

99% & 26dB Bandwidth

Test Result

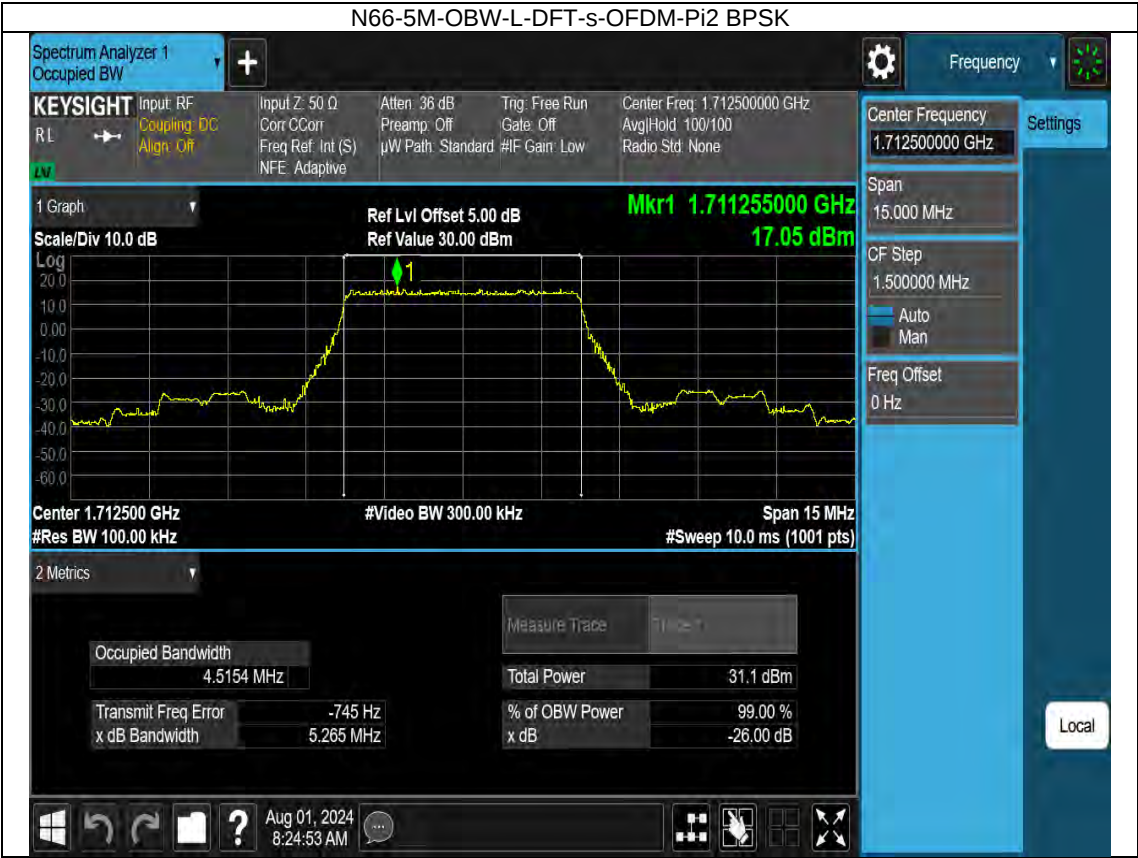
5G NR N66 SCS=15kHz 5MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.52	5.27	/	Pass
CP-OFDM QPSK		Outer_Full	4.5	5.26	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	4.51	5.12	/	Pass
CP-OFDM QPSK		Outer_Full	4.51	5.3	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.52	5.17	/	Pass
CP-OFDM QPSK		Outer_Full	4.52	5.31	/	Pass

5G NR N66 SCS=15kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	8.95	9.74	/	Pass
CP-OFDM QPSK		Outer_Full	9.33	10.15	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	8.96	9.59	/	Pass
CP-OFDM QPSK		Outer_Full	9.31	10.1	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.95	9.73	/	Pass
CP-OFDM QPSK		Outer_Full	9.32	10.16	/	Pass

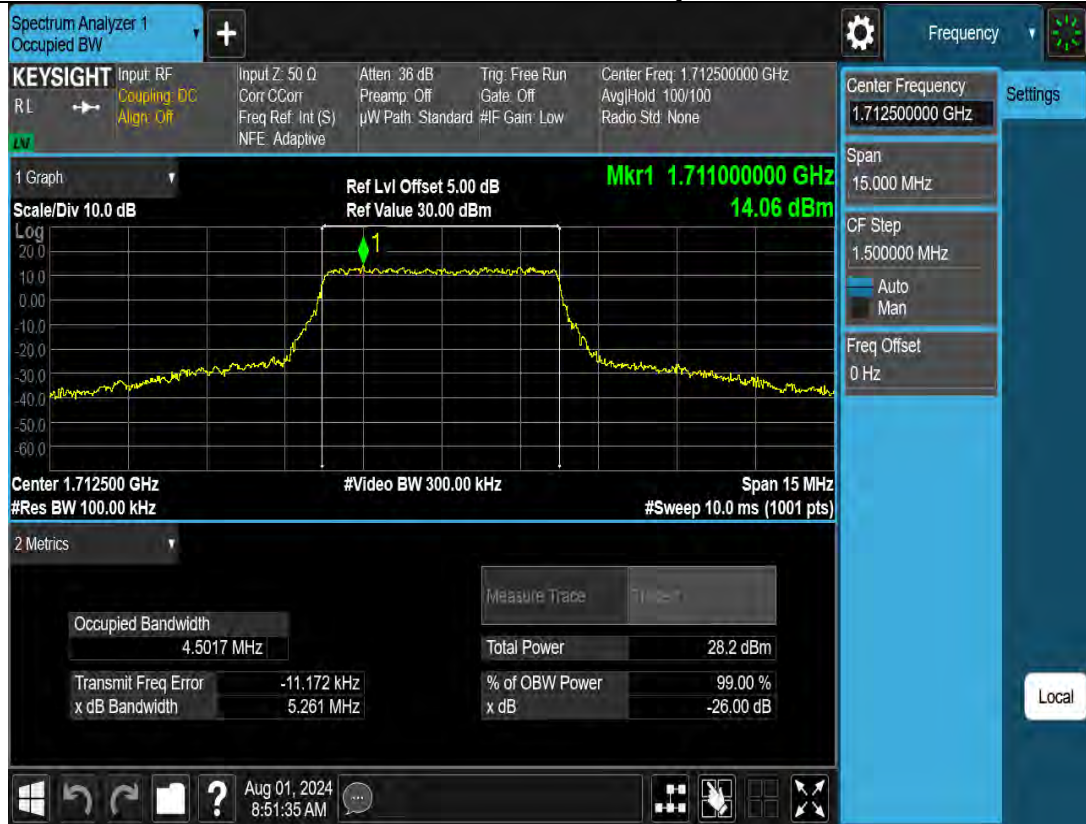
5G NR N66 SCS=15kHz 15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	13.49	14.51	/	Pass
CP-OFDM QPSK		Outer_Full	14.15	15.2	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	13.5	14.57	/	Pass
CP-OFDM QPSK		Outer_Full	14.13	15.24	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	13.48	14.53	/	Pass
CP-OFDM QPSK		Outer_Full	14.12	15.15	/	Pass

5G NR N66 SCS=15kHz 20MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	17.92	19.03	/	Pass
CP-OFDM QPSK		Outer_Full	18.95	20.06	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	17.89	19.05	/	Pass
CP-OFDM QPSK		Outer_Full	18.94	20	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.85	19	/	Pass
CP-OFDM QPSK		Outer_Full	18.91	20.02	/	Pass

Test Graph



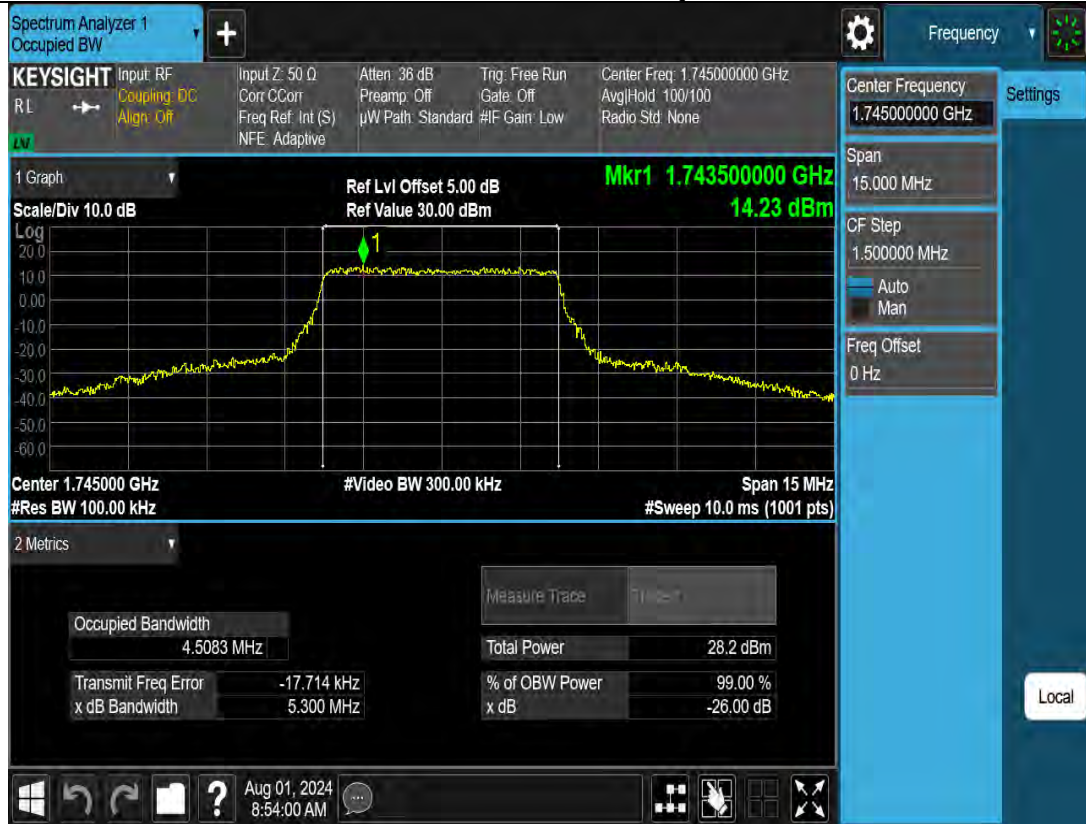
N66-5M-OBW-L-CP-OFDM-QPSK



N66-5M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N66-5M-OBW-M-CP-OFDM-QPSK



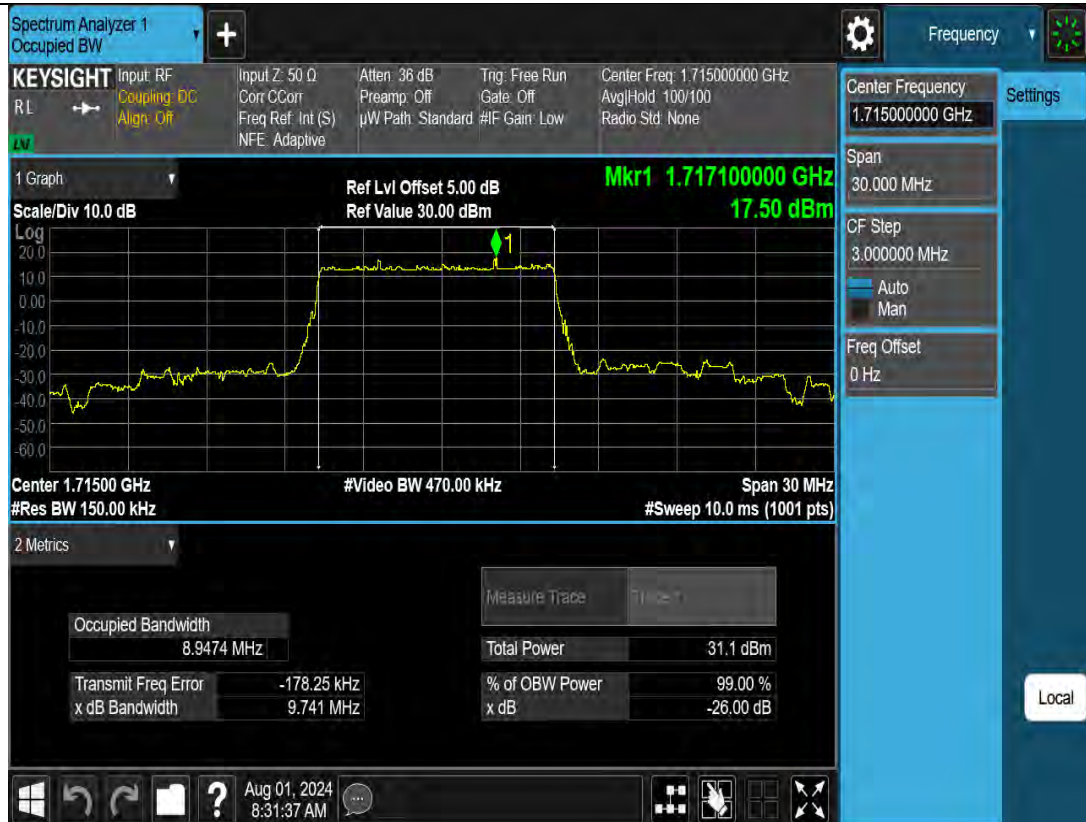
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N66-5M-OBW-H-CP-OFDM-QPSK



N66-10M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N66-10M-OBW-L-CP-OFDM-QPSK



N66-10M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N66-10M-OBW-M-CP-OFDM-QPSK



N66-10M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N66-10M-OBW-H-CP-OFDM-QPSK



N66-15M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N66-15M-OBW-L-CP-OFDM-QPSK



N66-15M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N66-15M-OBW-M-CP-OFDM-QPSK



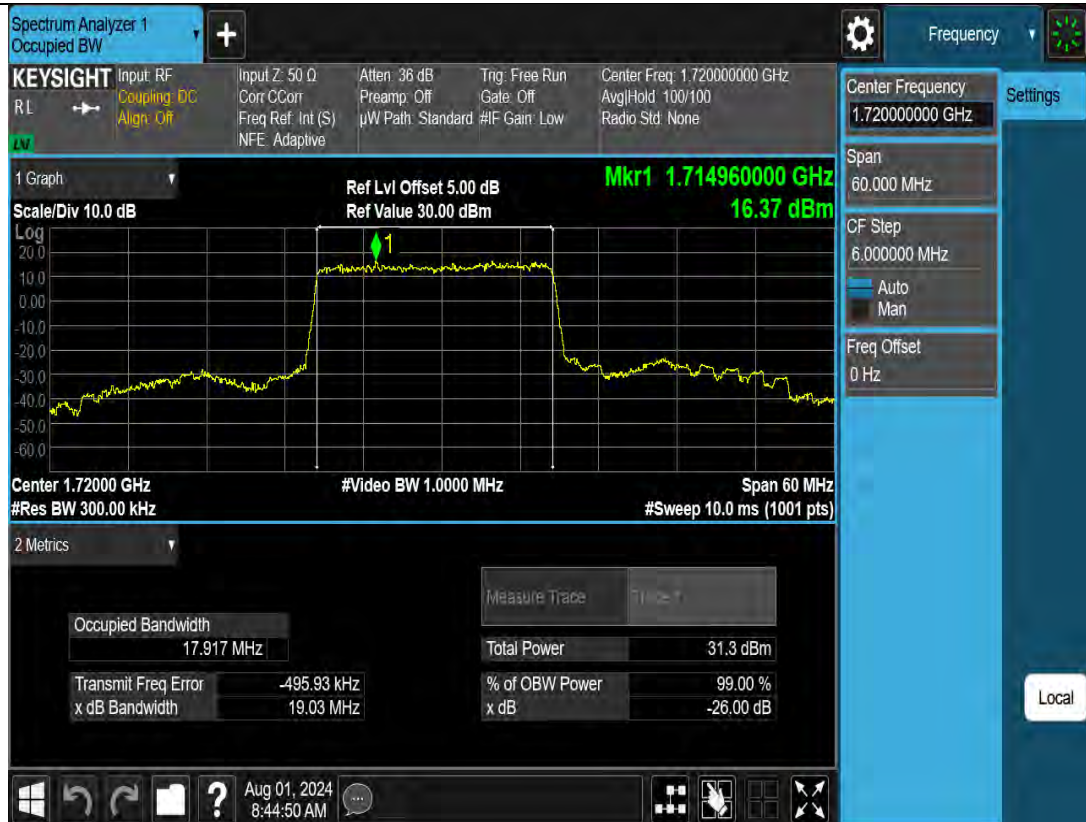
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N66-15M-OBW-H-CP-OFDM-QPSK



N66-20M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N66-20M-OBW-L-CP-OFDM-QPSK



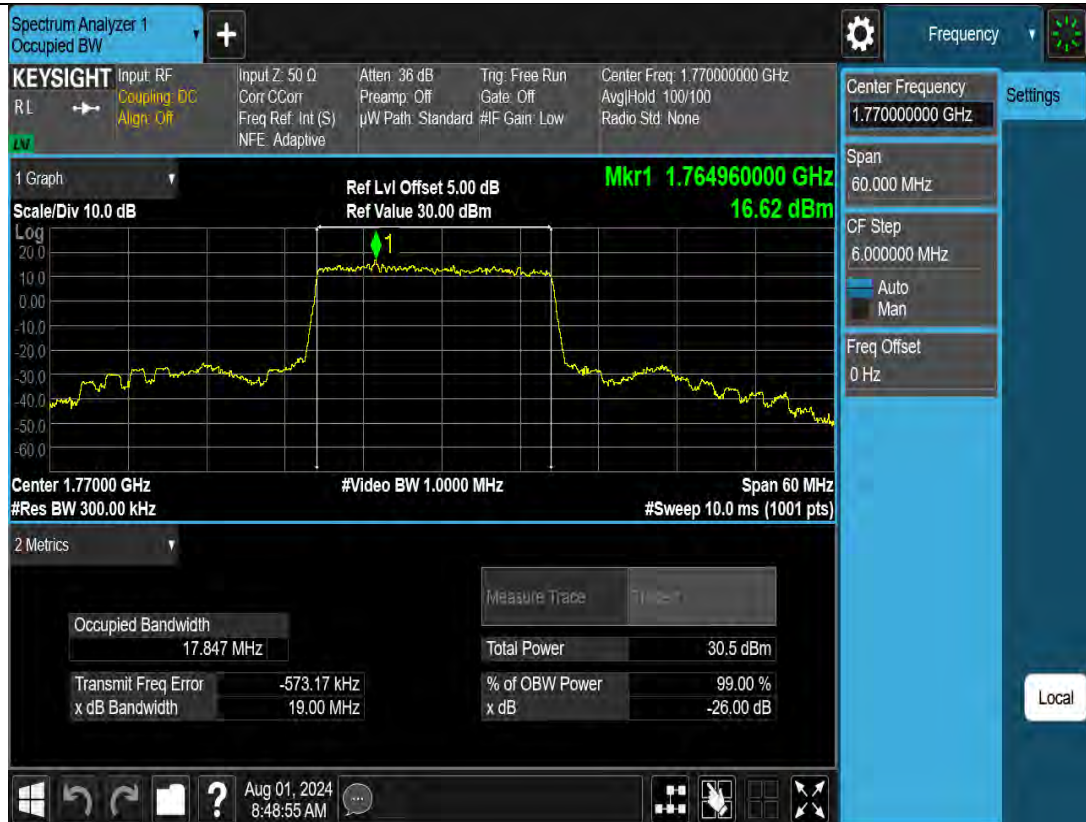
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N66-20M-OBW-M-CP-OFDM-QPSK



N66-20M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N66-20M-OBW-H-CP-OFDM-QPSK



Peak-Average Ratio

Test Result

5G NR N66 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.67	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.63	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.44	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.57	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.8	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.13	<=13	Pass

5G NR N66 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.82	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.63	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.55	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.99	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	5	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.83	<=13	Pass

