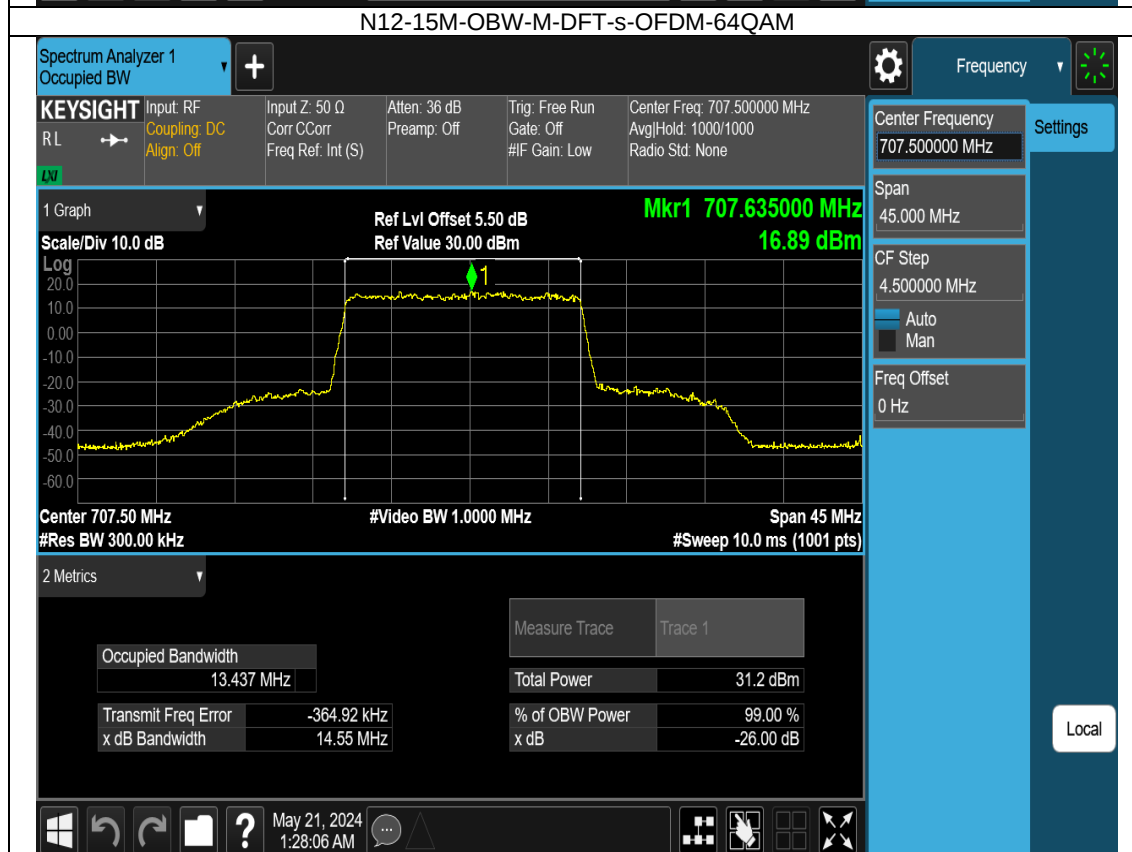
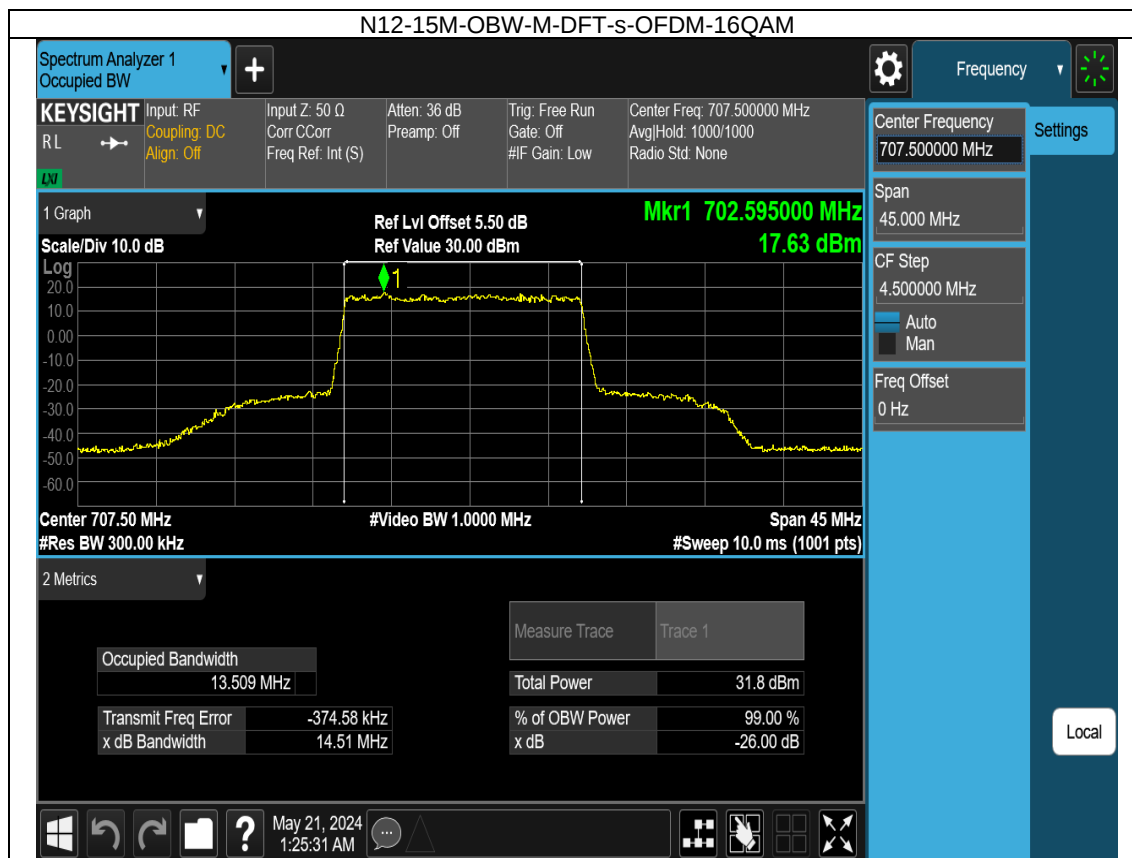
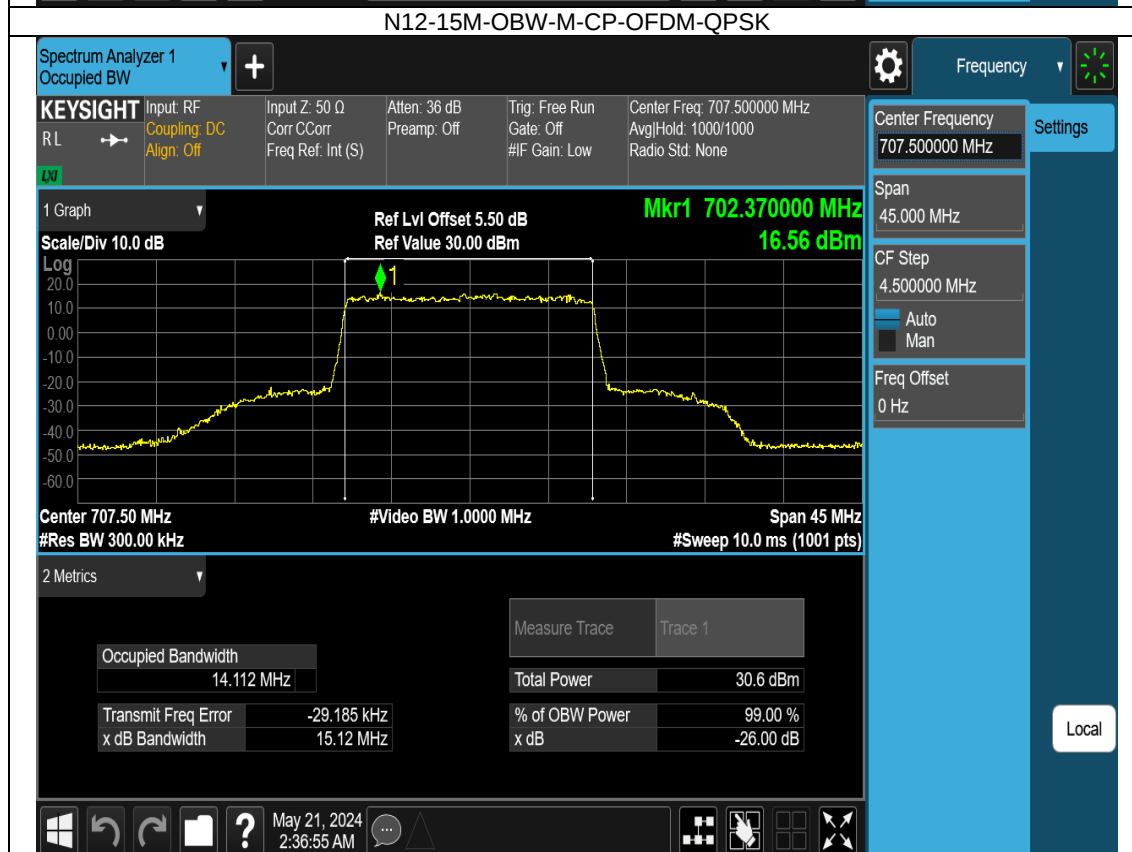
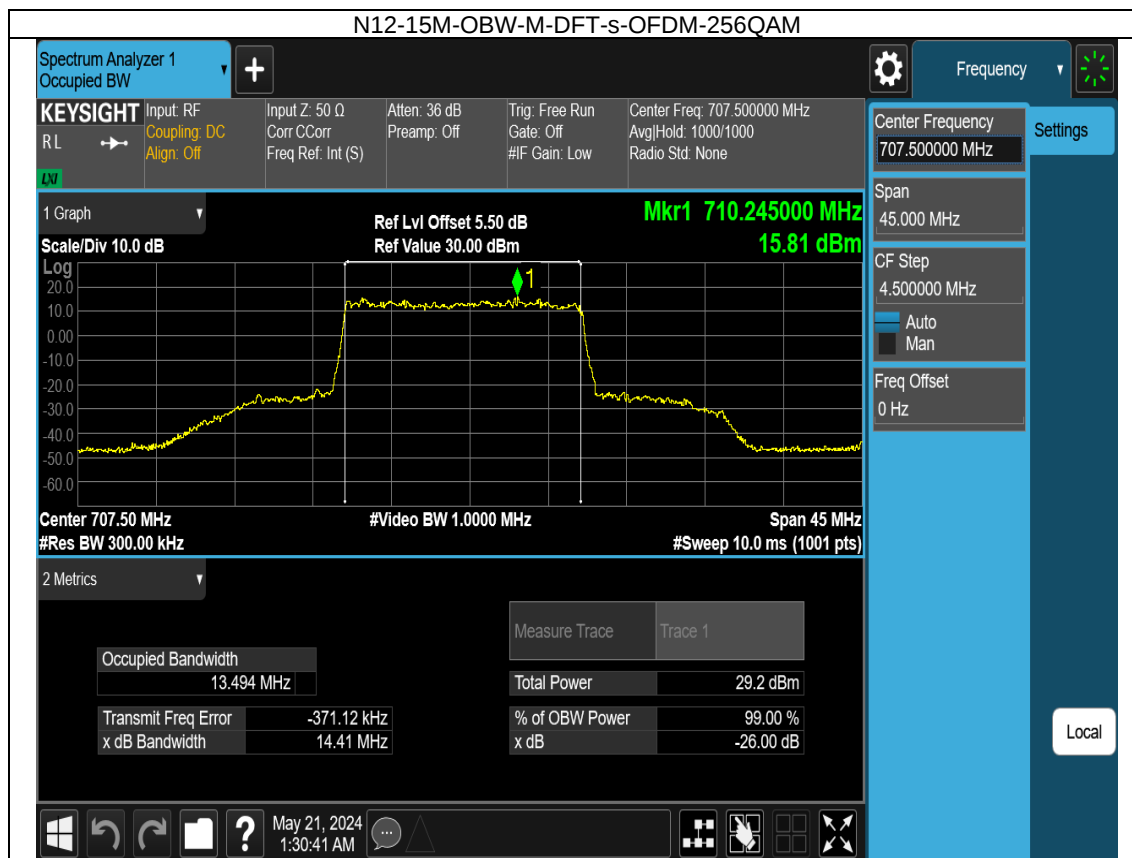
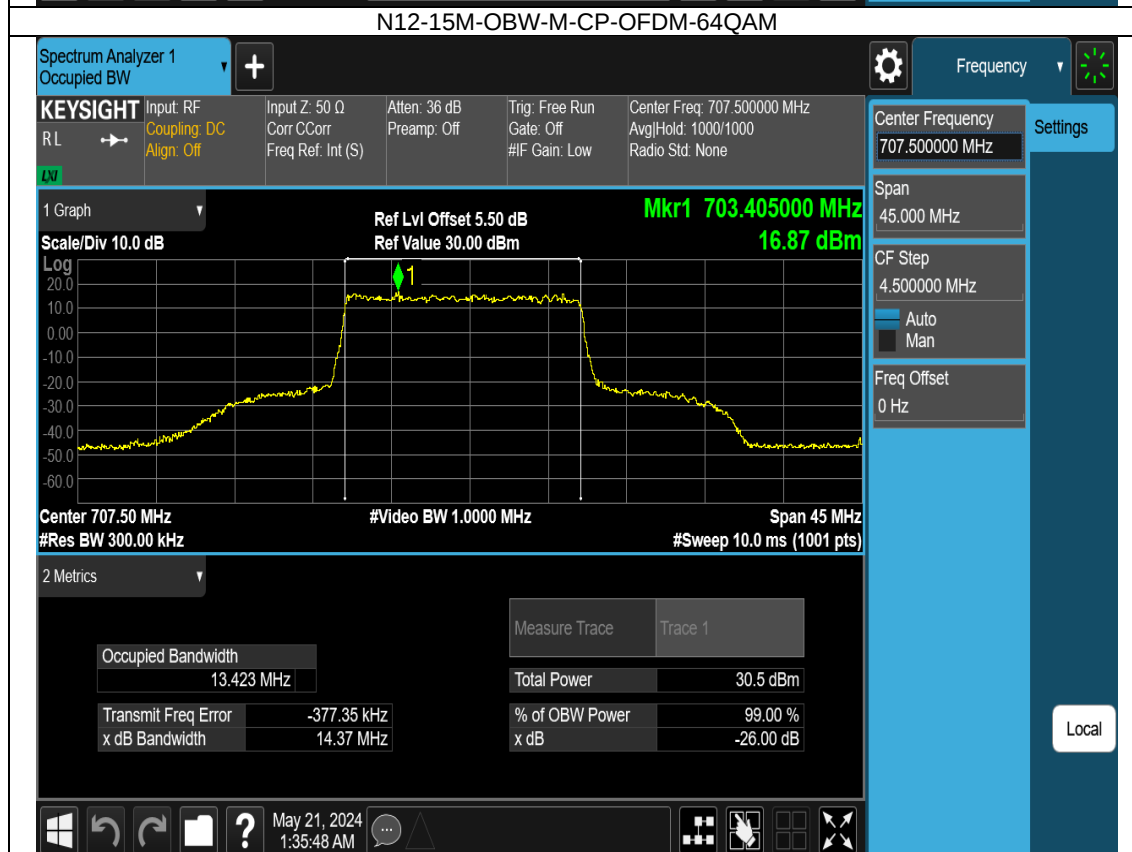
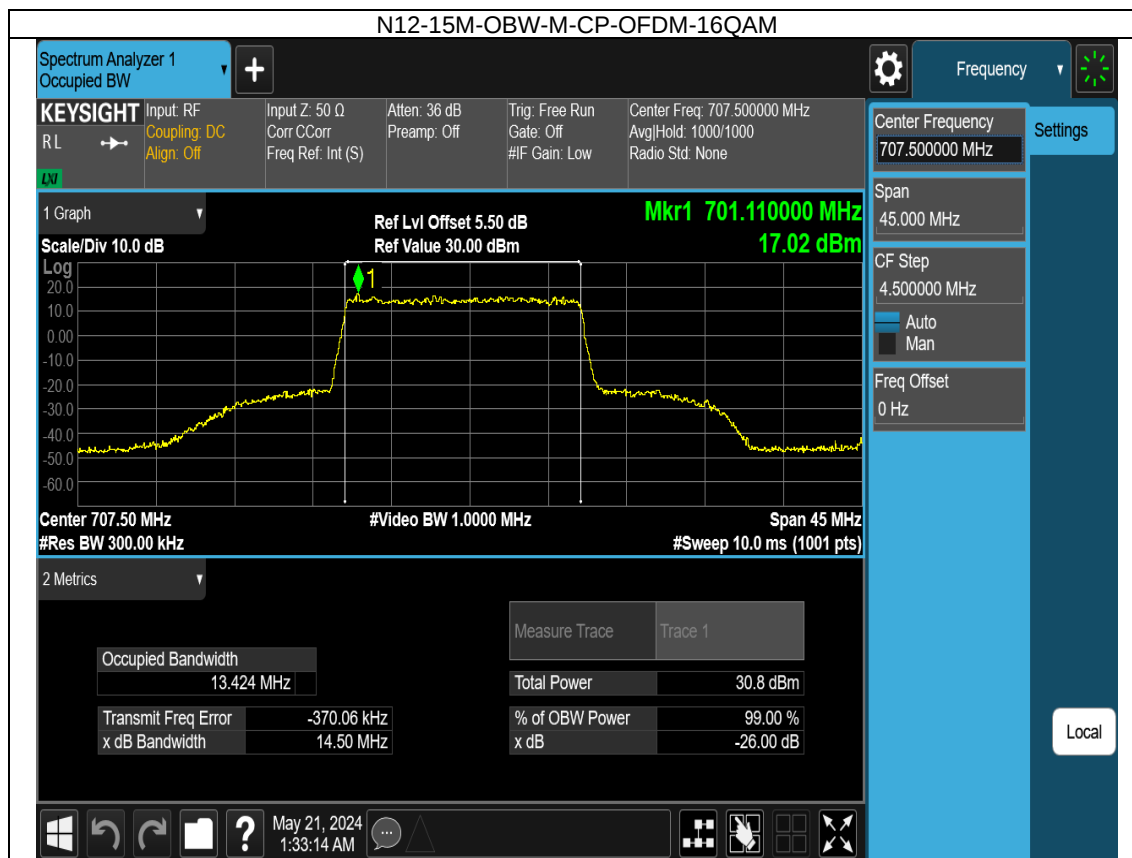
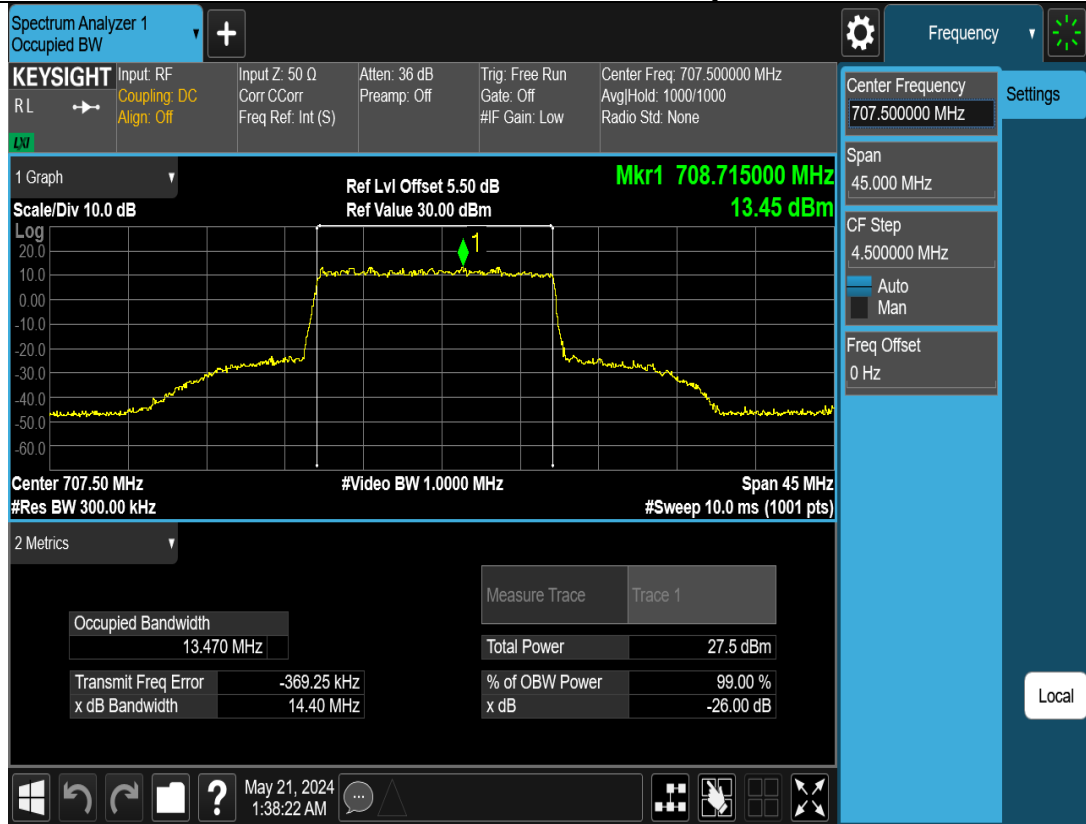




