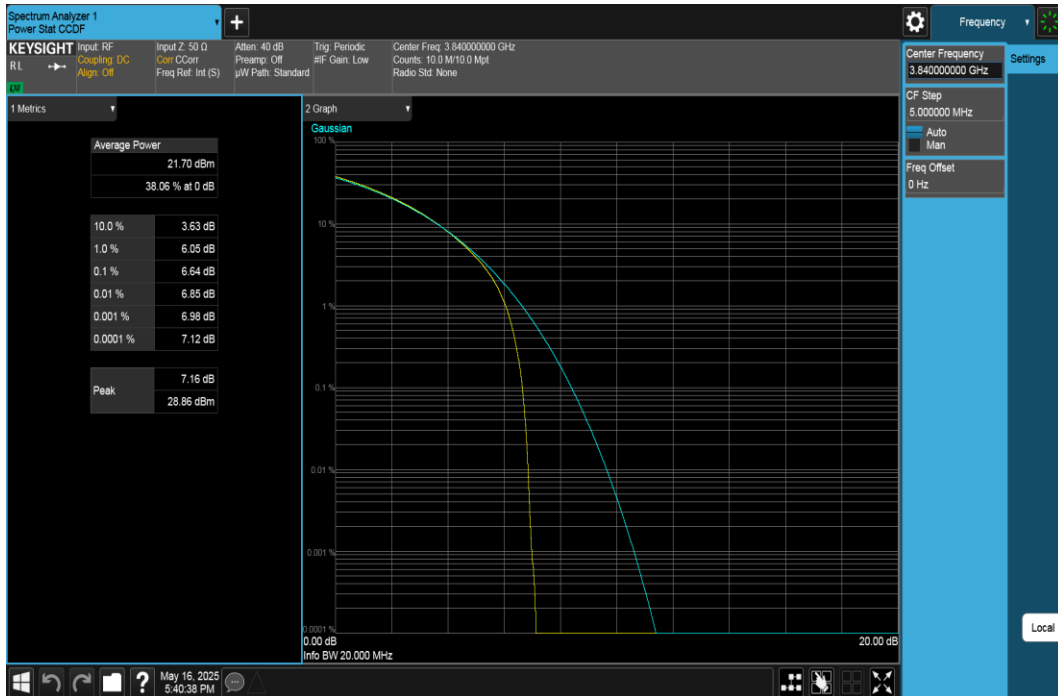
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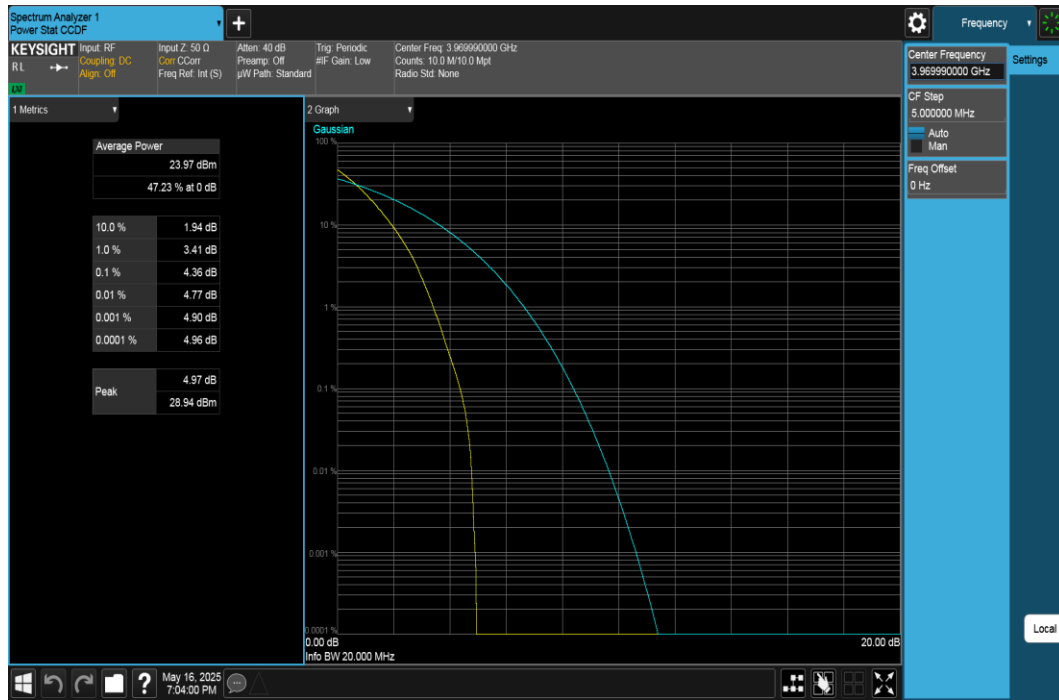
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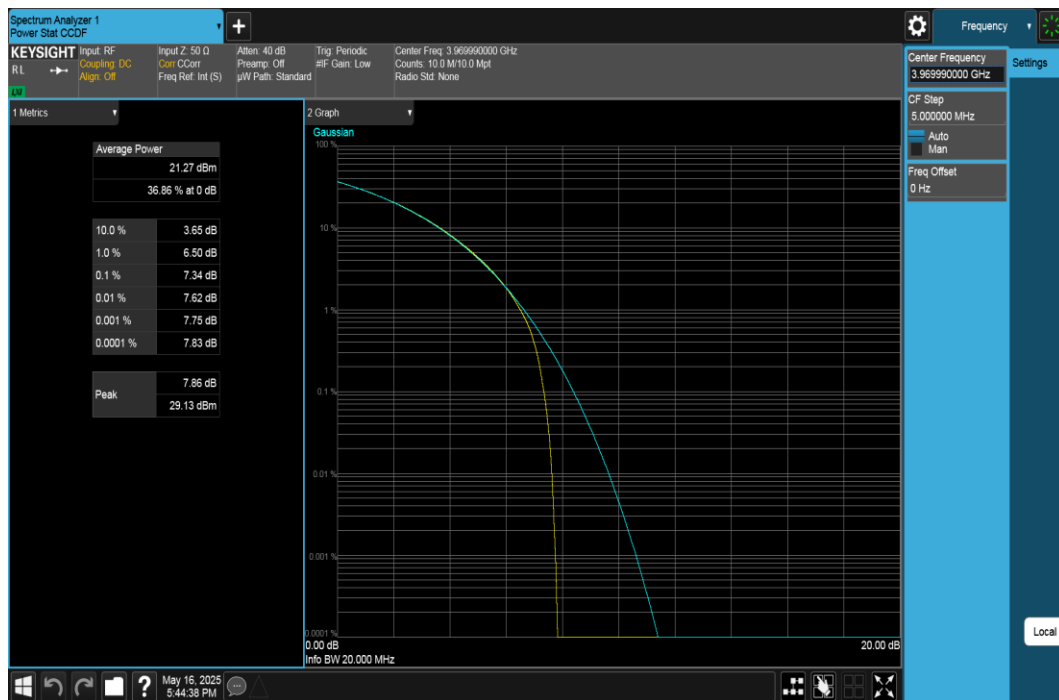
