

99% & 26dB Bandwidth

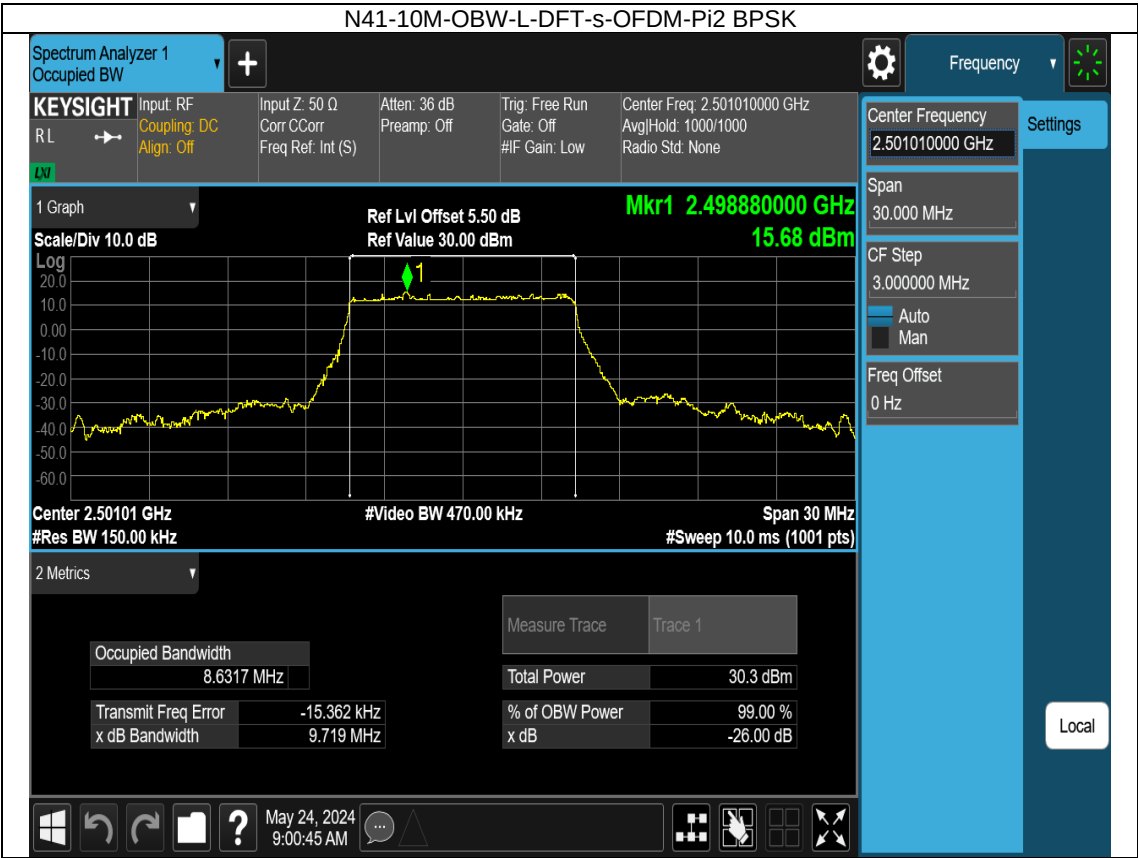
Test Result

5G NR n41 SCS=30kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	8.632	6.719	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.592	9.772	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.648	9.934	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.629	10.00	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.629	9.849	/	Pass
CP-OFDM QPSK		Outer_Full	8.602	9.727	/	Pass
CP-OFDM 16QAM		Outer_Full	8.653	10.02	/	Pass
CP-OFDM 64QAM		Outer_Full	8.617	9.859	/	Pass
CP-OFDM 256QAM		Outer_Full	8.639	9.995	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	8.652	9.981	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.592	9.646	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.626	9.769	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.648	9.998	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.636	10.01	/	Pass
CP-OFDM QPSK		Outer_Full	8.646	9.798	/	Pass
CP-OFDM 16QAM		Outer_Full	8.618	9.985	/	Pass
CP-OFDM 64QAM		Outer_Full	8.633	9.823	/	Pass
CP-OFDM 256QAM		Outer_Full	8.608	9.910	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	8.623	9.811	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.630	9.968	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.648	9.862	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.623	9.837	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.640	9.986	/	Pass
CP-OFDM QPSK		Outer_Full	8.594	9.721	/	Pass
CP-OFDM 16QAM		Outer_Full	8.605	9.773	/	Pass
CP-OFDM 64QAM		Outer_Full	8.638	10.26	/	Pass
CP-OFDM 256QAM		Outer_Full	8.661	9.955	/	Pass

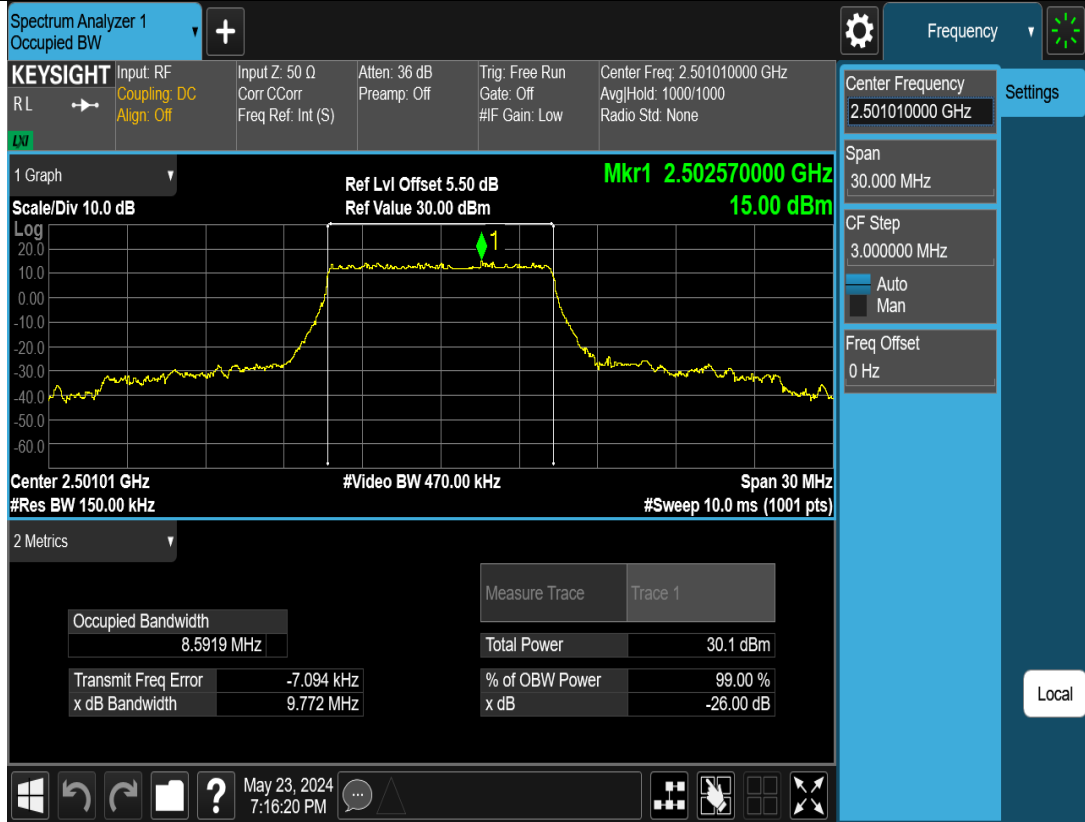
5G NR n41 SCS=30kHz 15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	12.998	14.58	/	Pass
DFT-s-OFDM QPSK		Outer_Full	12.928	14.49	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	12.970	14.68	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	12.945	14.55	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.034	14.43	/	Pass
CP-OFDM QPSK		Outer_Full	13.662	15.29	/	Pass
CP-OFDM 16QAM		Outer_Full	13.637	15.08	/	Pass
CP-OFDM 64QAM		Outer_Full	13.663	15.18	/	Pass
CP-OFDM 256QAM		Outer_Full	13.622	15.22	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	12.957	14.43	/	Pass
DFT-s-OFDM QPSK		Outer_Full	12.935	14.45	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	12.940	14.55	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	12.948	14.40	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.016	14.44	/	Pass
CP-OFDM QPSK		Outer_Full	13.665	15.28	/	Pass
CP-OFDM 16QAM		Outer_Full	13.632	15.16	/	Pass
CP-OFDM 64QAM		Outer_Full	13.639	15.21	/	Pass
CP-OFDM 256QAM		Outer_Full	13.649	15.37	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	12.944	14.28	/	Pass
DFT-s-OFDM QPSK		Outer_Full	12.973	14.47	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	12.987	14.47	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	12.954	14.50	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	12.991	14.70	/	Pass
CP-OFDM QPSK		Outer_Full	13.621	15.13	/	Pass
CP-OFDM 16QAM		Outer_Full	13.644	15.17	/	Pass
CP-OFDM 64QAM		Outer_Full	13.665	15.26	/	Pass
CP-OFDM 256QAM		Outer_Full	13.672	15.49	/	Pass

5G NR n41 SCS=30kHz 20MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	17.867	19.24	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.916	19.54	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.887	19.35	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.951	19.75	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.870	19.44	/	Pass
CP-OFDM QPSK		Outer_Full	18.228	19.91	/	Pass
CP-OFDM 16QAM		Outer_Full	18.241	19.96	/	Pass
CP-OFDM 64QAM		Outer_Full	18.263	19.92	/	Pass
CP-OFDM 256QAM		Outer_Full	18.253	19.74	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	17.876	19.32	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.917	19.51	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.919	19.44	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.992	19.80	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.870	19.44	/	Pass
CP-OFDM QPSK		Outer_Full	18.271	20.00	/	Pass
CP-OFDM 16QAM		Outer_Full	18.244	19.92	/	Pass
CP-OFDM 64QAM		Outer_Full	18.291	19.85	/	Pass
CP-OFDM 256QAM		Outer_Full	18.259	19.88	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	17.865	19.31	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.922	19.54	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.899	19.56	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.962	19.86	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.880	19.44	/	Pass
CP-OFDM QPSK		Outer_Full	18.191	19.81	/	Pass
CP-OFDM 16QAM		Outer_Full	18.204	19.85	/	Pass
CP-OFDM 64QAM		Outer_Full	18.271	19.73	/	Pass
CP-OFDM 256QAM		Outer_Full	18.266	19.70	/	Pass

