

99% & 26dB Bandwidth

Test Result

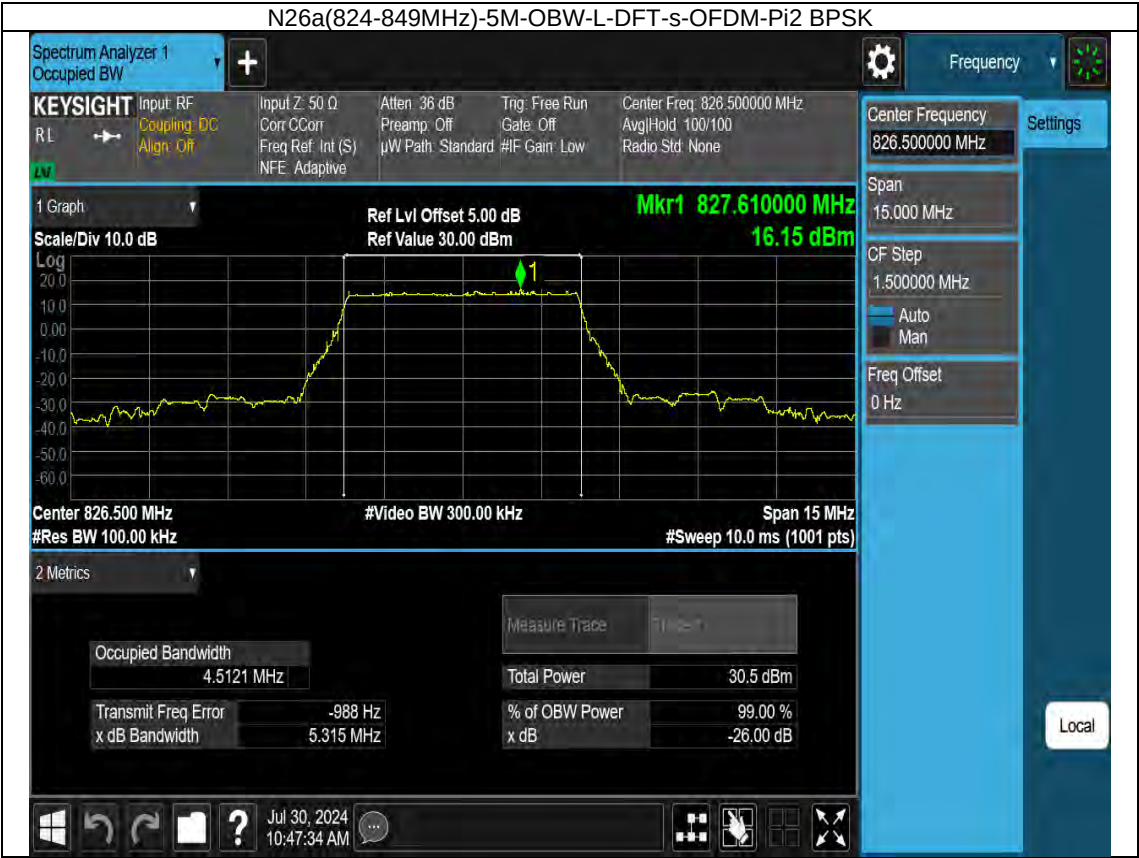
5G NR N26a(824-849MHz) SCS=15kHz 5MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.51	5.32	/	Pass
CP-OFDM QPSK		Outer_Full	4.51	5.22	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	4.52	5.24	/	Pass
CP-OFDM QPSK		Outer_Full	4.52	5.23	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.52	5.3	/	Pass
CP-OFDM QPSK		Outer_Full	4.52	5.27	/	Pass

5G NR N26a(824-849MHz) 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	8.94	9.8	/	Pass
CP-OFDM QPSK		Outer_Full	9.29	10.11	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	8.94	9.67	/	Pass
CP-OFDM QPSK		Outer_Full	9.35	10.34	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	8.93	9.74	/	Pass
CP-OFDM QPSK		Outer_Full	9.29	10.1	/	Pass

5G NR N26a(824-849MHz) 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	13.45	14.57	/	Pass
CP-OFDM QPSK		Outer_Full	14.14	15.31	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	13.48	14.48	/	Pass
CP-OFDM QPSK		Outer_Full	14.13	15.27	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	13.43	14.63	/	Pass
CP-OFDM QPSK		Outer_Full	14.14	15.24	/	Pass

5G NR N26a(824-849MHz) 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	17.9	18.96	/	Pass
CP-OFDM QPSK		Outer_Full	18.9	20.18	/	Pass
DFT-s-OFDM PI/2 BPSK	Mid	Outer_Full	17.92	19.03	/	Pass
CP-OFDM QPSK		Outer_Full	18.96	20.19	/	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	17.9	19.01	/	Pass
CP-OFDM QPSK		Outer_Full	18.91	20.09	/	Pass

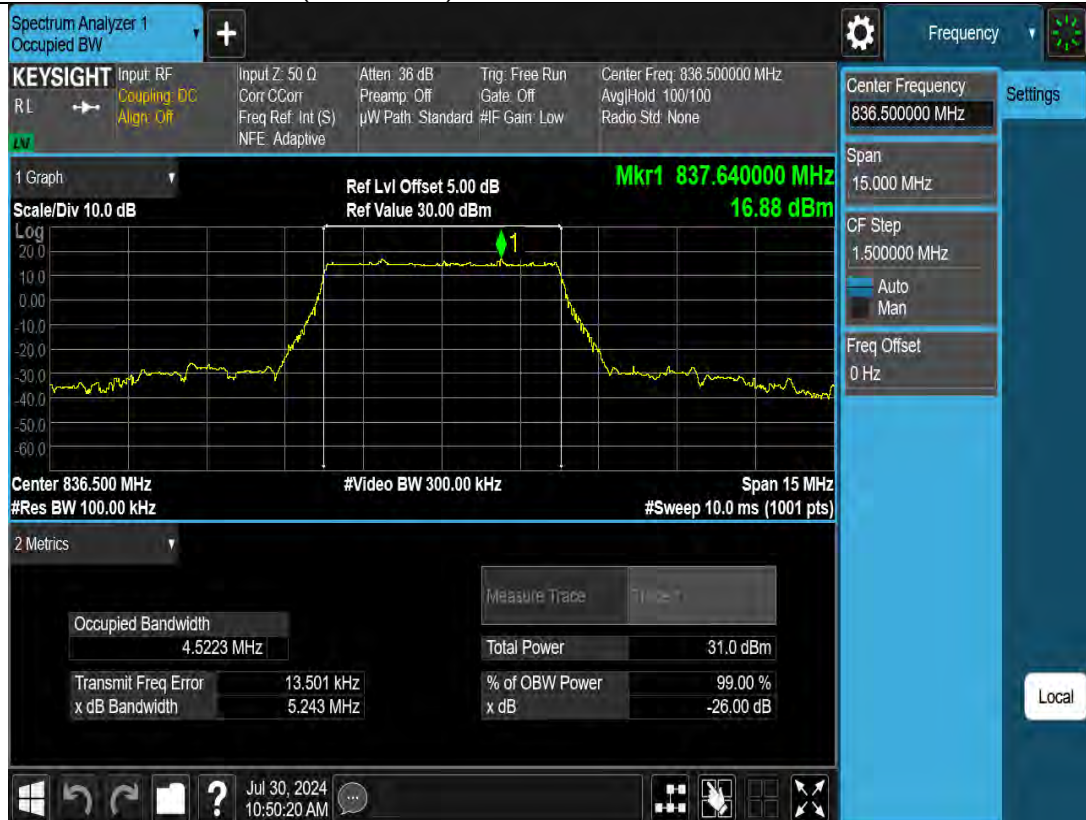
Test Graph



N26a(824-849MHz)-5M-OBW-L-CP-OFDM-QPSK



N26a(824-849MHz)-5M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-5M-OBW-M-CP-OFDM-QPSK



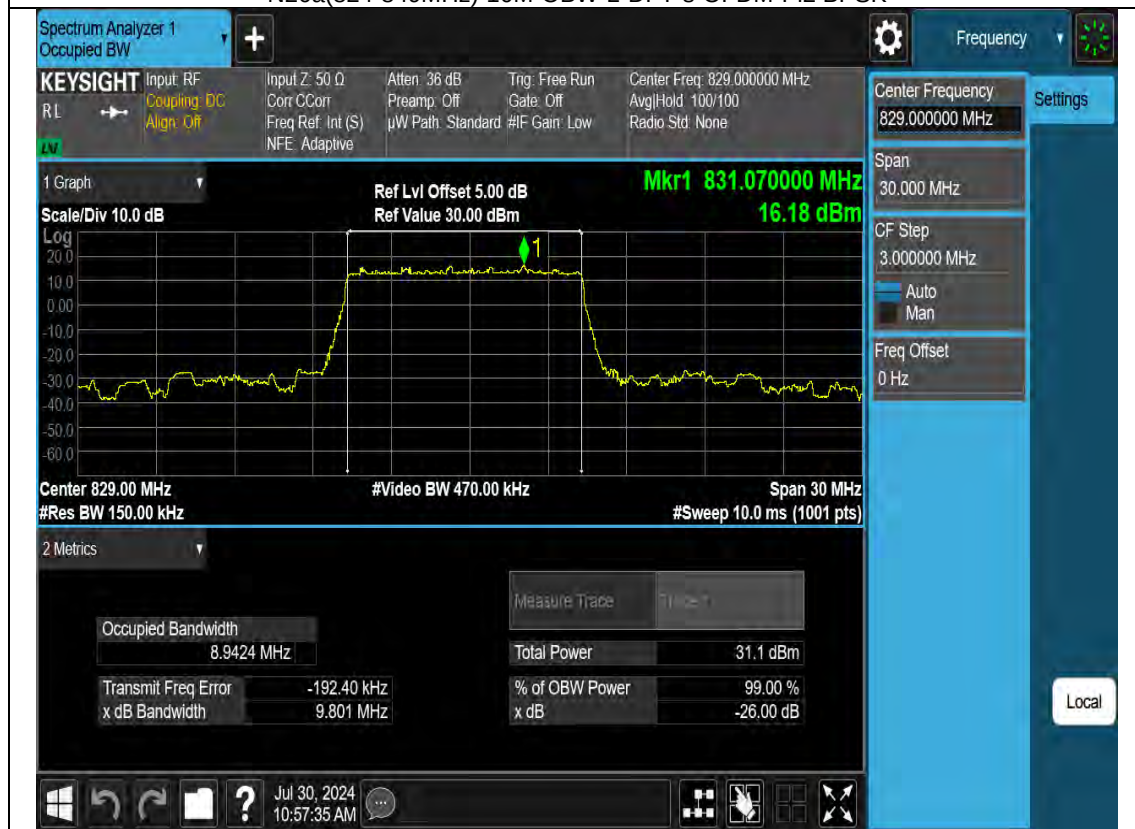
N26a(824-849MHz)-5M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-5M-OBW-H-CP-OFDM-QPSK



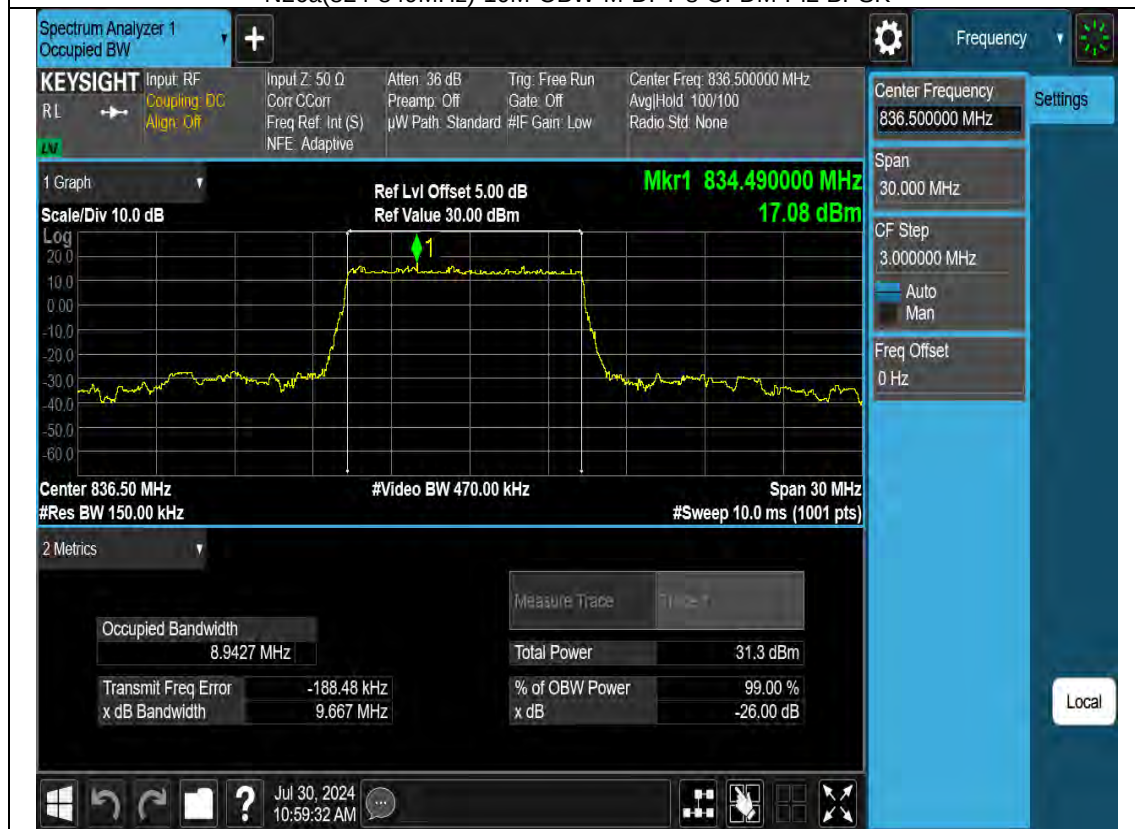
N26a(824-849MHz)-10M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-10M-OBW-L-CP-OFDM-QPSK



N26a(824-849MHz)-10M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-10M-OBW-M-CP-OFDM-QPSK



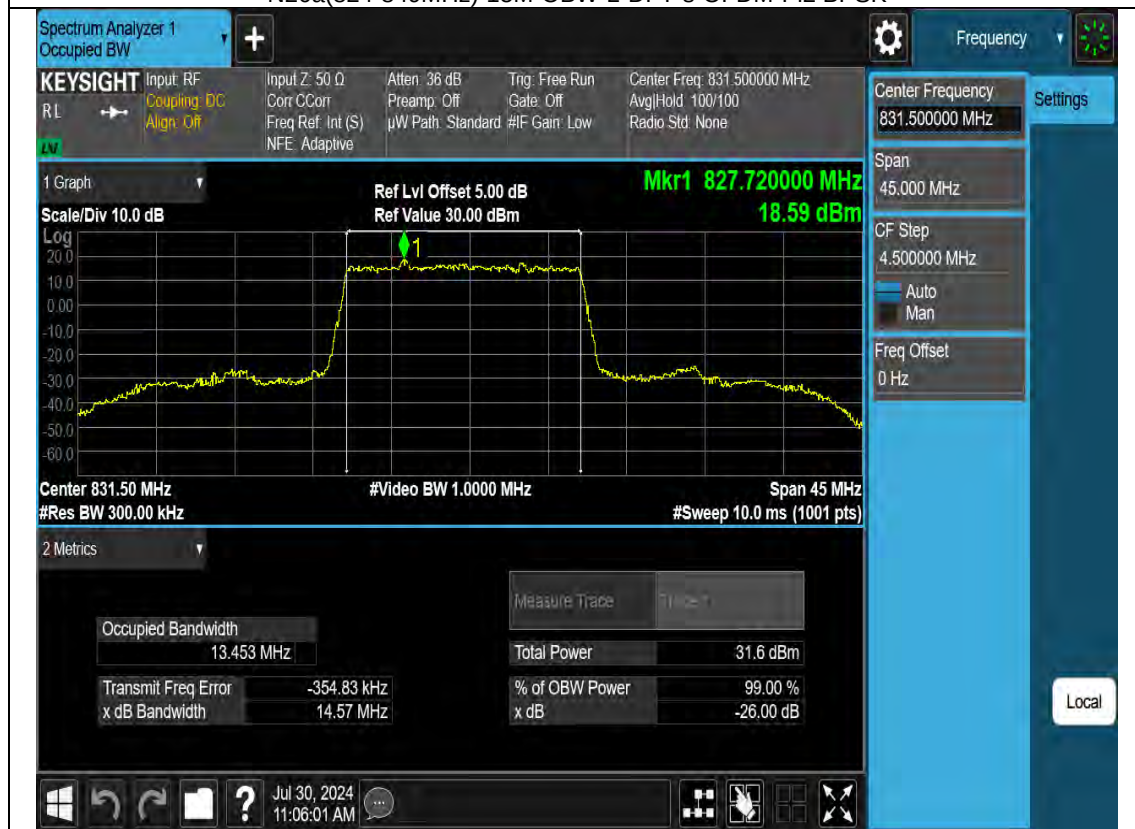
N26a(824-849MHz)-10M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-10M-OBW-H-CP-OFDM-QPSK



