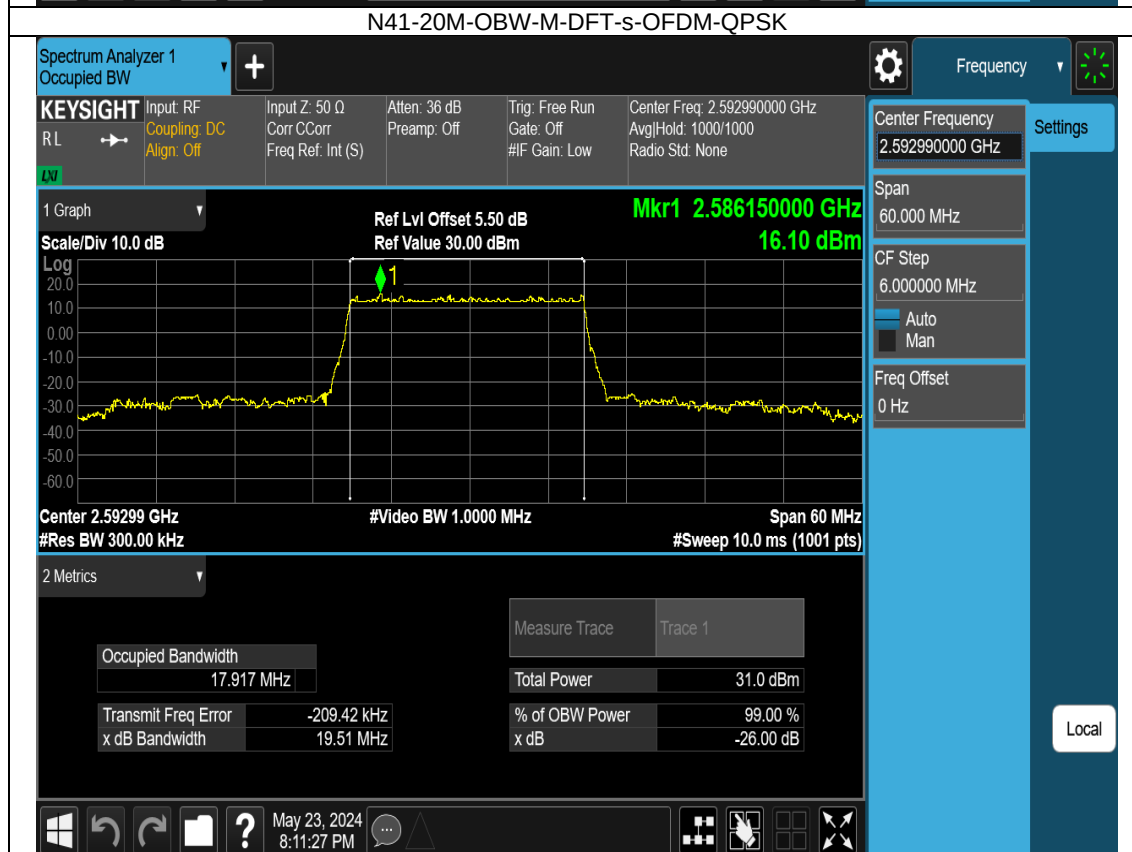
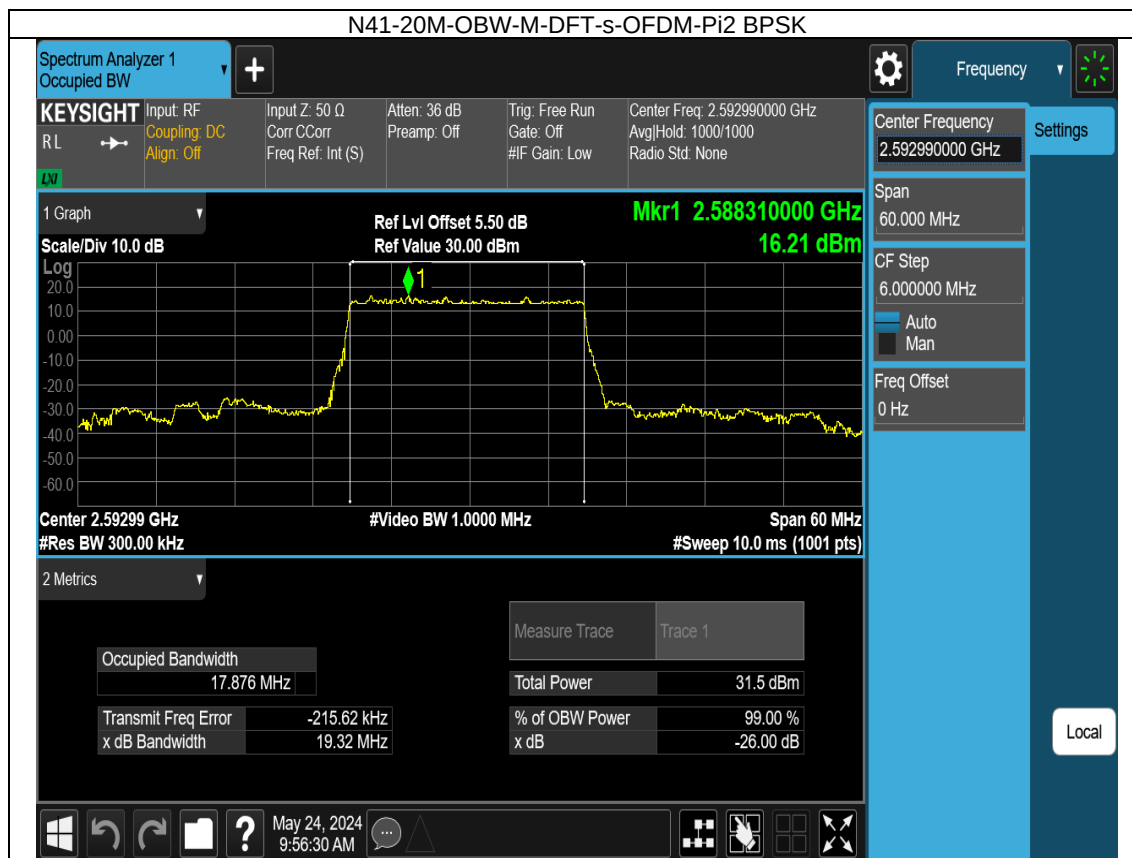
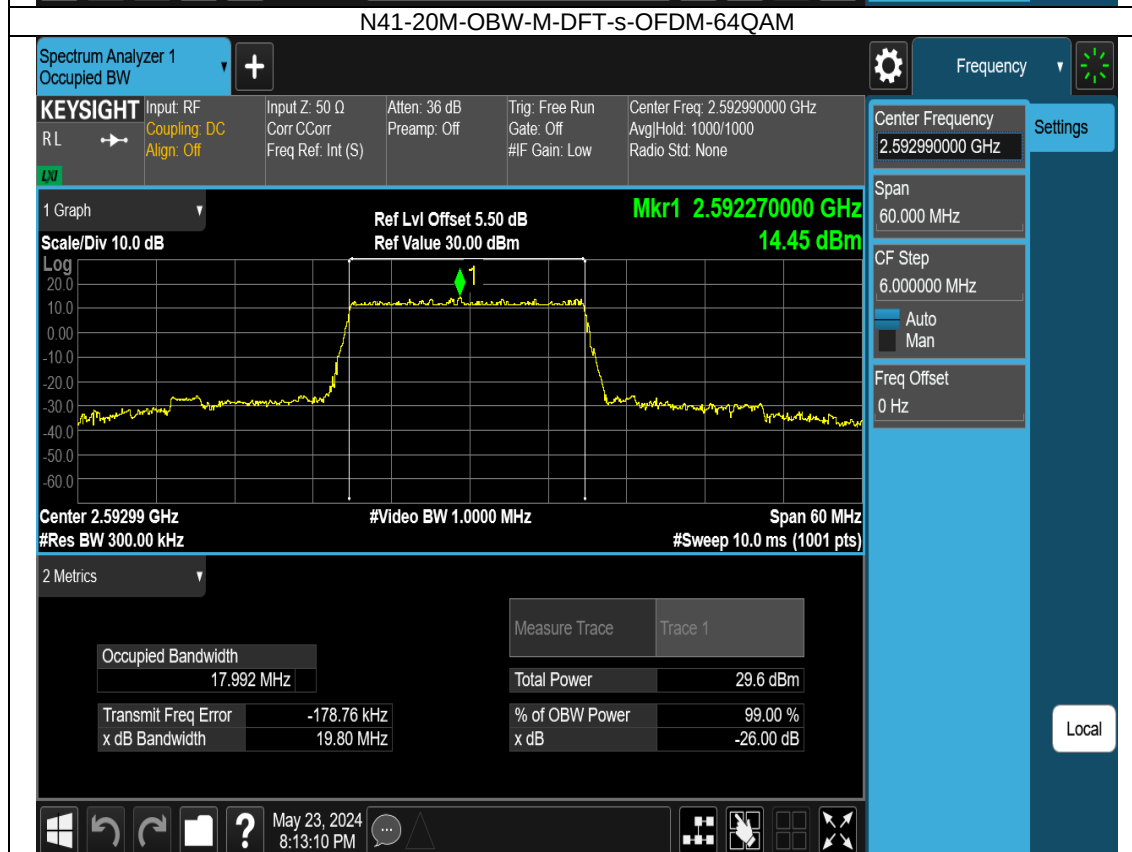
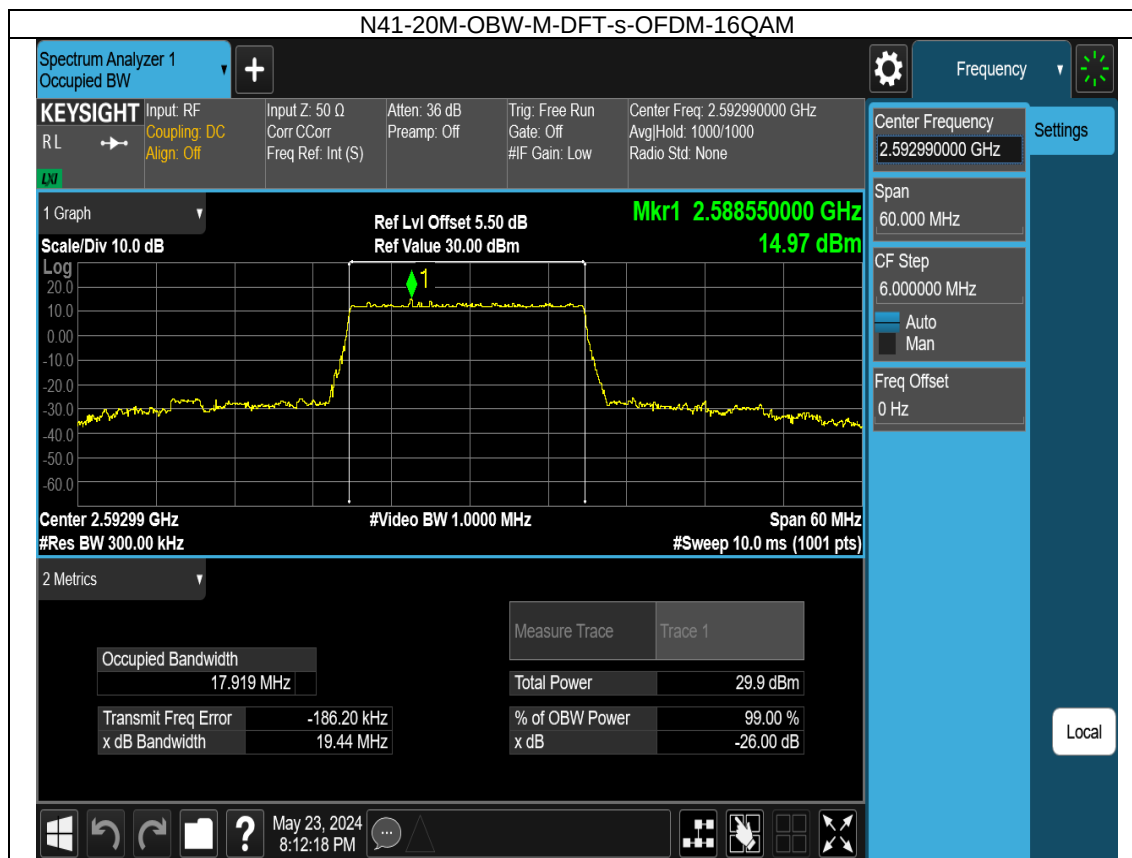
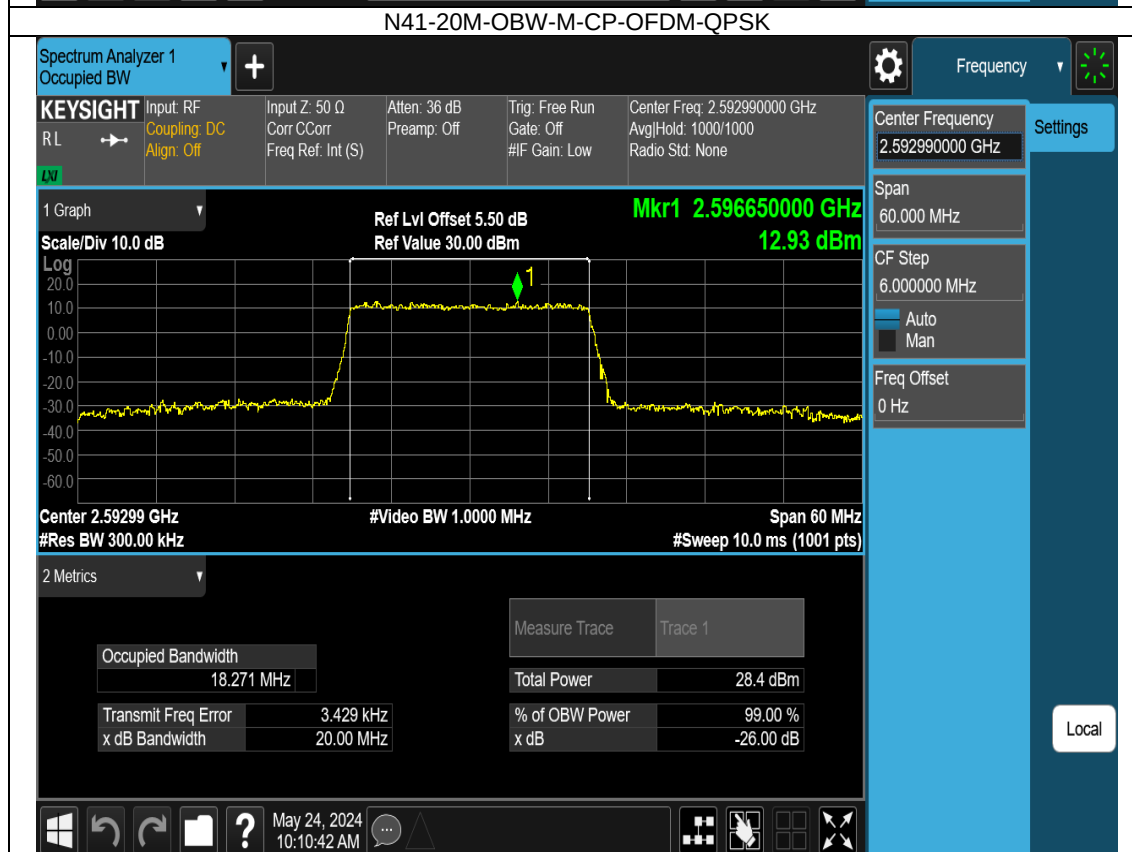
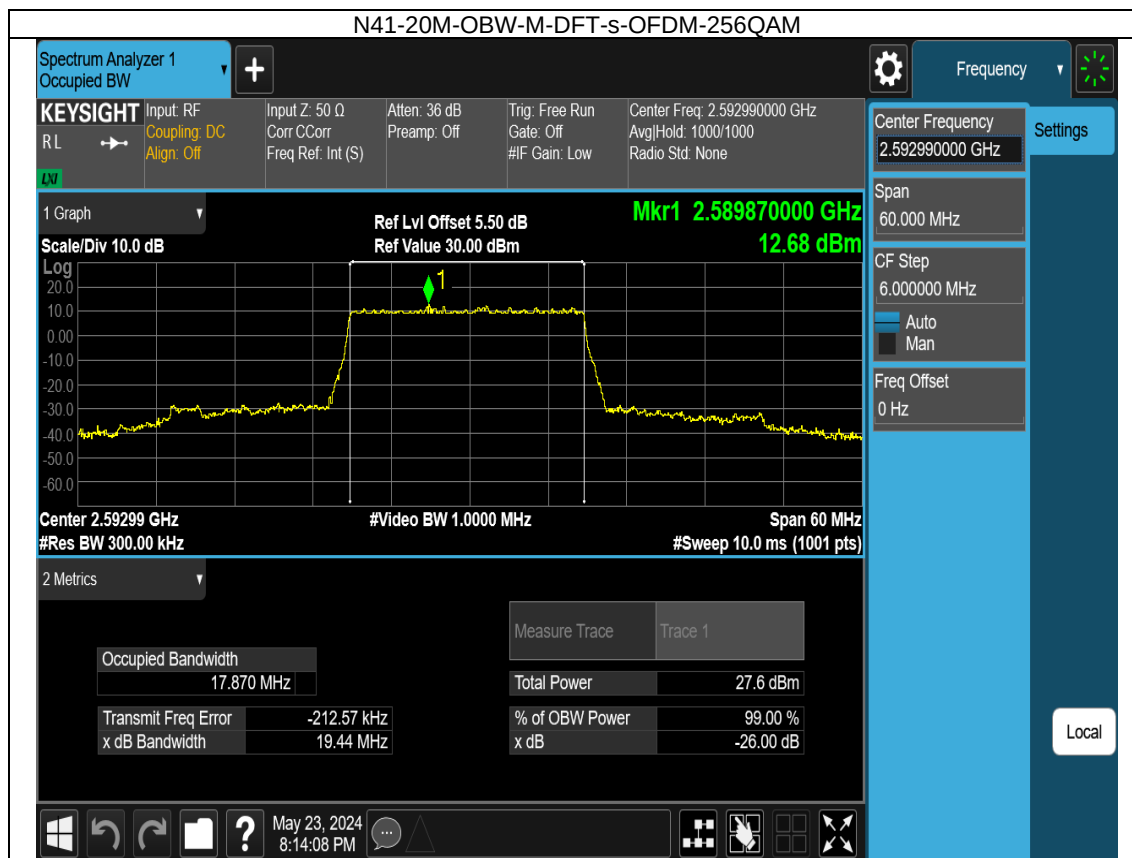
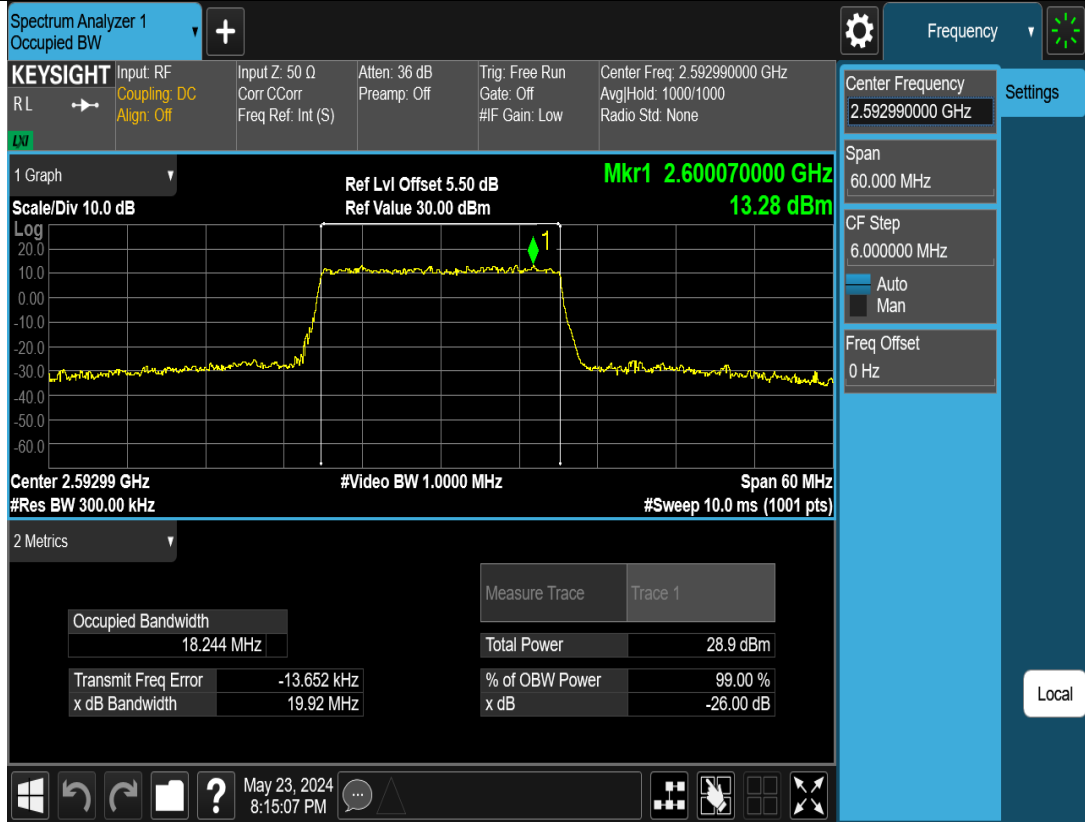