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N77b(3700-3980MHz)-20M-PAPR-HCH-DFT-s-OFDM-Pi2 BPSK-Outer_Full



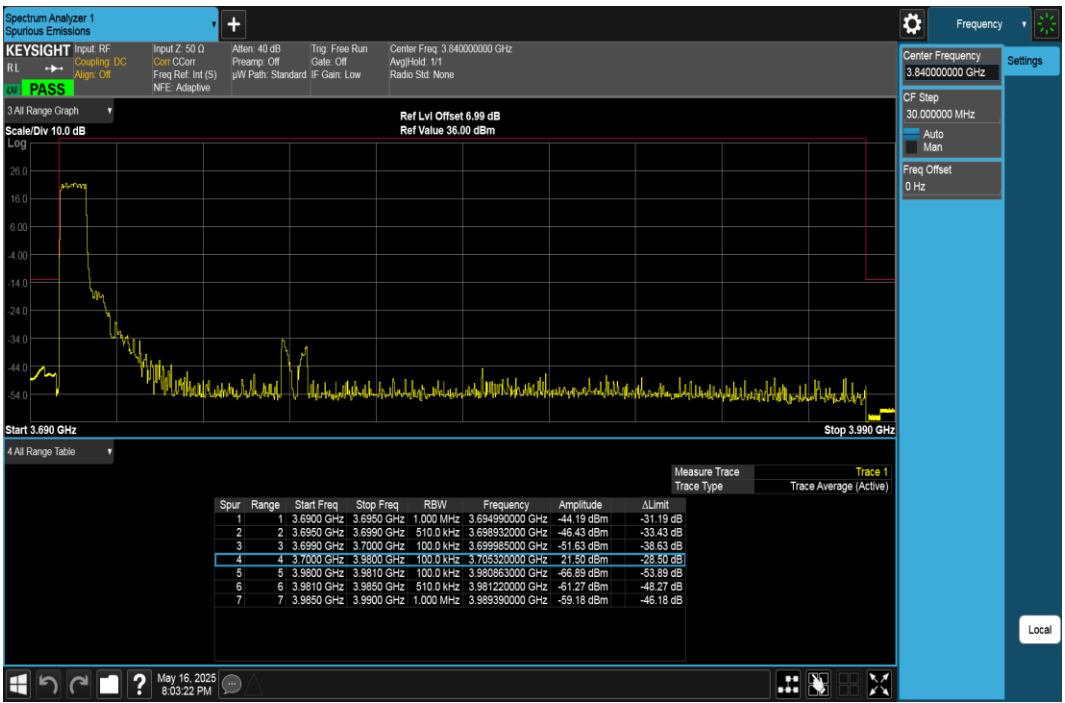