N26a(824-849MHz)-15M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-15M-OBW-L-CP-OFDM-QPSK



N26a(824-849MHz)-15M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-15M-OBW-M-CP-OFDM-QPSK



N26a(824-849MHz)-15M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-15M-OBW-H-CP-OFDM-QPSK



N26a(824-849MHz)-20M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-20M-OBW-L-CP-OFDM-QPSK



N26a(824-849MHz)-20M-OBW-M-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-20M-OBW-M-CP-OFDM-QPSK



N26a(824-849MHz)-20M-OBW-H-DFT-s-OFDM-Pi2 BPSK



N26a(824-849MHz)-20M-OBW-H-CP-OFDM-QPSK



Peak-Average Ratio

Test Result

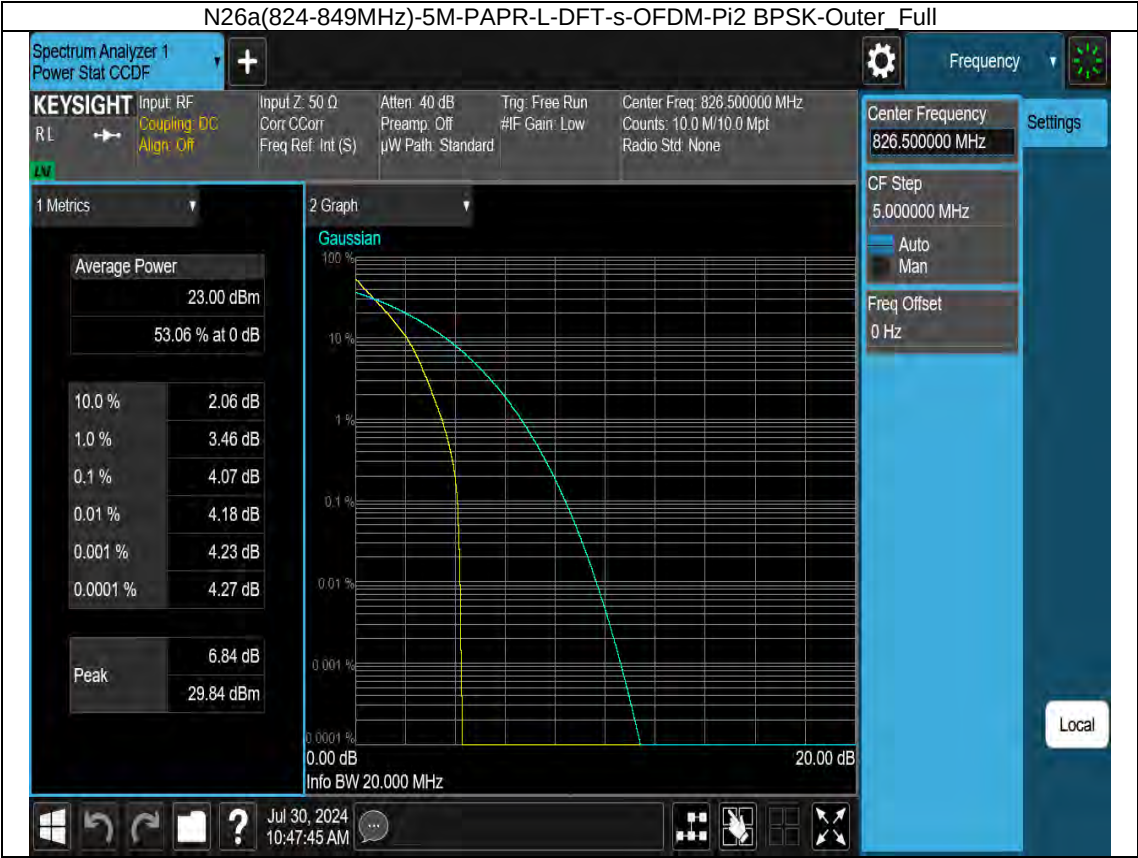
5G NR N26a(824-849MHz) SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.07	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.07	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.33	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.73	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.3	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.6	<=13	Pass

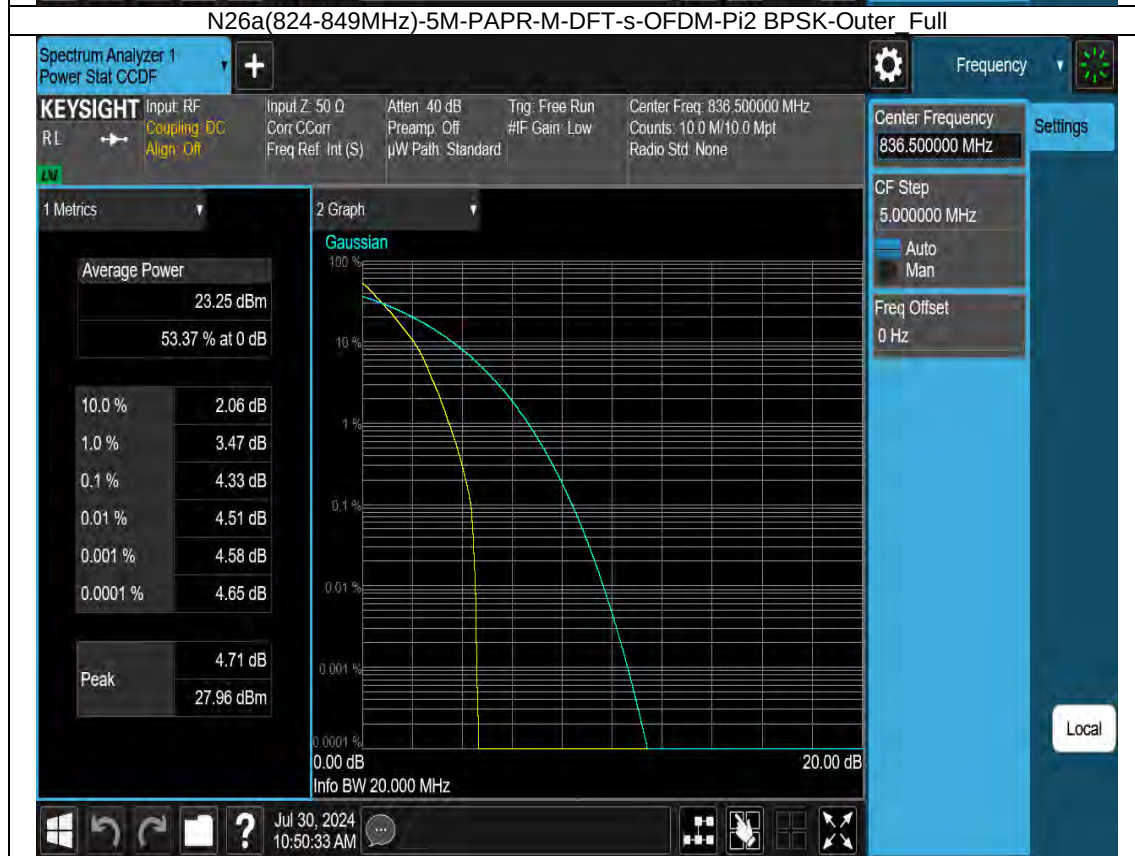
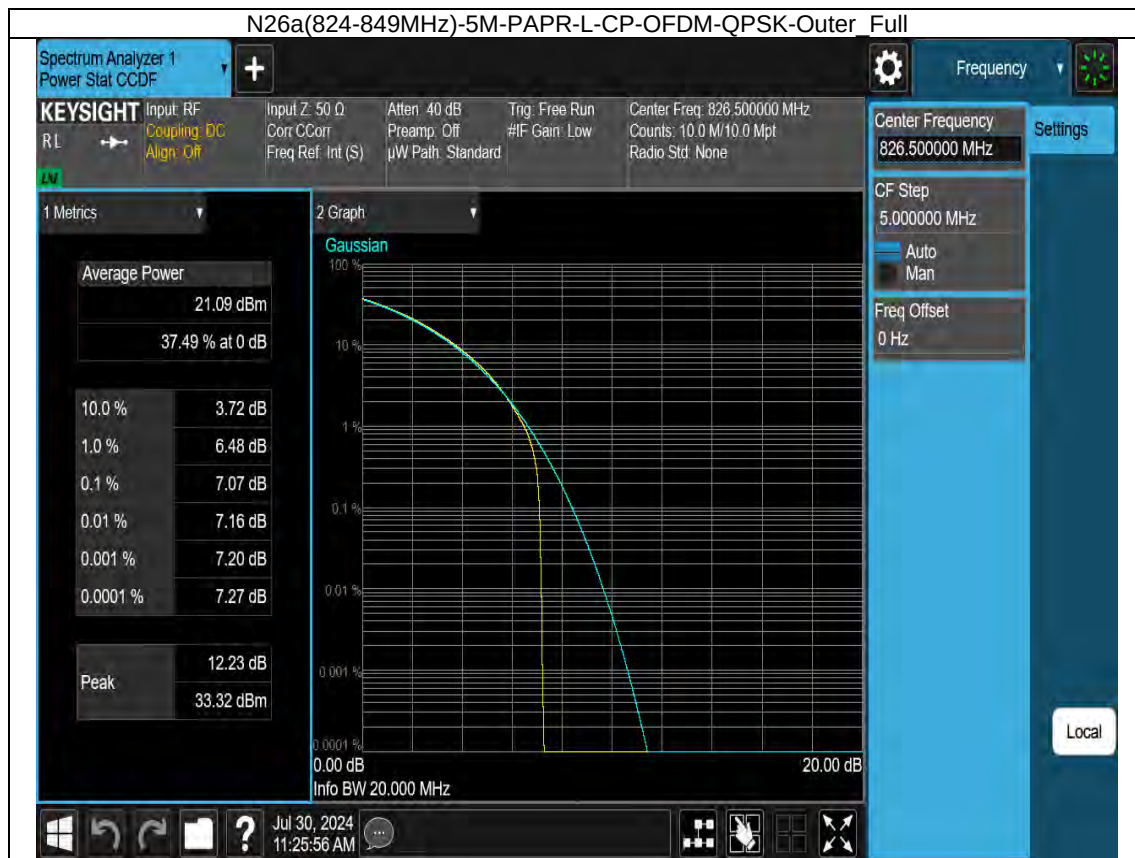
5G NR N26a(824-849MHz) SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	3.79	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.92	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.35	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.59	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.19	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.92	<=13	Pass

5G NR N26a(824-849MHz) SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.08	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.64	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.5	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.65	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.29	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.97	<=13	Pass

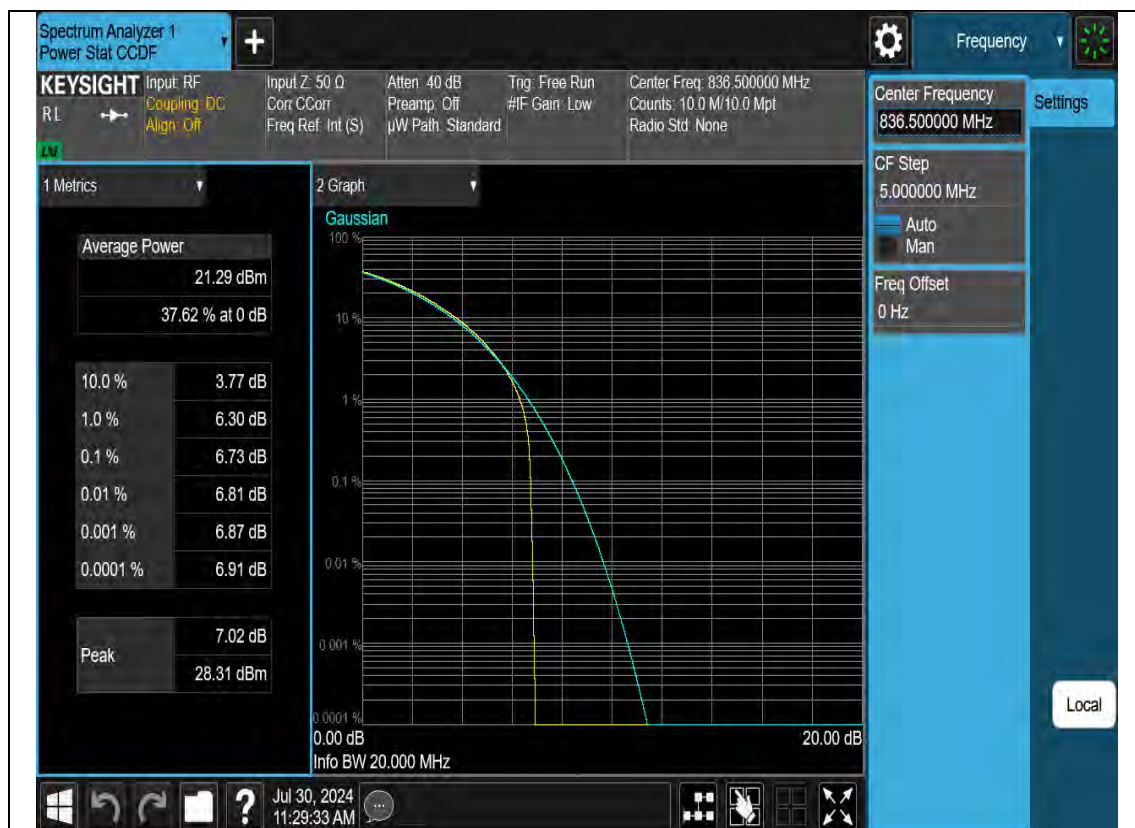
5G NR N26a(824-849MHz) SCS=15kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low	Outer_Full	4.11	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.68	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle	Outer_Full	4.22	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.05	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High	Outer_Full	4.26	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.25	<=13	Pass