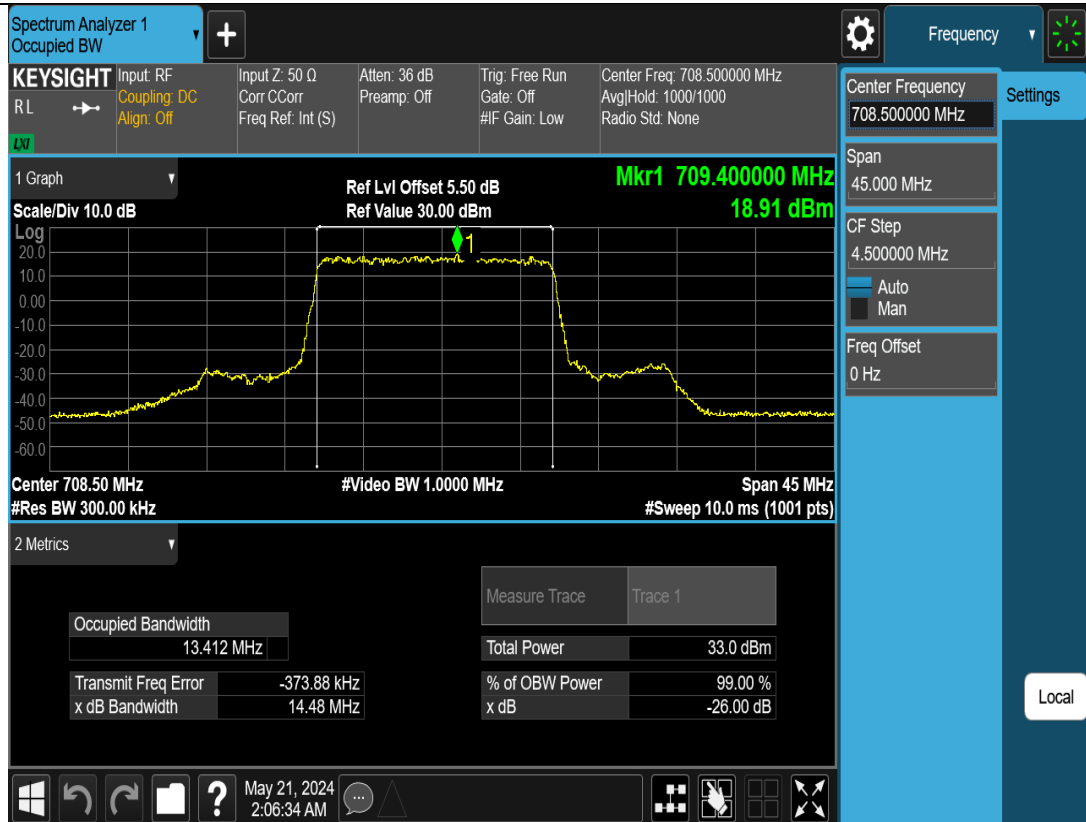




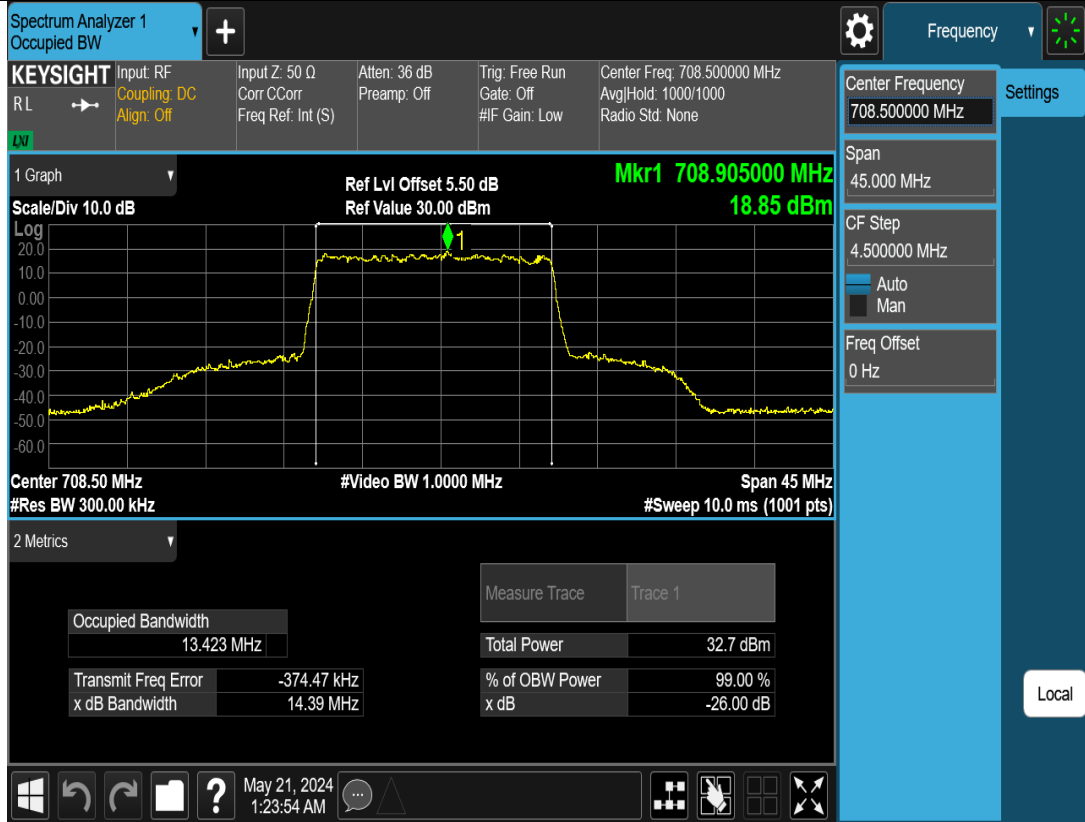
N12-15M-OBW-M-CP-OFDM-256QAM



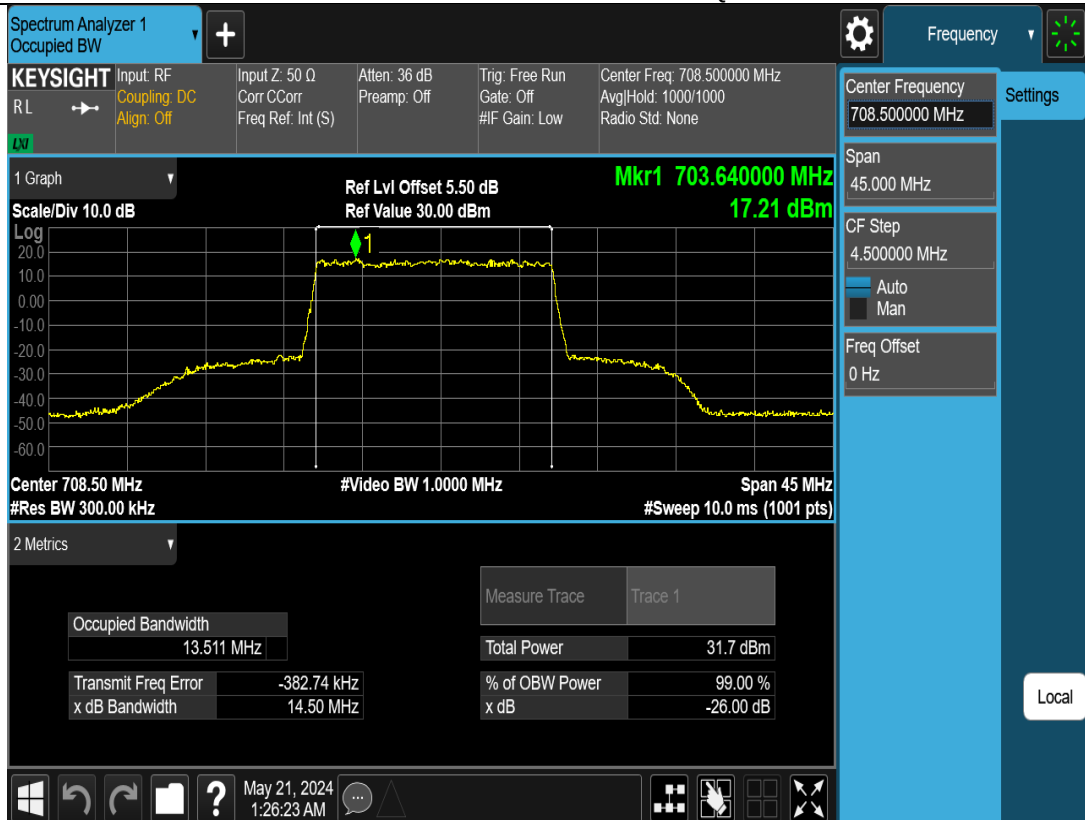
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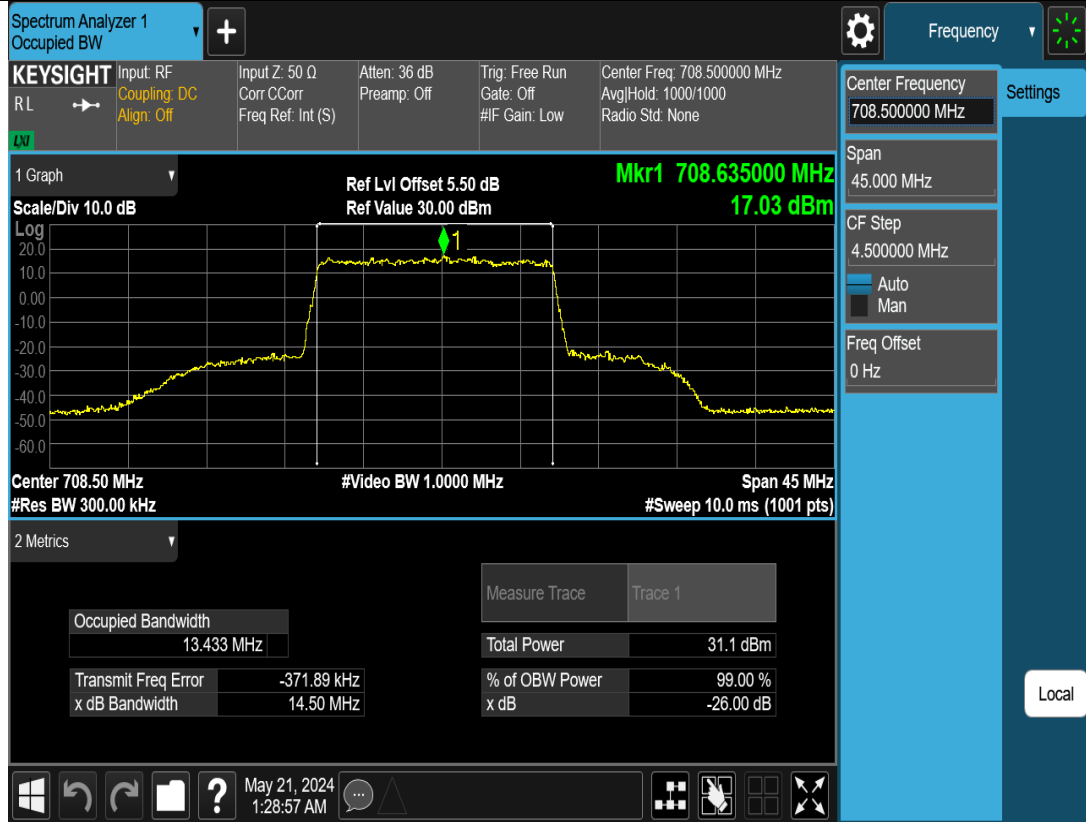
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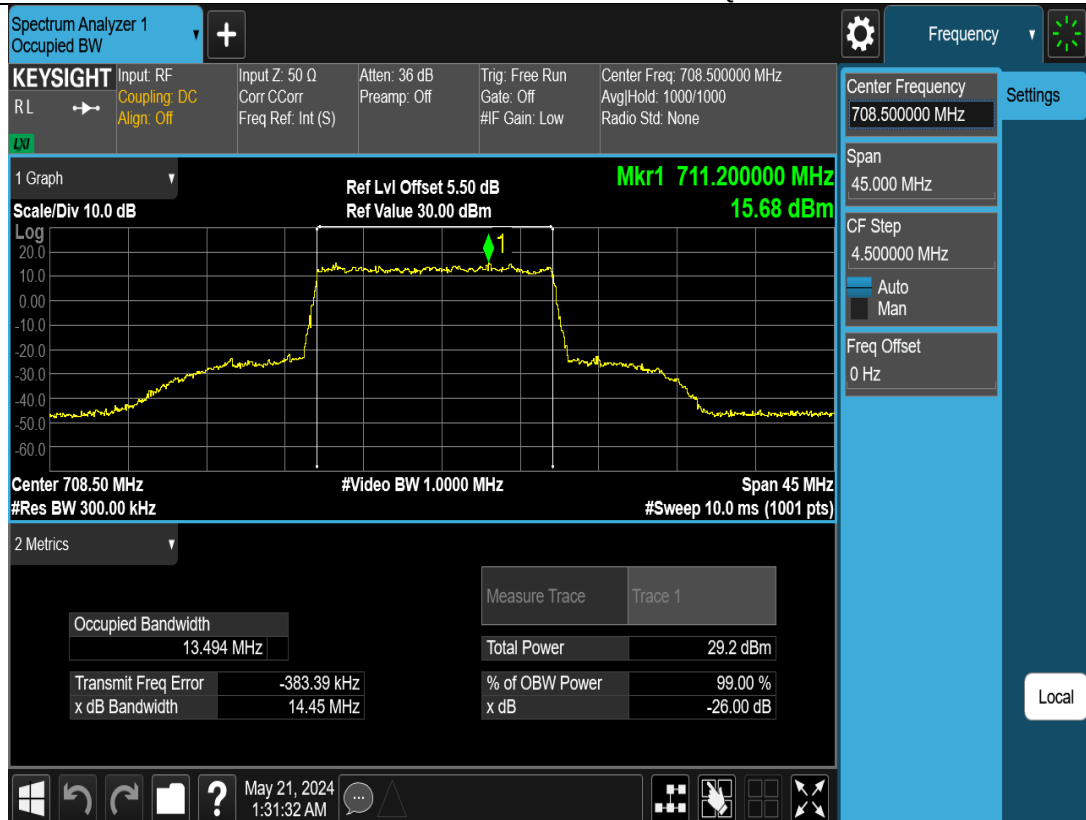
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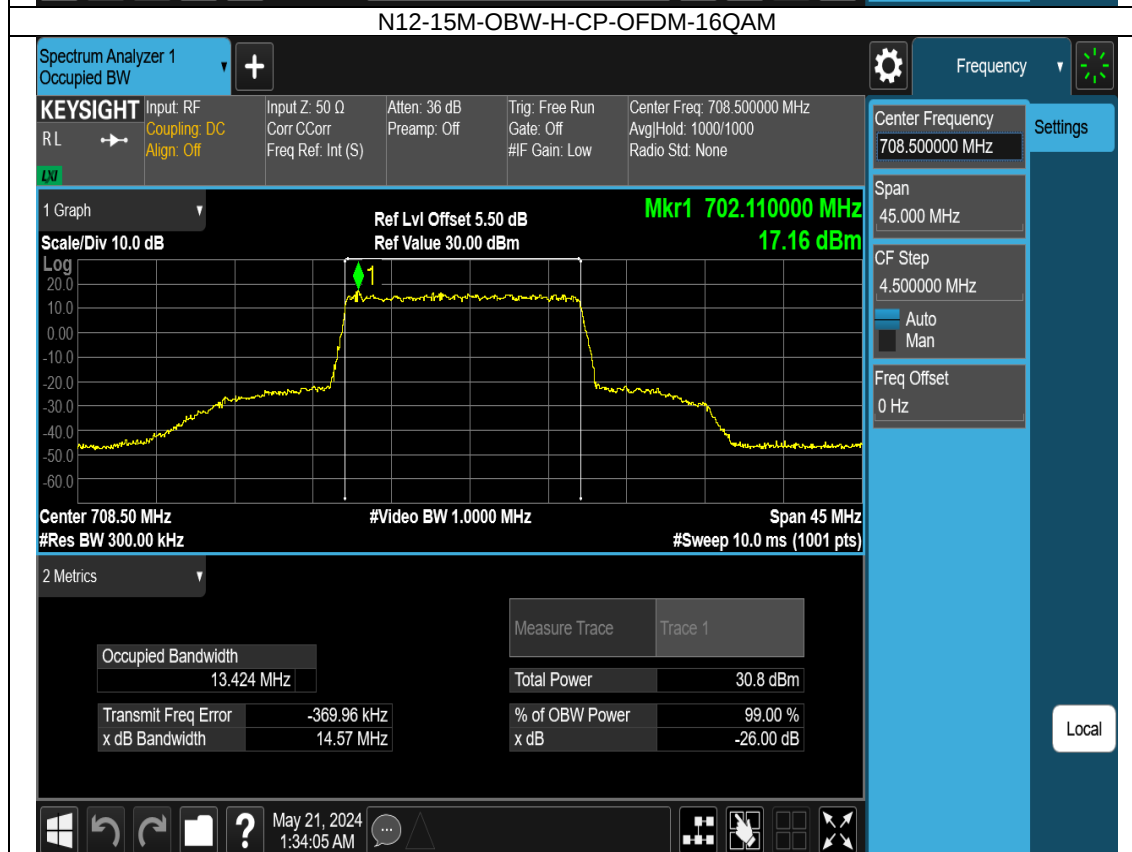
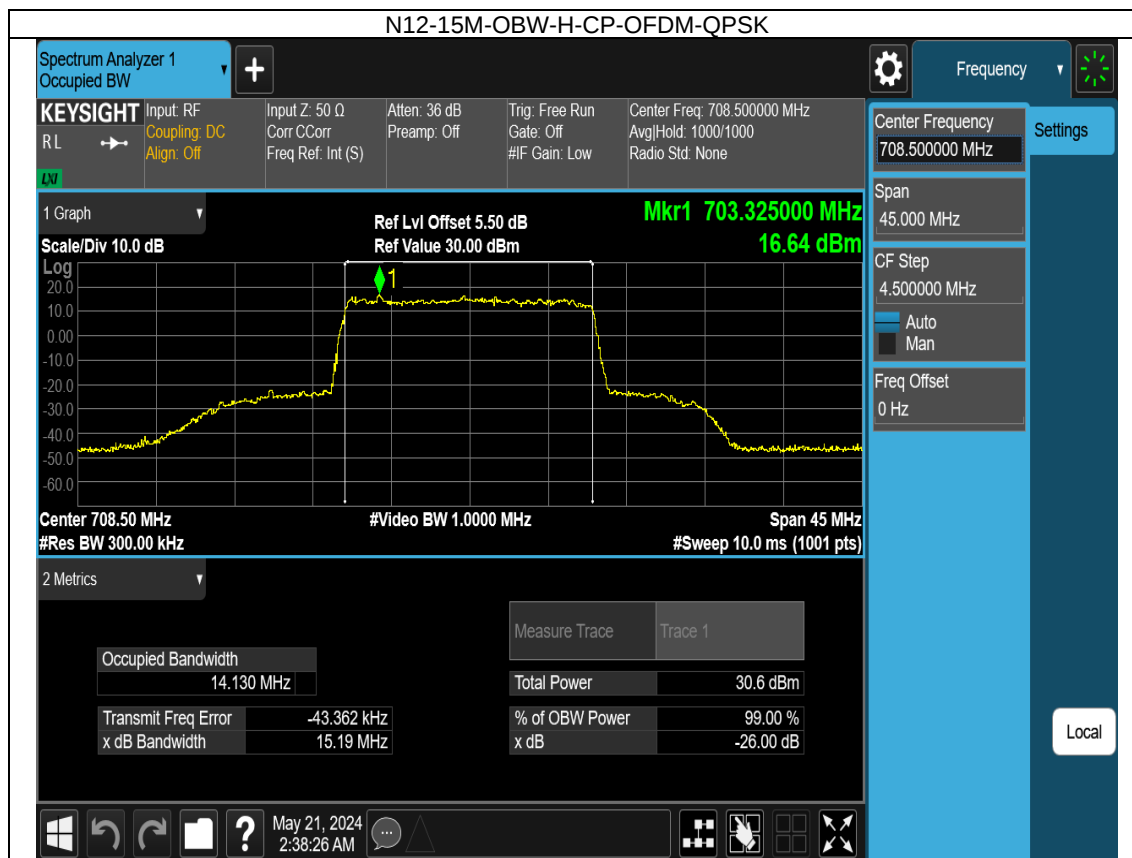


