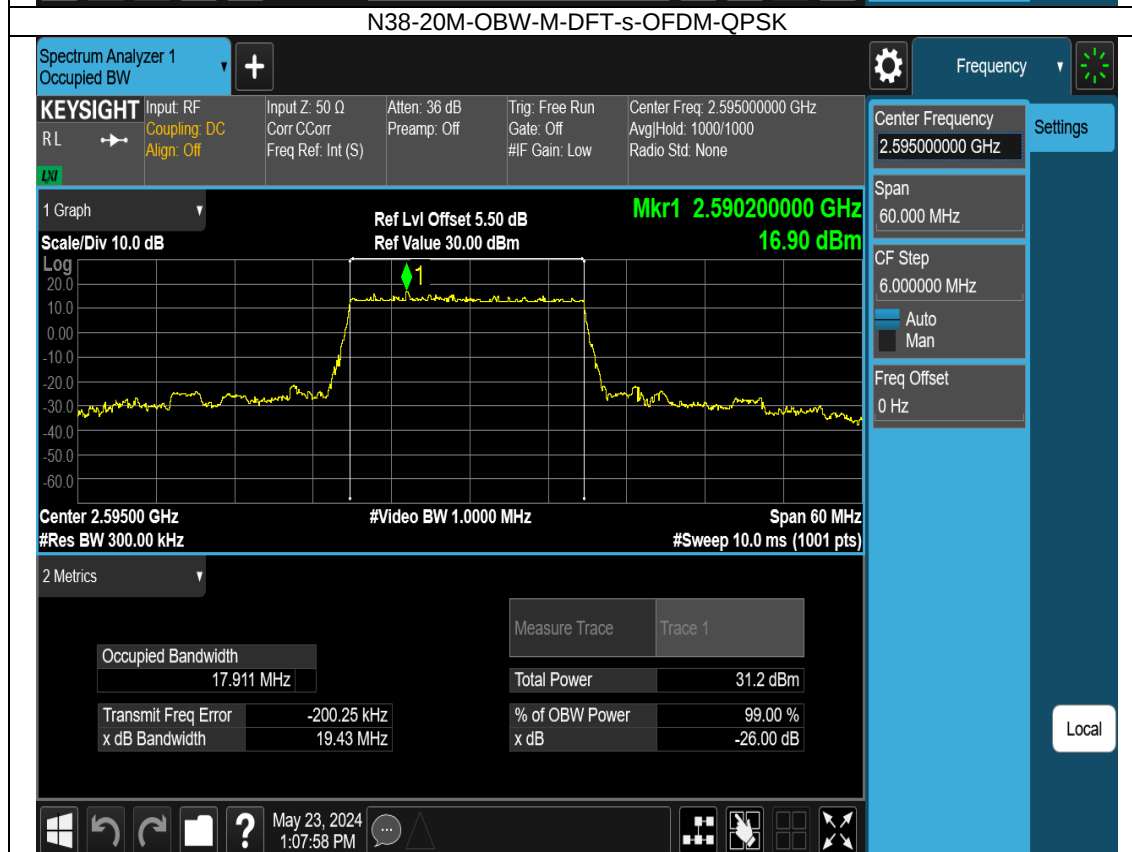
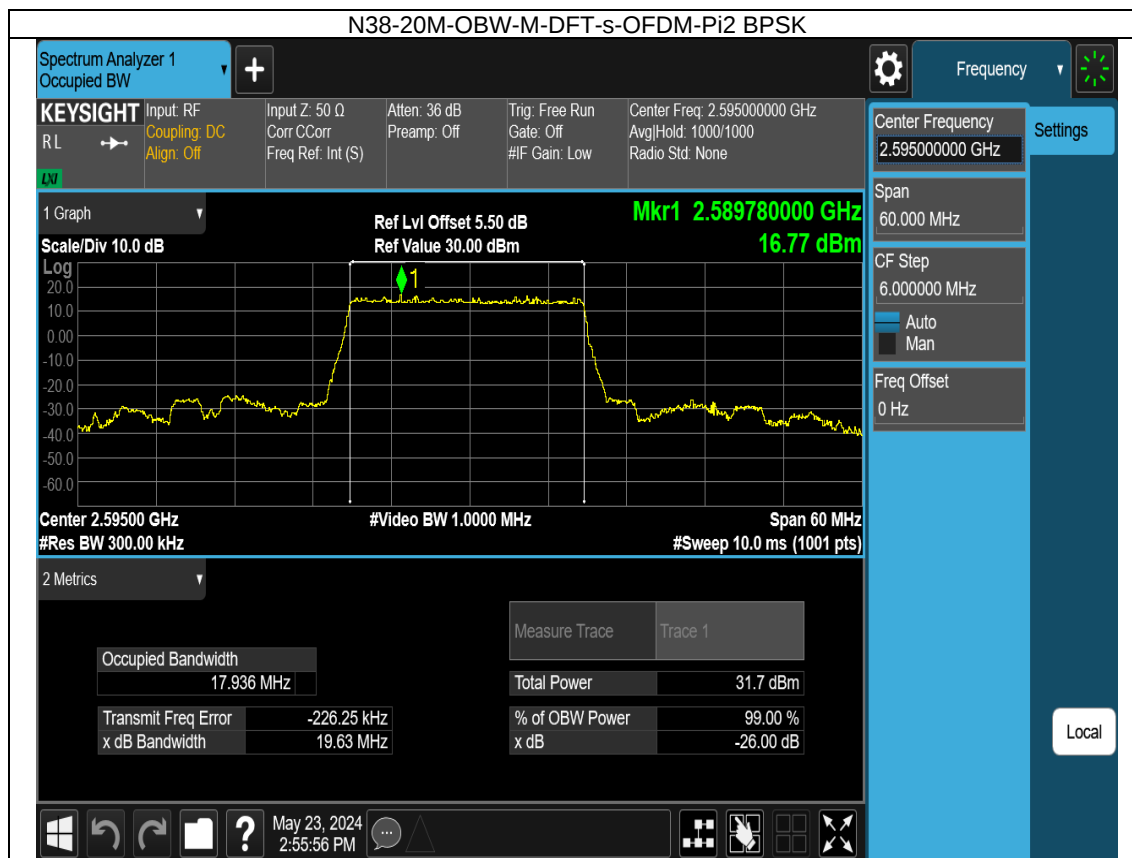
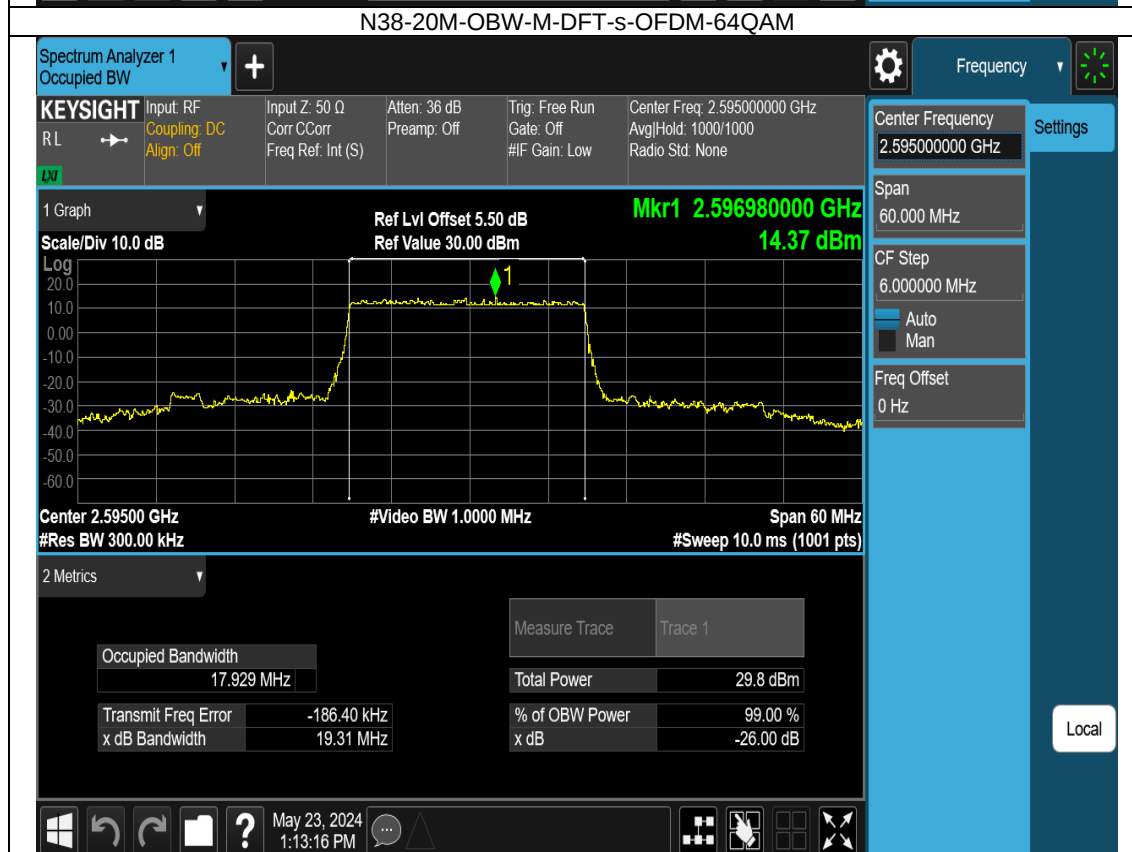
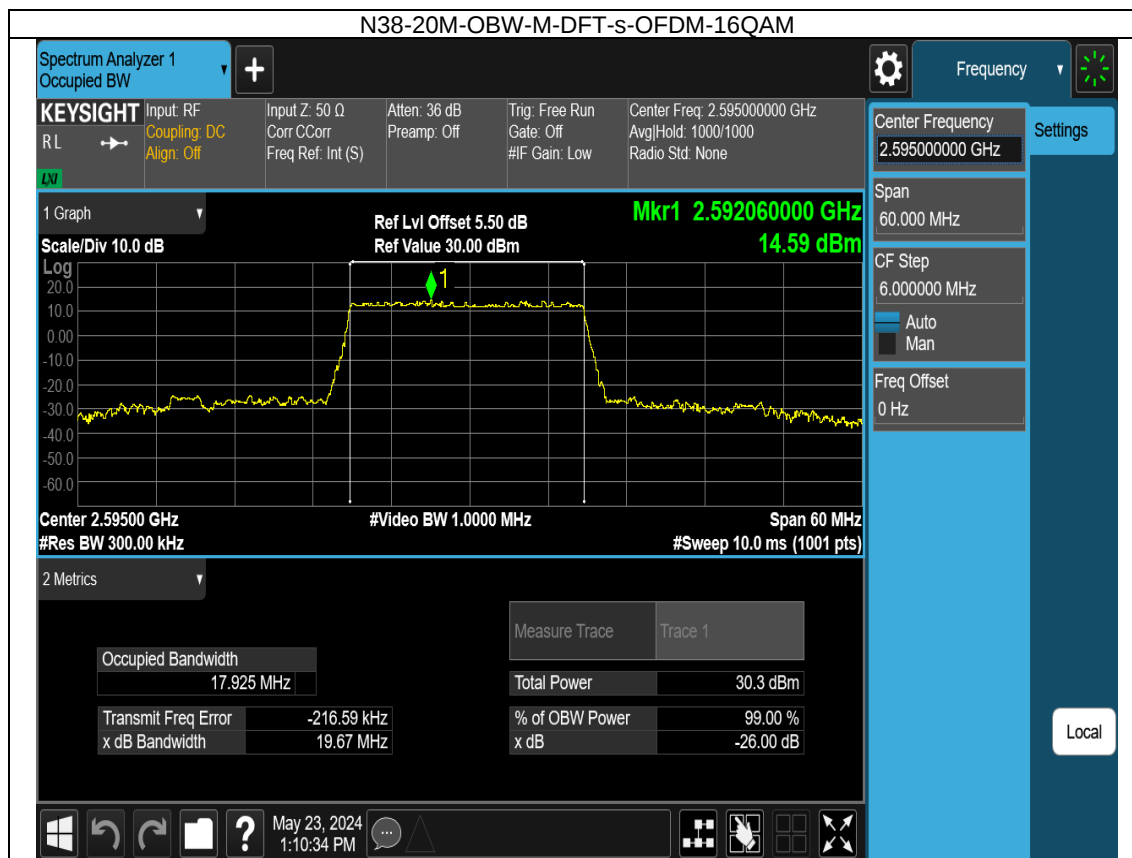
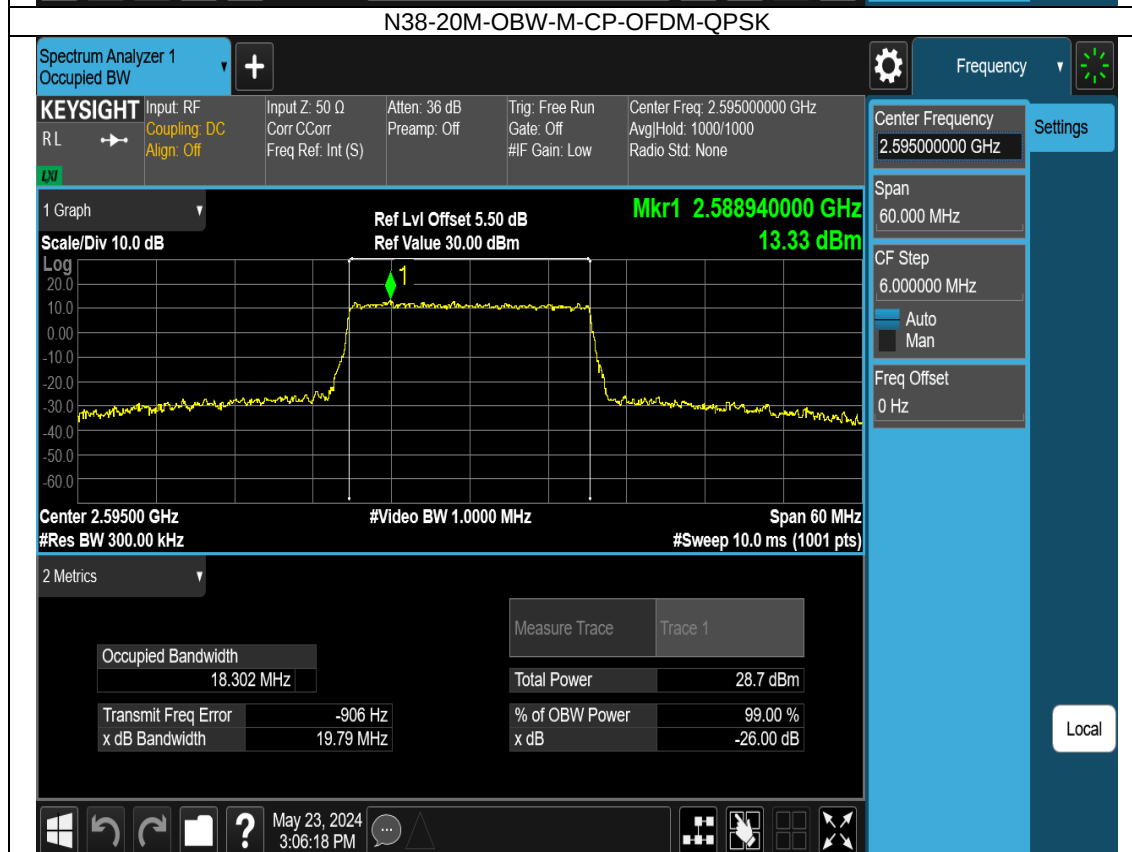
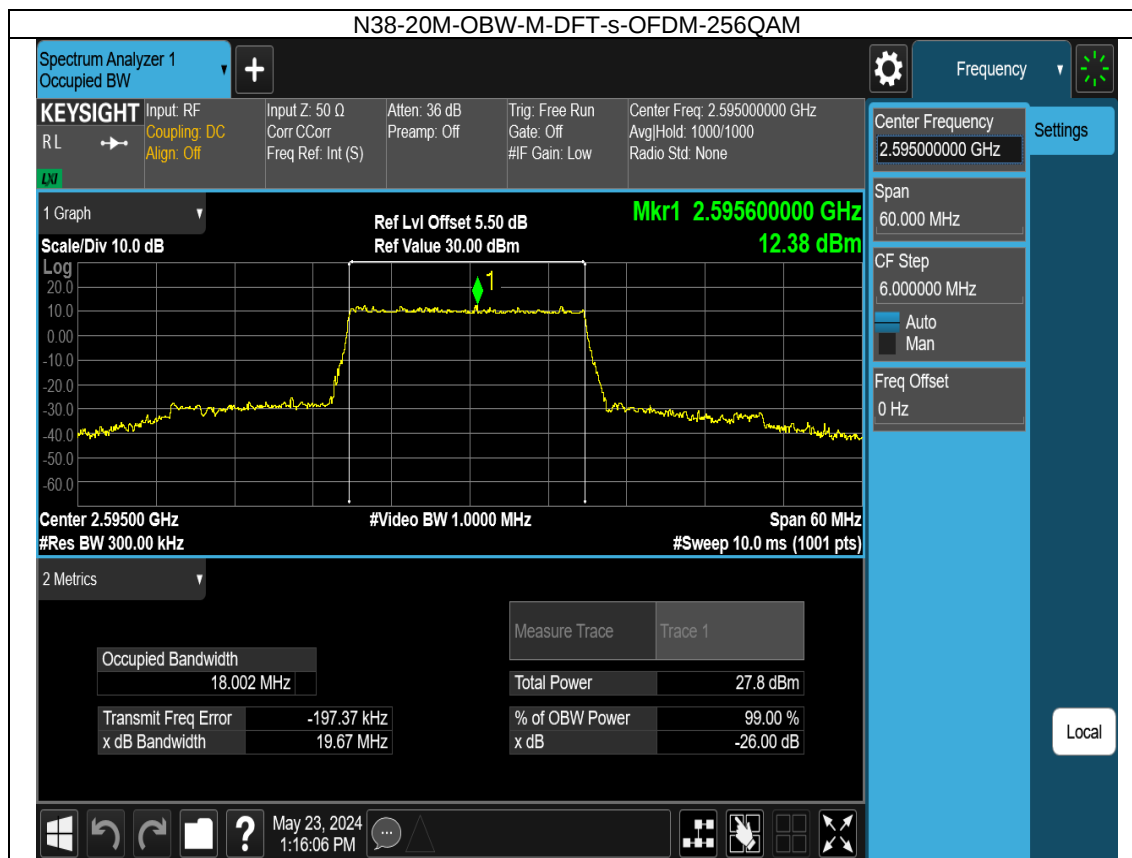
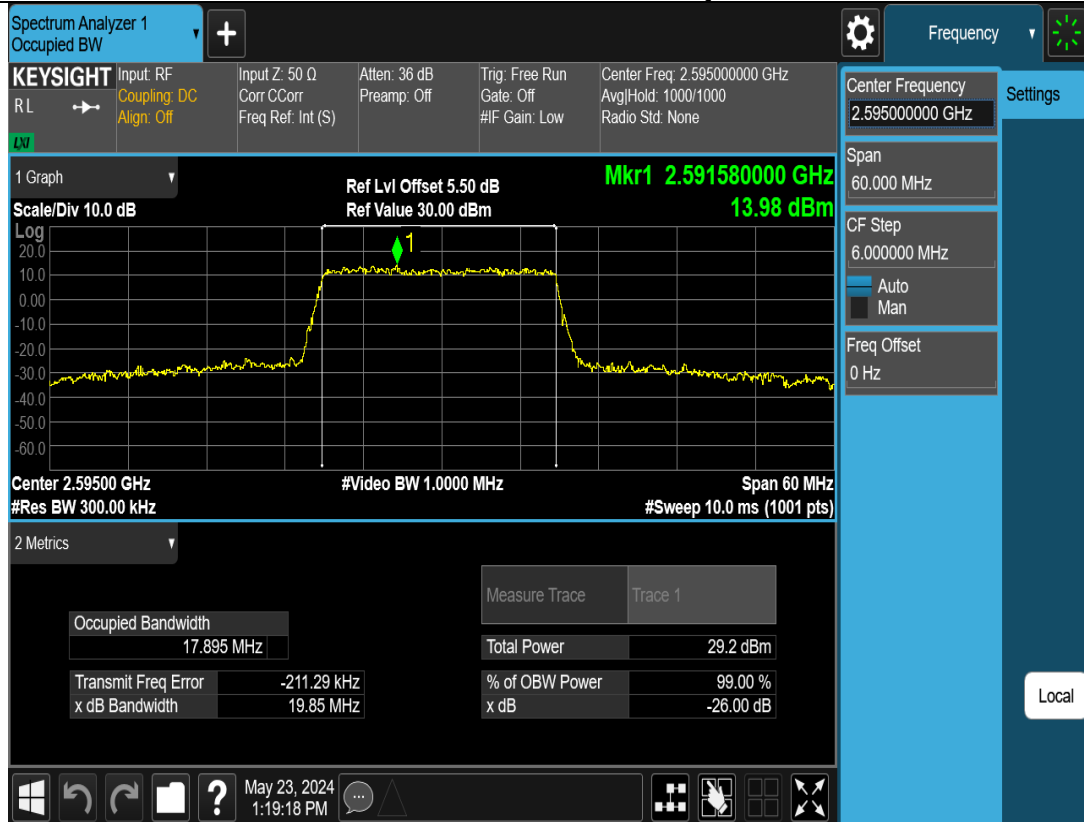