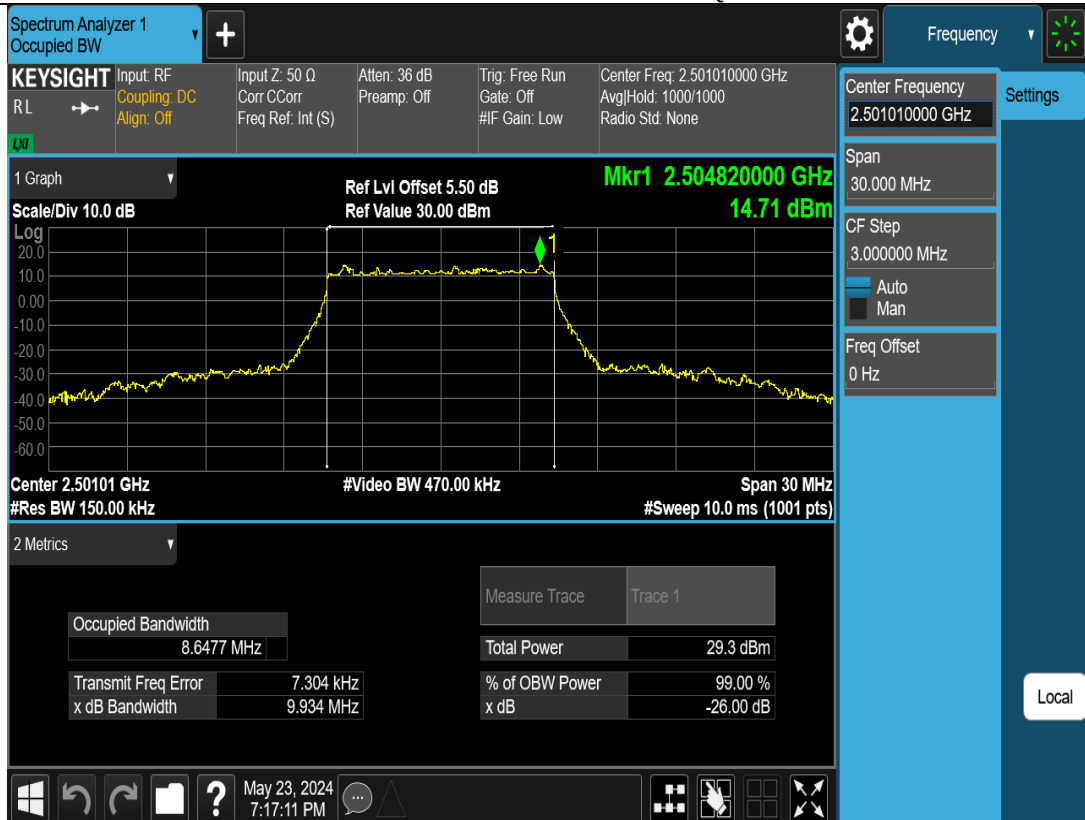
Test graph

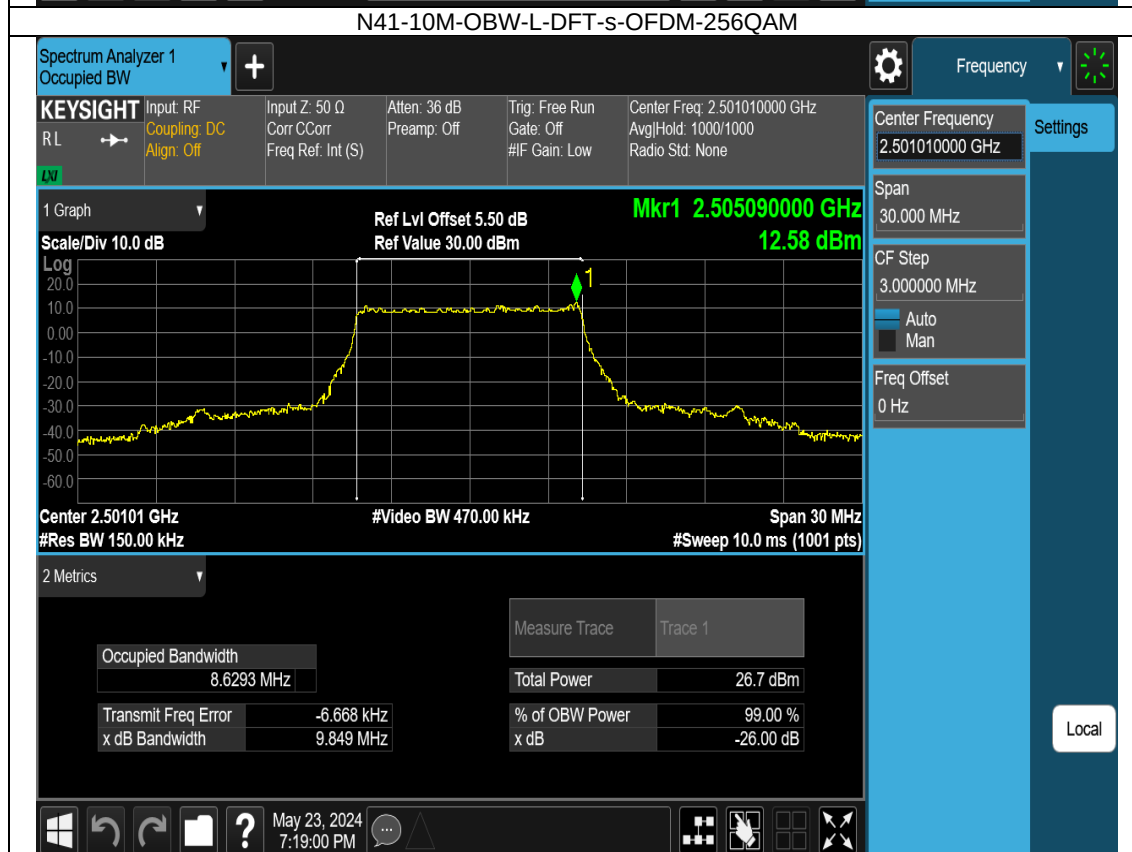
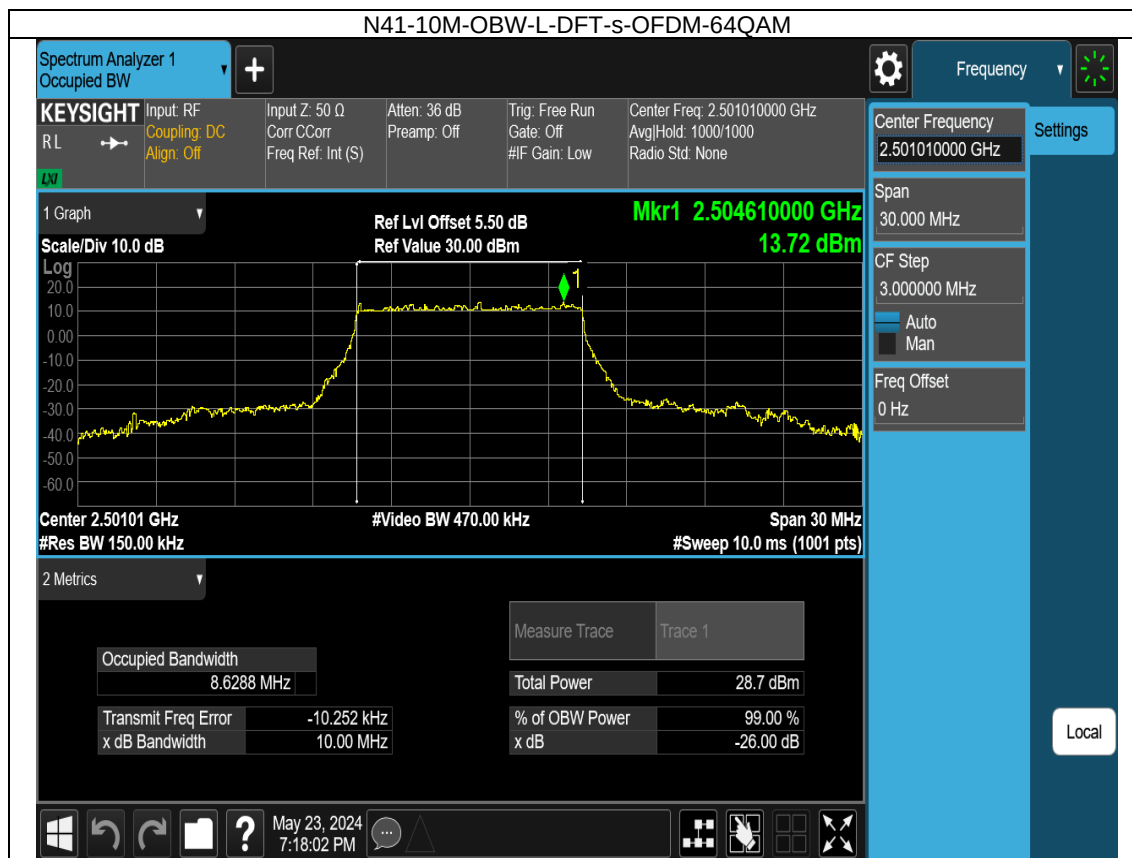


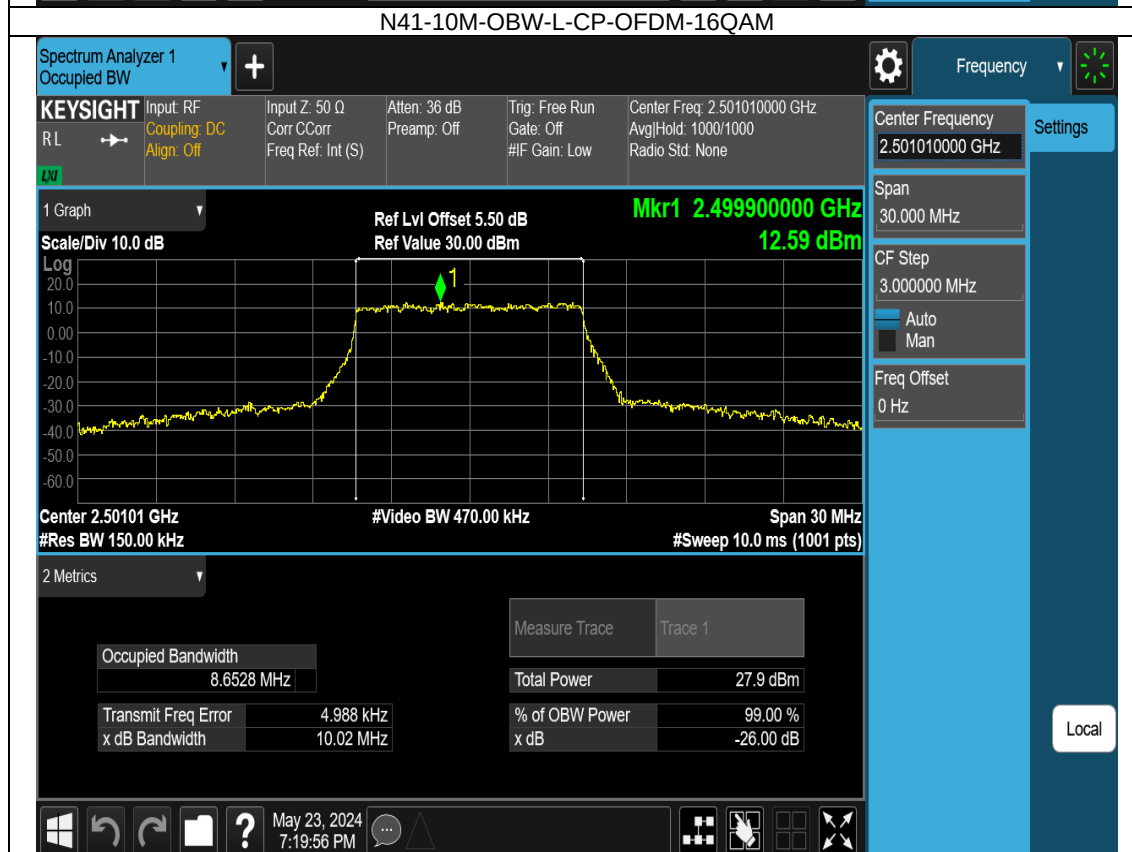
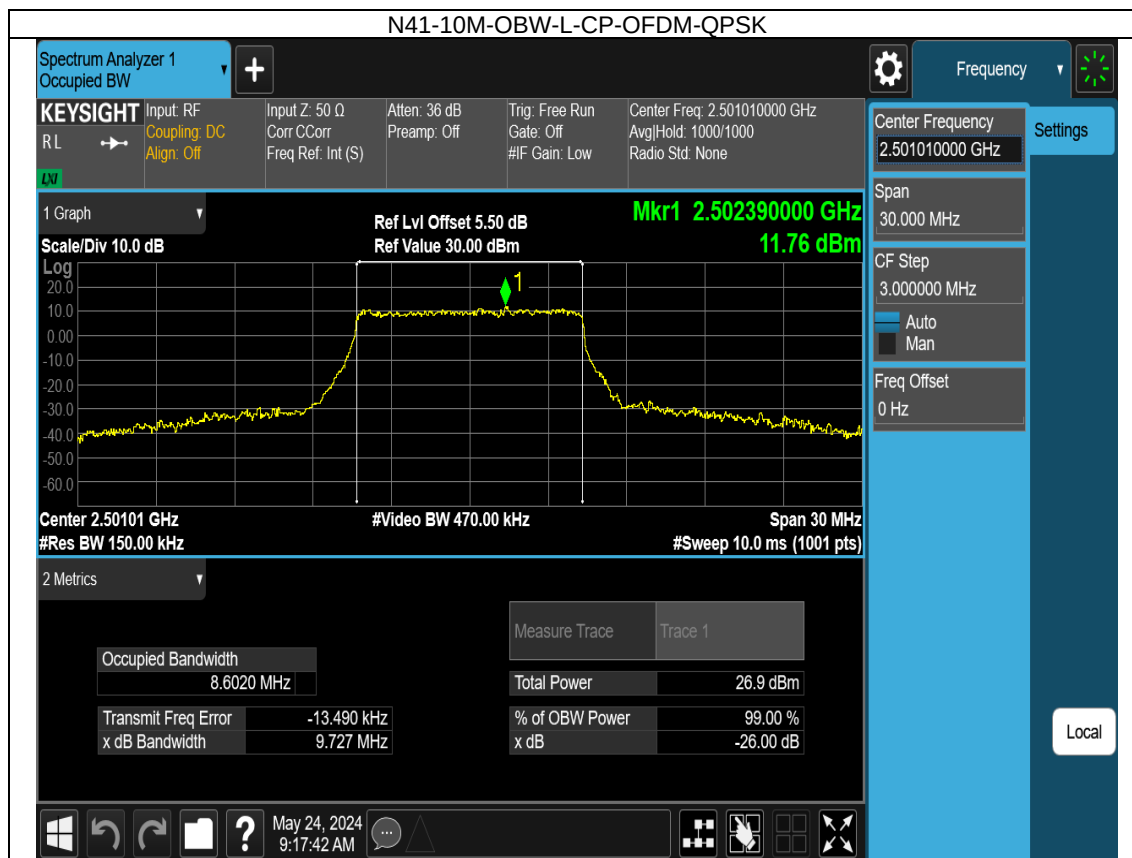
N41-10M-OBW-L-DFT-s-OFDM-QPSK