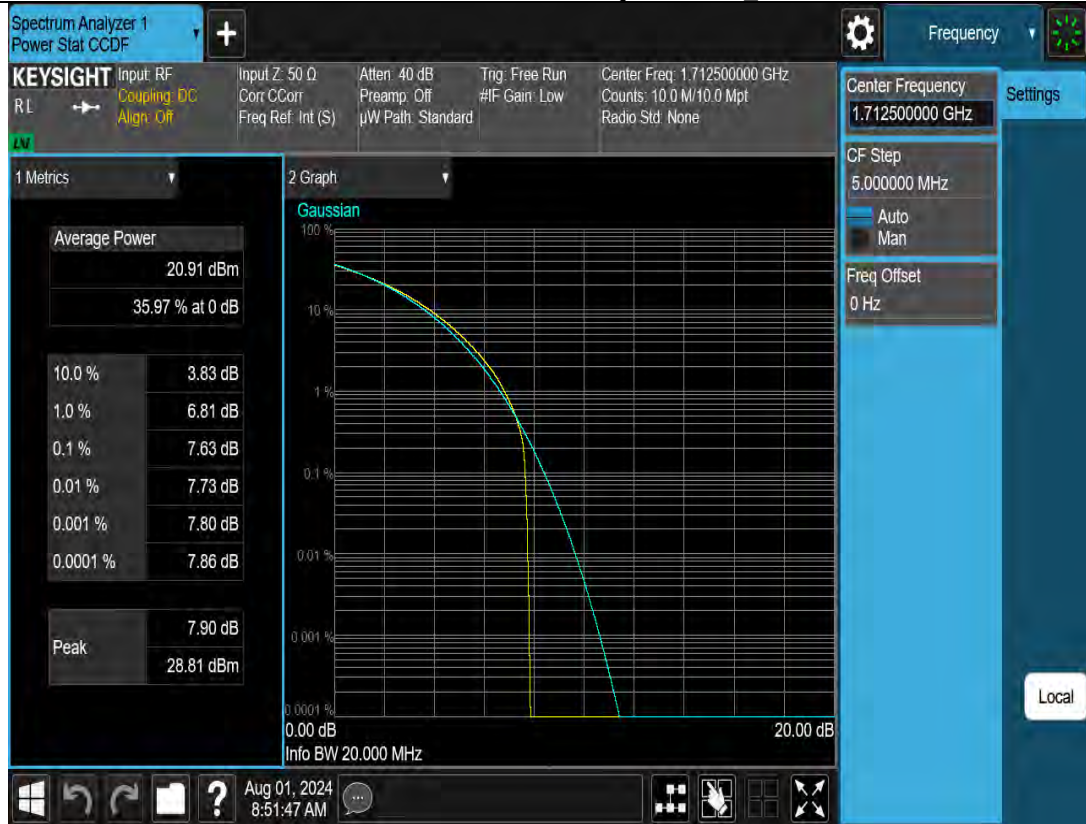
5G NR N66 SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.84	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.54	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.72	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.05	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.86	<=13	Pass
CP-OFDM QPSK		Outer_Full	8.06	<=13	Pass

5G NR N66 SCS=15kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.77	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.58	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.28	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.61	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.36	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.66	<=13	Pass