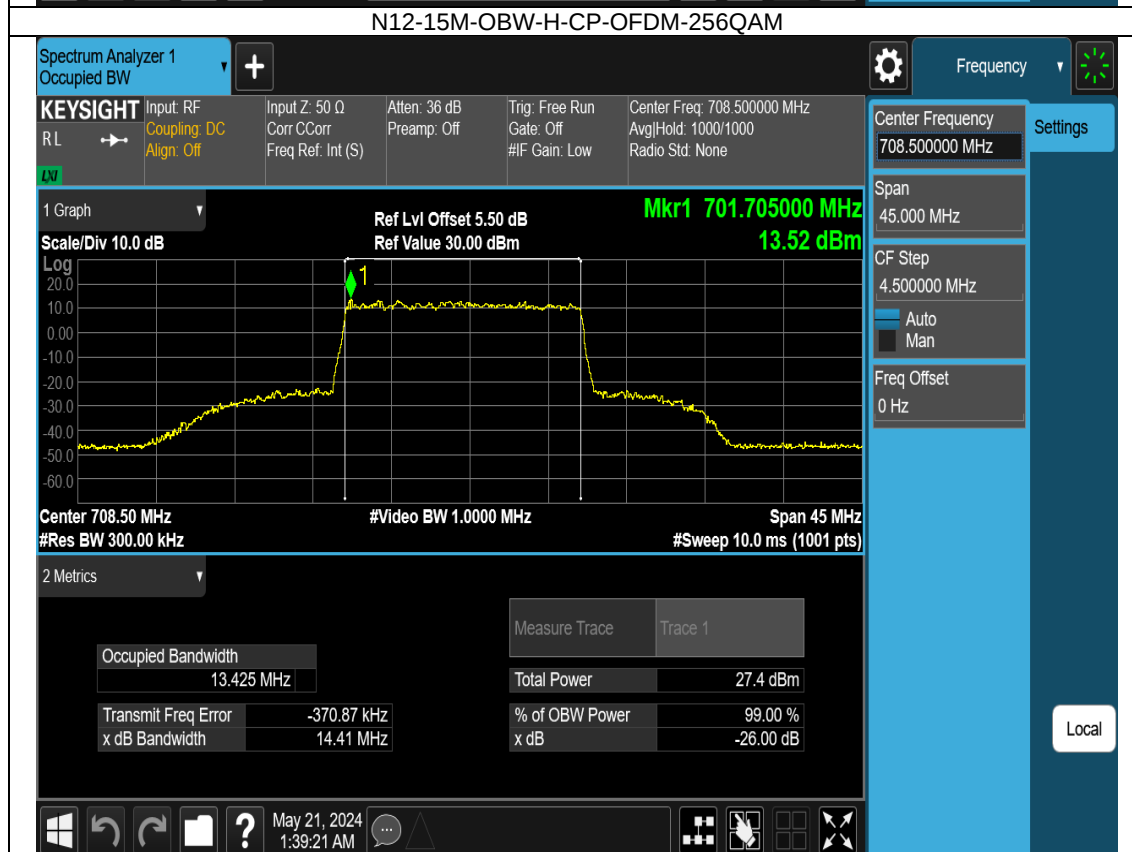
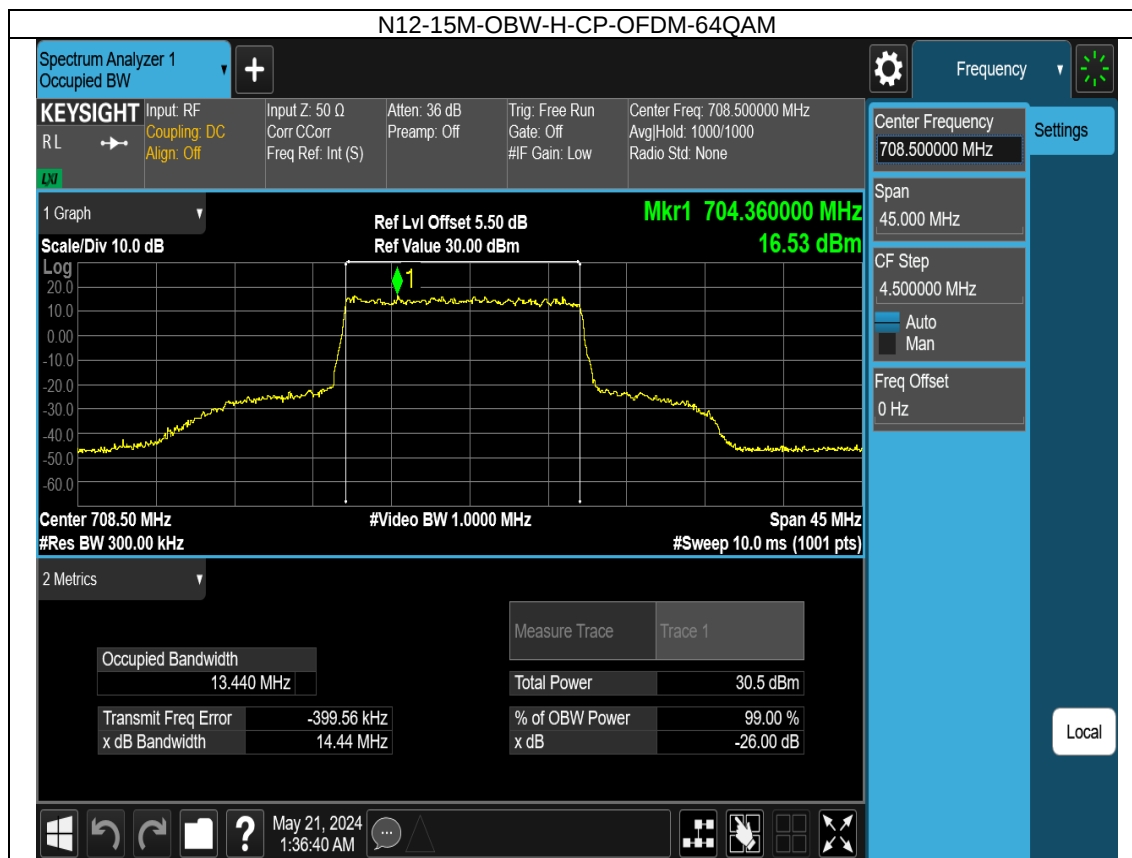
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N12-15M-OBW-H-DFT-s-OFDM-256QAM







Peak-Average Ratio

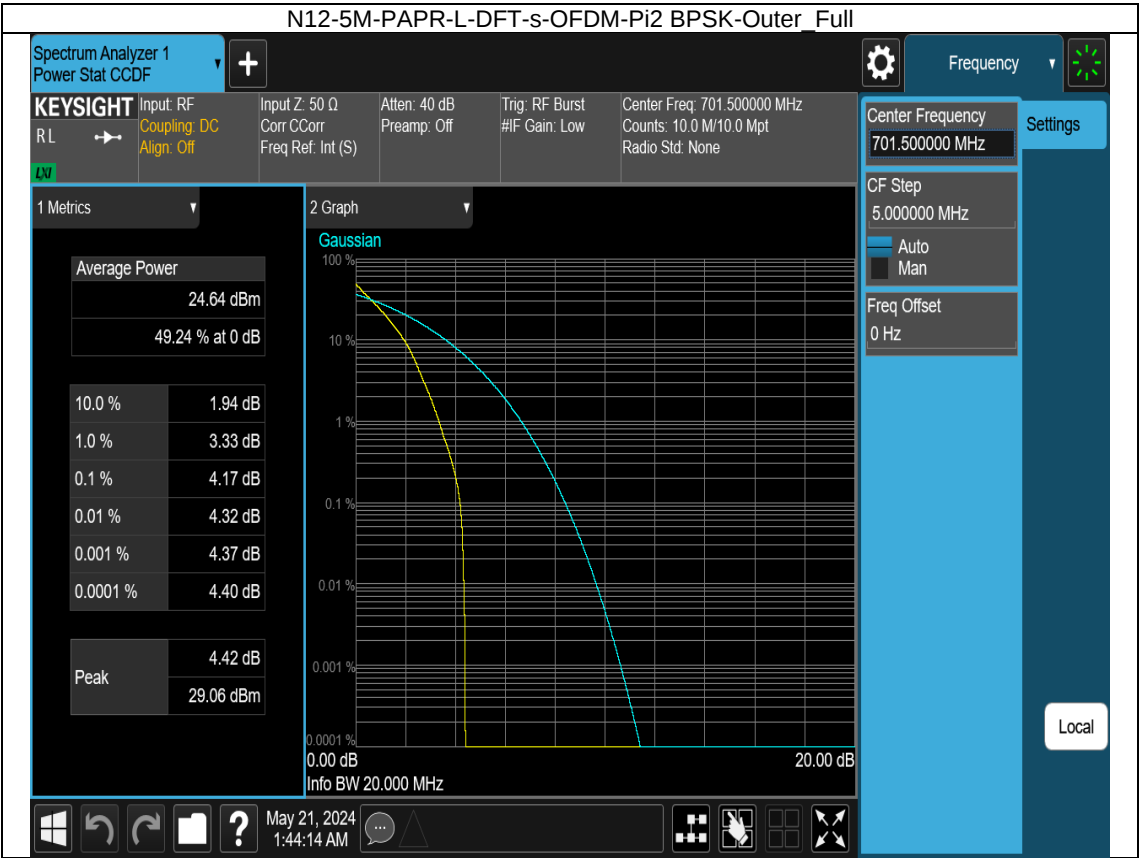
Test Result

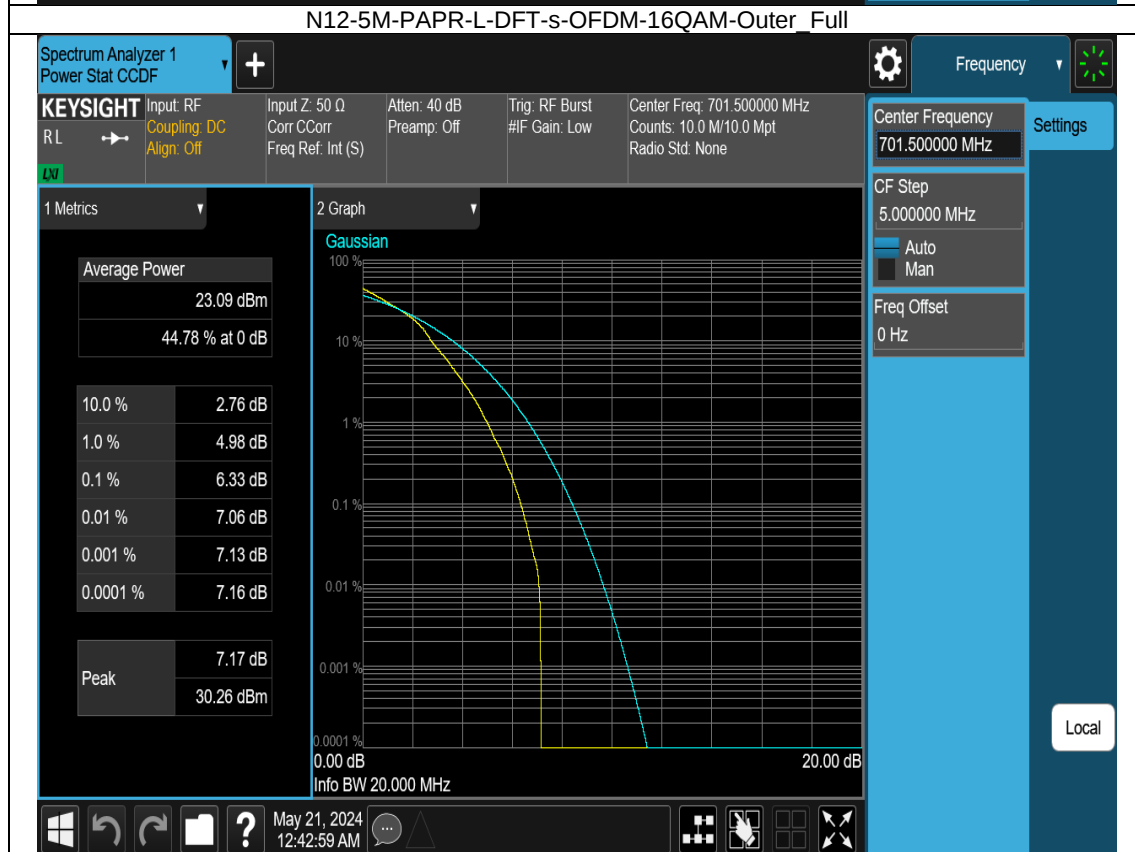
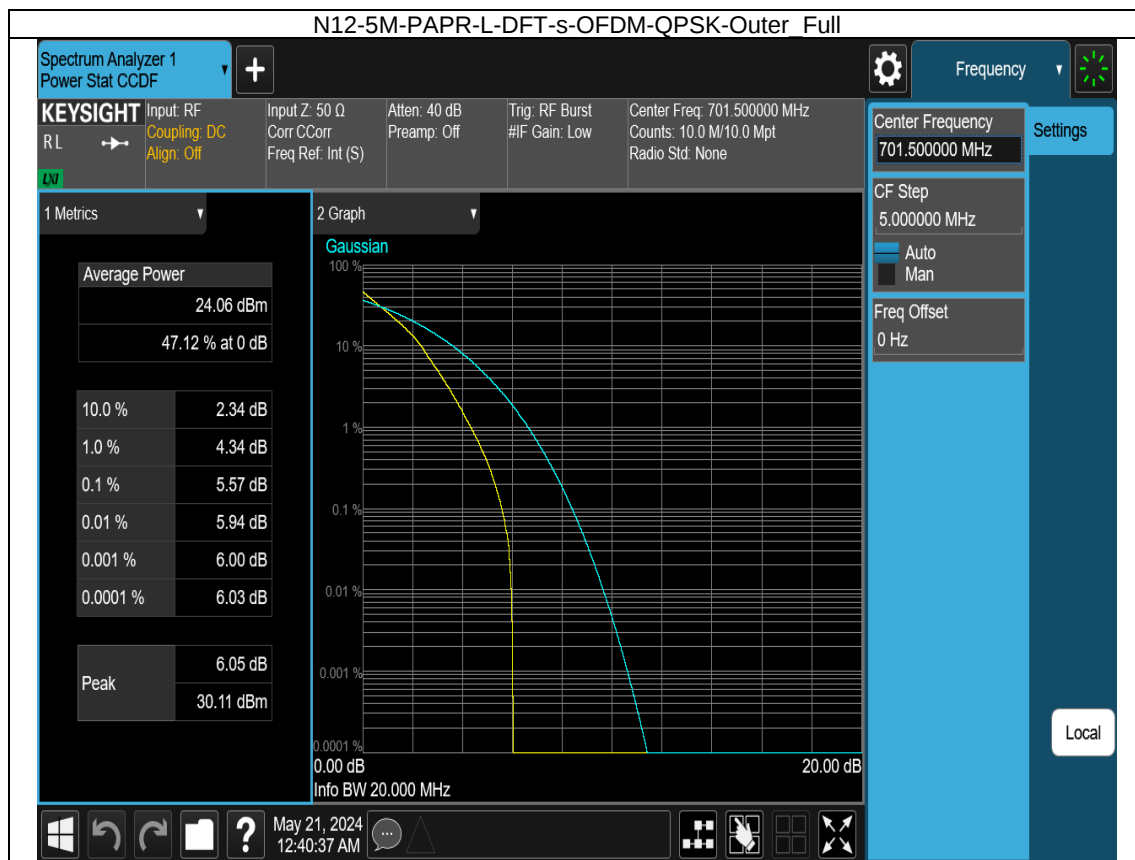
5G NR n12 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.17	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.57	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.33	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.34	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.40	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.72	<=13	Pass
CP-OFDM 16QAM		Outer_Full	6.98	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.47	<=13	Pass
CP-OFDM 256QAM		Outer_Full	7.85	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.09	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.41	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.15	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.34	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.56	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.59	<=13	Pass
CP-OFDM 16QAM		Outer_Full	6.83	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.29	<=13	Pass
CP-OFDM 256QAM		Outer_Full	7.85	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	3.86	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.41	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.30	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.31	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.75	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.69	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.74	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.26	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.14	<=13	Pass

5G NR n12 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.15	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.57	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.29	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.61	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.76	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.69	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.72	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.25	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.35	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.08	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.47	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.25	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.58	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.56	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.74	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.66	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.24	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.08	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.01	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.48	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.23	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.58	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.60	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.78	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.68	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.34	<=13	Pass
CP-OFDM 256QAM		Outer_Full	7.96	<=13	Pass

5G NR n12 SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.06	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.53	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.24	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.48	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.39	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.73	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.80	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.33	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.17	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.03	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.51	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.23	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.46	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.40	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.71	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.81	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.30	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.07	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.02	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.50	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.23	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.45	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.39	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.74	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.82	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.32	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.32	<=13	Pass