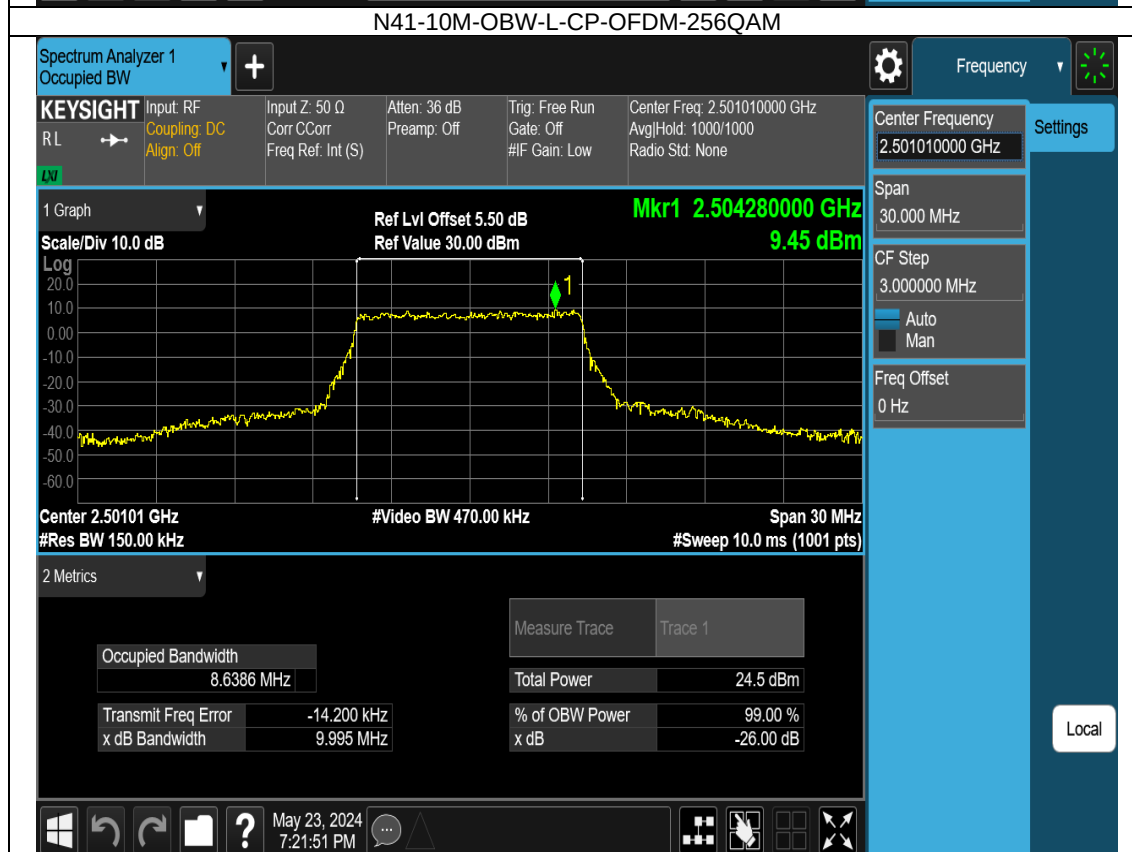
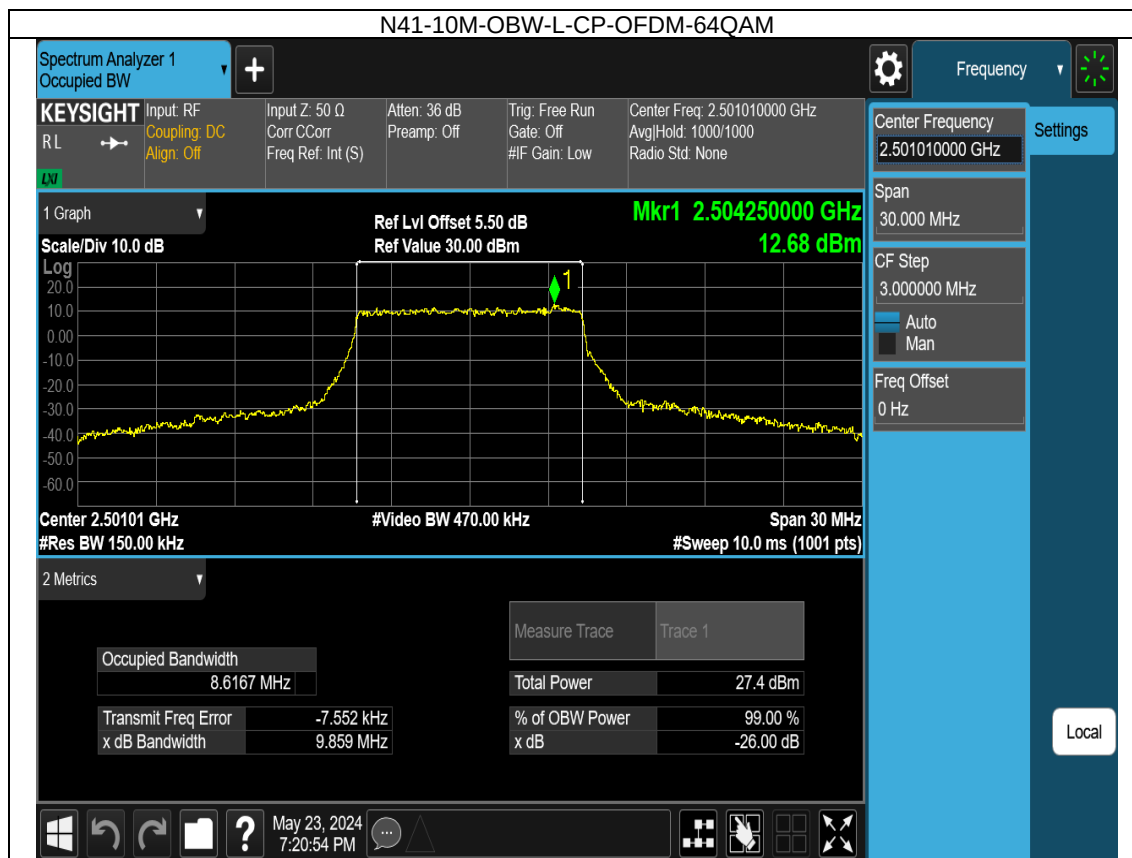


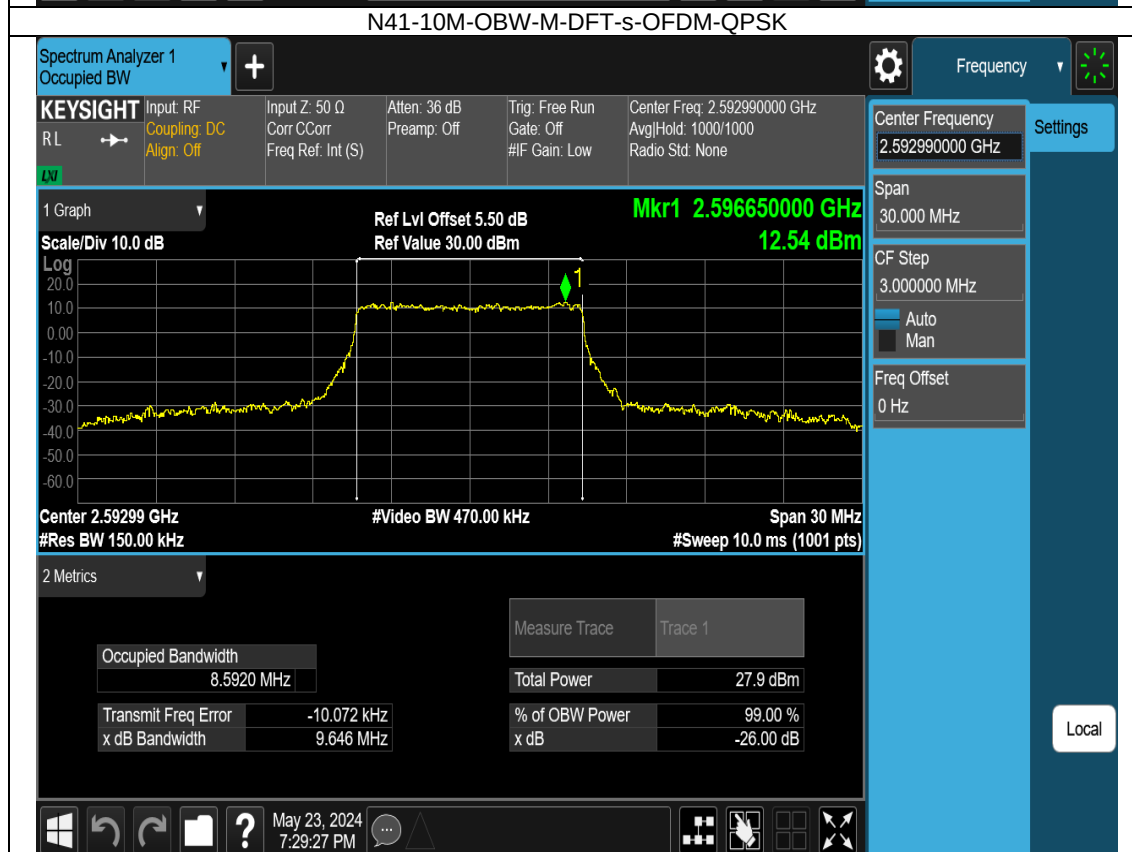
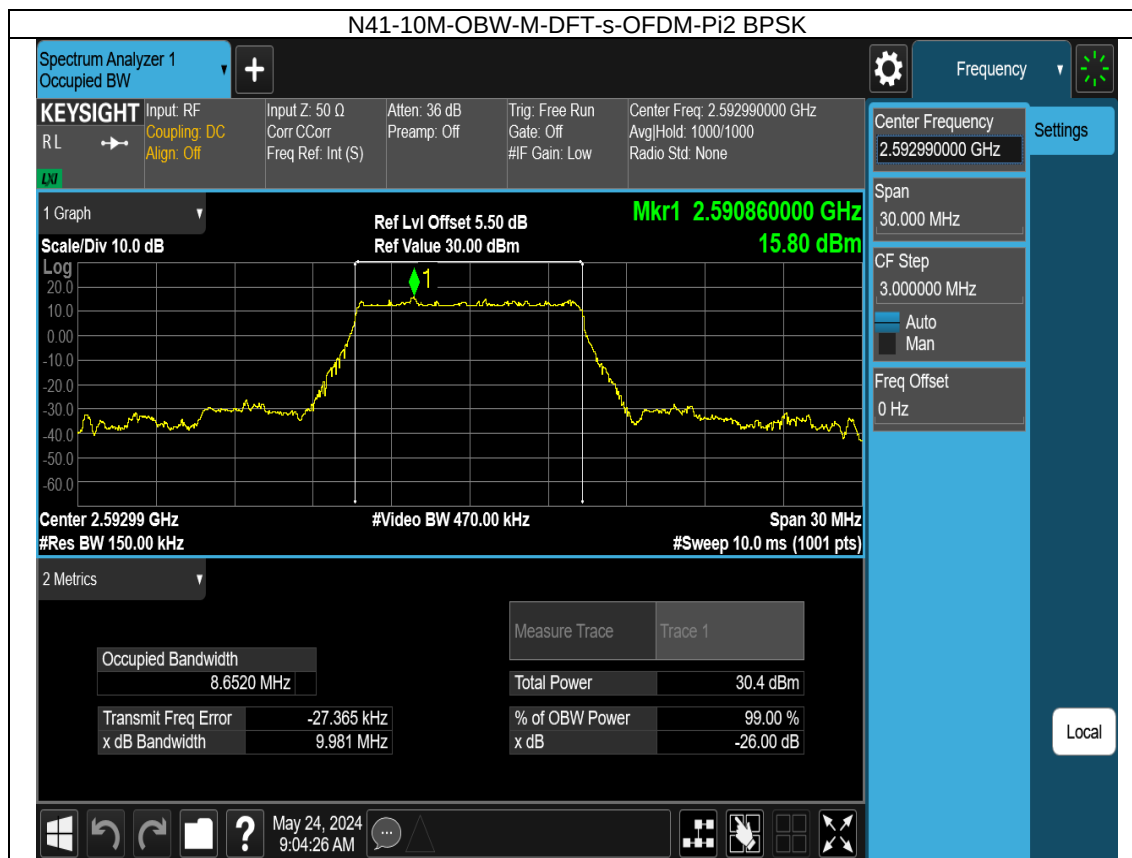
N41-10M-OBW-L-DFT-s-OFDM-16QAM