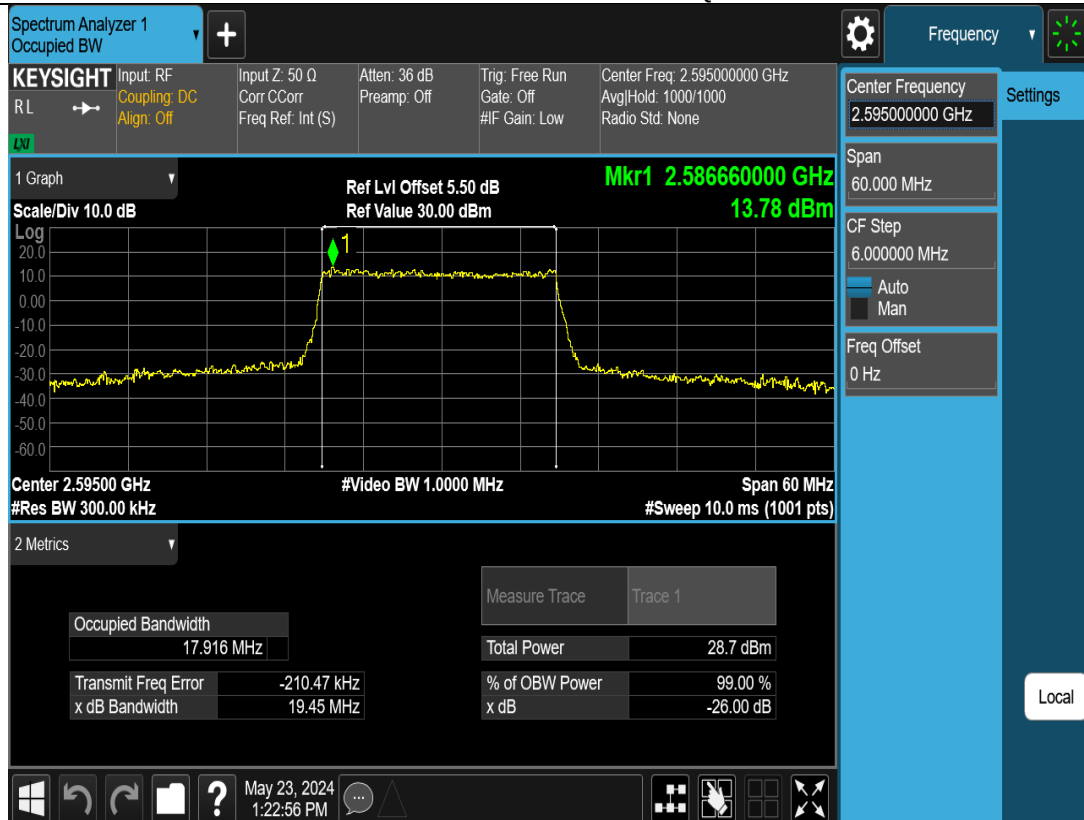




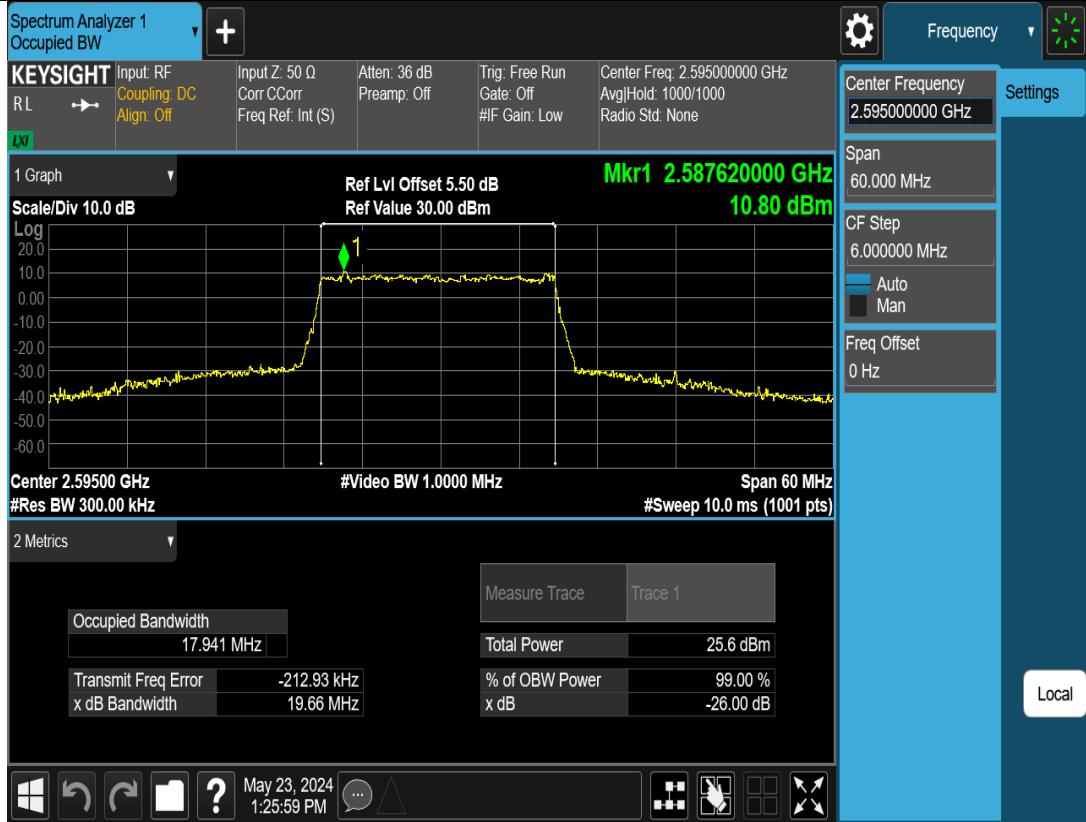
N38-20M-OBW-M-CP-OFDM-16QAM



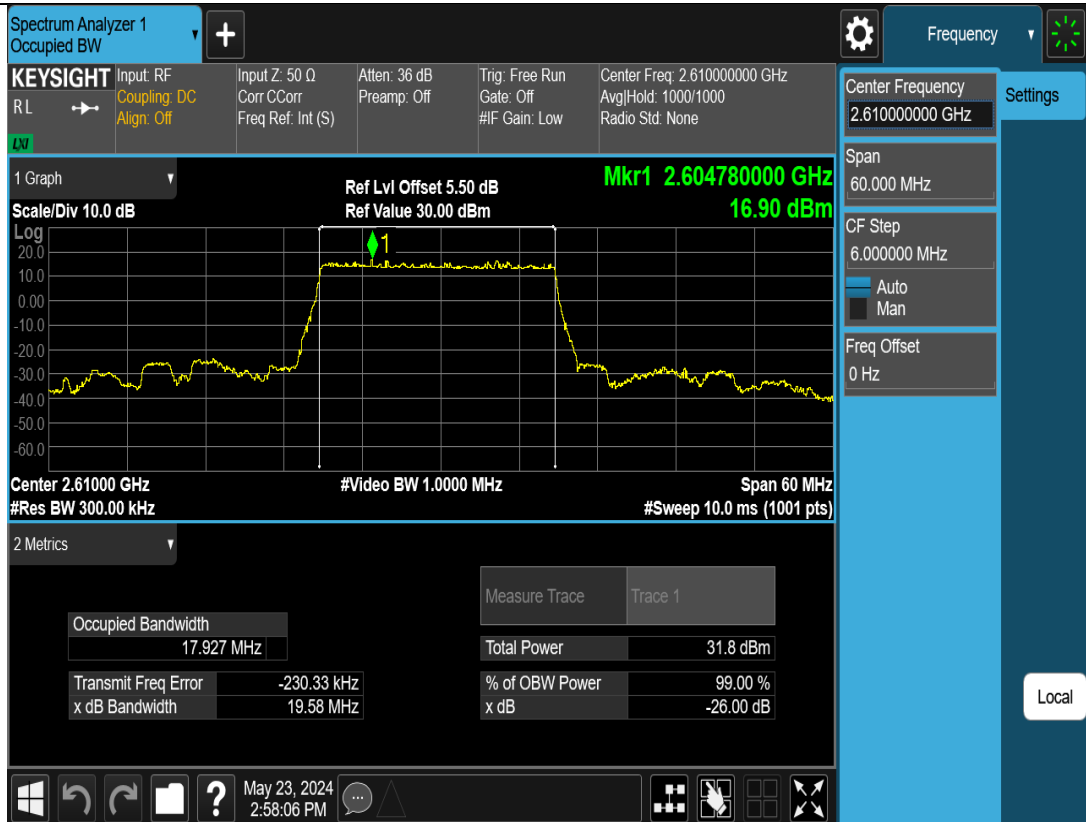
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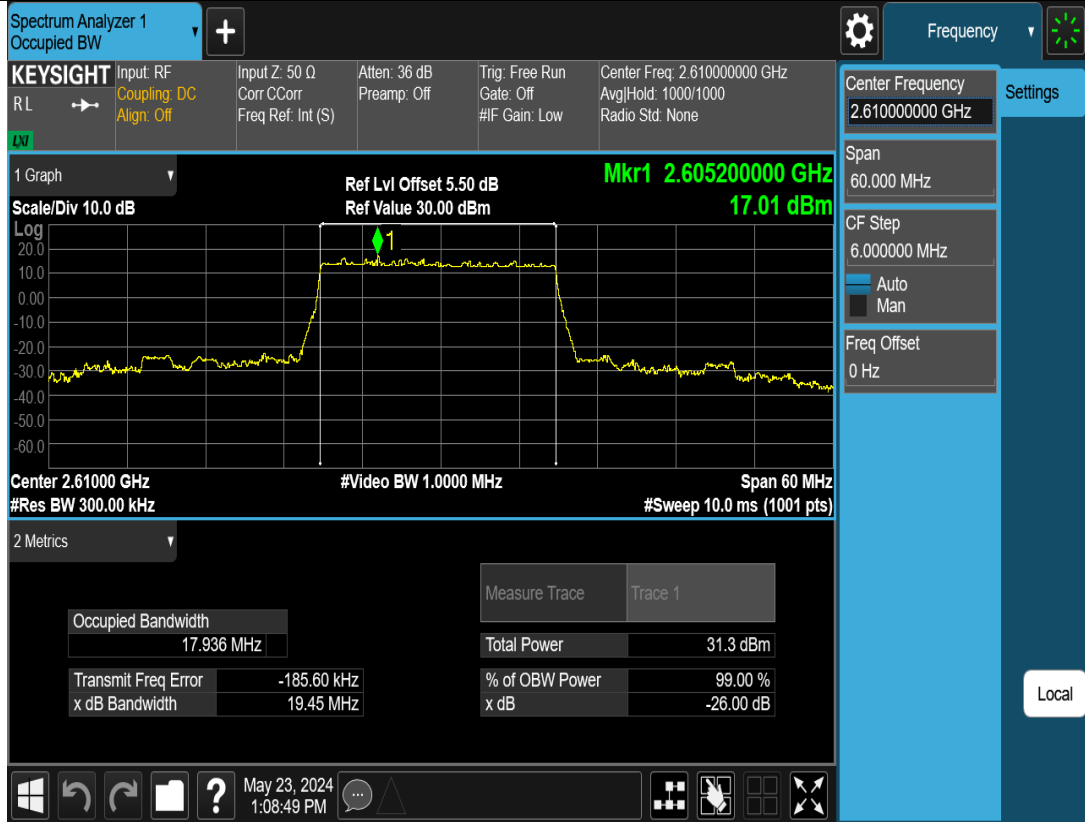
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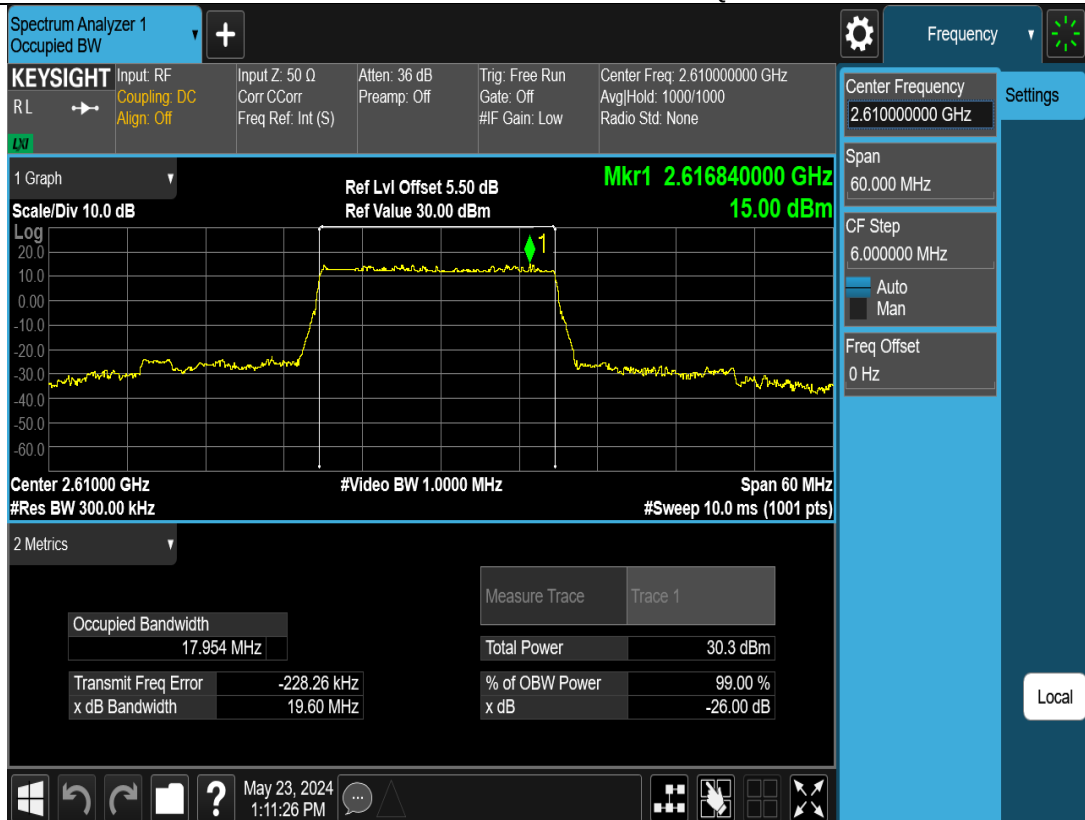
N38-20M-OBW-H-DFT-s-OFDM-Pi2 BPSK