Test Graph



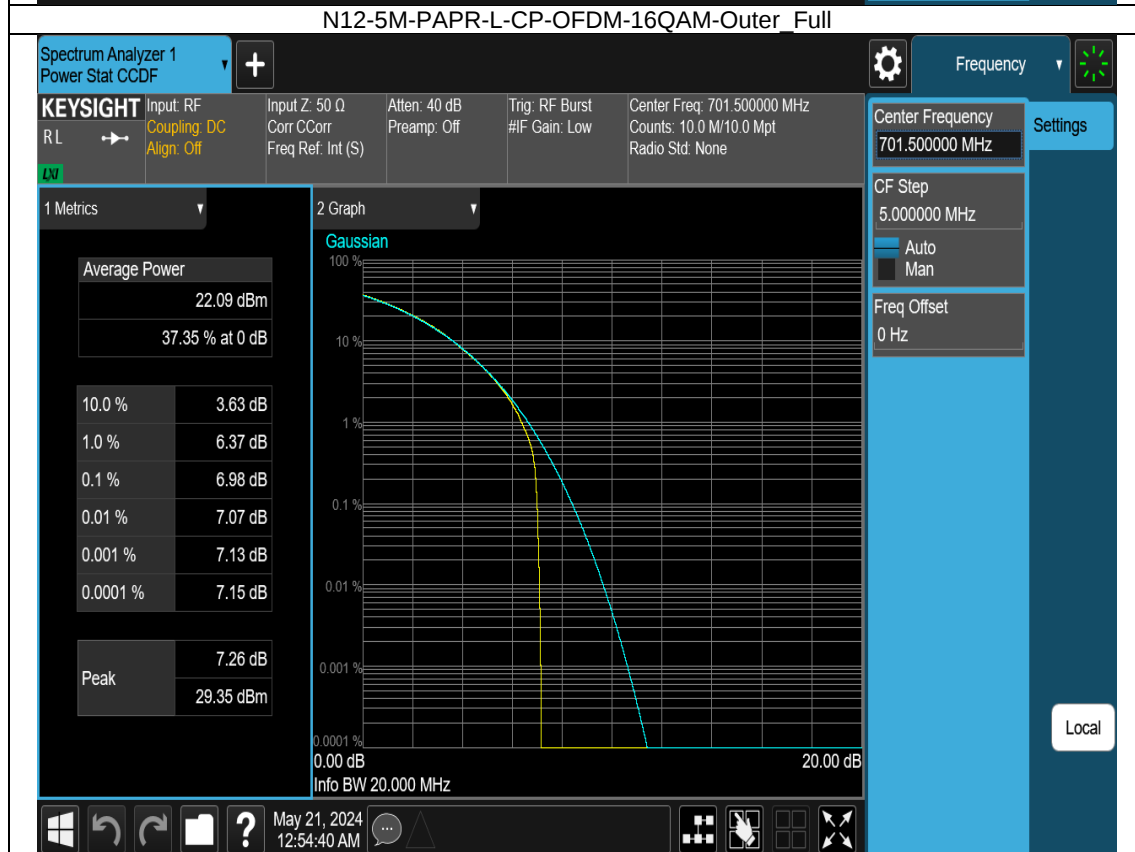
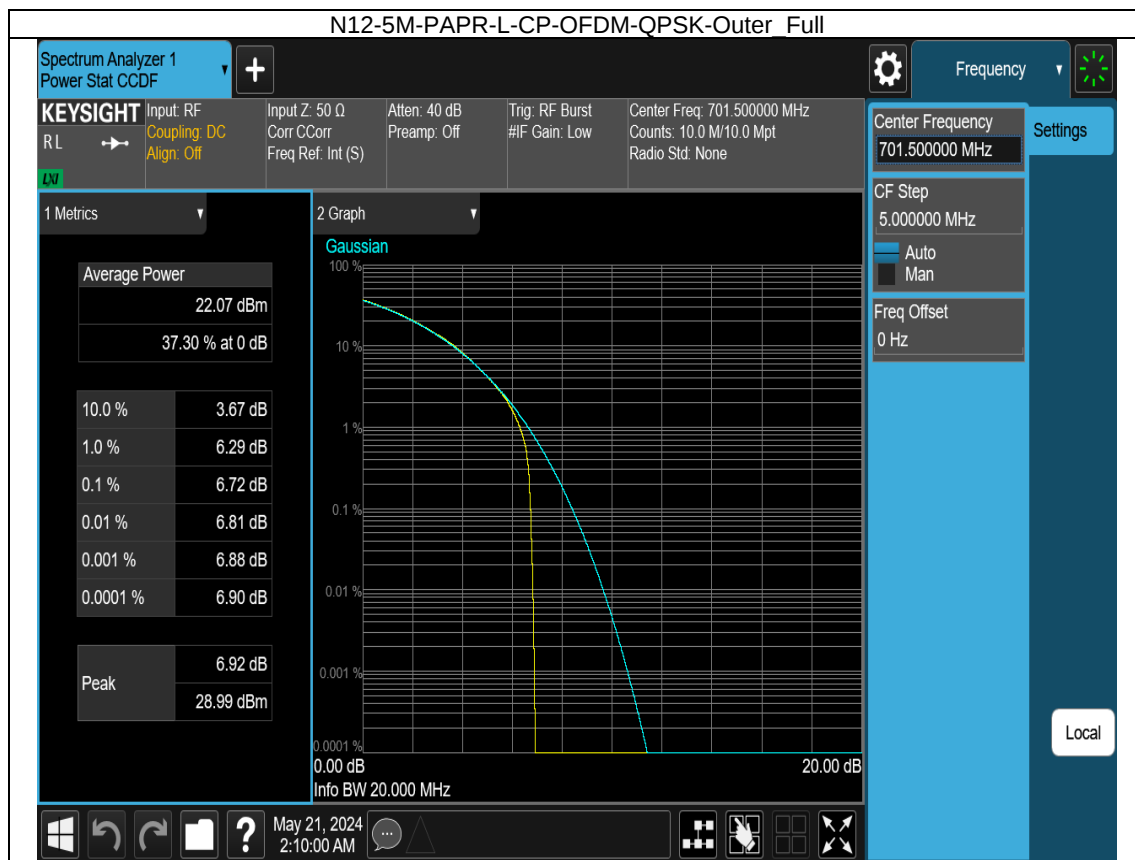


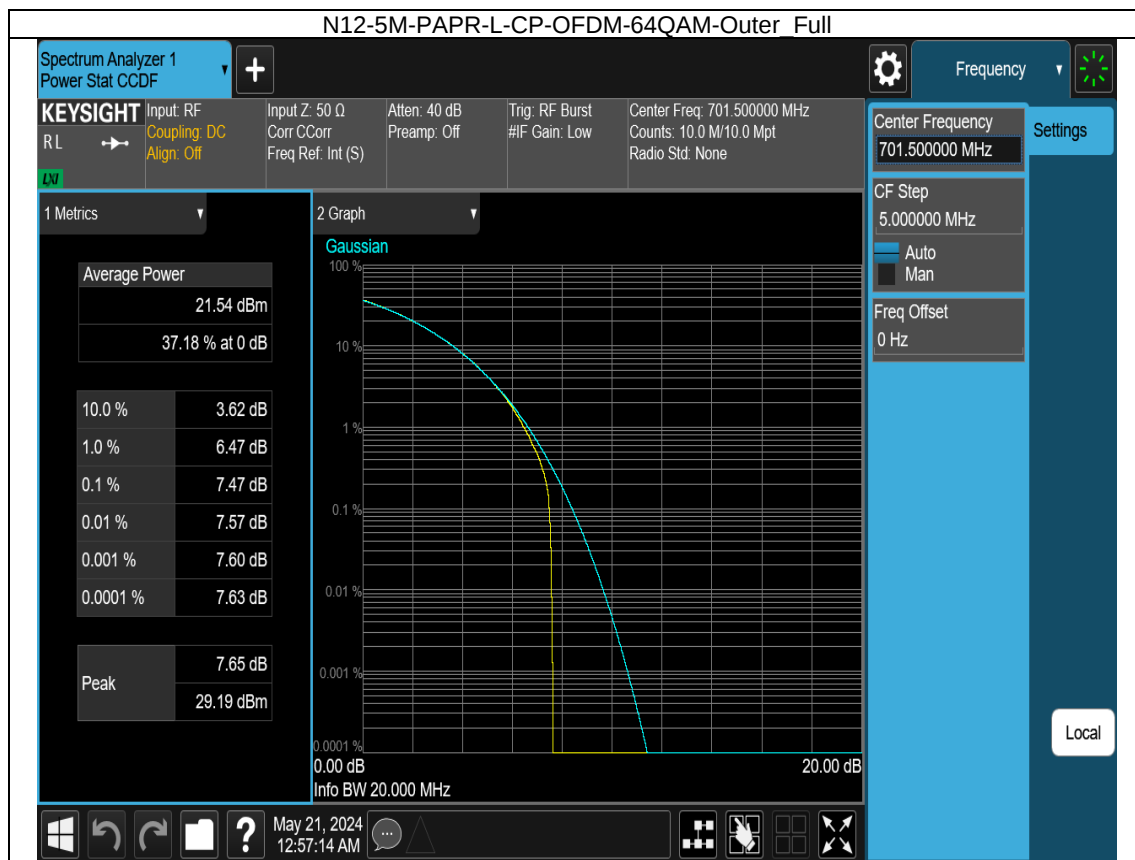
N12-5M-PAPR-L-DFT-s-OFDM-64QAM-Outer Full

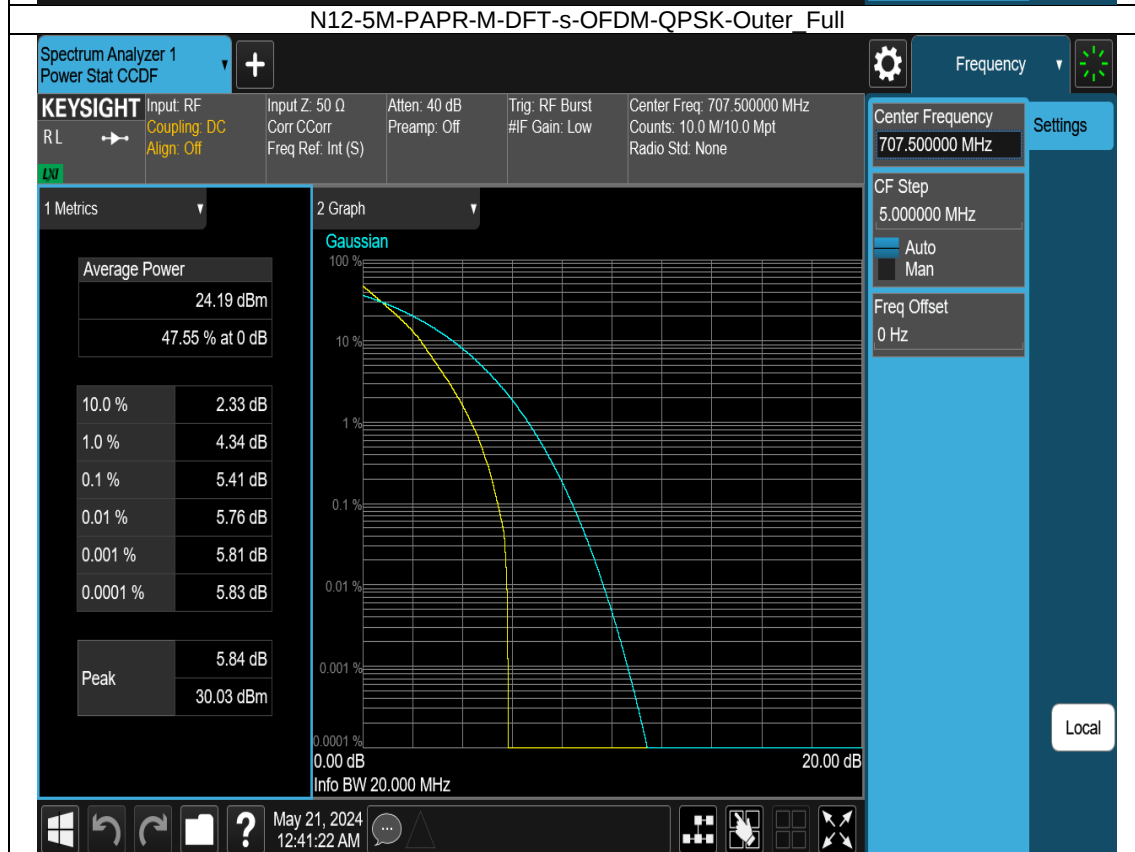
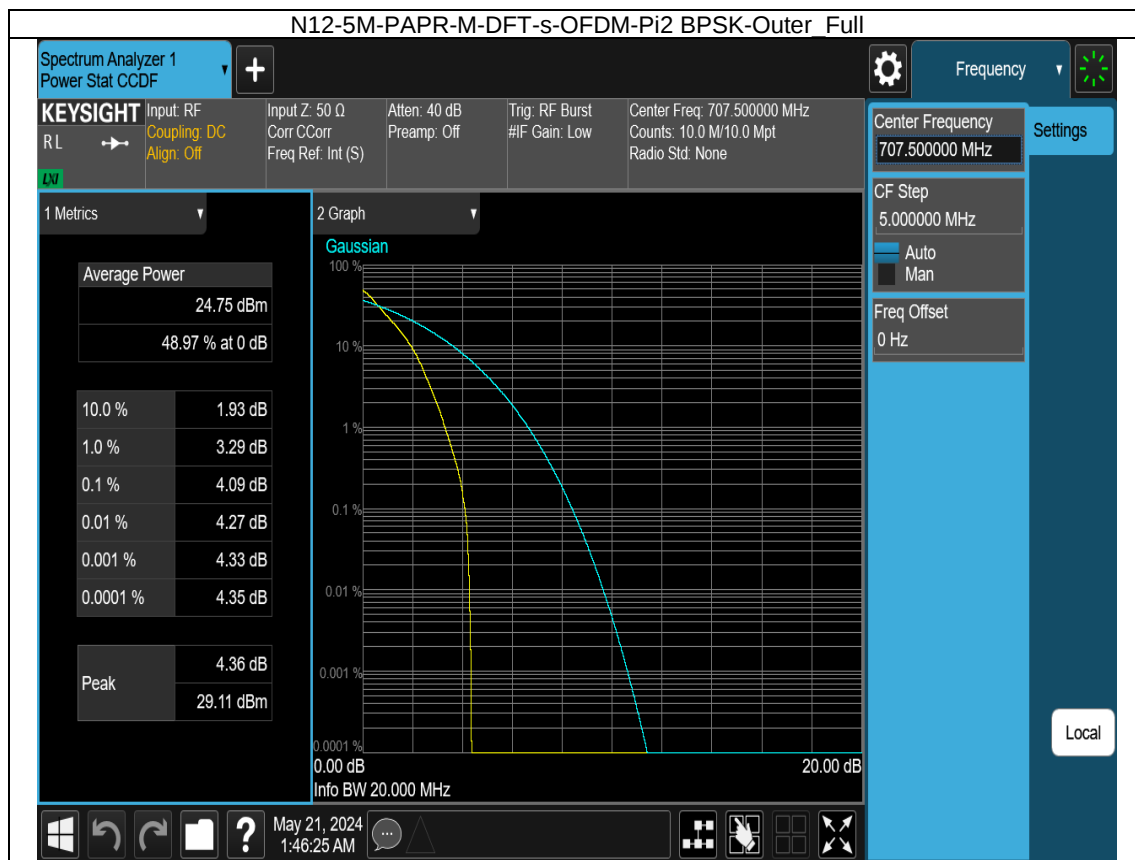


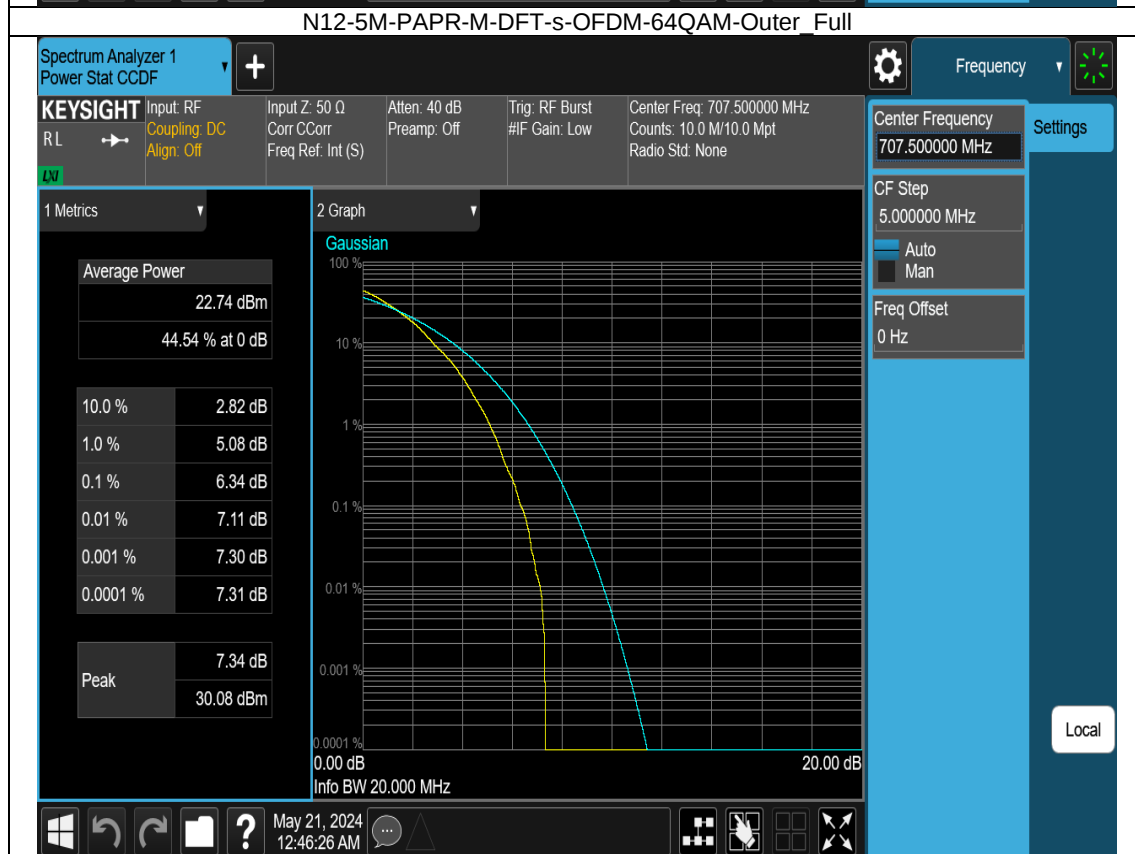
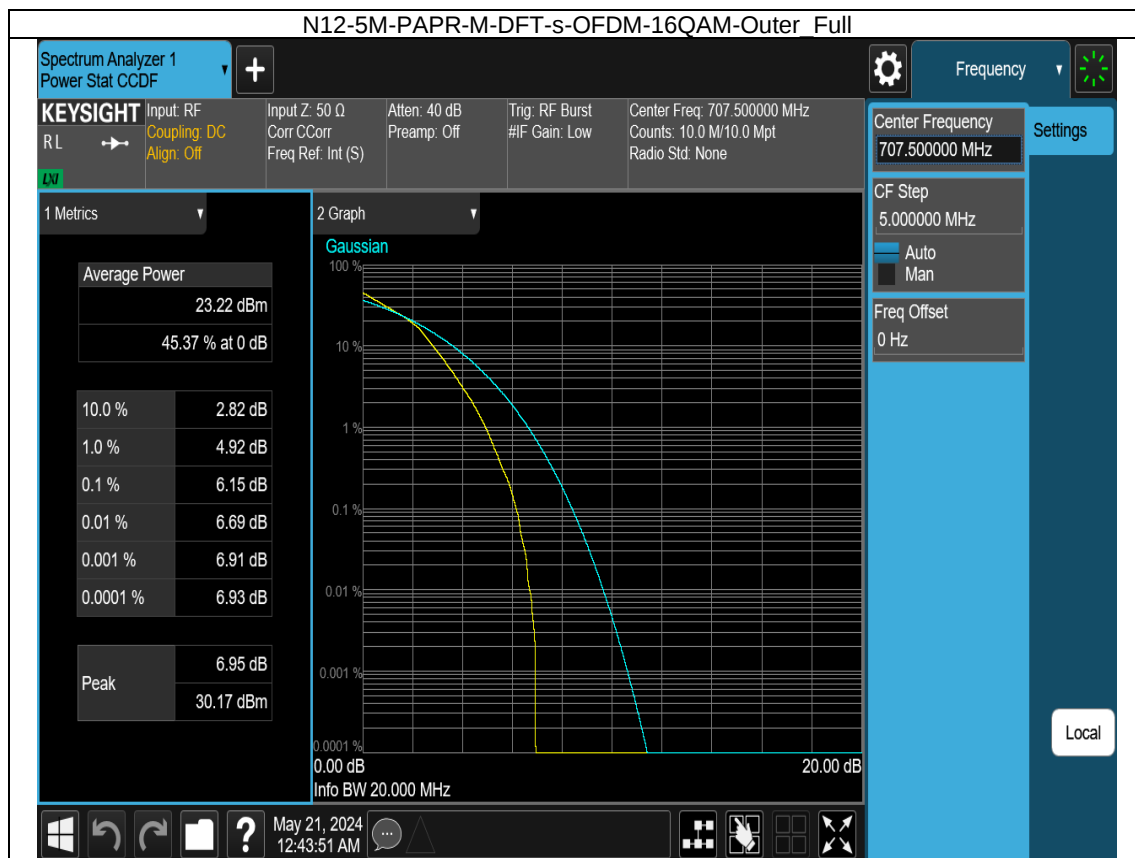
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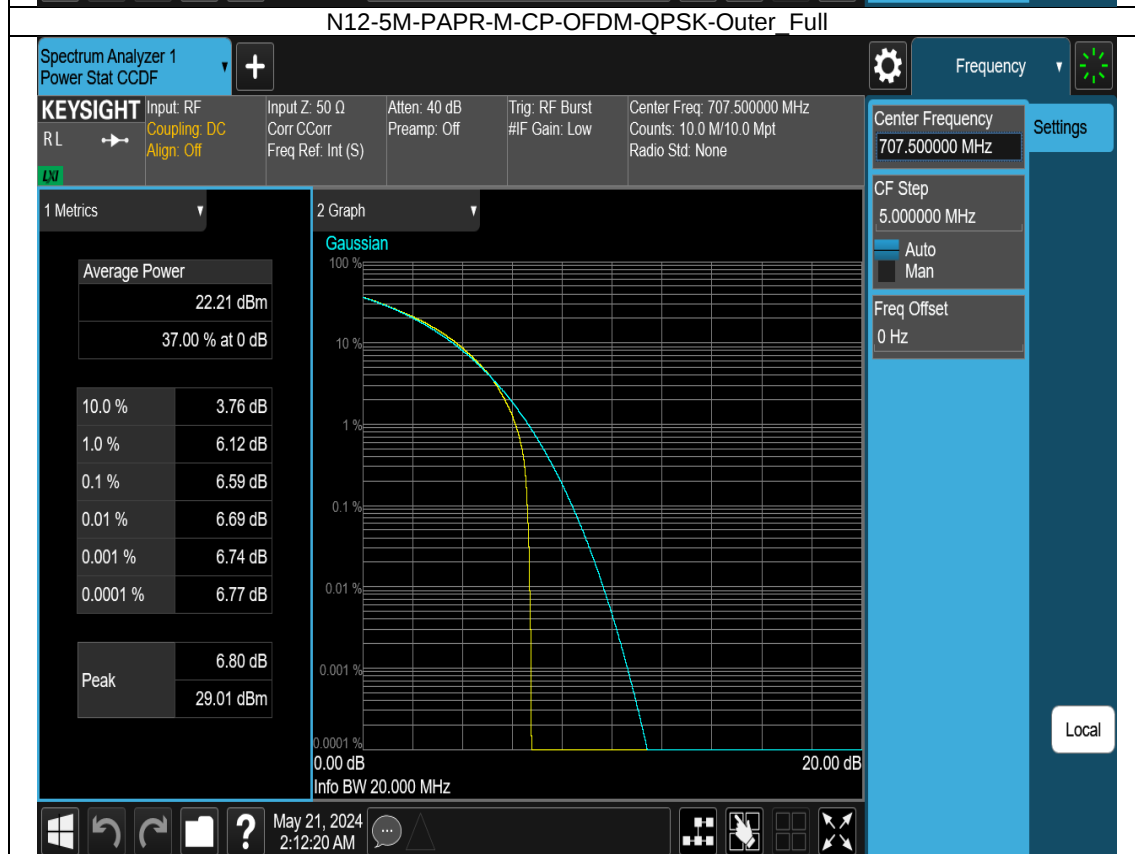
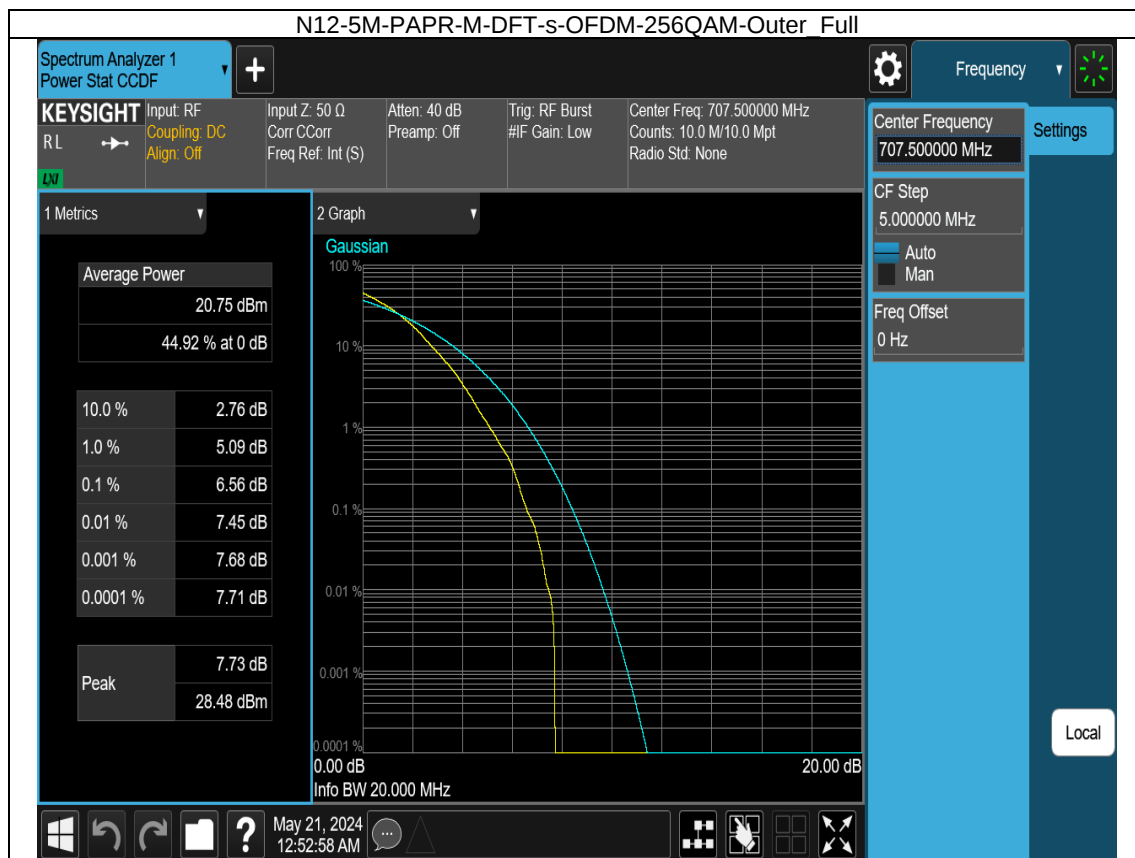