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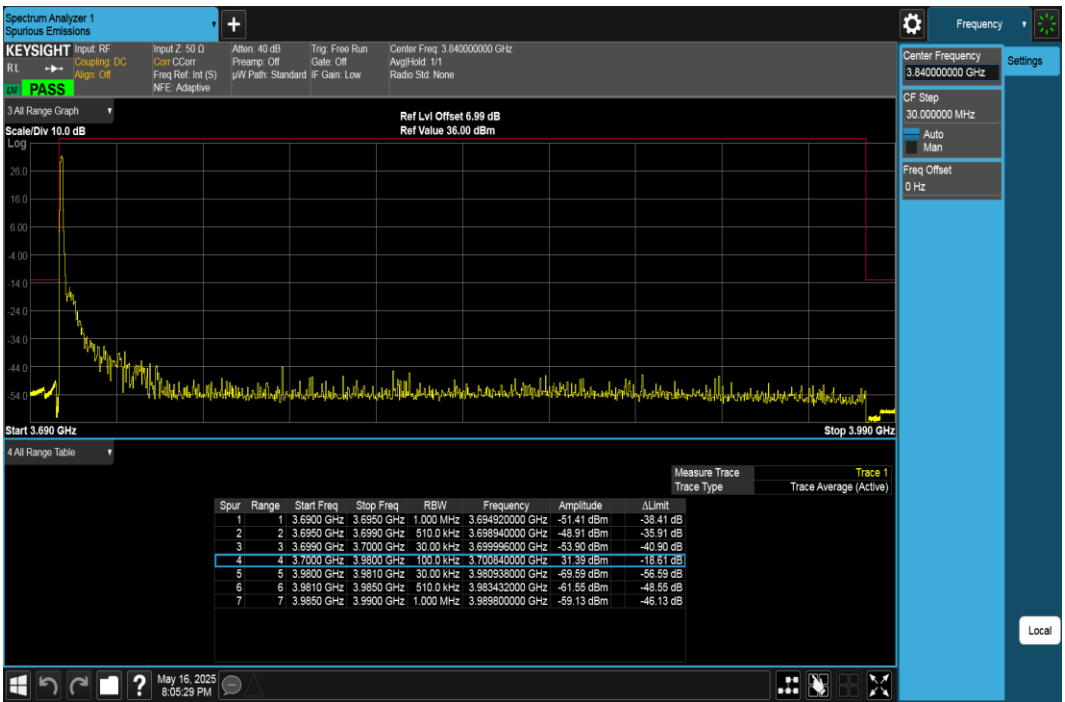
Bandedge

test graph

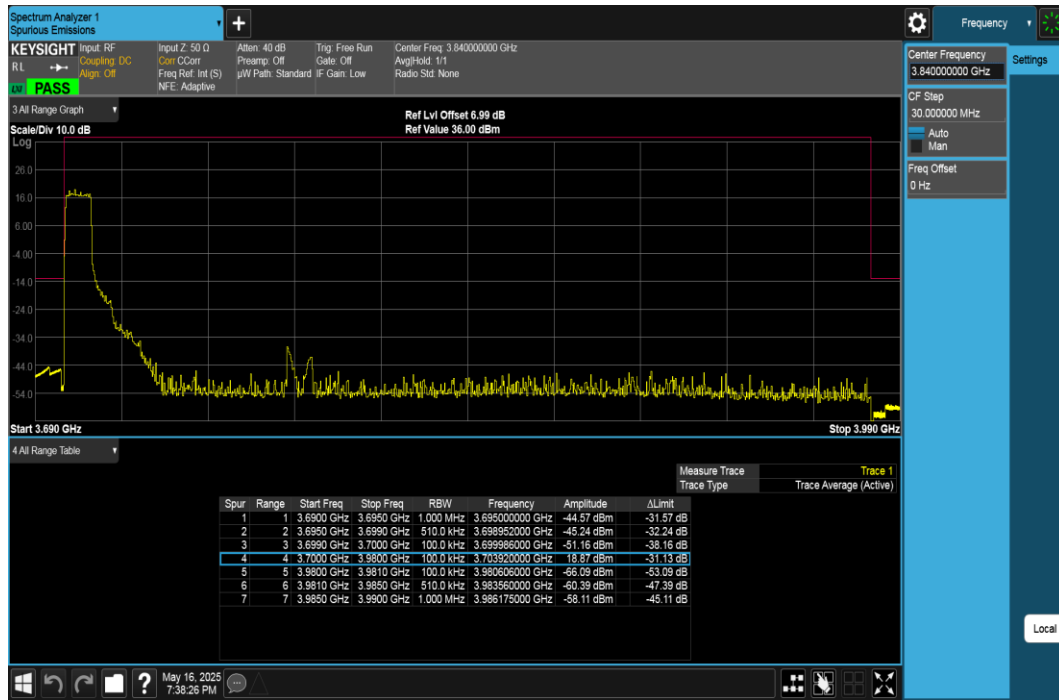
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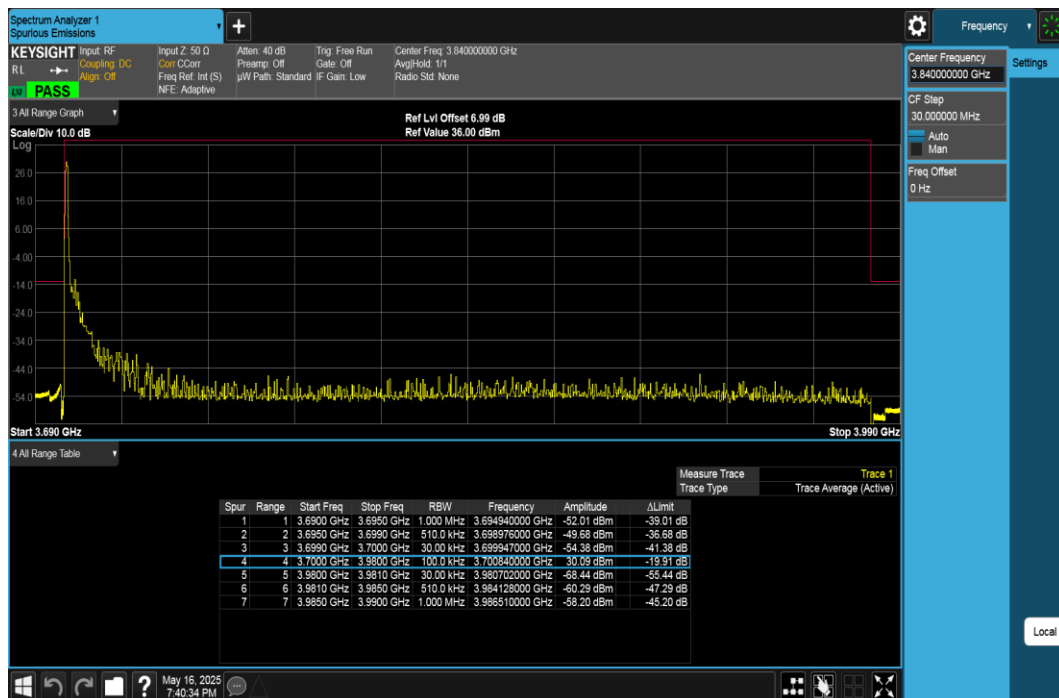