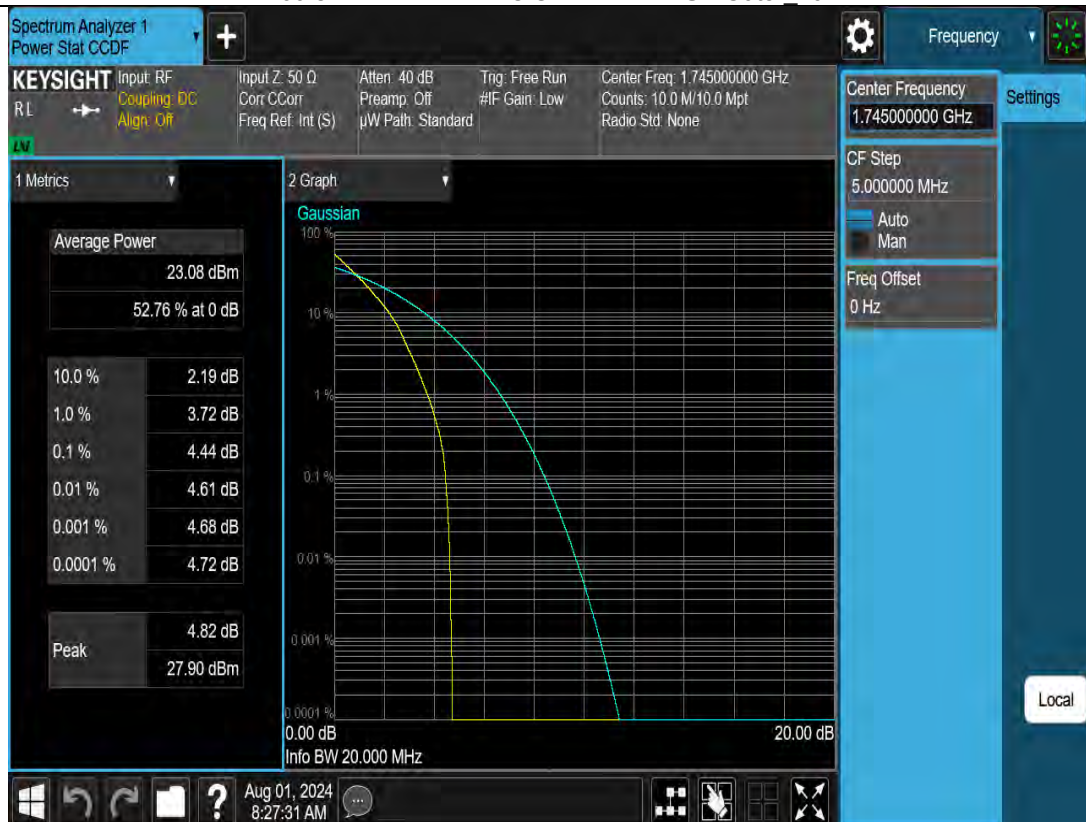
Test Graph



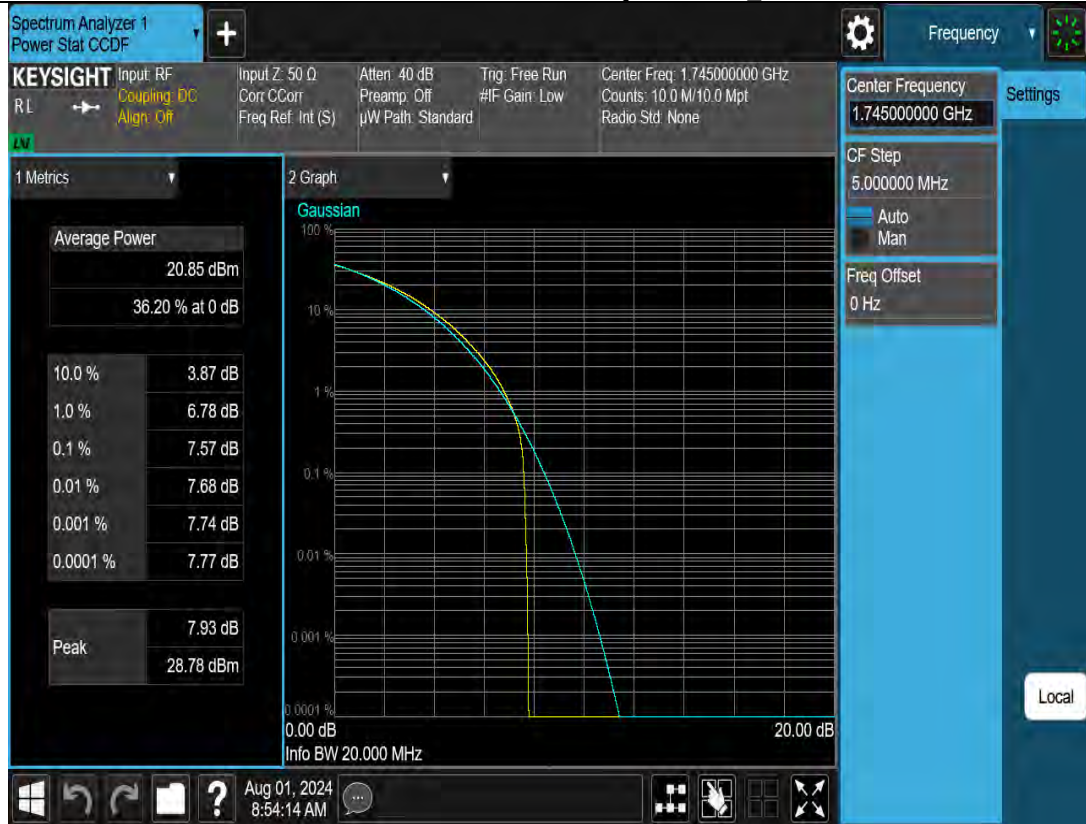
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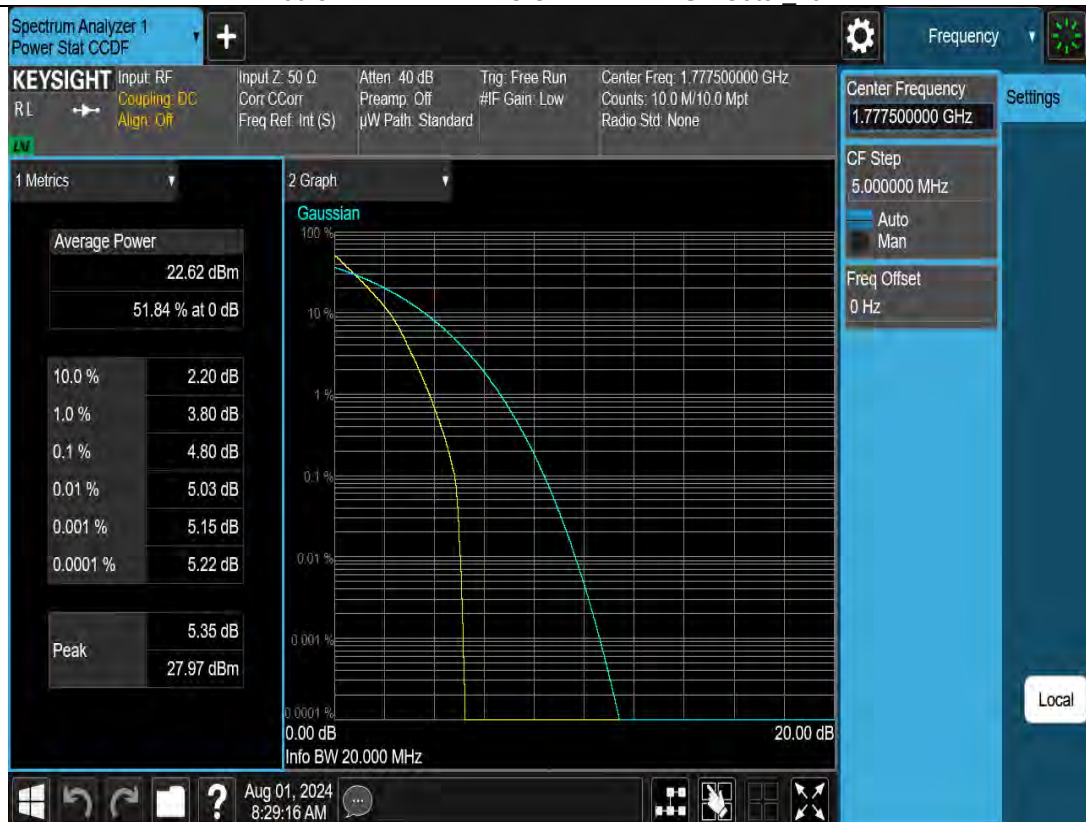
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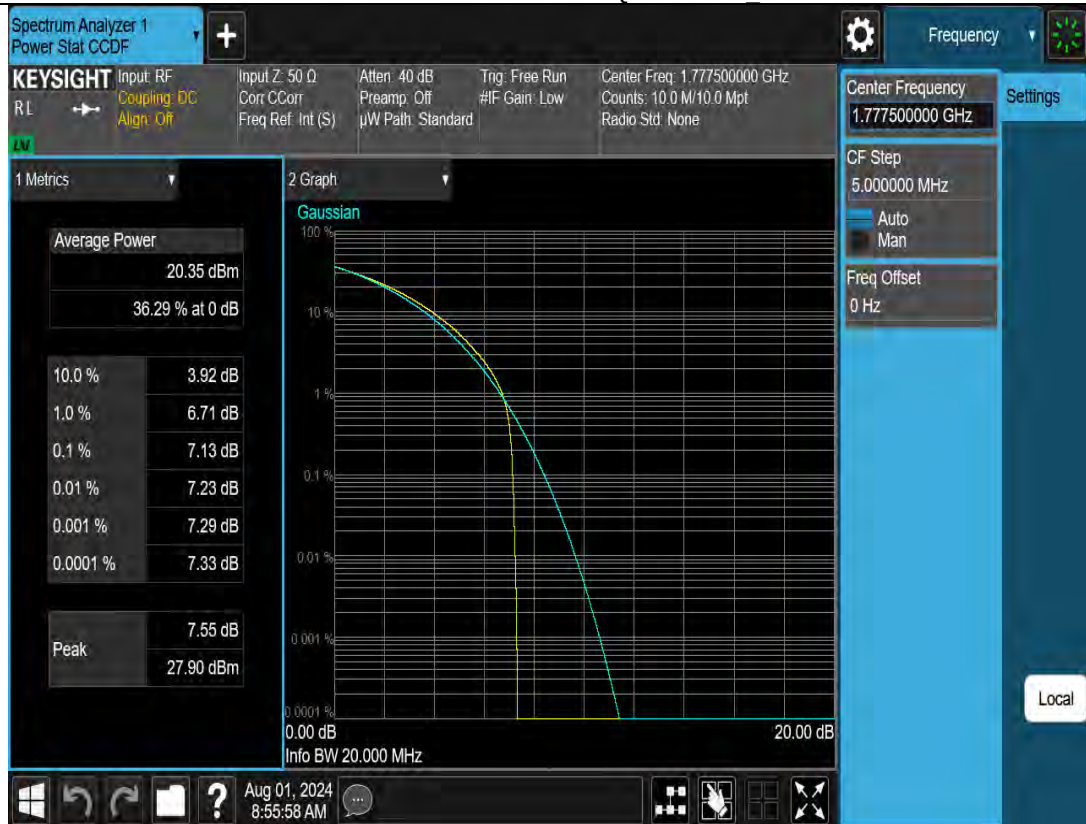
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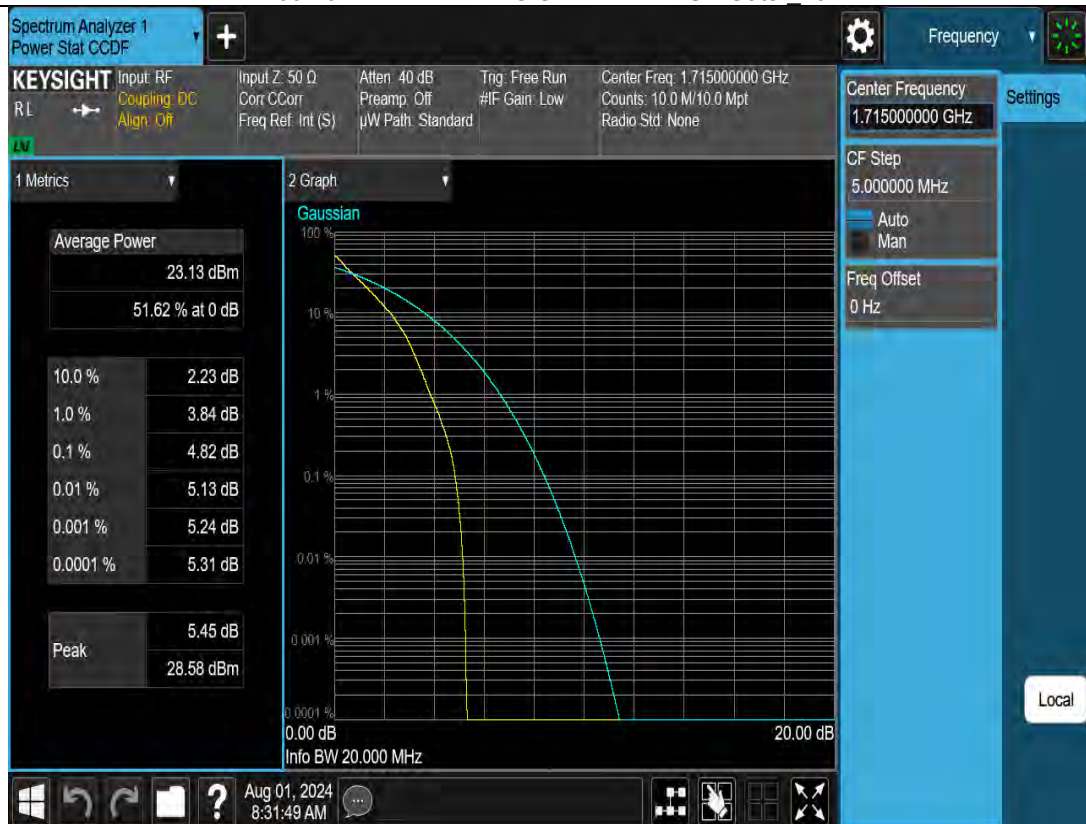
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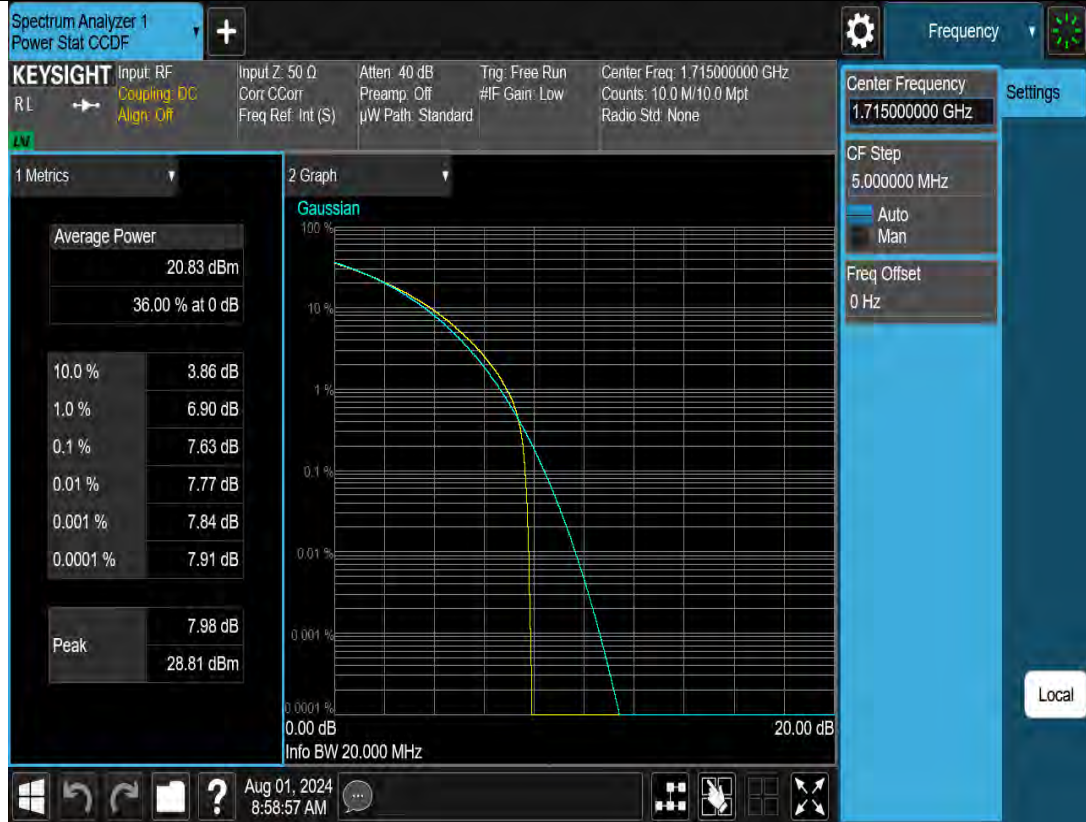
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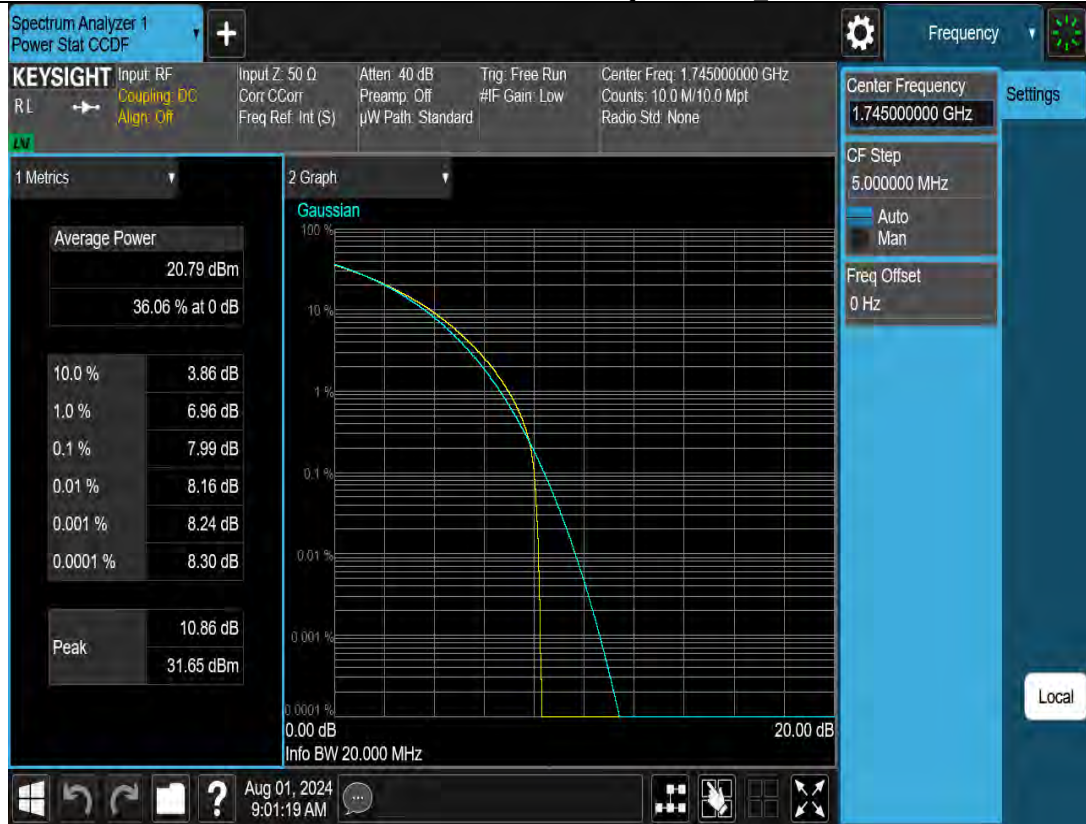
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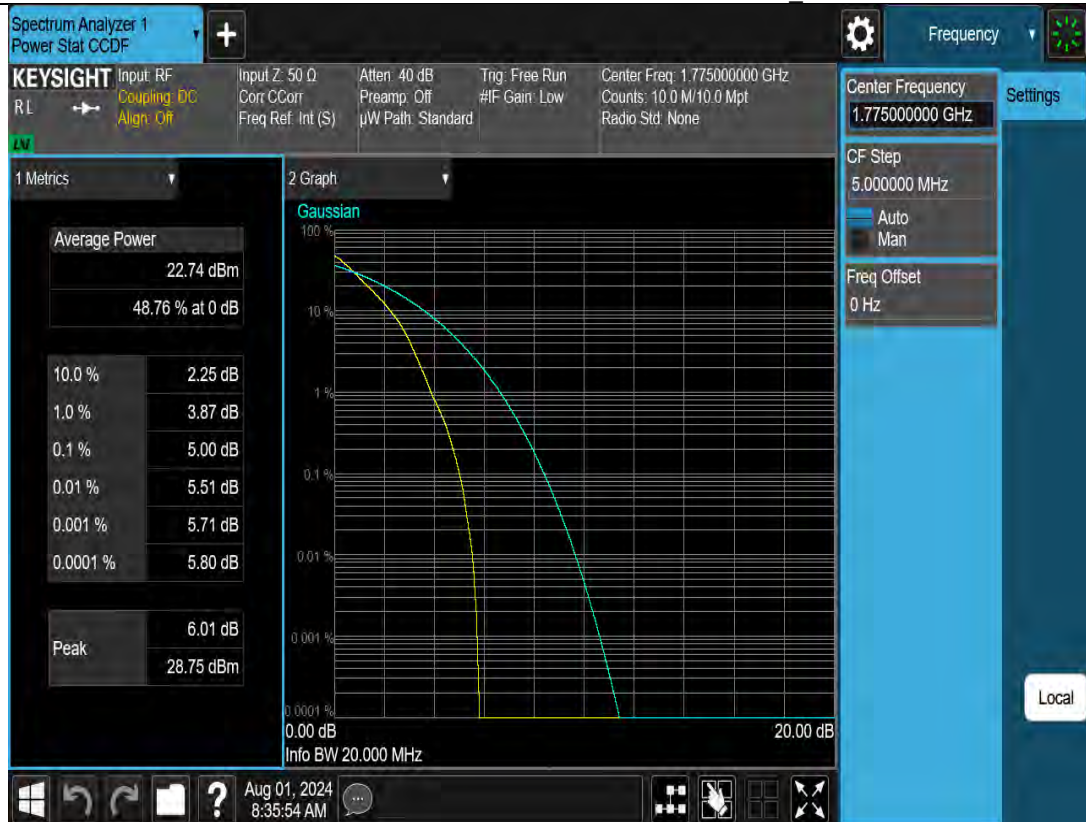
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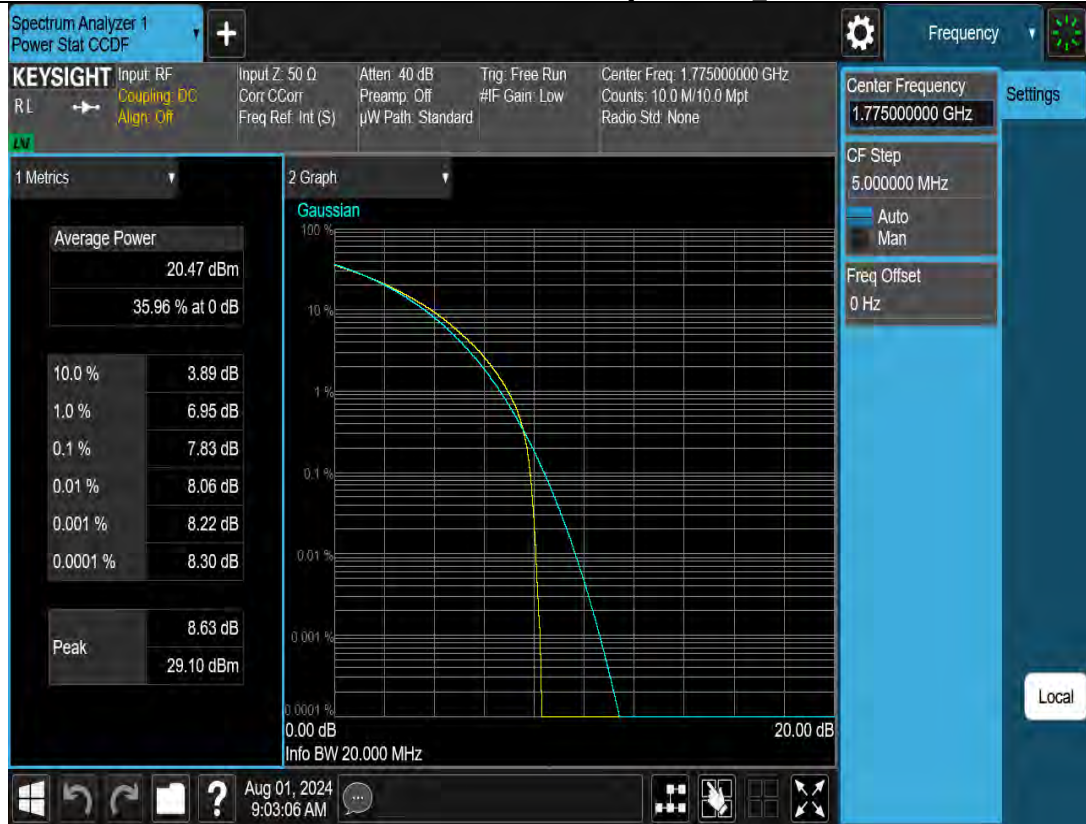
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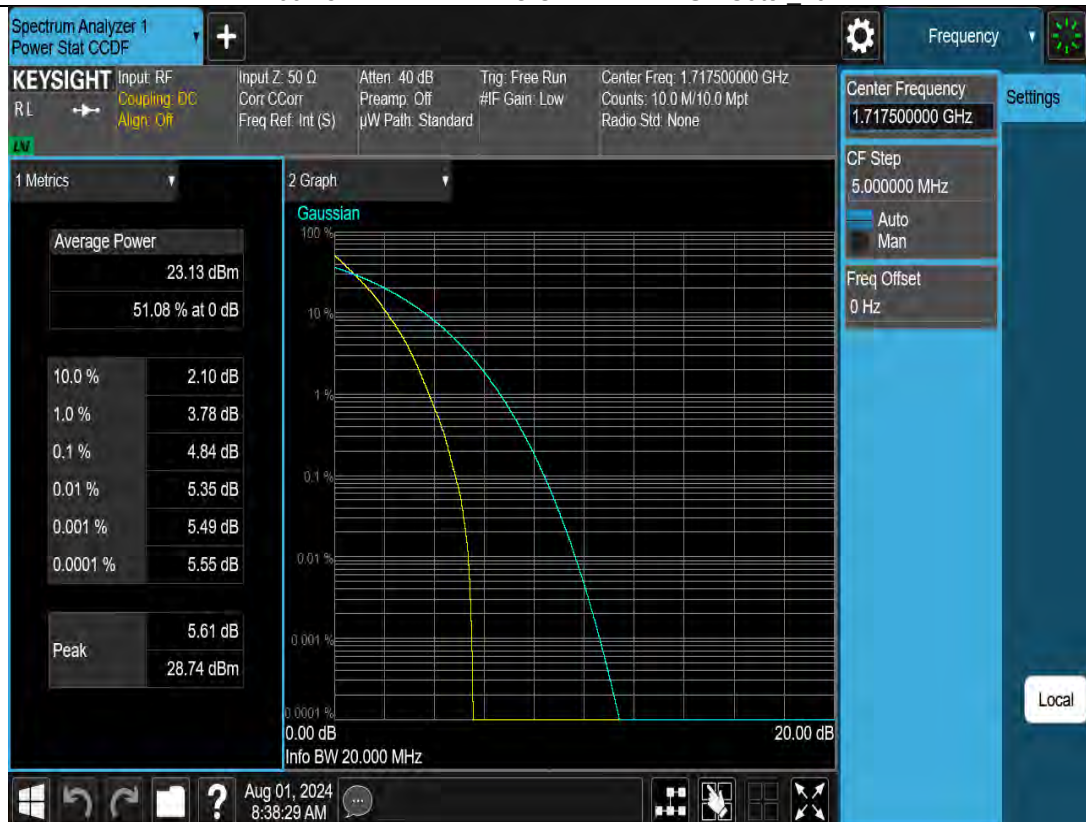