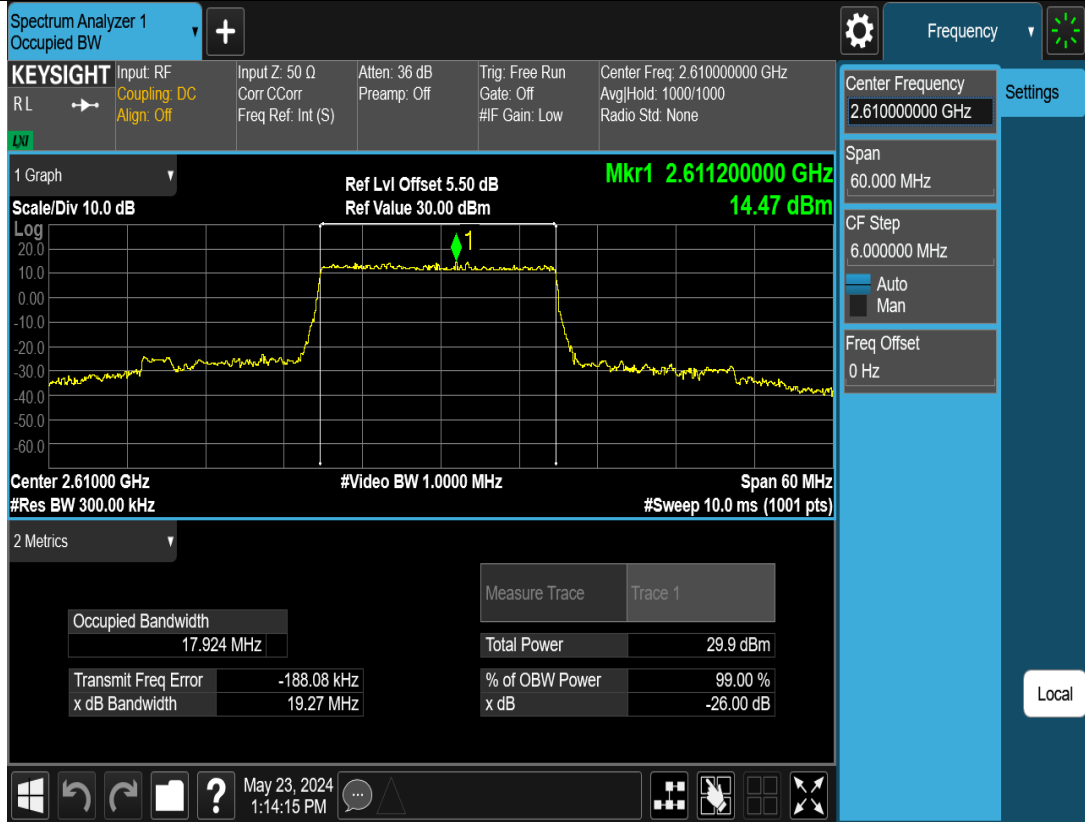
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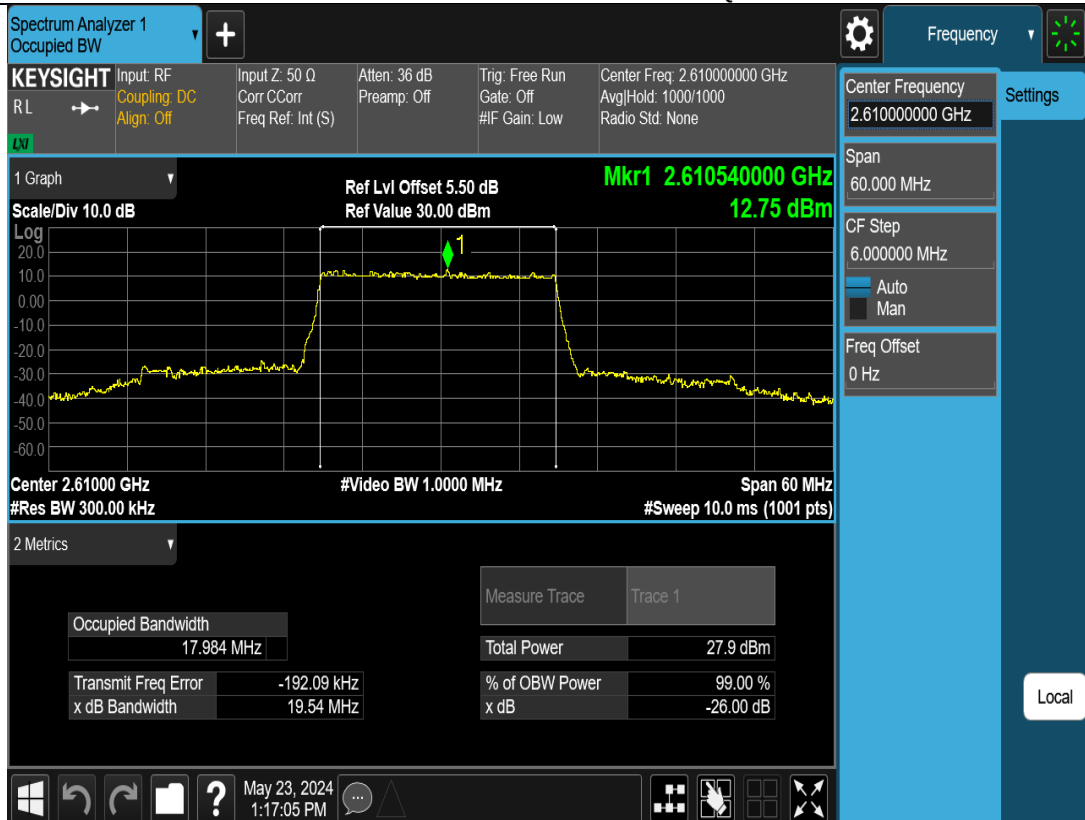
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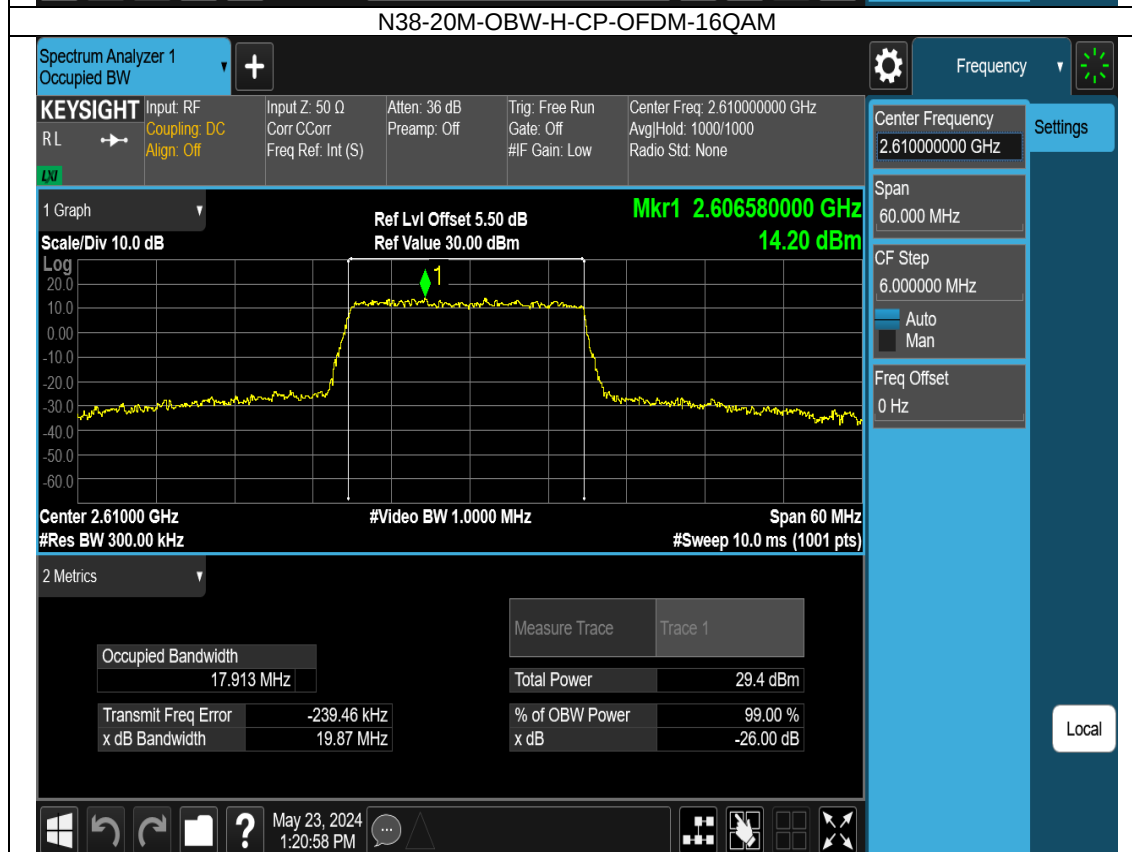
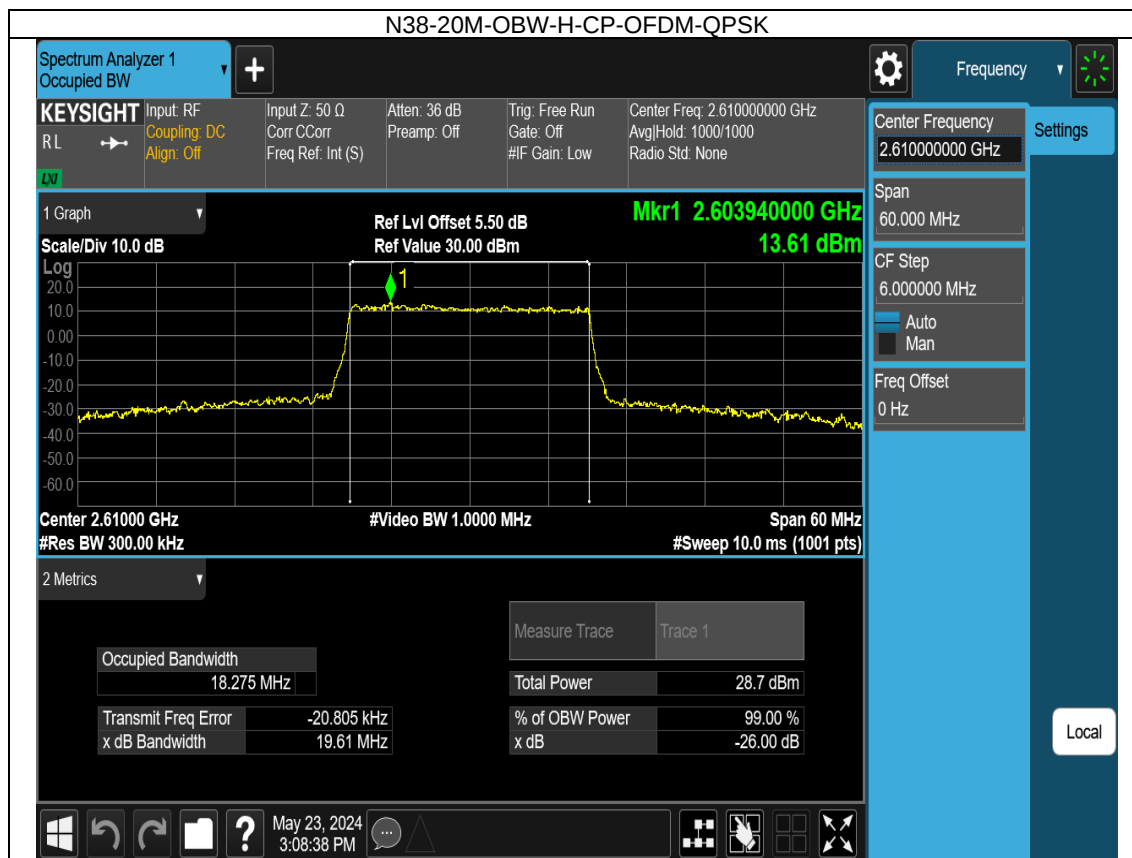


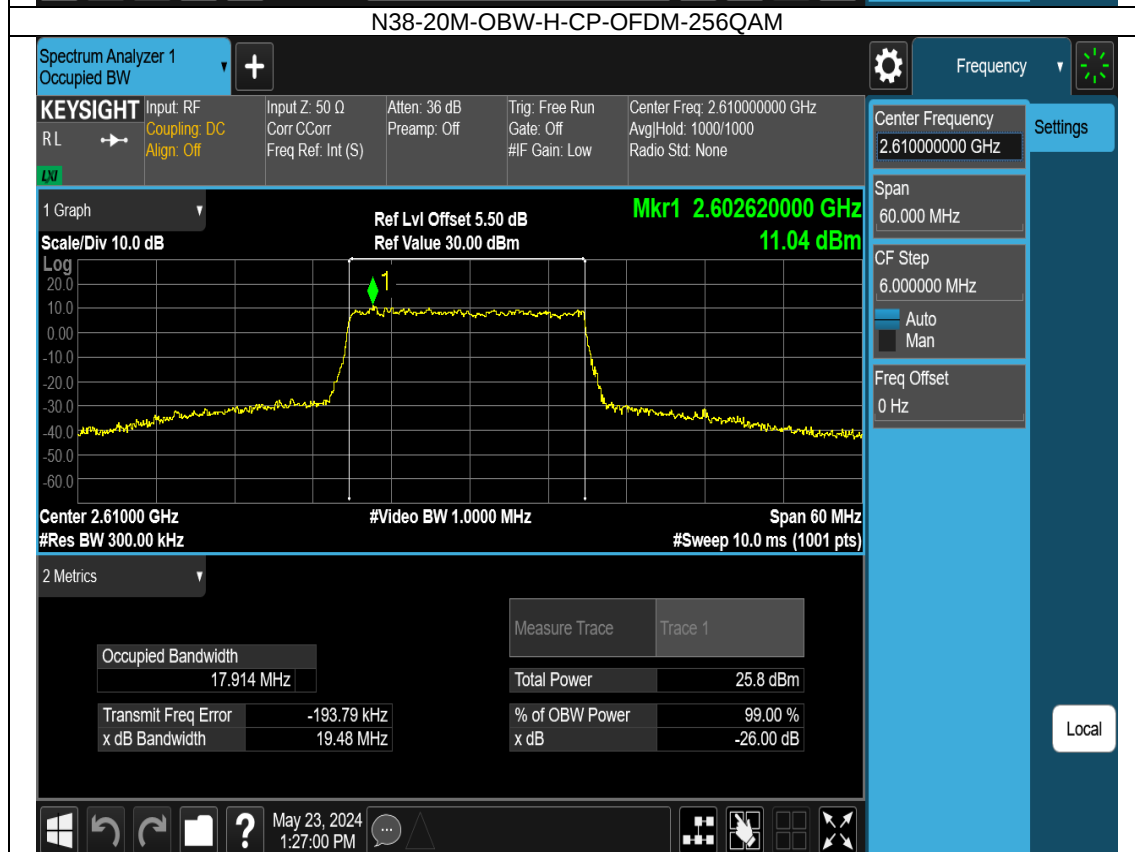
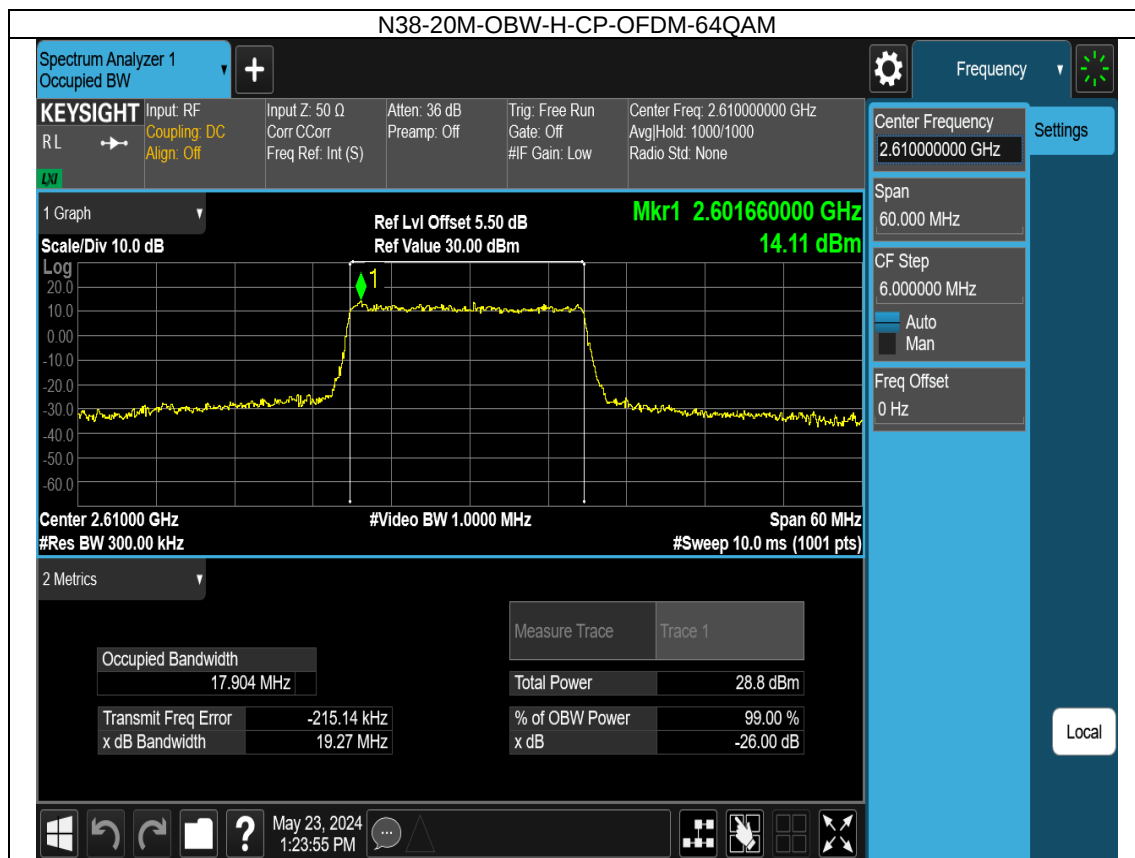
N38-20M-OBW-H-DFT-s-OFDM-64QAM