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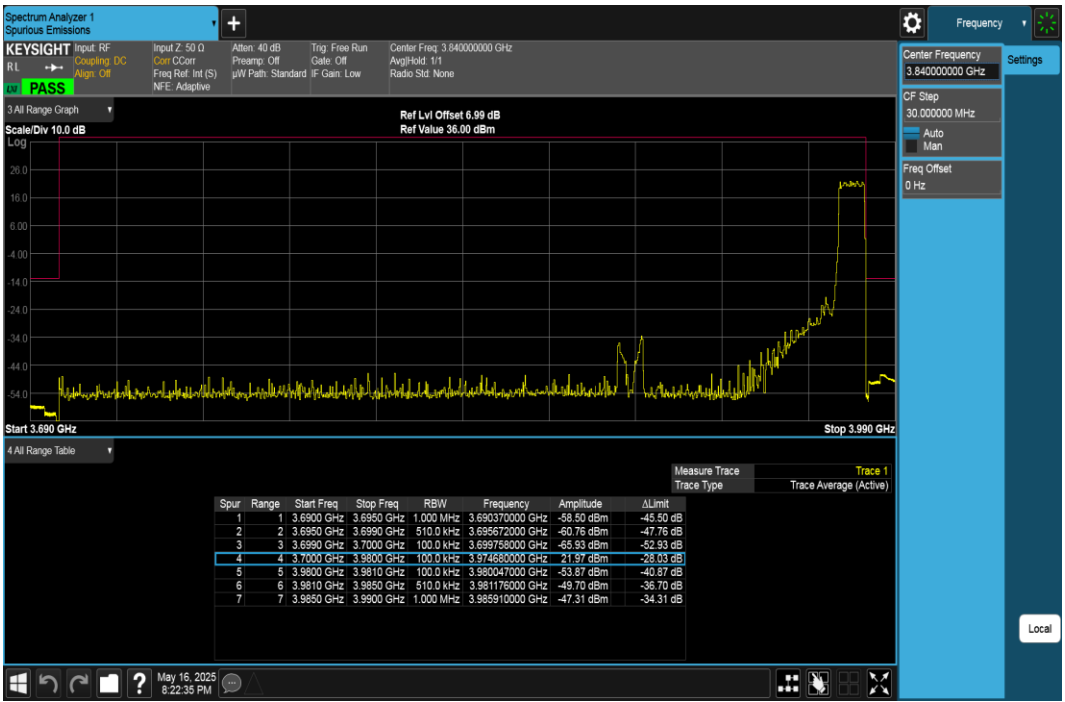
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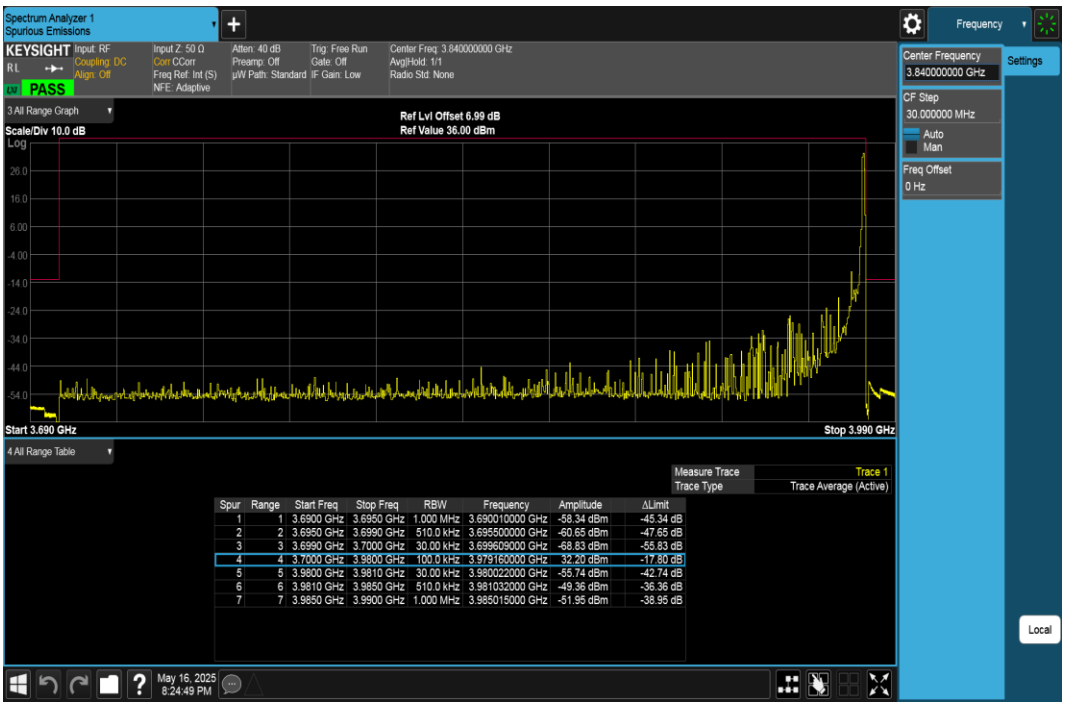