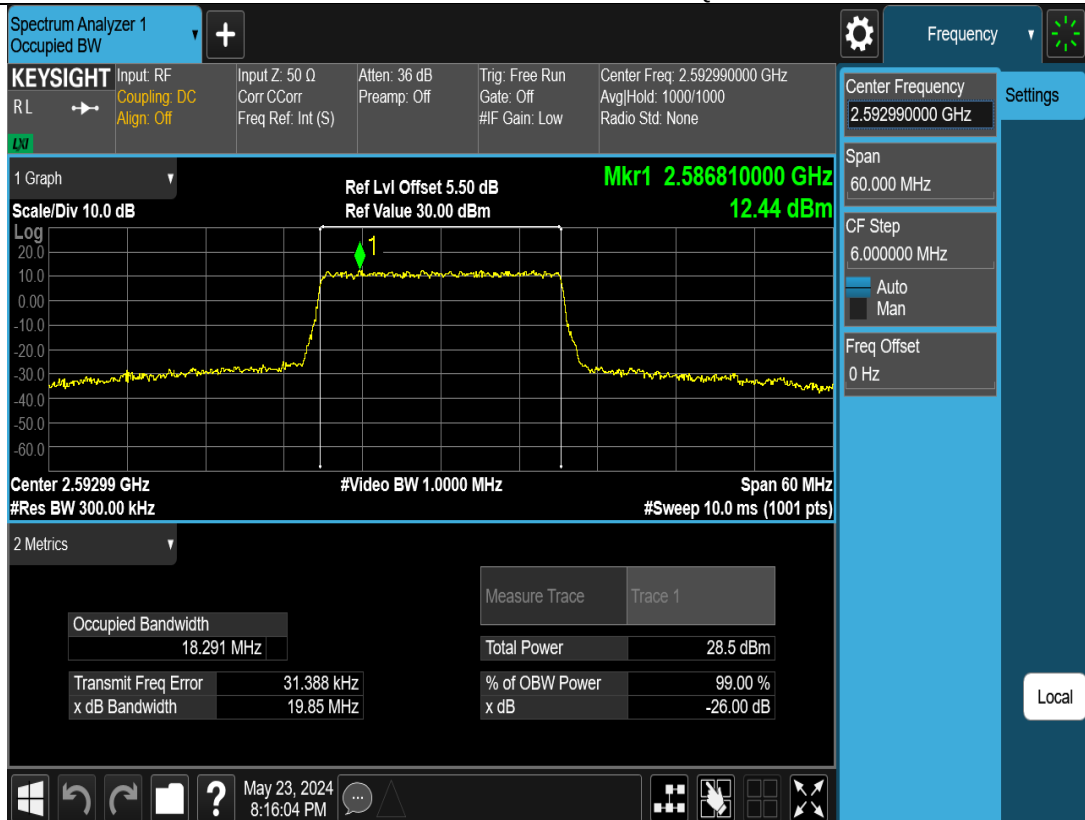




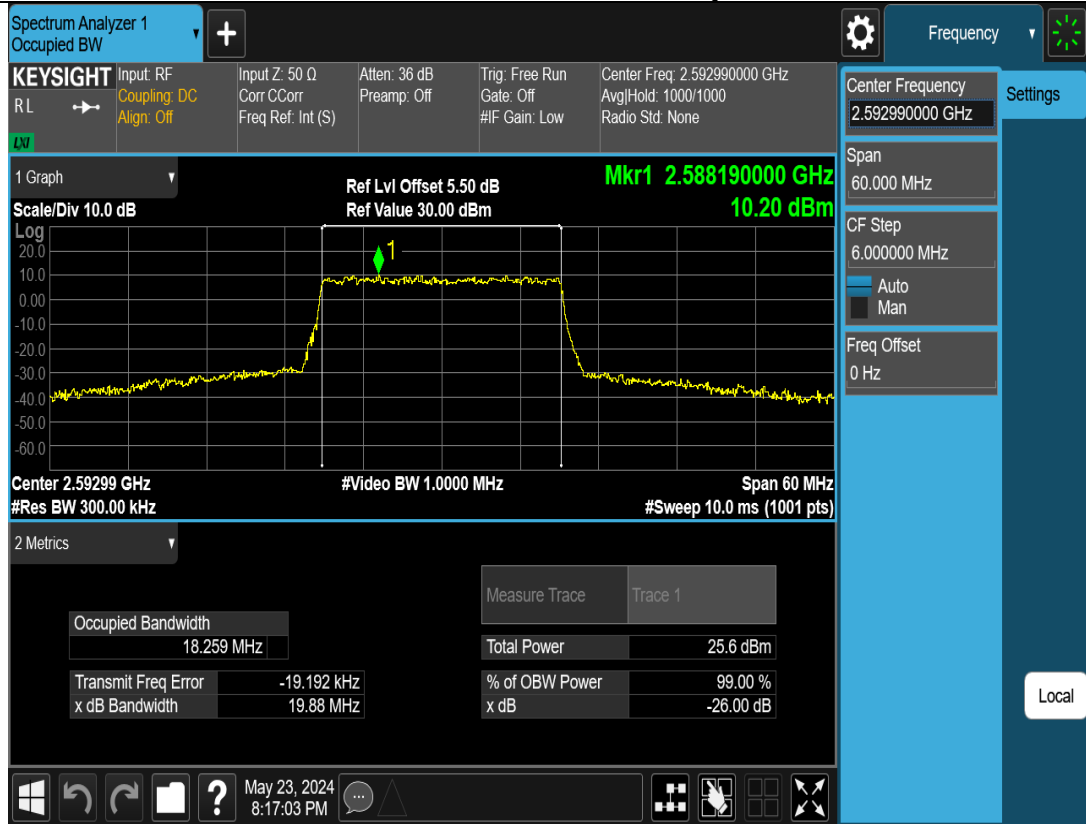
N41-20M-OBW-M-CP-OFDM-16QAM



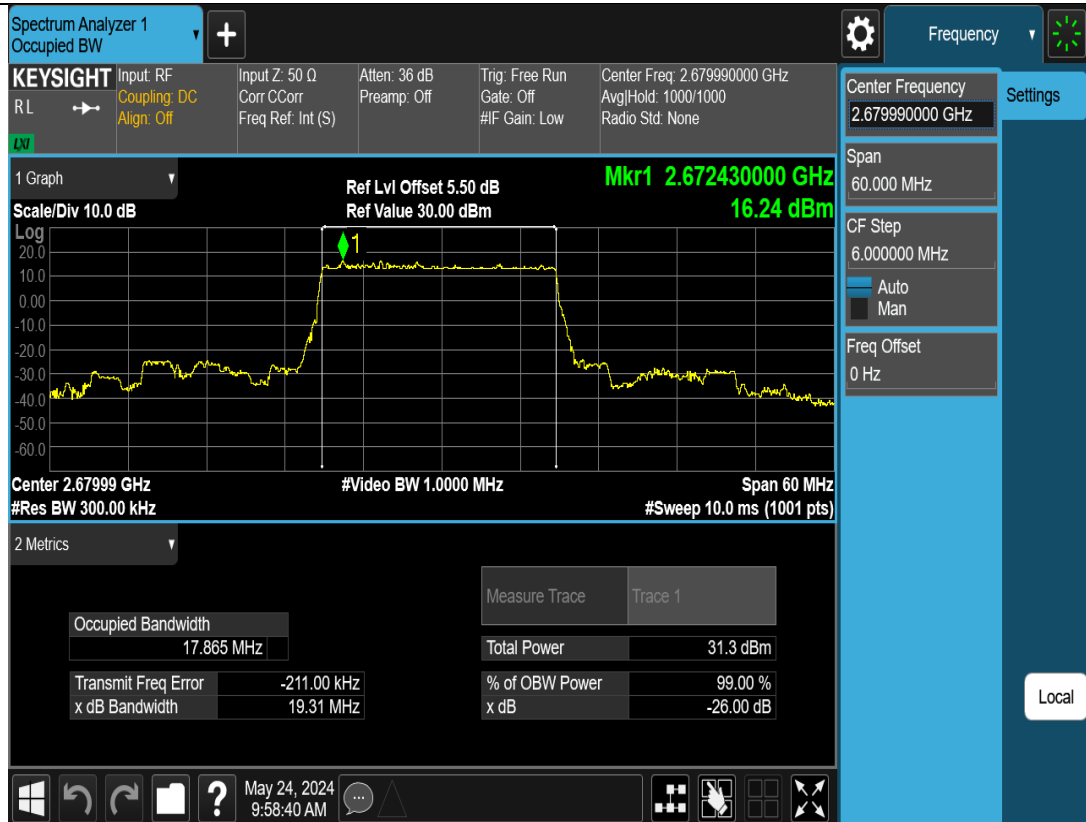
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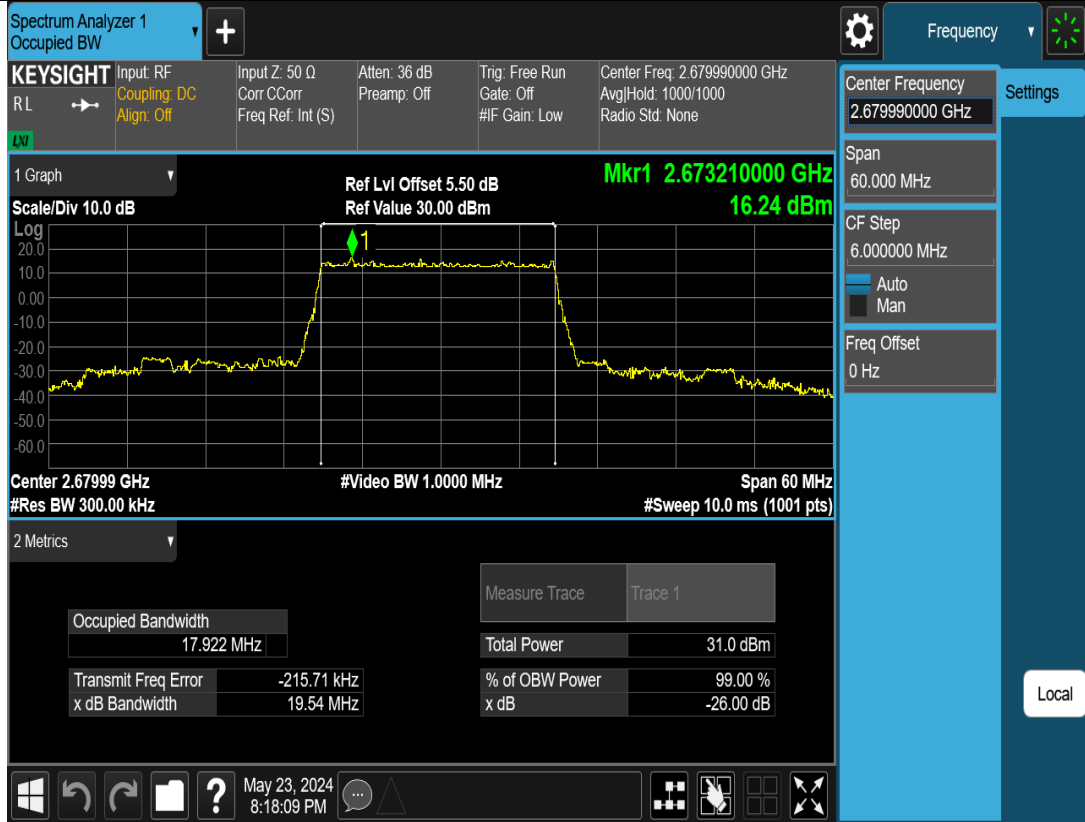
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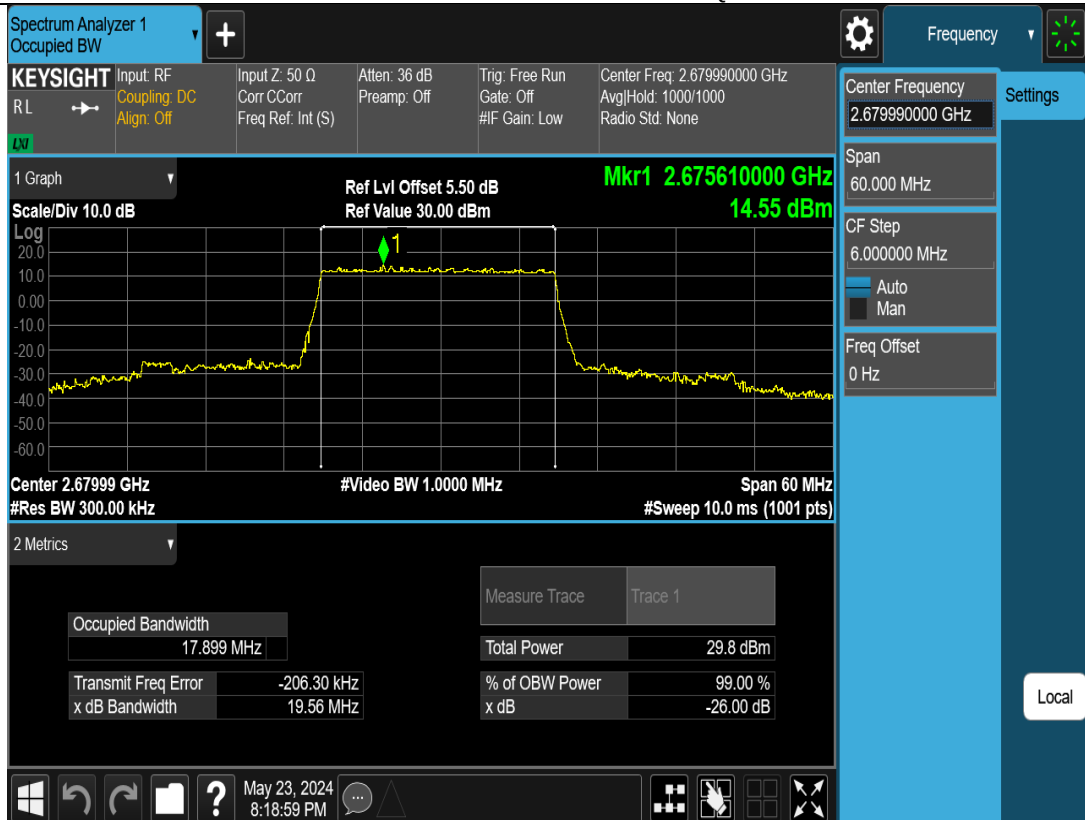