N38-20M-OBW-H-DFT-s-OFDM-256QAM







Peak-Average Ratio

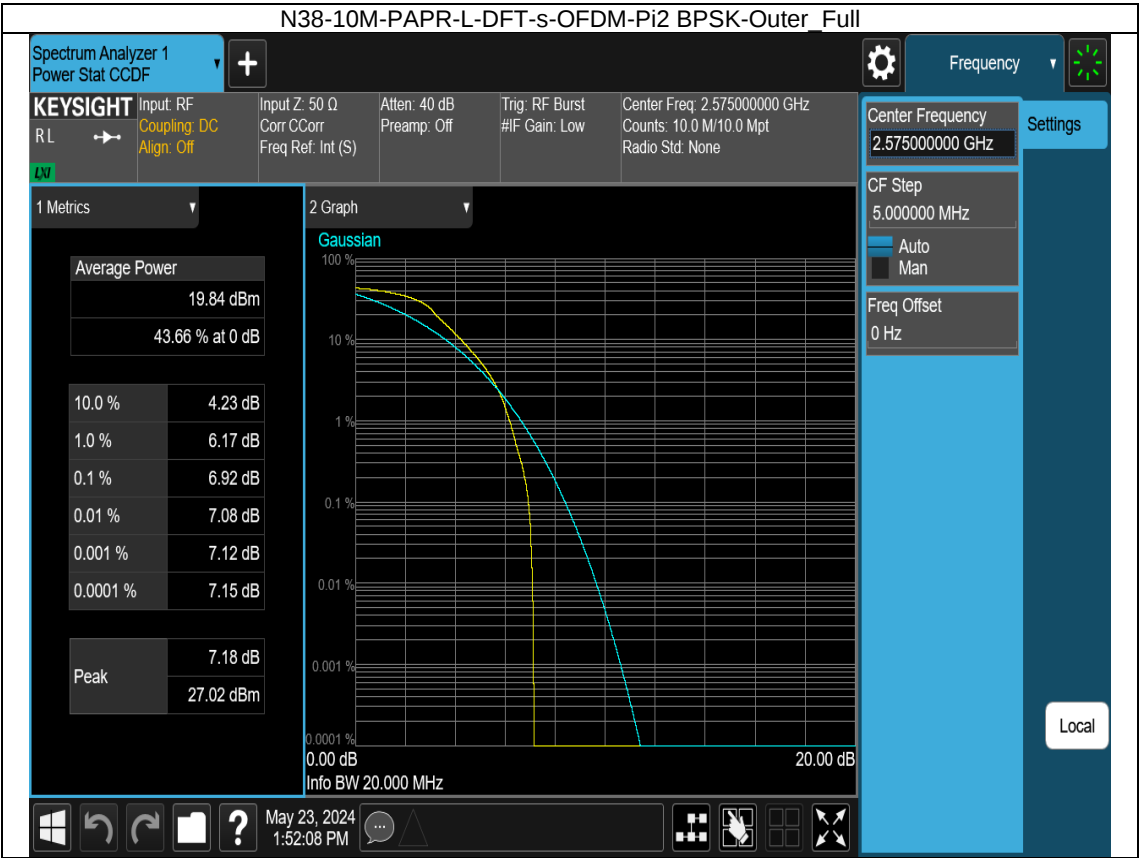
Test Result

5G NR n38 SCS=30kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	6.92	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.28	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.04	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.02	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.02	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.01	<=13	Pass
CP-OFDM 16QAM		Outer_Full	9.99	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.01	<=13	Pass
CP-OFDM 256QAM		Outer_Full	10.01	<=13	Pass
DFT-s-OFDM PI/2 BPSK		Outer_Full	7.20	<=13	Pass
DFT-s-OFDM QPSK	Middle CH	Outer_Full	8.30	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.95	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.97	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.96	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.50	<=13	Pass
CP-OFDM 16QAM		Outer_Full	9.84	<=13	Pass
CP-OFDM 64QAM		Outer_Full	9.83	<=13	Pass
CP-OFDM 256QAM		Outer_Full	9.78	<=13	Pass
DFT-s-OFDM PI/2 BPSK		Outer_Full	7.15	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.39	<=13	Pass
DFT-s-OFDM 16QAM	High CH	Outer_Full	8.97	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.97	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.97	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.28	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.31	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.31	<=13	Pass
CP-OFDM 256QAM		Outer_Full	10.29	<=13	Pass

5G NR n38 SCS=30kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	7.24	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.49	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.13	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.12	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.53	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.17	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.23	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.54	<=13	Pass
CP-OFDM 256QAM		Outer_Full	10.99	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	7.17	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.41	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.06	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.25	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.50	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.61	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.03	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.46	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.06	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	7.06	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.40	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.05	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.26	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.56	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.51	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.58	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.25	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.09	<=13	Pass

5G NR n38 SCS=30kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	7.26	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.34	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.23	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.30	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.44	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.08	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.18	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.61	<=13	Pass
CP-OFDM 256QAM		Outer_Full	10.96	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	7.20	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.30	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.13	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.27	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.44	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.47	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.63	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.41	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.27	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	7.12	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	8.28	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	9.14	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	9.27	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	9.49	<=13	Pass
CP-OFDM QPSK		Outer_Full	10.35	<=13	Pass
CP-OFDM 16QAM		Outer_Full	10.56	<=13	Pass
CP-OFDM 64QAM		Outer_Full	10.26	<=13	Pass
CP-OFDM 256QAM		Outer_Full	11.36	<=13	Pass

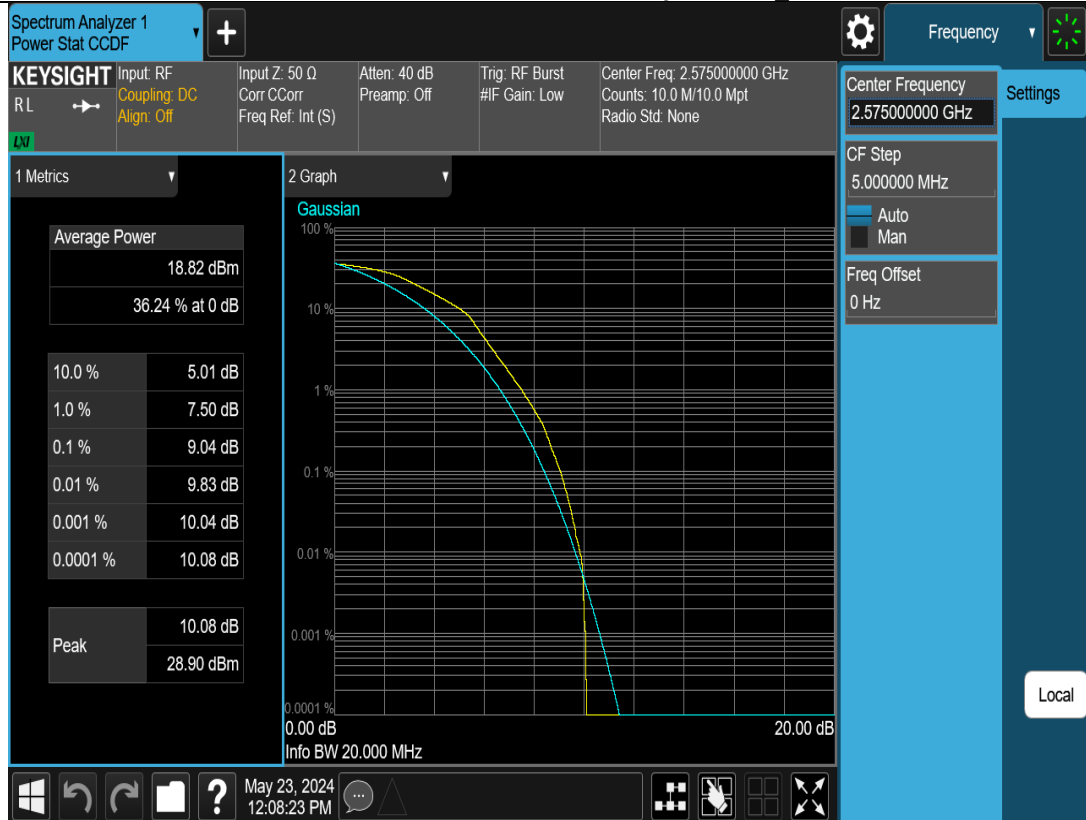
Test Graph

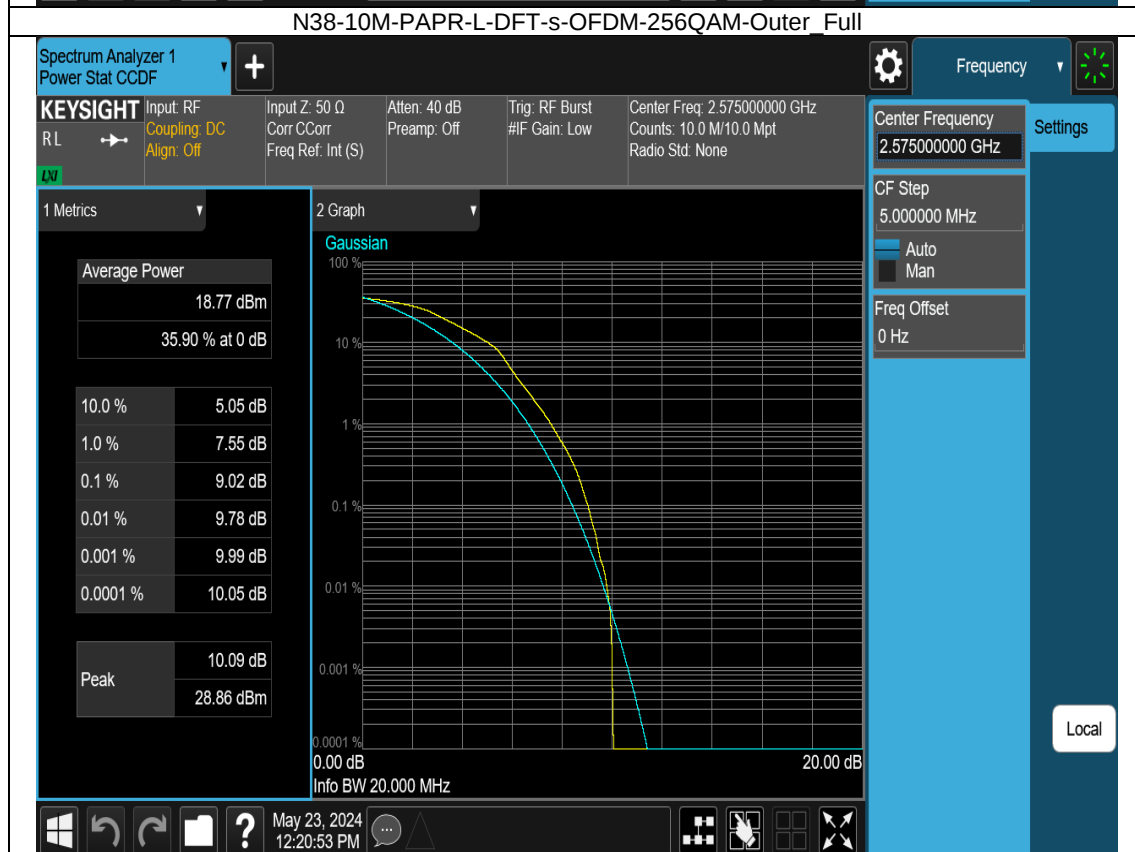
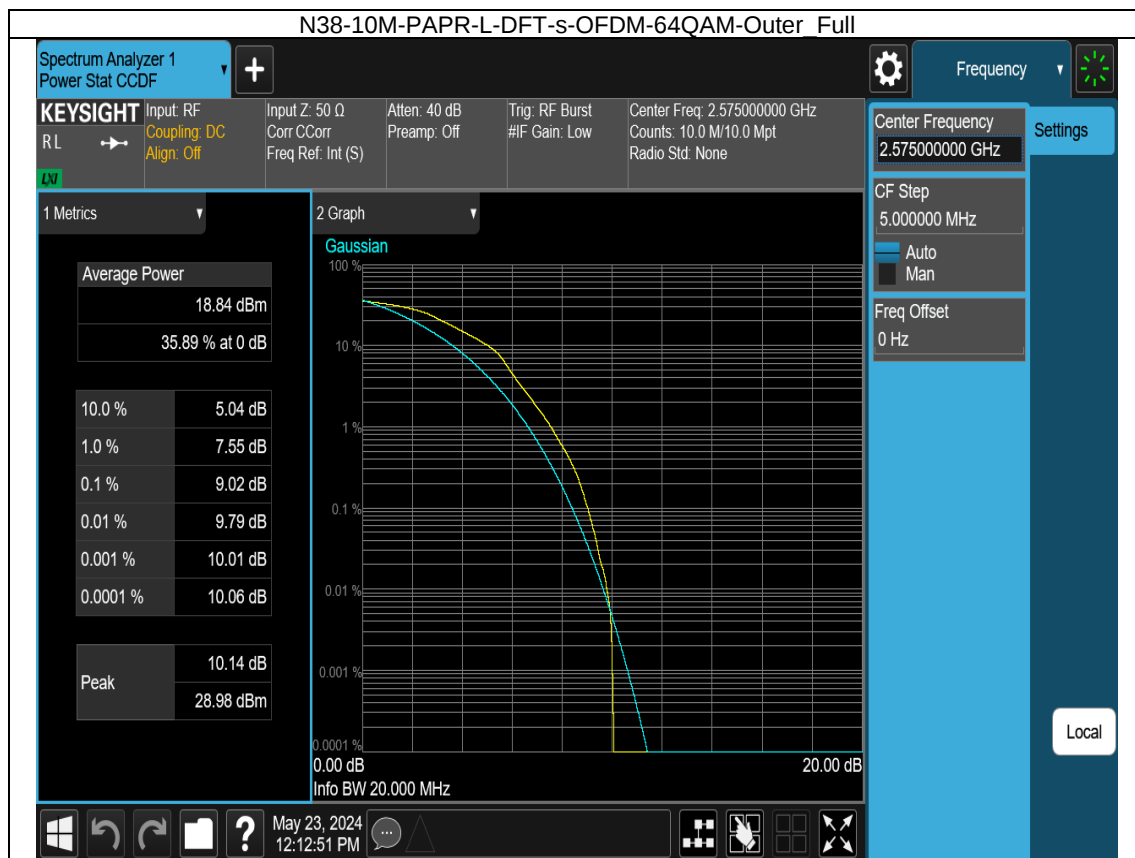