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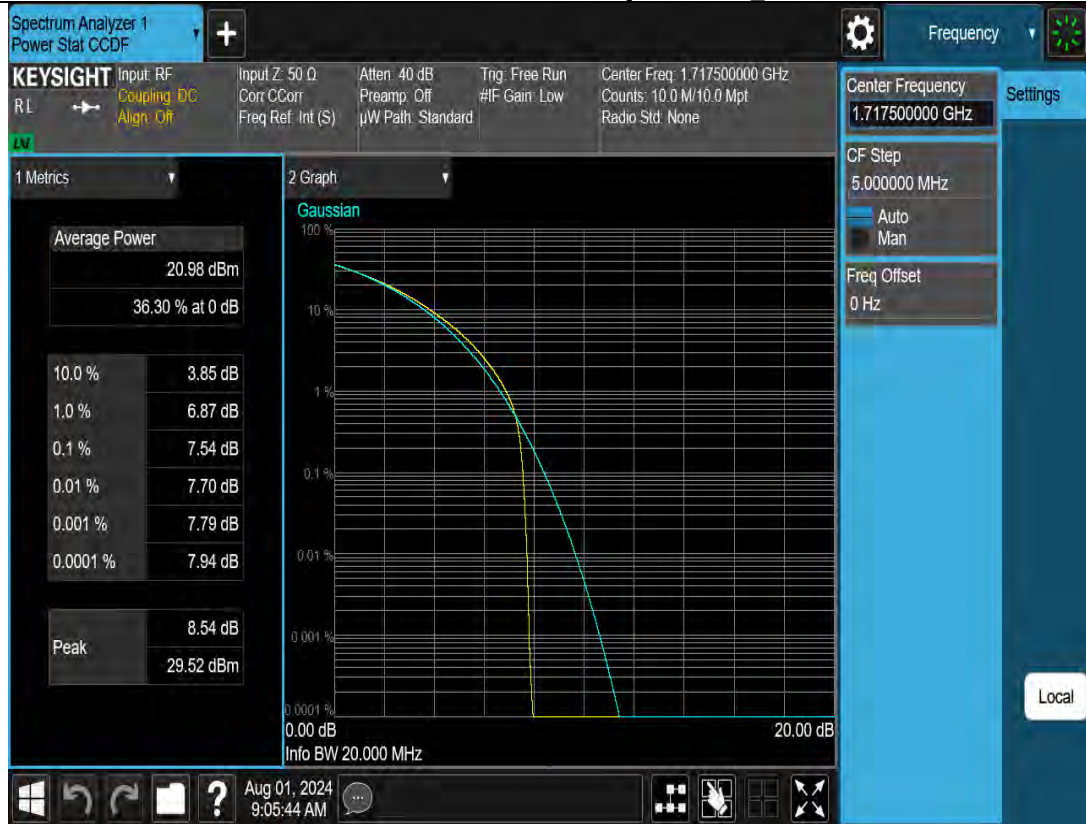
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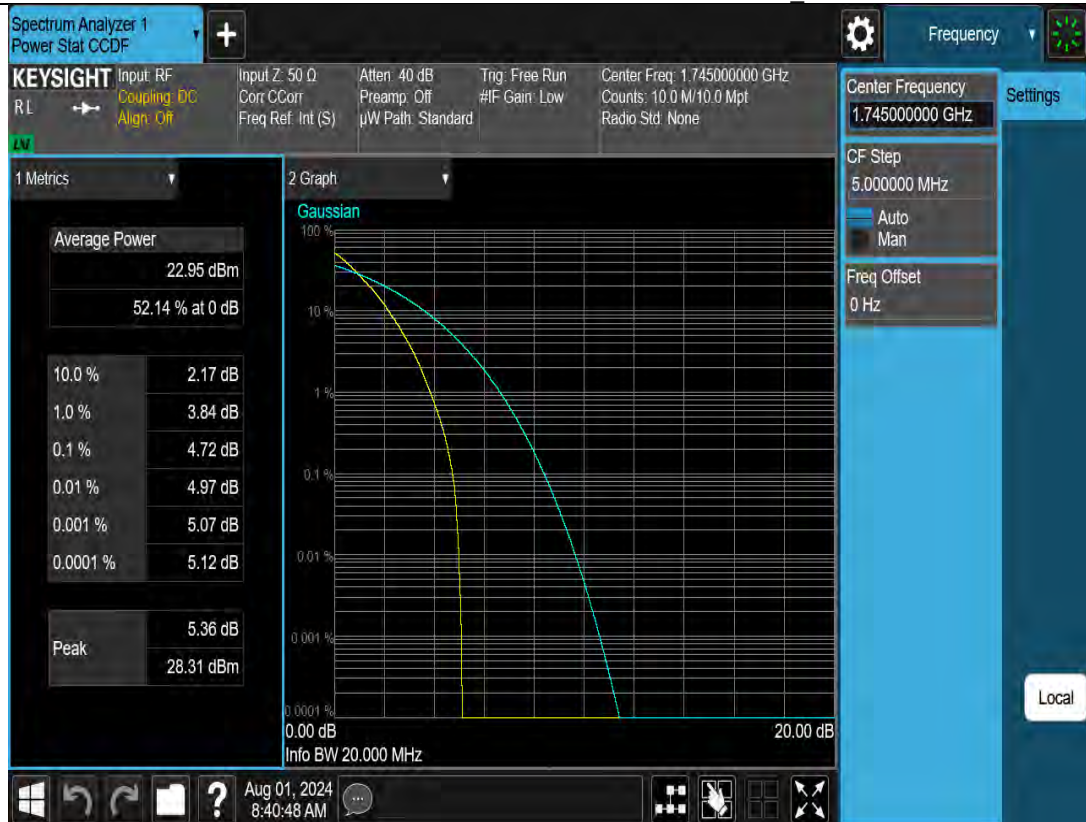
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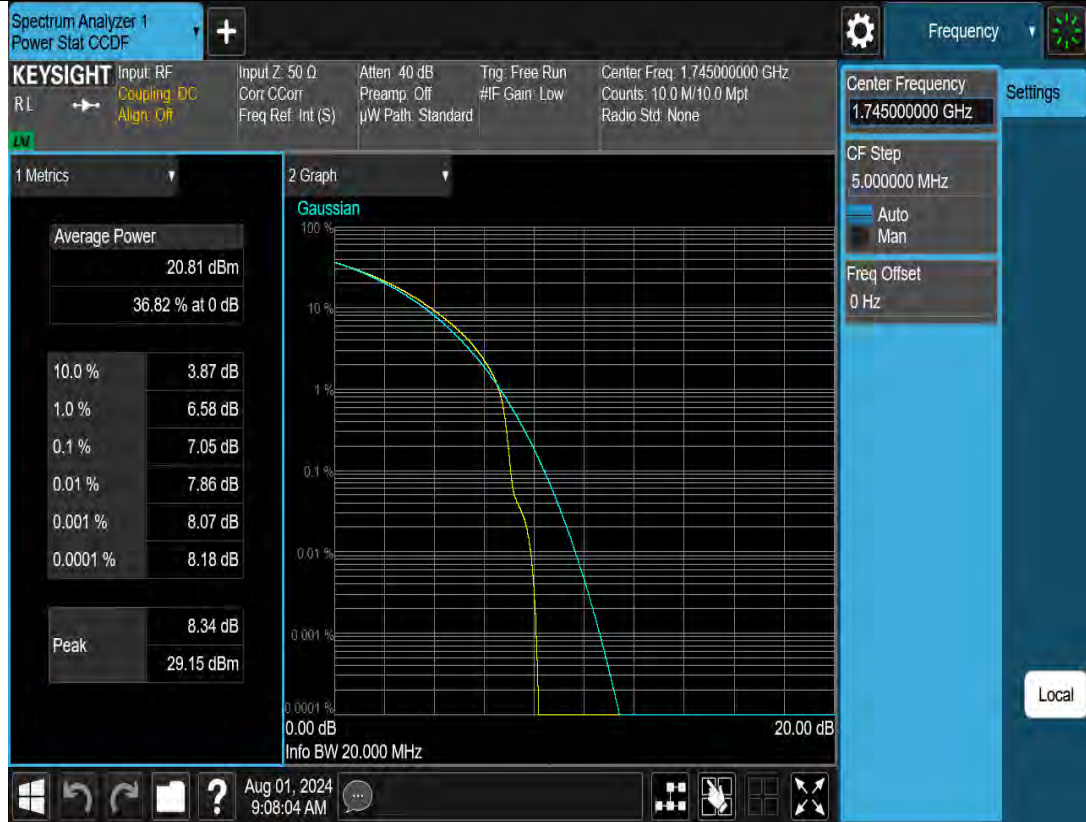
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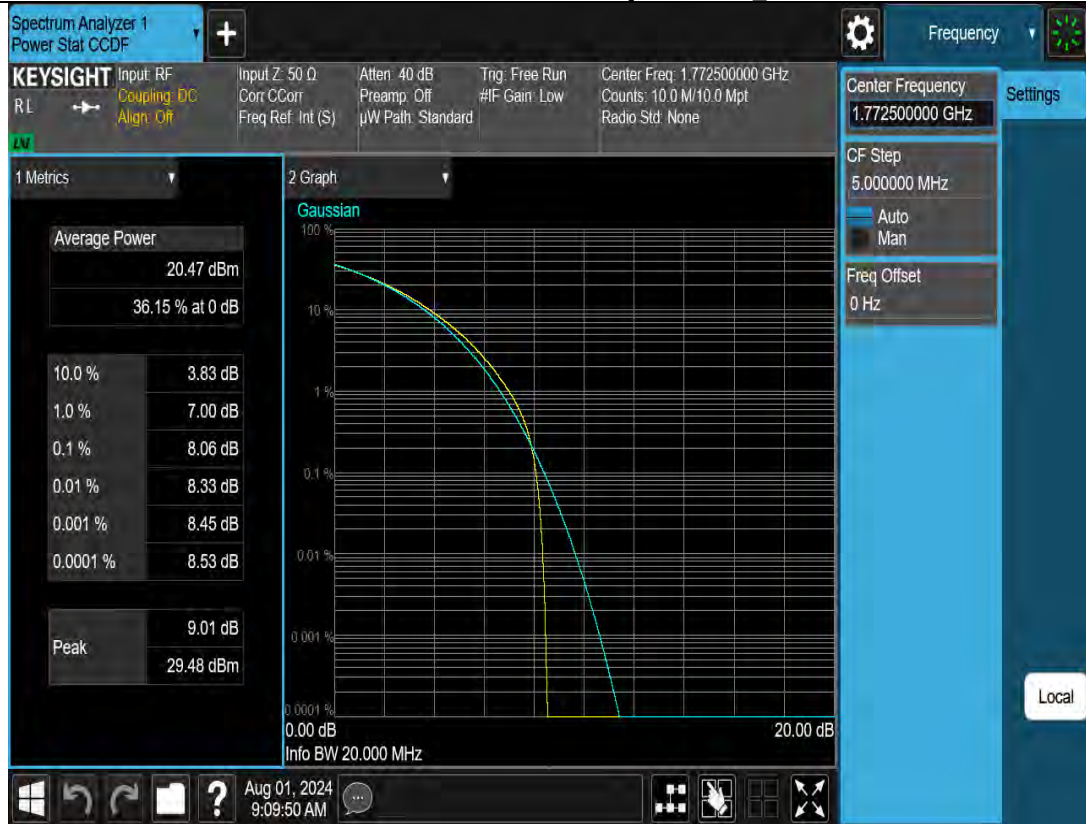
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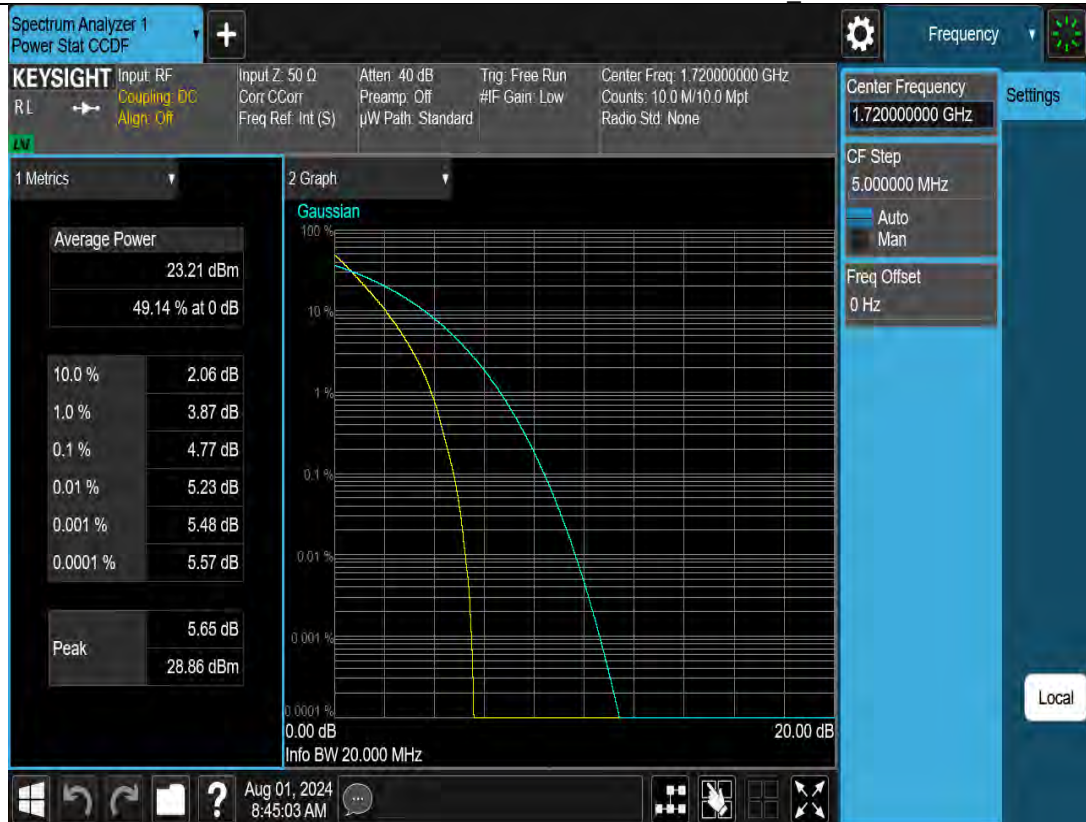
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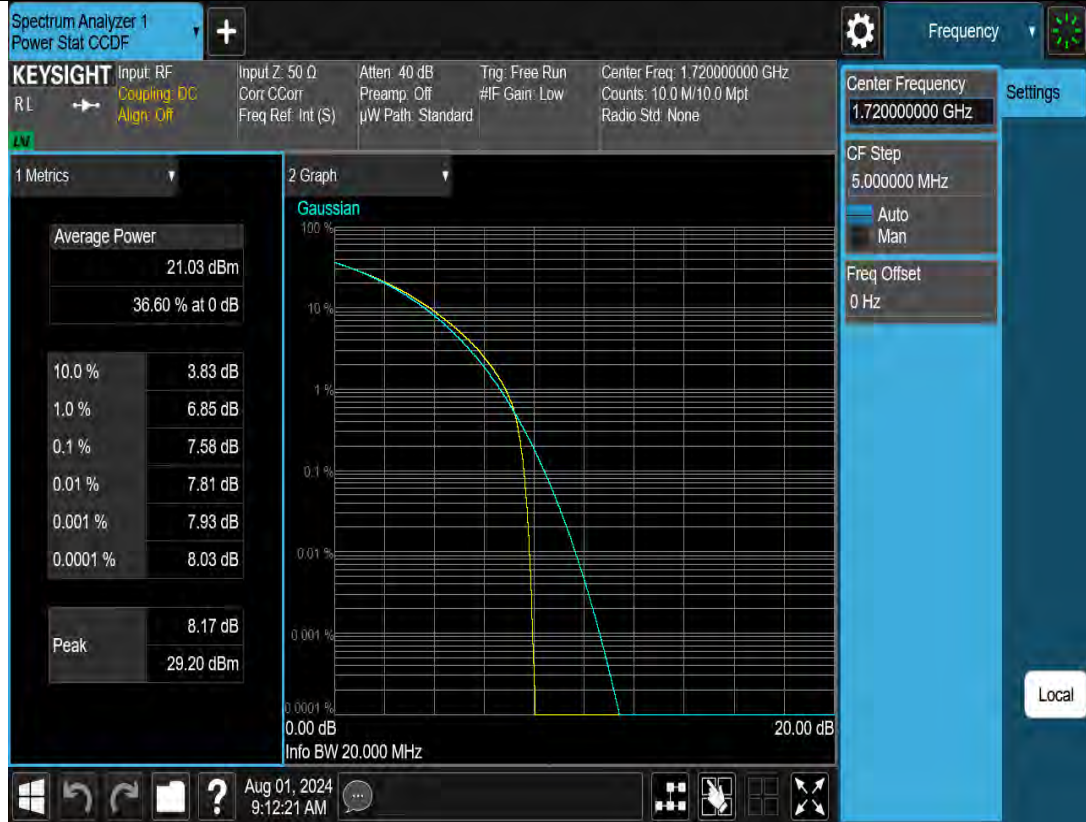
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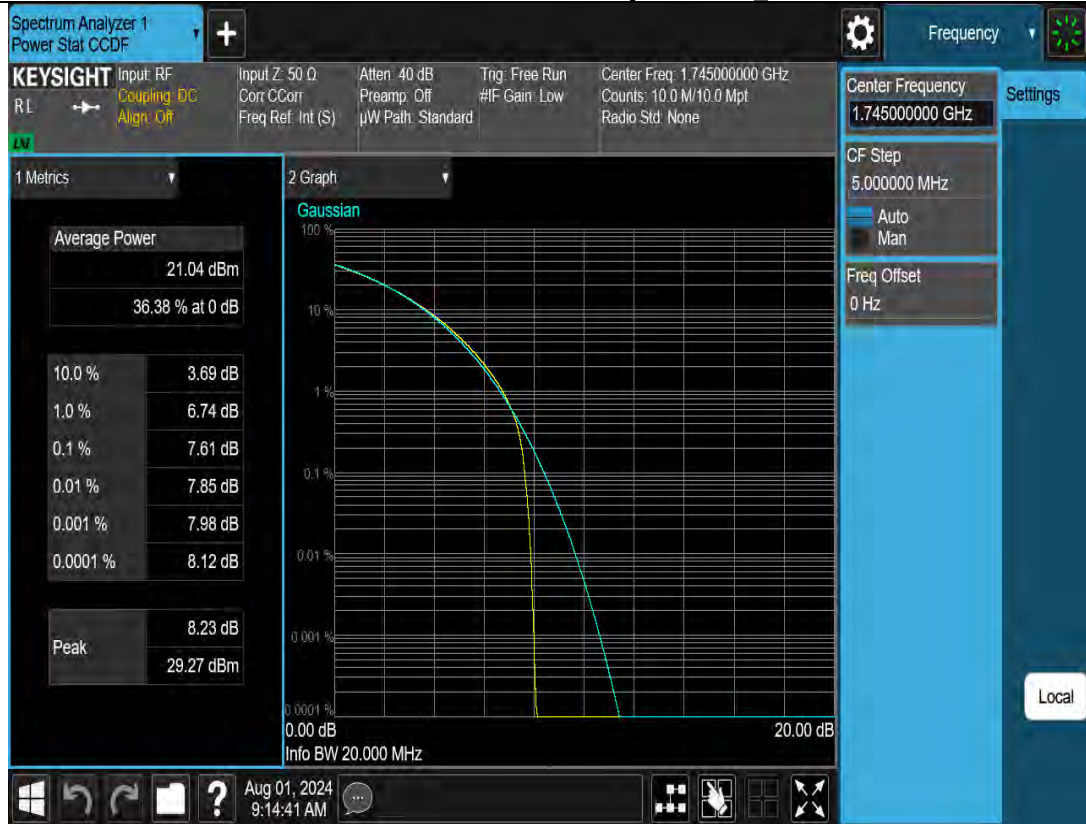
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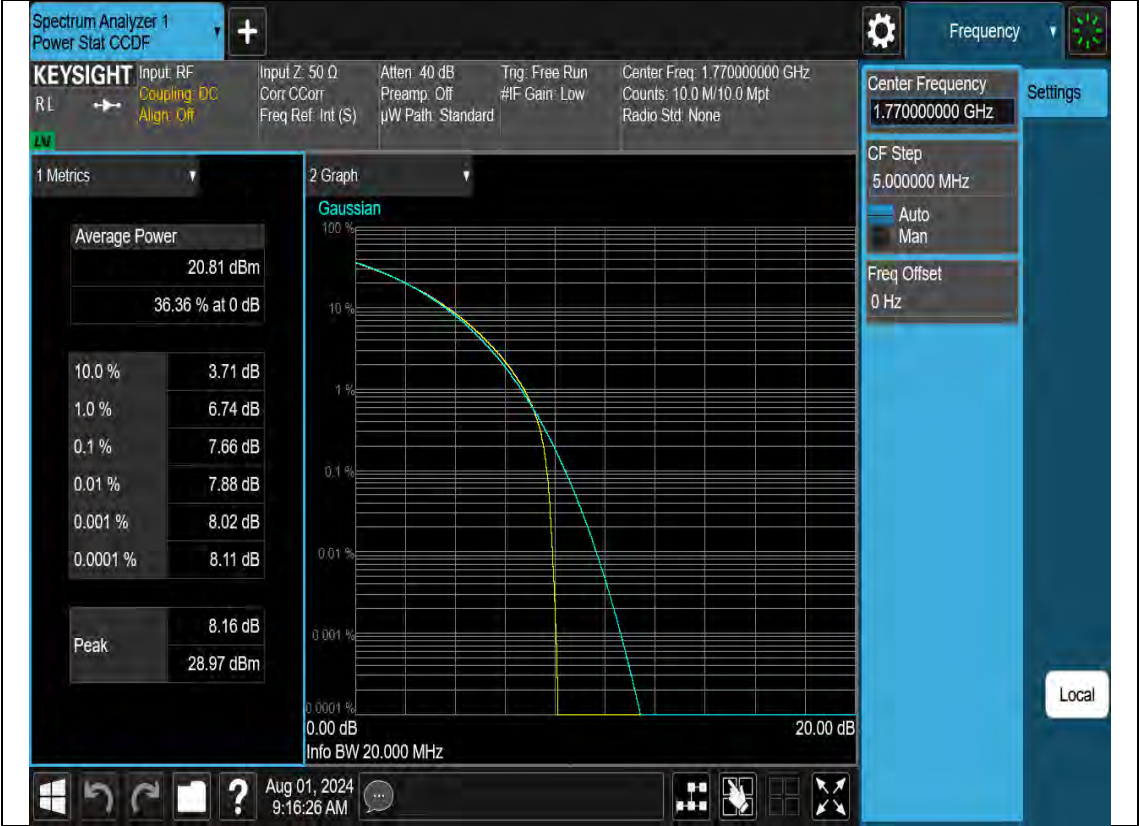
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N66-20M-PAPR-H-CP-OFDM-QPSK-Outer Full