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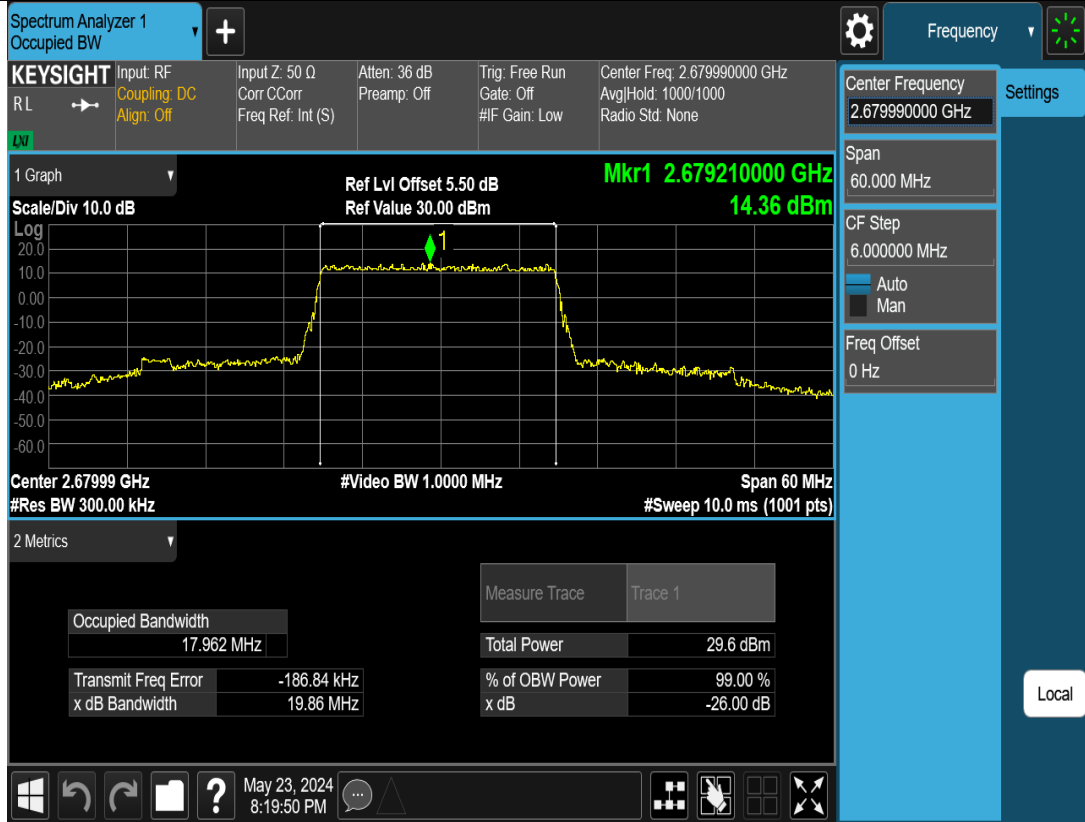
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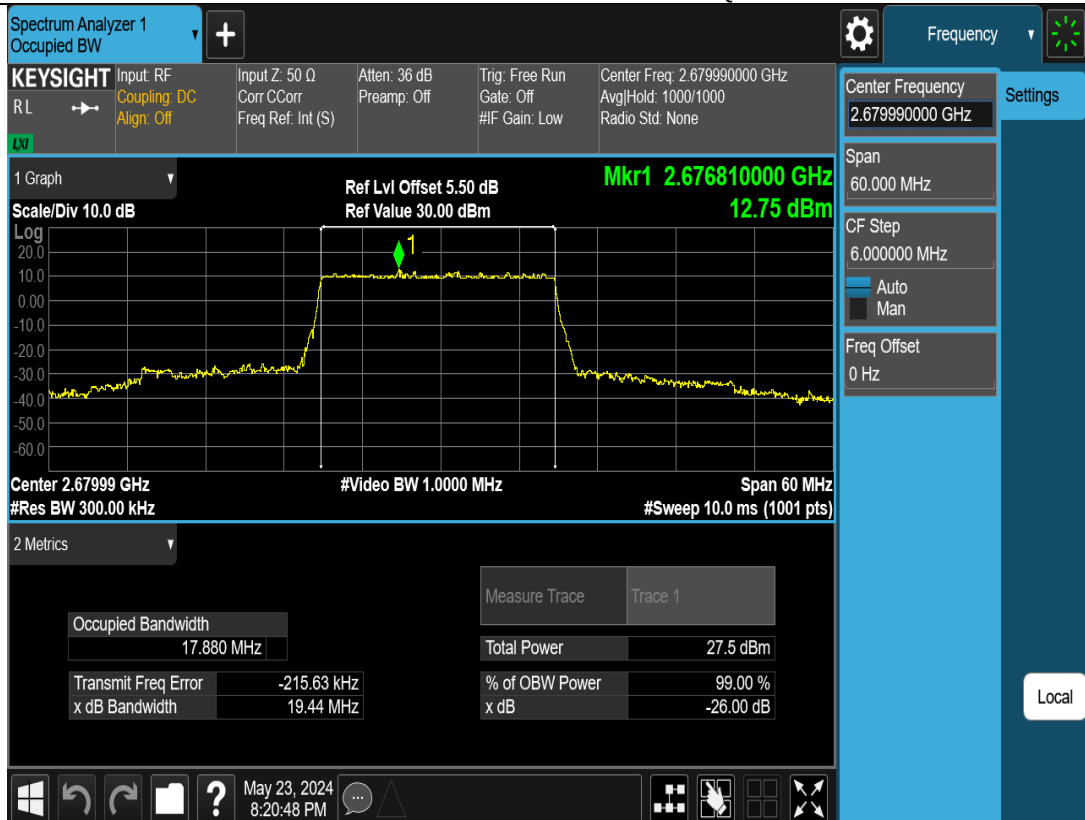
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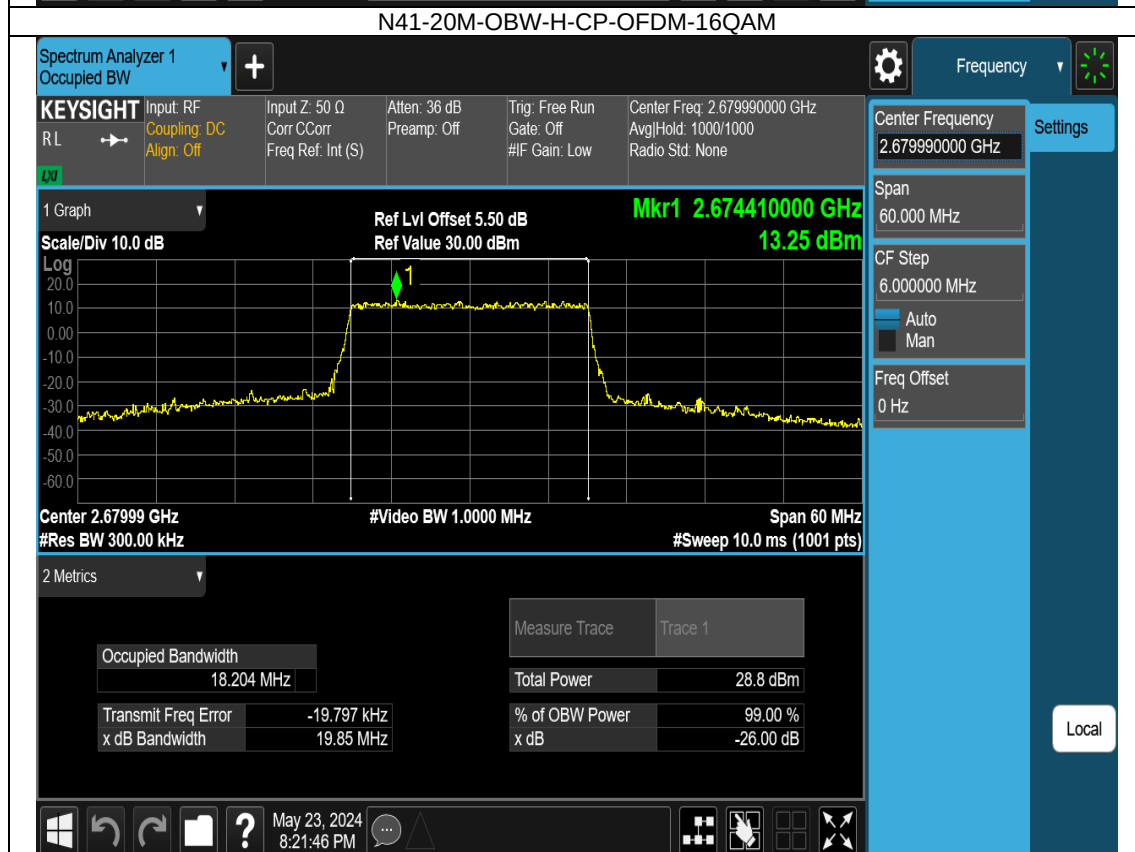
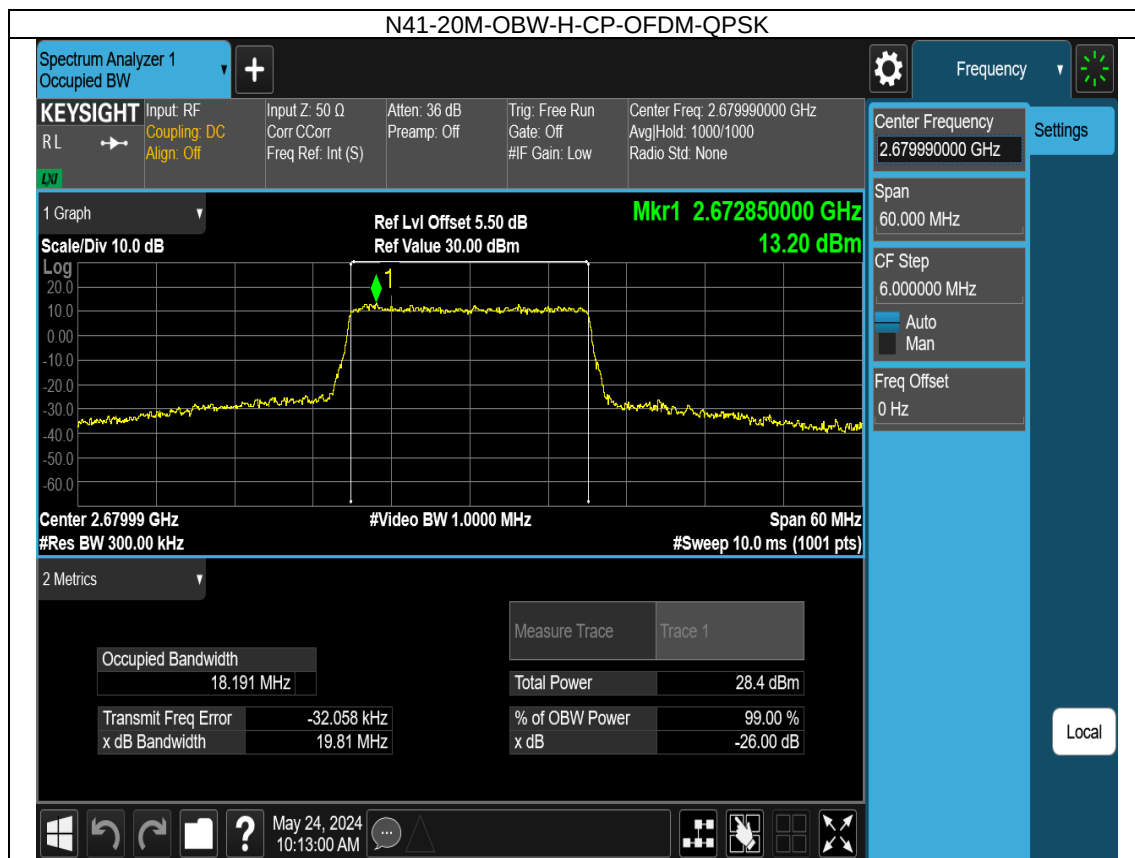


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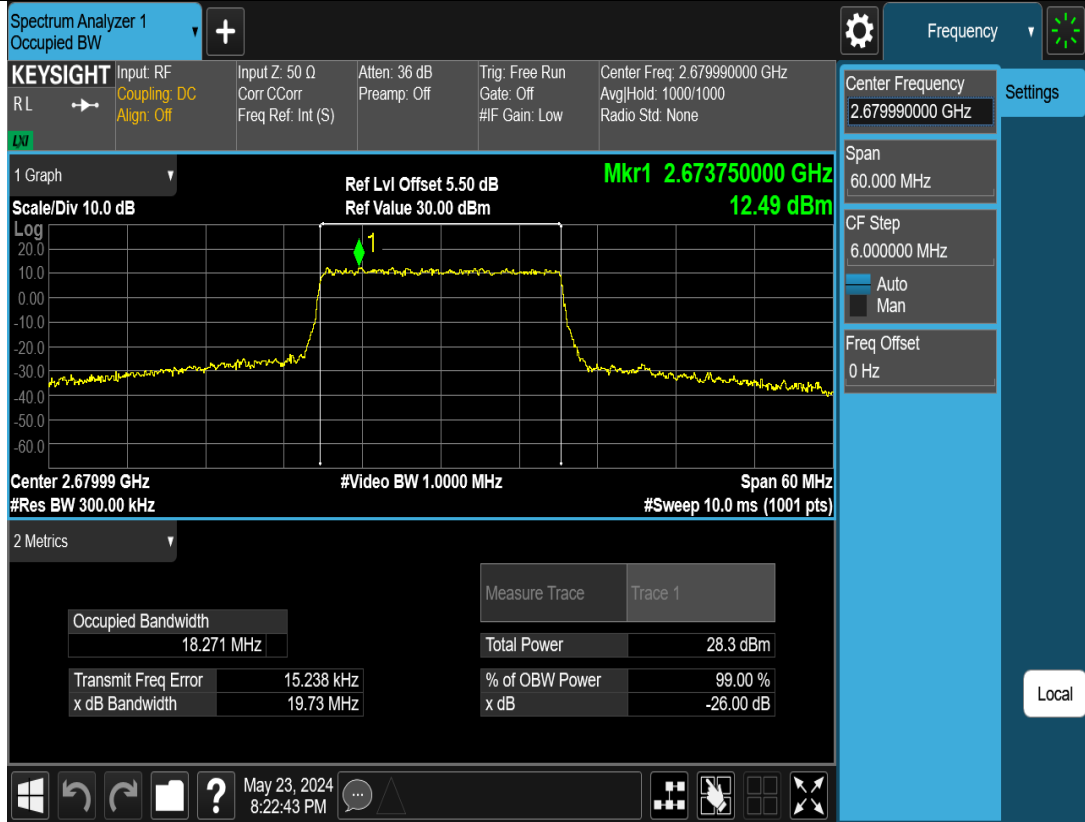