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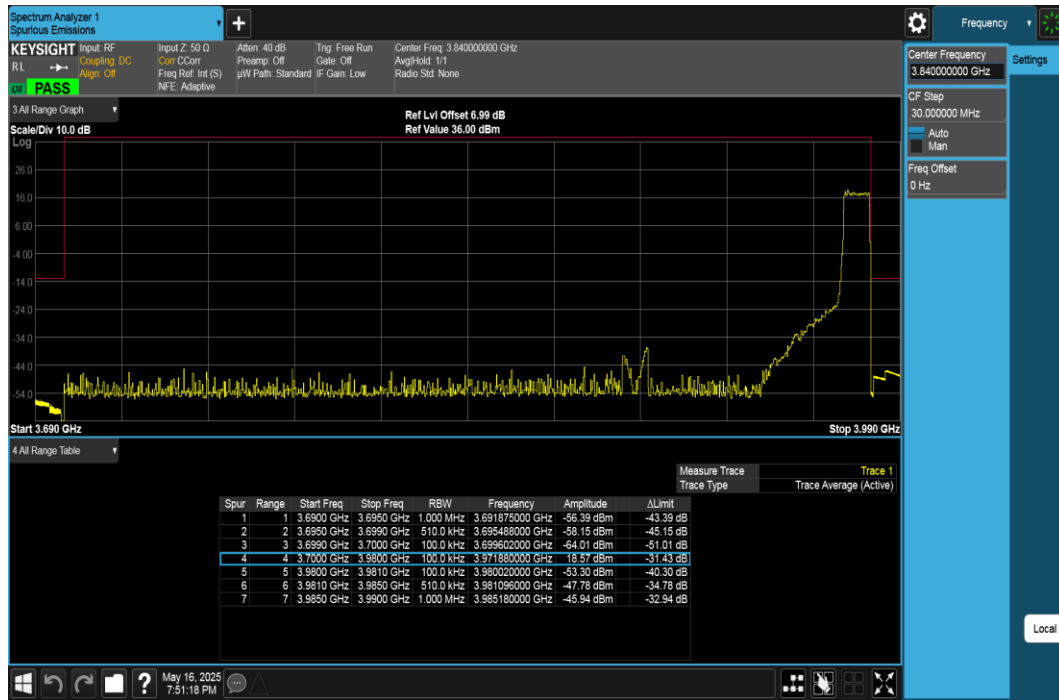
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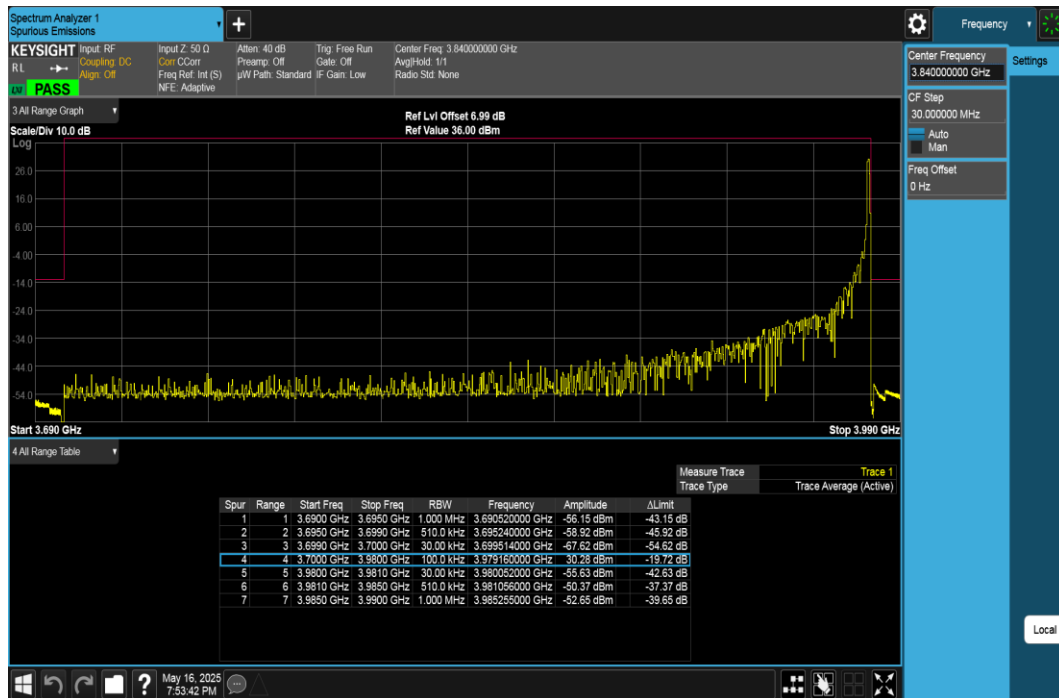