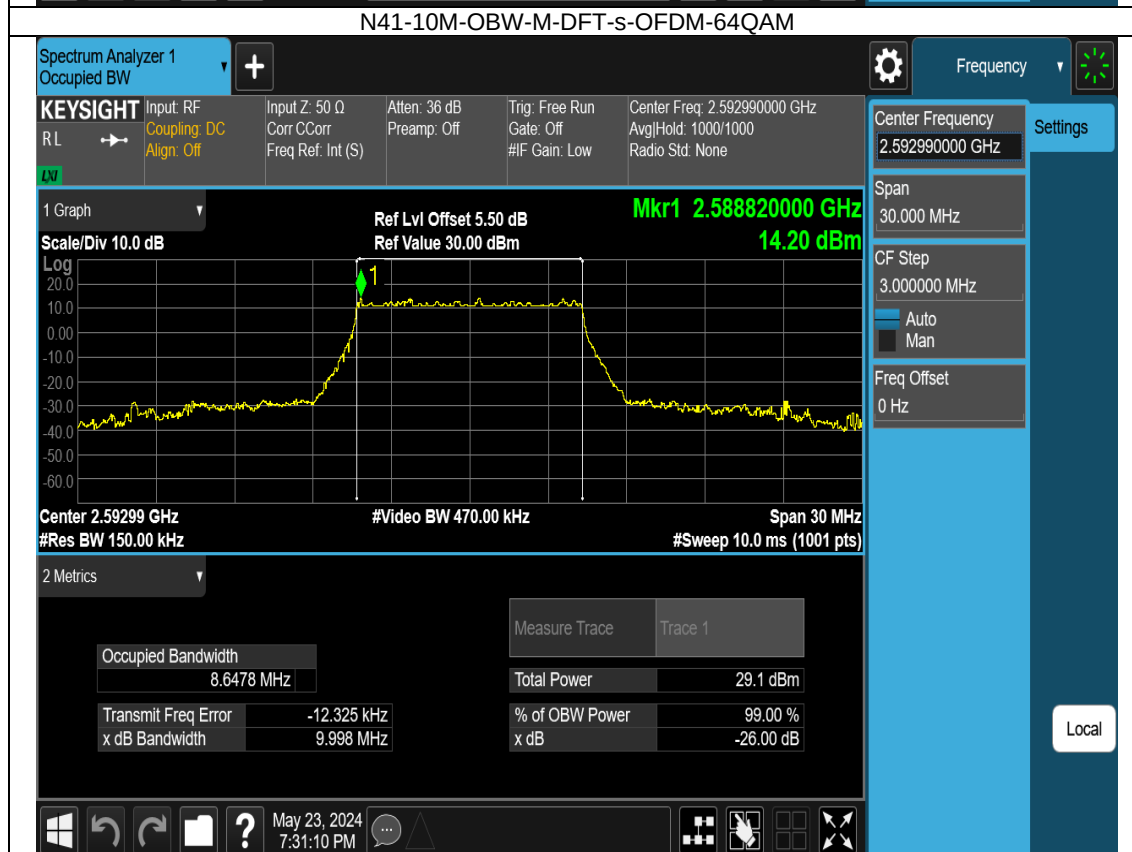
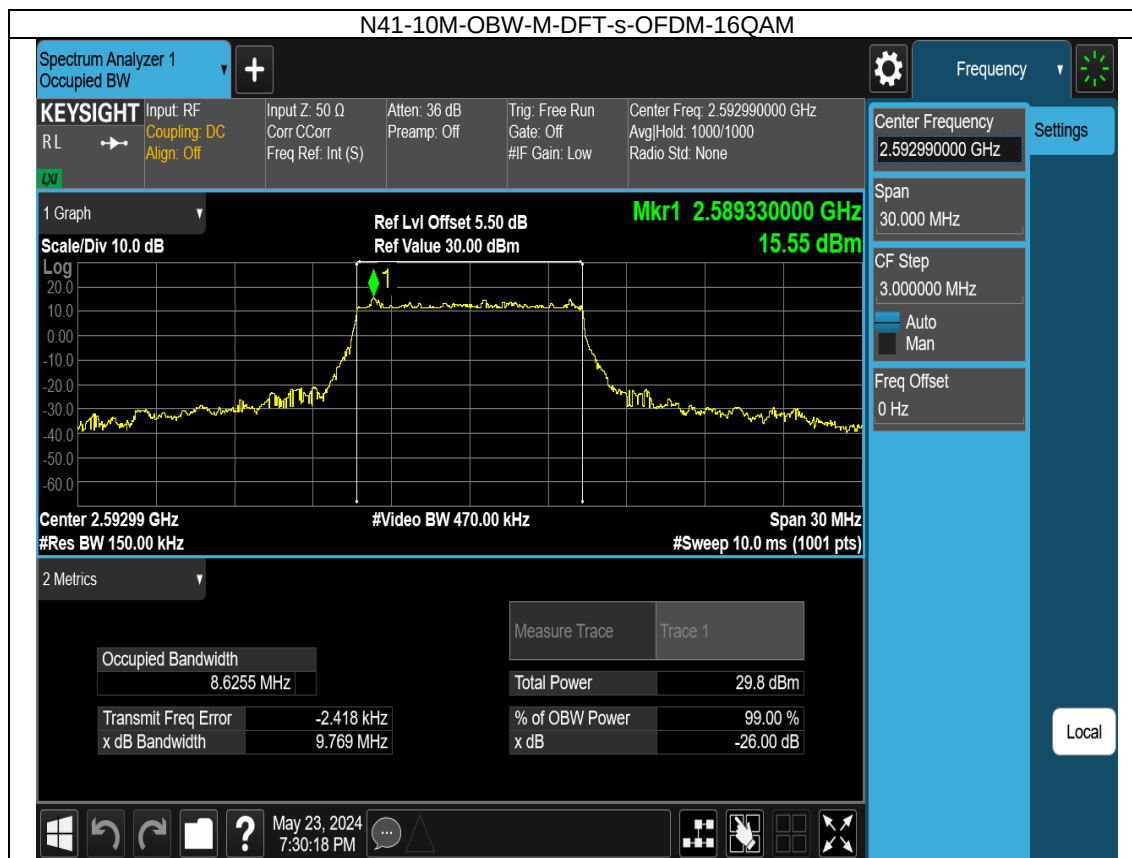


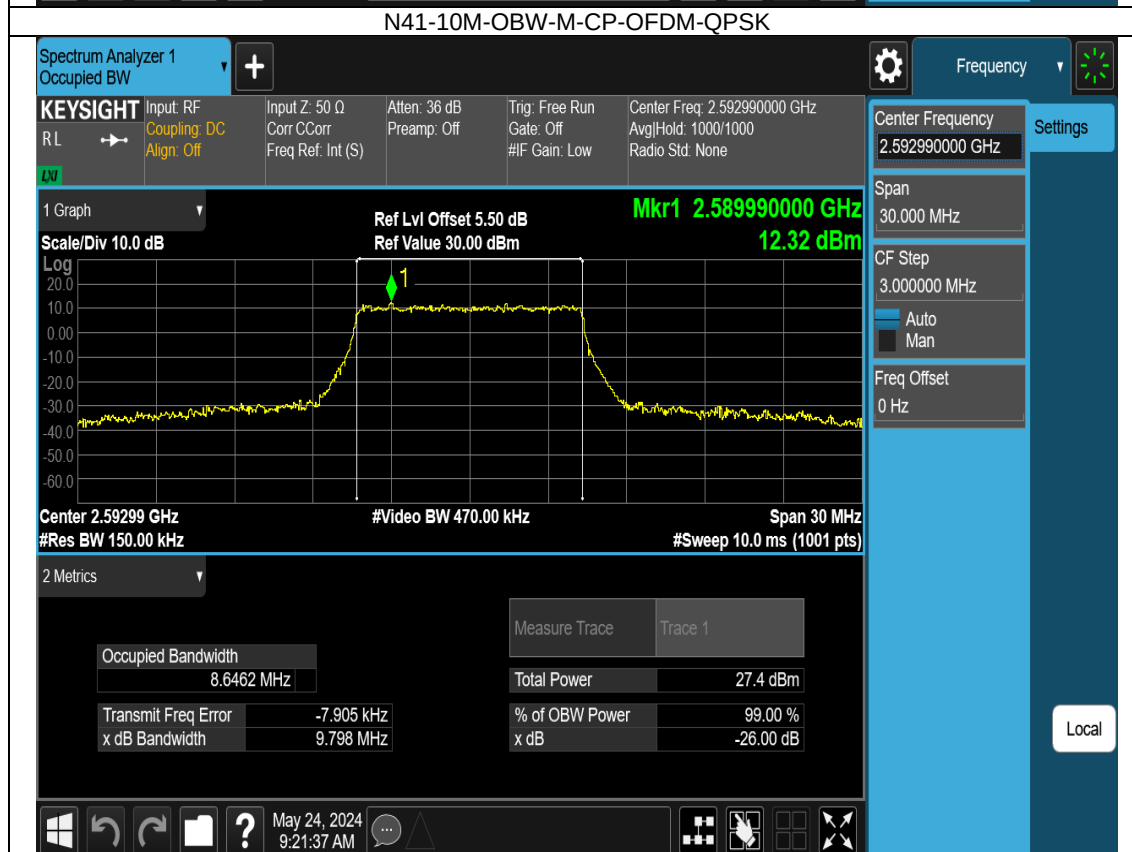
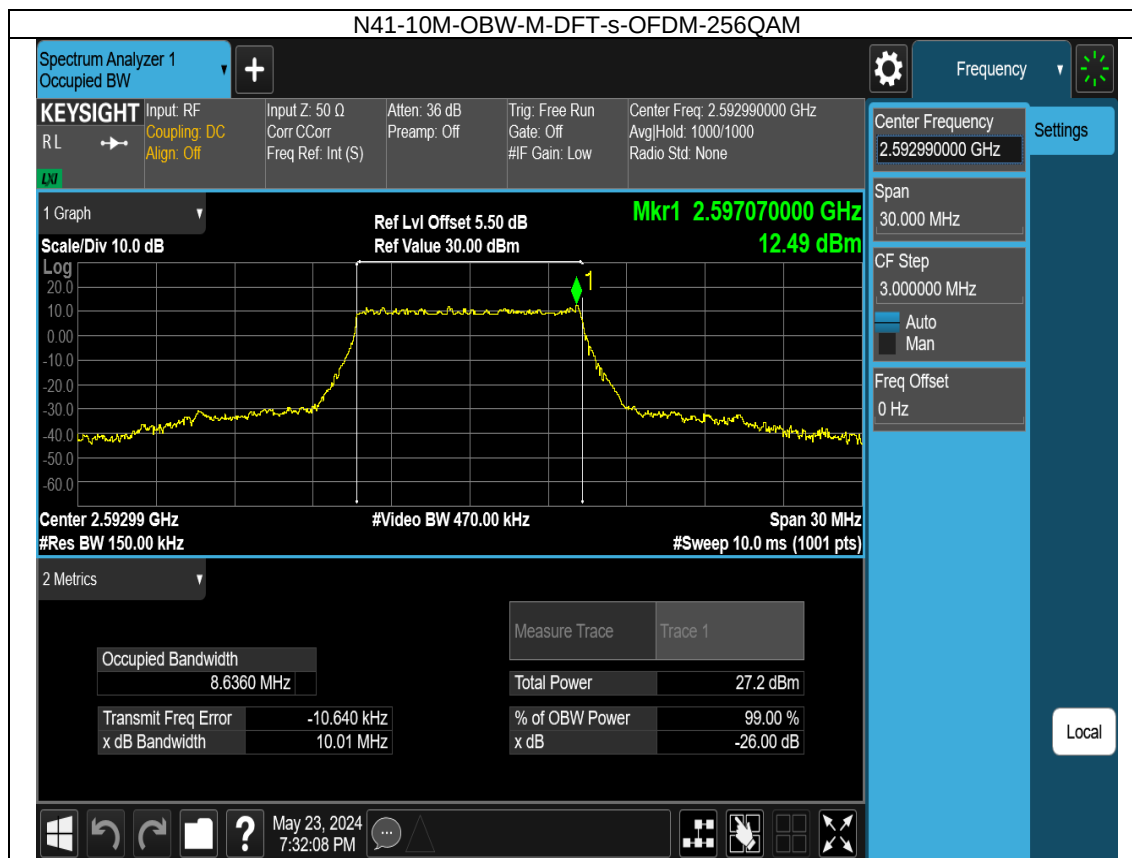