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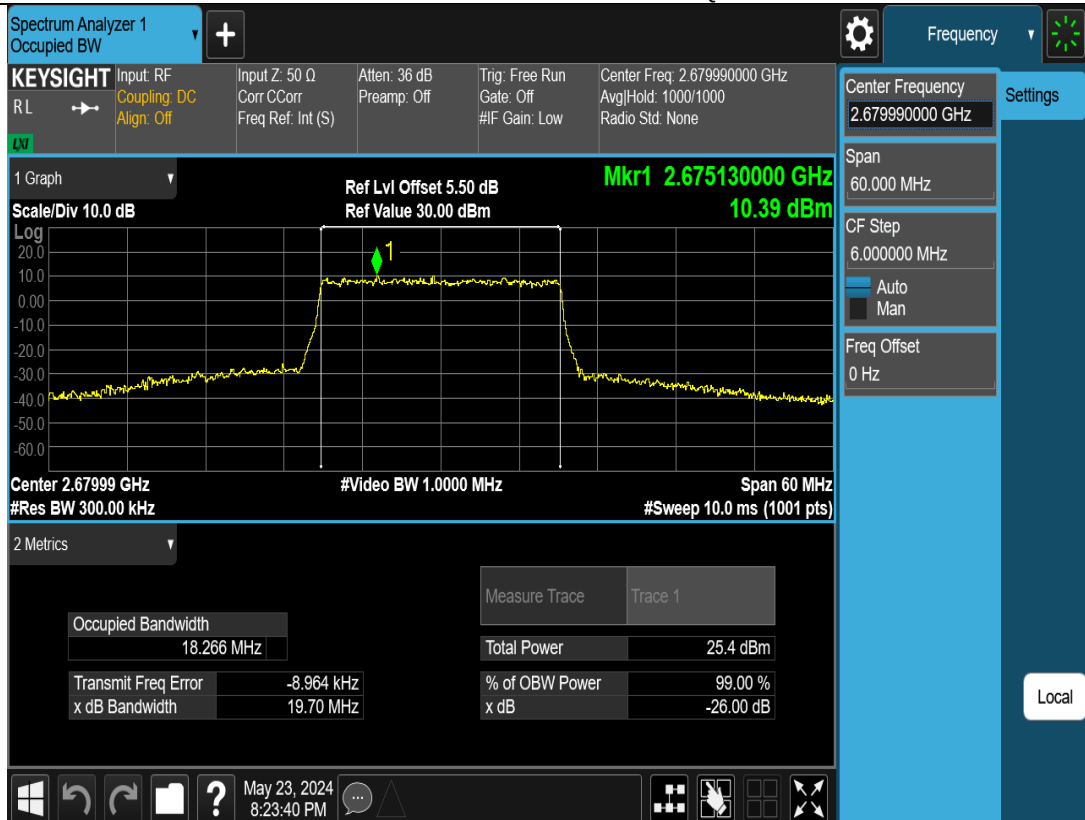




N41-20M-OBW-H-CP-OFDM-64QAM



N41-20M-OBW-H-CP-OFDM-256QAM



Peak-Average Ratio

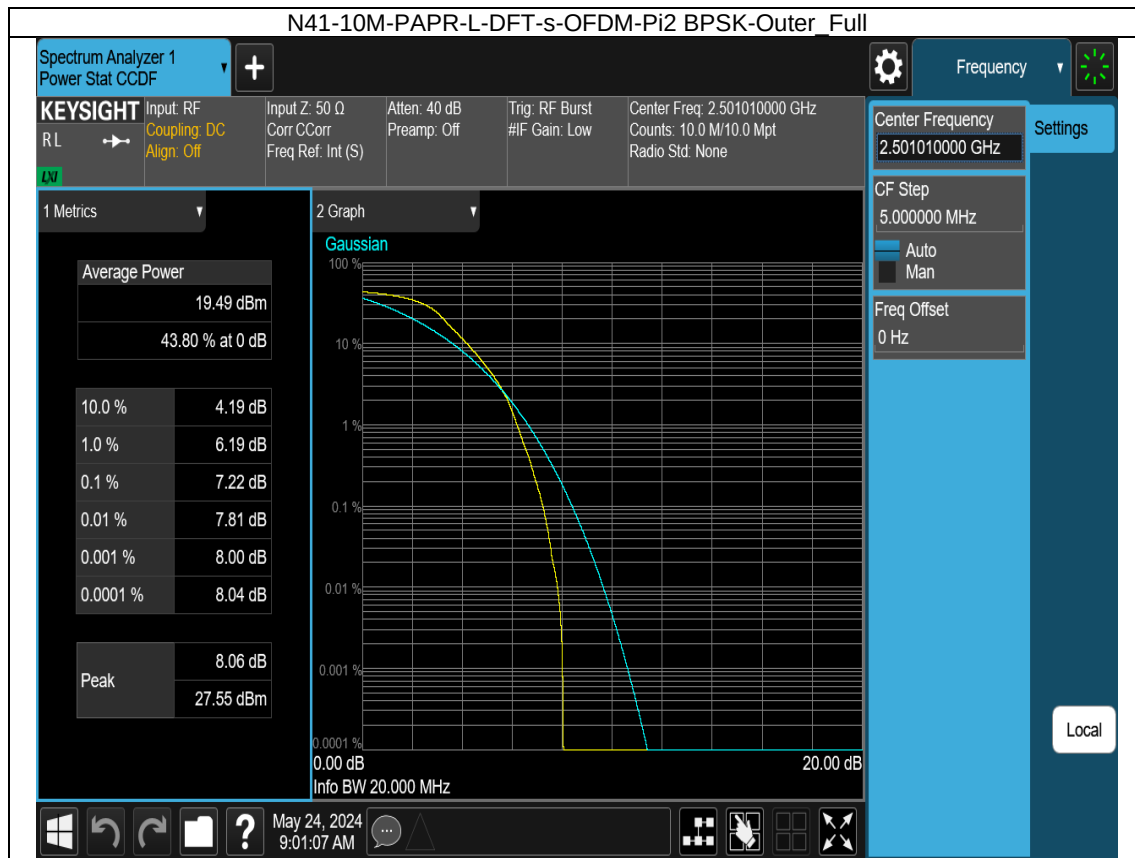
Test Result

5G NR n41 SCS=30kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	7.22	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.19	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.09	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.53	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.43	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.04	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.18	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.65	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.34	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	7.05	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	9.84	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.97	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.37	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.34	<=13	Pass
CP-OFDM QPSK		Outer_Full	9.76	<=13	Pass
CP-OFDM 16QAM		Outer_Full	9.92	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.36	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.35	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	7.04	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	10.18	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.06	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.60	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.43	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.13	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.35	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.80	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.39	<=13	Pass

5G NR n41 SCS=30kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	6.87	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.20	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.11	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.28	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.28	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.21	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.36	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.73	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.34	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	7.08	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.31	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.12	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.27	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.21	<=13	Pass
CP-OFDM QPSK		Outer_Full	9.87	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.07	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.46	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.19	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	6.93	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	10.52	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	10.48	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.35	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.28	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.36	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.59	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.23	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.21	<=13	Pass

5G NR n41 SCS=30kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	7.10	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.18	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.00	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.14	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.39	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.04	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.37	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.79	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.14	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	6.96	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.25	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.00	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.18	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.33	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.22	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.05	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.47	<=13	Pass
CP-OFDM 256QAM		Outer_Full	10.96	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	7.14	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.29	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.07	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.37	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.38	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.11	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.39	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.84	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.09	<=13	Pass

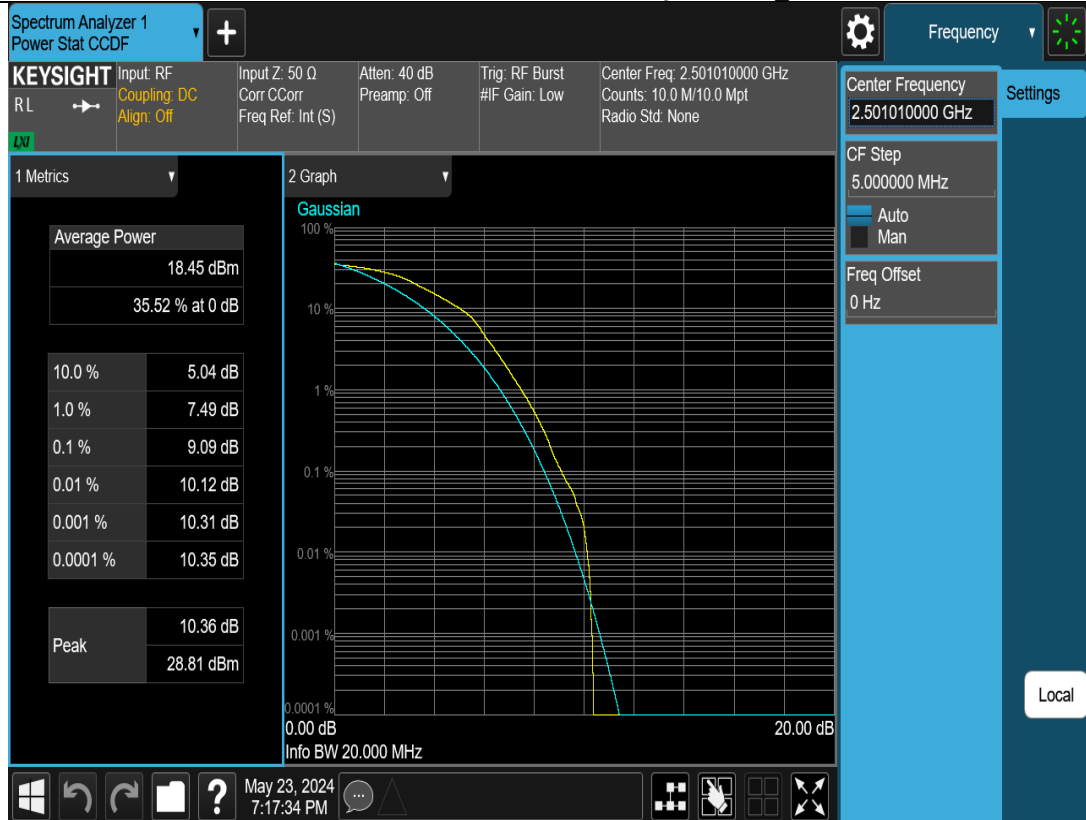
Test Graph

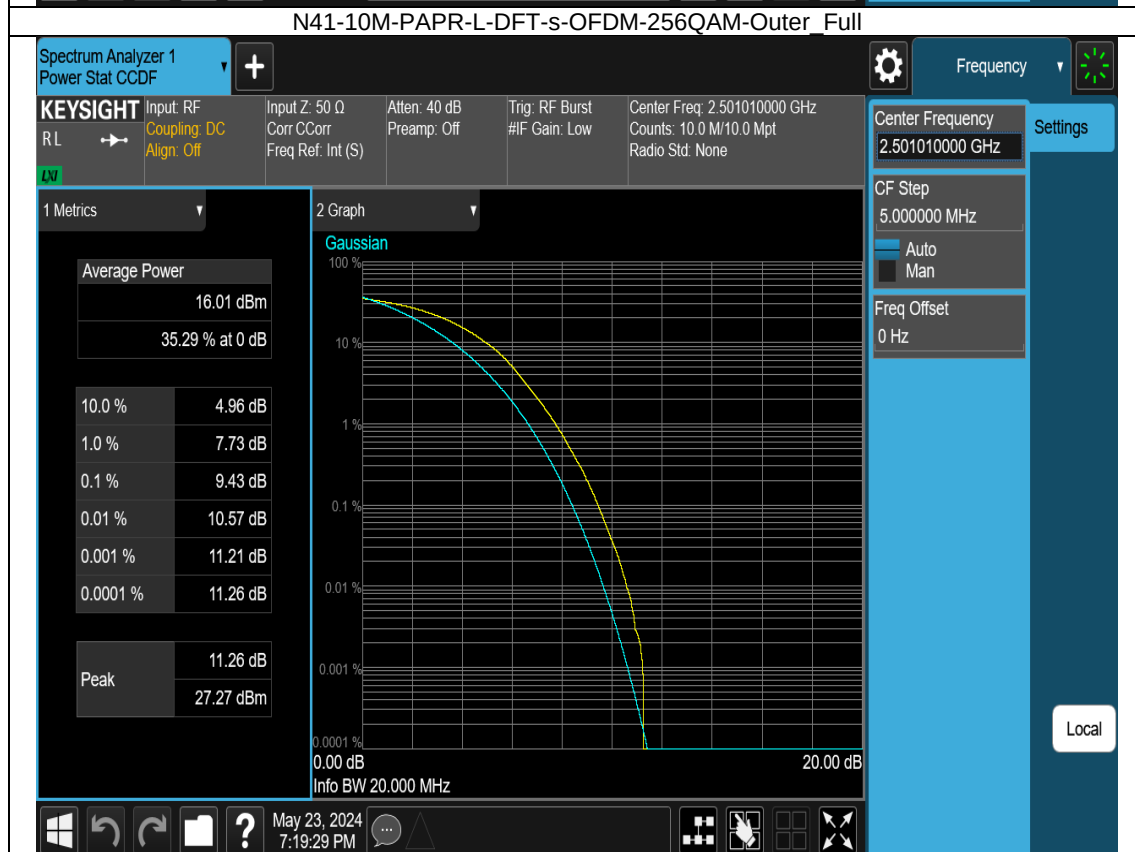
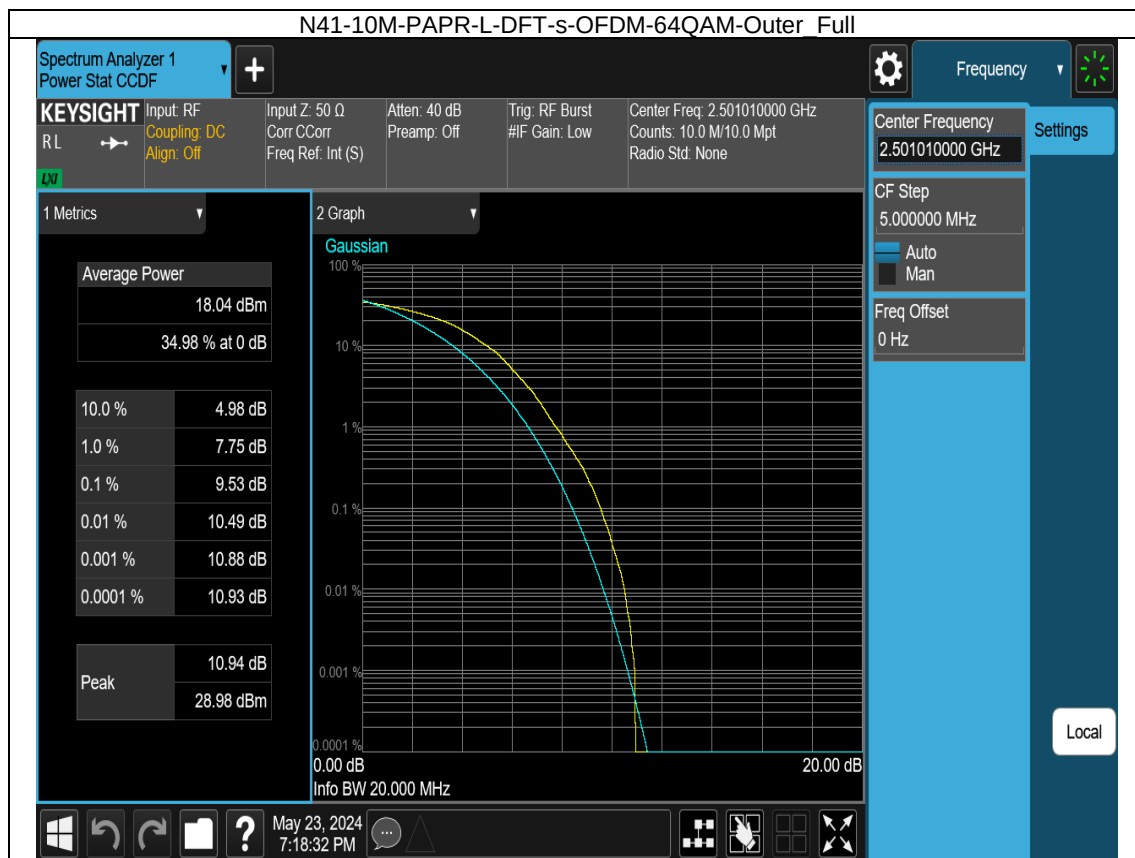