Test Graph

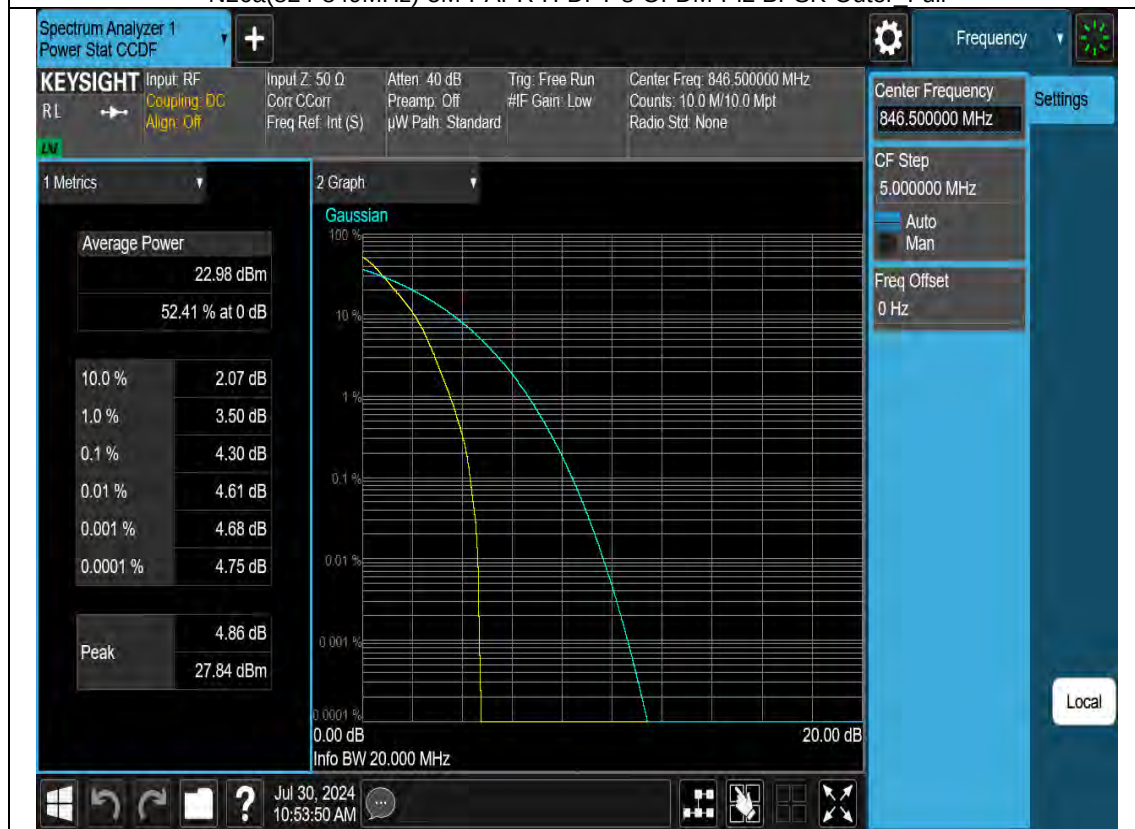




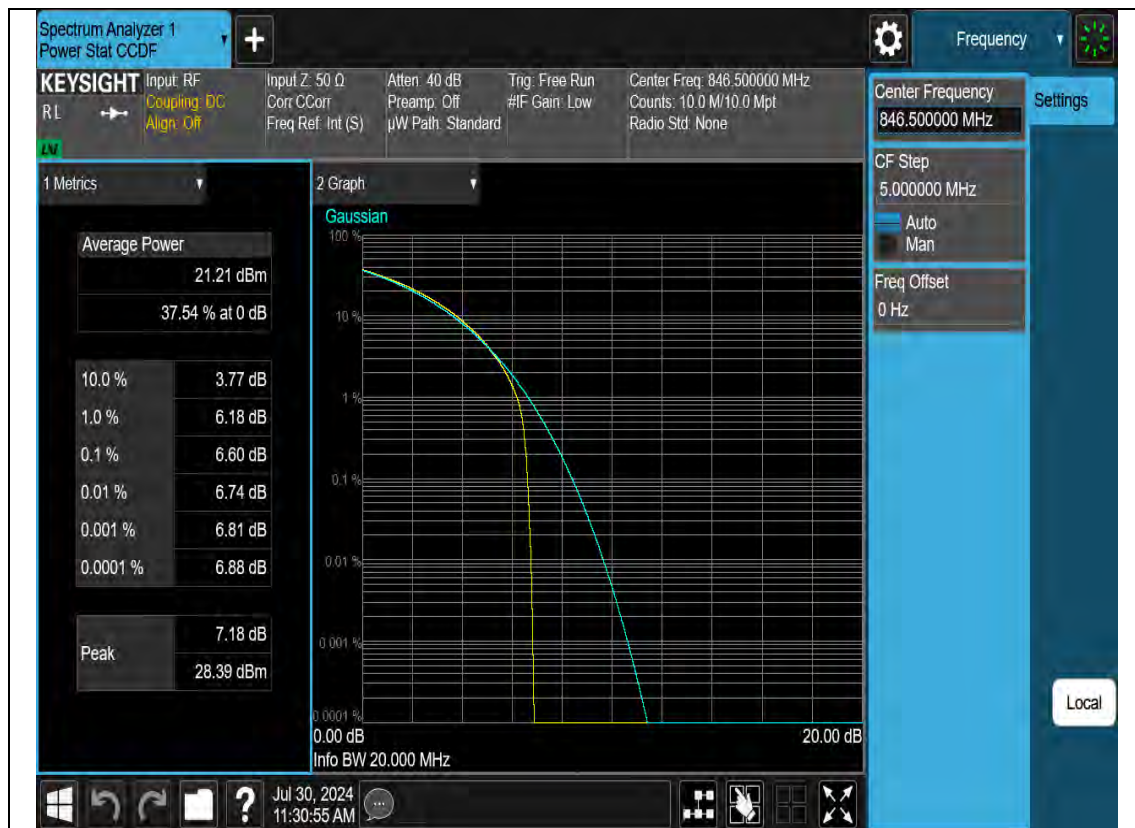
N26a(824-849MHz)-5M-PAPR-M-CP-OFDM-QPSK-Outer Full



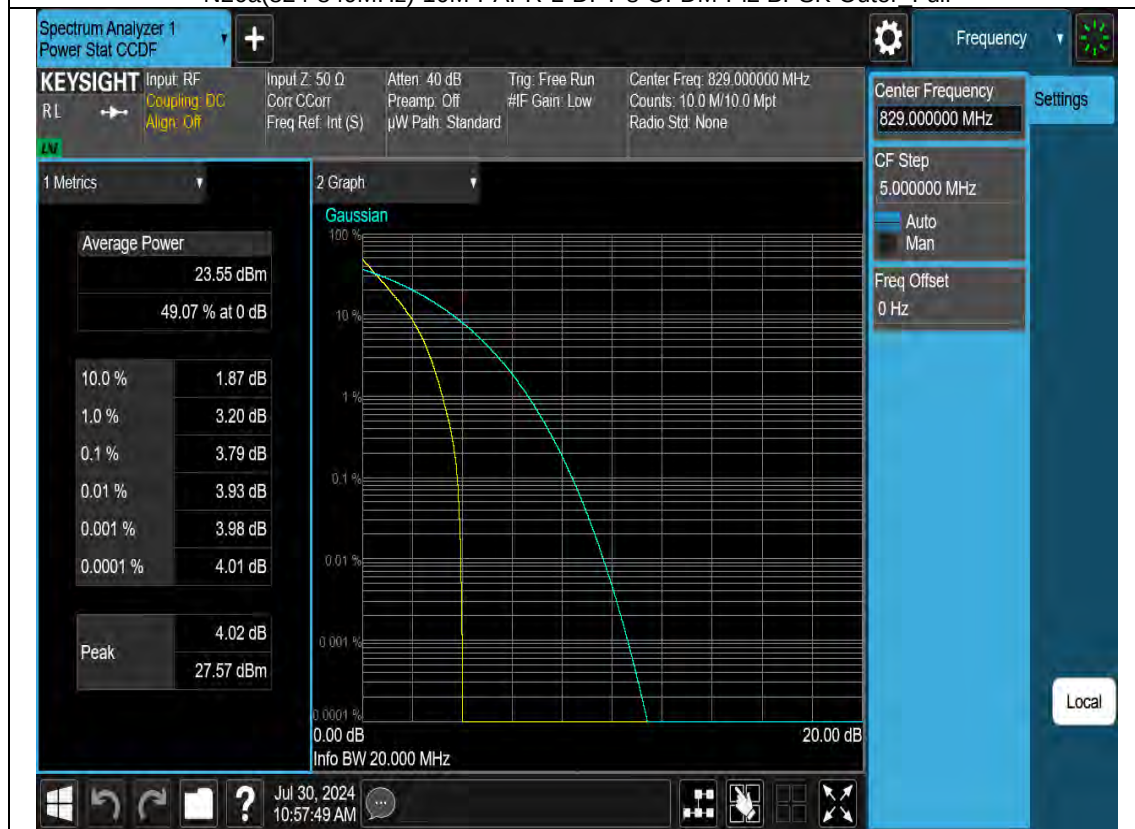
N26a(824-849MHz)-5M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



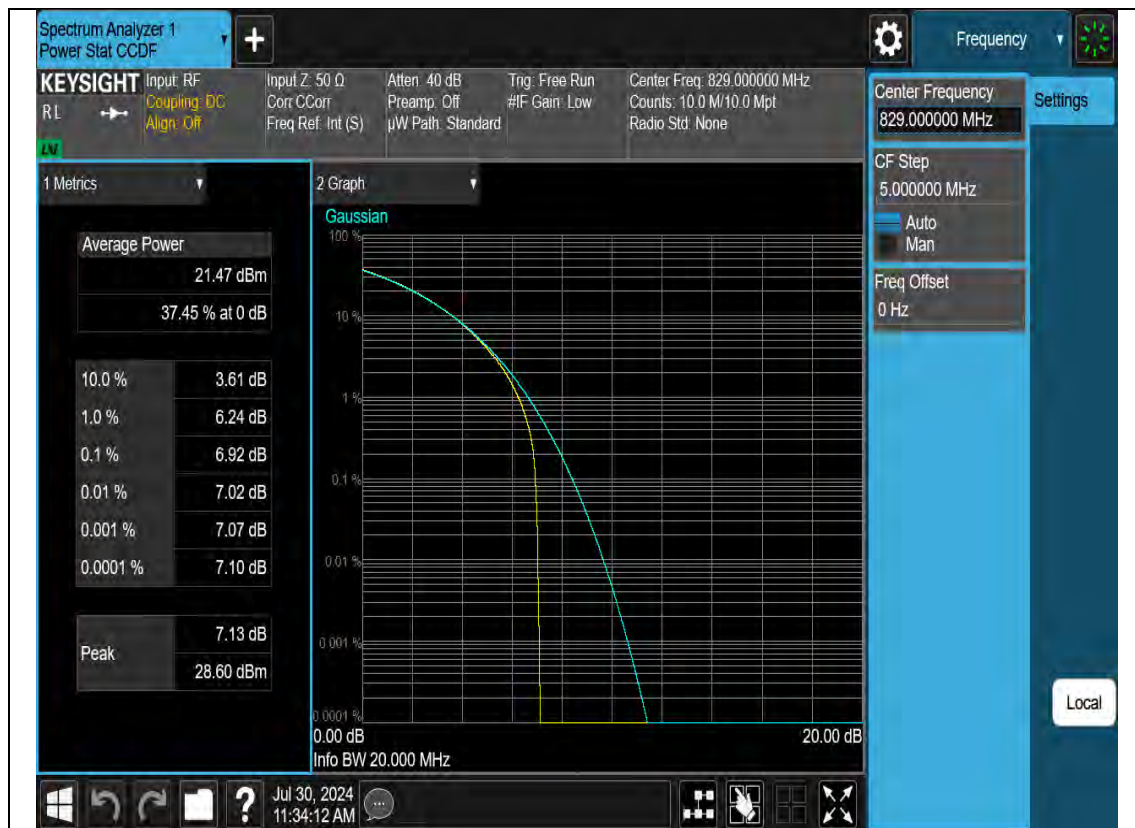
N26a(824-849MHz)-5M-PAPR-H-CP-OFDM-QPSK-Outer Full



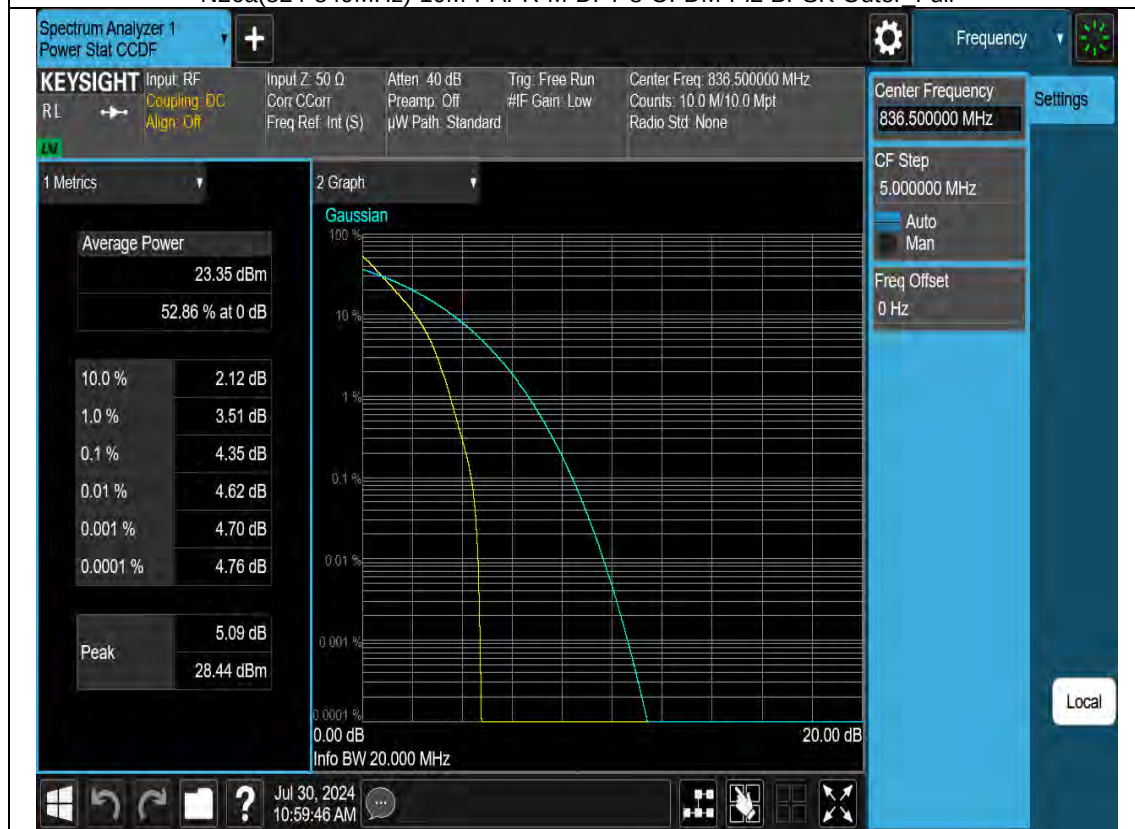
N26a(824-849MHz)-10M-PAPR-L-DFT-s-OFDM-Pi2 BPSK-Outer Full