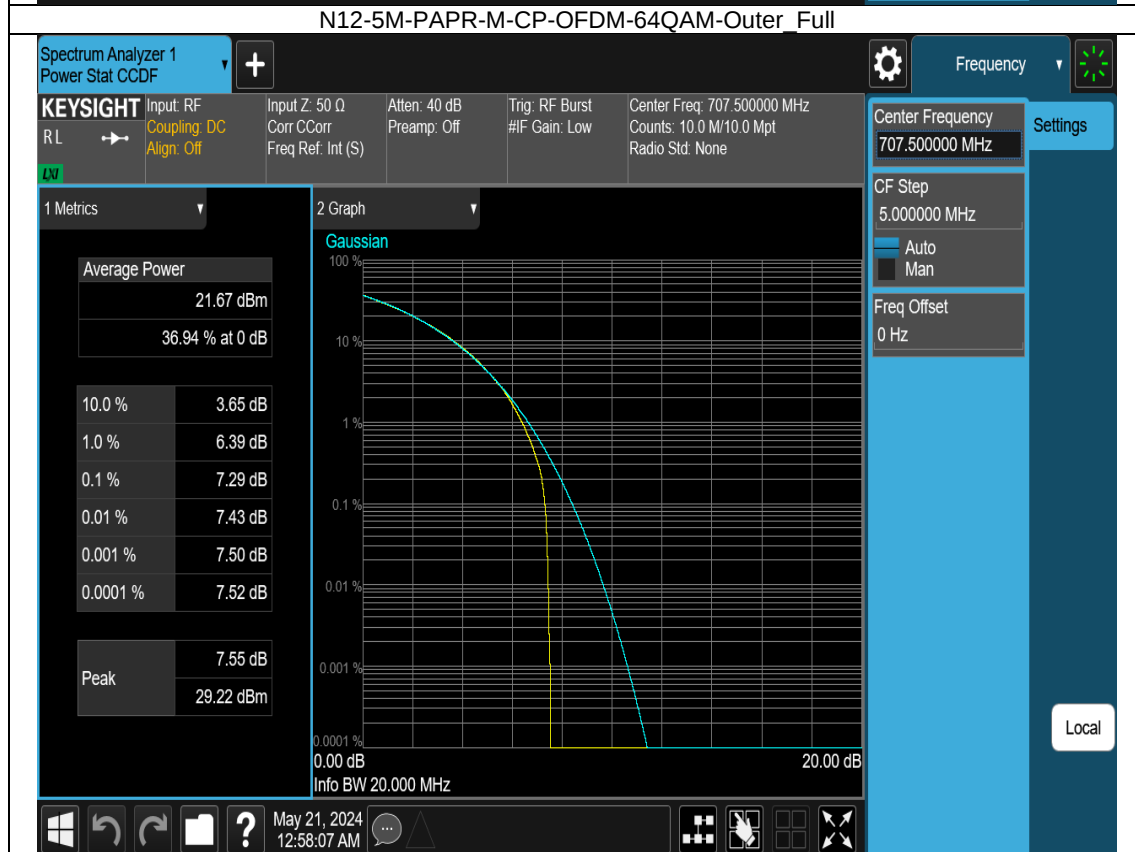
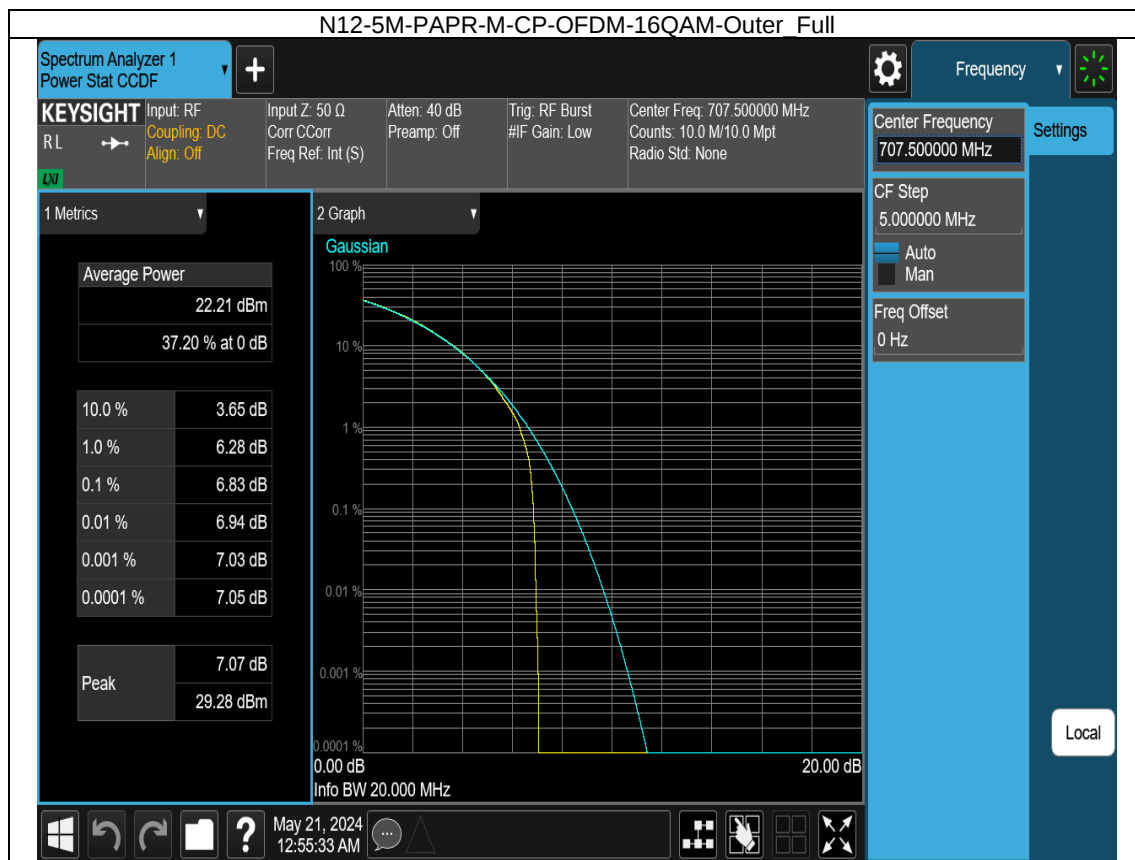


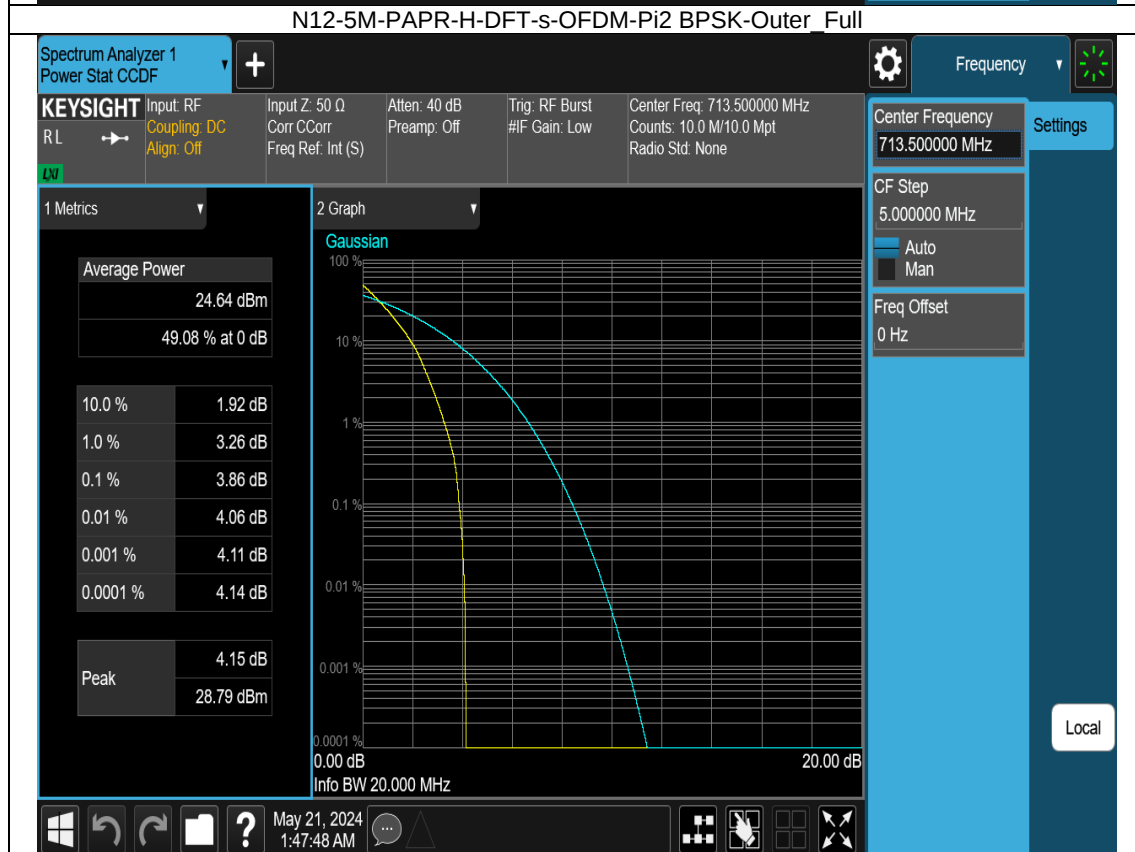


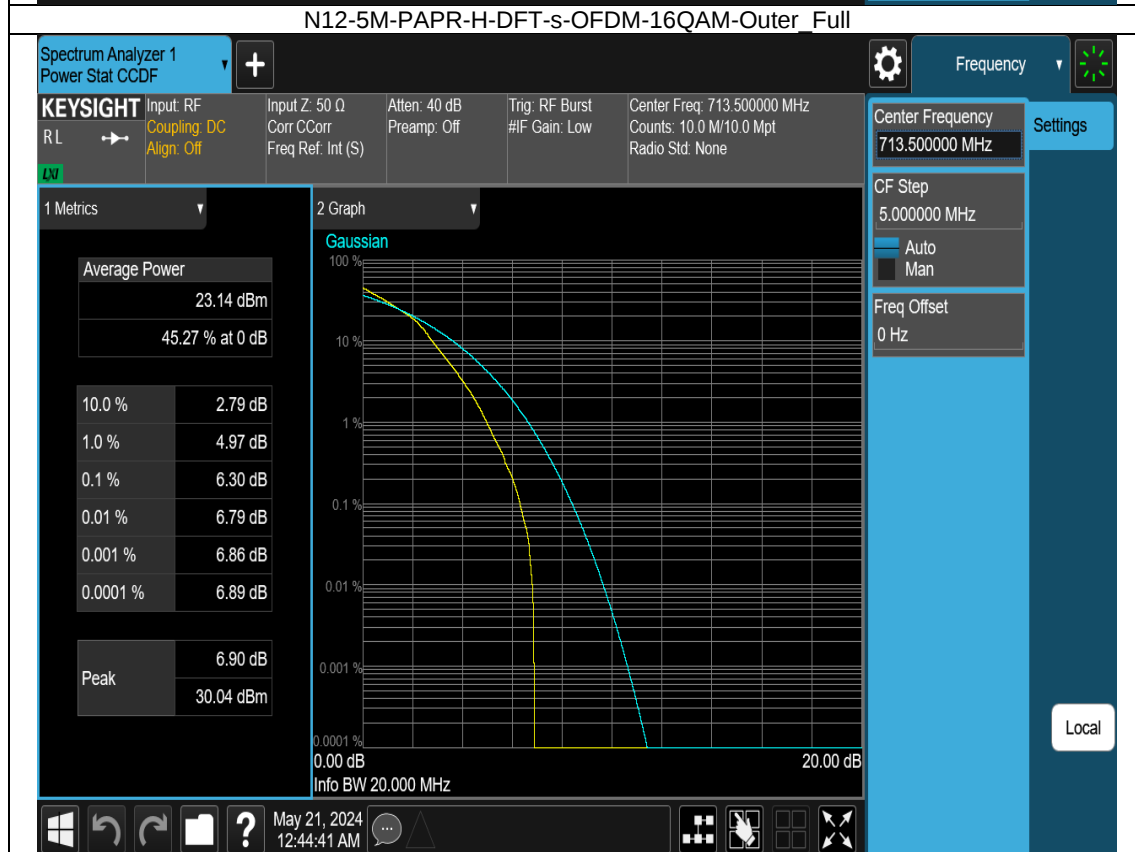
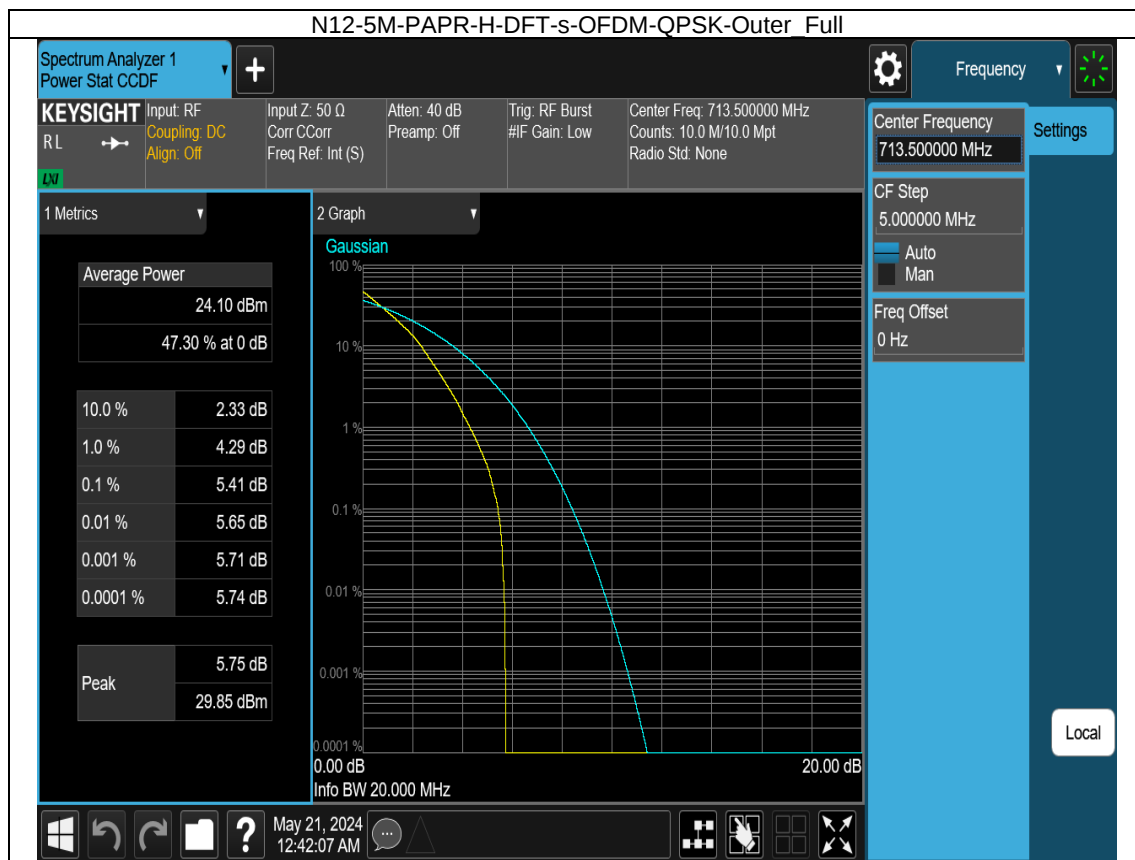