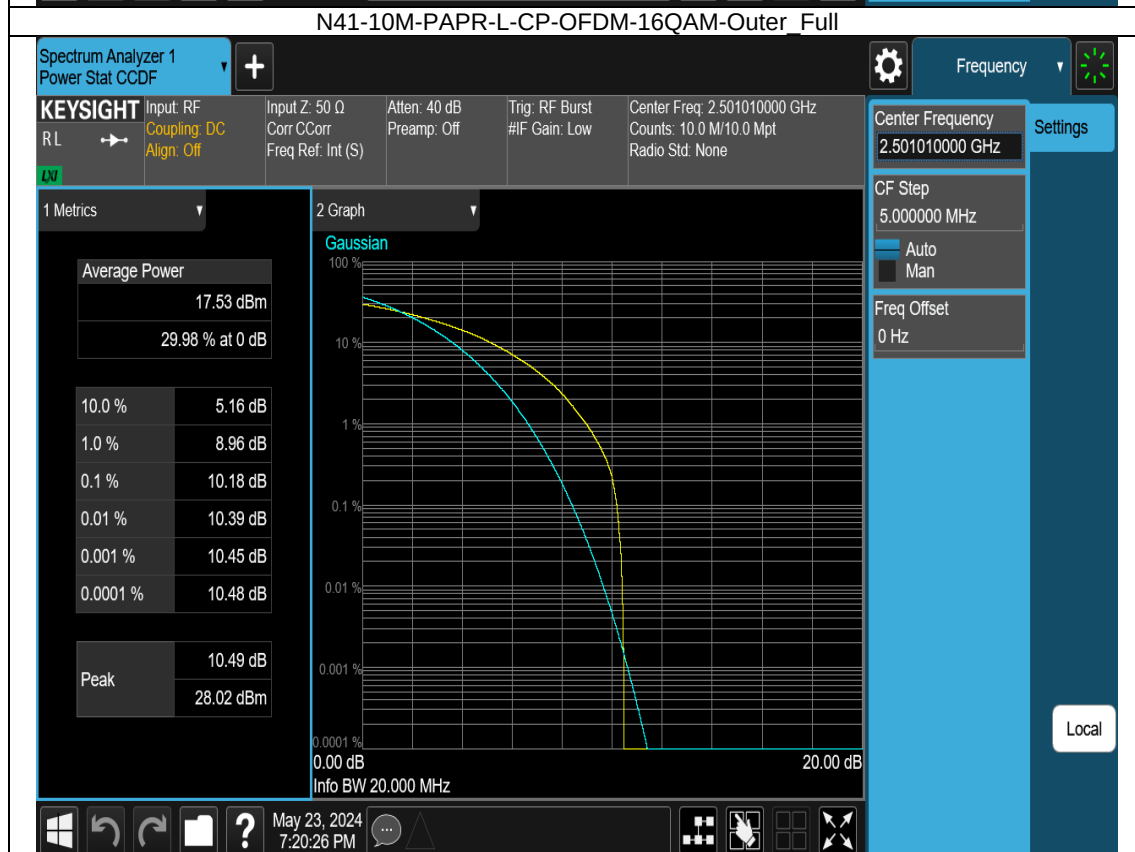
N41-10M-PAPR-L-DFT-s-OFDM-QPSK-Outer Full



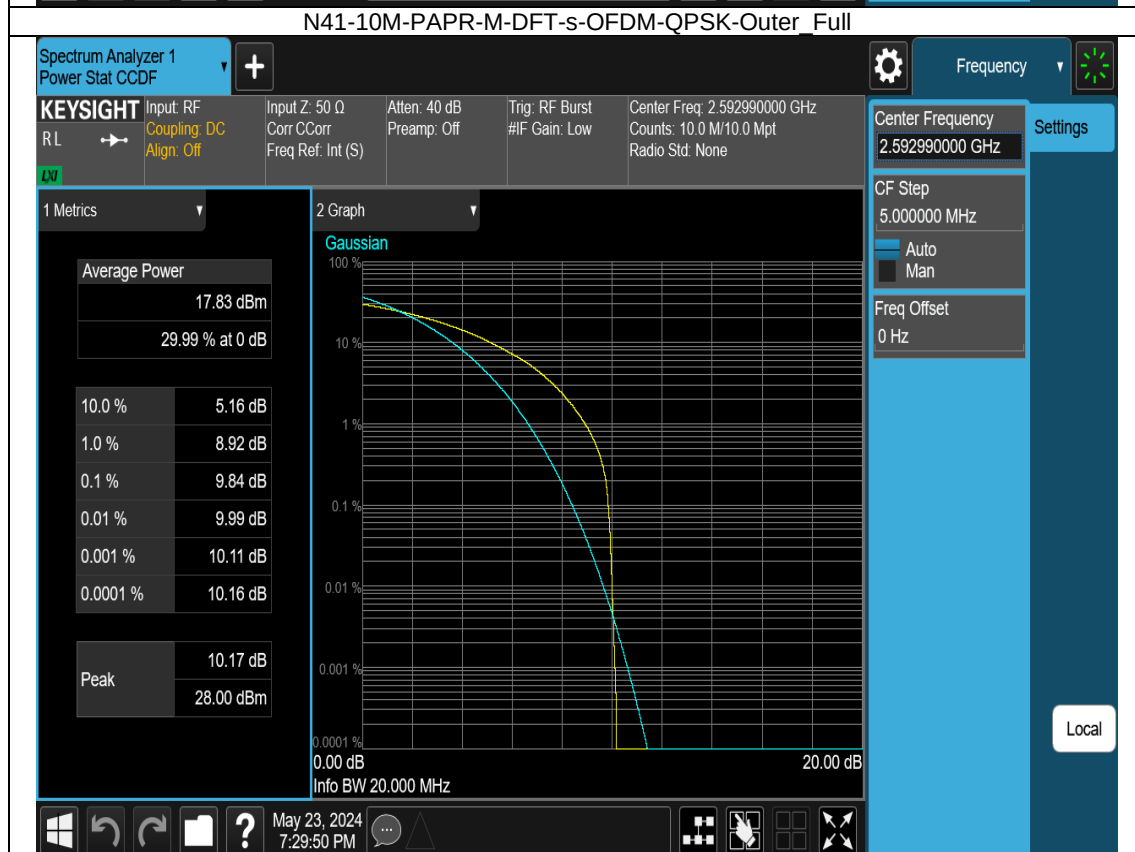
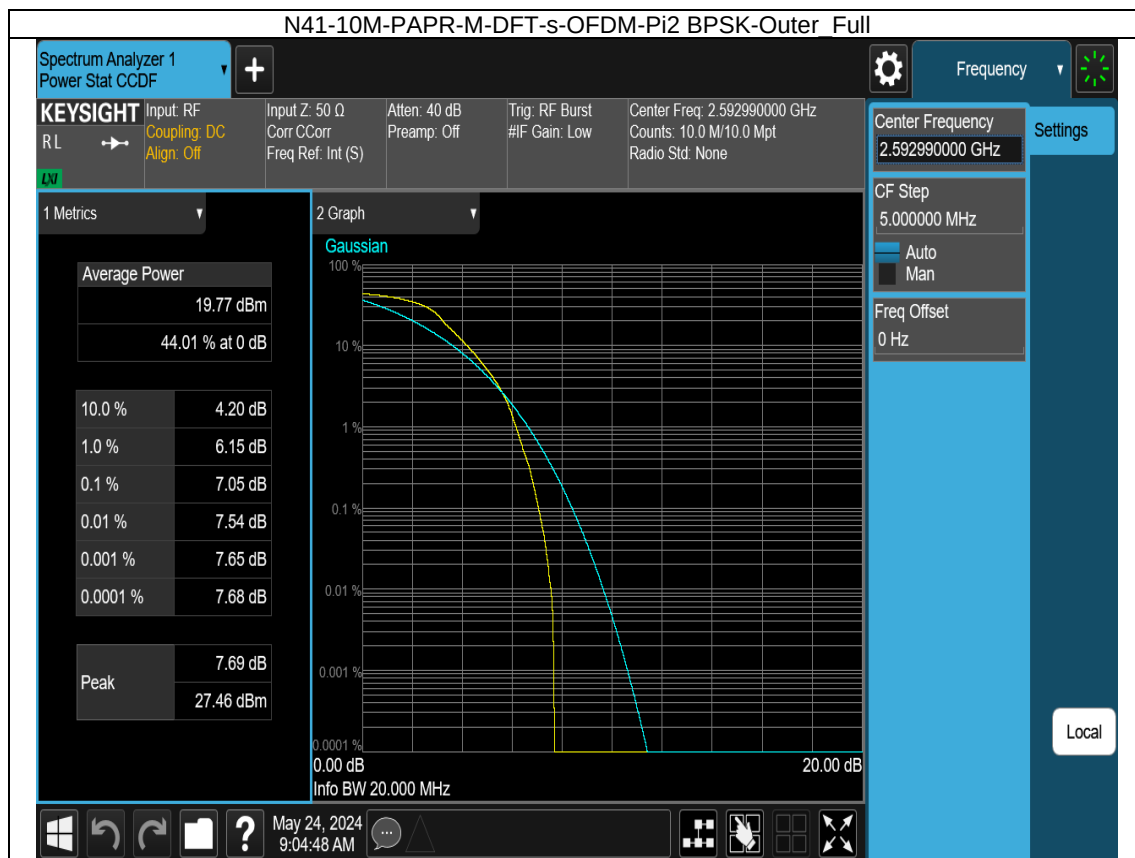
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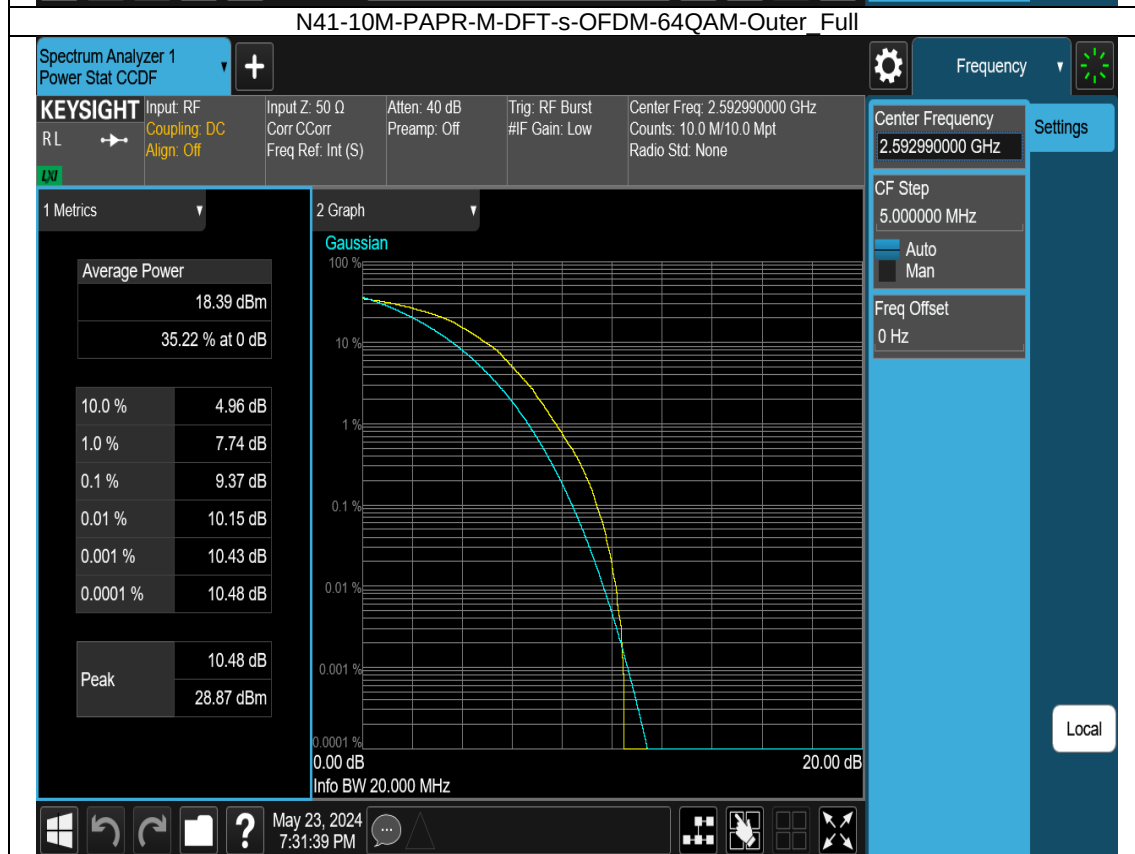
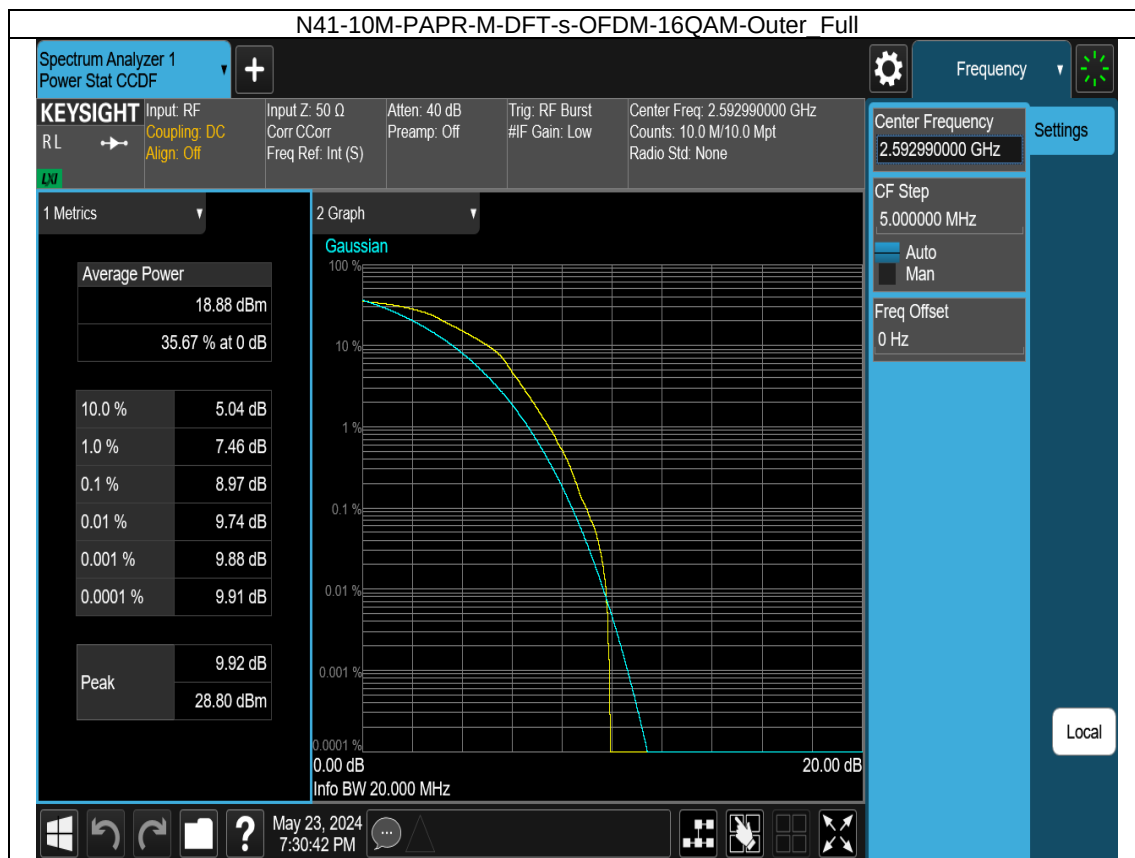