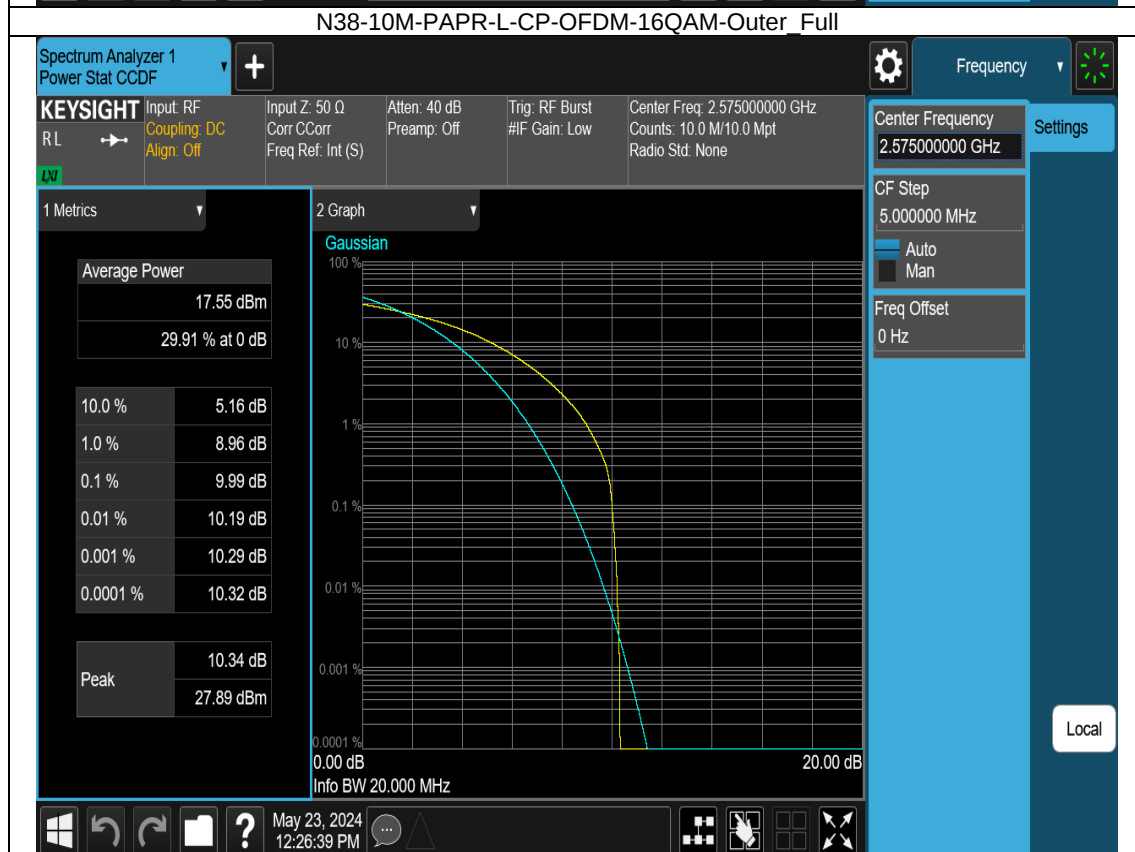
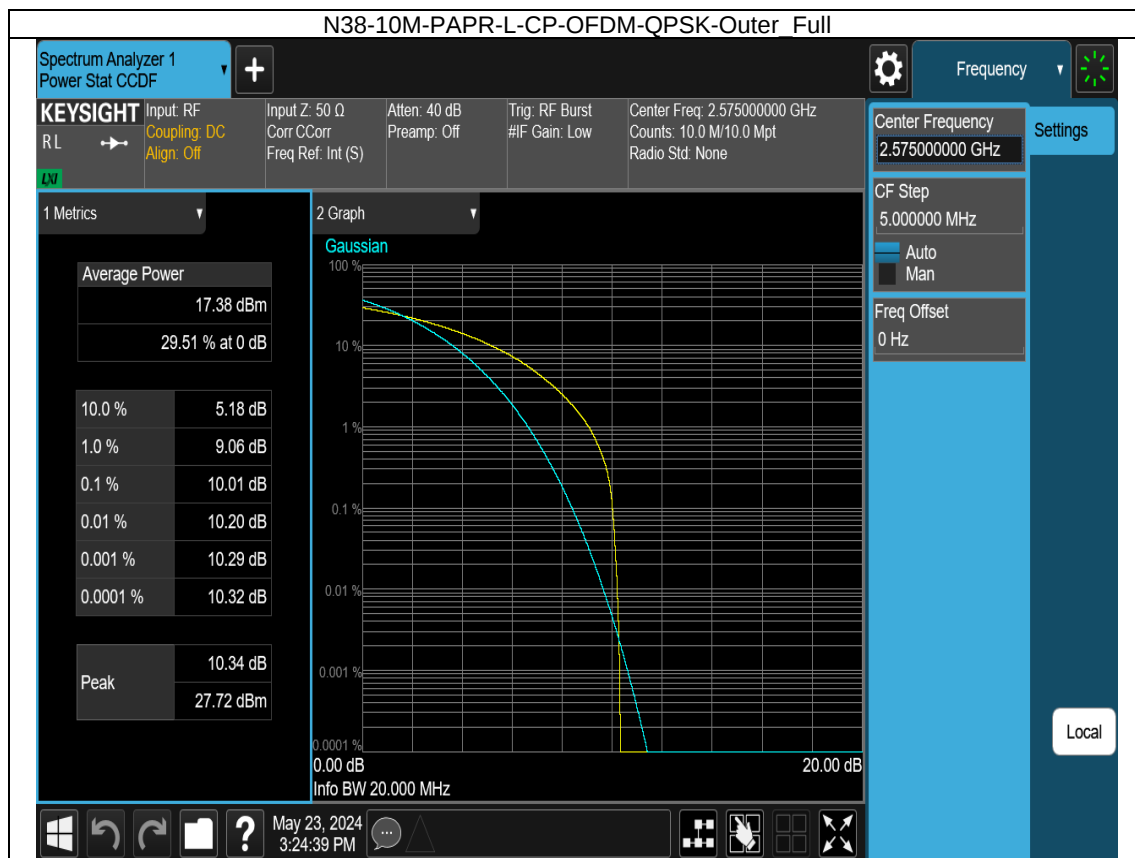
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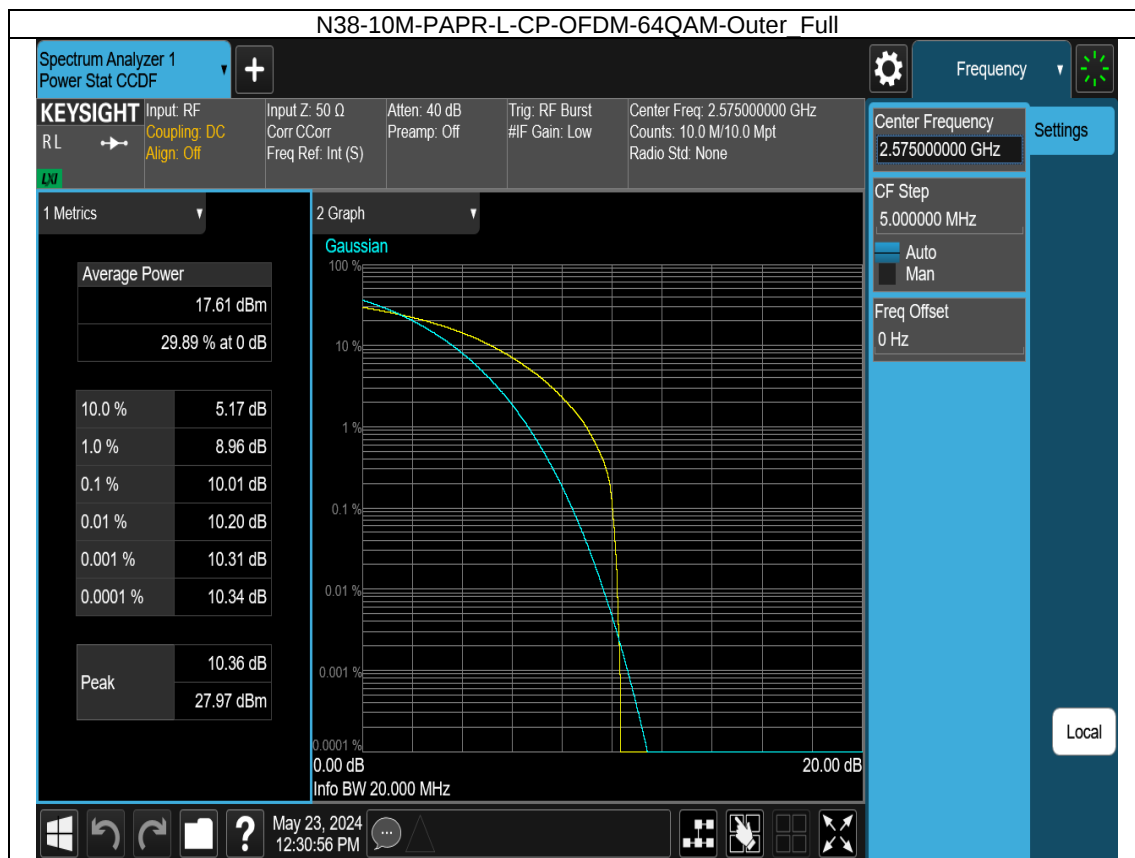


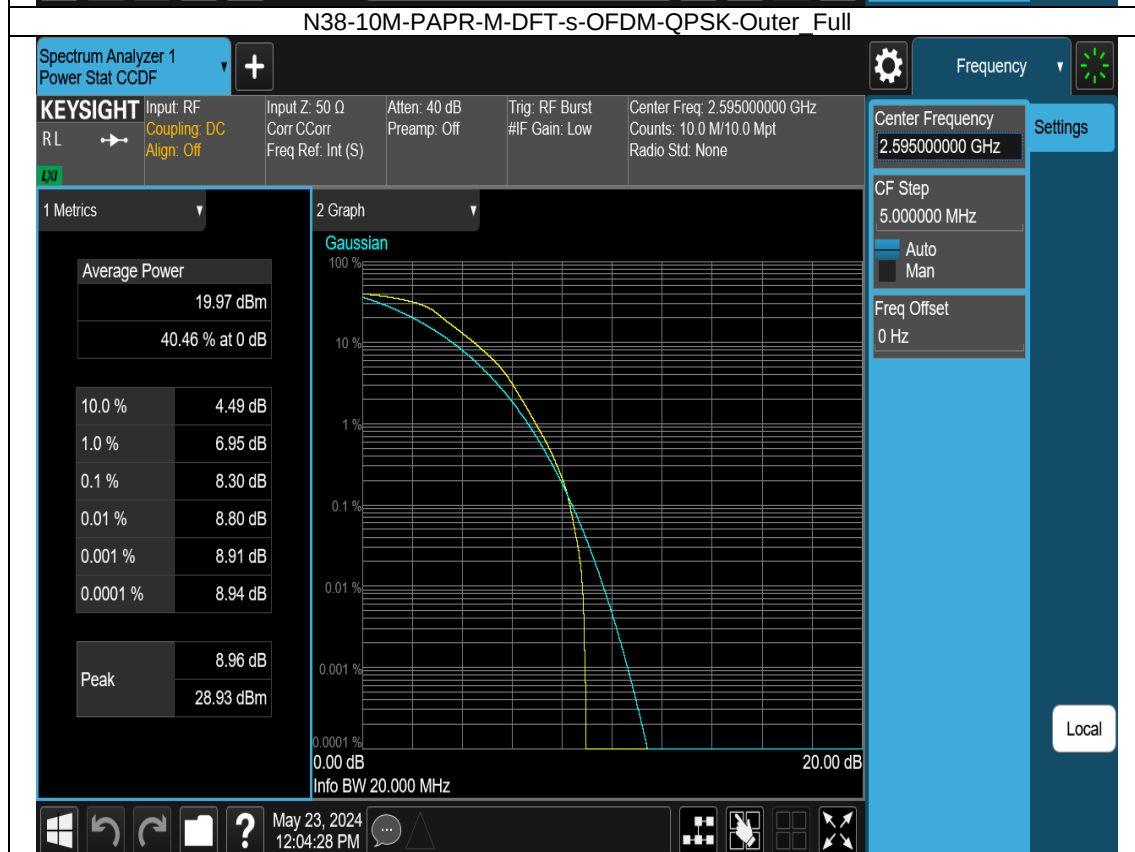
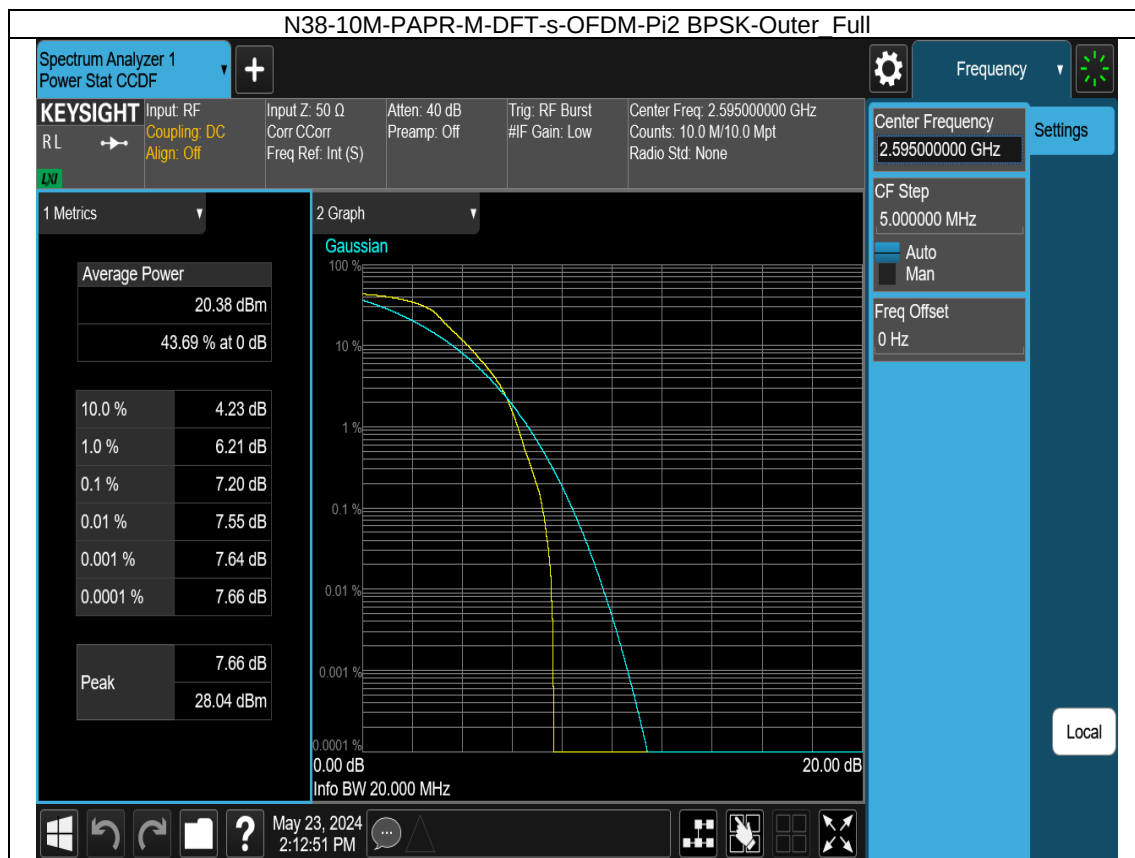
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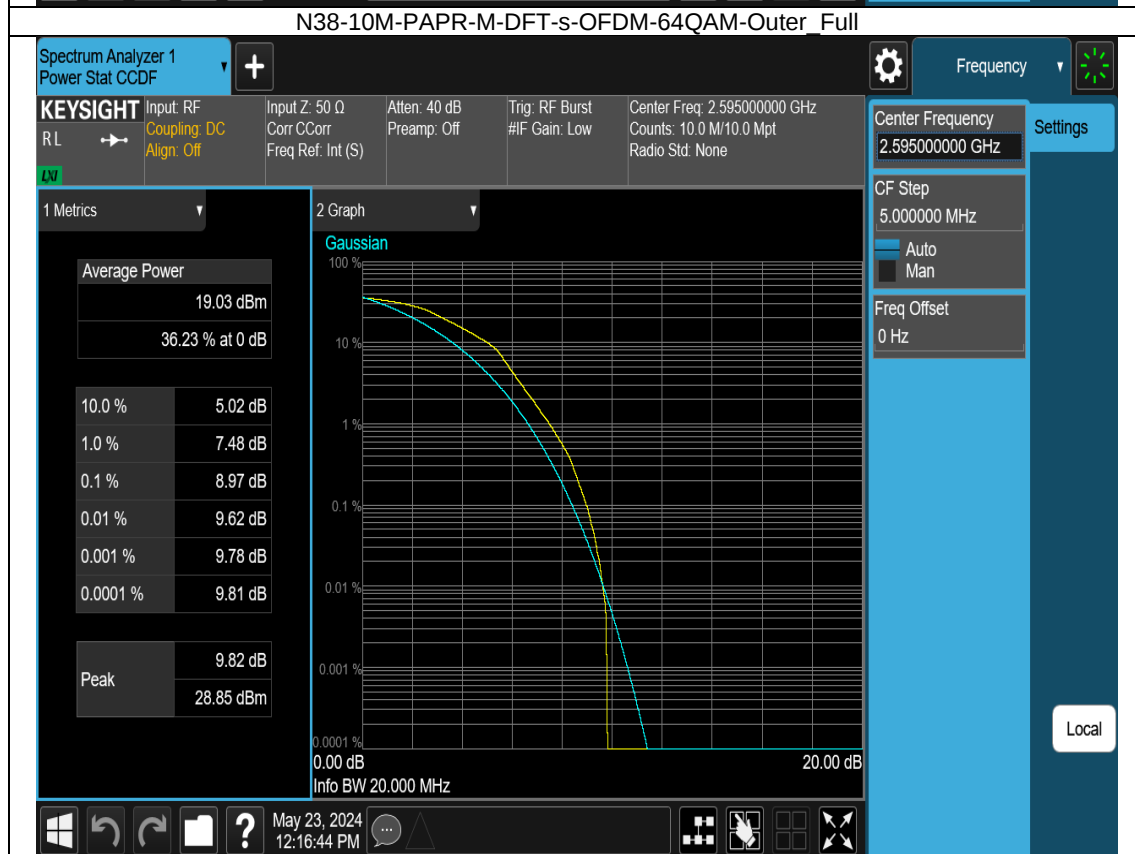
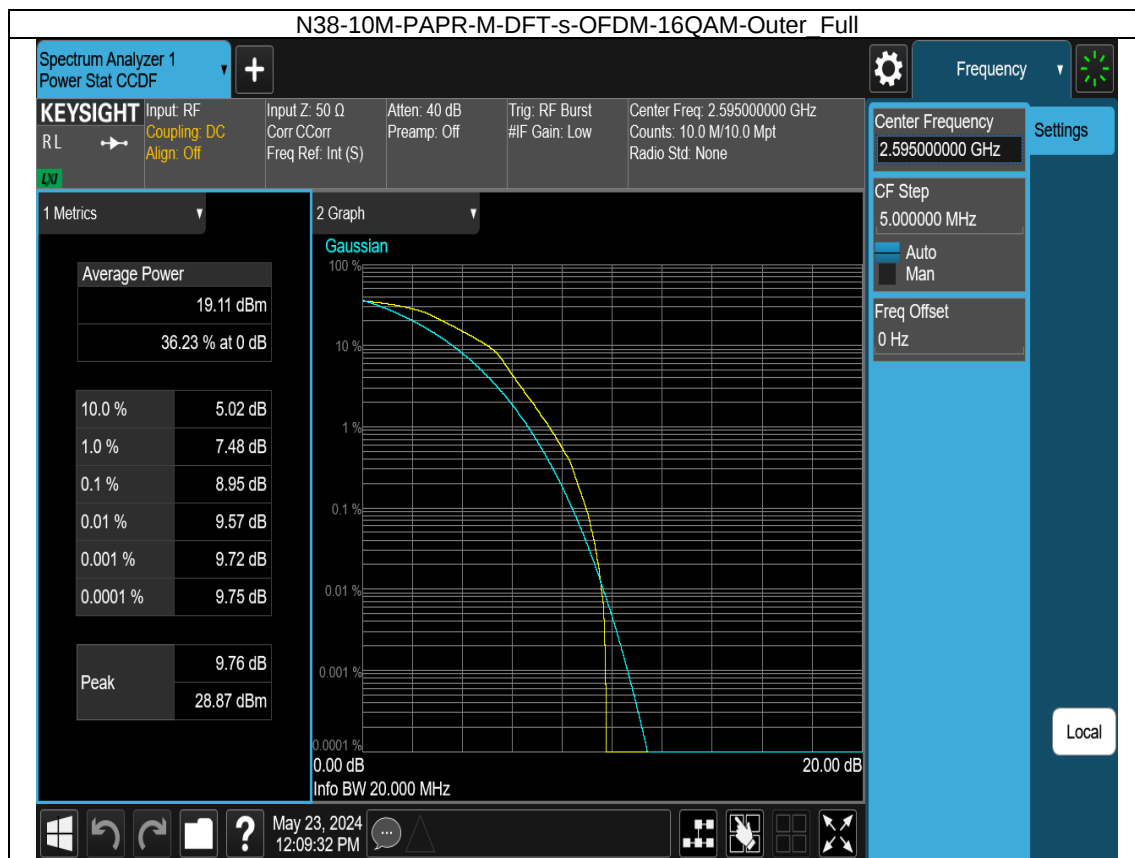