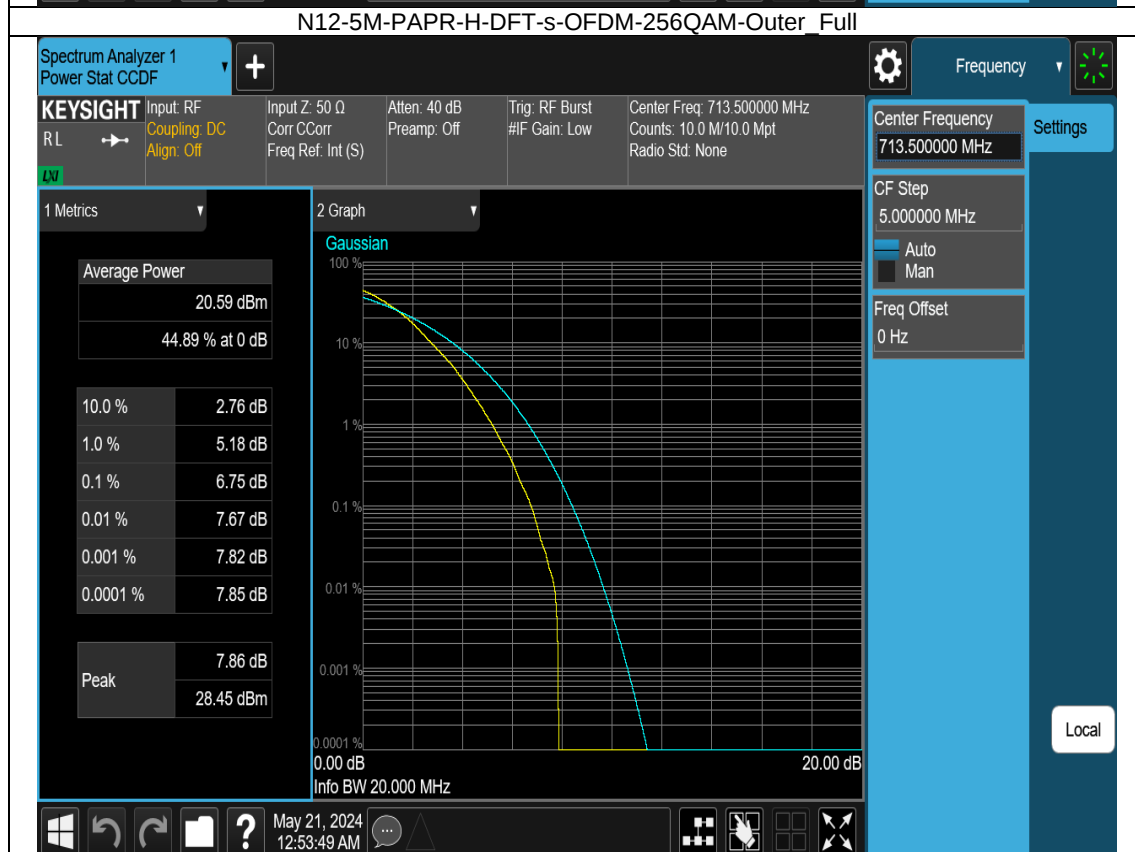
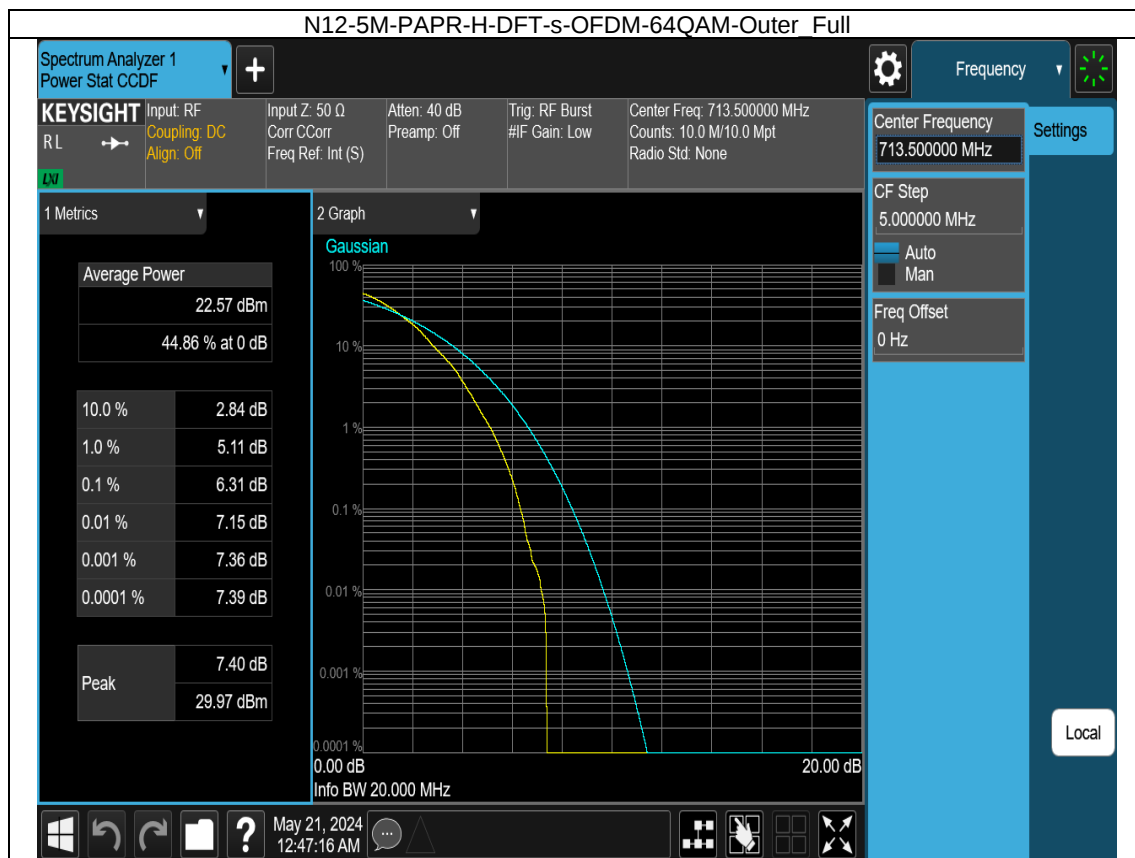


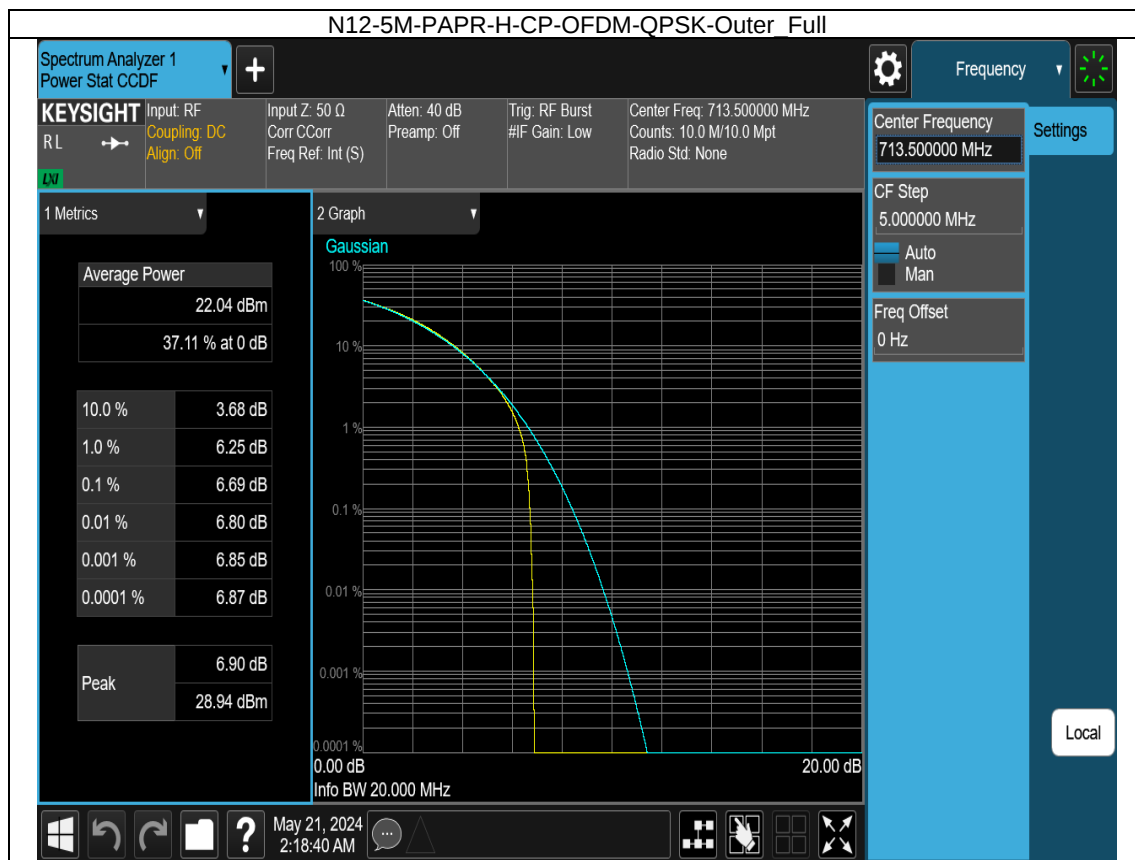


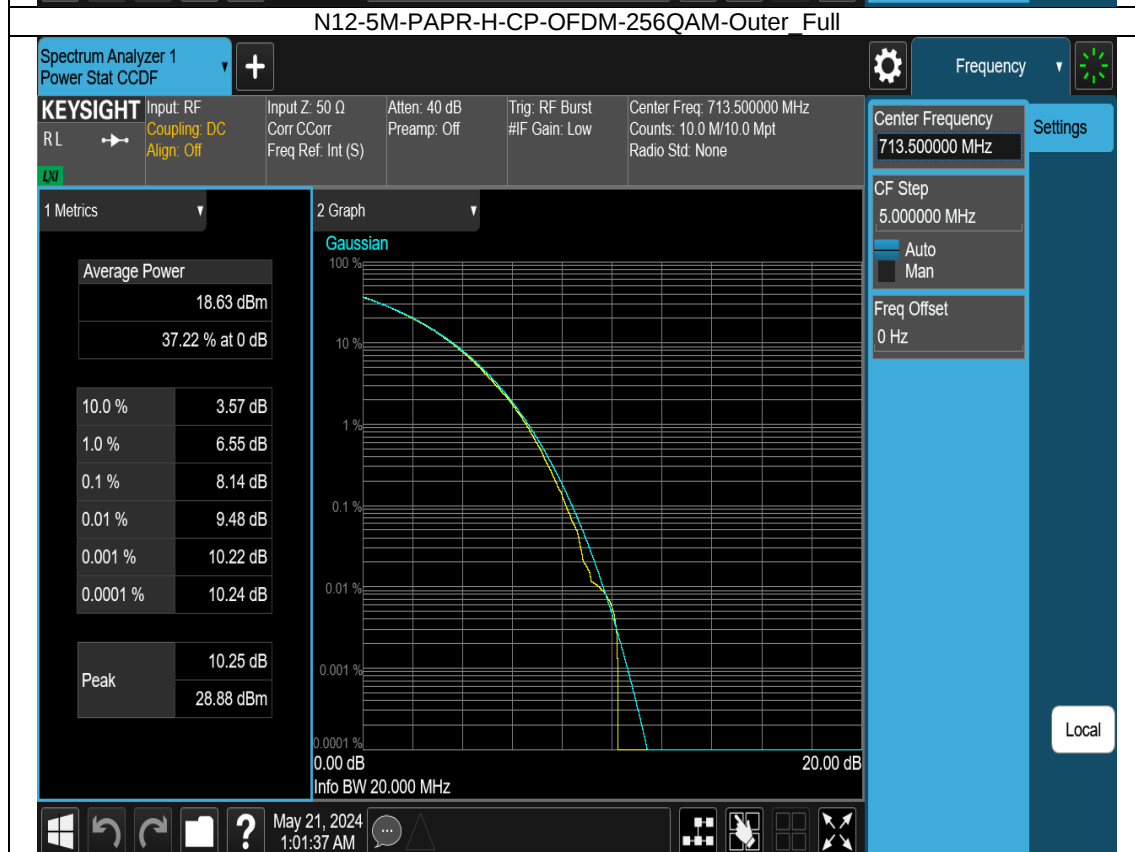
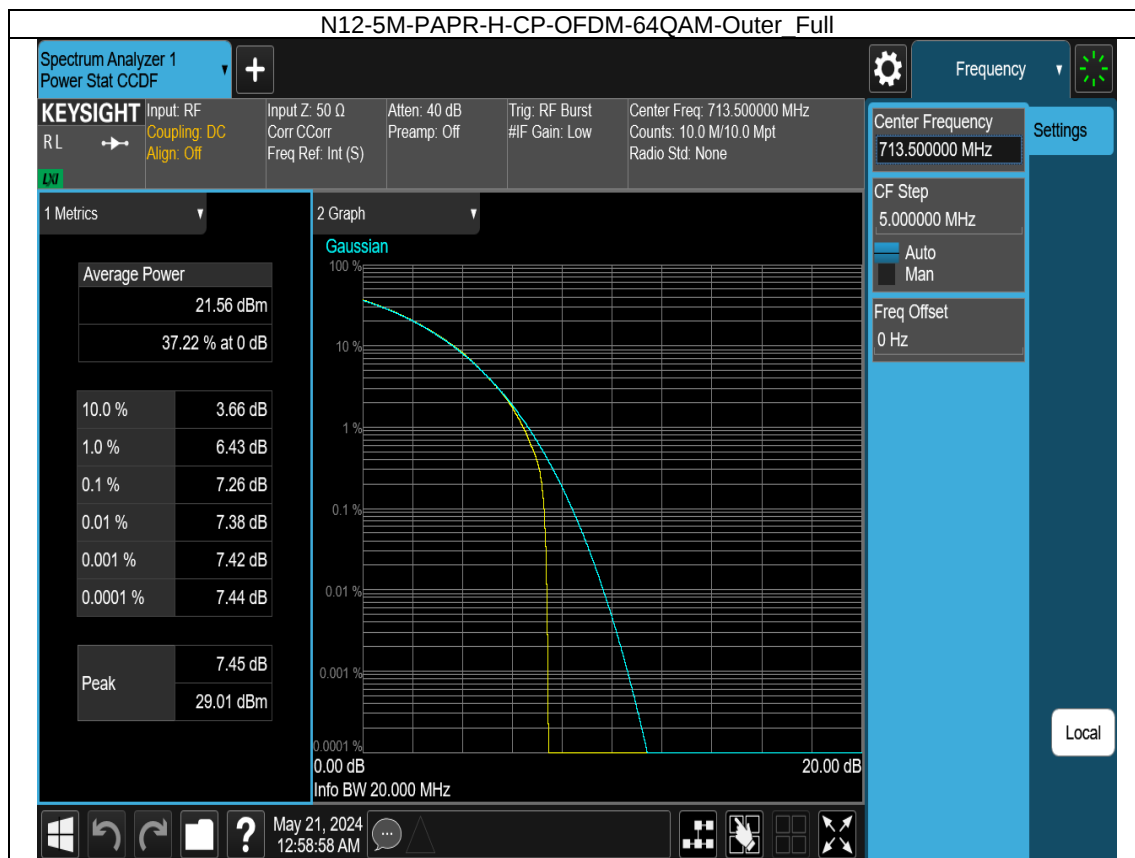


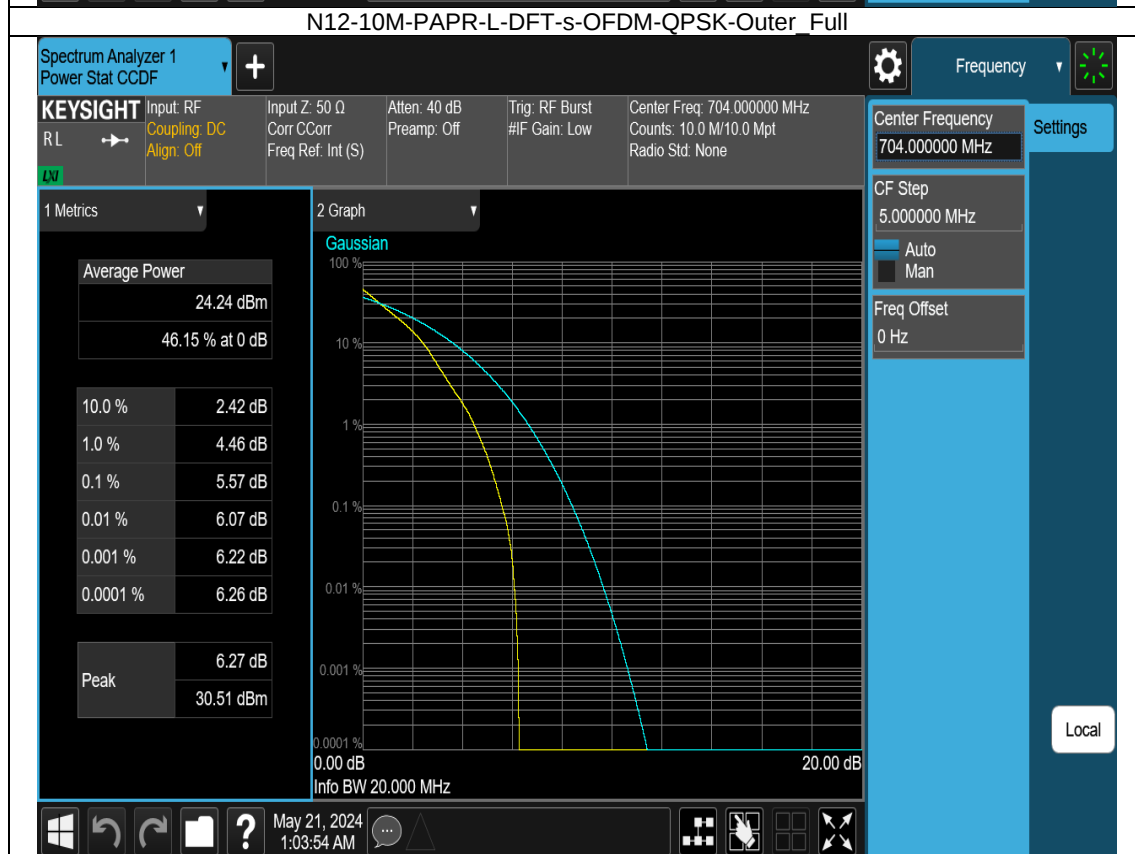
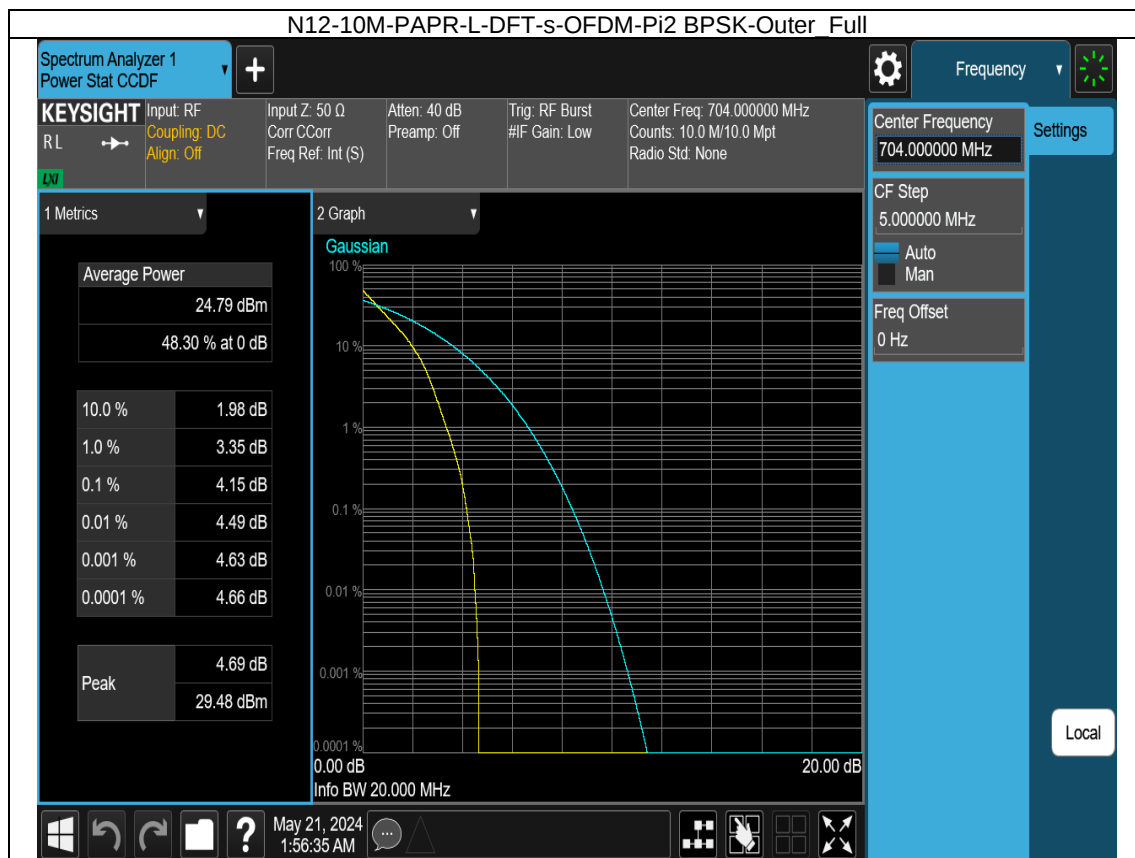