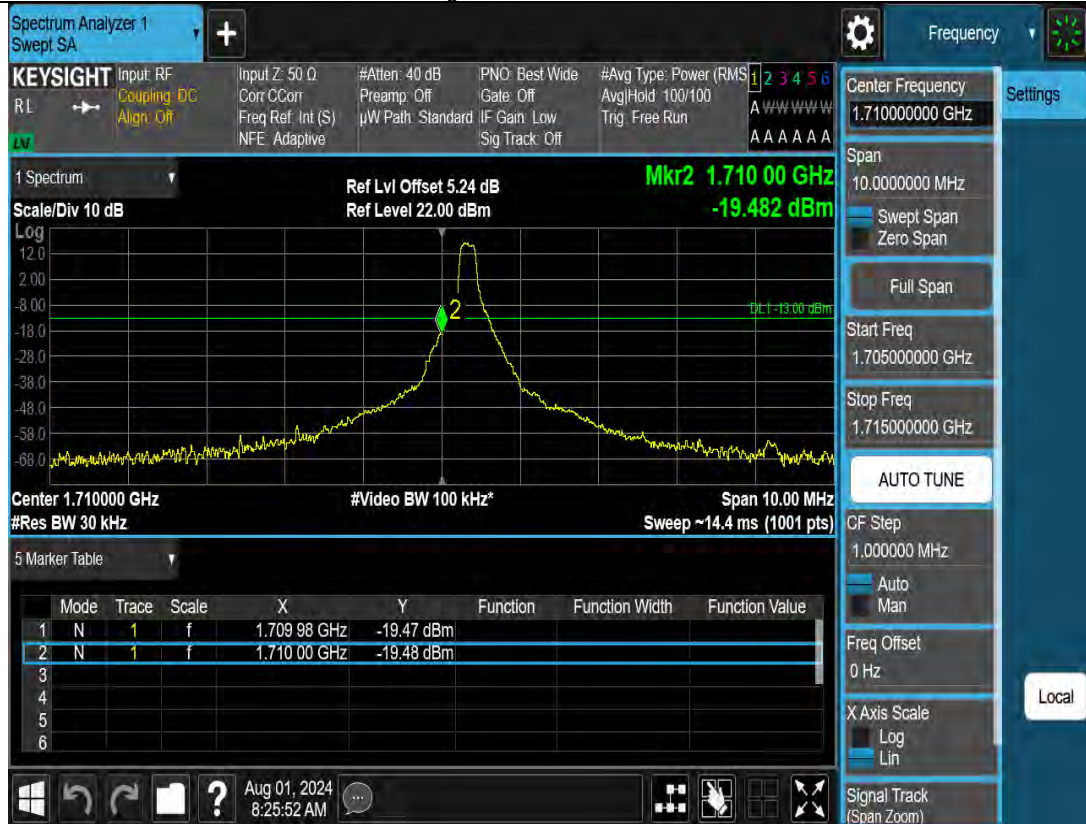


Bandedge

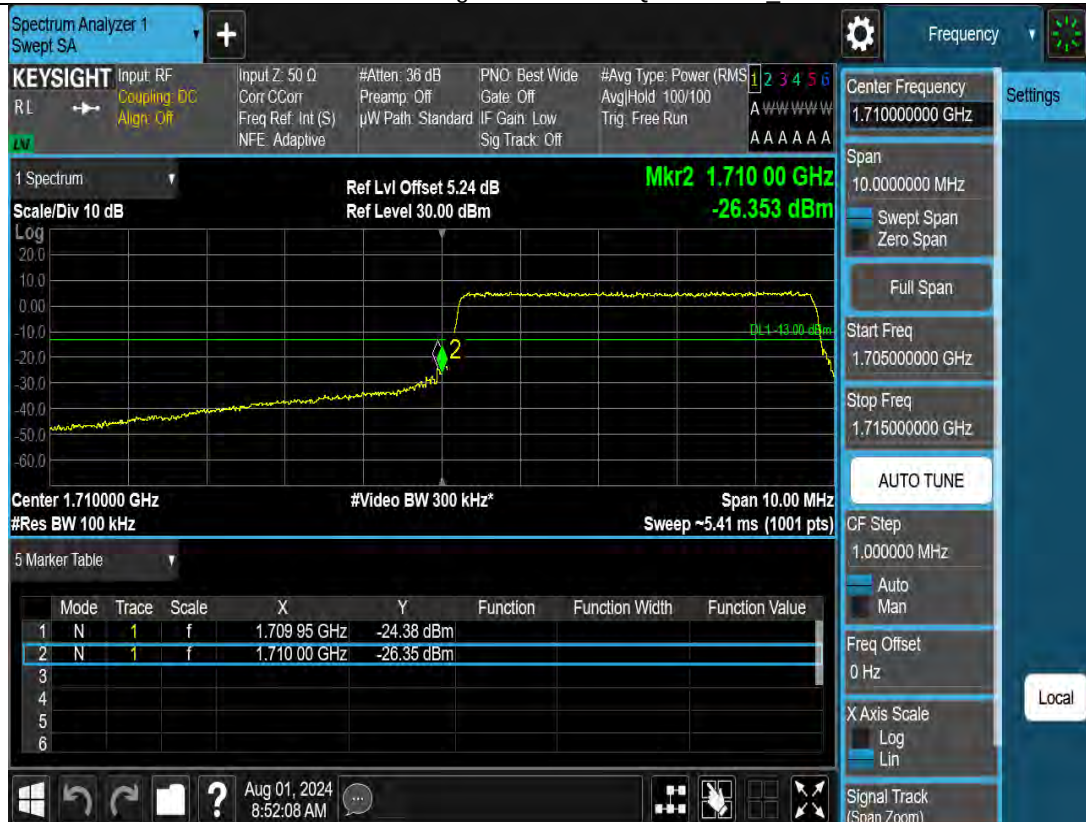
test graph



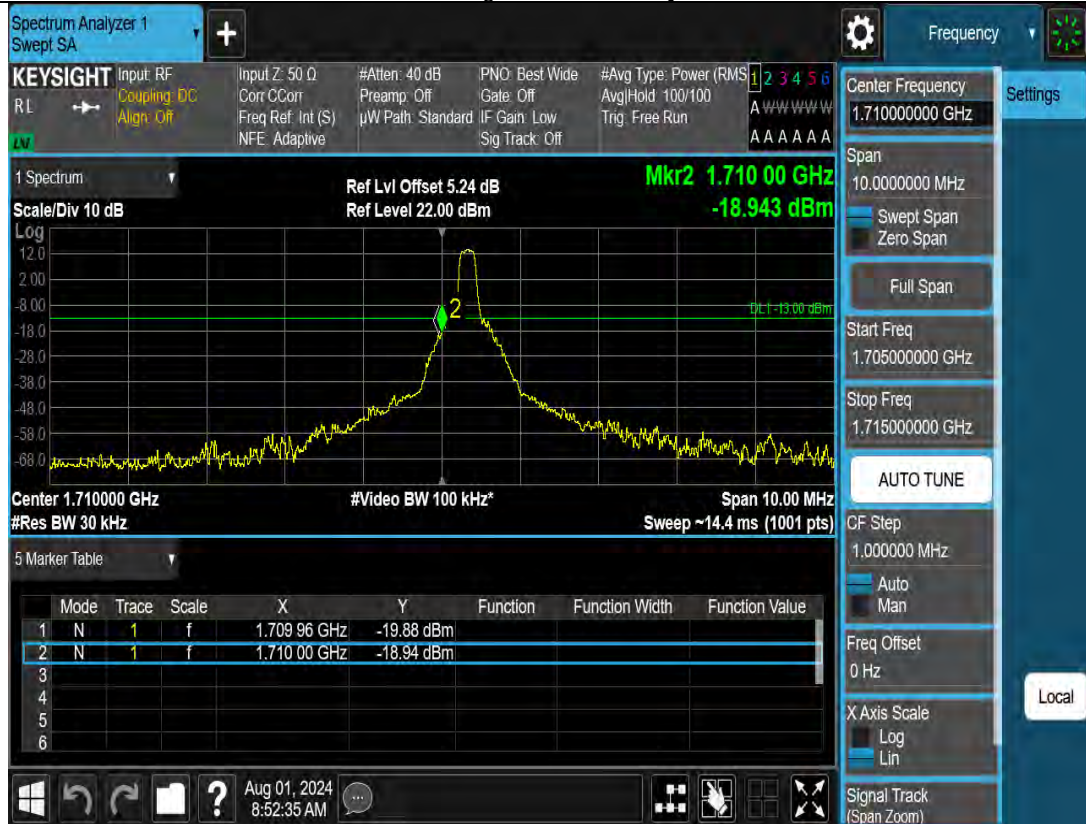
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N66-5M-Bandedge-L-CP-OFDM-QPSK-Outer Full