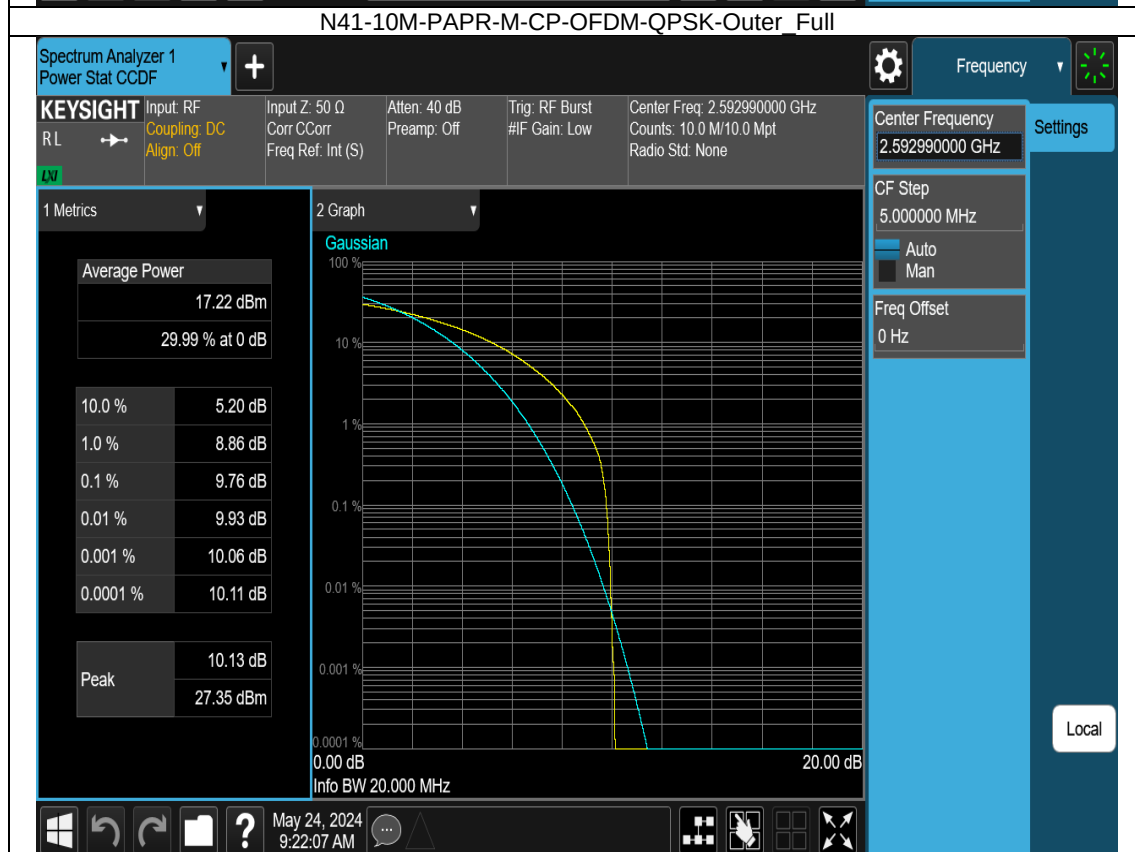
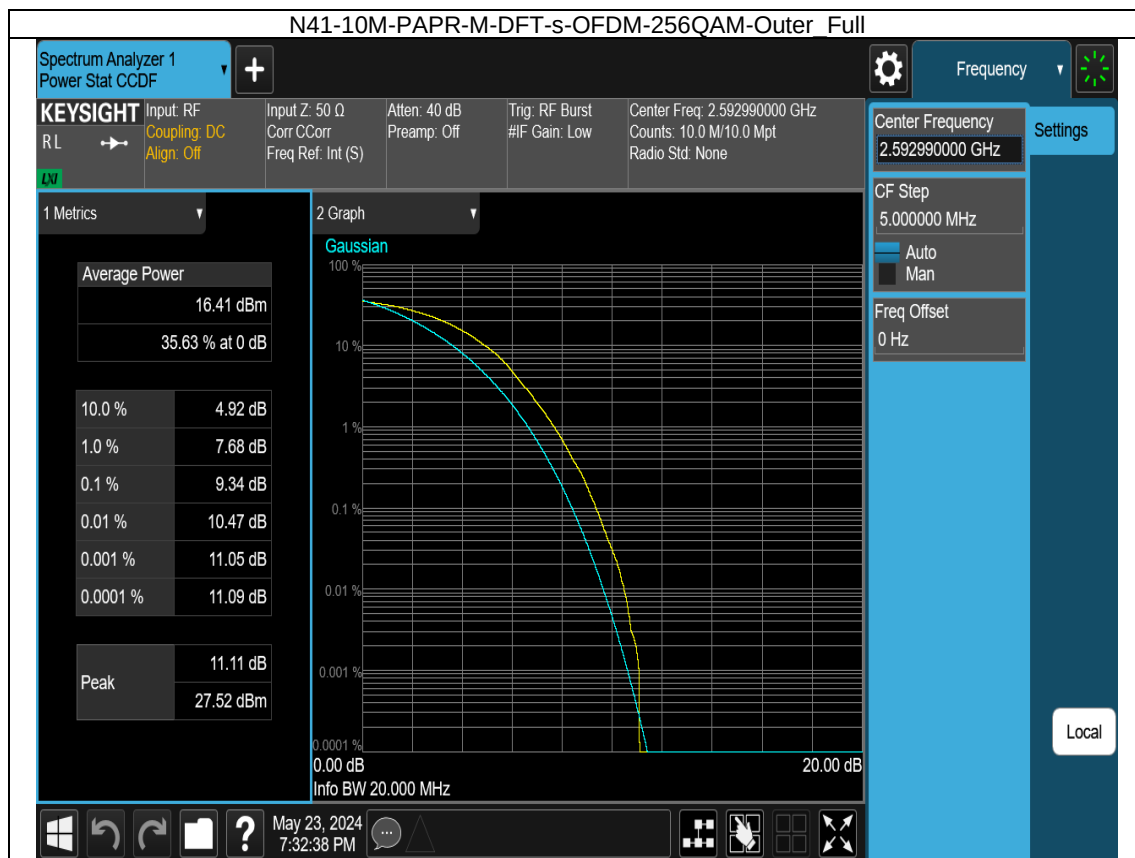


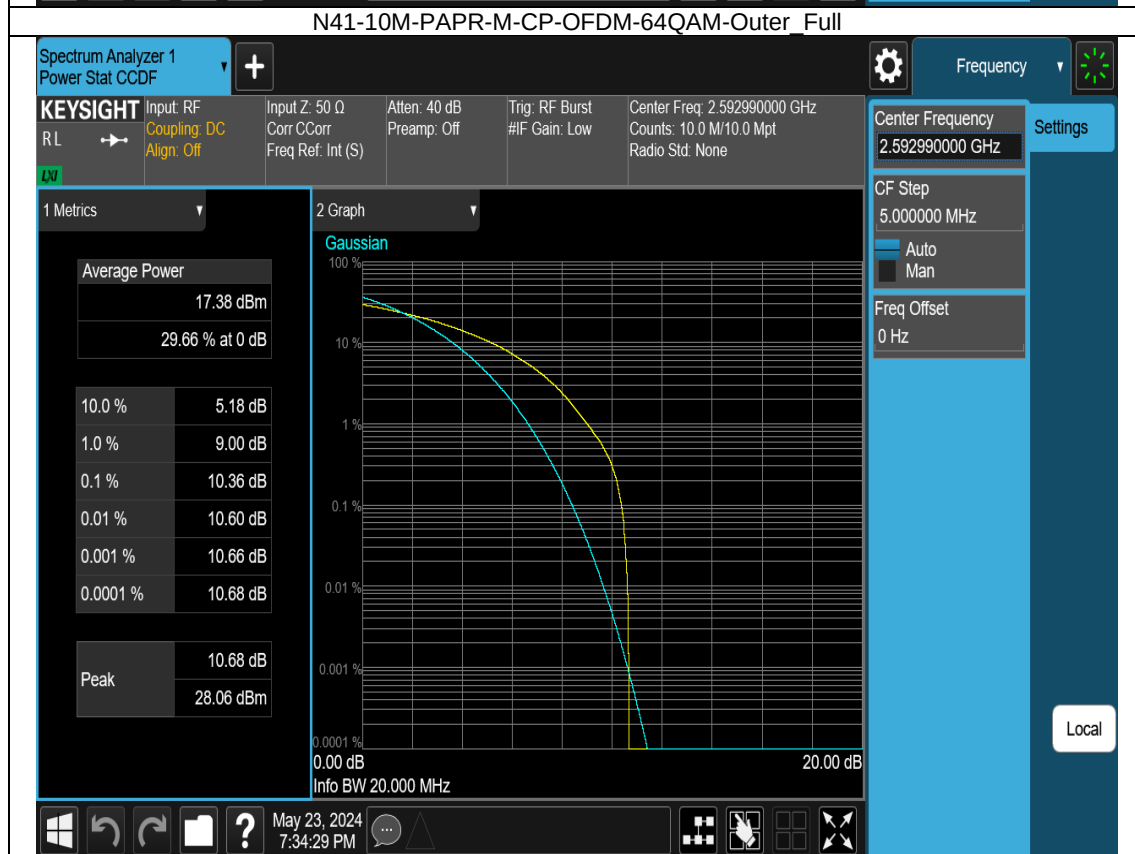
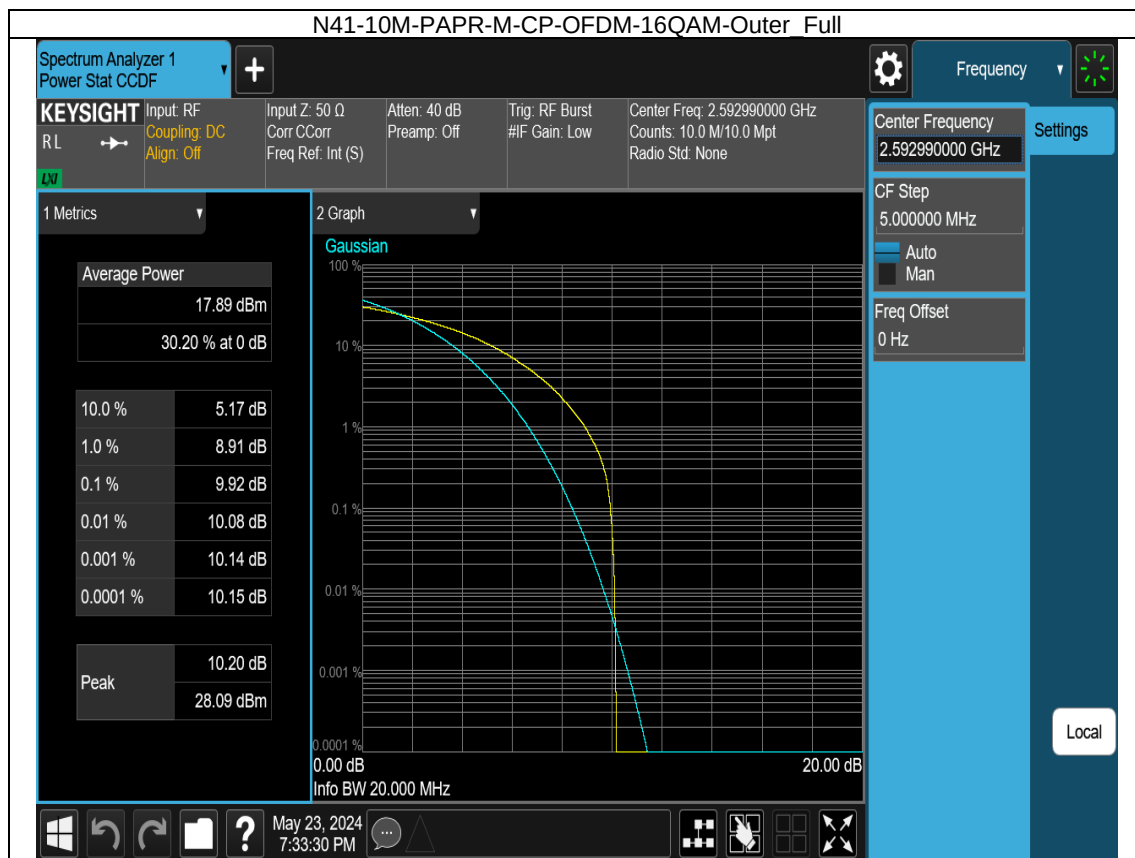