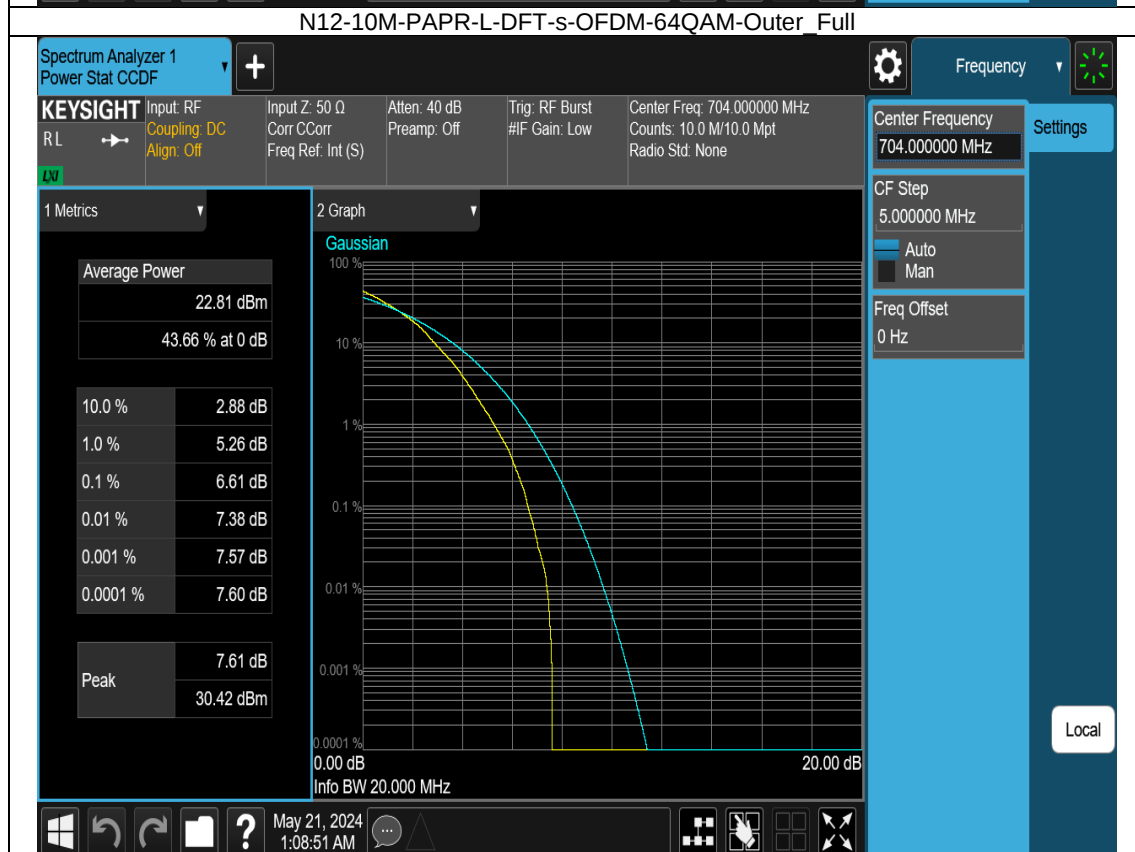
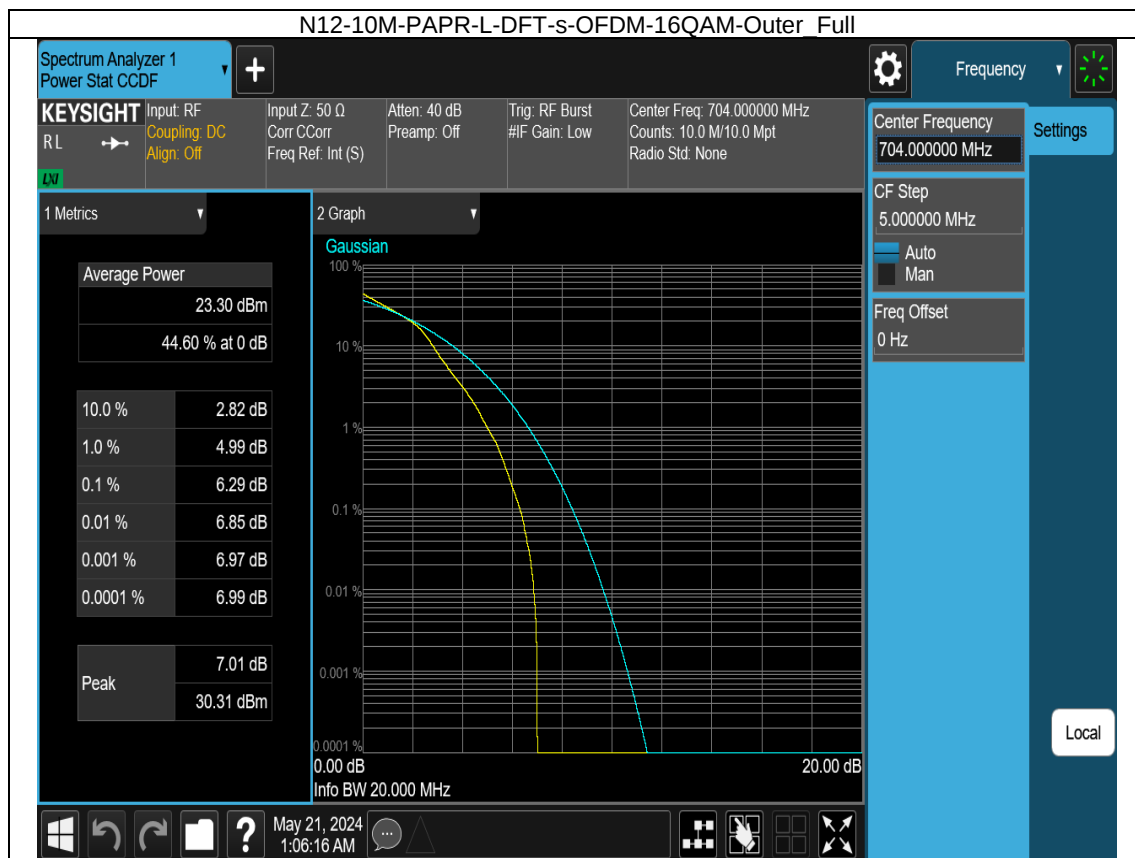


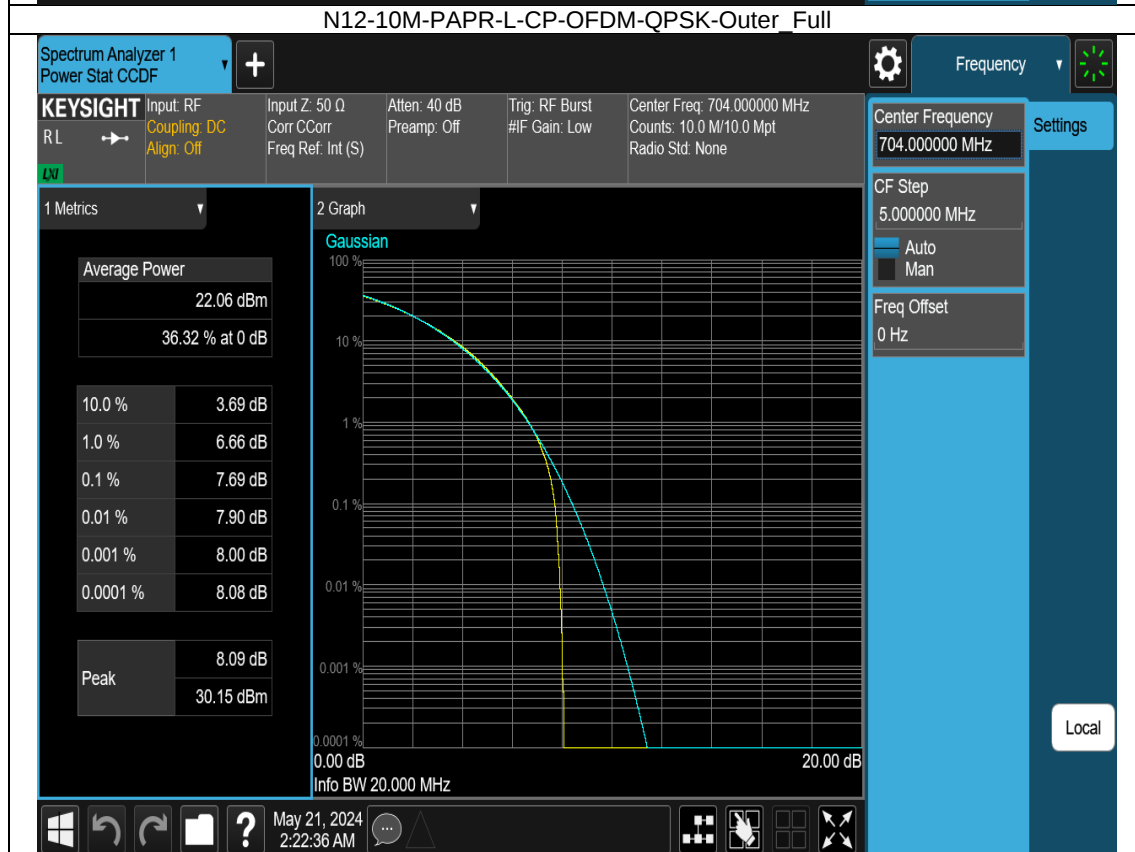
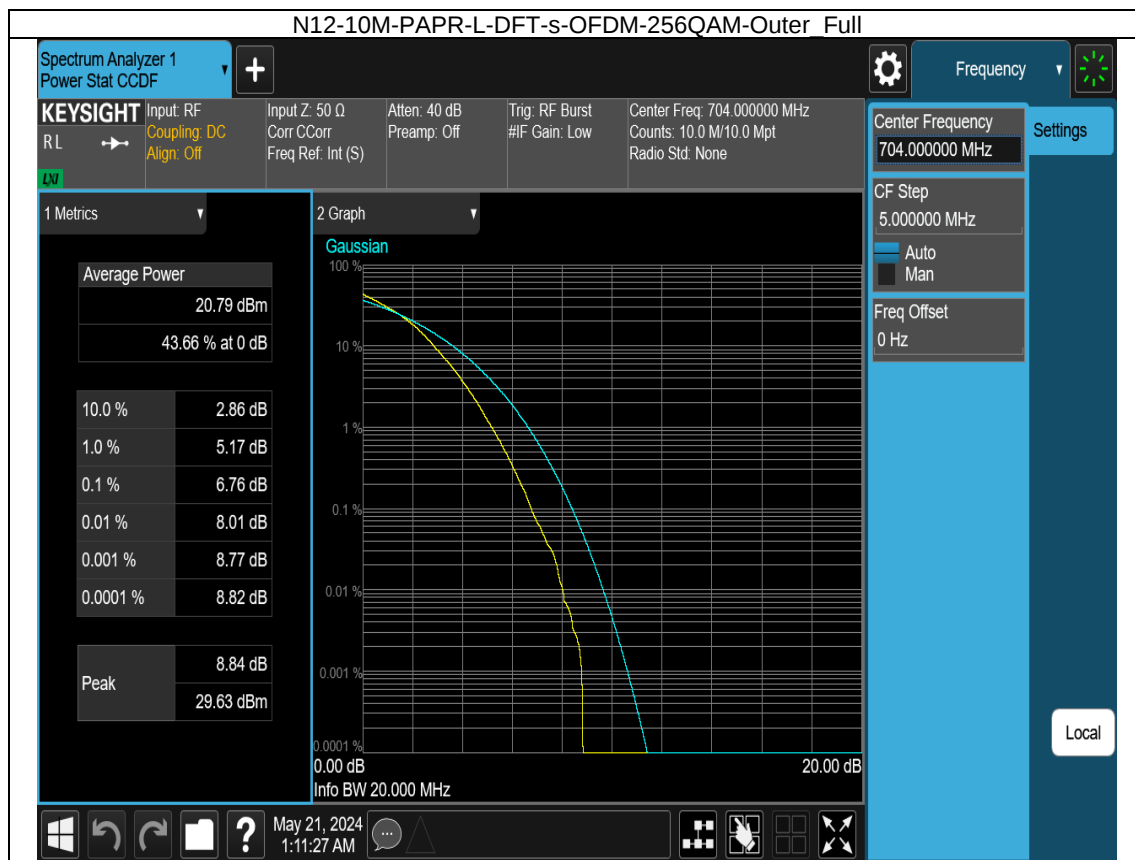