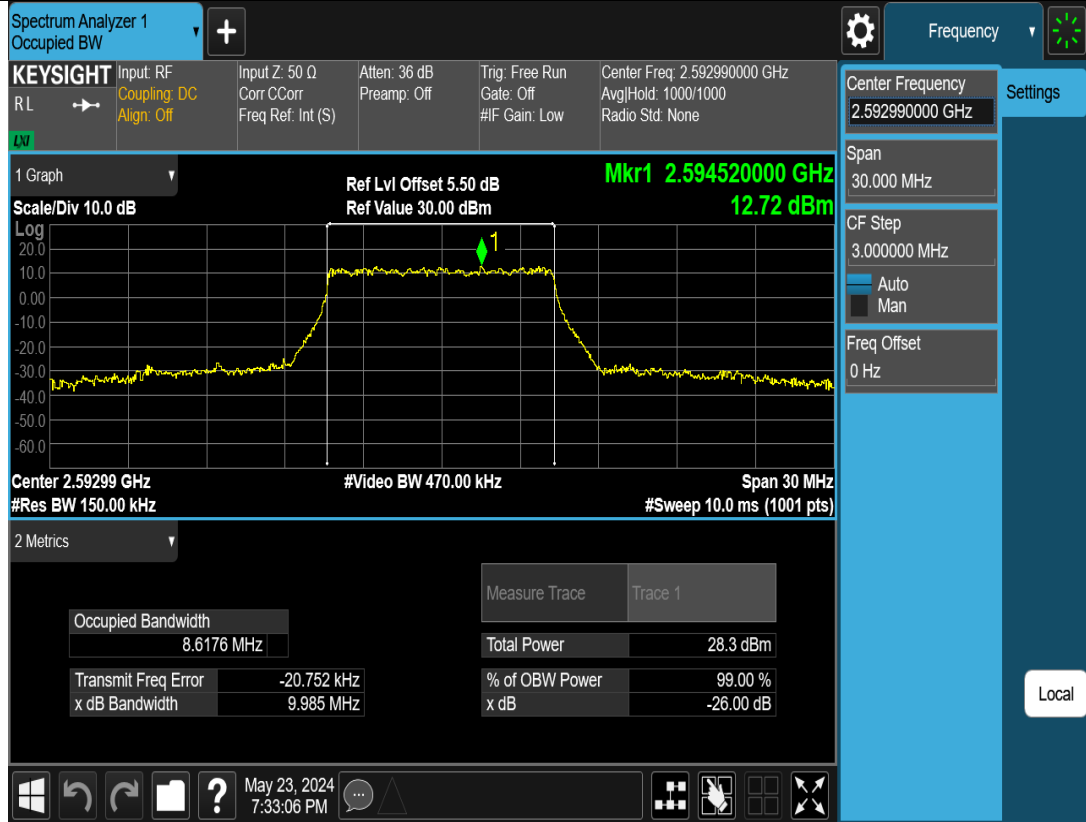




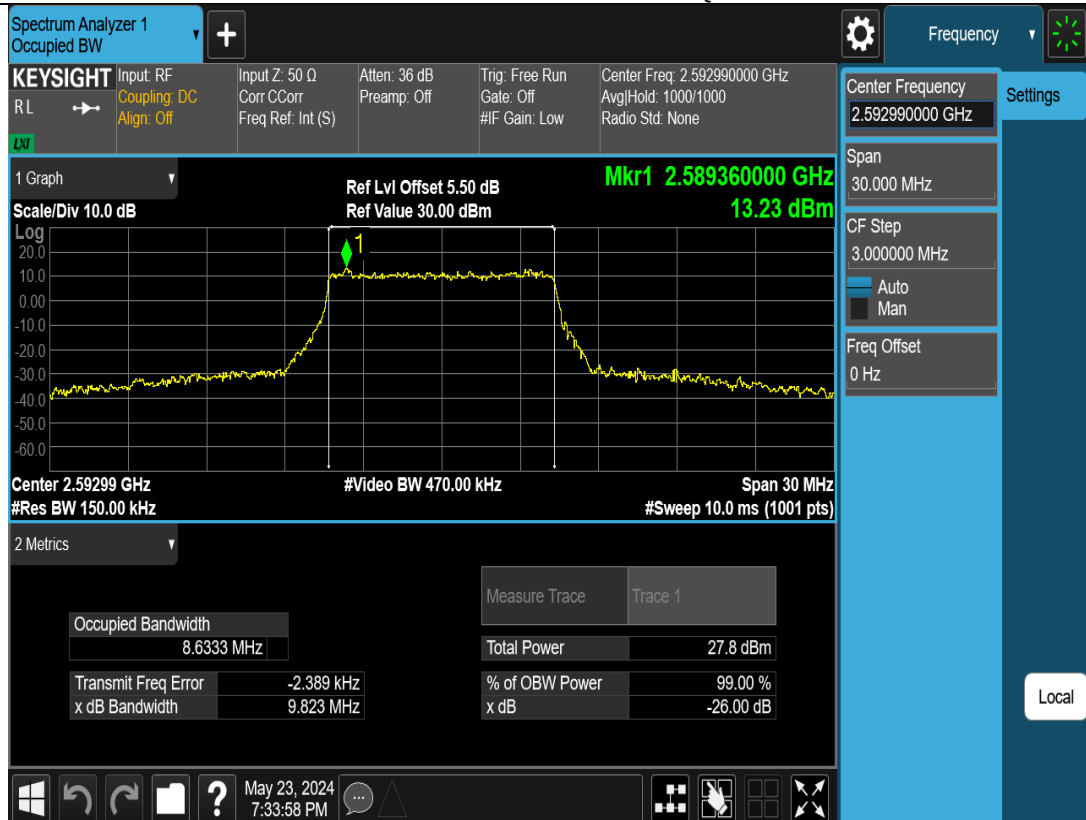




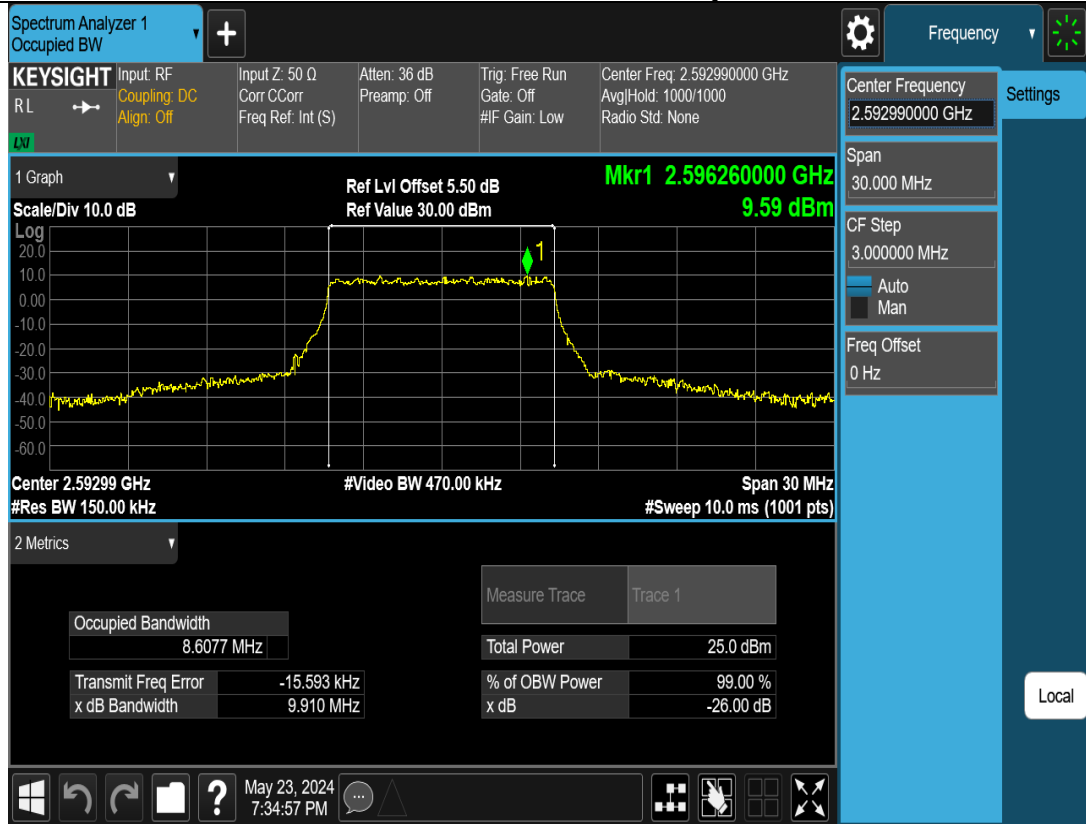
N41-10M-OBW-M-CP-OFDM-16QAM



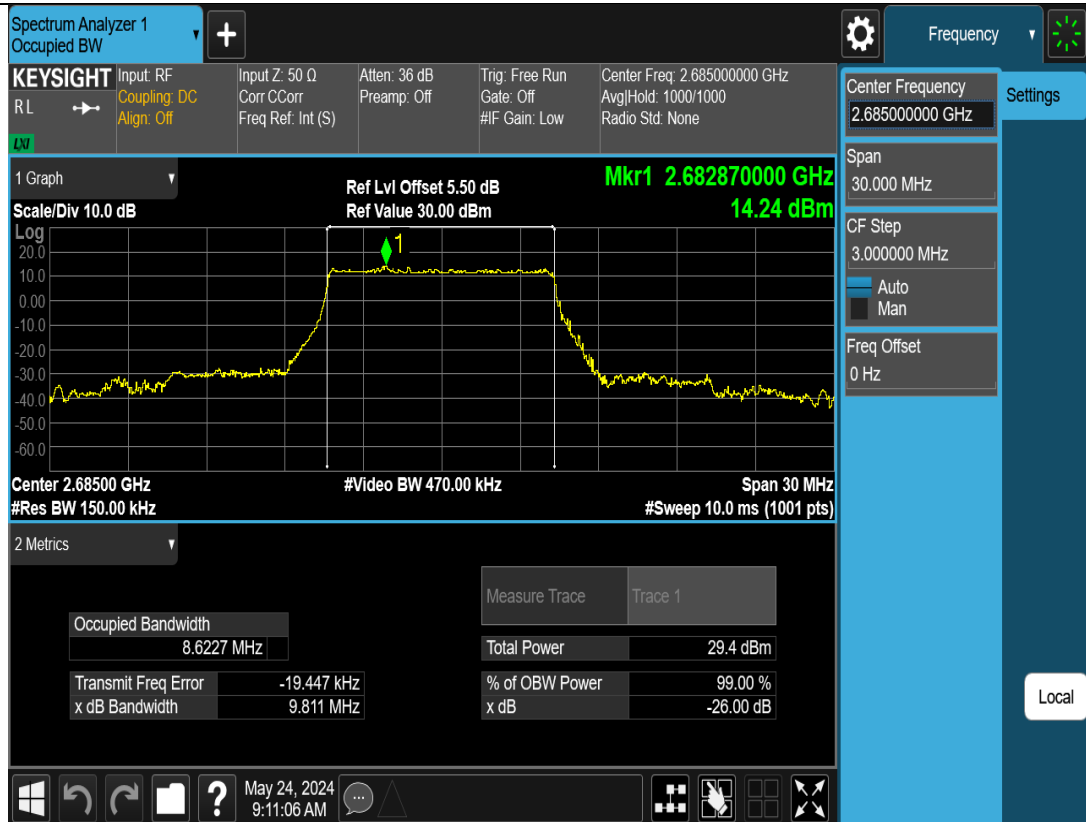
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