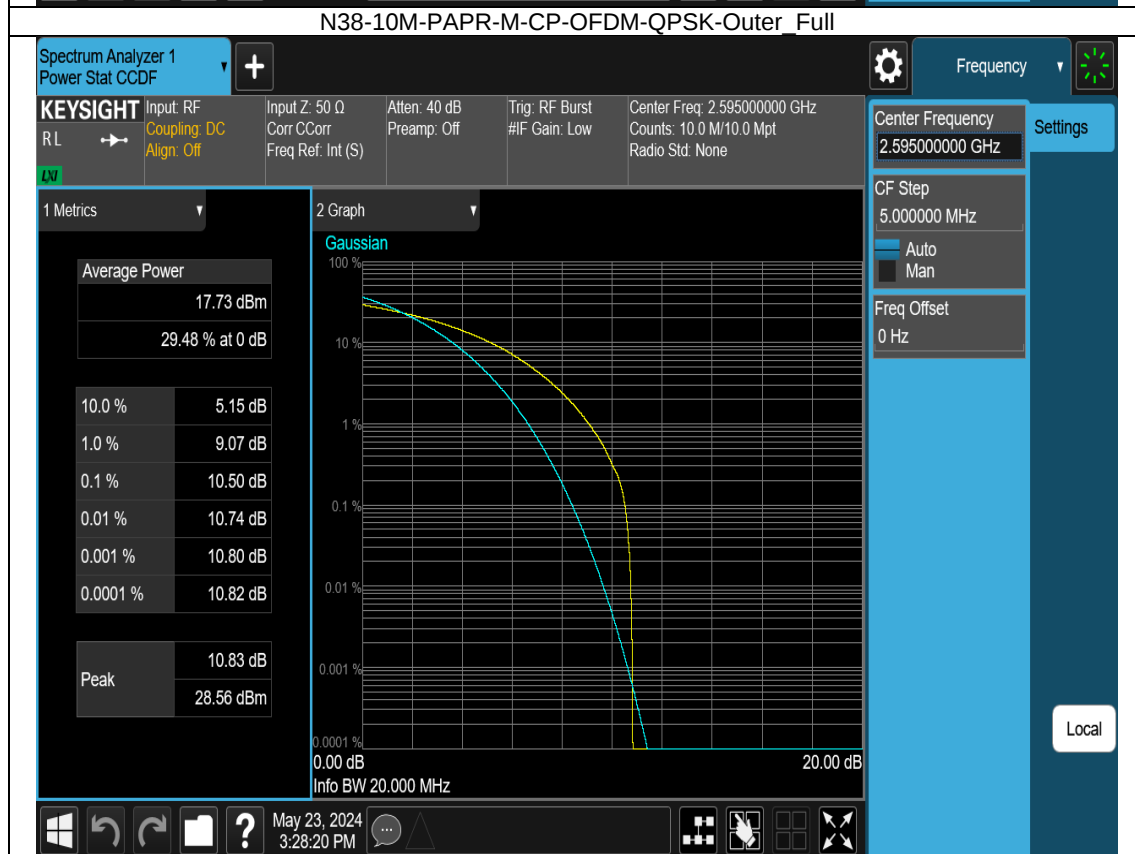
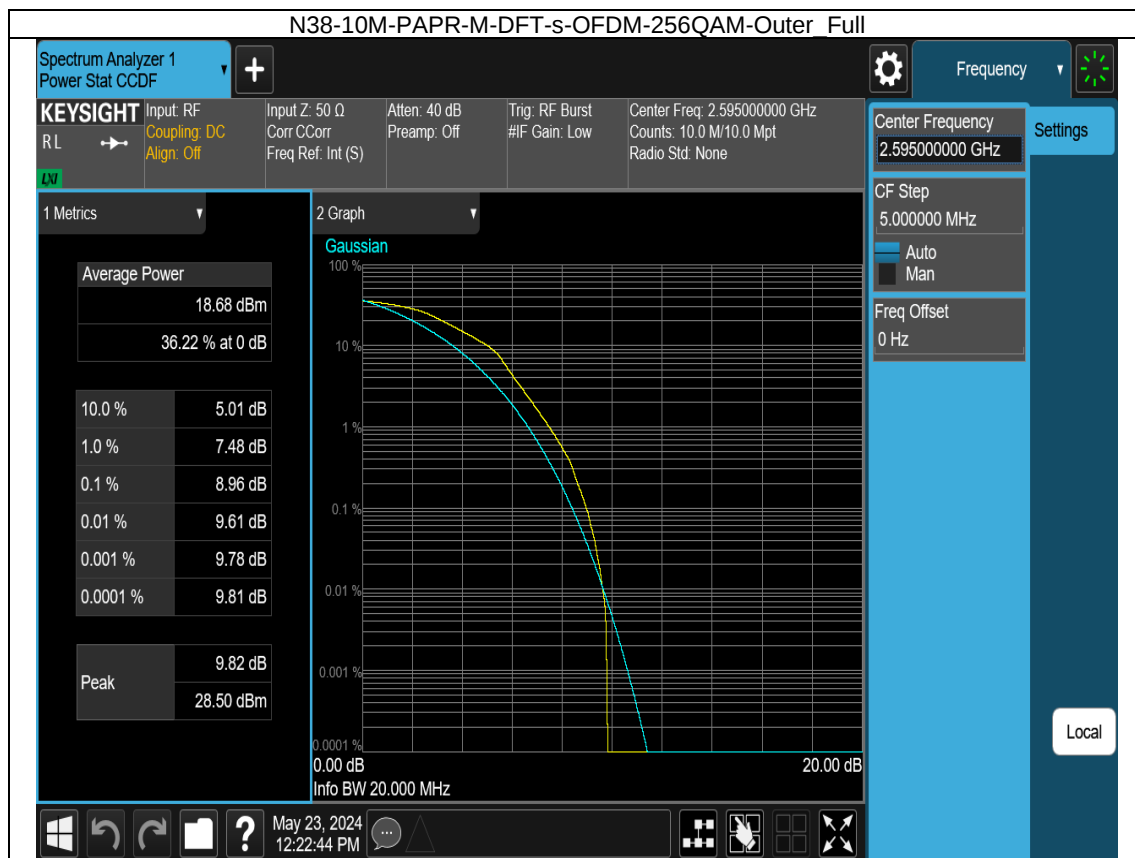


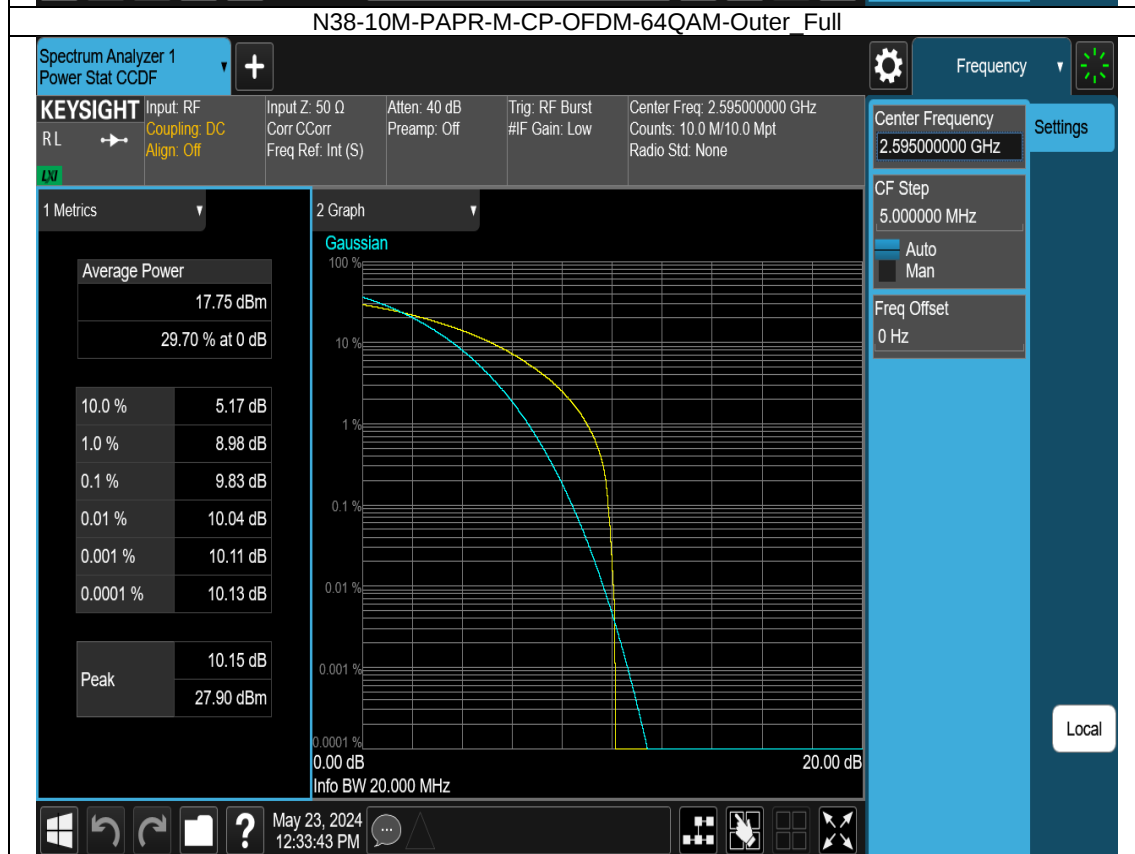
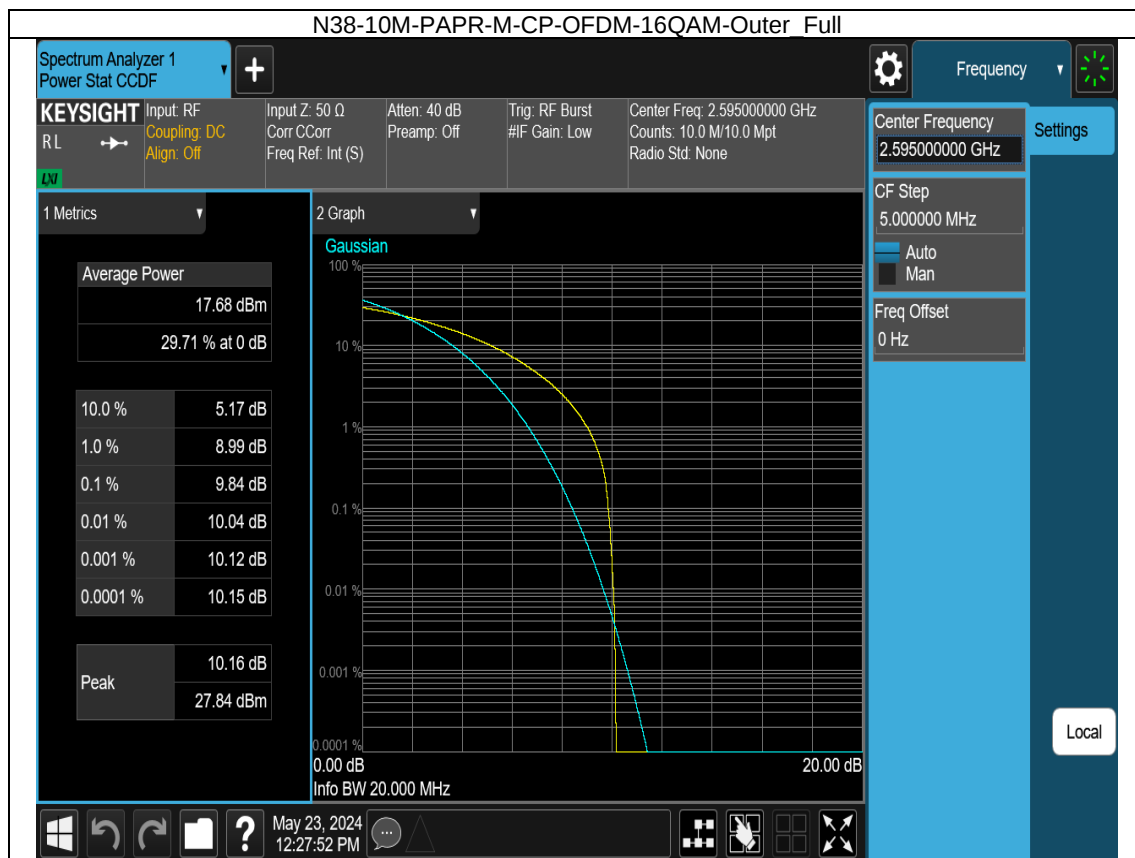








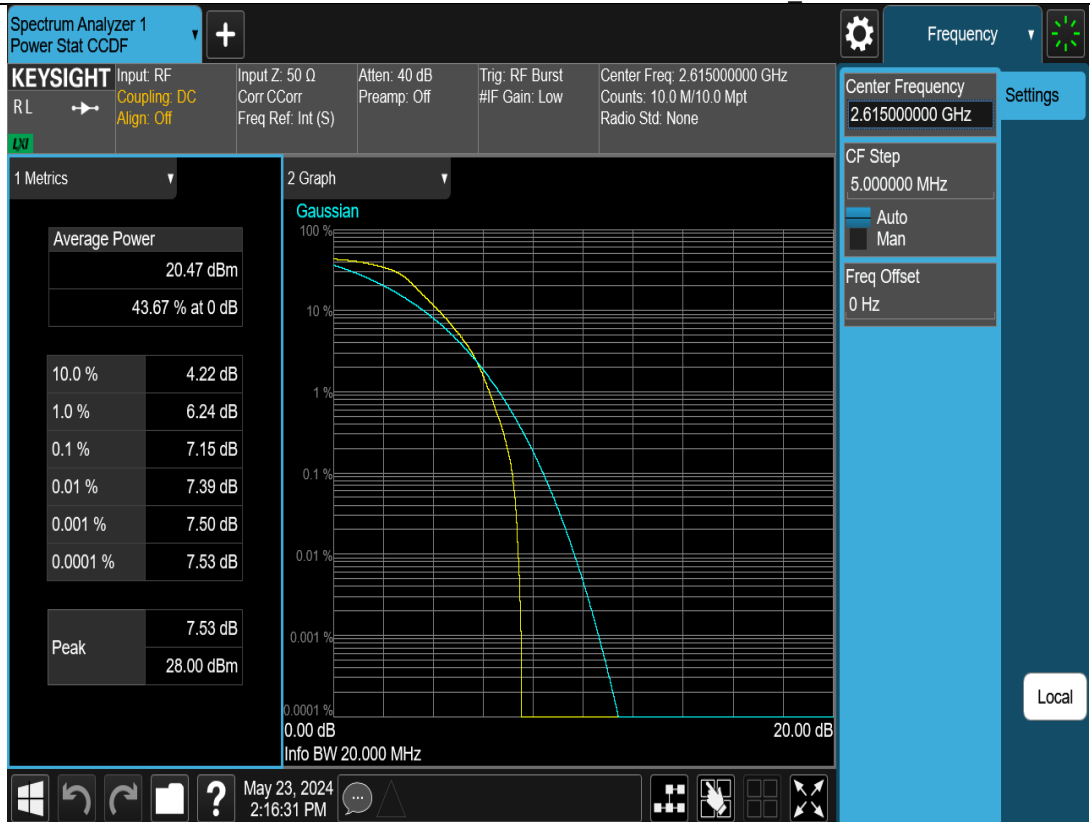




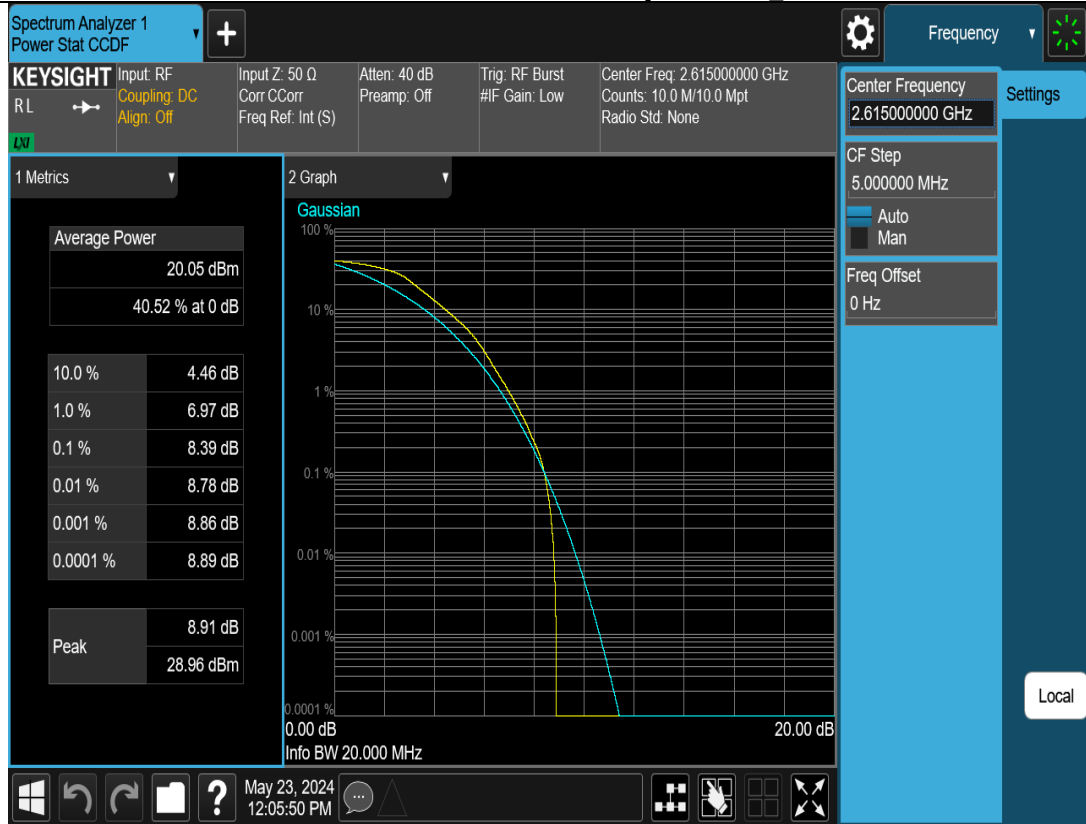
N38-10M-PAPR-M-CP-OFDM-256QAM-Outer Full