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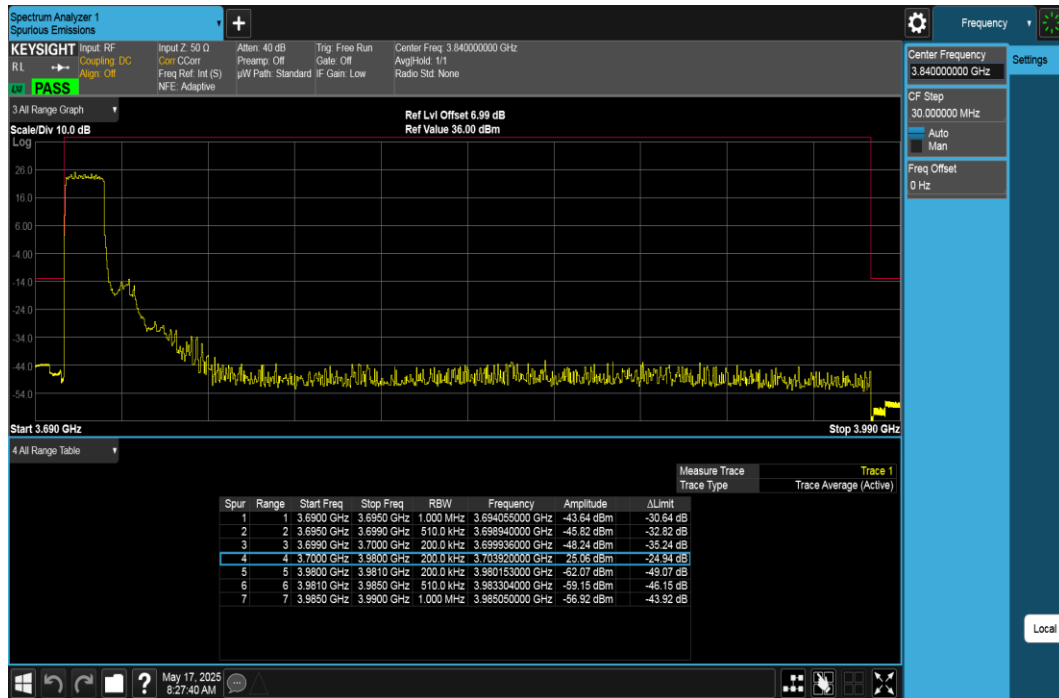
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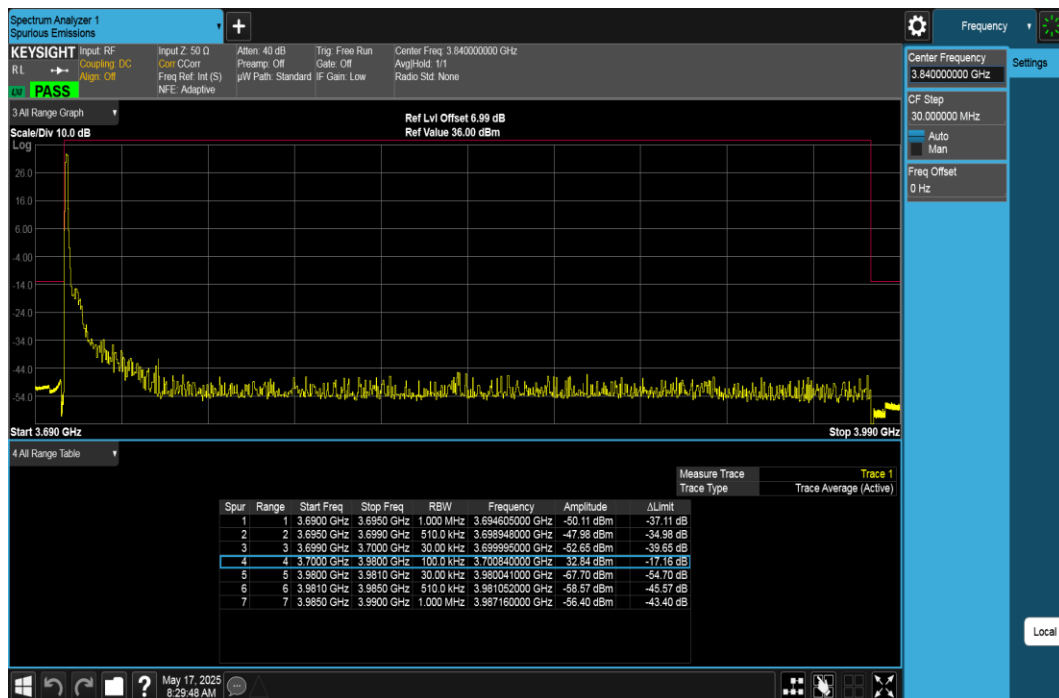
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