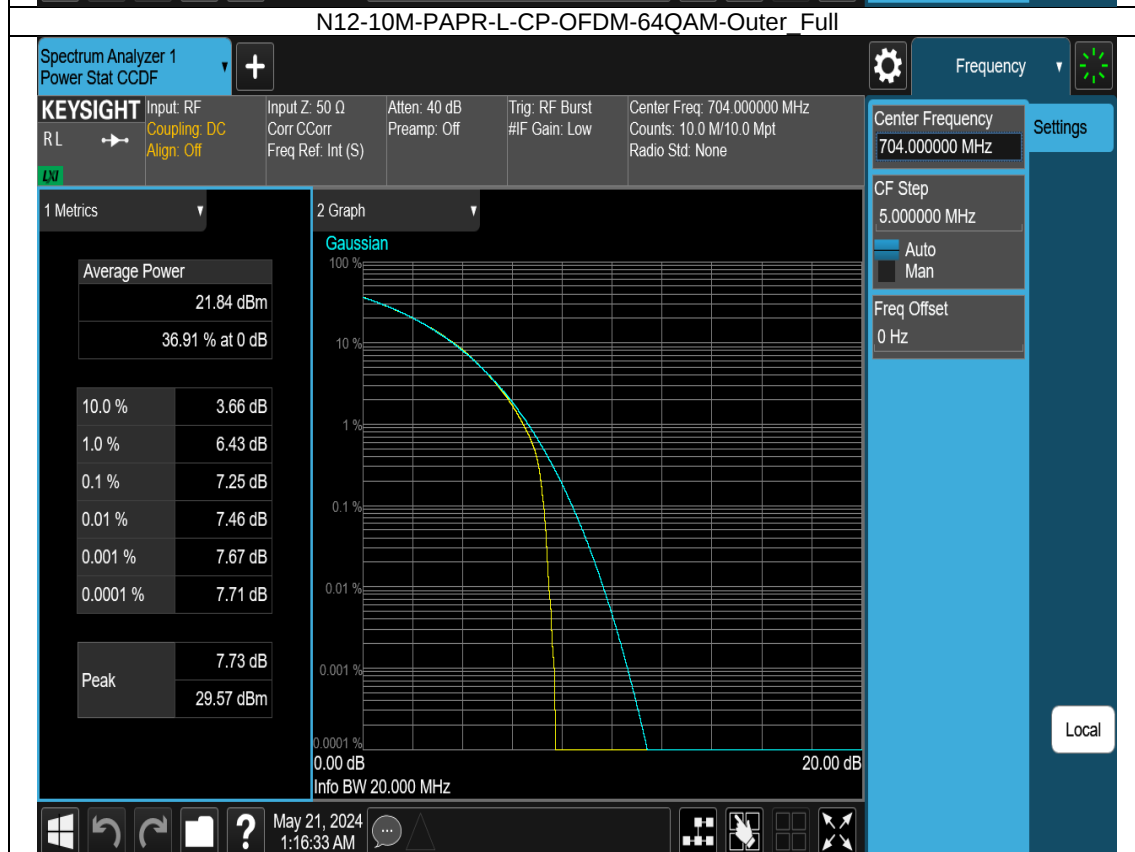


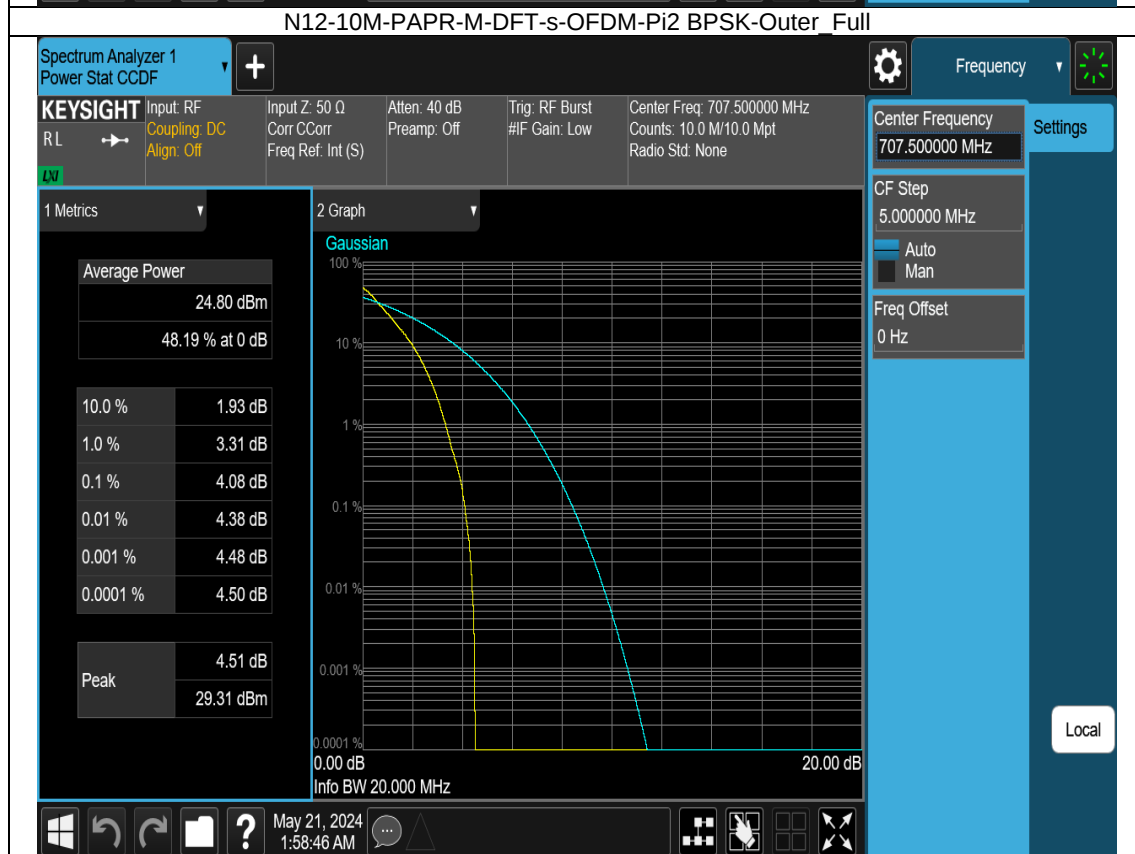










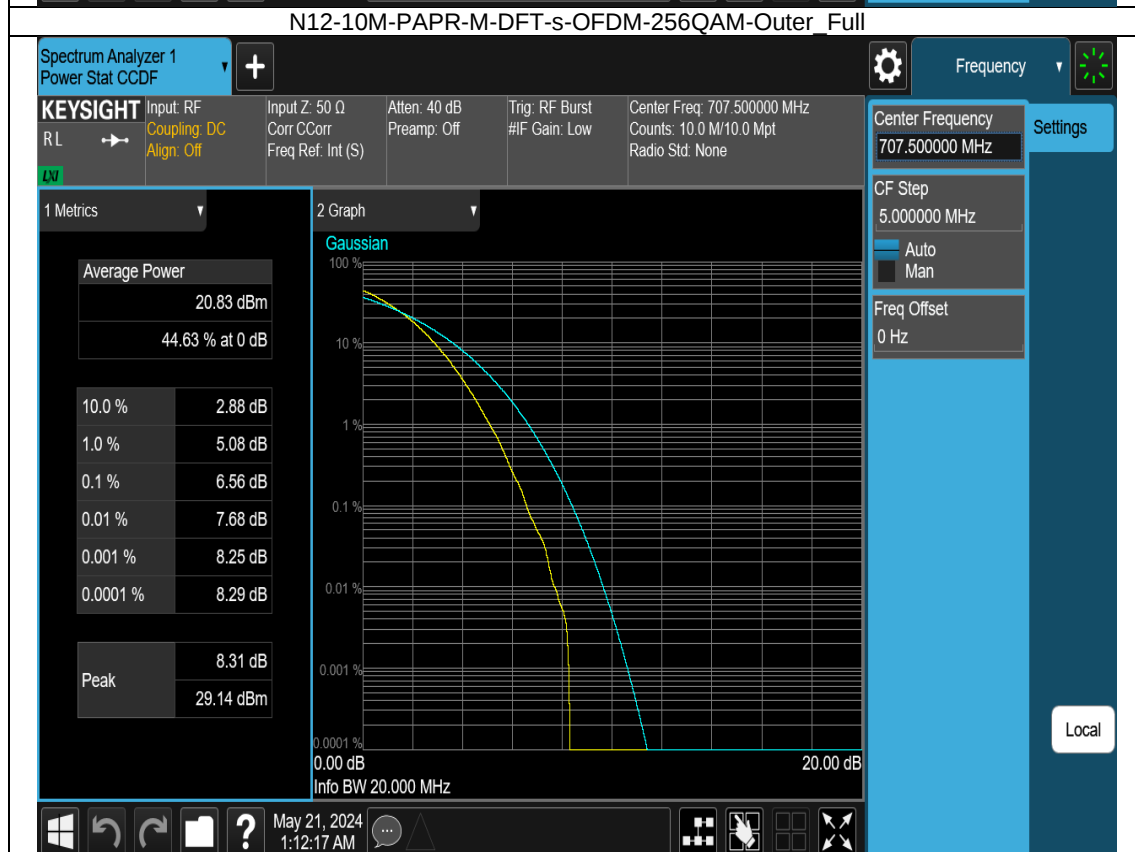
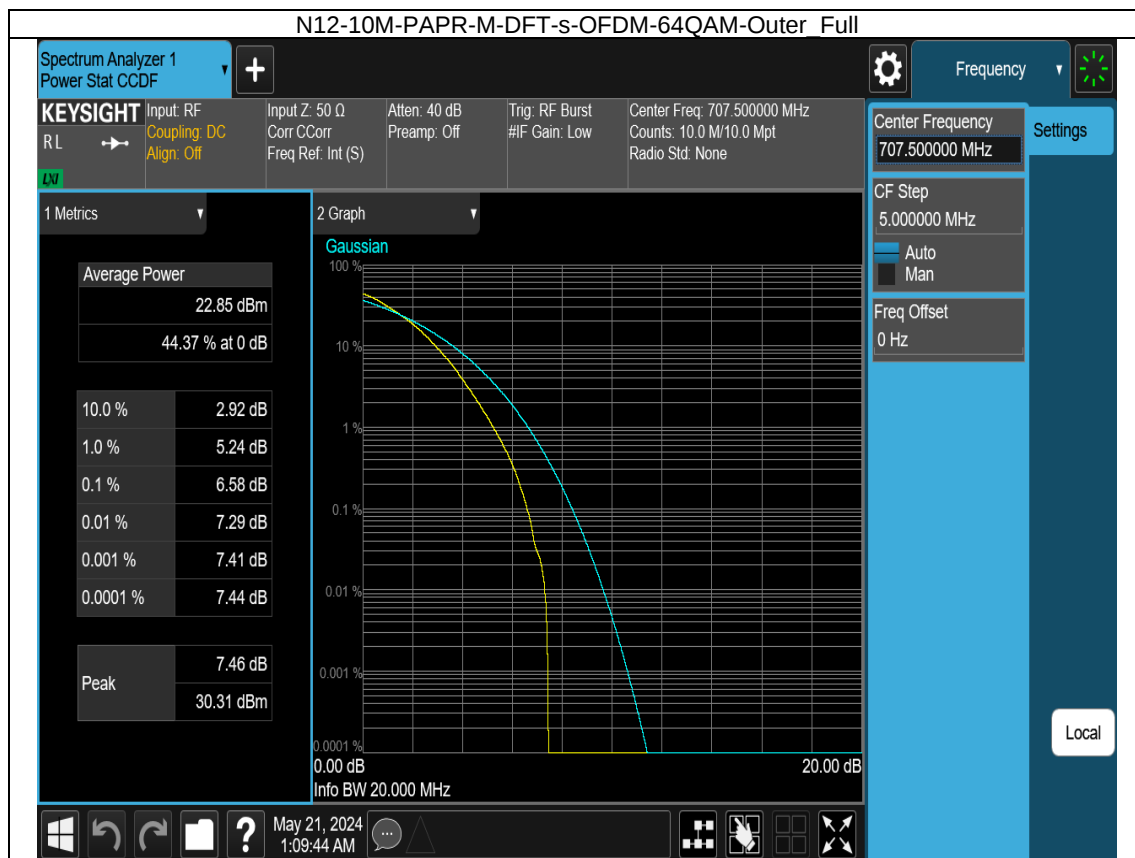


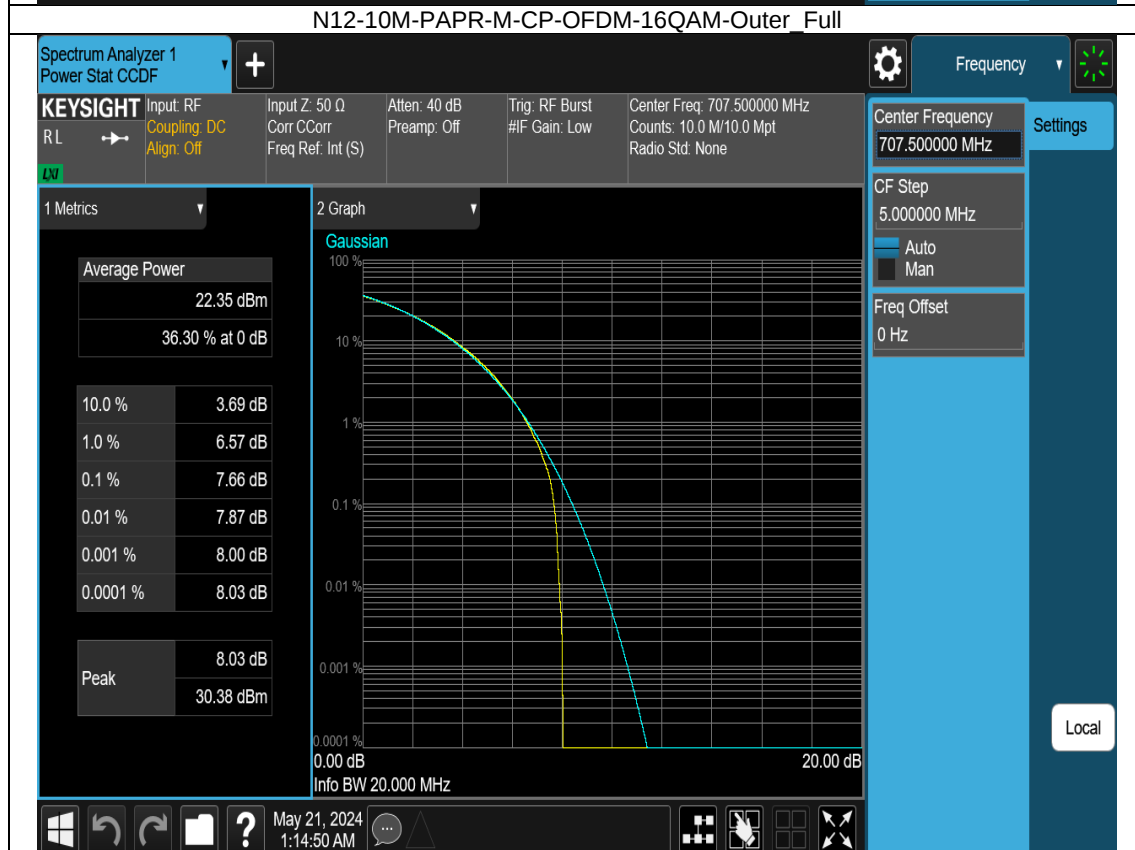
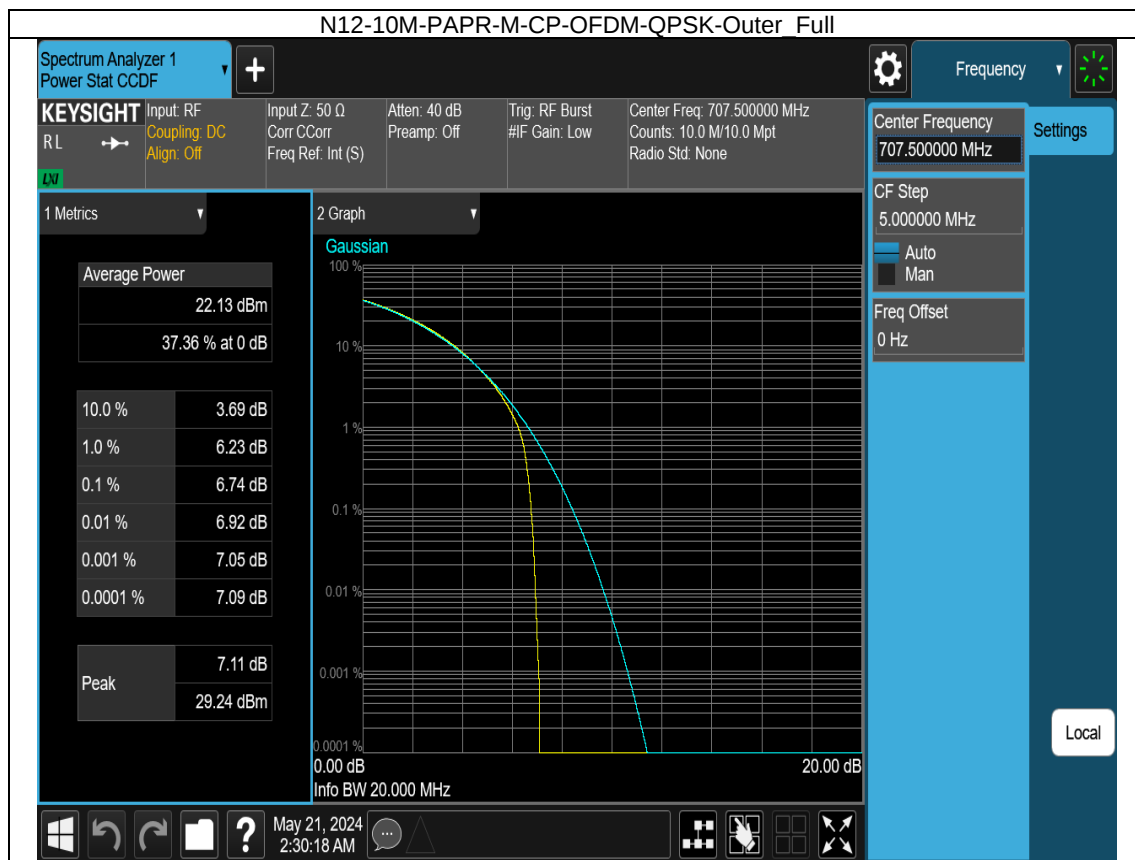
N12-10M-PAPR-M-DFT-s-OFDM-QPSK-Outer Full

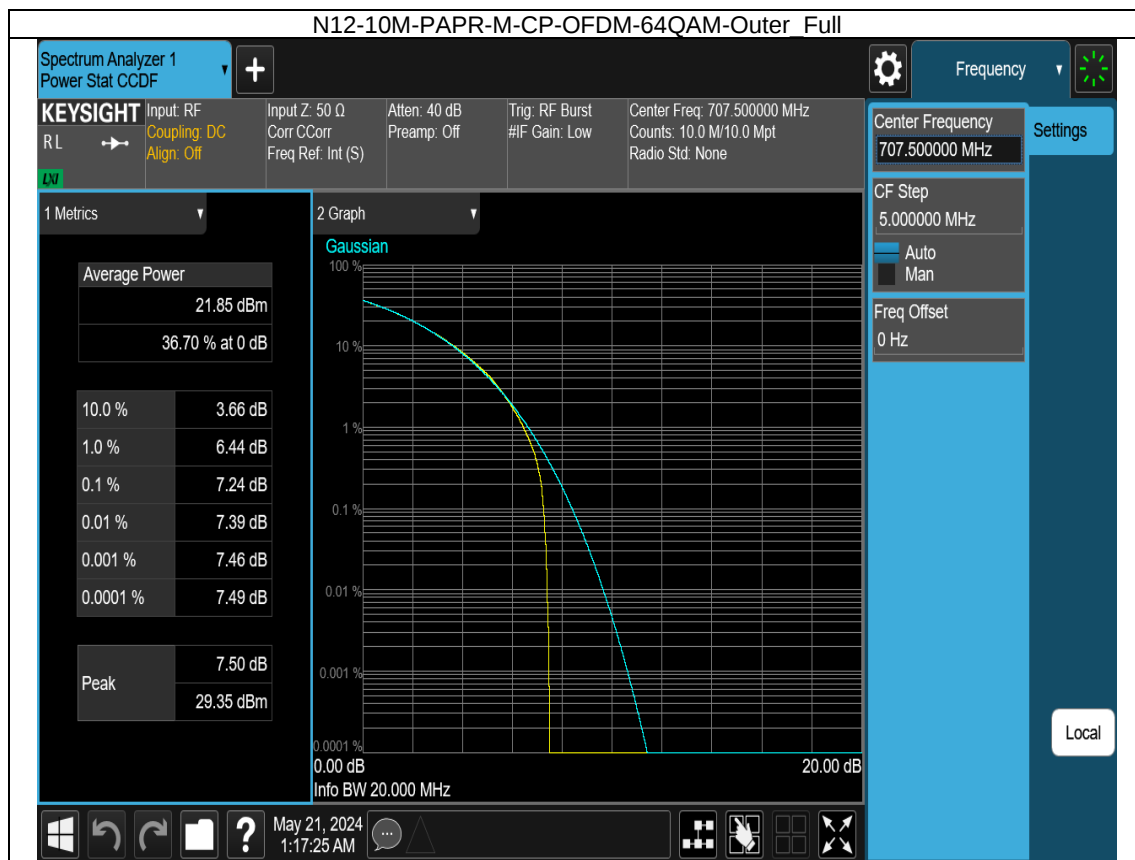


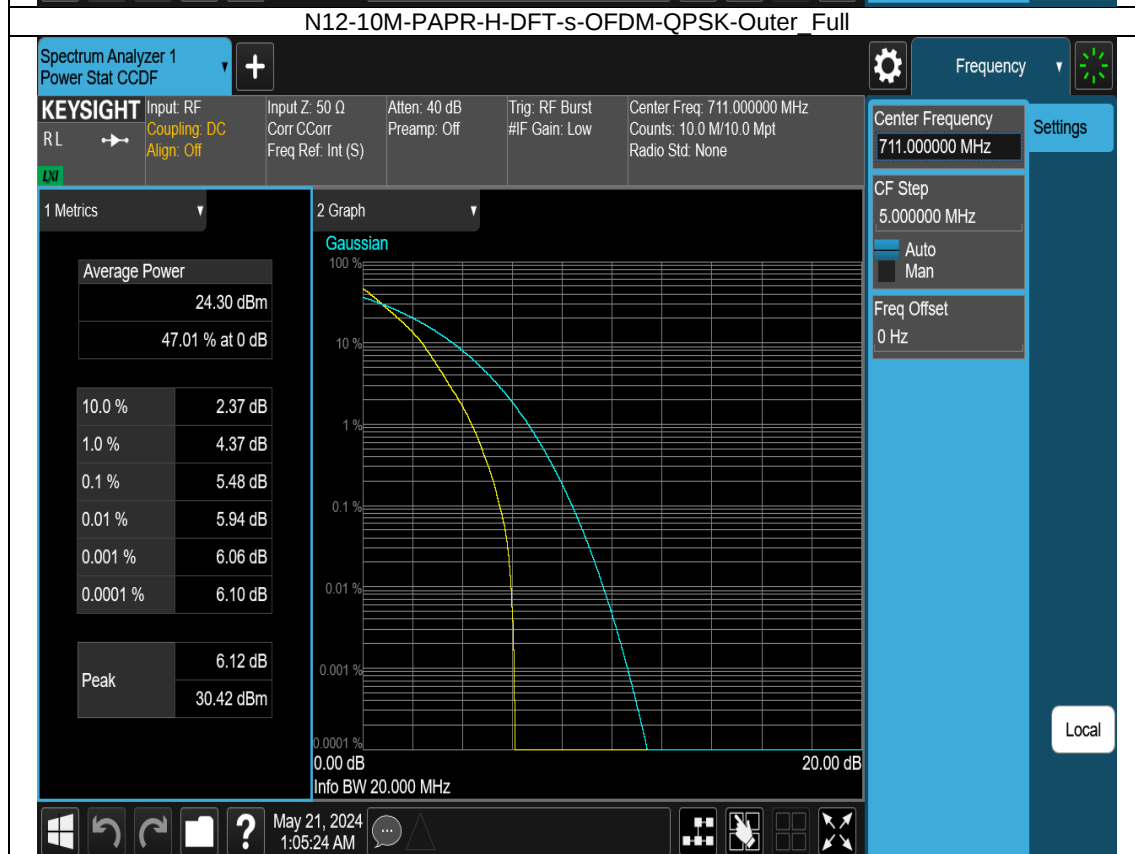
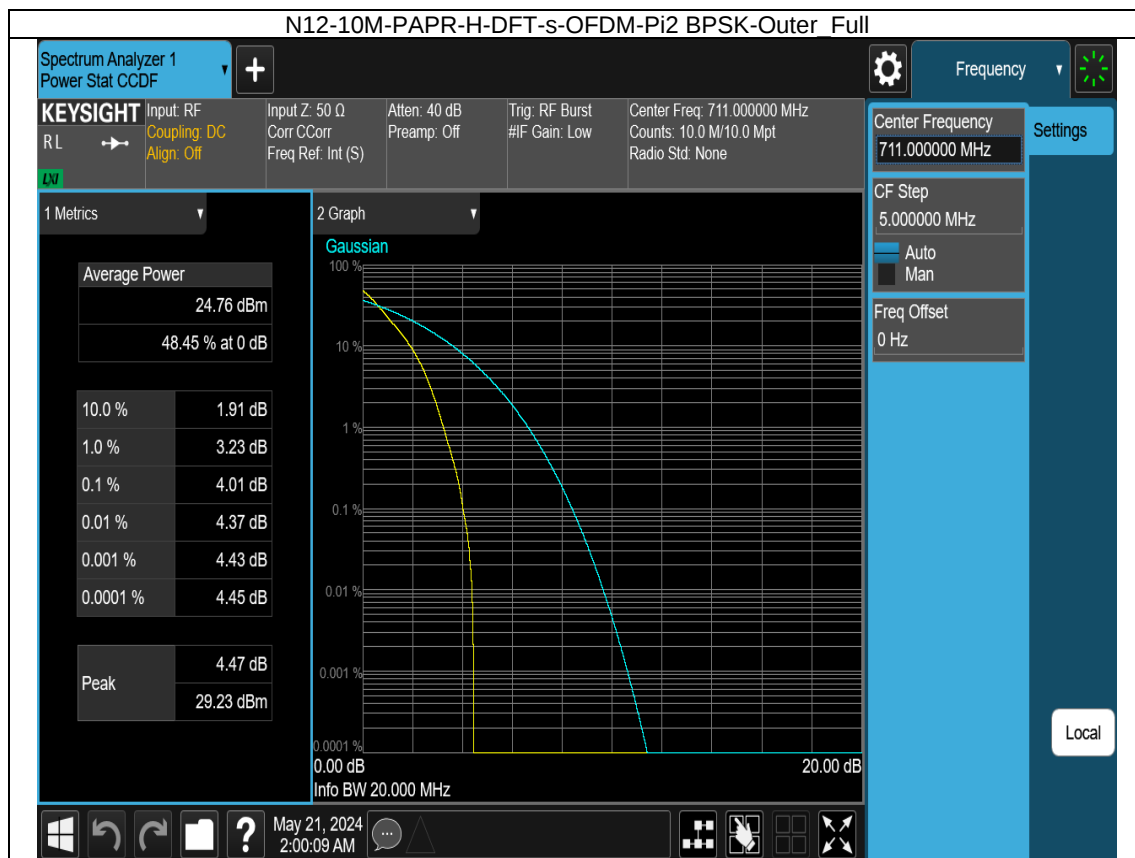
N12-10M-PAPR-M-DFT-s-OFDM-16QAM-Outer Full











N12-10M-PAPR-H-DFT-s-OFDM-16QAM-Outer Full



N12-10M-PAPR-H-DFT-s-OFDM-64QAM-Outer Full