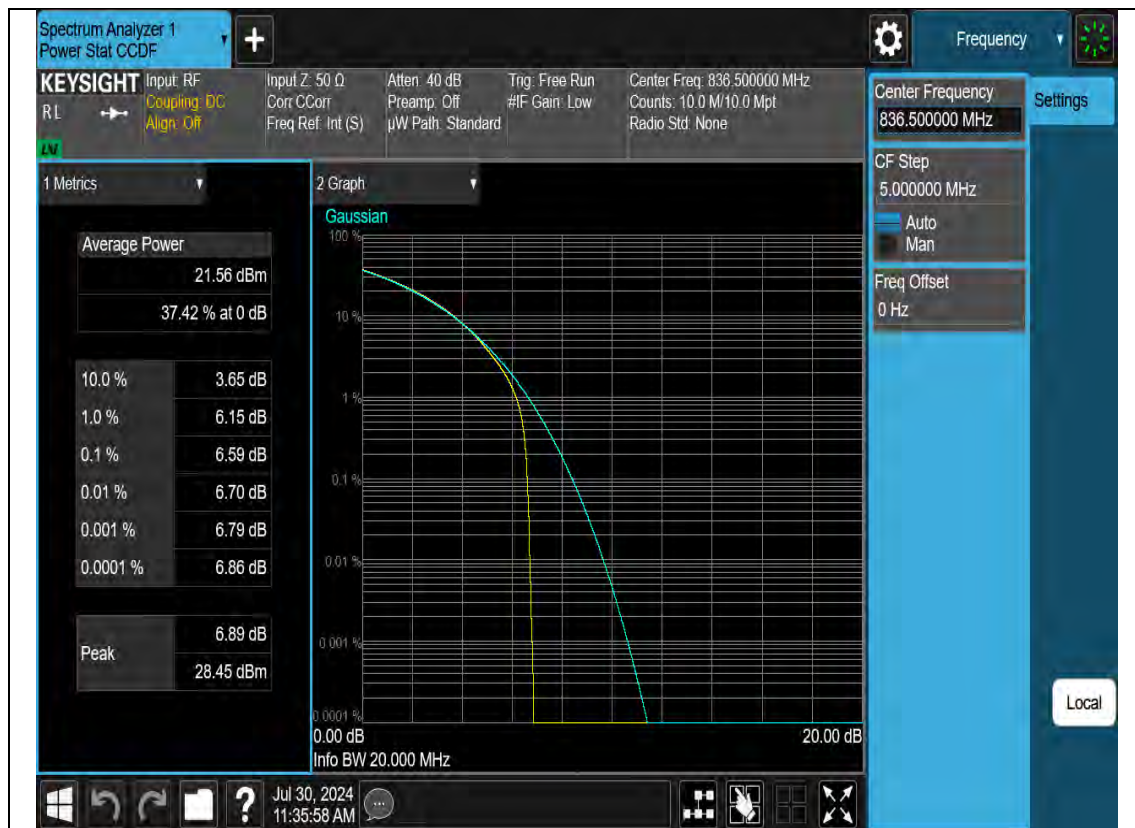
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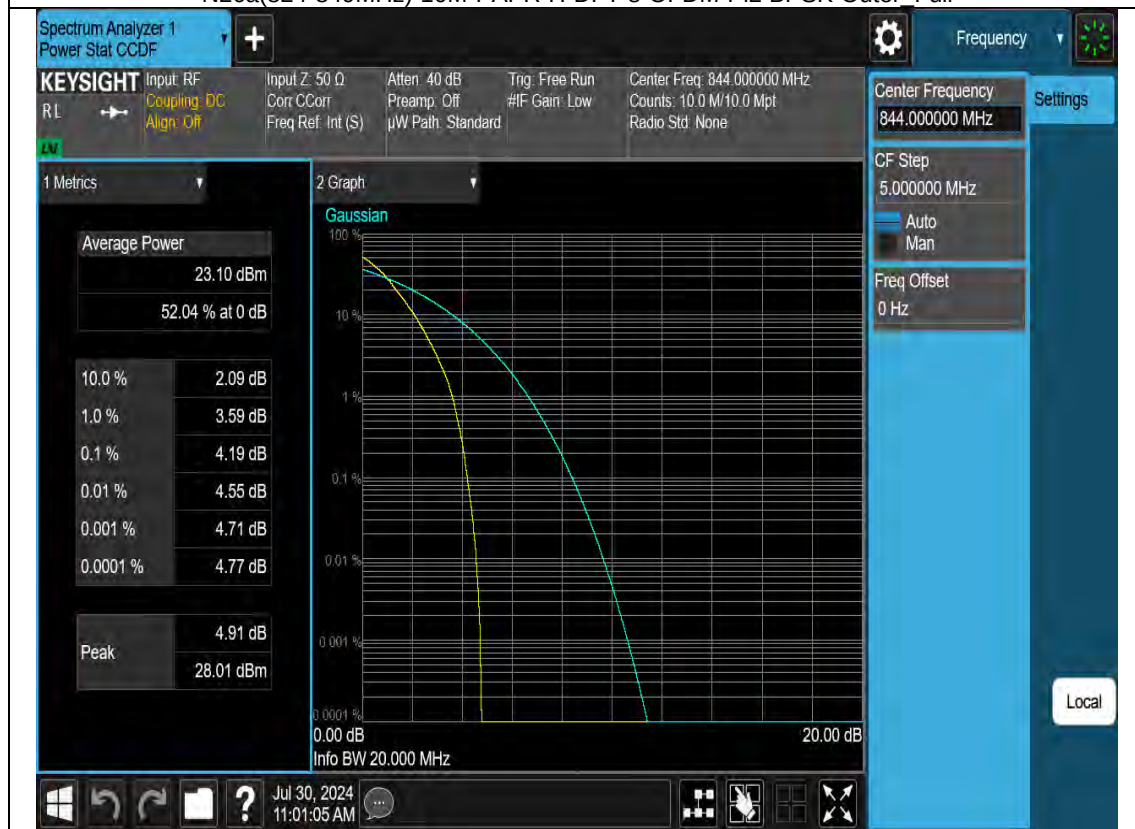
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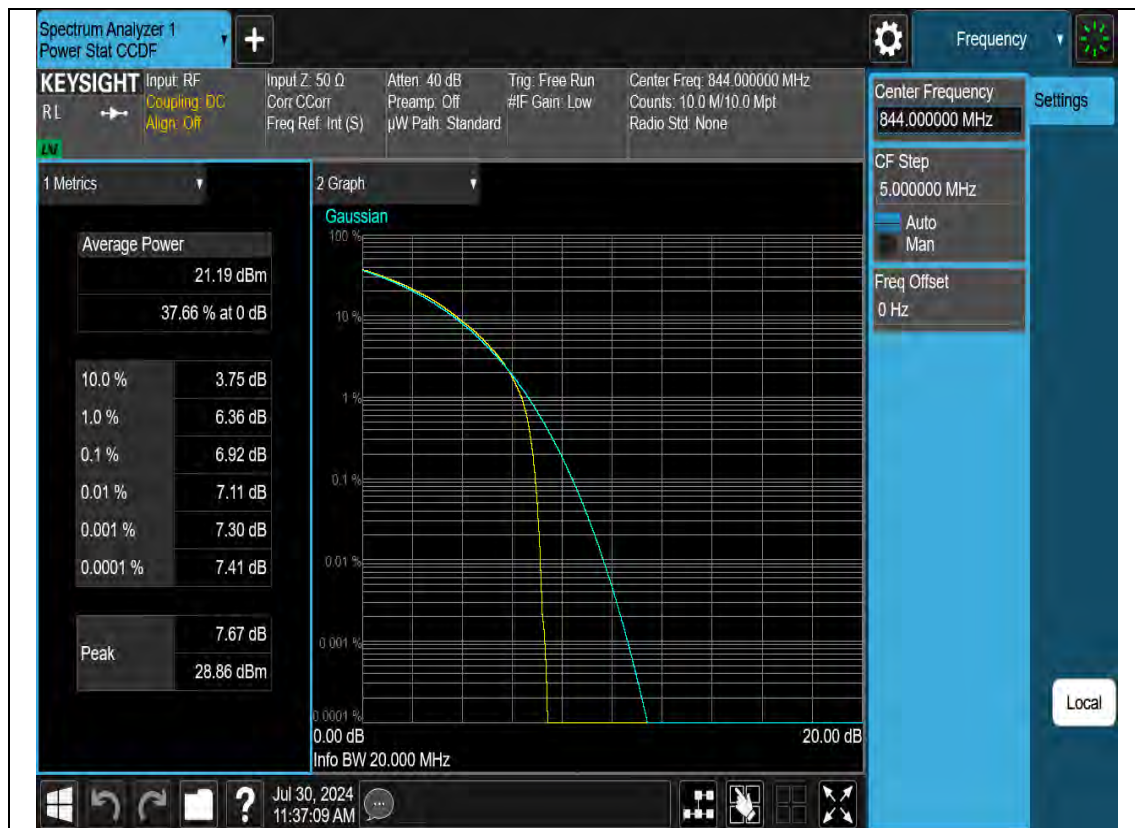
N26a(824-849MHz)-10M-PAPR-M-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-10M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



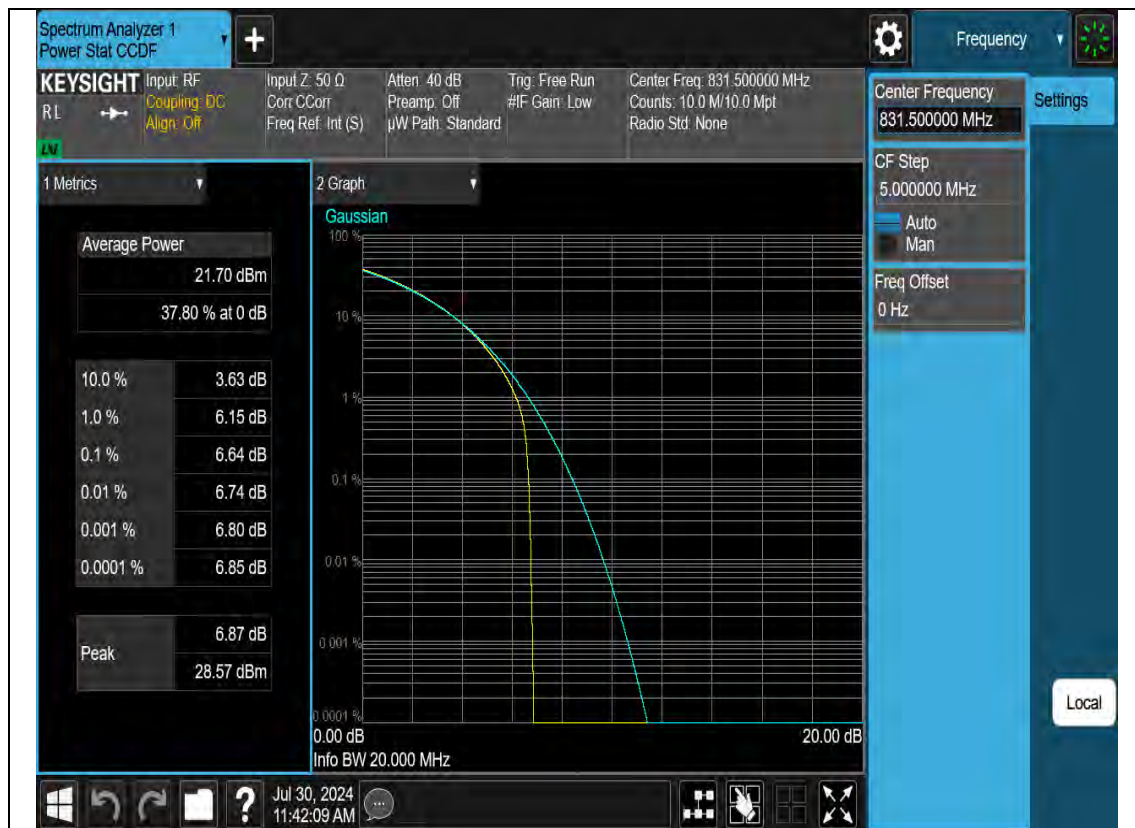
N26a(824-849MHz)-10M-PAPR-H-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-15M-PAPR-L-DFT-s-OFDM-Pi2 BPSK-Outer Full



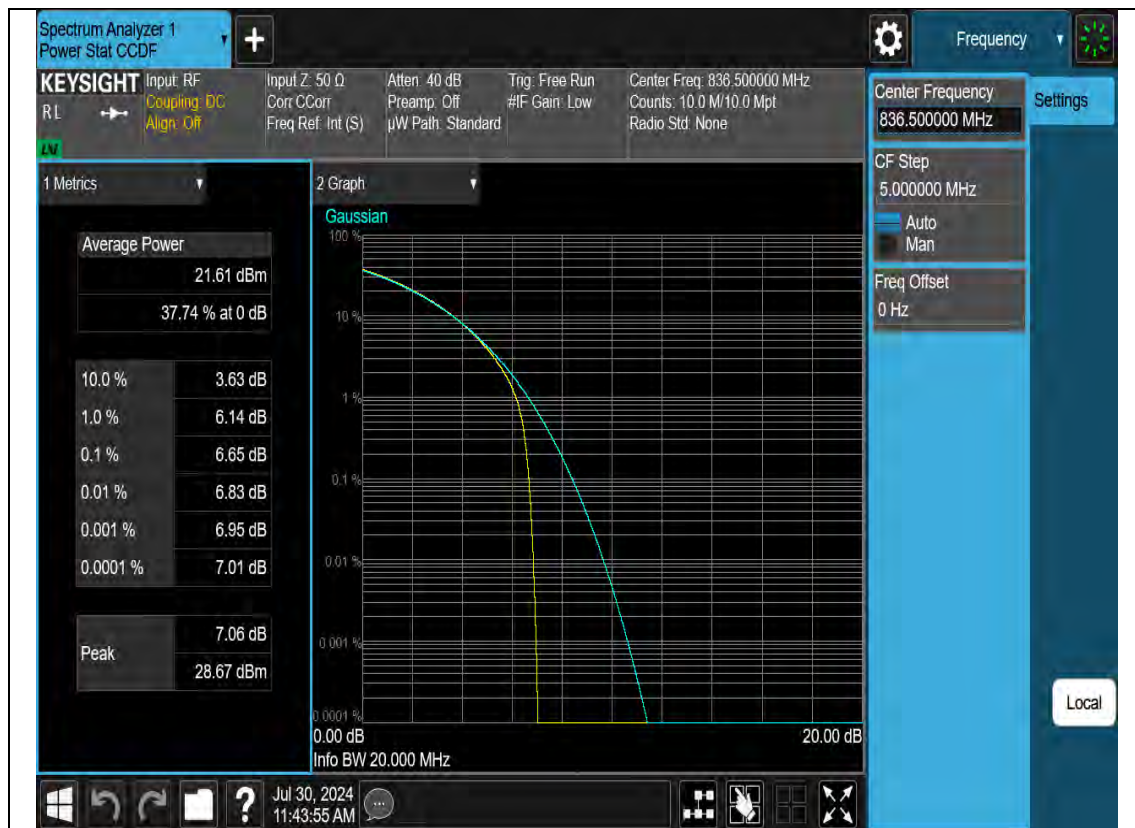
N26a(824-849MHz)-15M-PAPR-L-CP-OFDM-QPSK-Outer Full



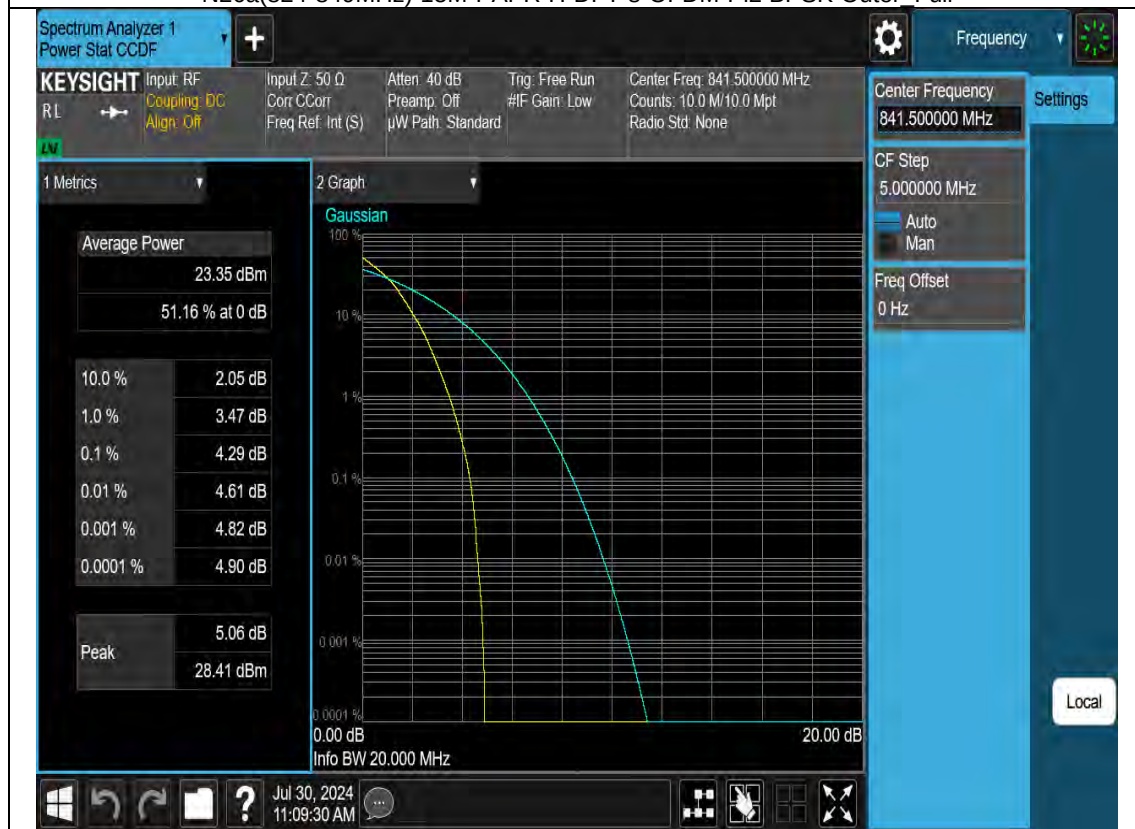
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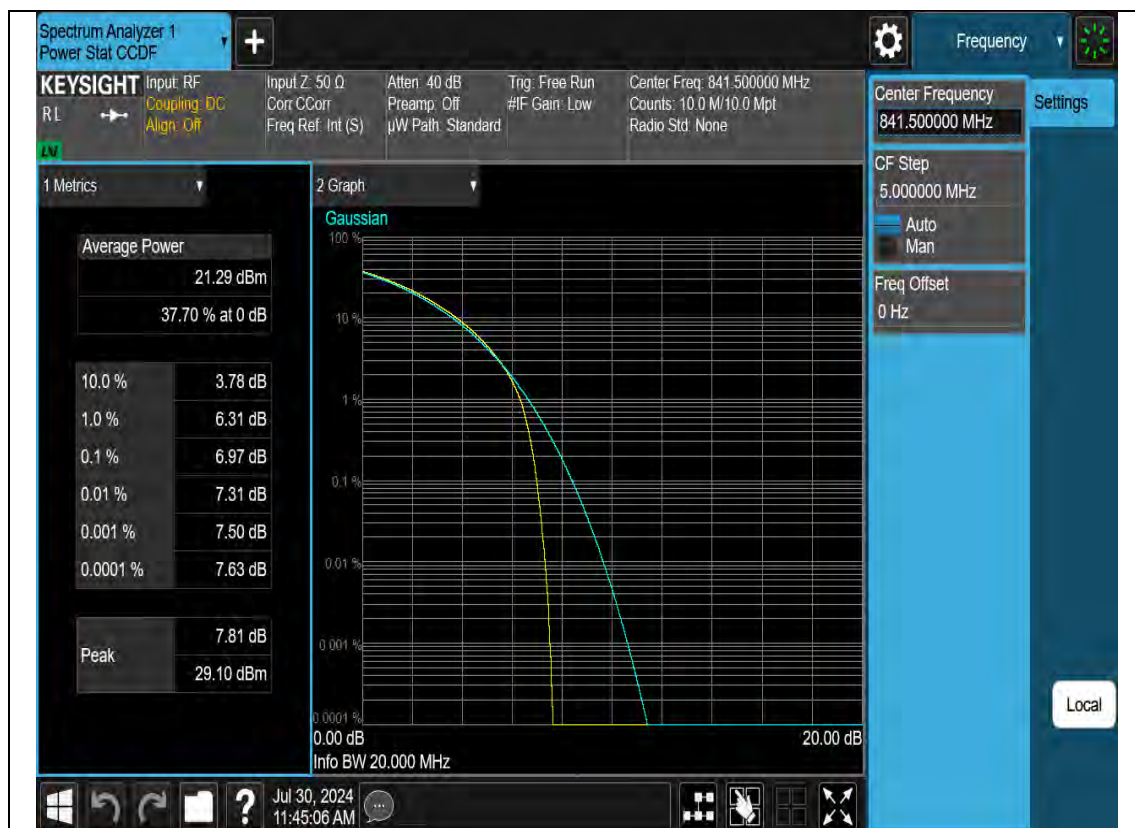
N26a(824-849MHz)-15M-PAPR-M-CP-OFDM-QPSK-Outer Full