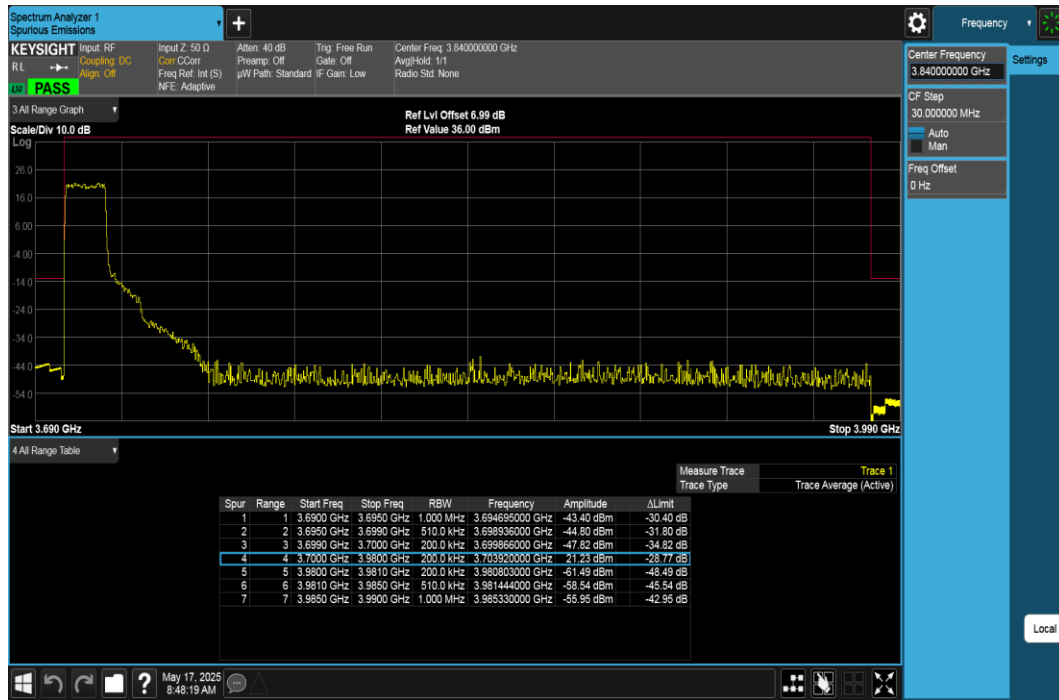
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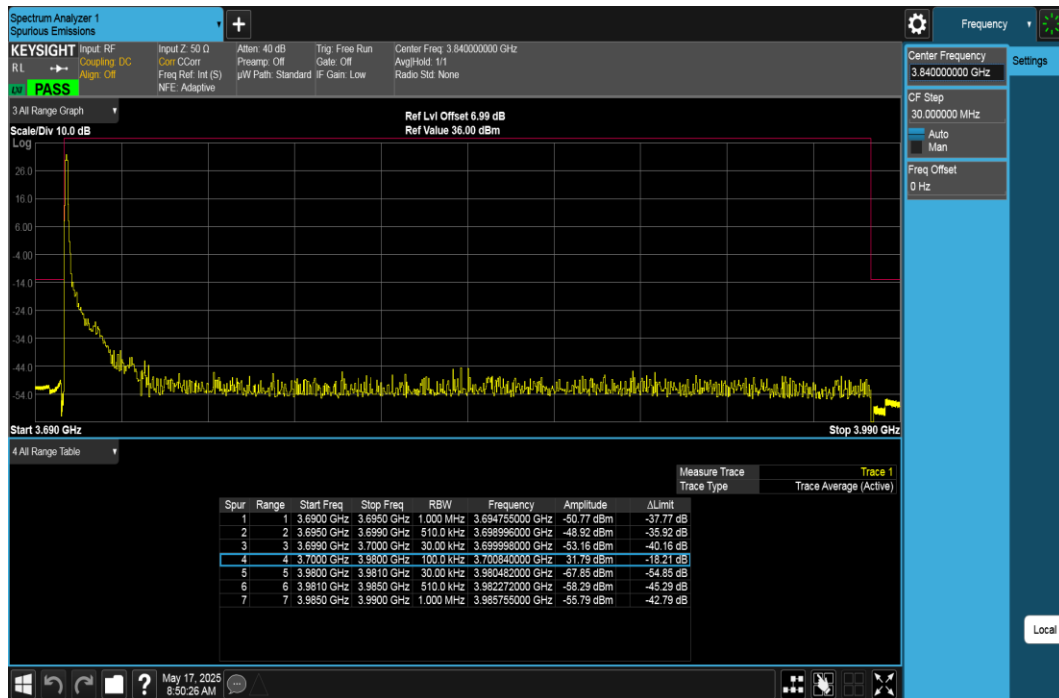
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