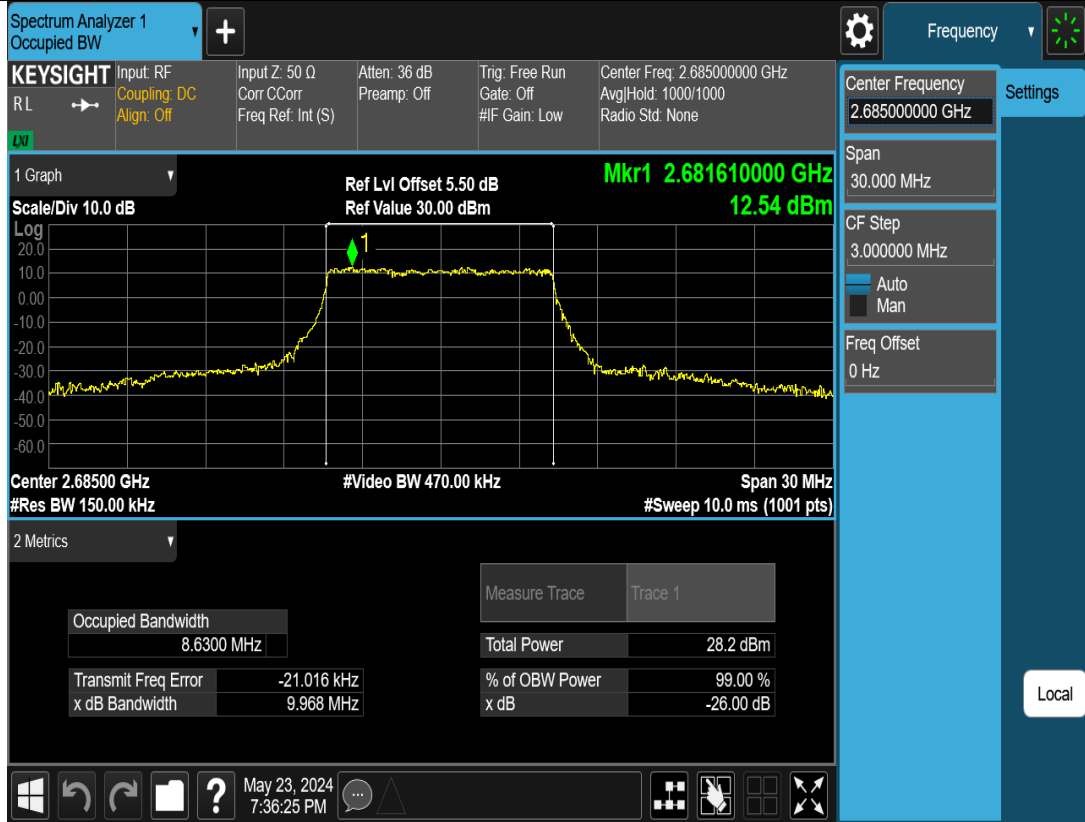
N41-10M-OBW-M-CP-OFDM-256QAM



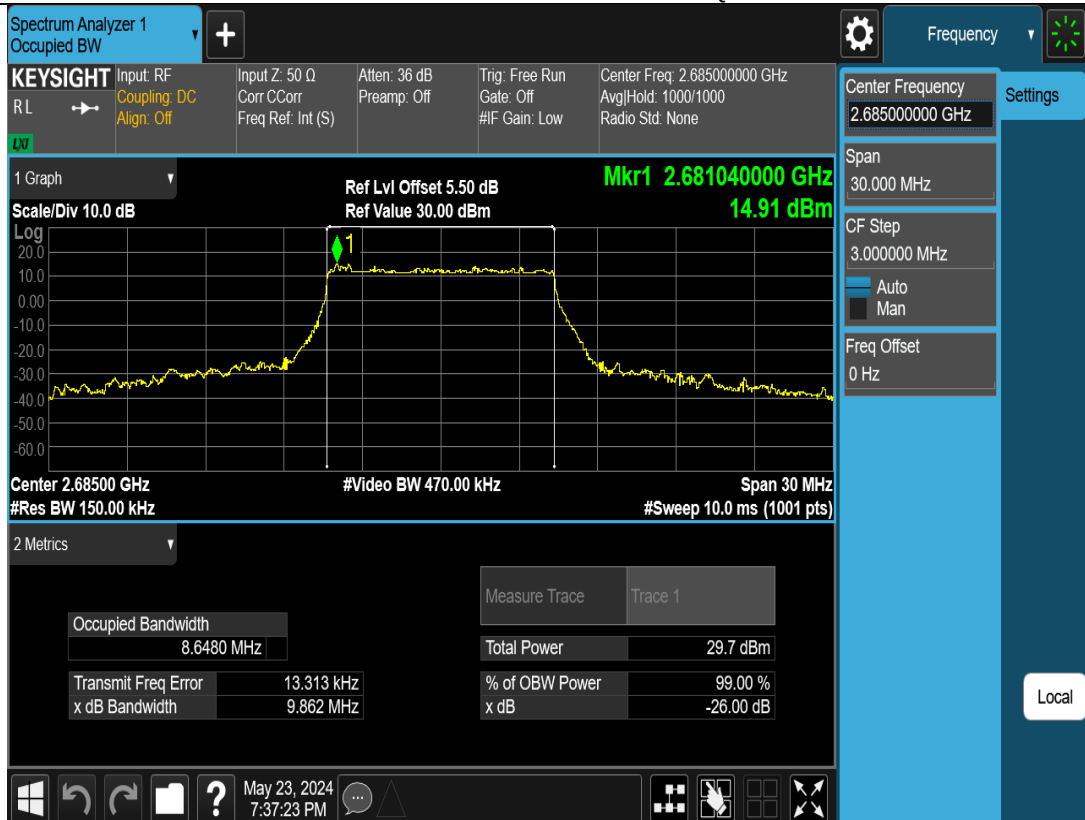
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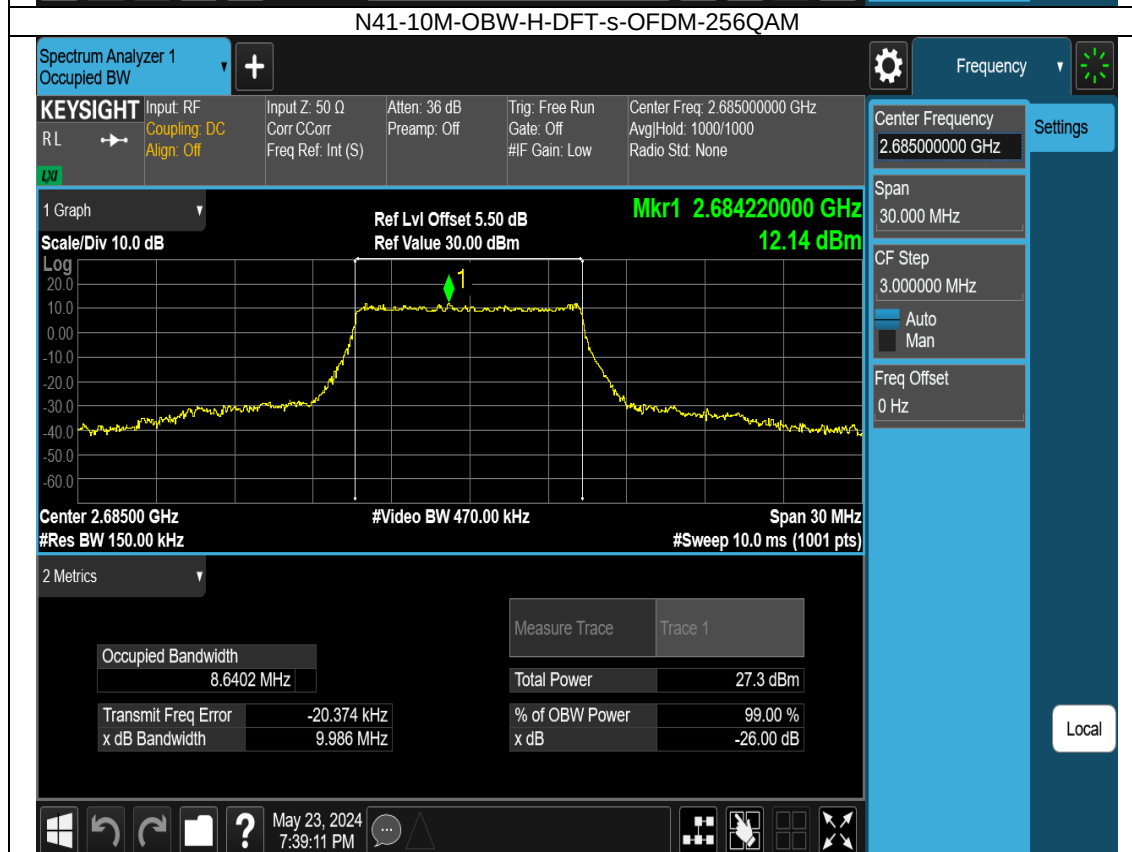
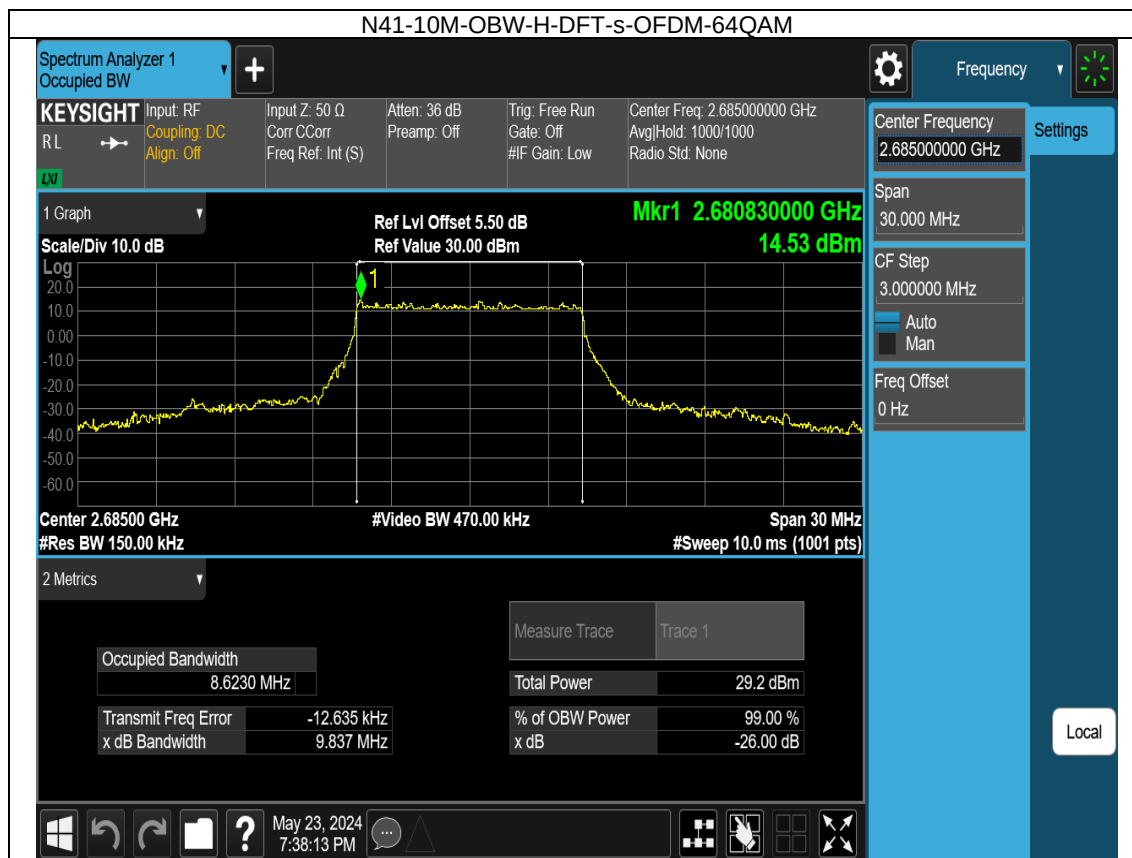