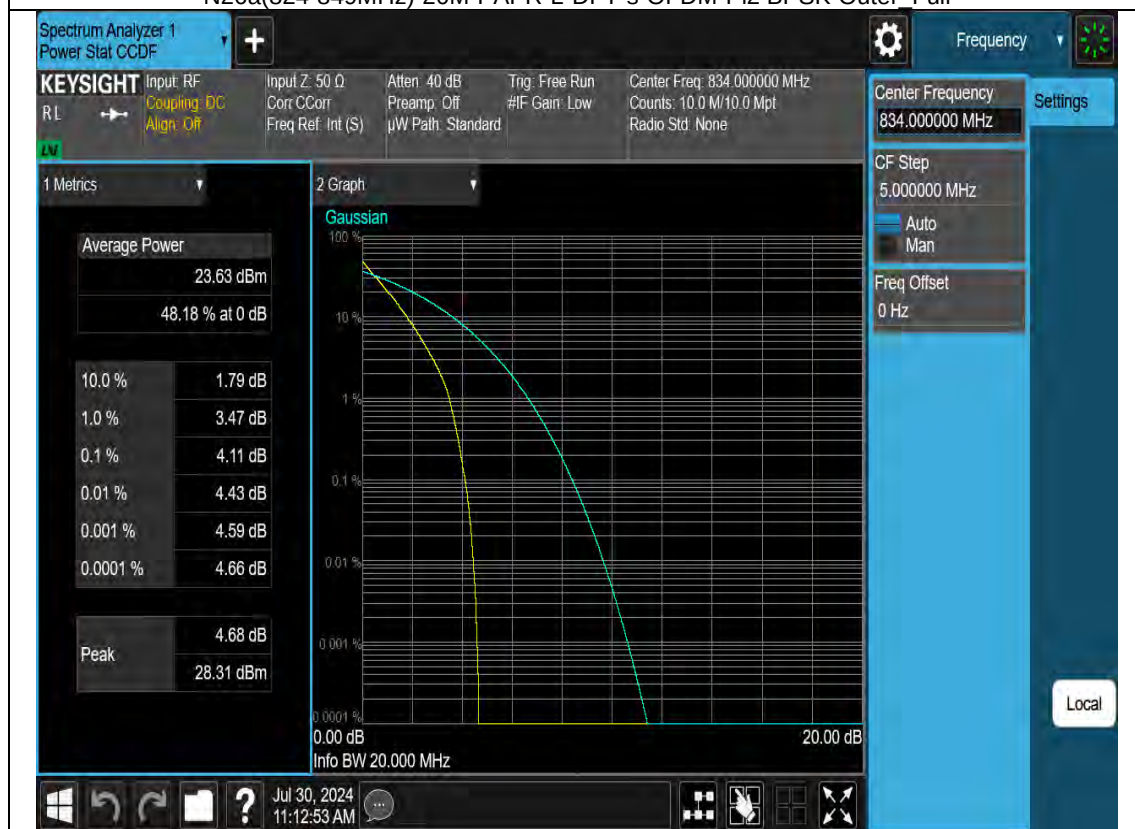
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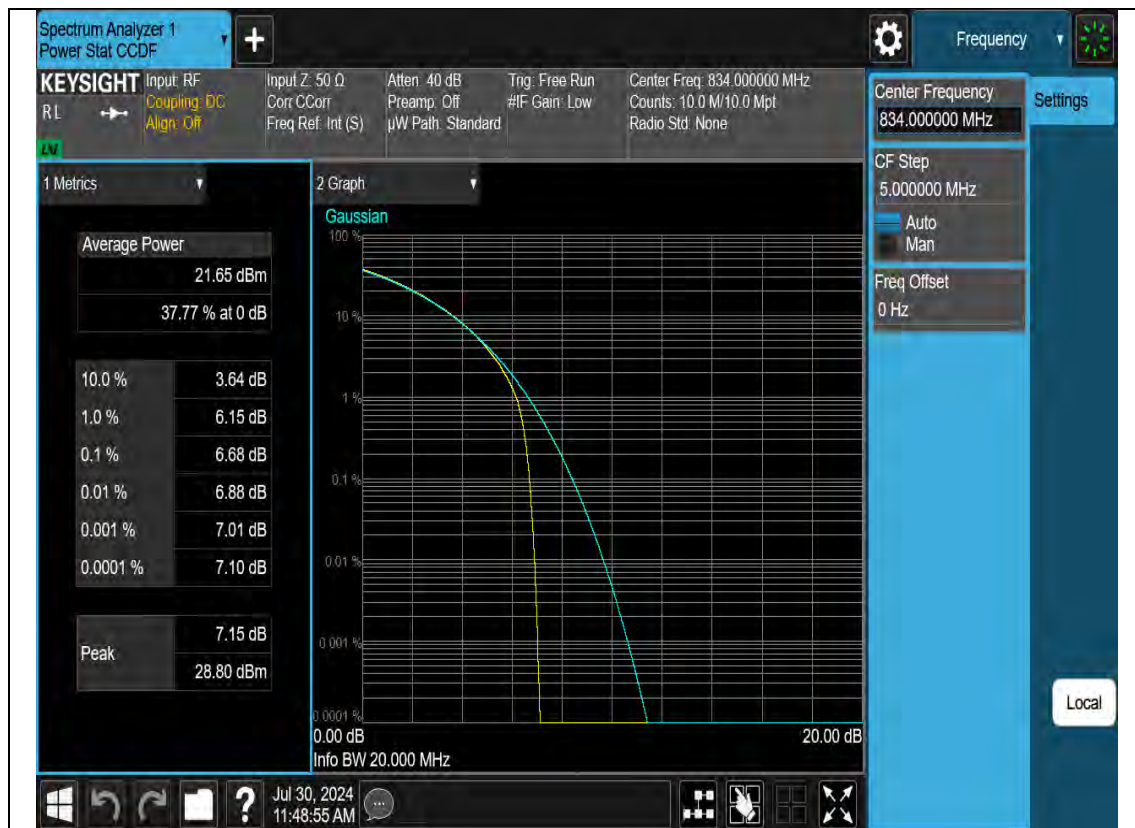
N26a(824-849MHz)-15M-PAPR-H-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-20M-PAPR-L-DFT-s-OFDM-Pi2 BPSK-Outer Full



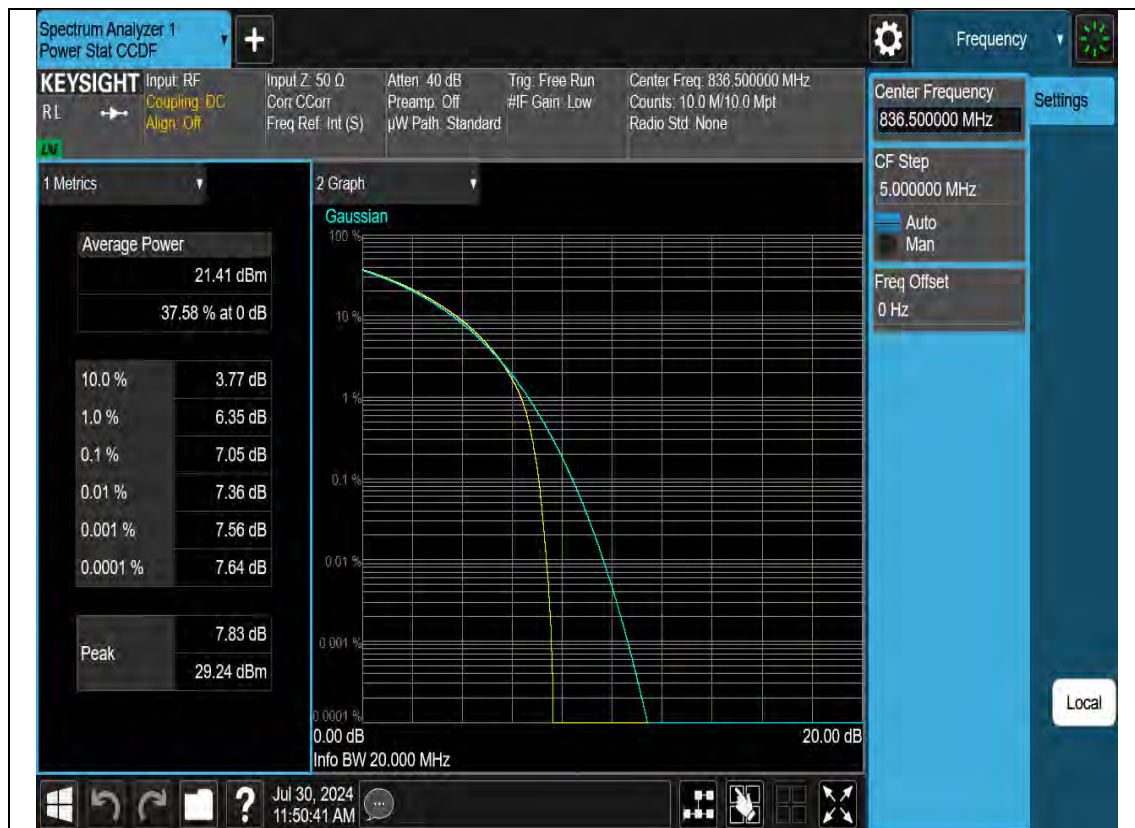
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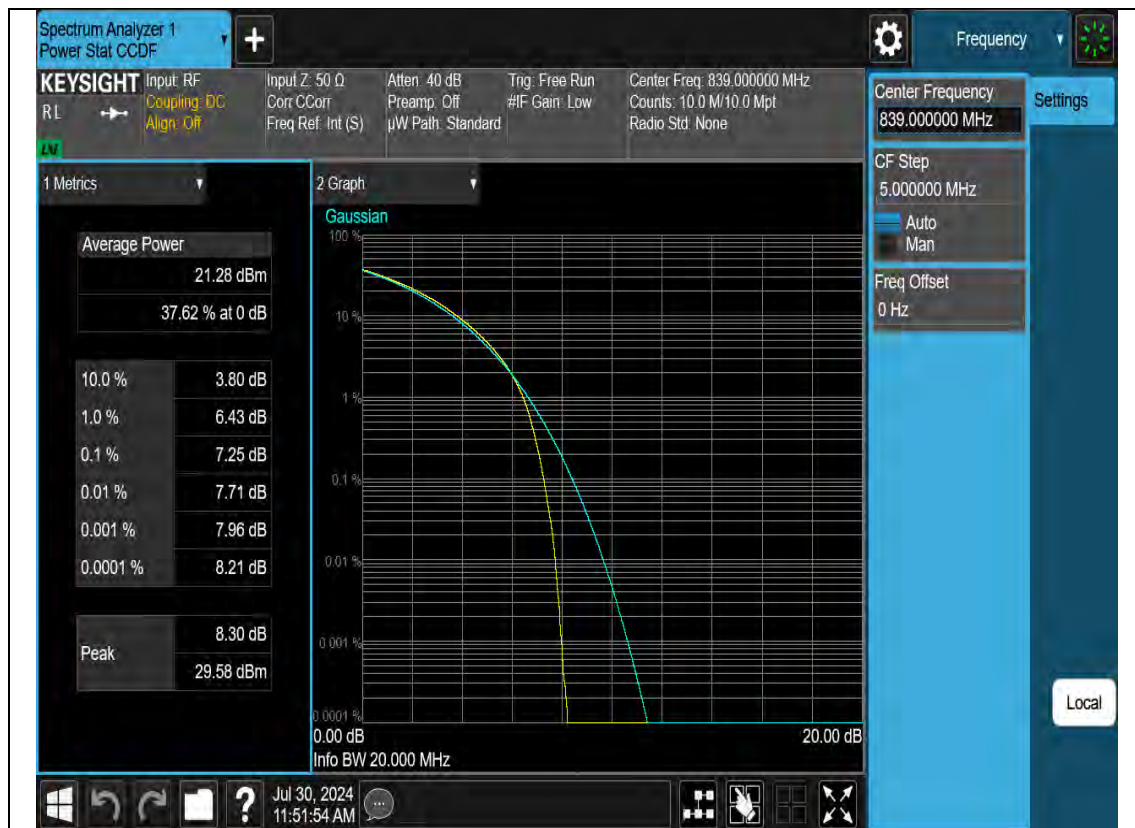
N26a(824-849MHz)-20M-PAPR-M-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-20M-PAPR-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