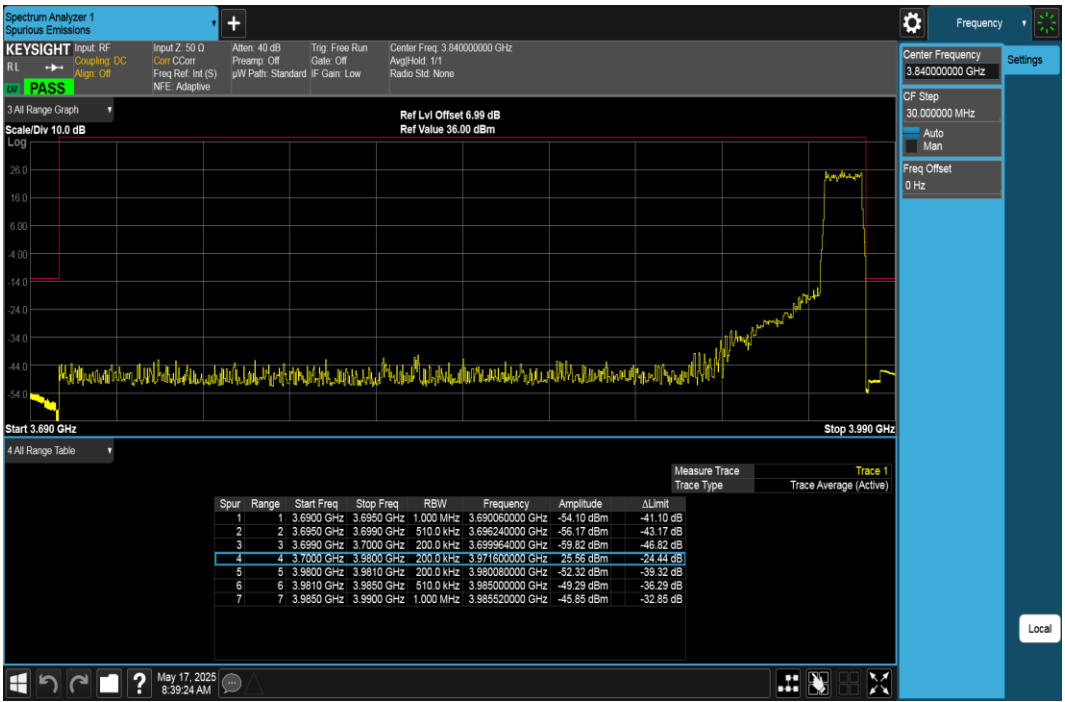
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N77b(3700-3980MHz)-15M-Bandedge-LCH-CP-OFDM-QPSK-1RB0



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