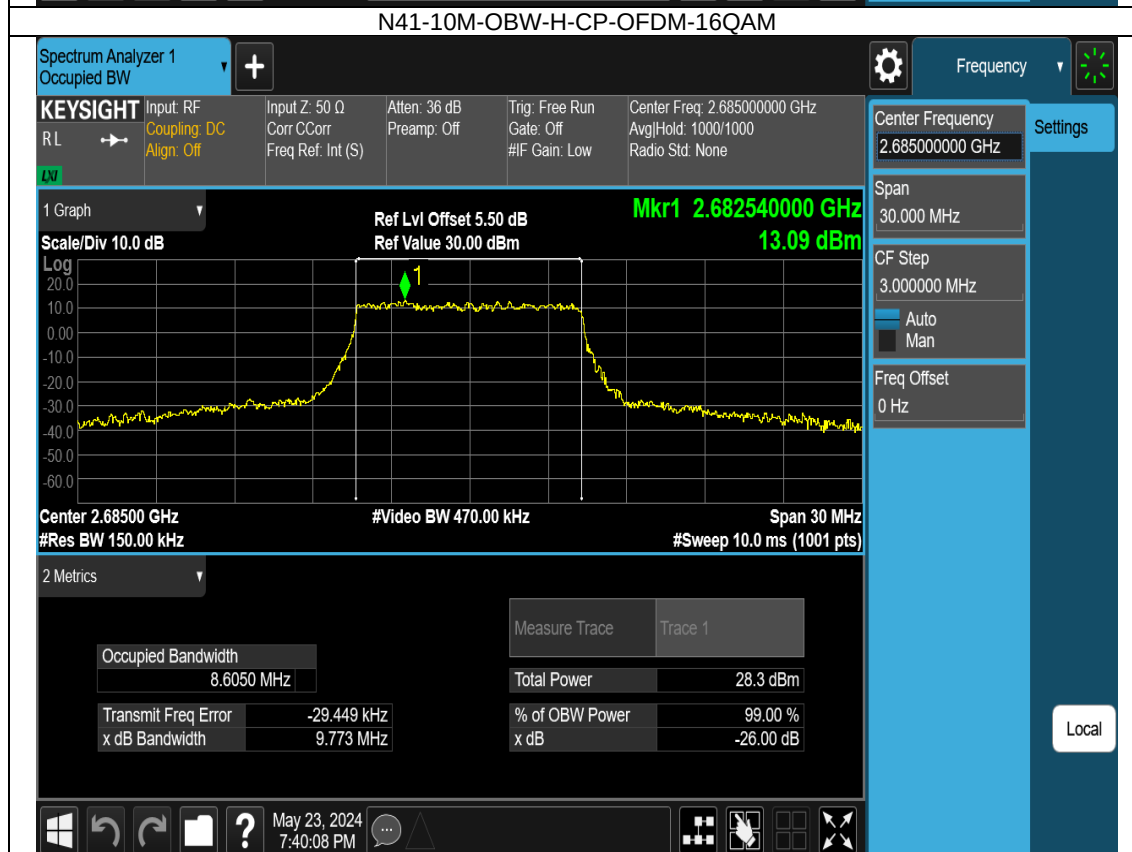
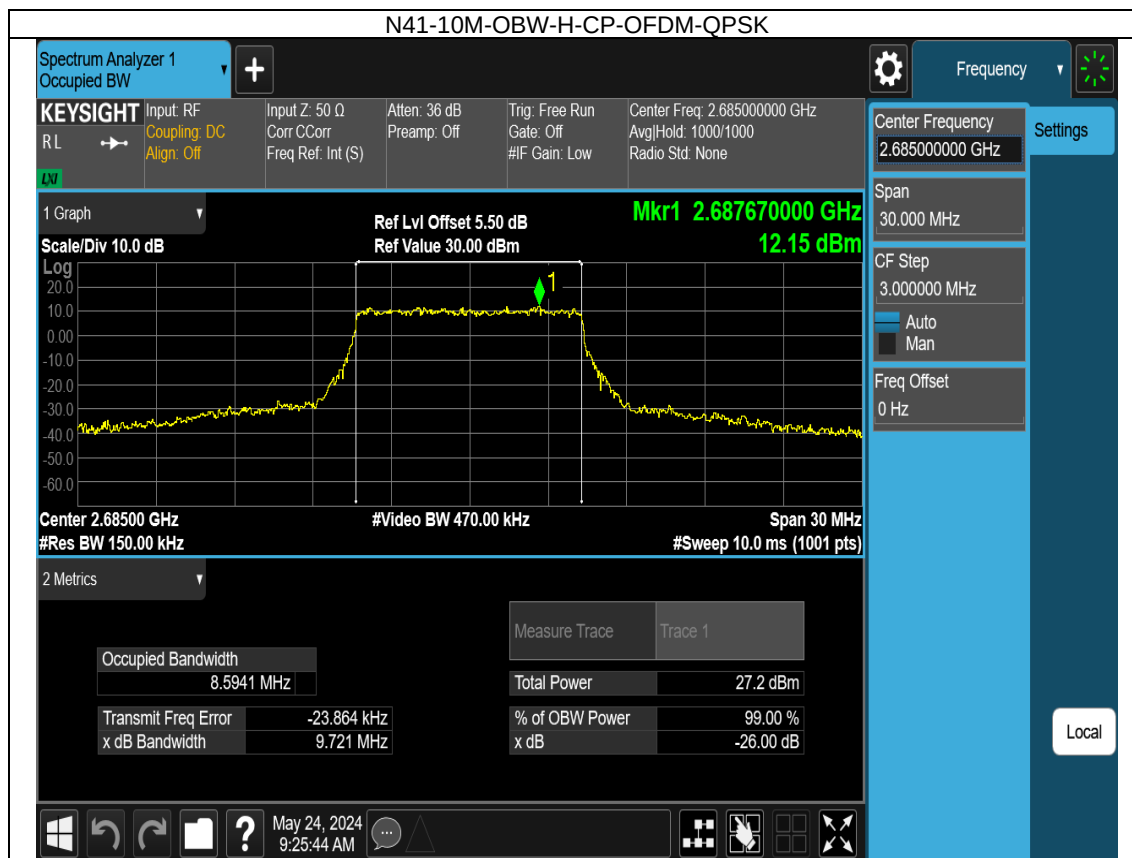
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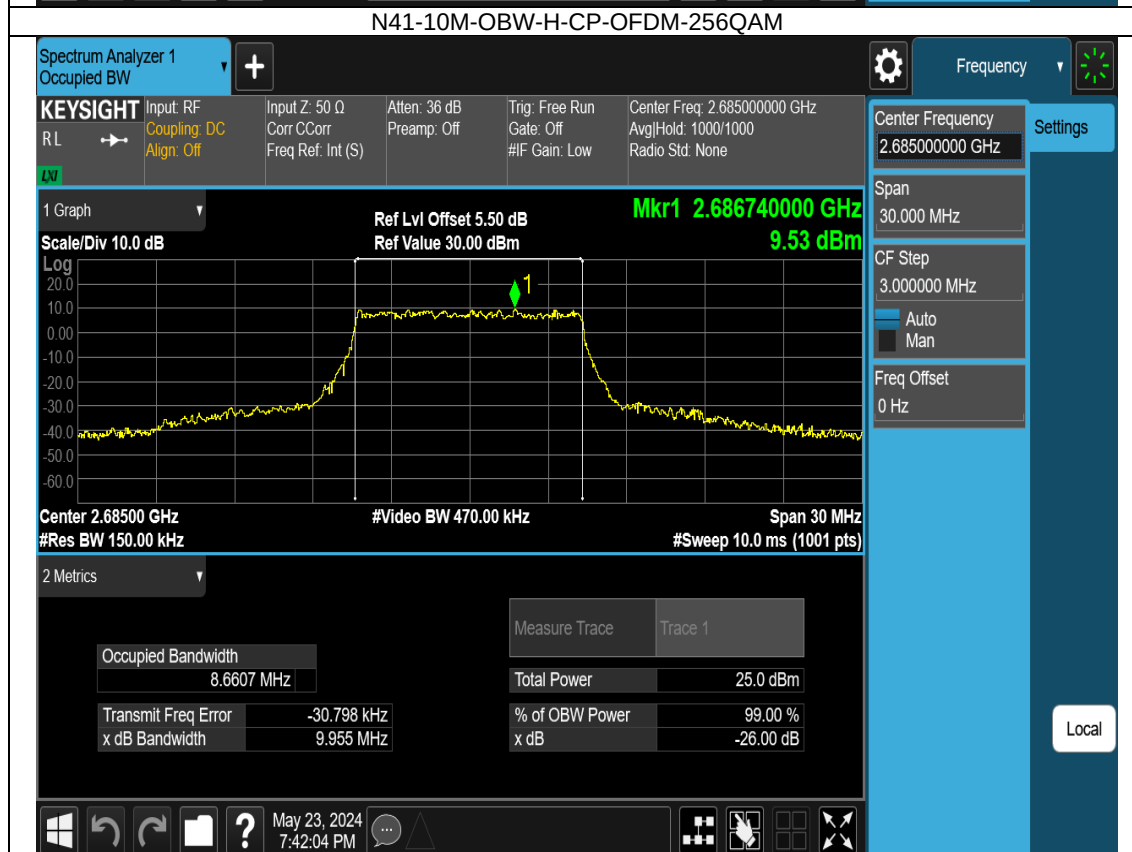
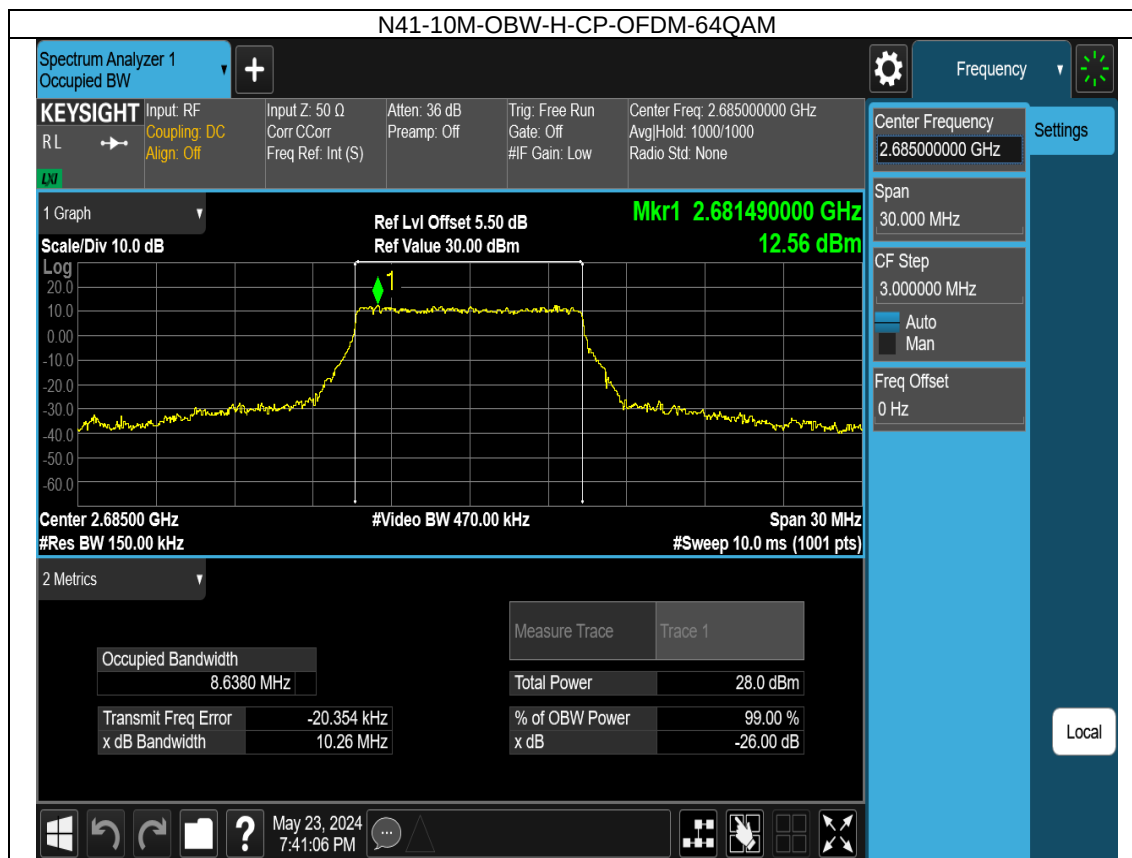