N26a(824-849MHz)-20M-PAPR-H-CP-OFDM-QPSK-Outer Full

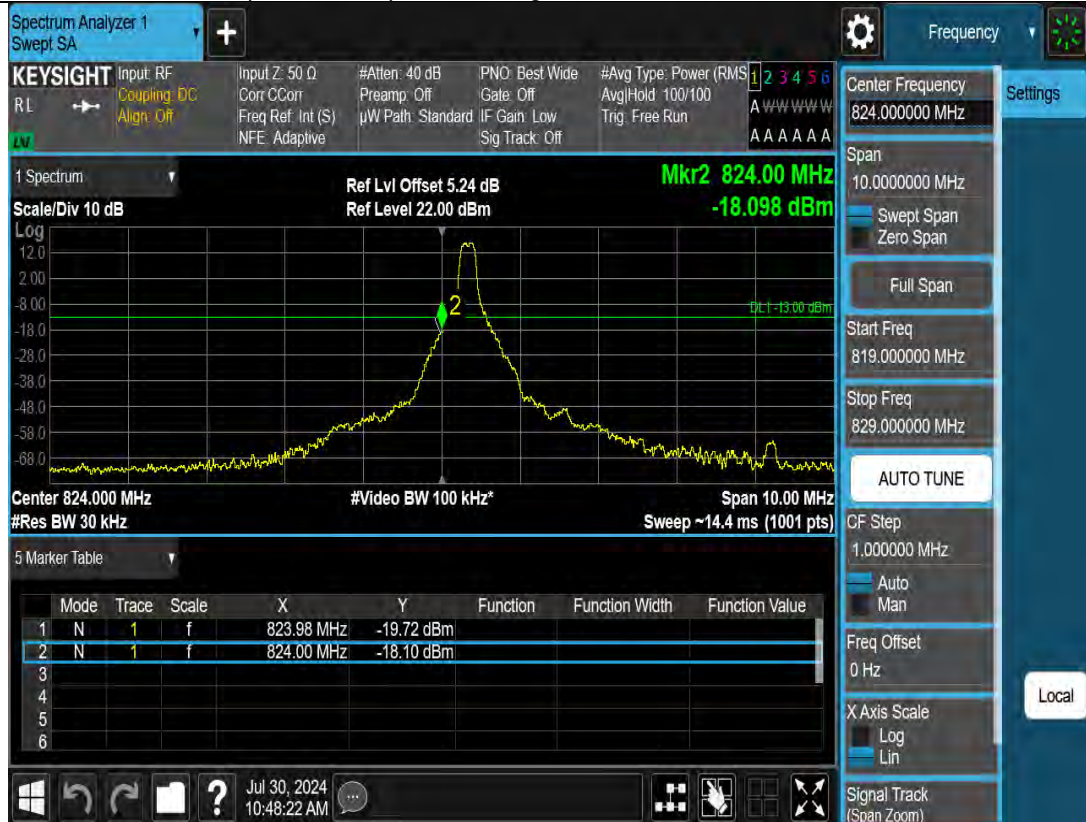


Bandedge

test graph



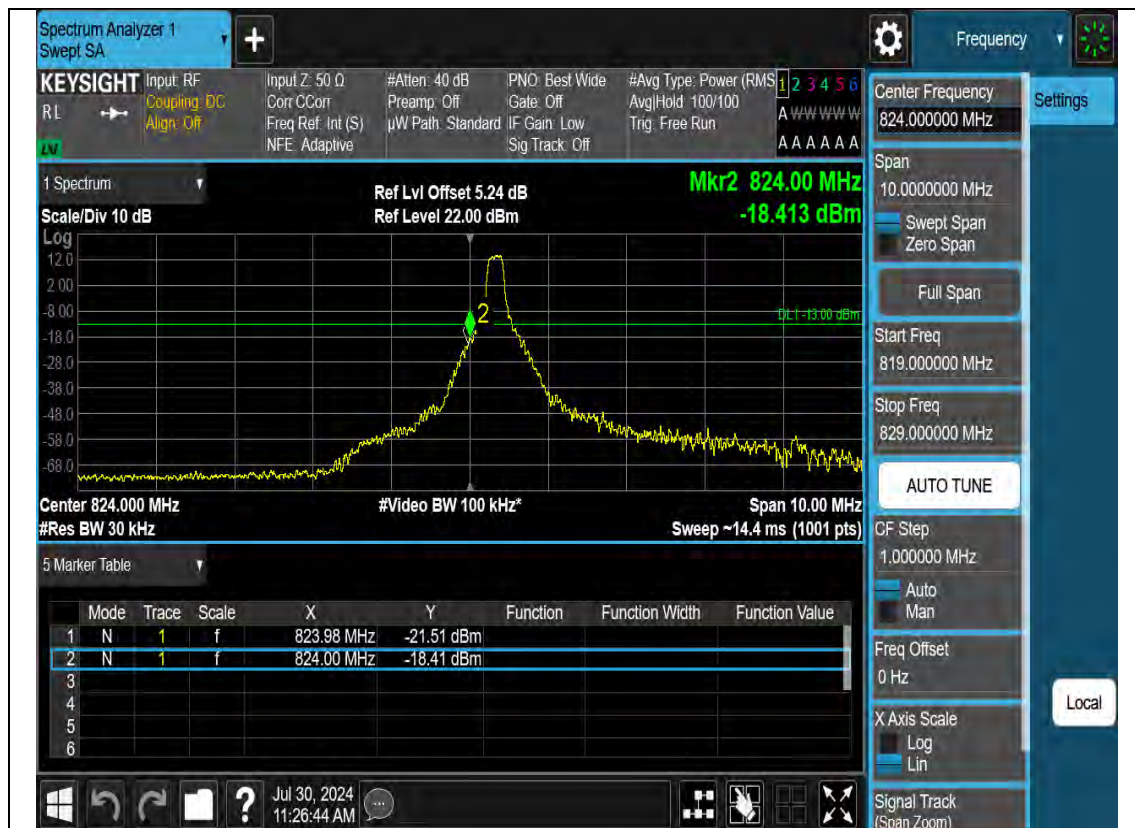
N26a(824-849MHz)-5M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N26a(824-849MHz)-5M-Bandedge-L-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-5M-Bandedge-L-CP-OFDM-QPSK-1RB0



N26a(824-849MHz)-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



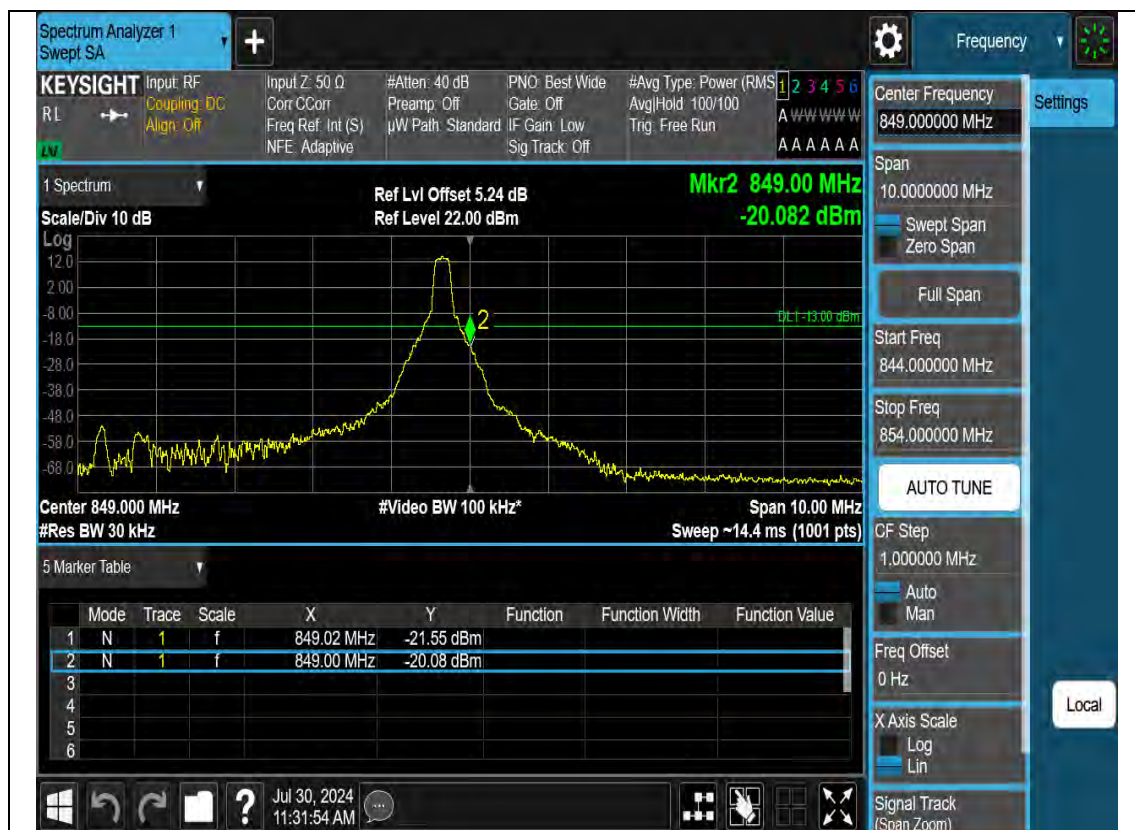
N26a(824-849MHz)-5M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB MAX



N26a(824-849MHz)-5M-Bandedge-H-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-5M-Bandedge-H-CP-OFDM-QPSK-1RB MAX



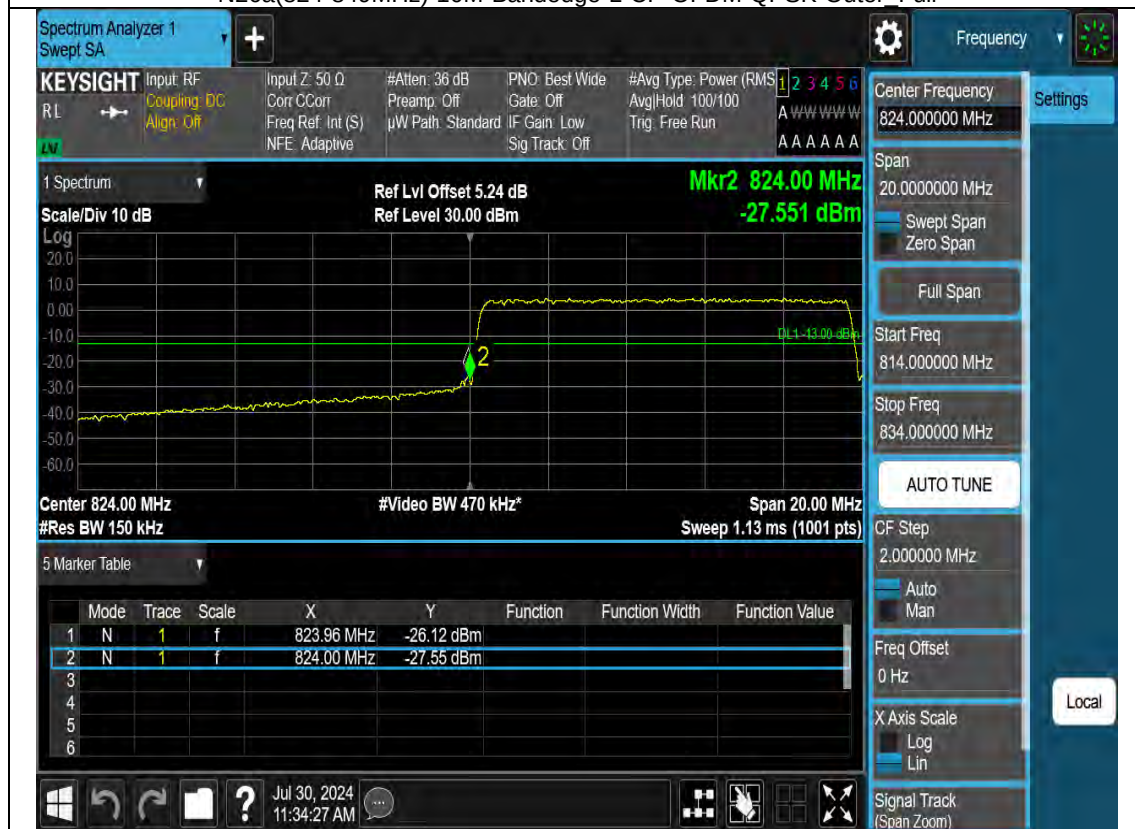
N26a(824-849MHz)-10M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-10M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N26a(824-849MHz)-10M-Bandedge-L-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-10M-Bandedge-L-CP-OFDM-QPSK-1RB0



N26a(824-849MHz)-10M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



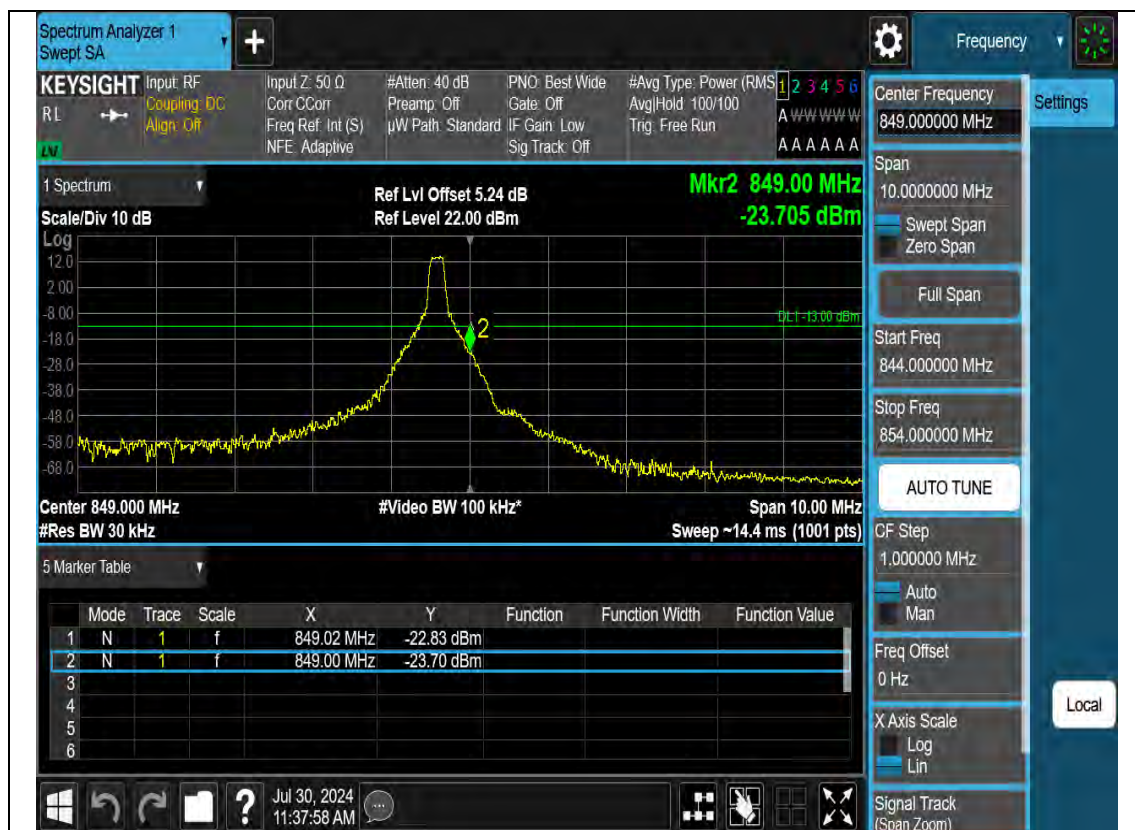
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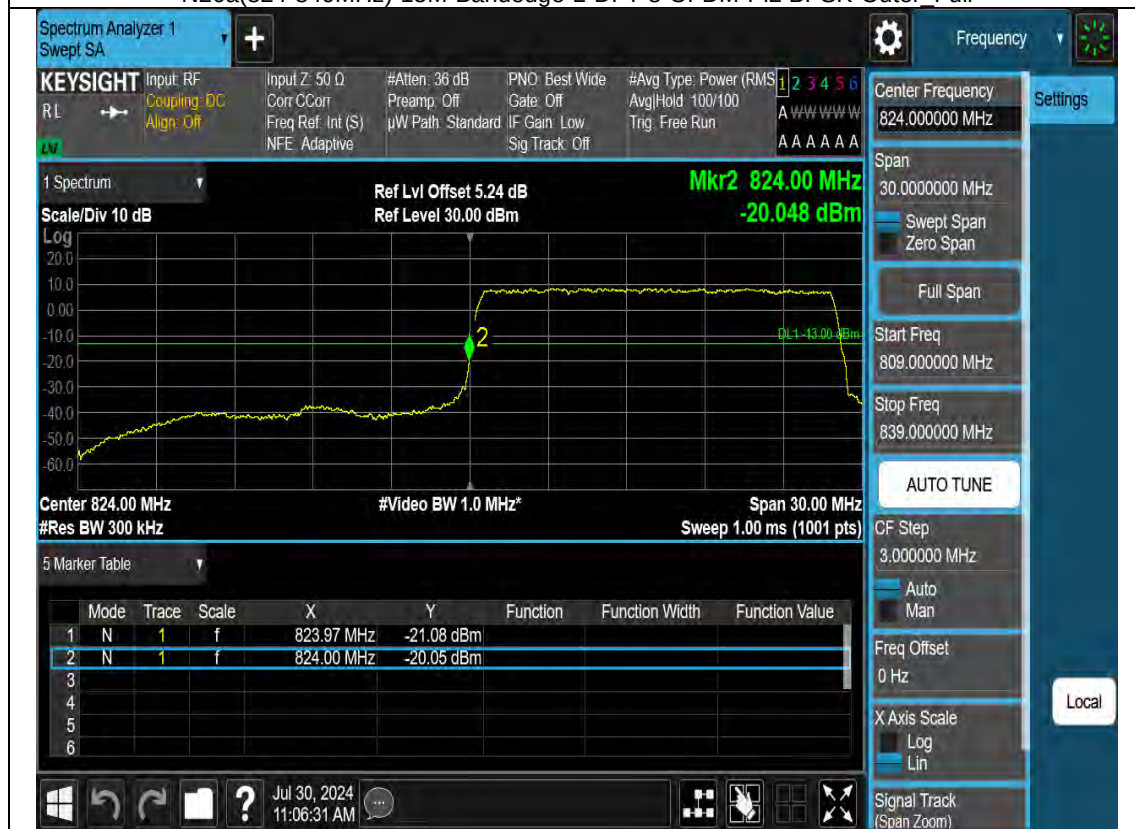
N26a(824-849MHz)-10M-Bandedge-H-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-10M-Bandedge-H-CP-OFDM-QPSK-1RB MAX