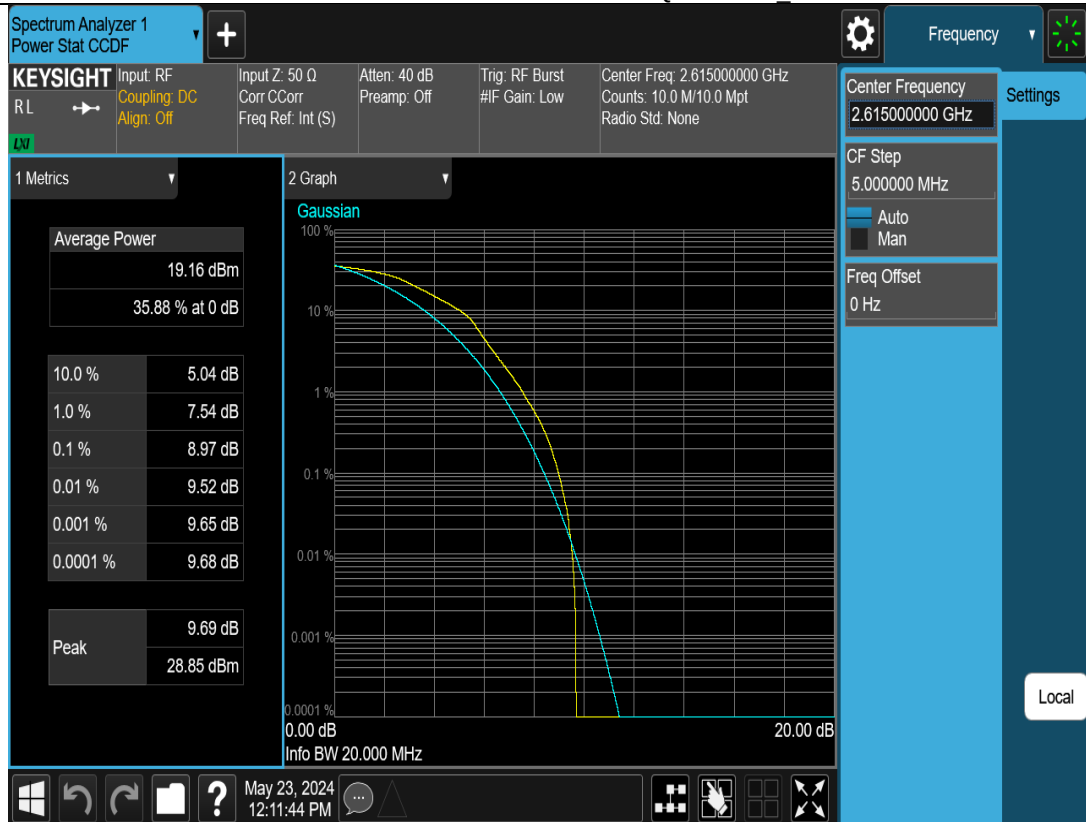
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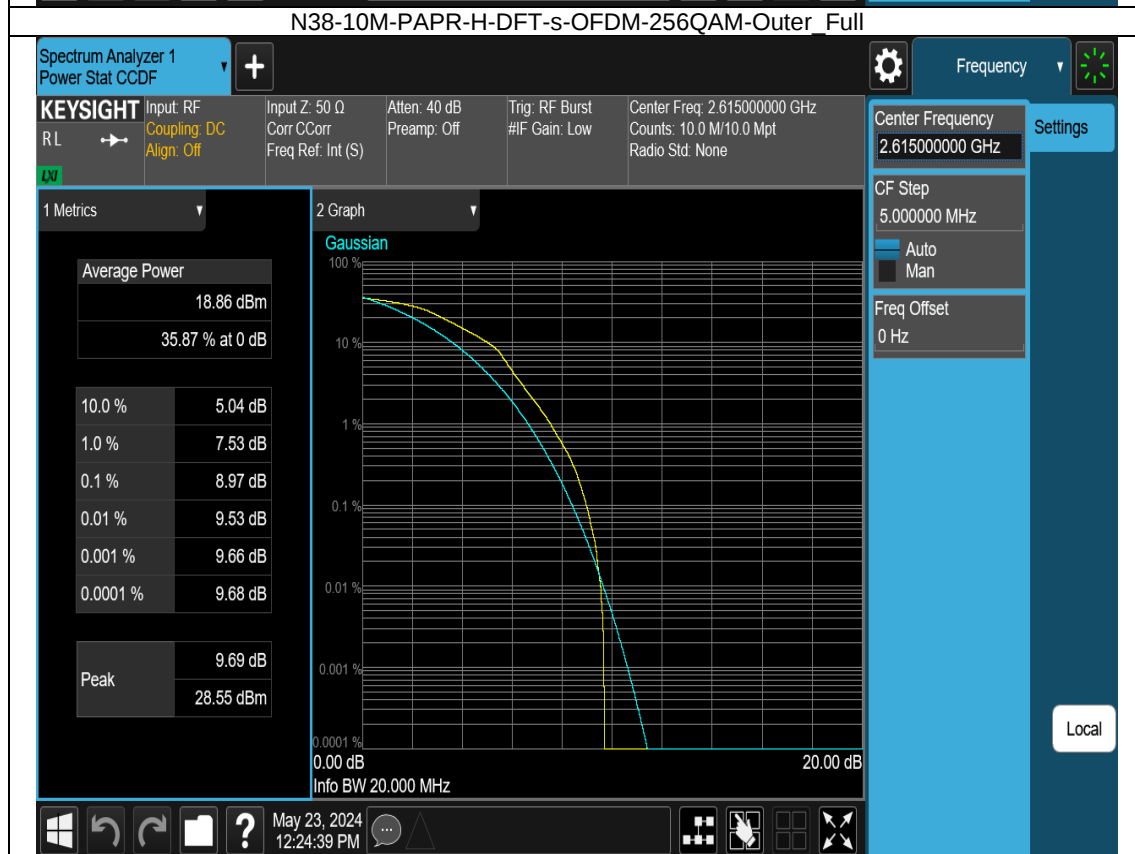
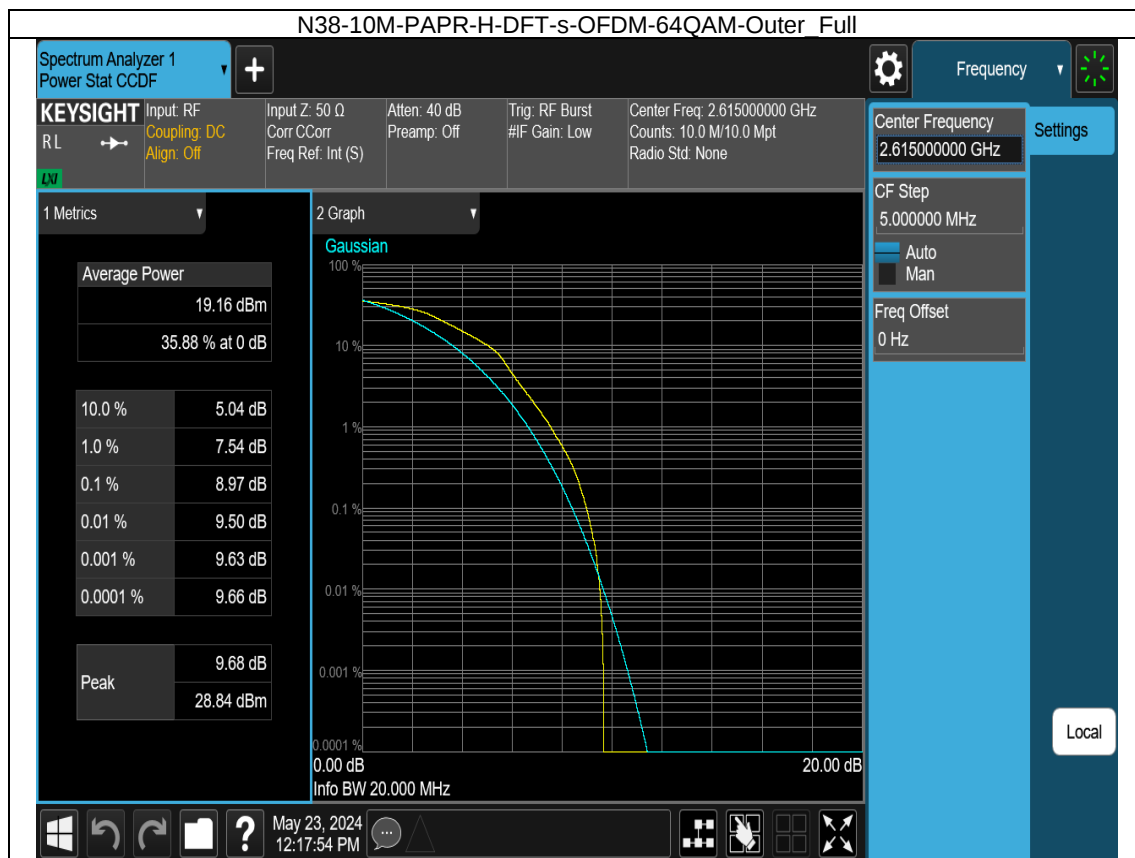


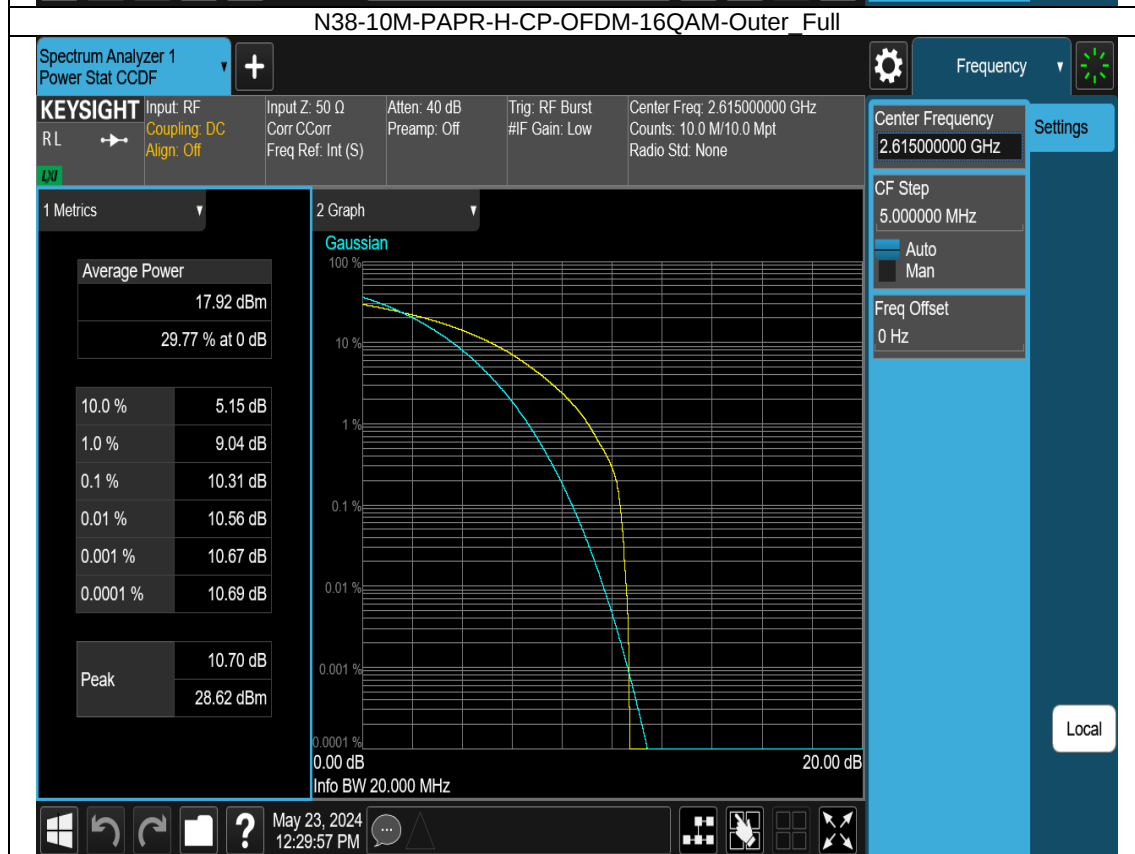
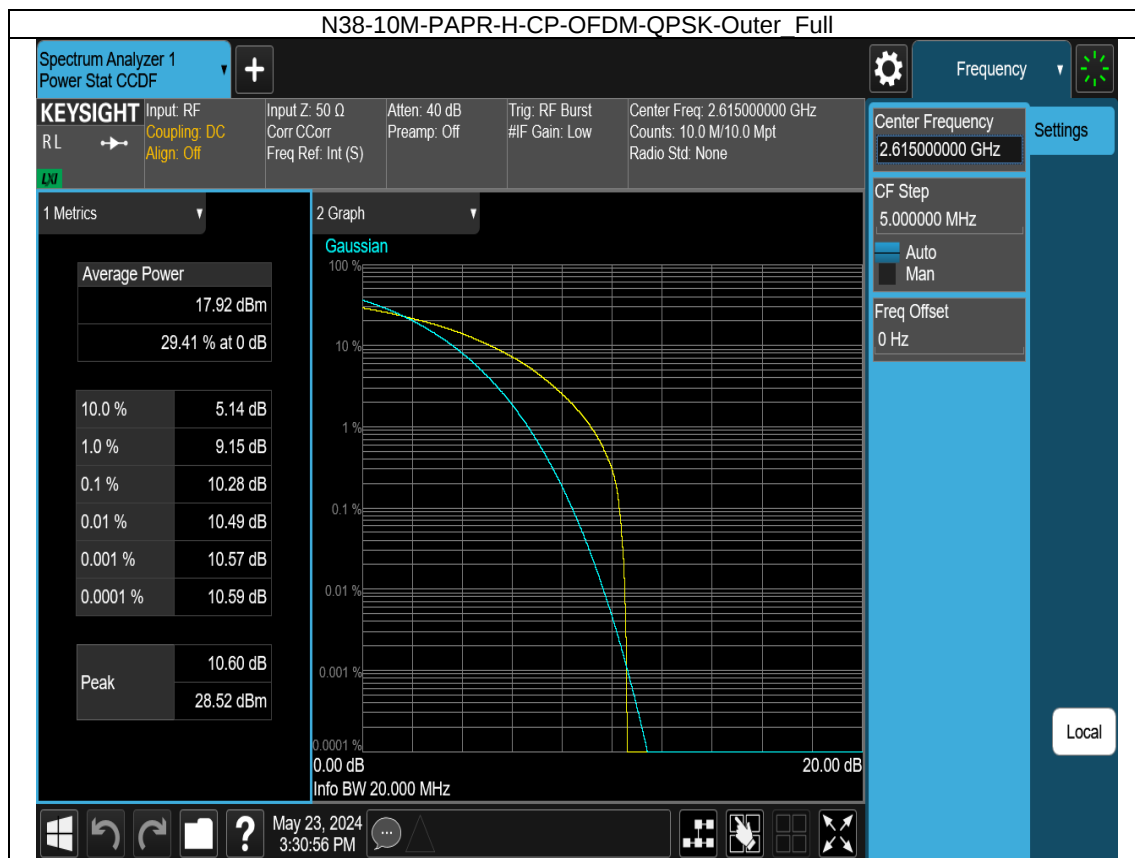
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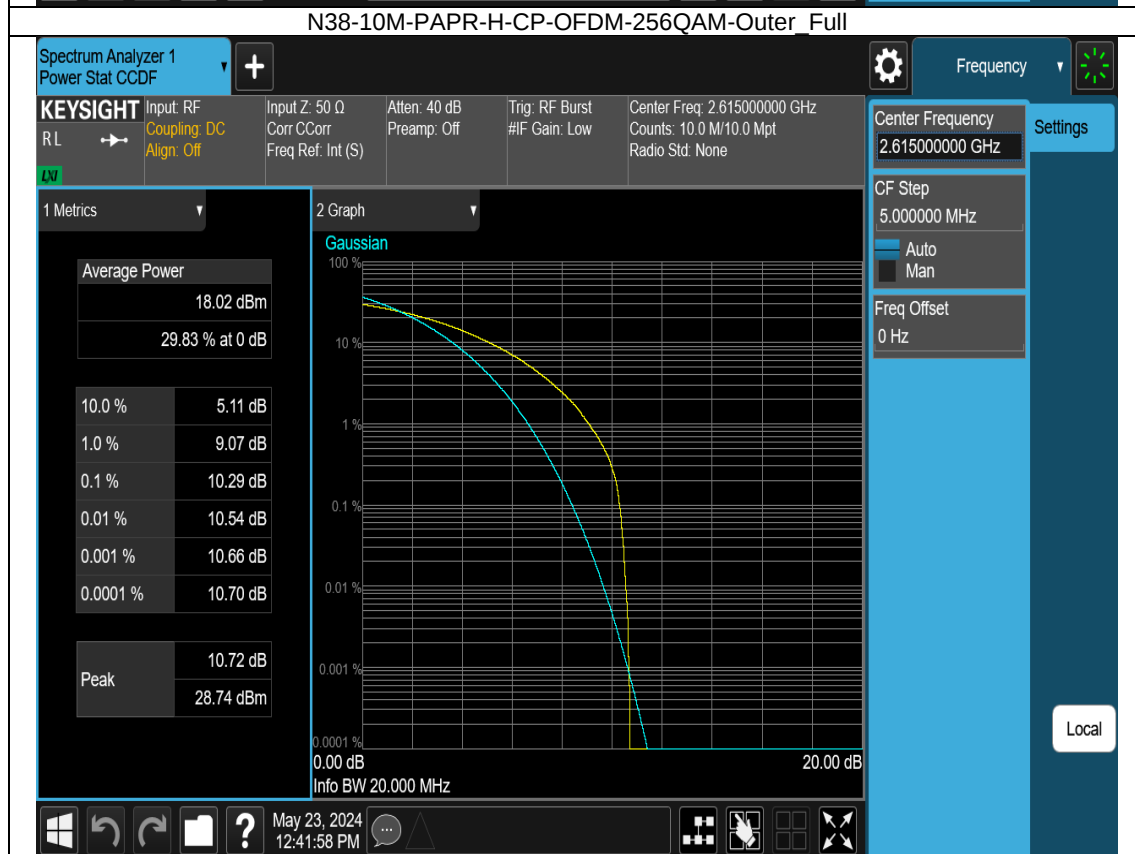
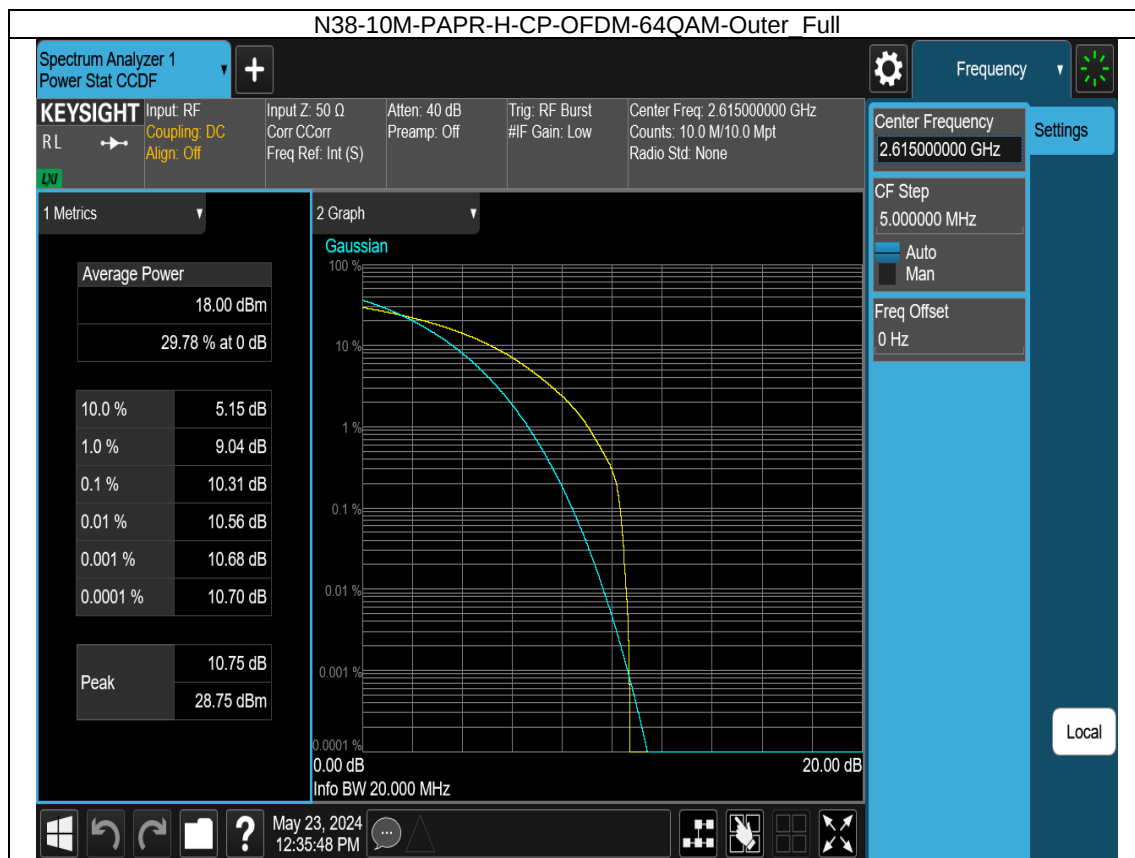