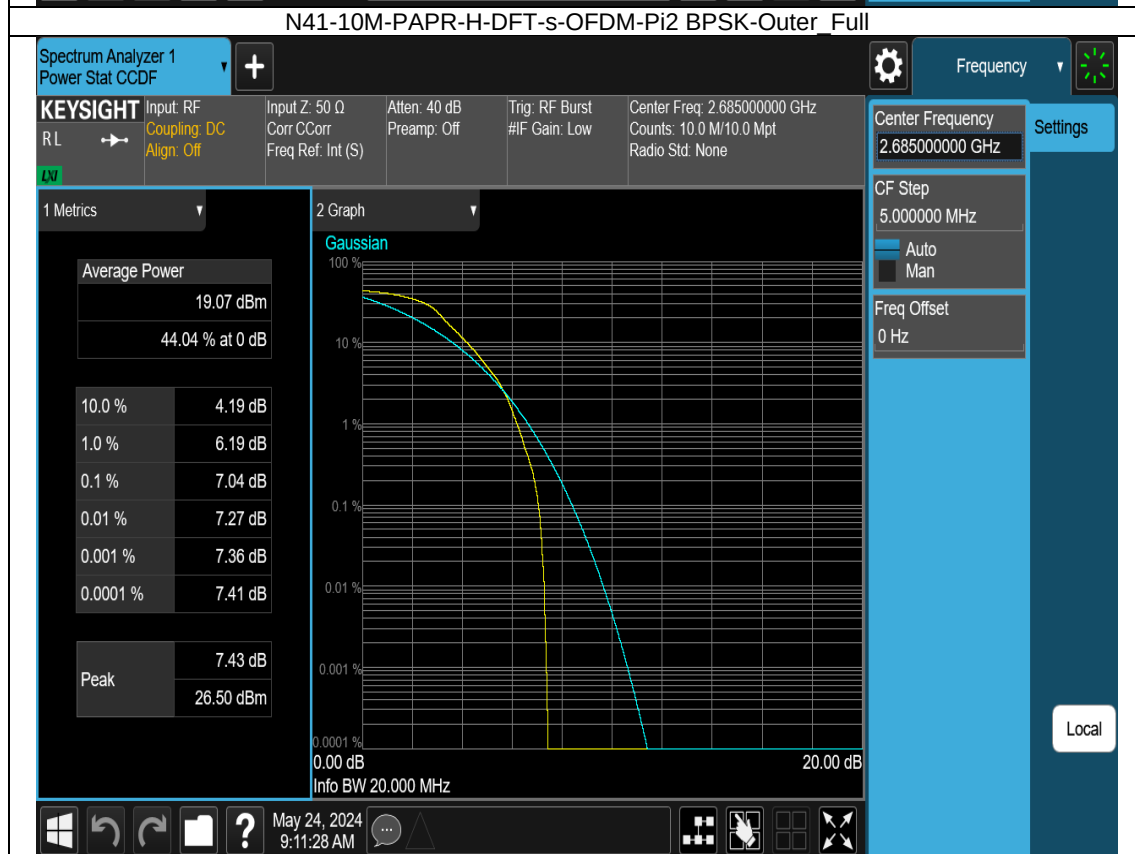




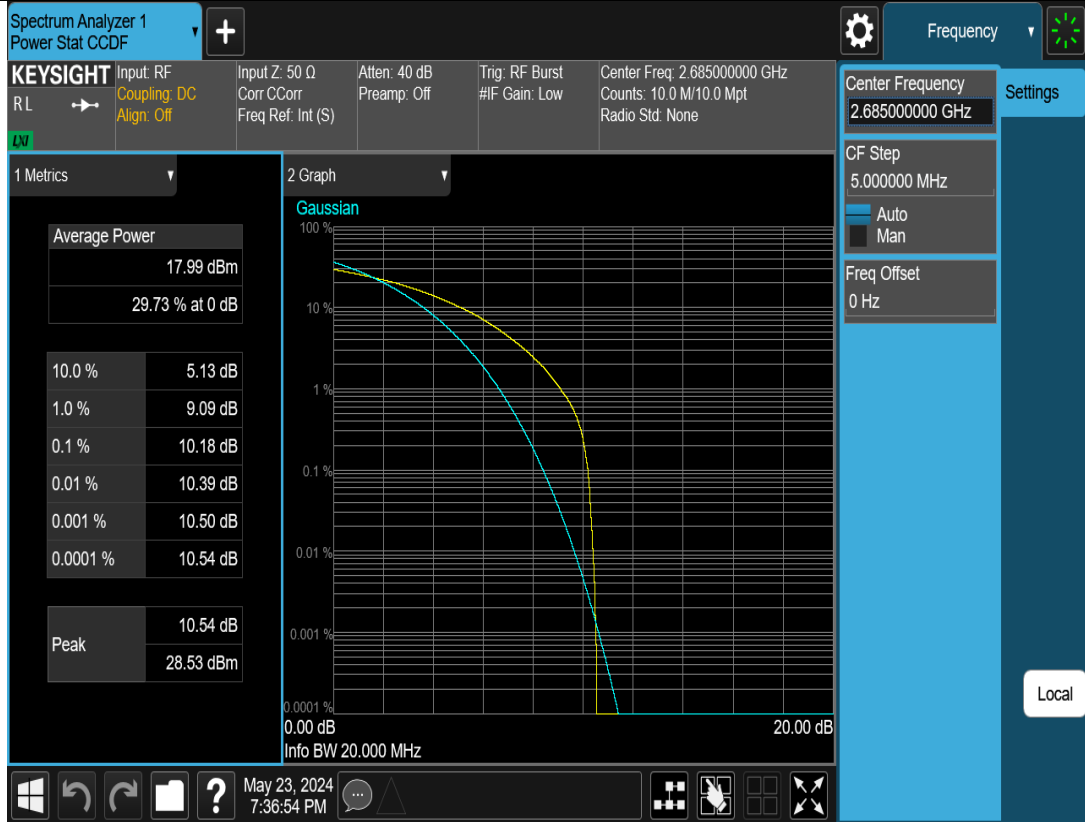




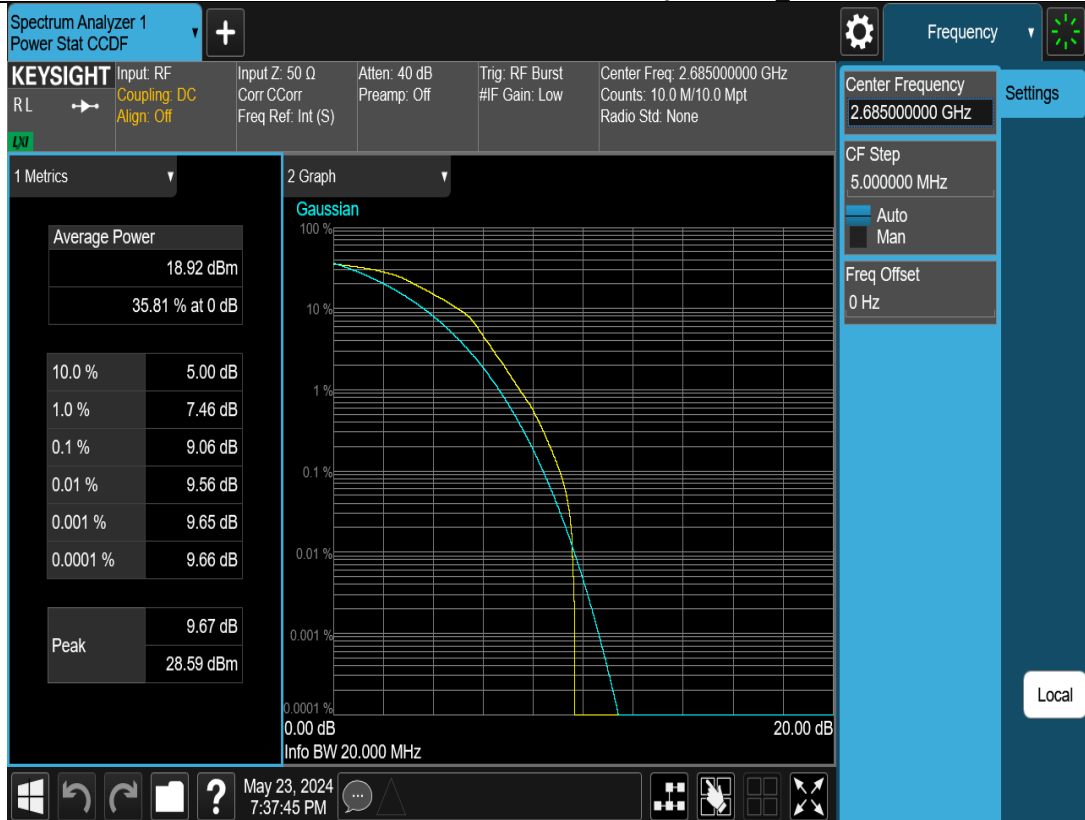


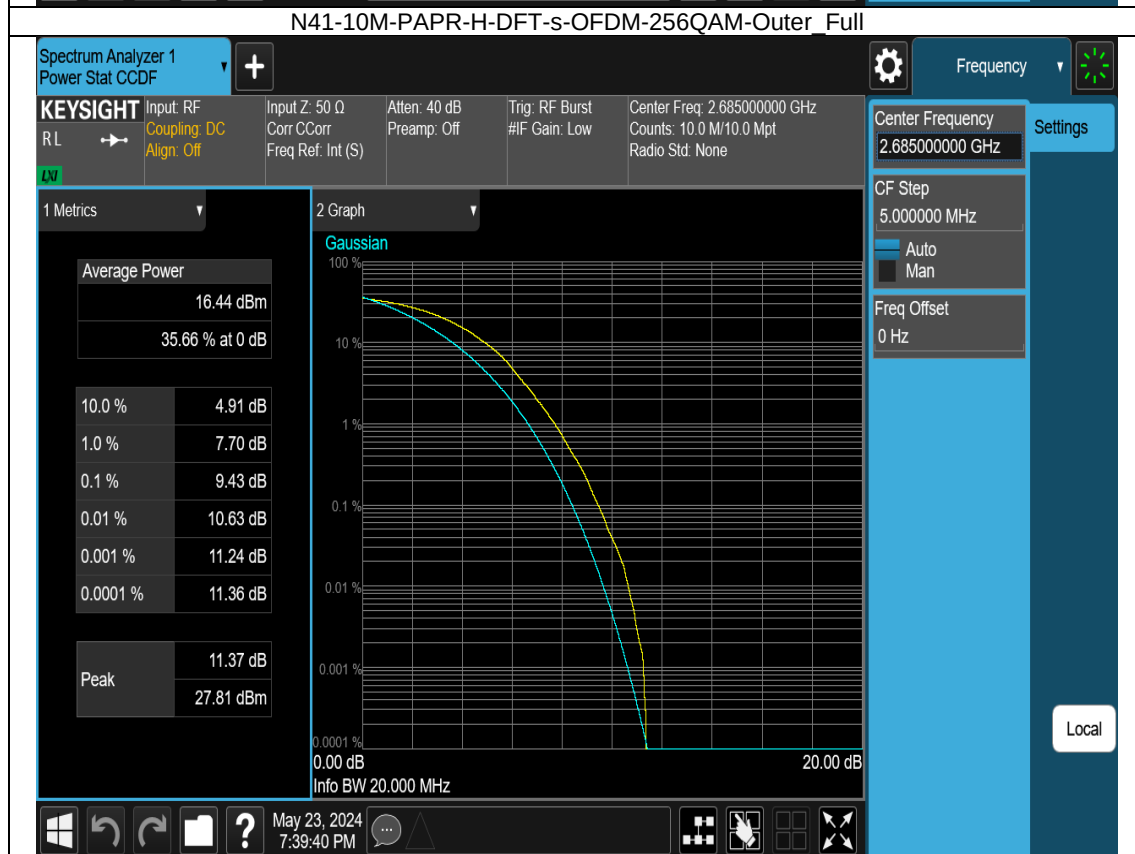
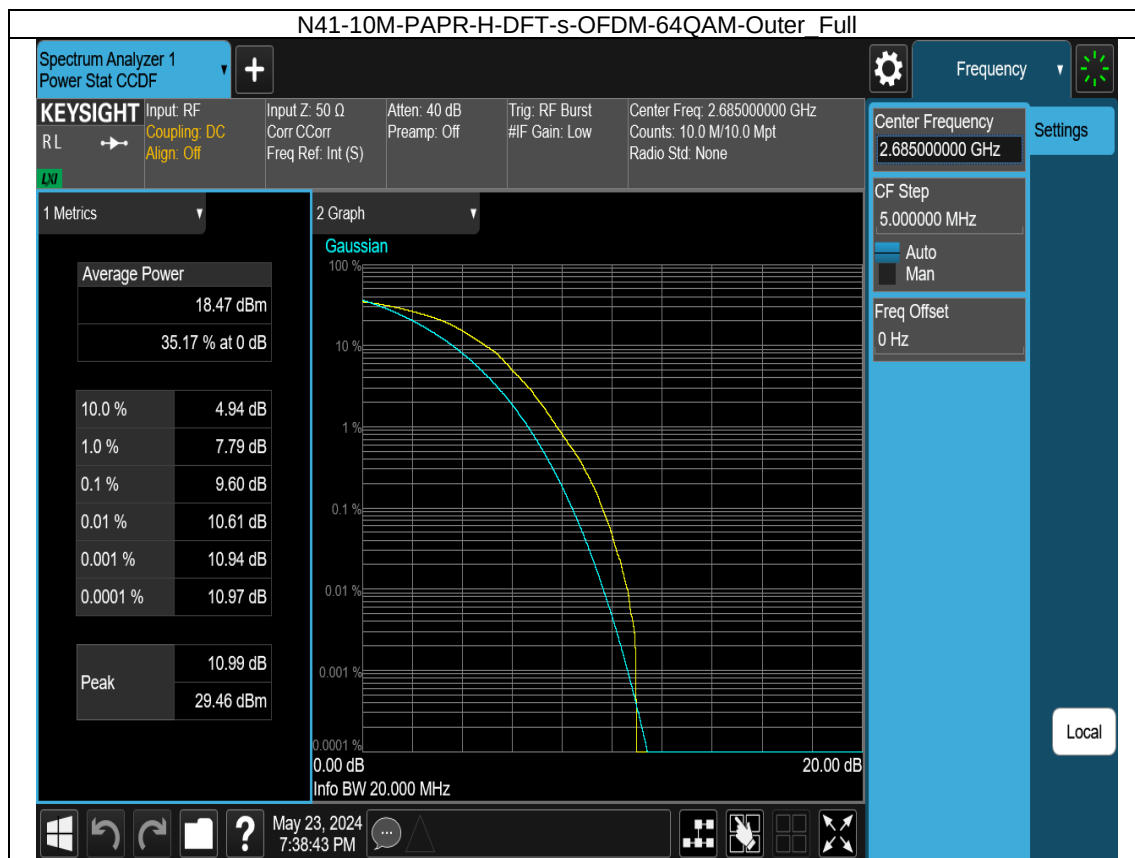


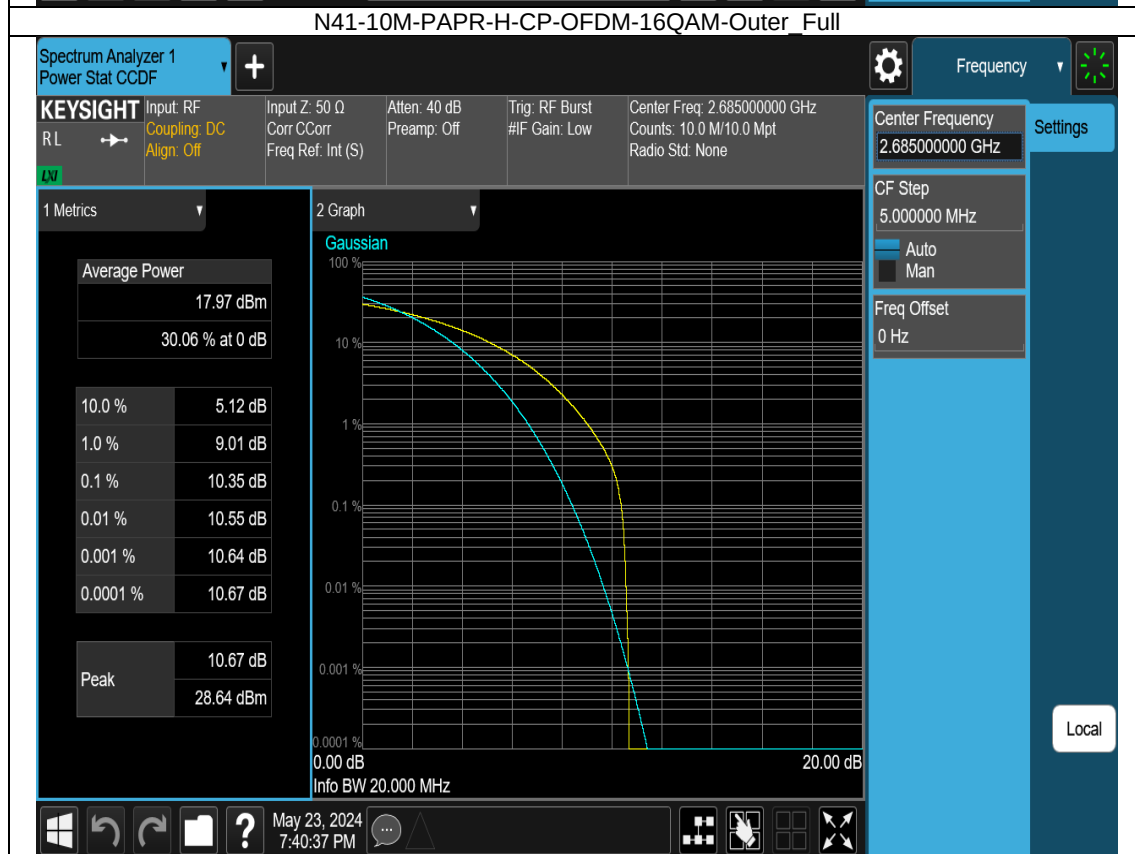
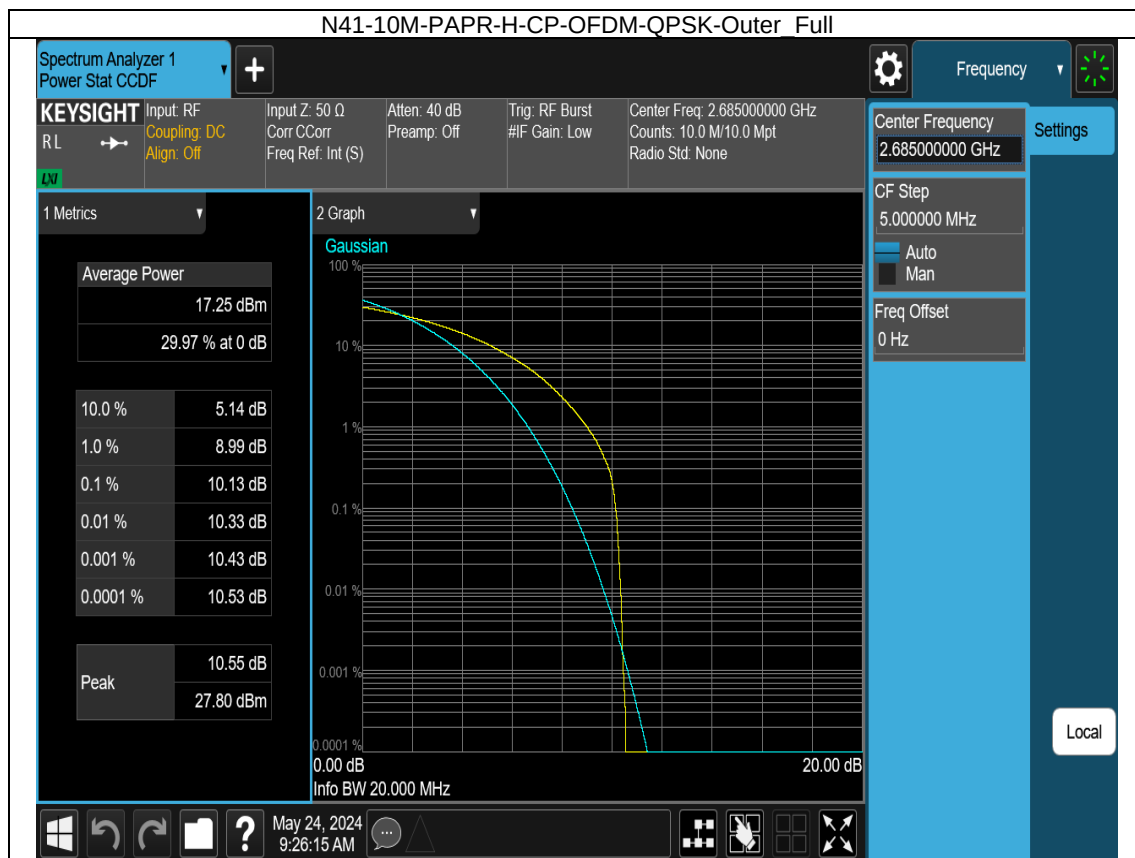
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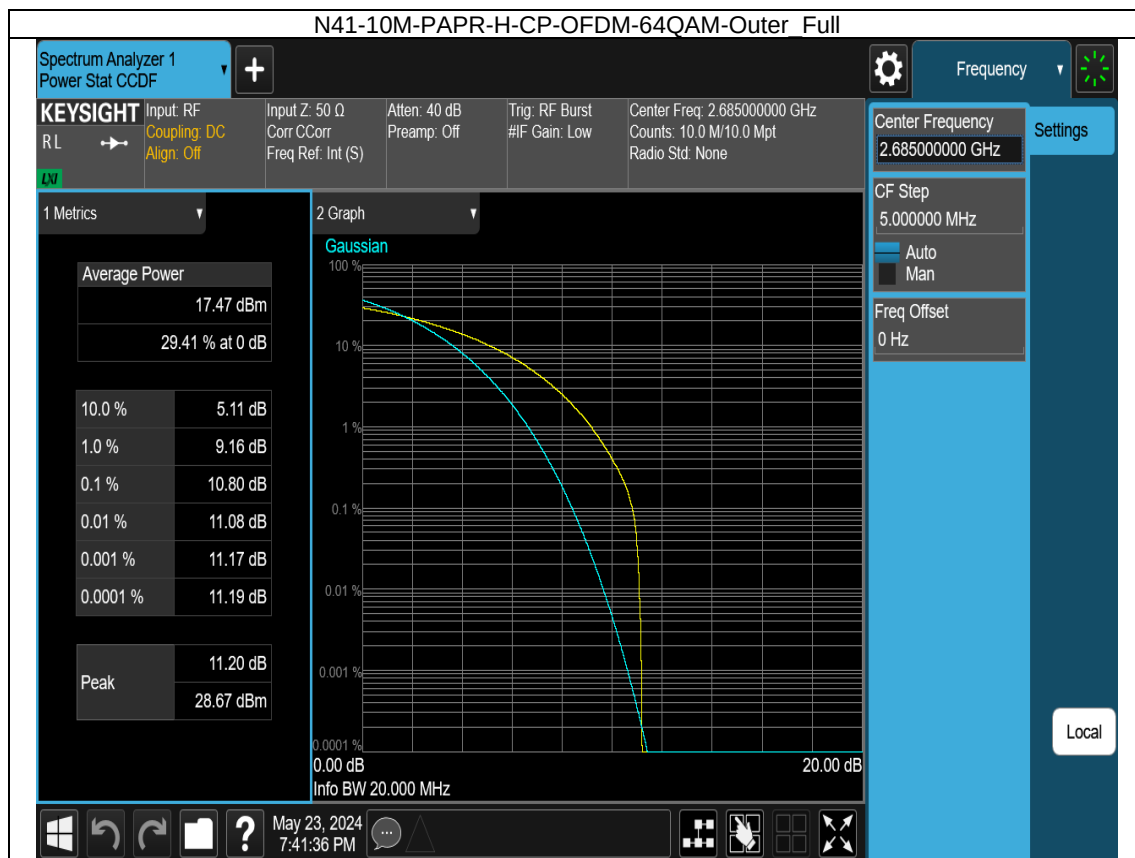