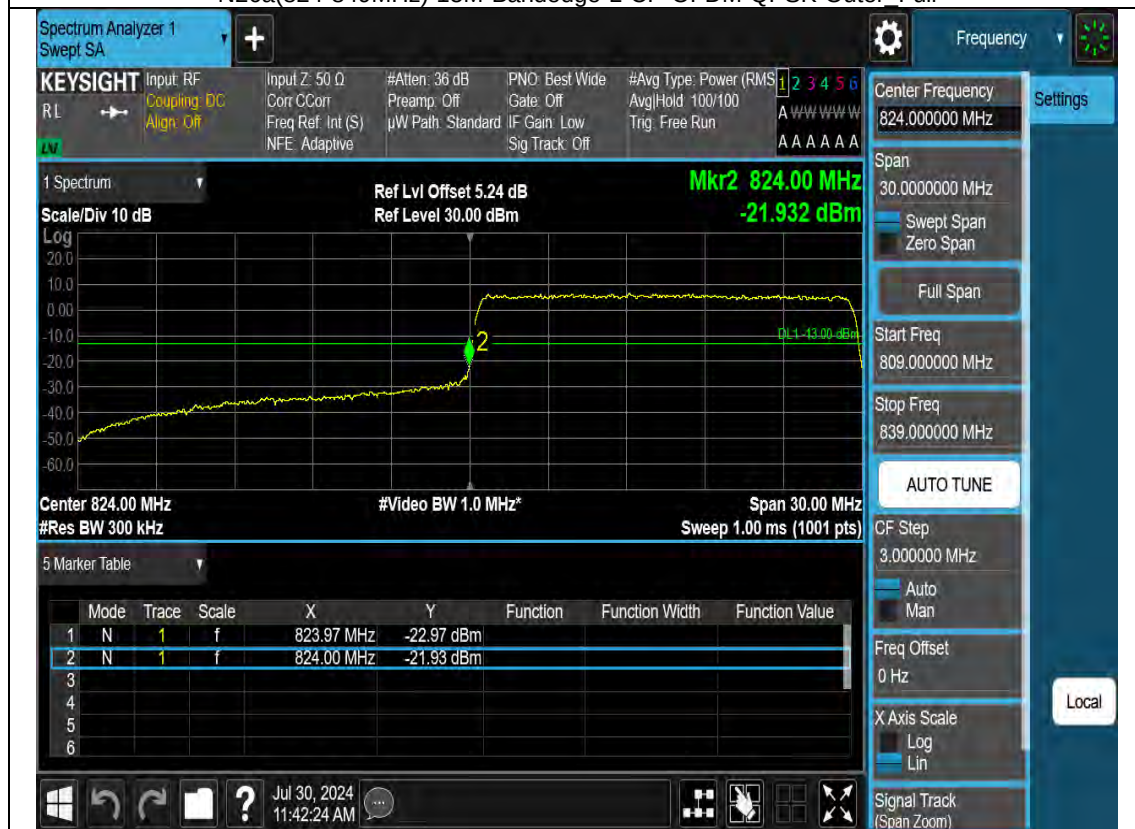
N26a(824-849MHz)-15M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-15M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



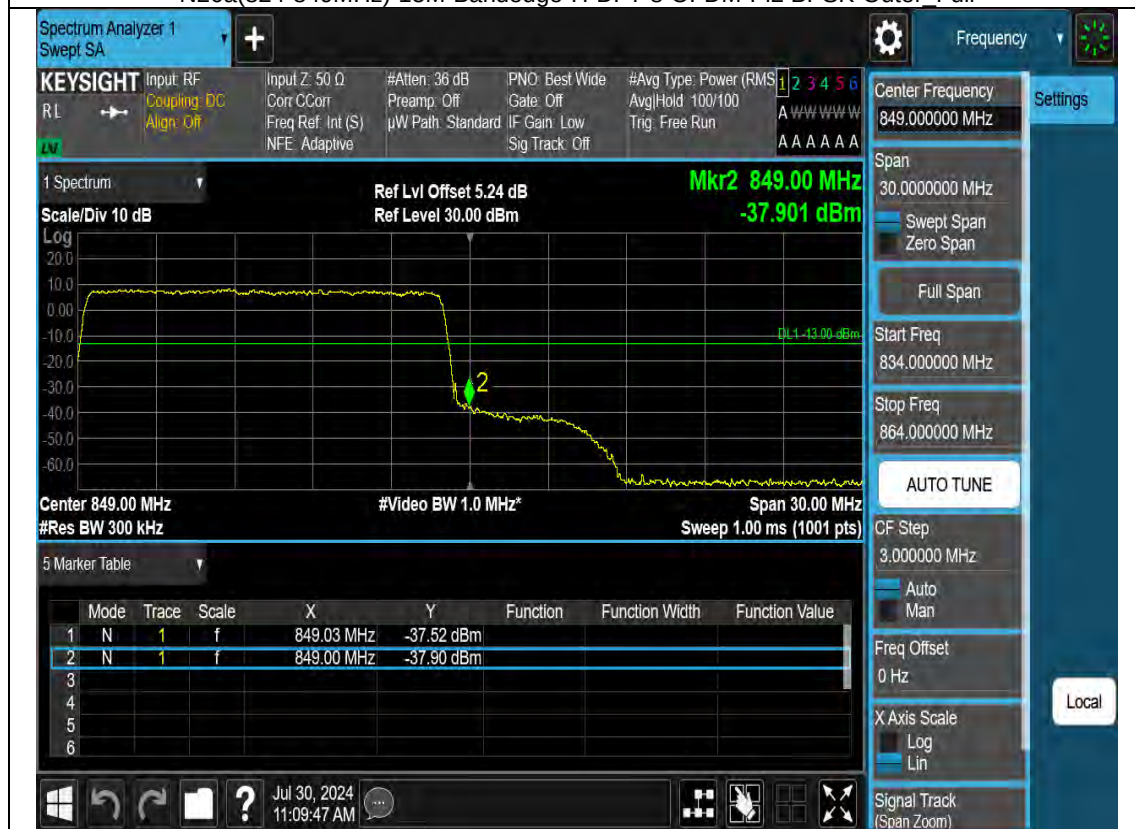
N26a(824-849MHz)-15M-Bandedge-L-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-15M-Bandedge-L-CP-OFDM-QPSK-1RB0



N26a(824-849MHz)-15M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-15M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB_MAX



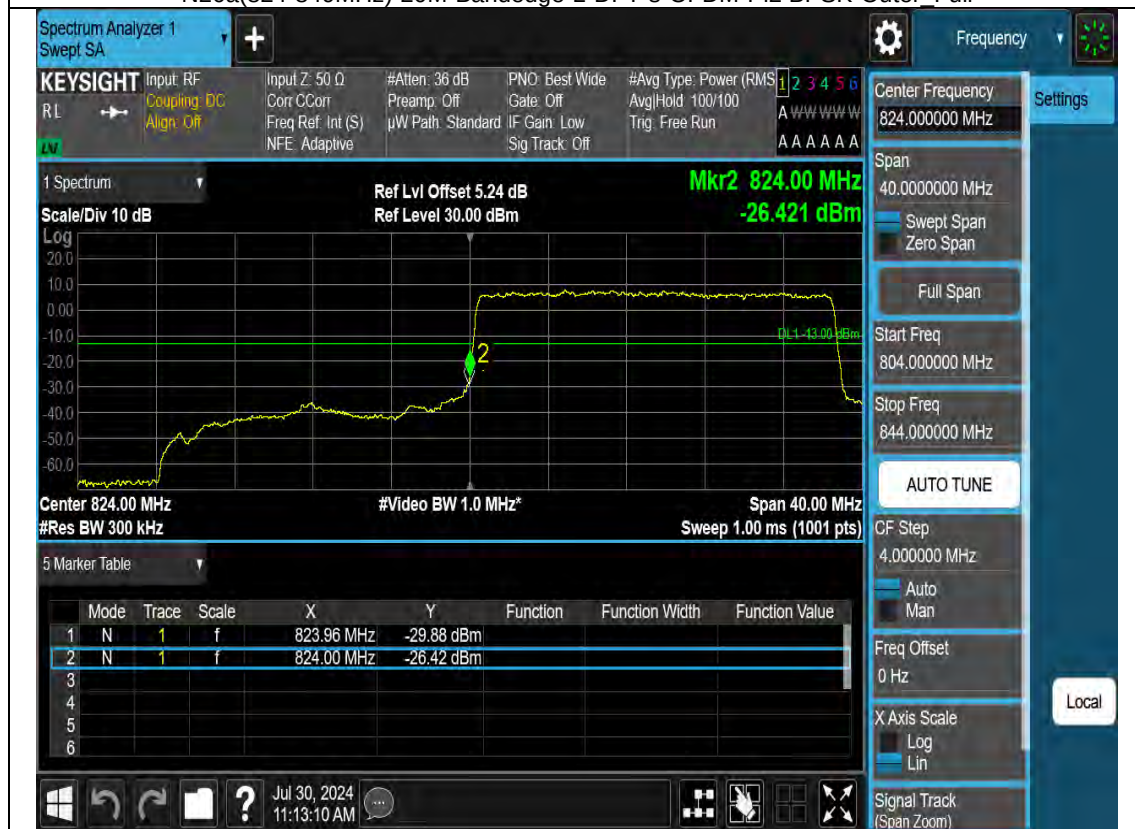
N26a(824-849MHz)-15M-Bandedge-H-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-15M-Bandedge-H-CP-OFDM-QPSK-1RB MAX



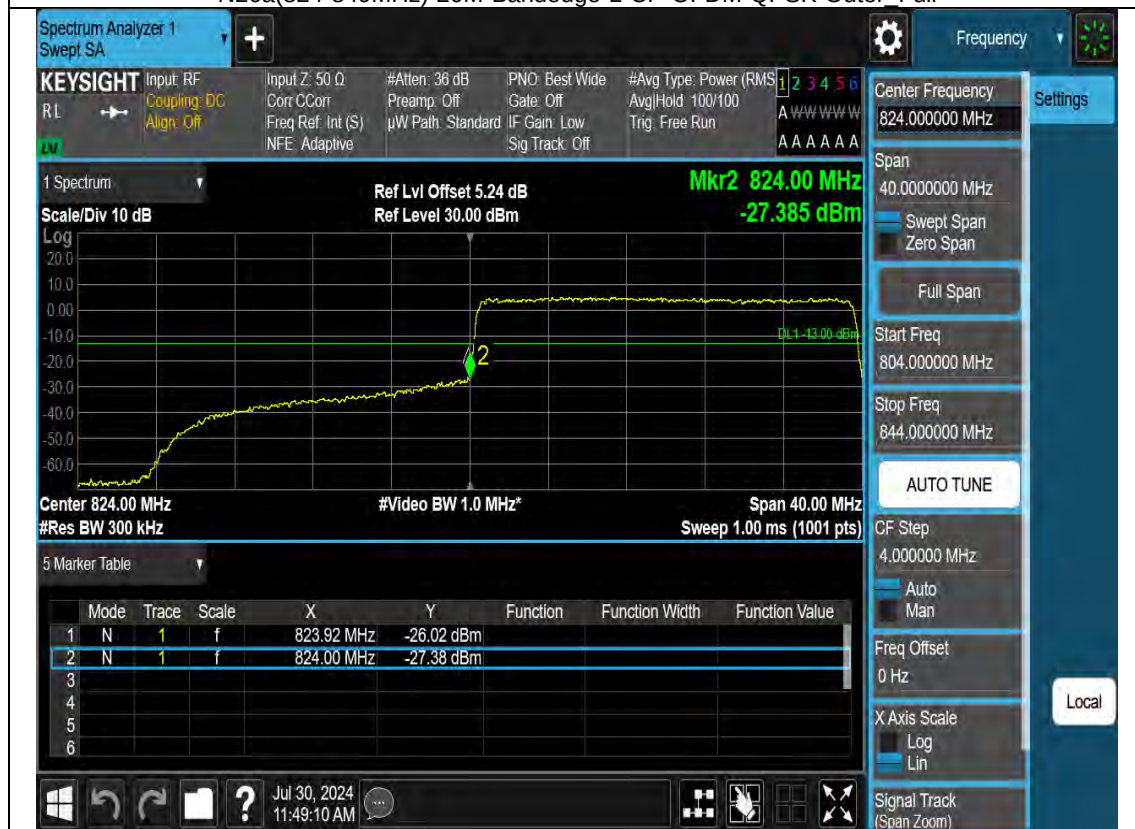
N26a(824-849MHz)-20M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-Outer_Full



N26a(824-849MHz)-20M-Bandedge-L-DFT-s-OFDM-Pi2 BPSK-1RB0



N26a(824-849MHz)-20M-Bandedge-L-CP-OFDM-QPSK-Outer Full



N26a(824-849MHz)-20M-Bandedge-L-CP-OFDM-QPSK-1RB0



N26a(824-849MHz)-20M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-Outer Full