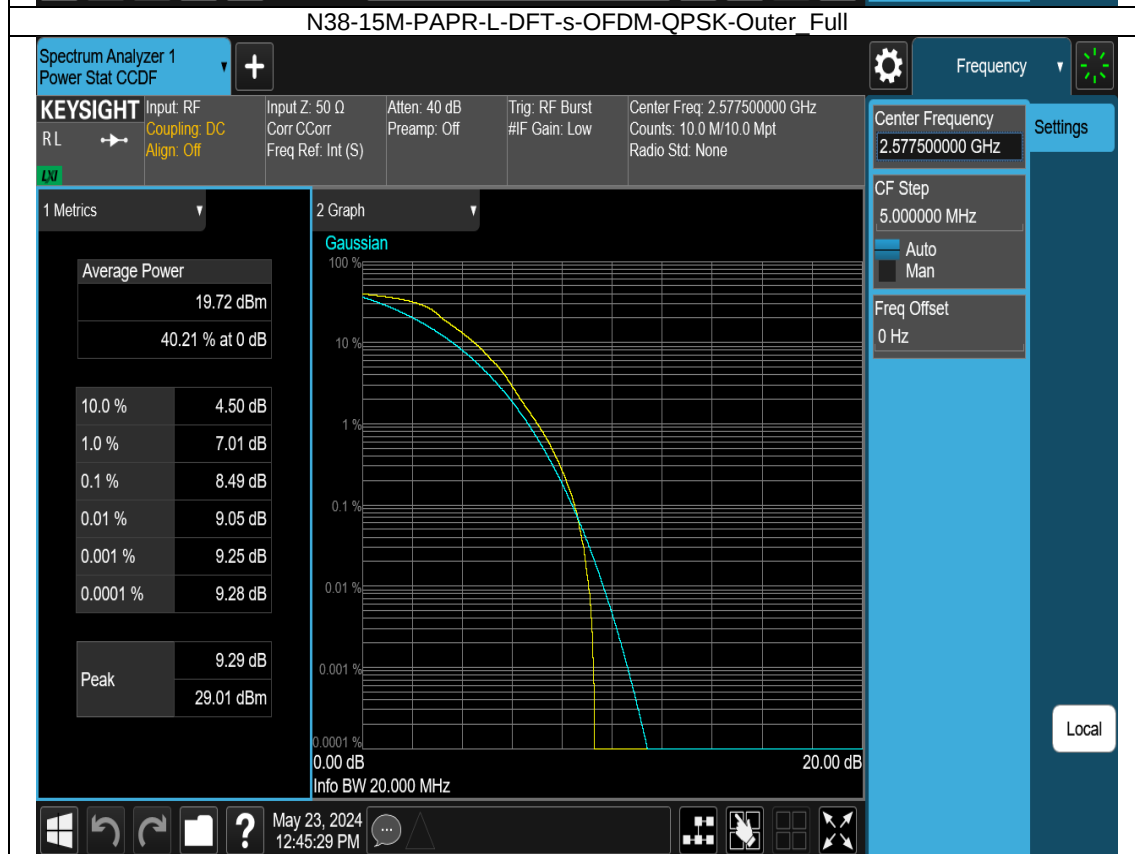
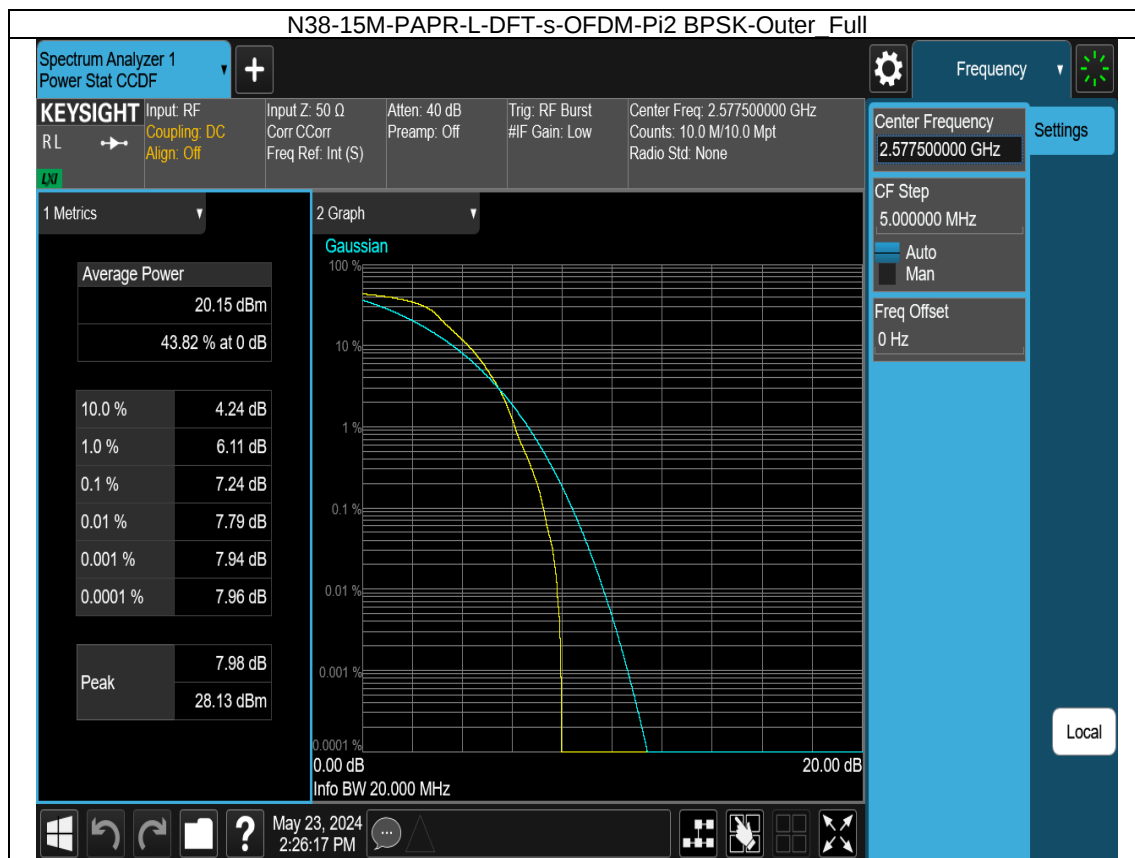
N38-10M-PAPR-H-DFT-s-OFDM-16QAM-Outer Full

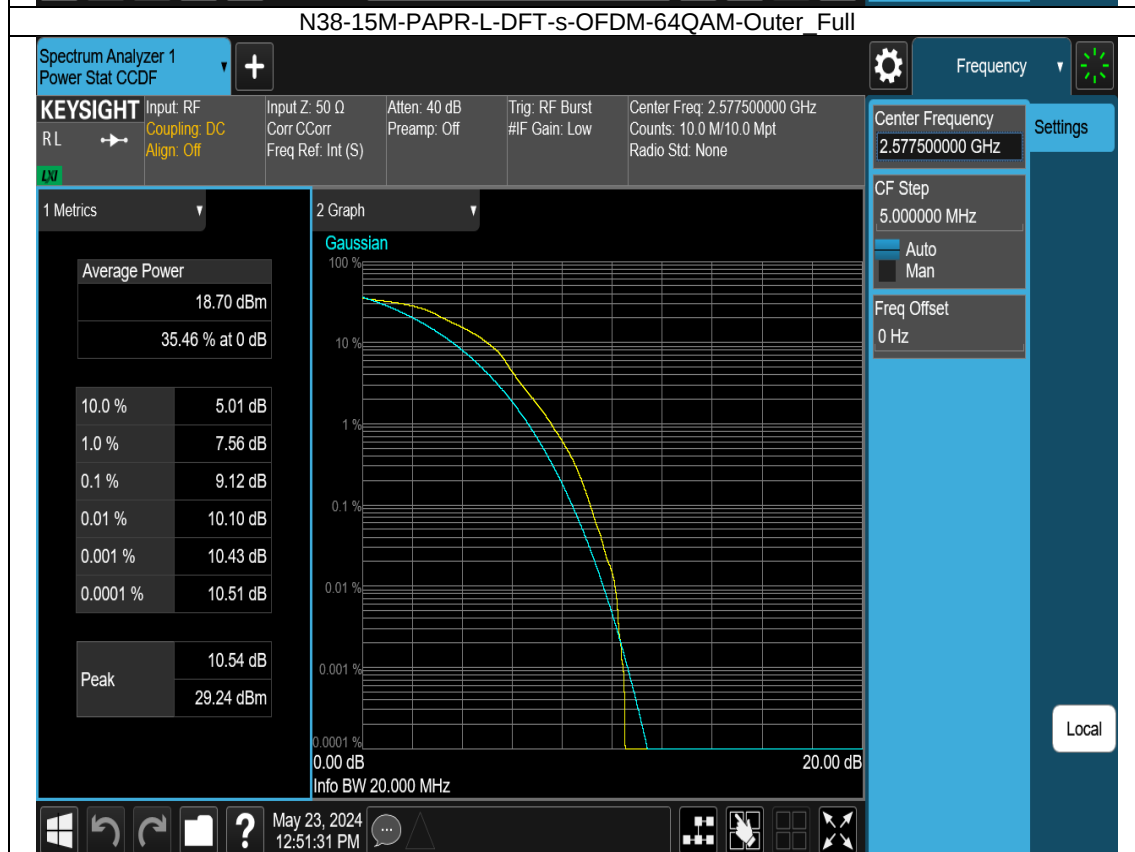
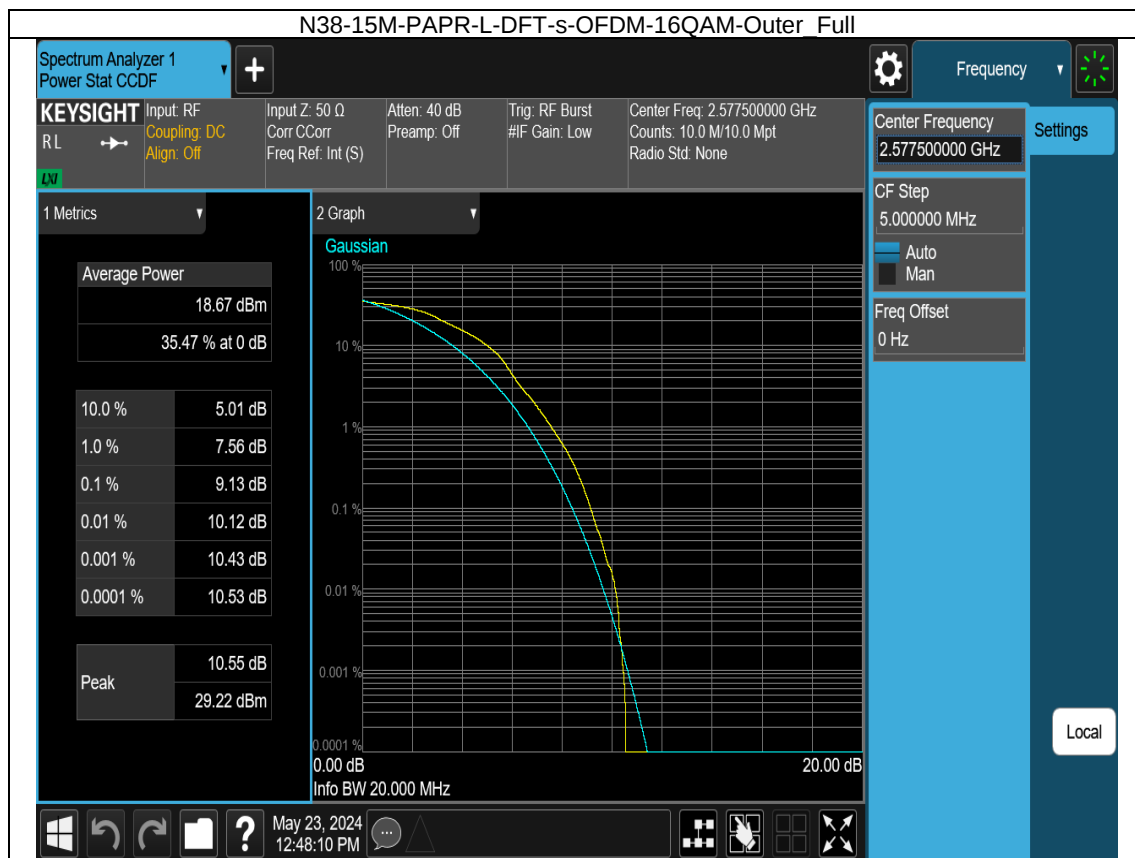


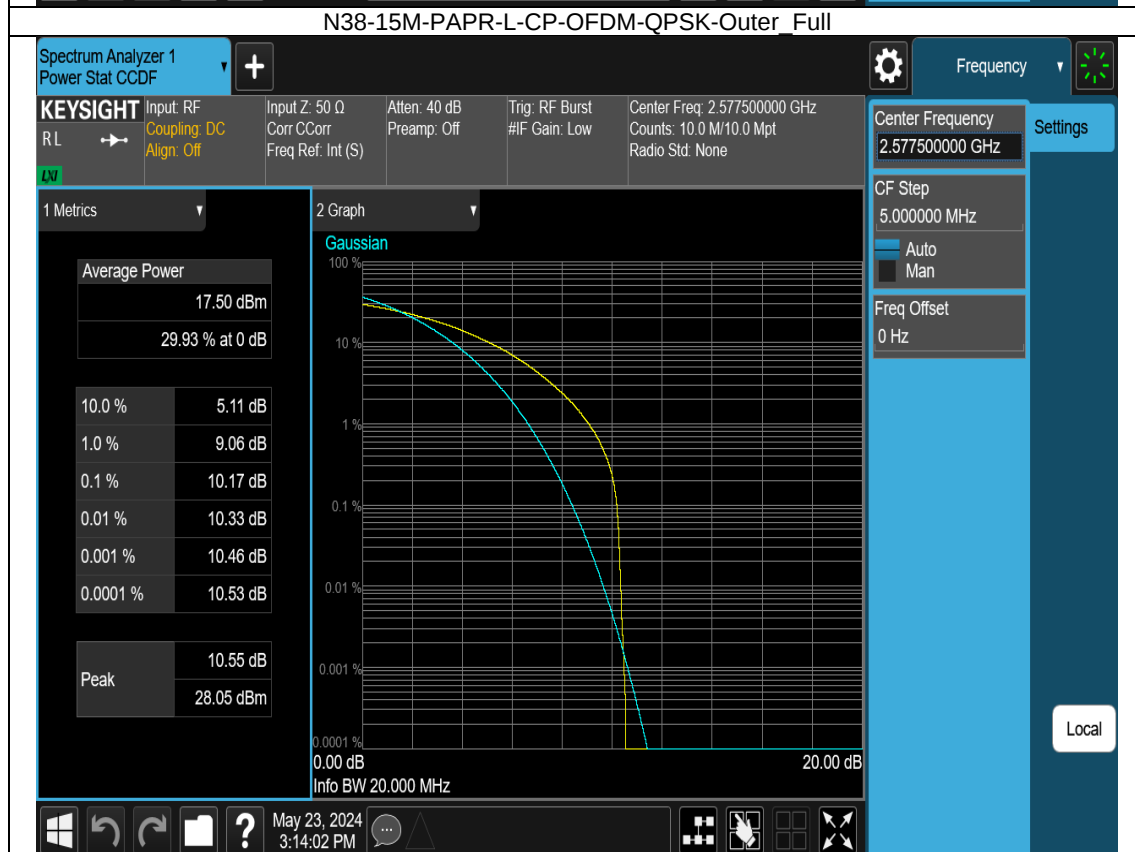














N38-15M-PAPR-L-CP-OFDM-256QAM-Outer Full



N38-15M-PAPR-M-DFT-s-OFDM-Pi2 BPSK-Outer Full