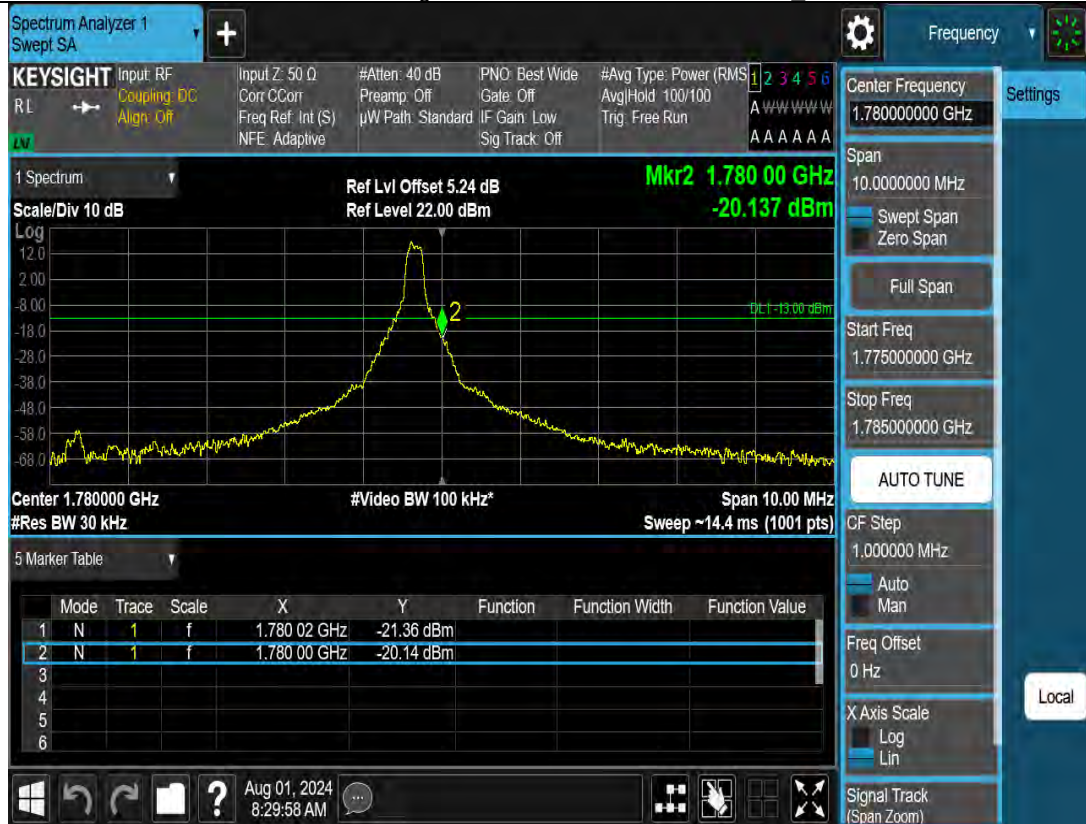
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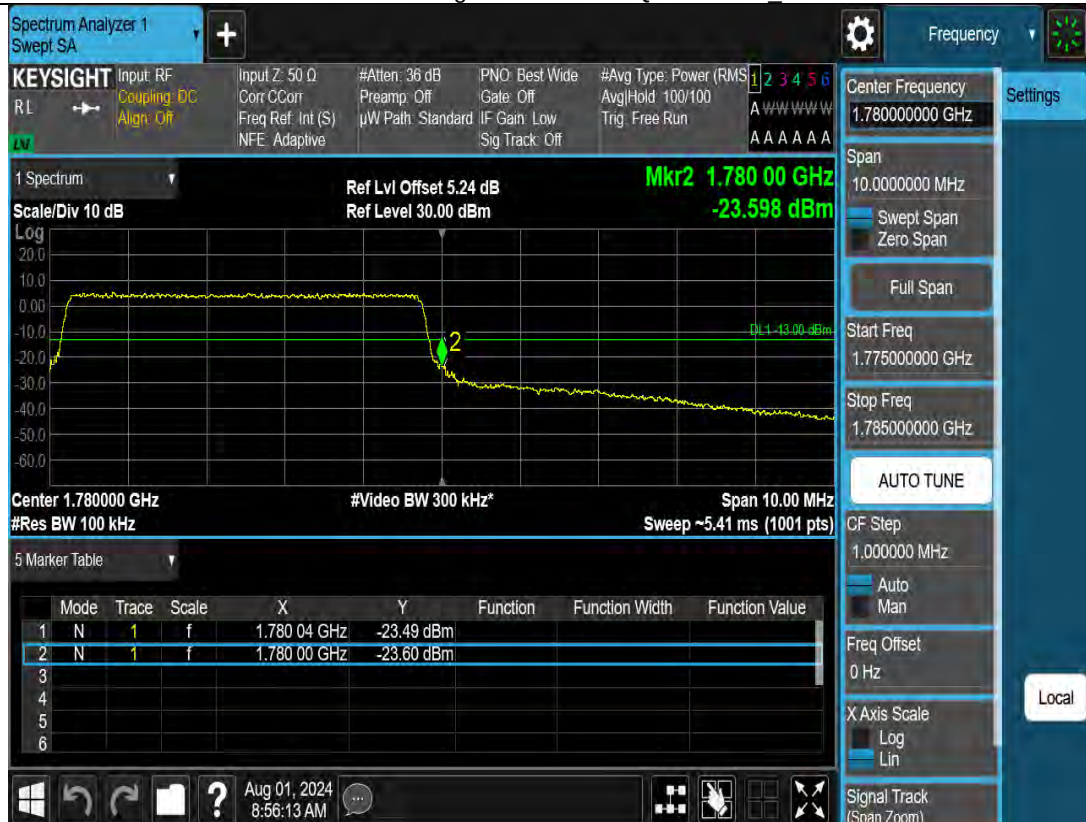
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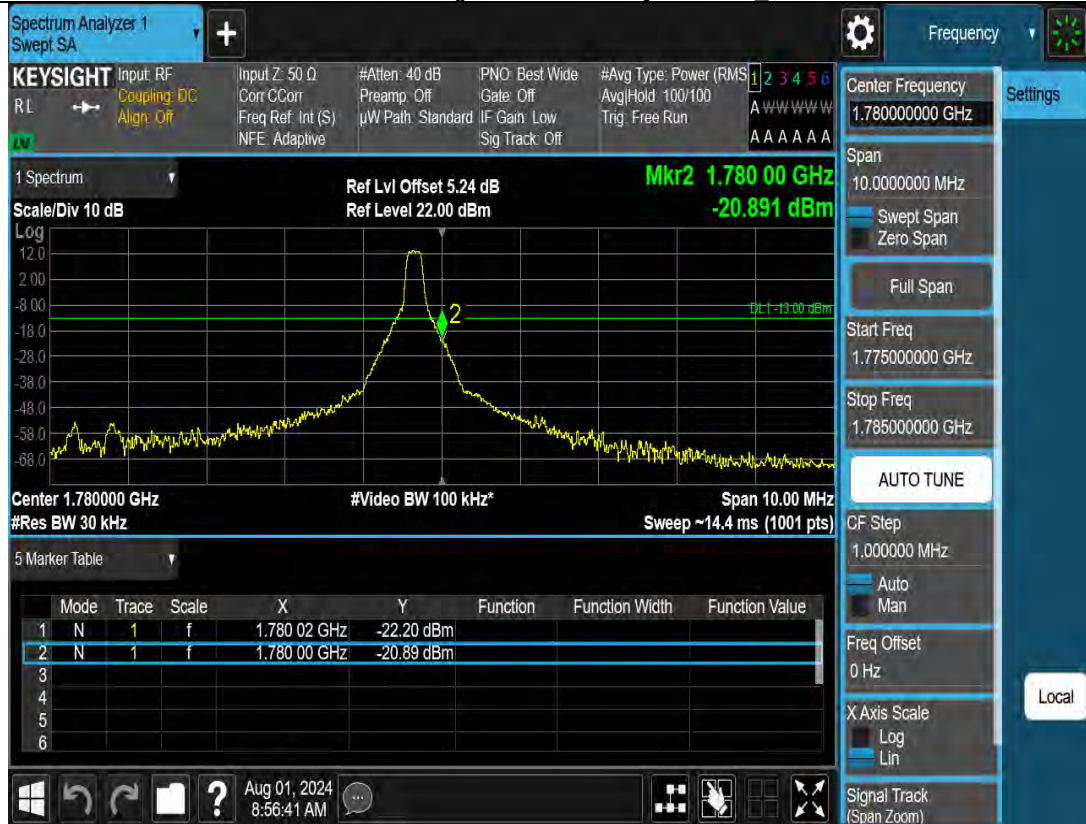
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N66-5M-Bandedge-H-CP-OFDM-QPSK-Outer Full