N26a(824-849MHz)-20M-Bandedge-H-DFT-s-OFDM-Pi2 BPSK-1RB MAX



N26a(824-849MHz)-20M-Bandedge-H-CP-OFDM-QPSK-Outer Full

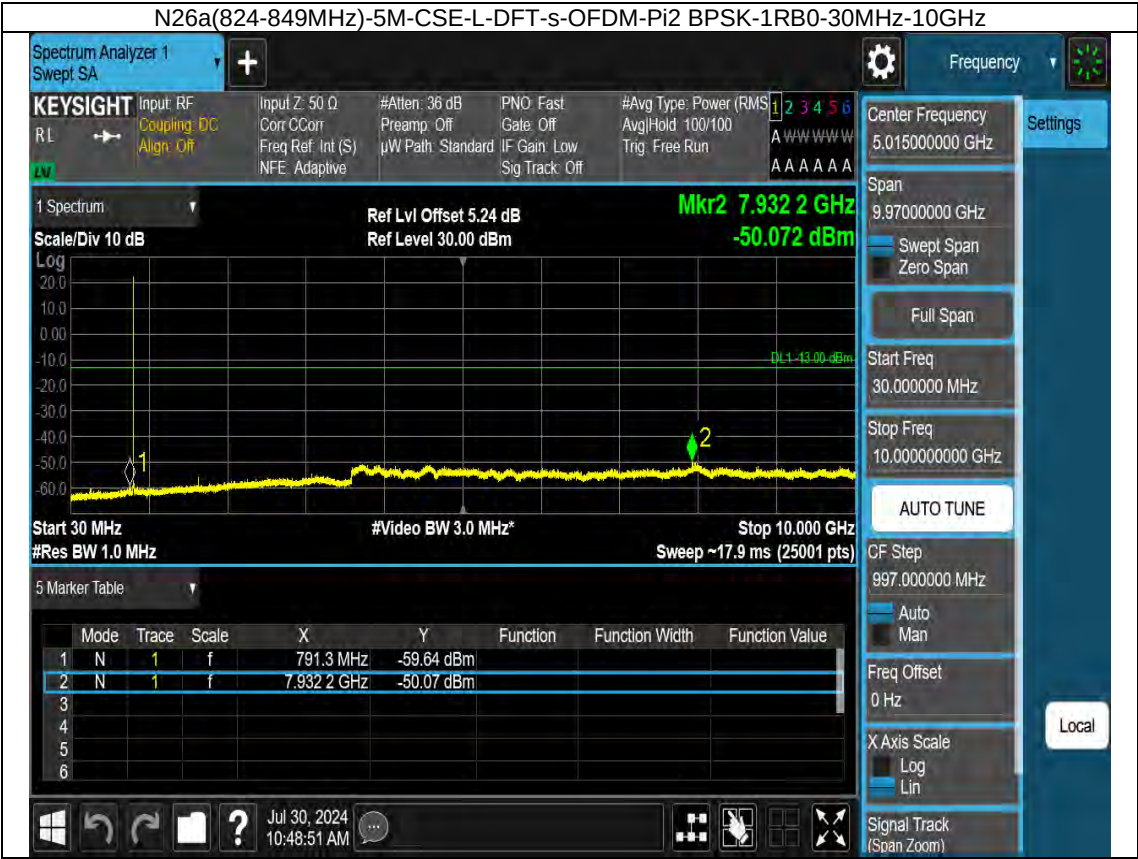


N26a(824-849MHz)-20M-Bandedge-H-CP-OFDM-QPSK-1RB MAX



Conducted spurious emissions

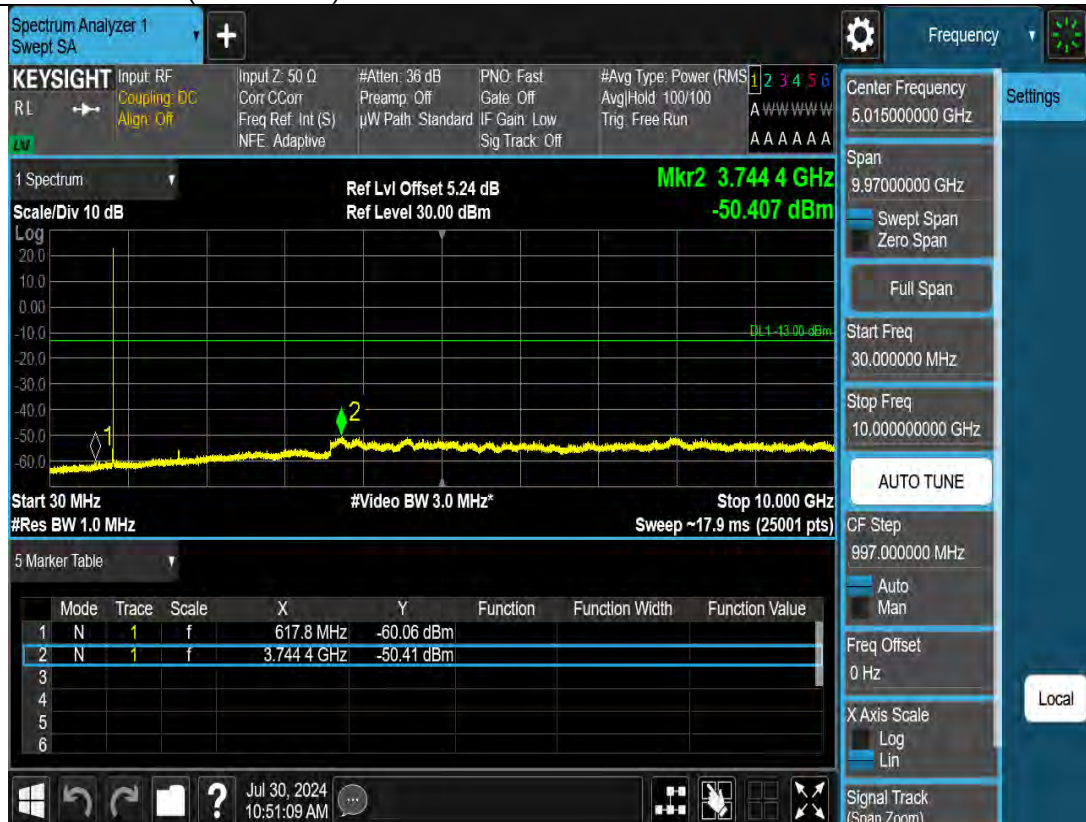
test graph



N26a(824-849MHz)-5M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



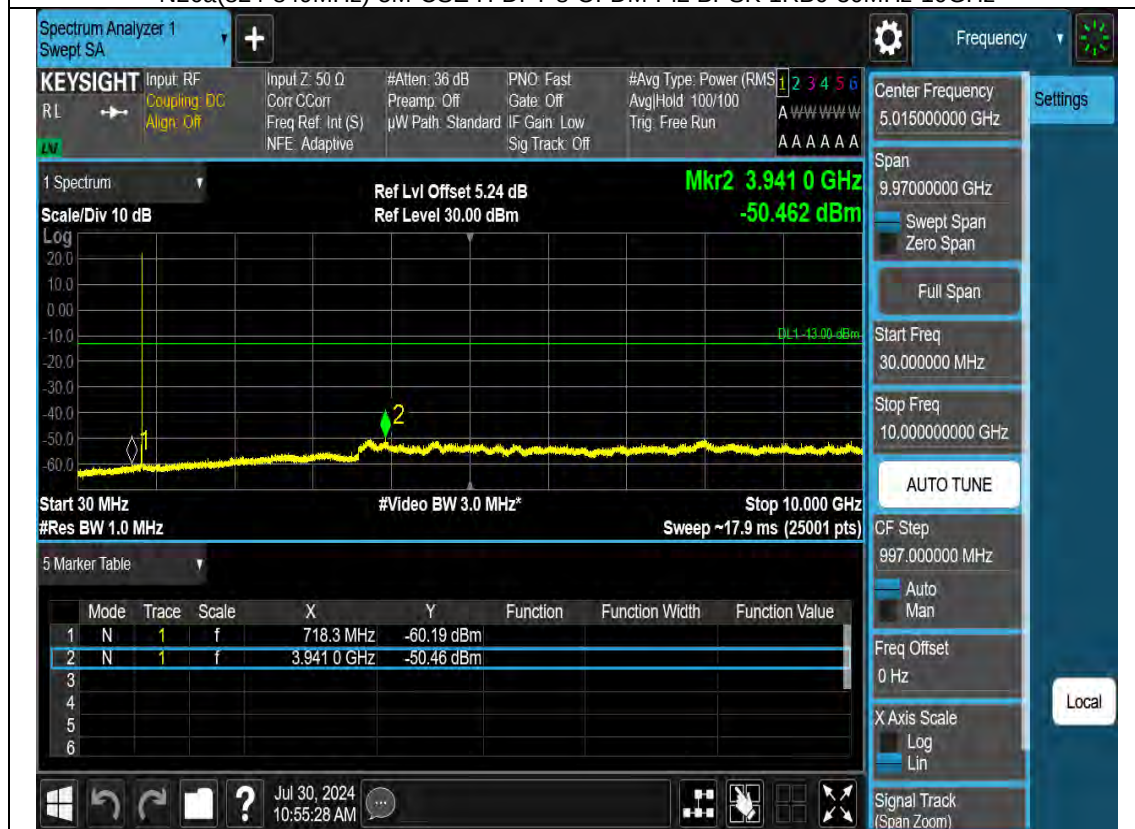
N26a(824-849MHz)-5M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-5M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-5M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-5M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



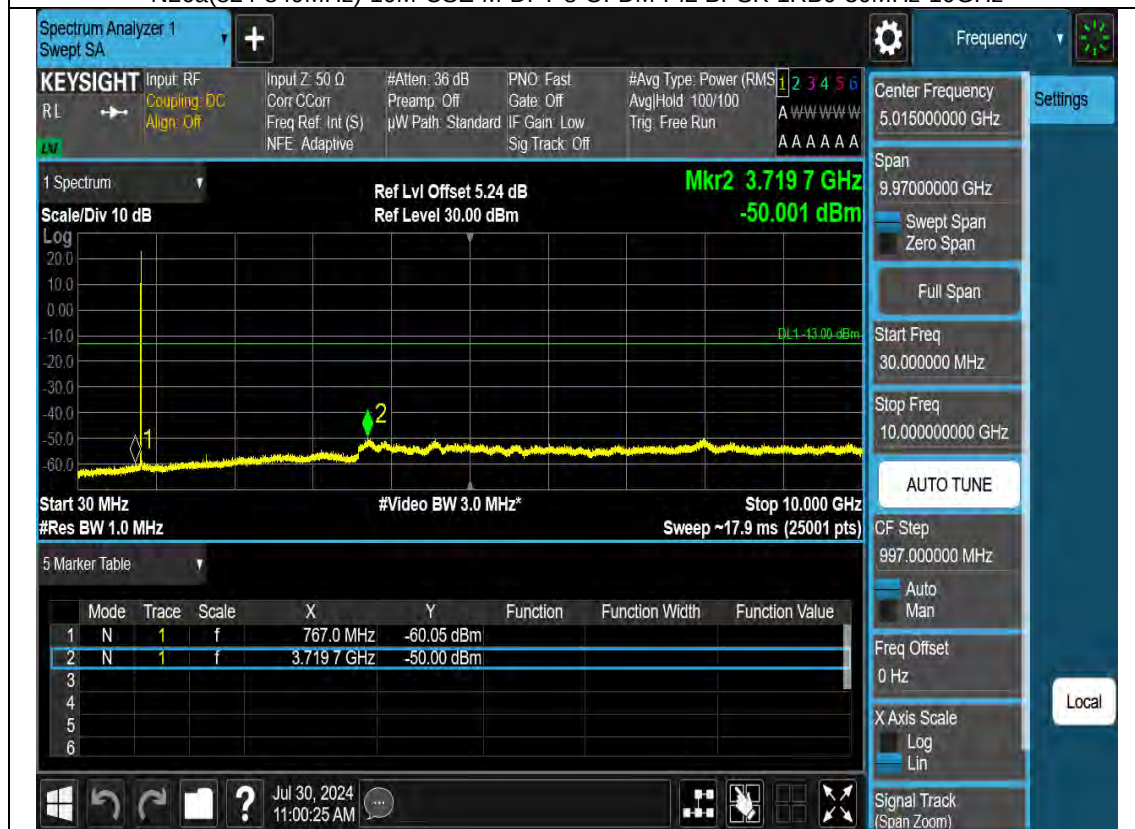
N26a(824-849MHz)-10M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-10M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



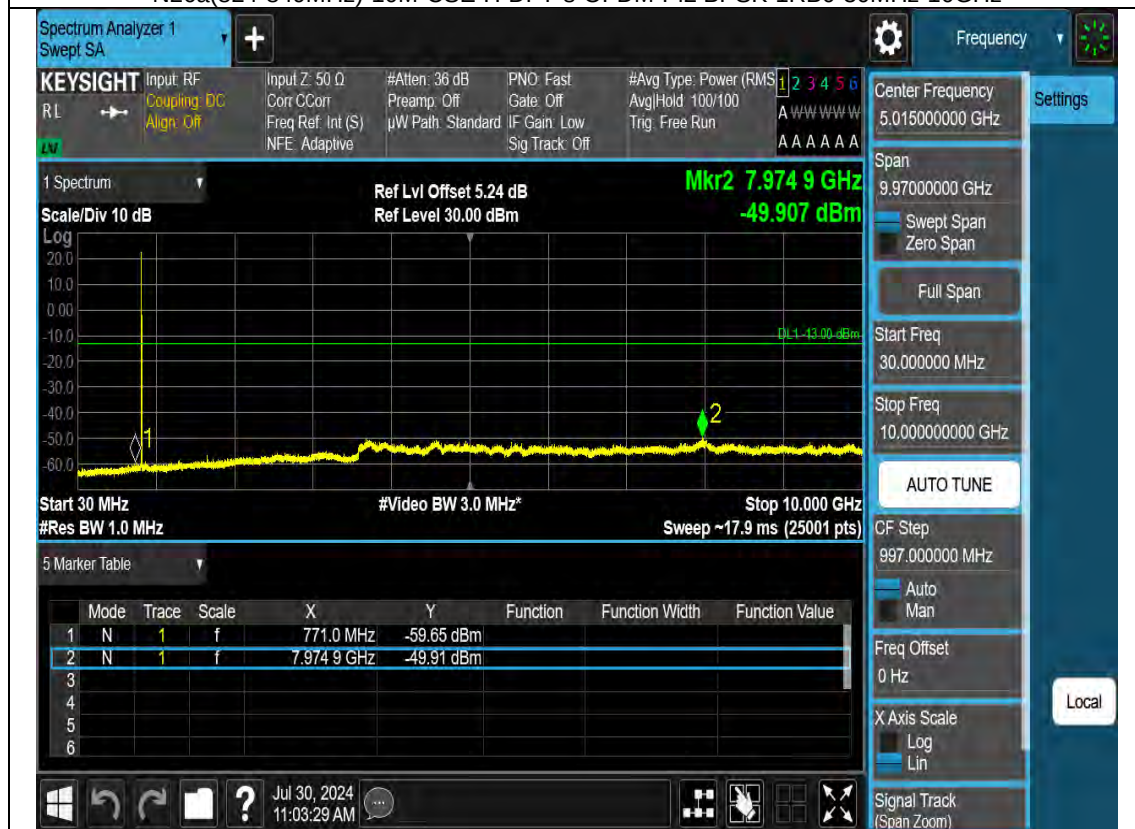
N26a(824-849MHz)-10M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-10M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



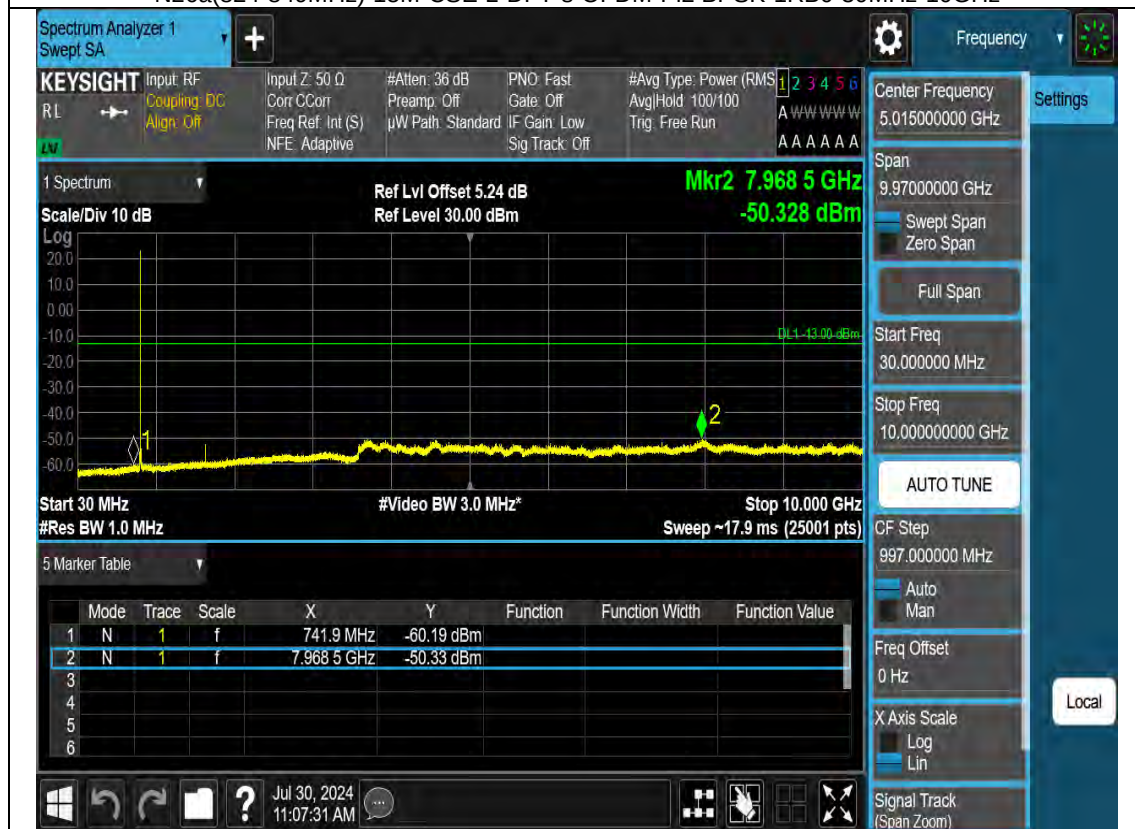
N26a(824-849MHz)-10M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-10M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-15M-CSE-L-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-15M-CSE-L-CP-OFDM-QPSK-1RB0-30MHz-10GHz



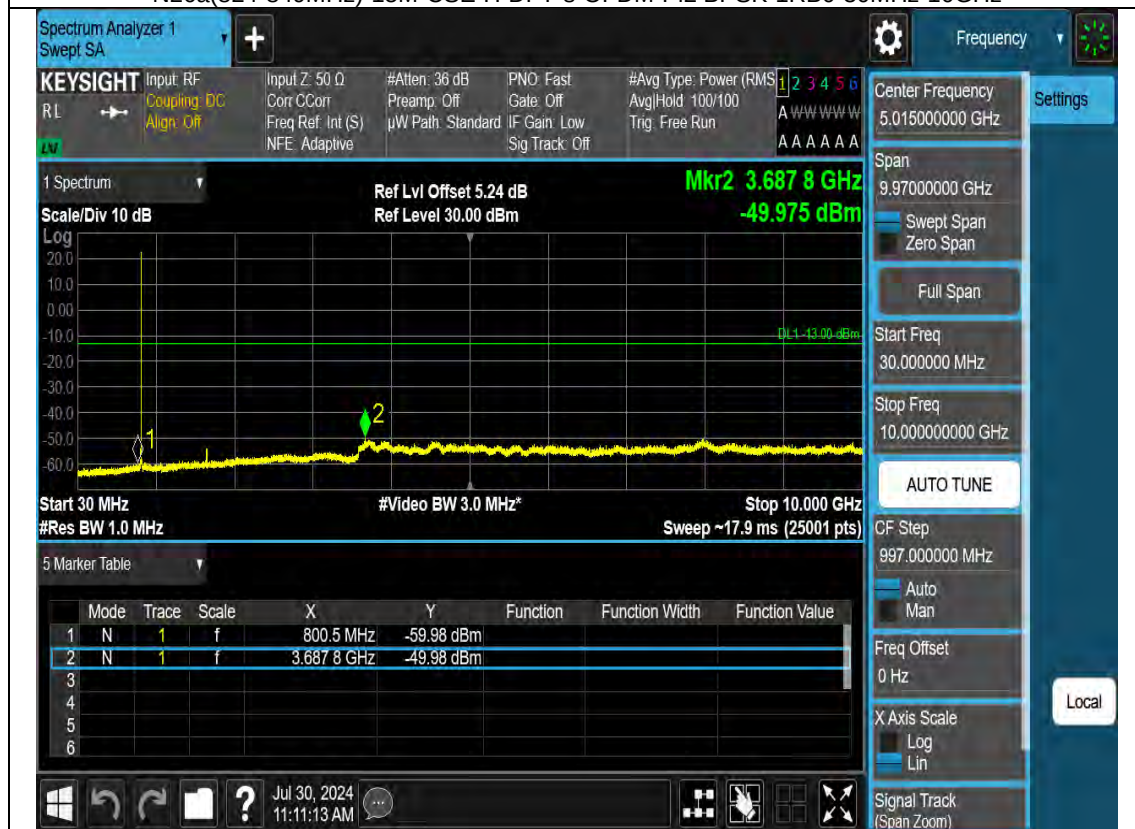
N26a(824-849MHz)-15M-CSE-M-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-15M-CSE-M-CP-OFDM-QPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-15M-CSE-H-DFT-s-OFDM-Pi2 BPSK-1RB0-30MHz-10GHz



N26a(824-849MHz)-15M-CSE-H-CP-OFDM-QPSK-1RB0-30MHz-10GHz