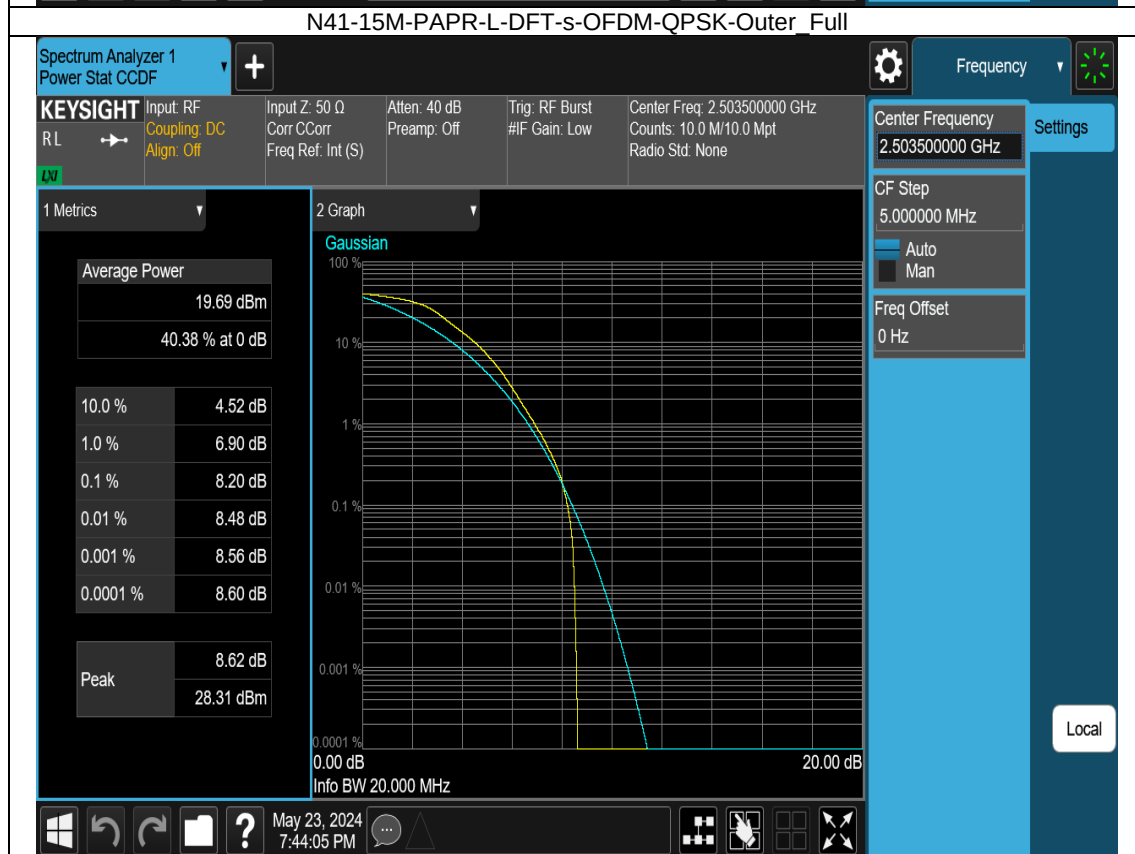
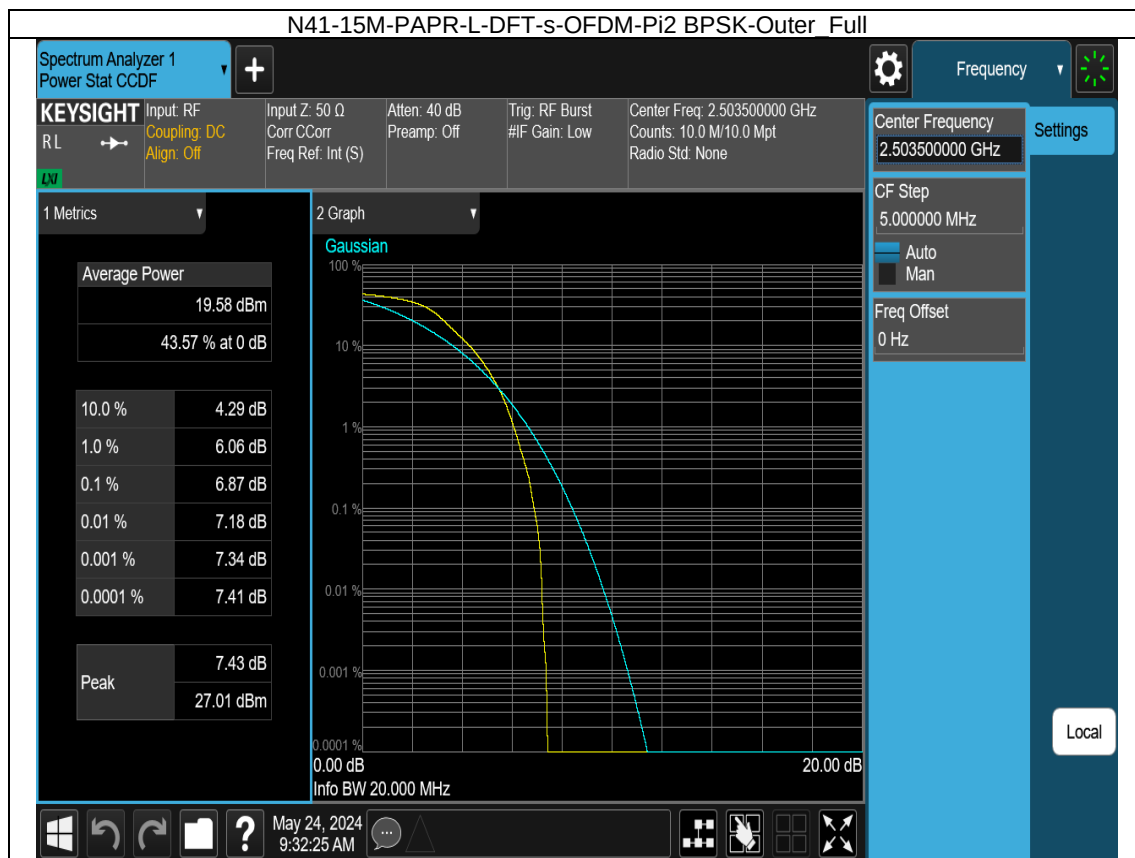
N41-10M-PAPR-H-DFT-s-OFDM-16QAM-Outer Full

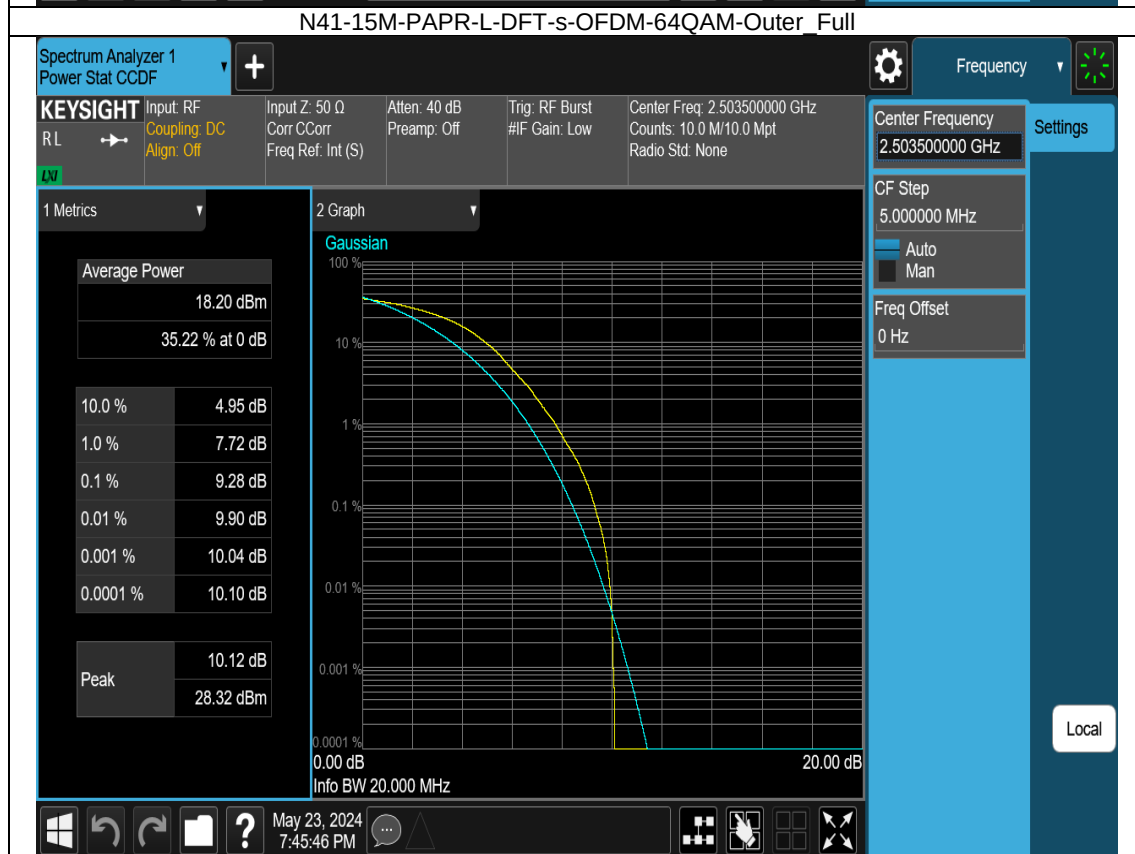


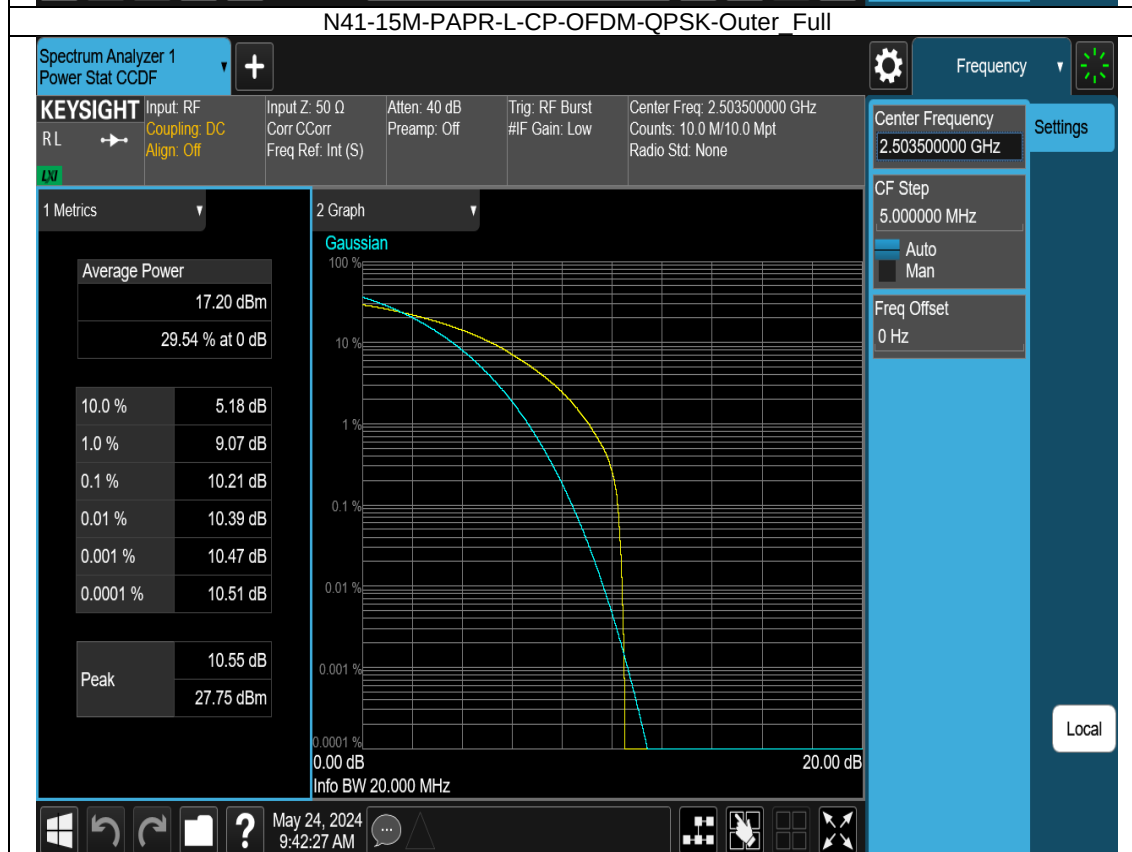
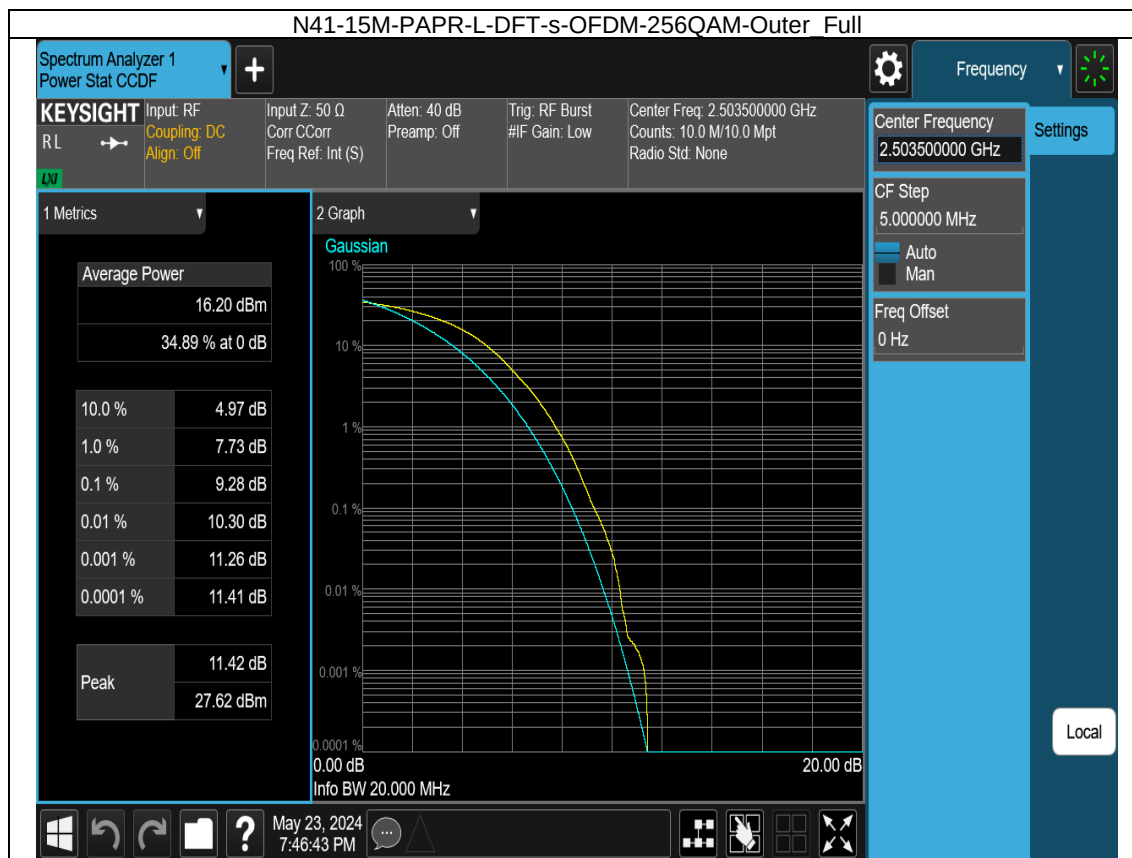














N41-15M-PAPR-L-CP-OFDM-256QAM-Outer Full



N41-15M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer Full