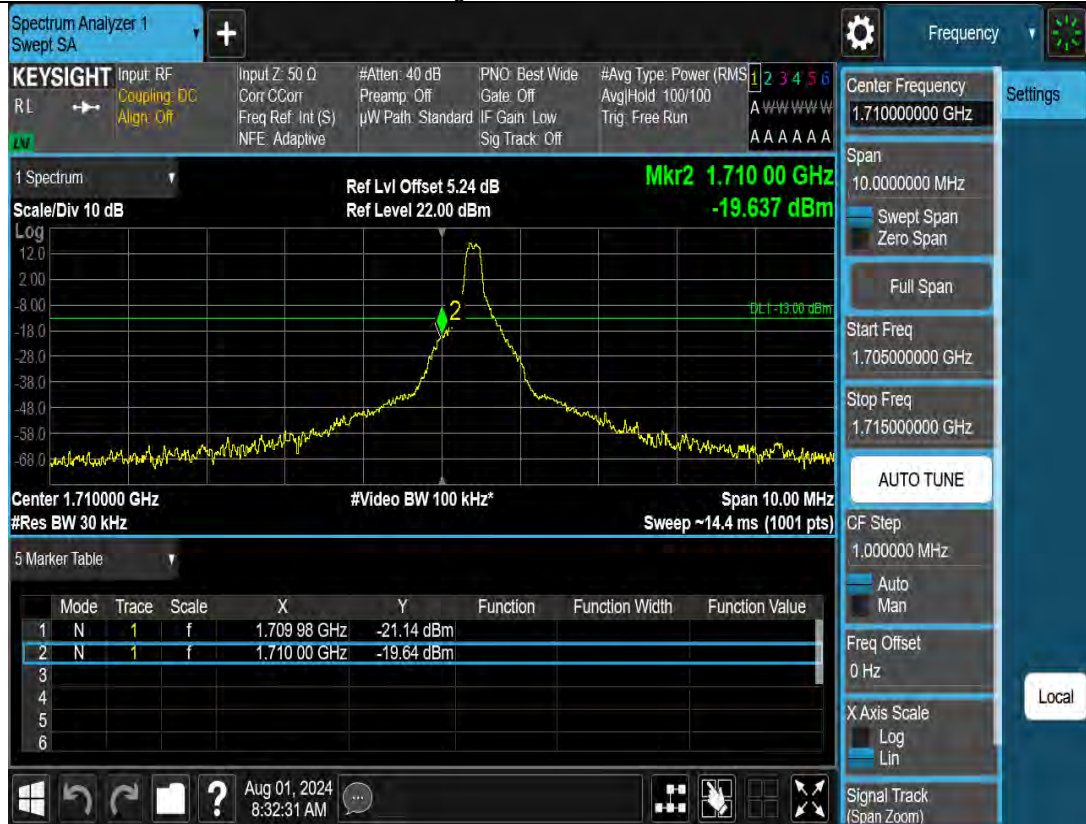
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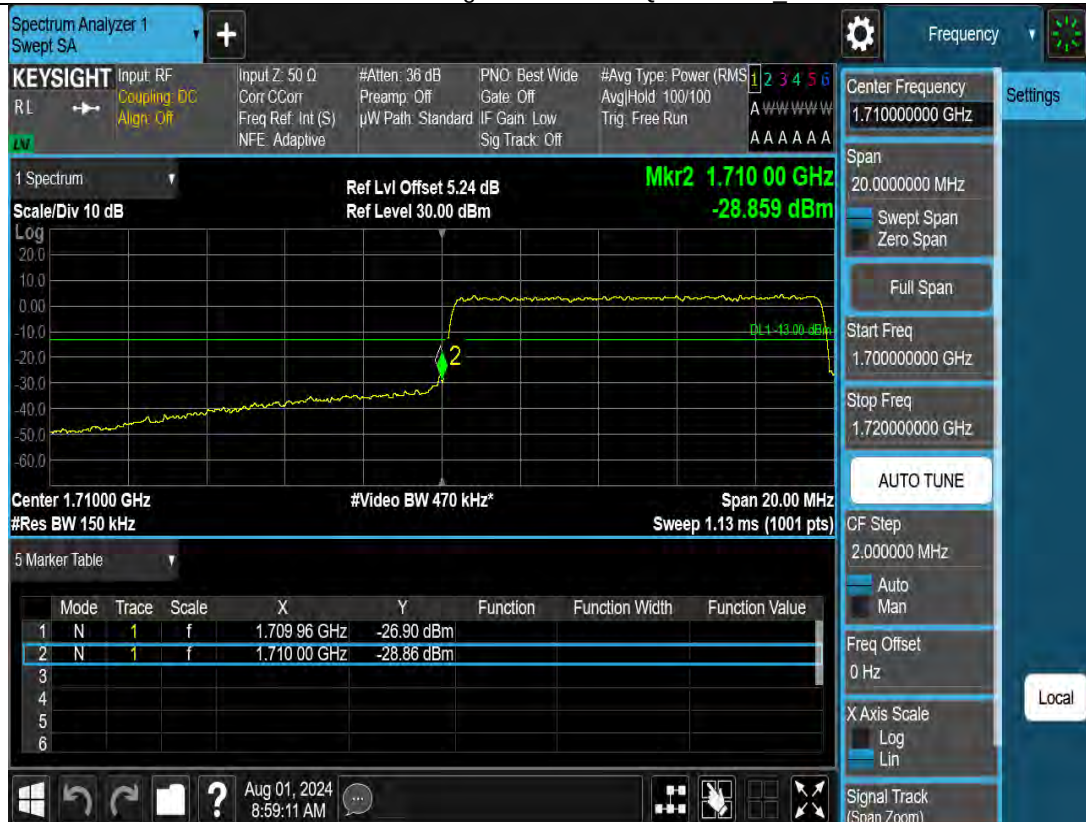
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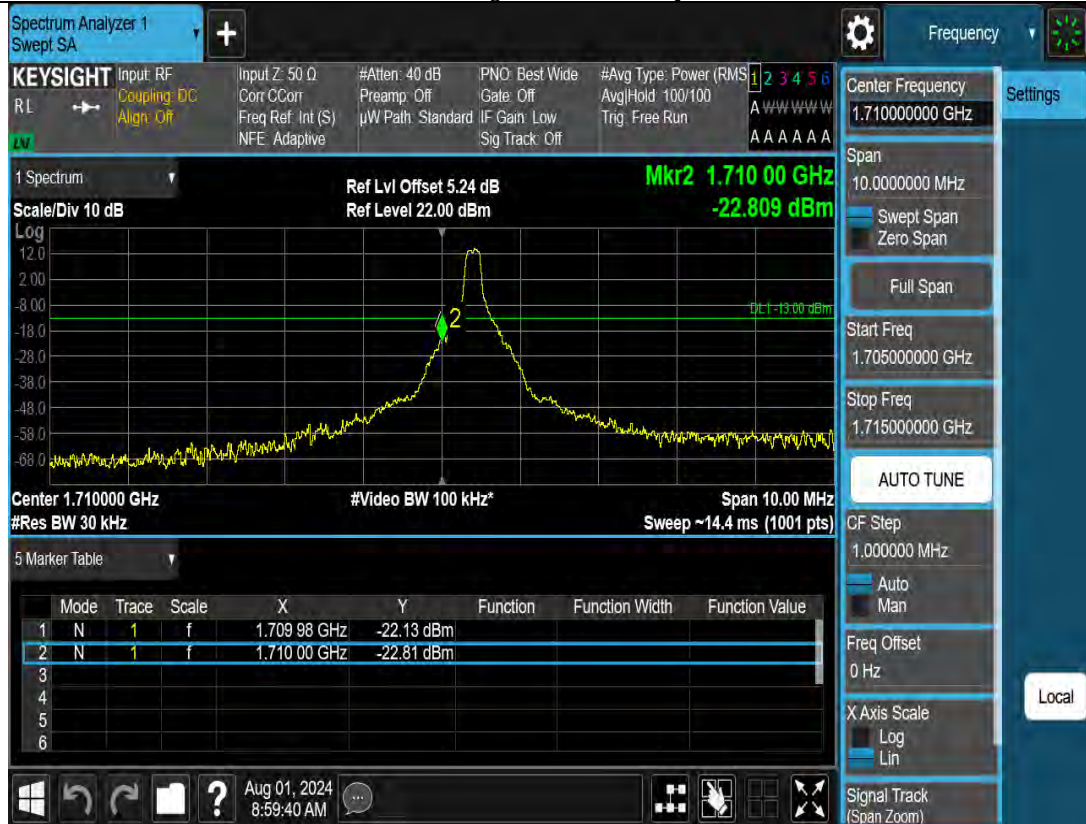
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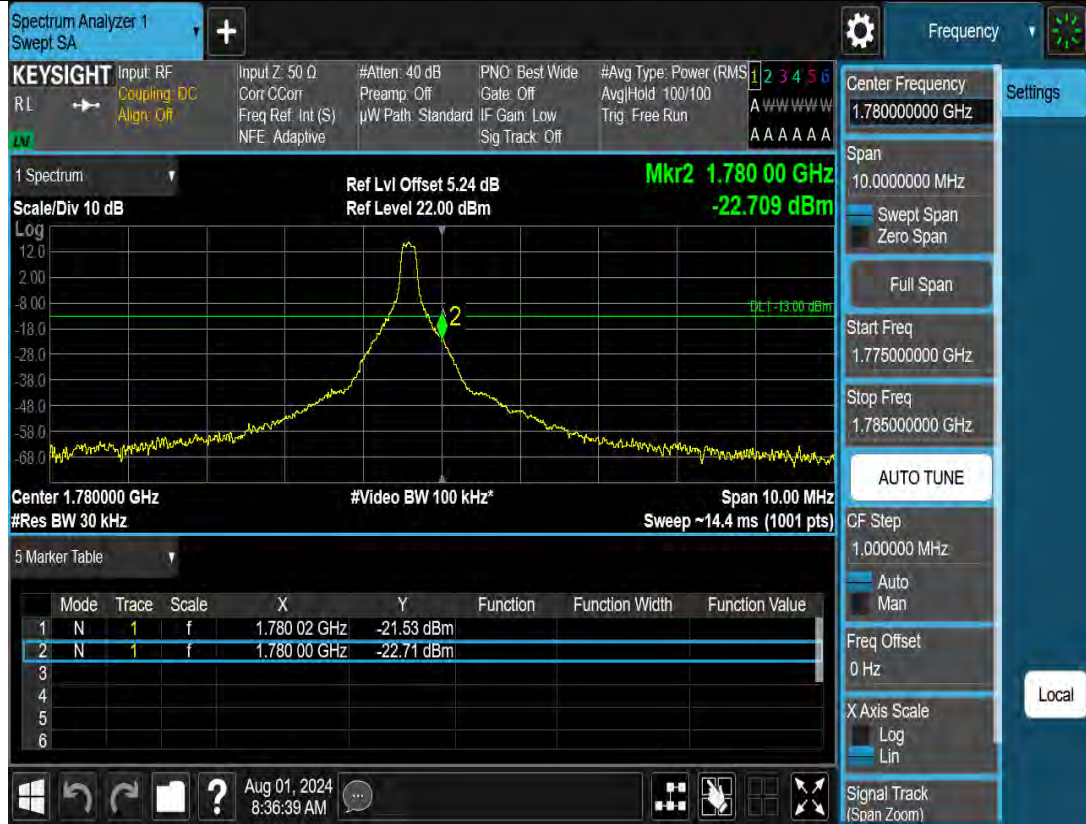
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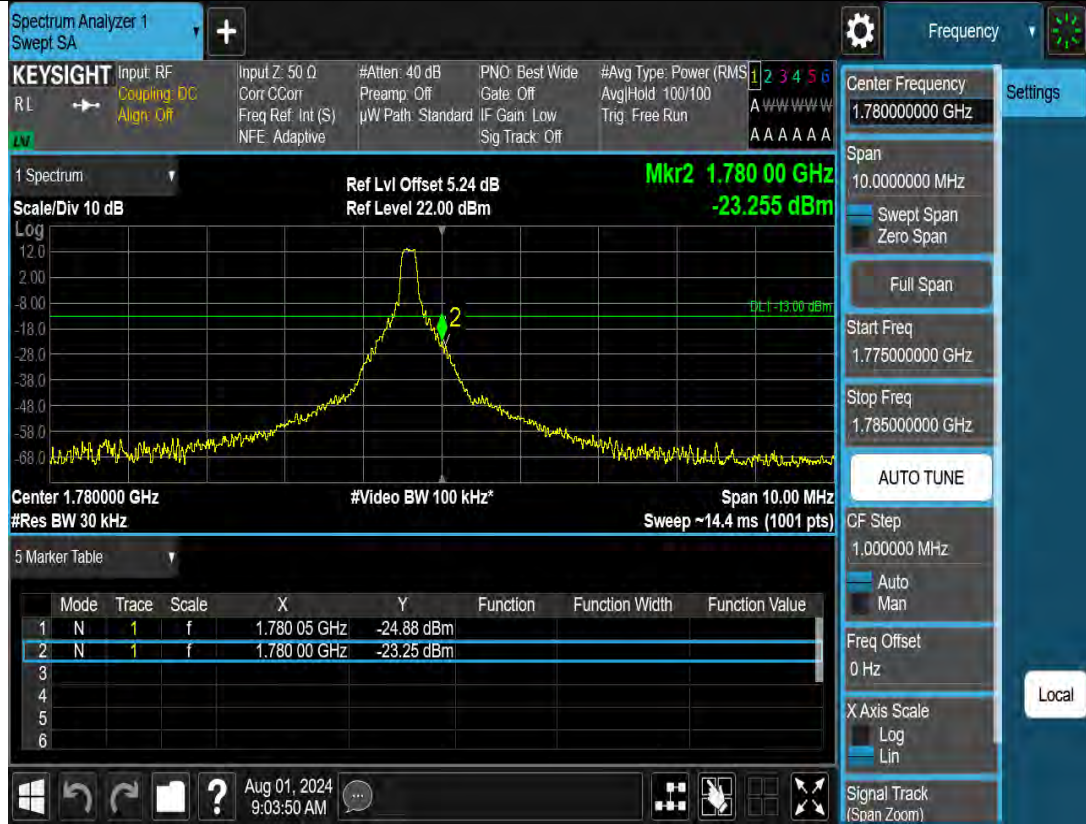
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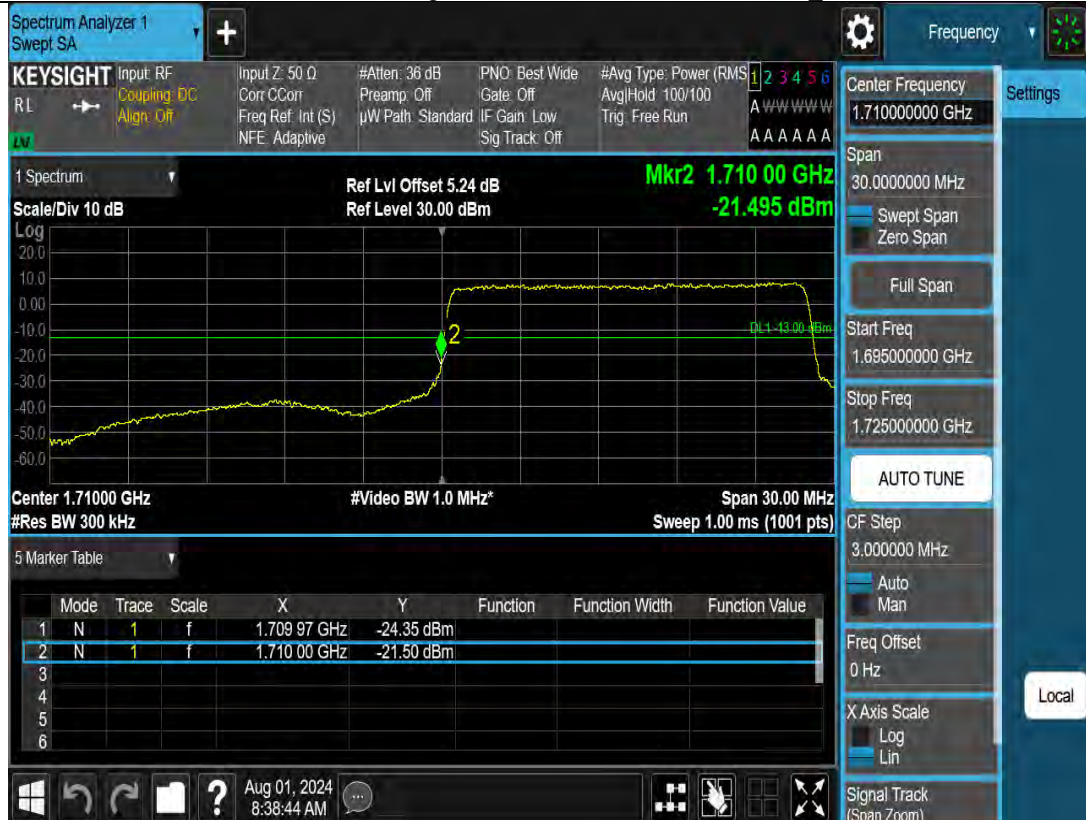
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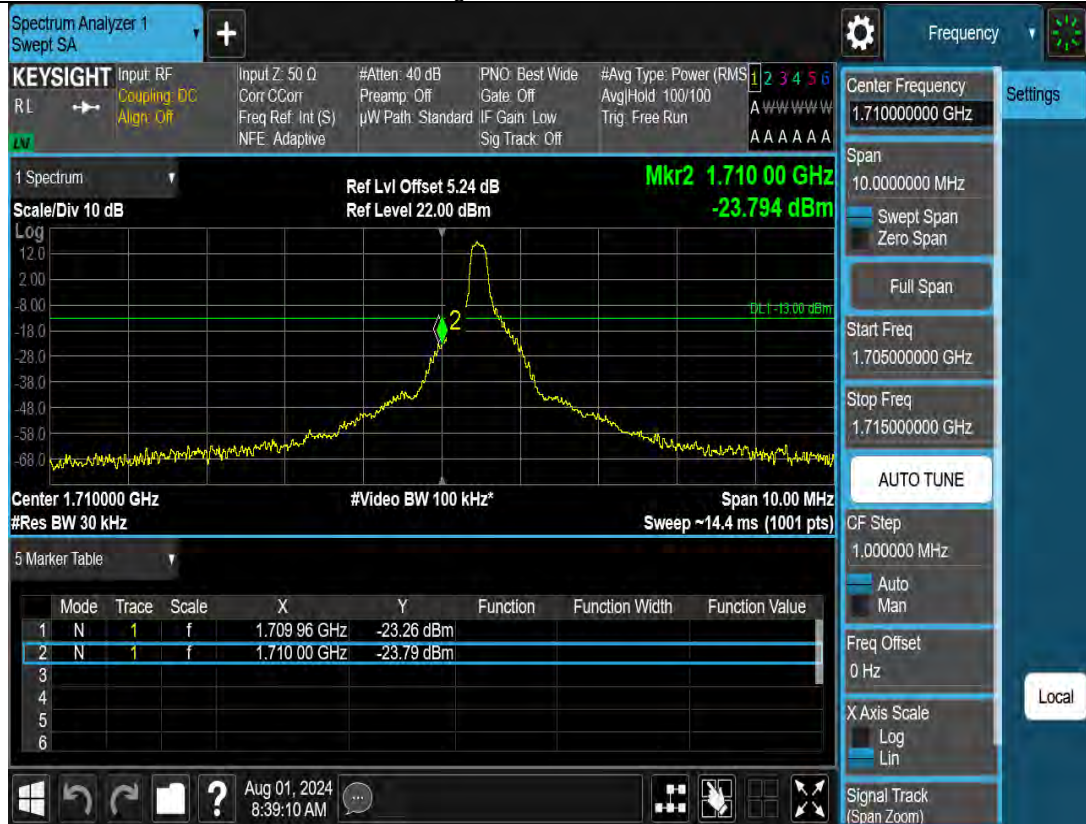
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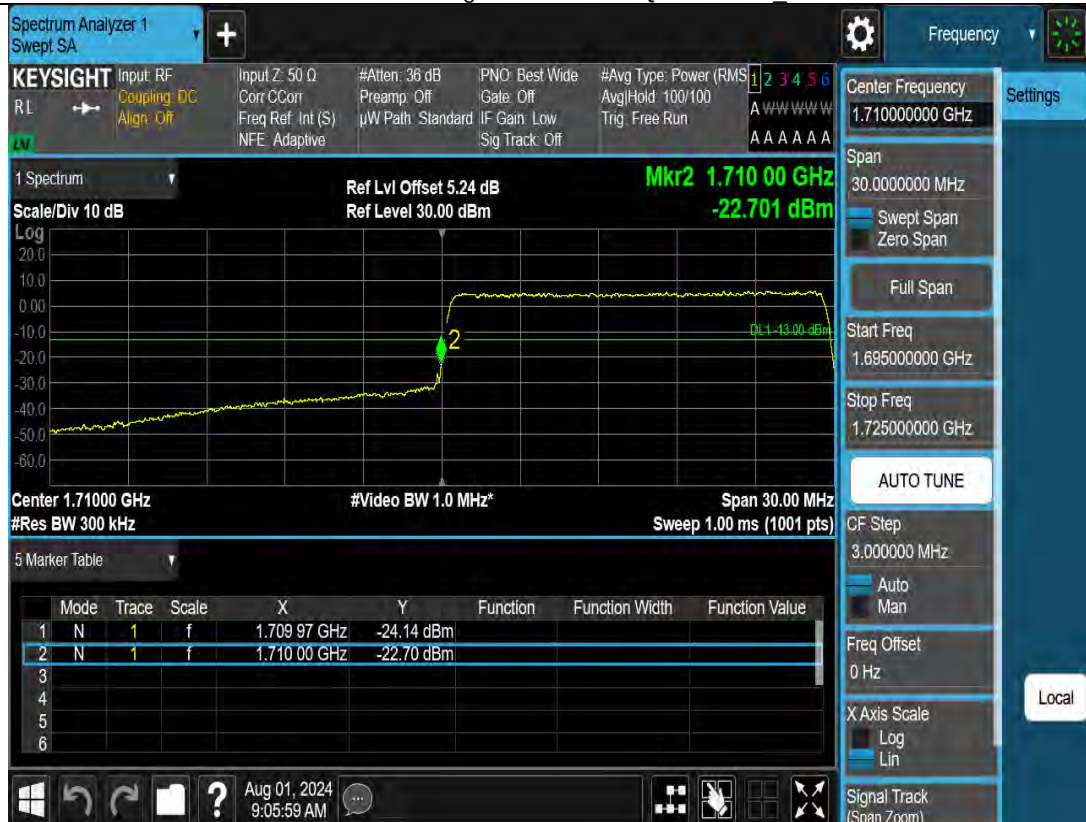
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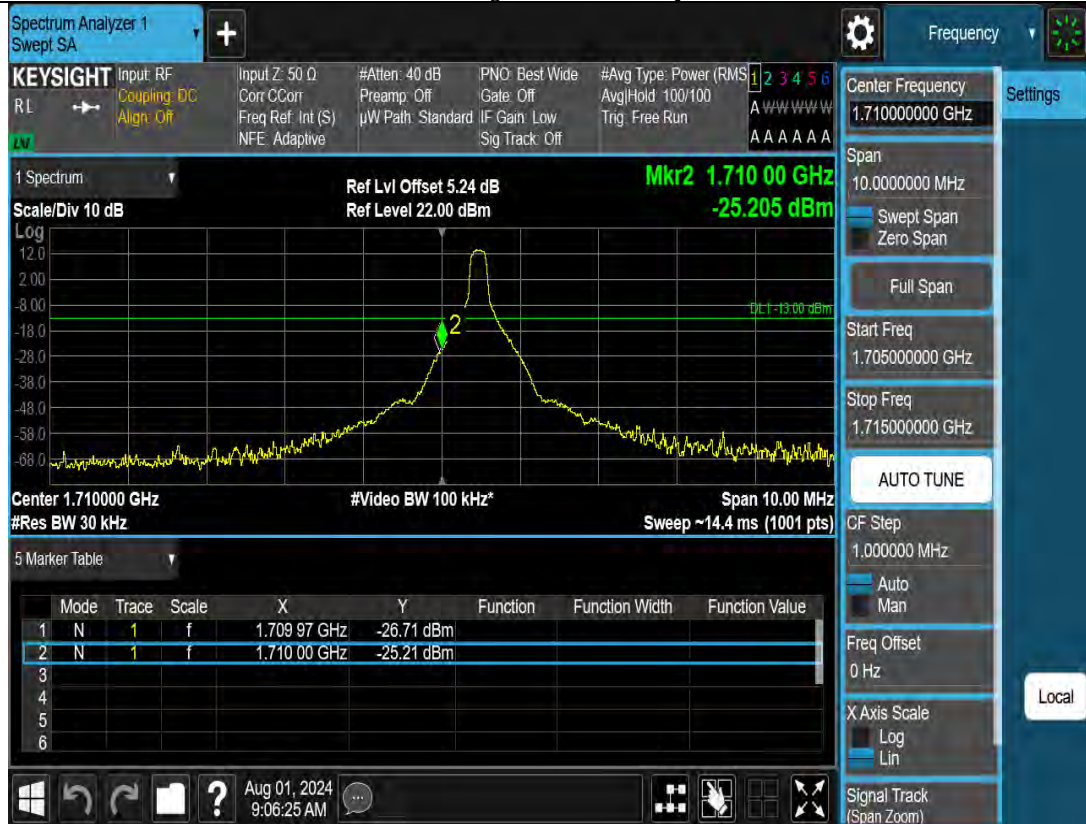
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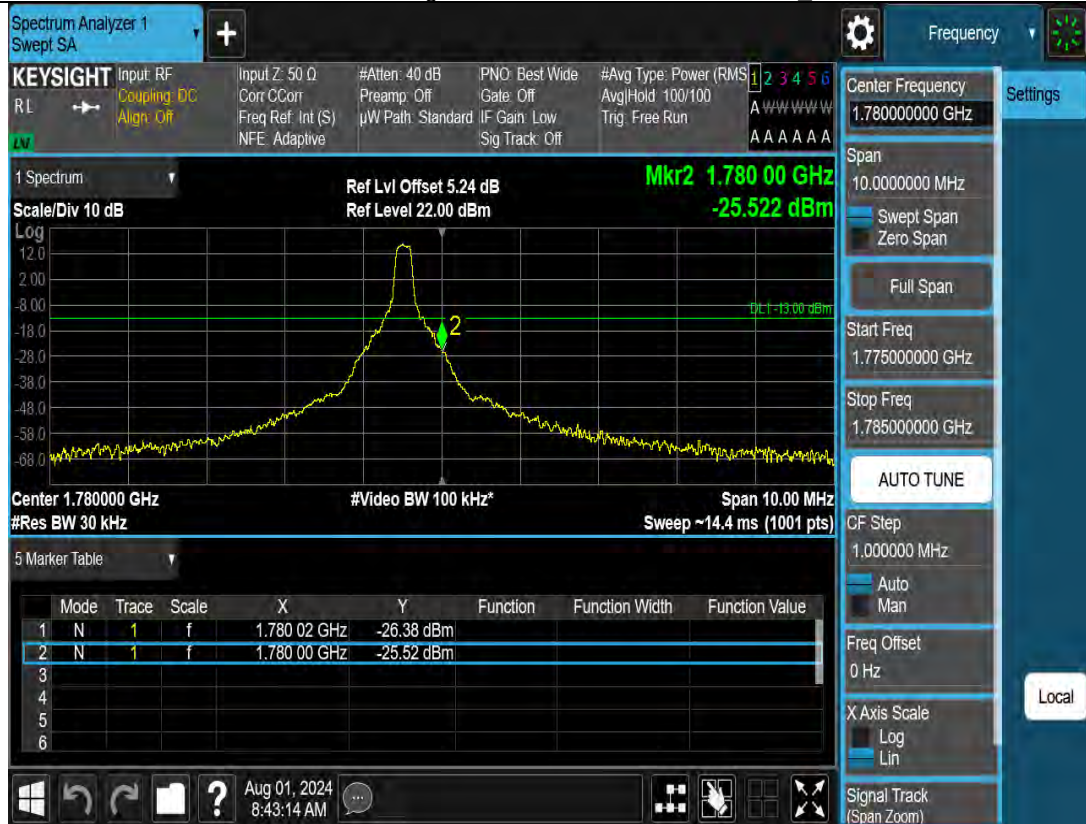
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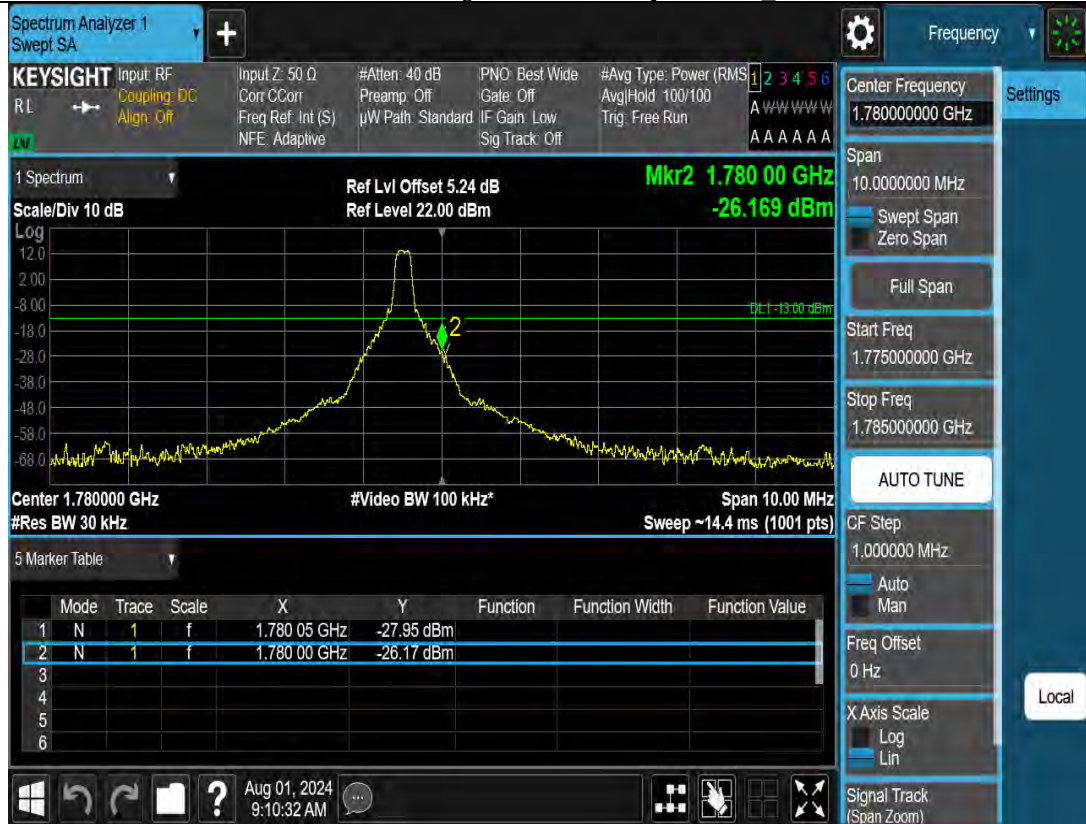
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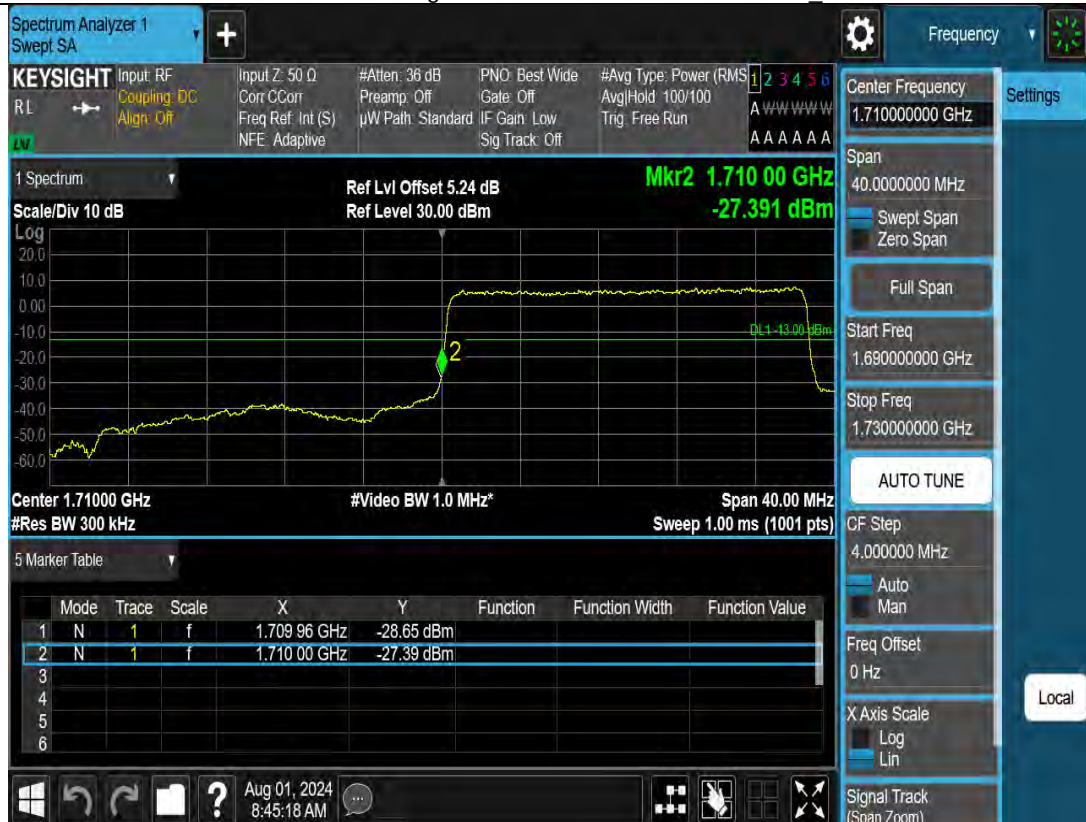
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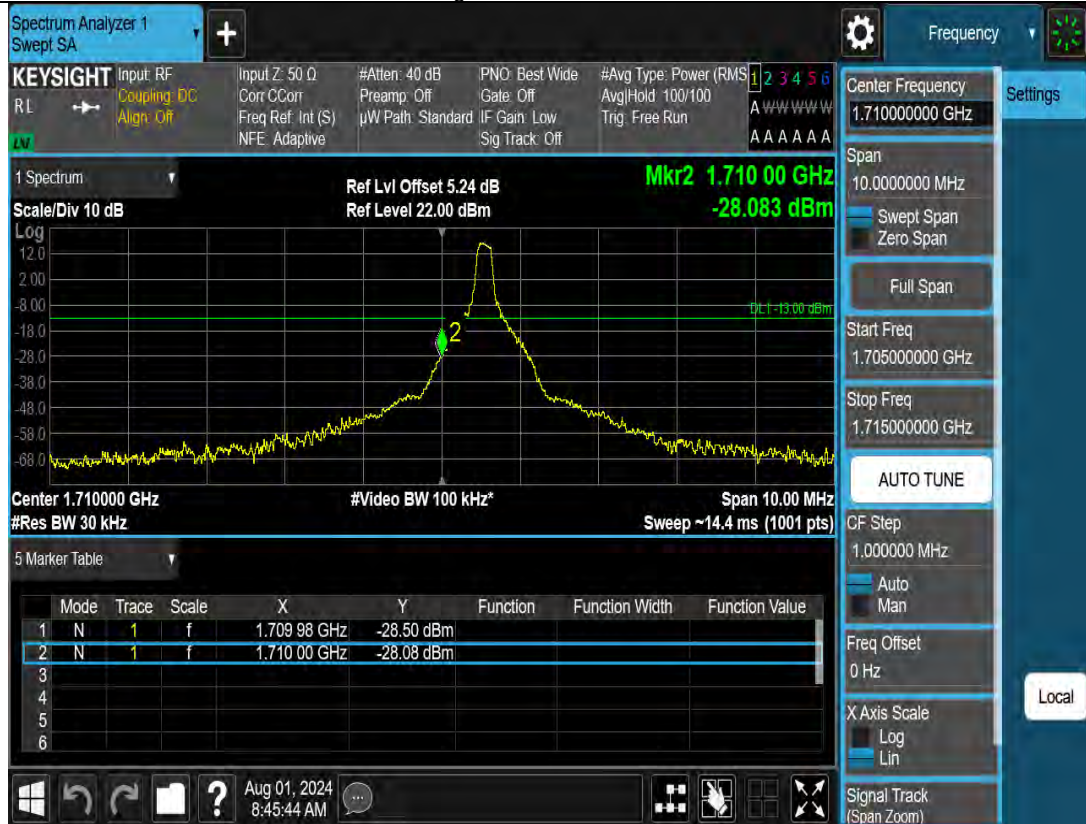
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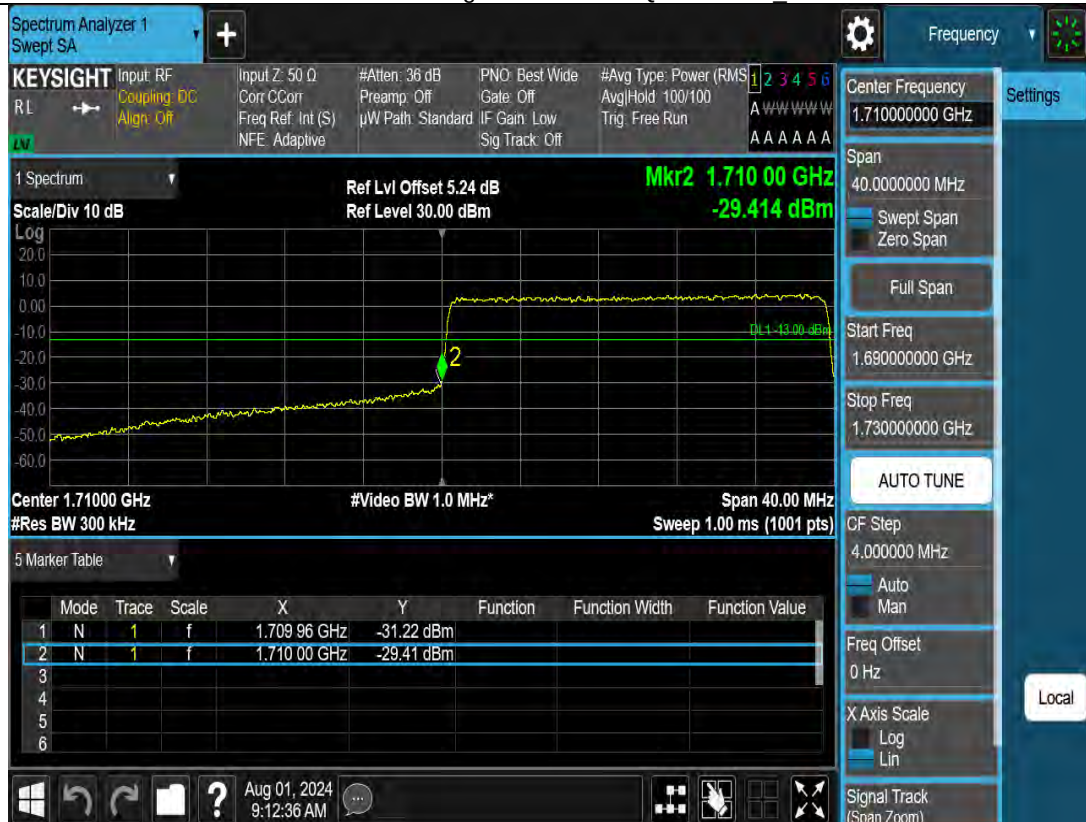
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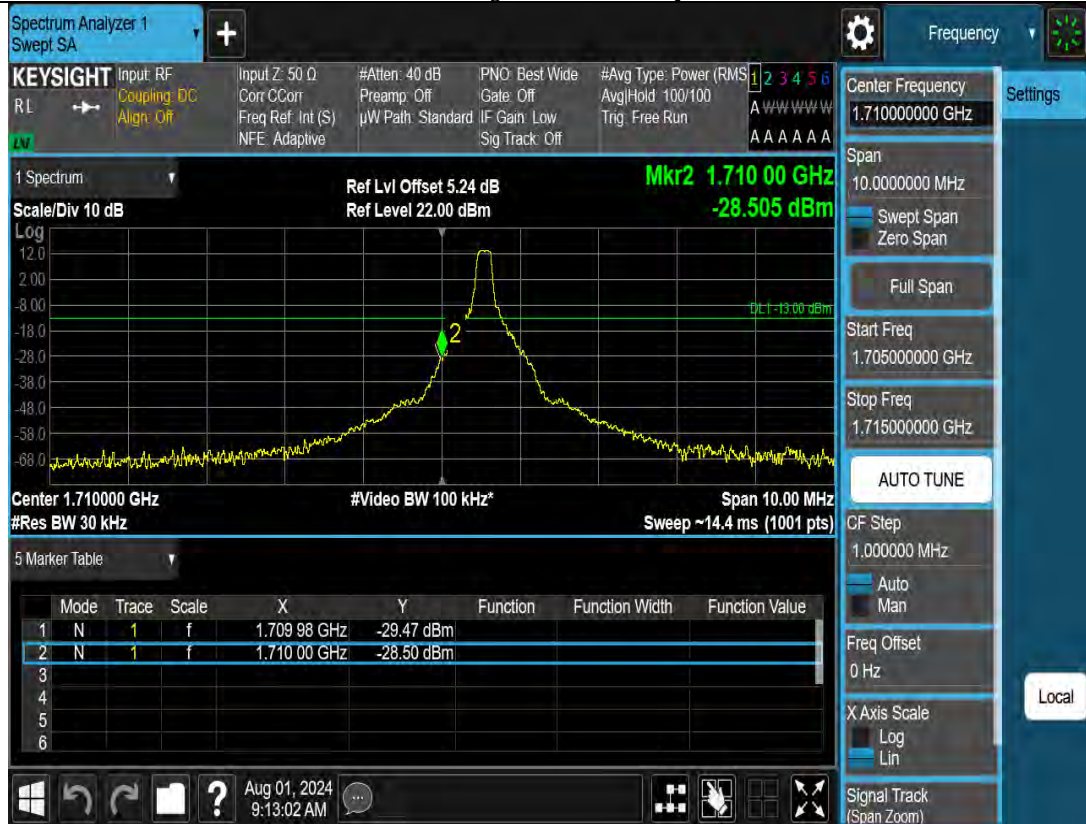
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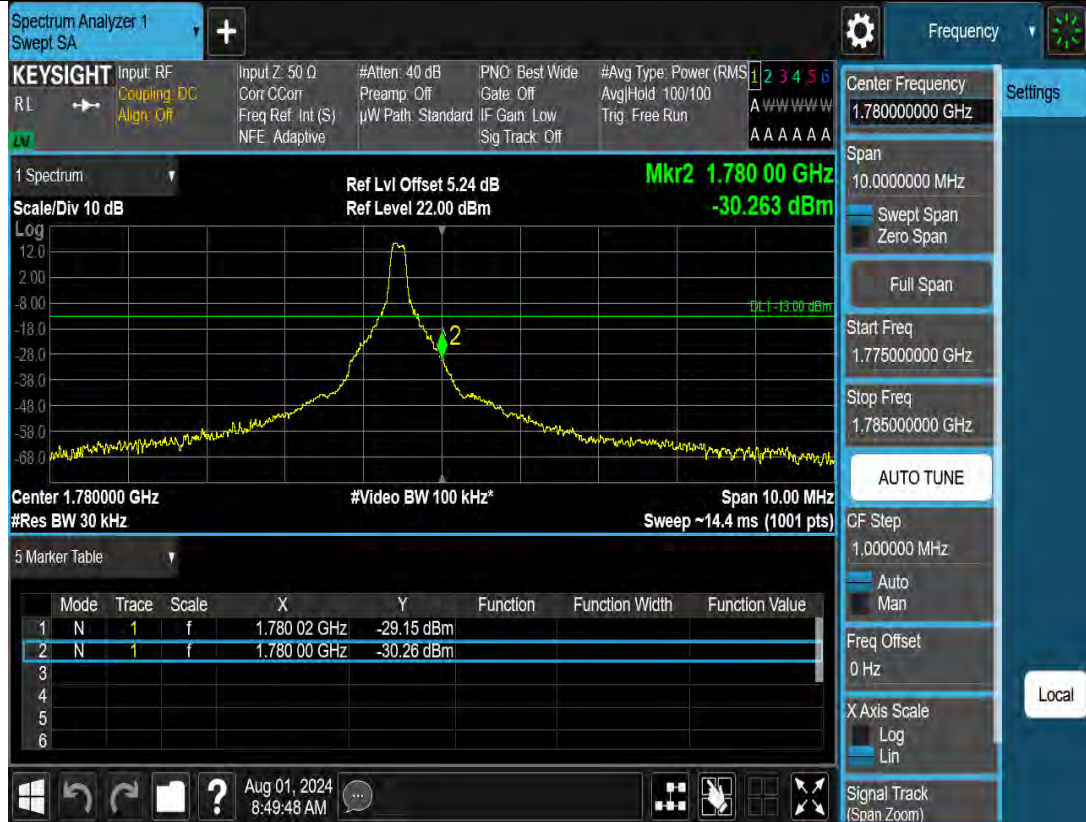
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N66-20M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



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N66-20M-Bandedge-H-CP-OFDM-QPSK-Outer Full

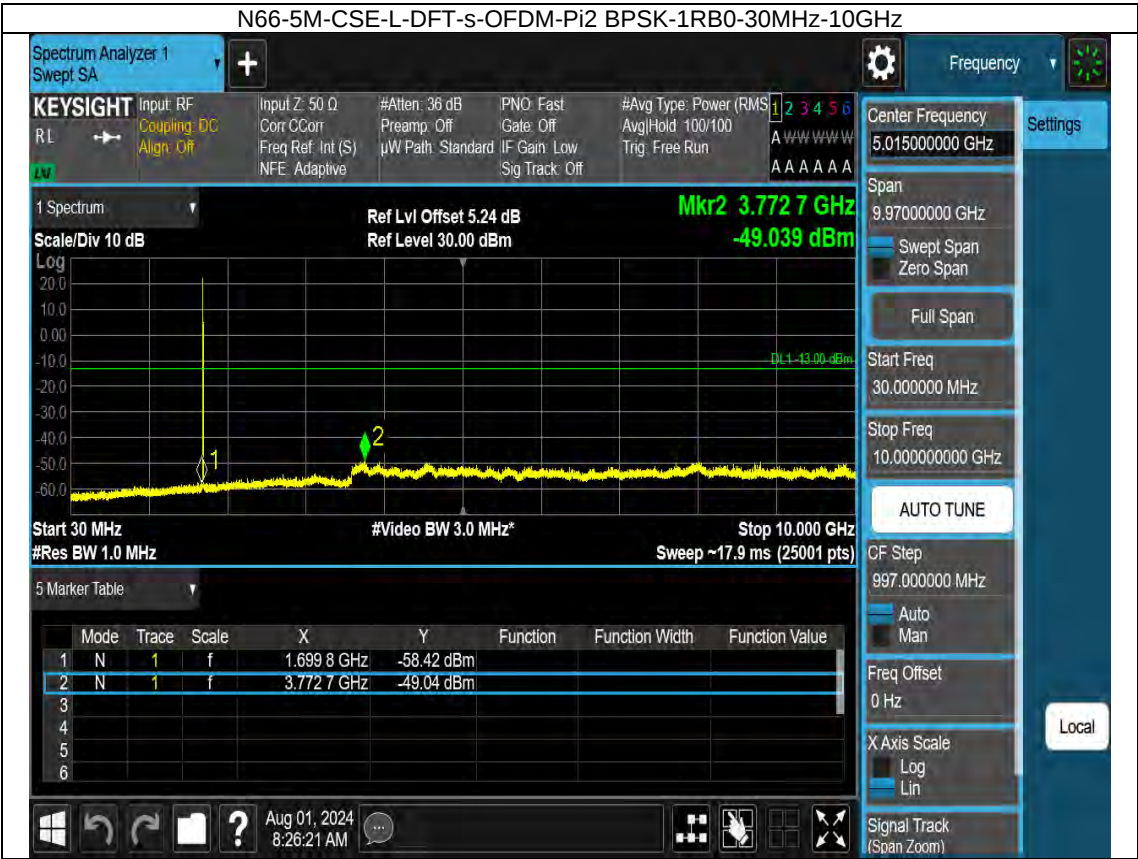


N66-20M-Bandedge-H-CP-OFDM-QPSK-1RB MAX

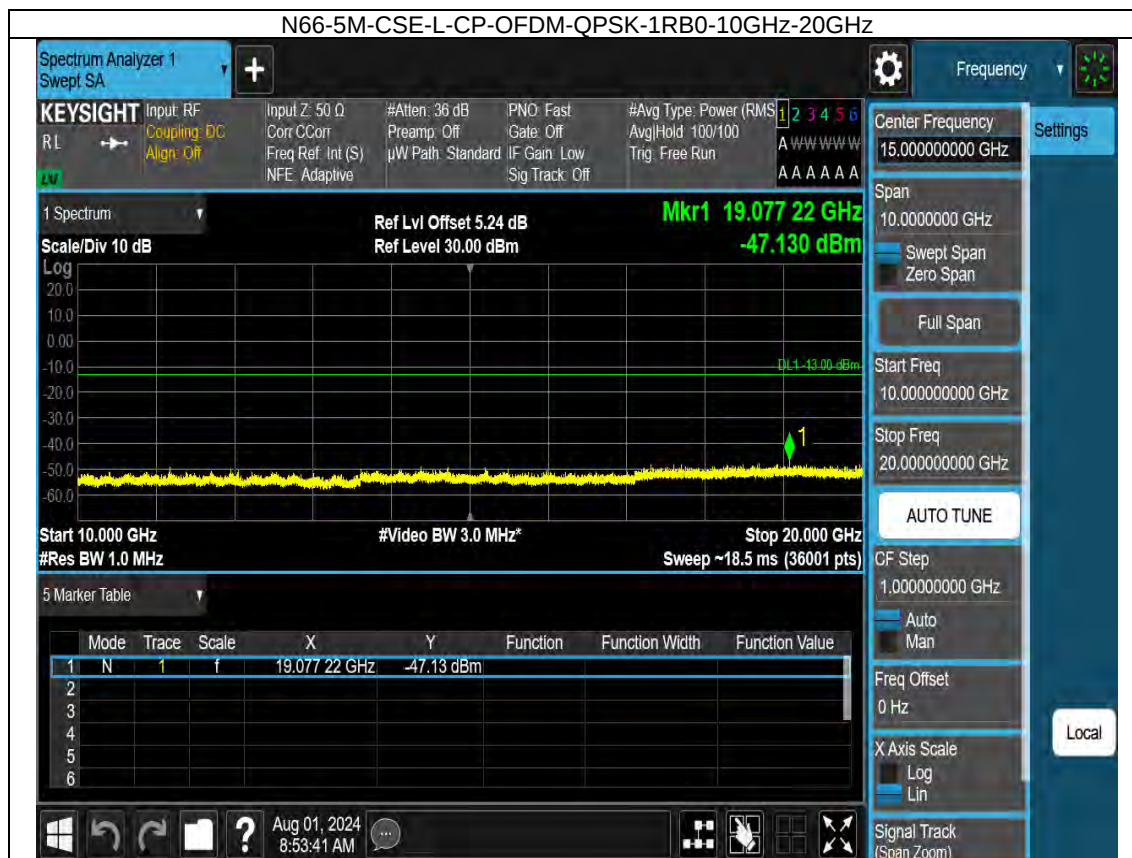


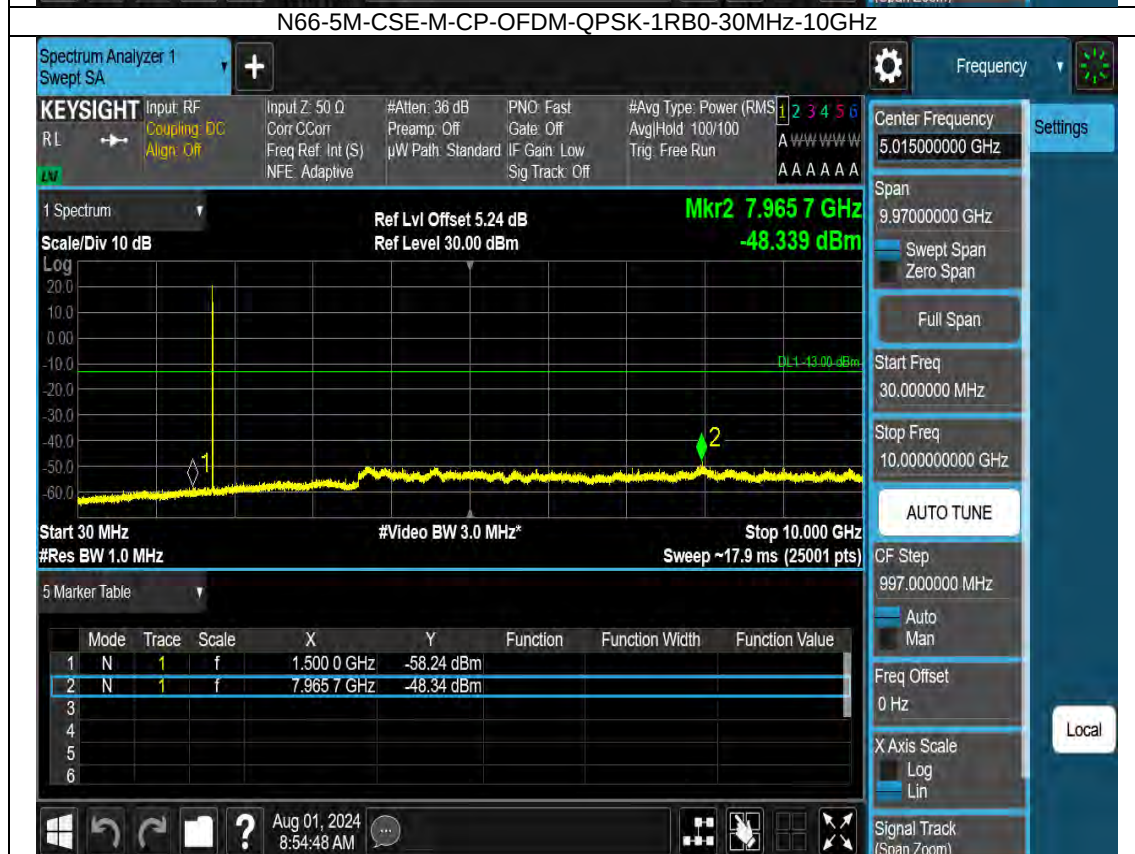
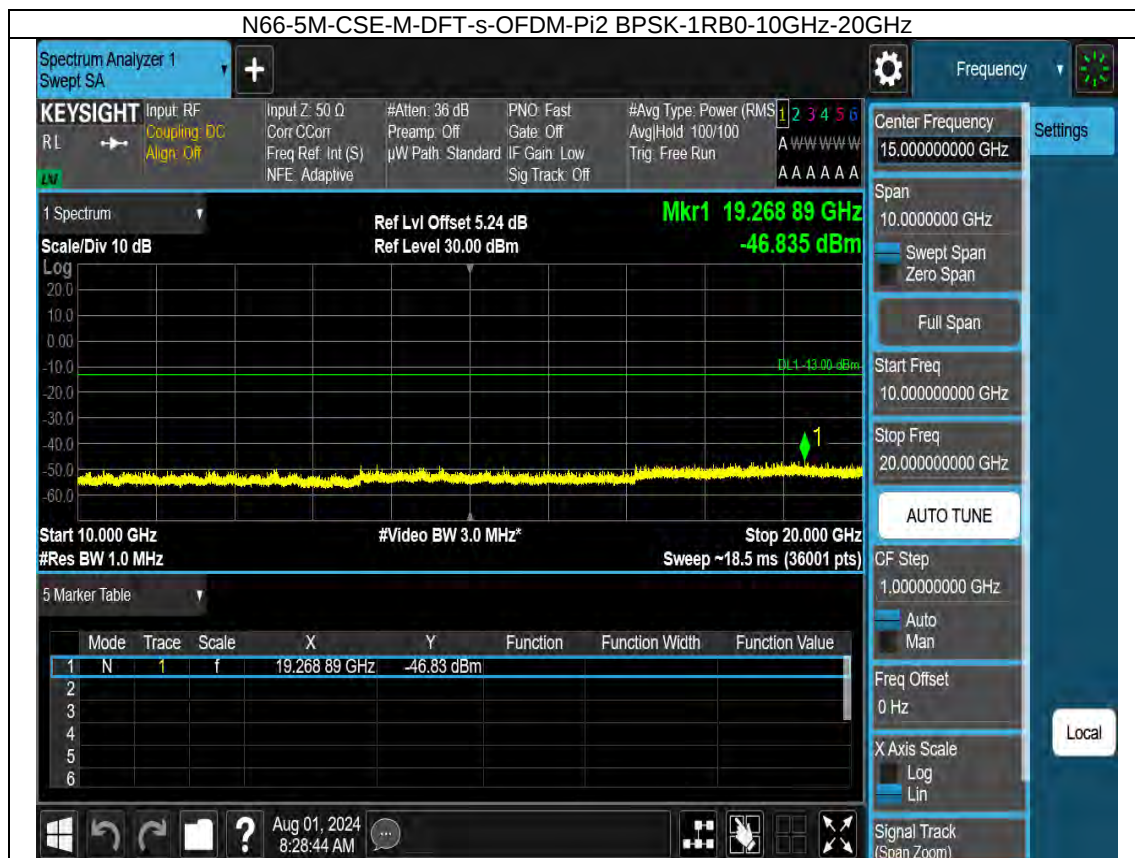
Conducted spurious emissions

test graph





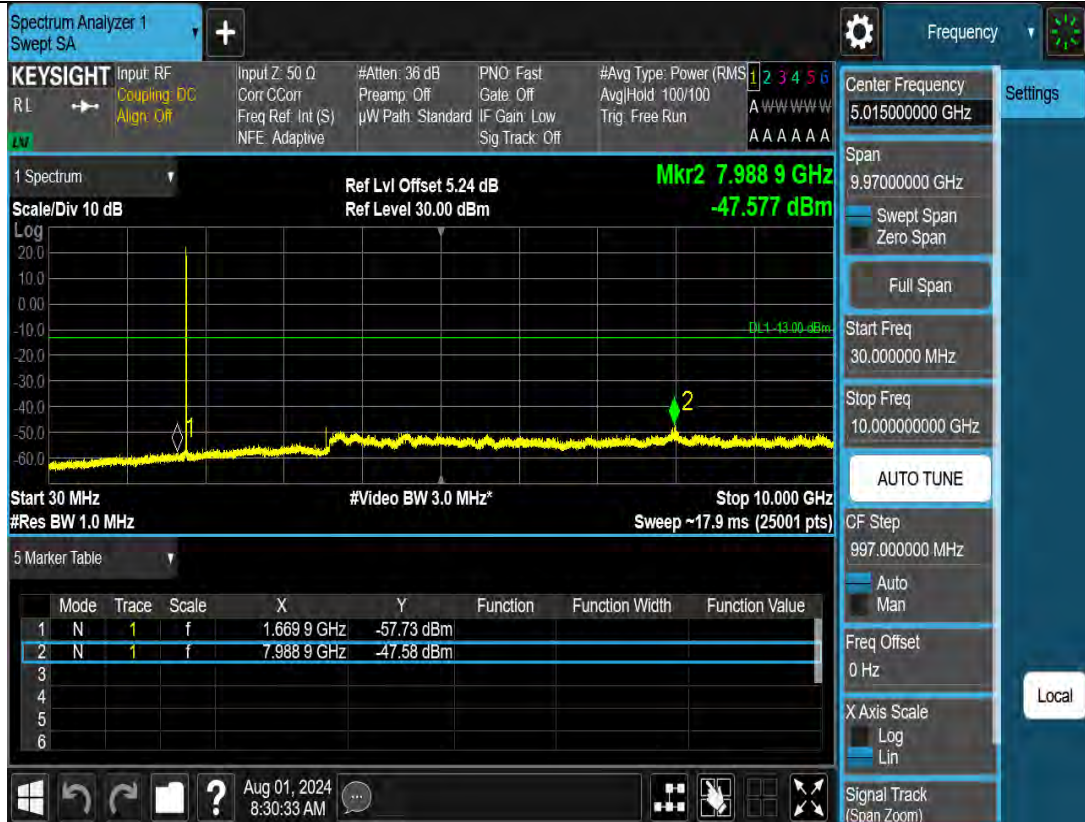


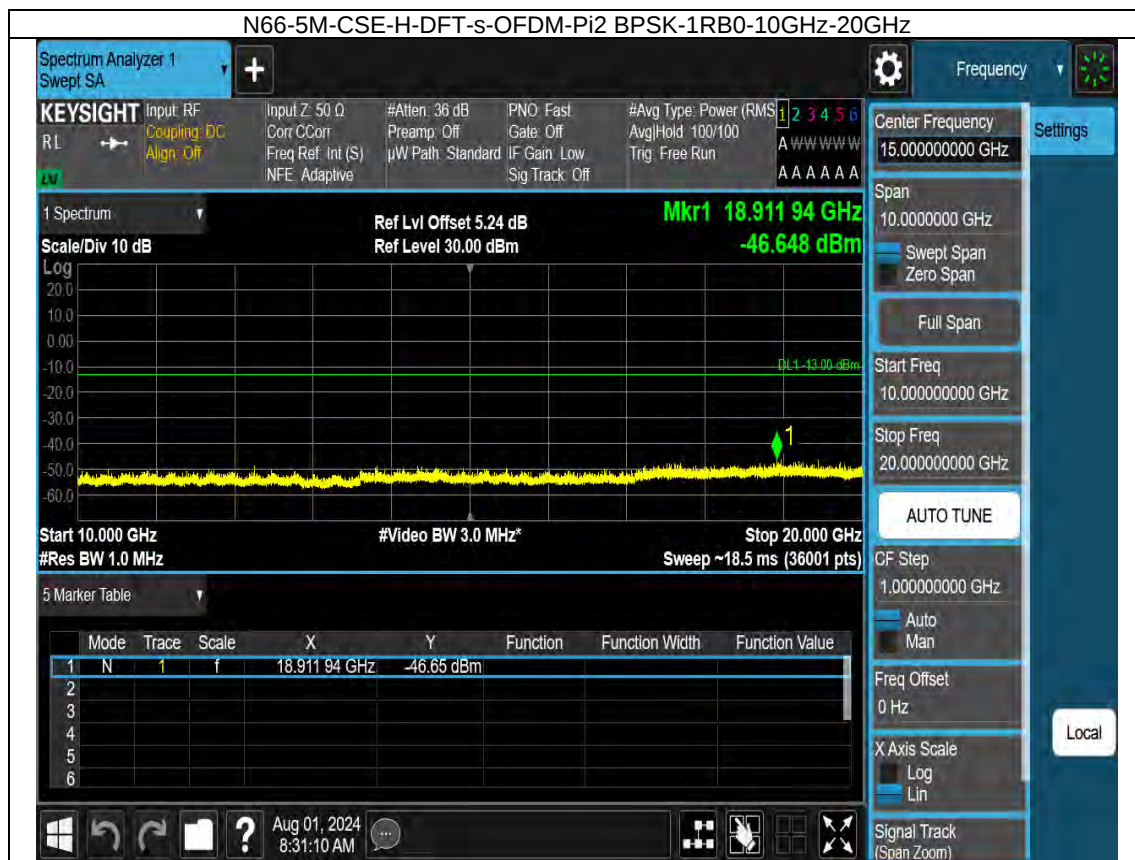


N66-5M-CSE-M-CP-OFDM-QPSK-1RB0-10GHz-20GHz



N66-5M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz





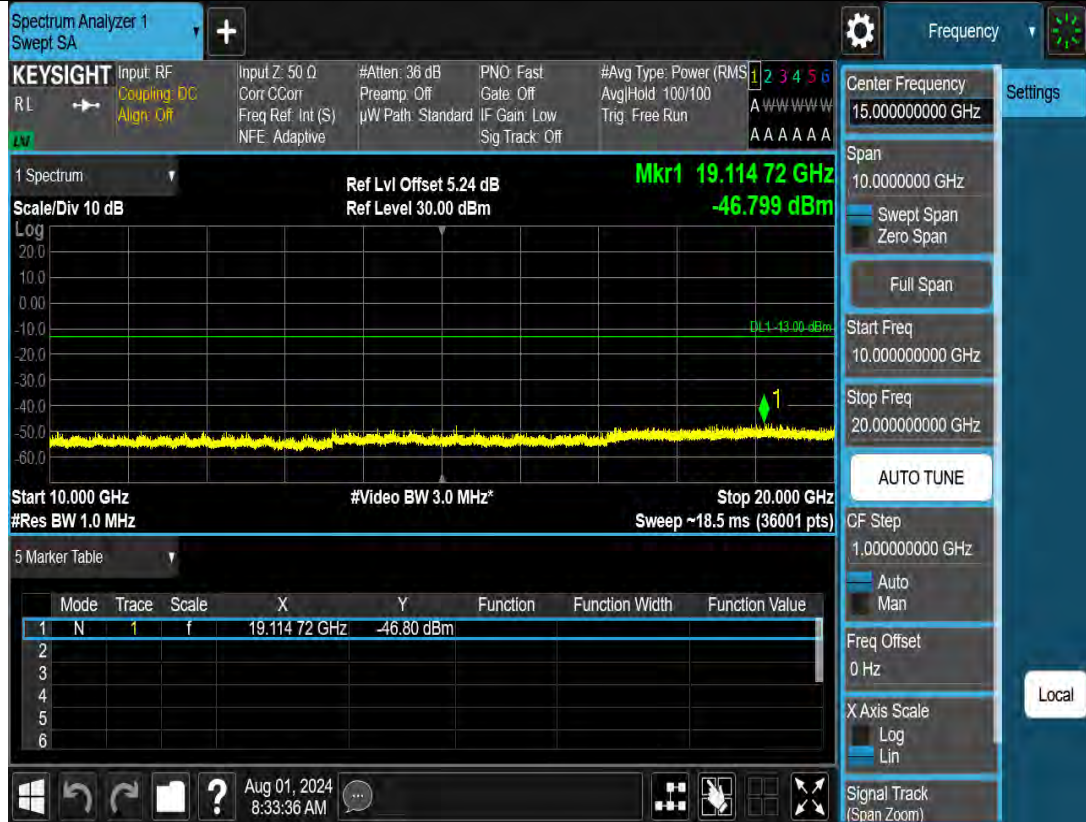
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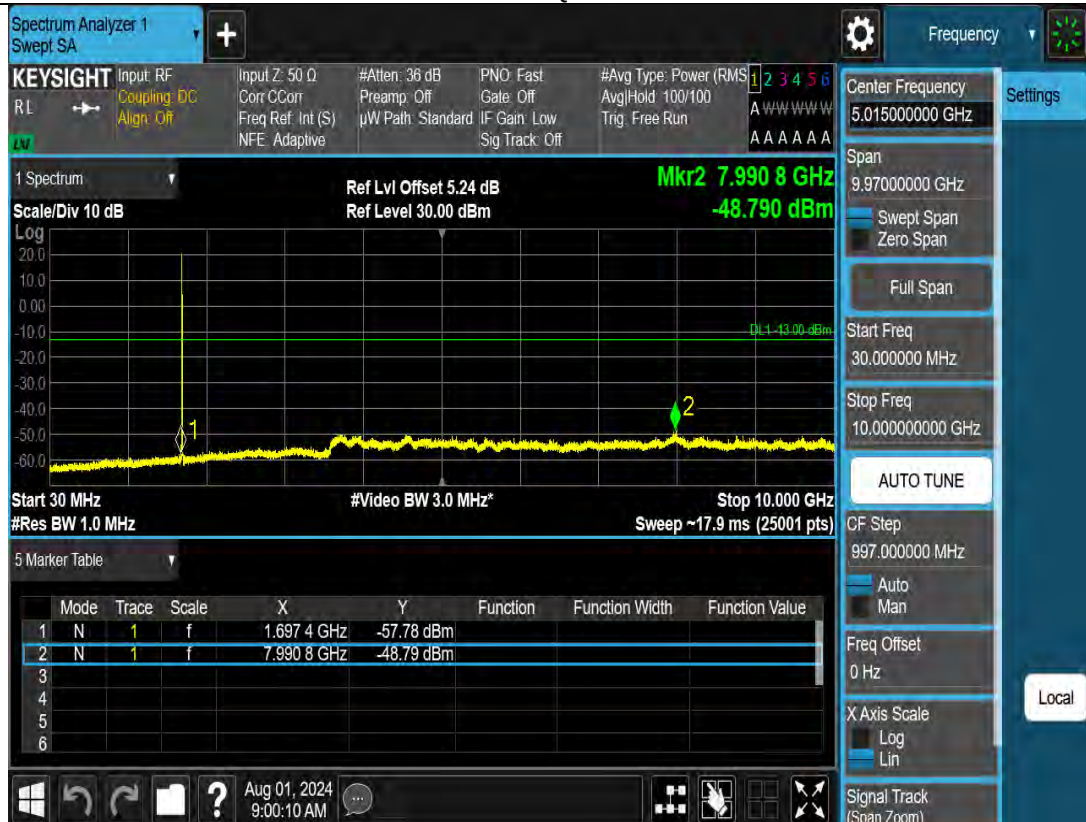
N66-10M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N66-10M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-10GHz-20GHz



N66-10M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N66-10M-CSE-L-CP-OFDM-QPSK-1RB0-10GHz-20GHz



N66-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