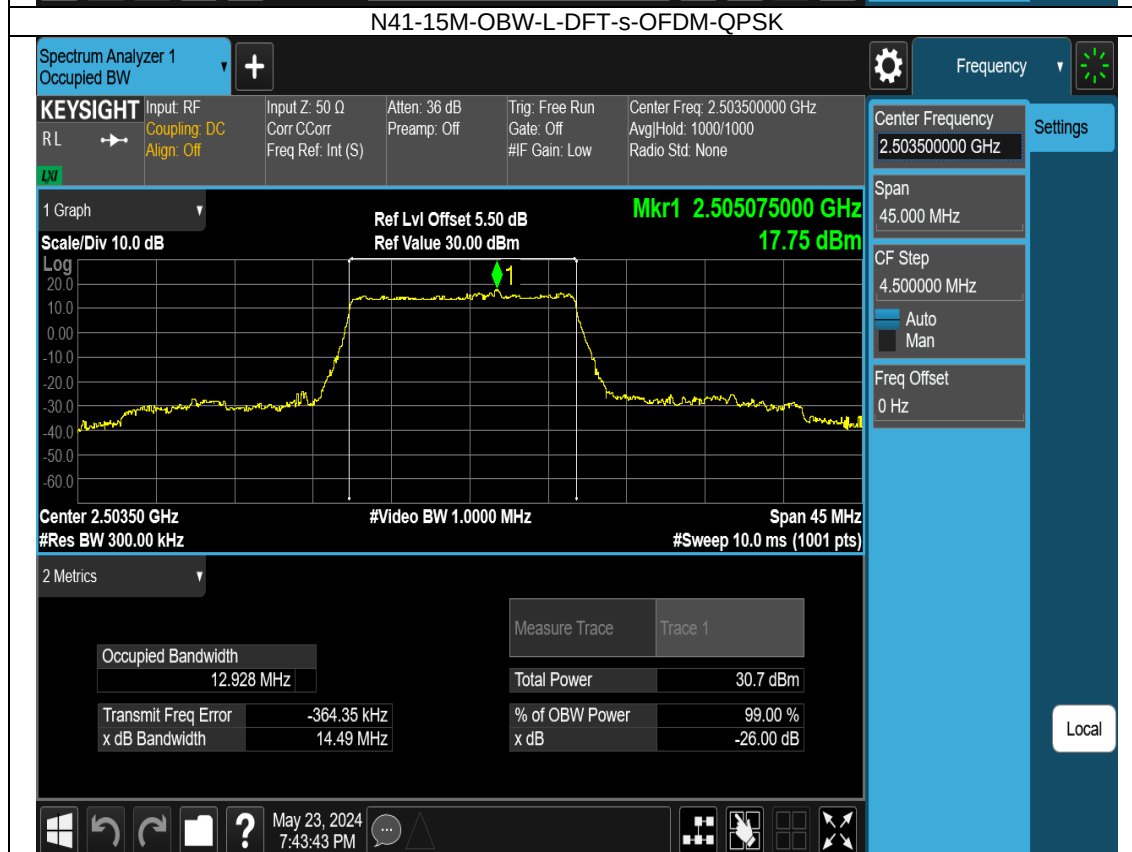
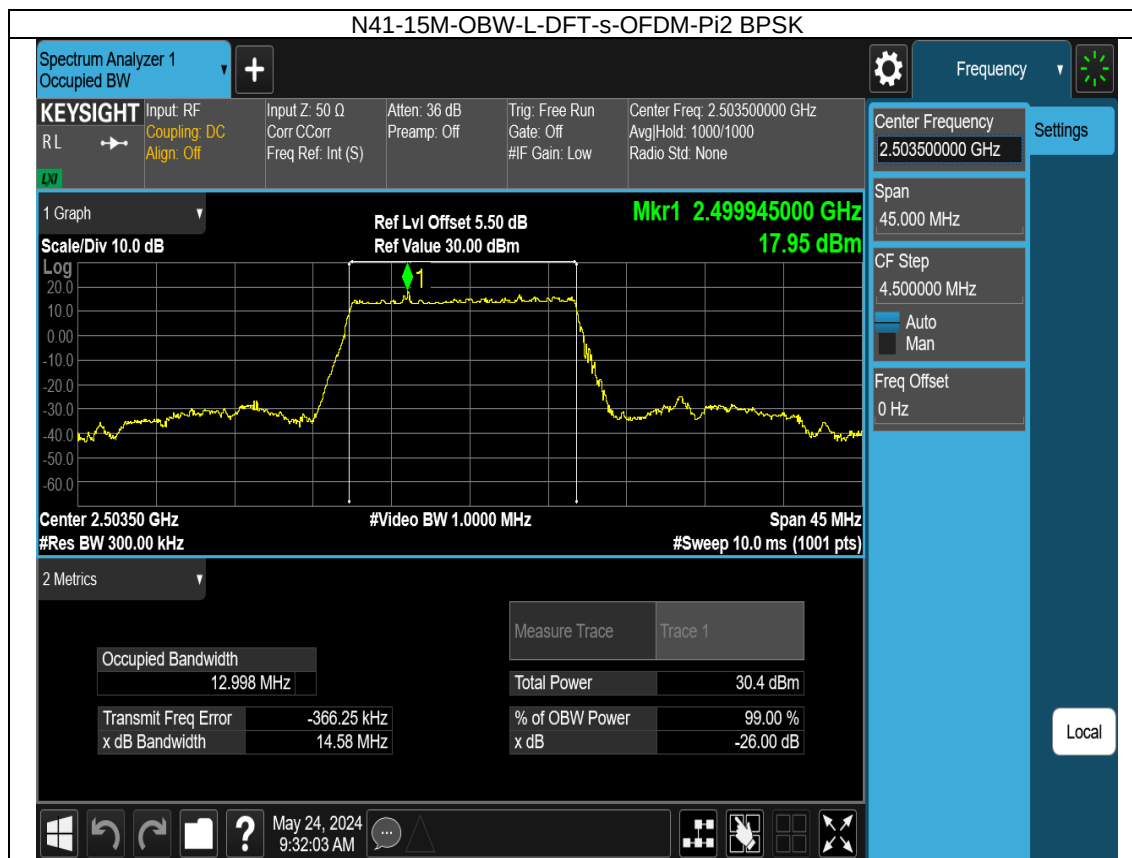
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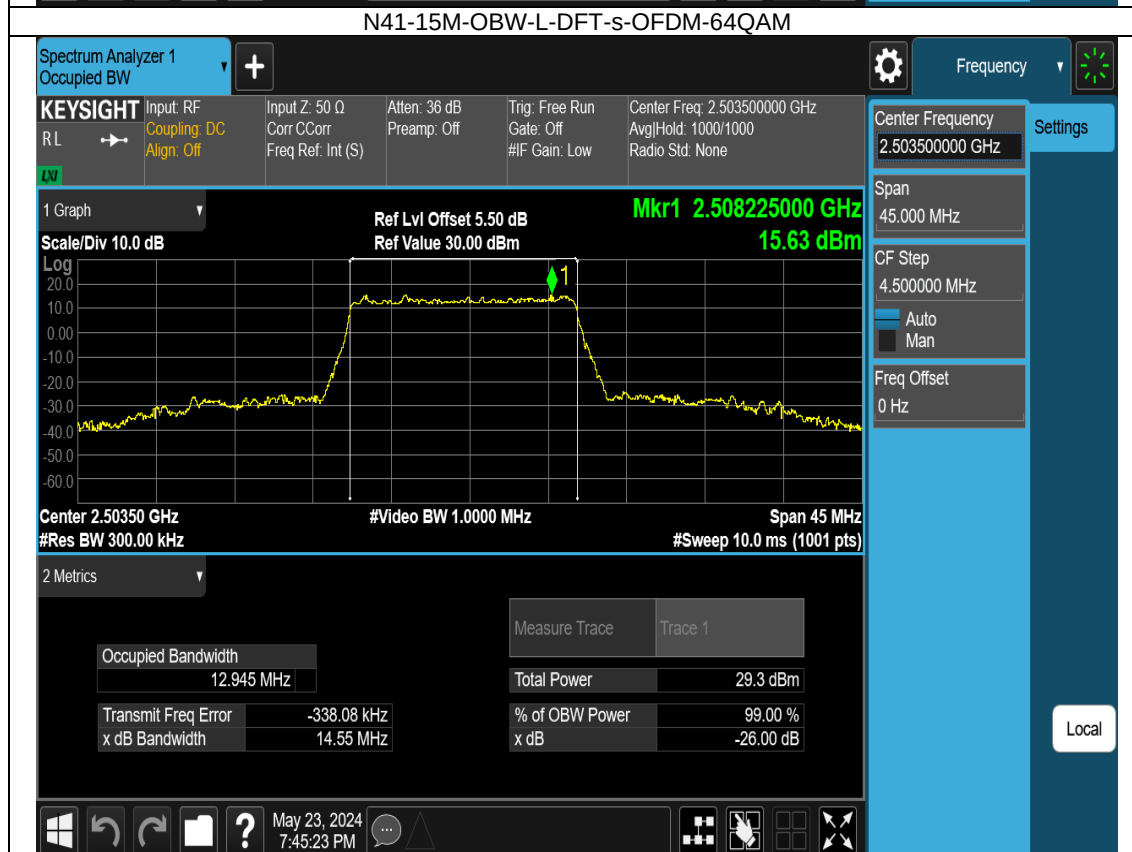
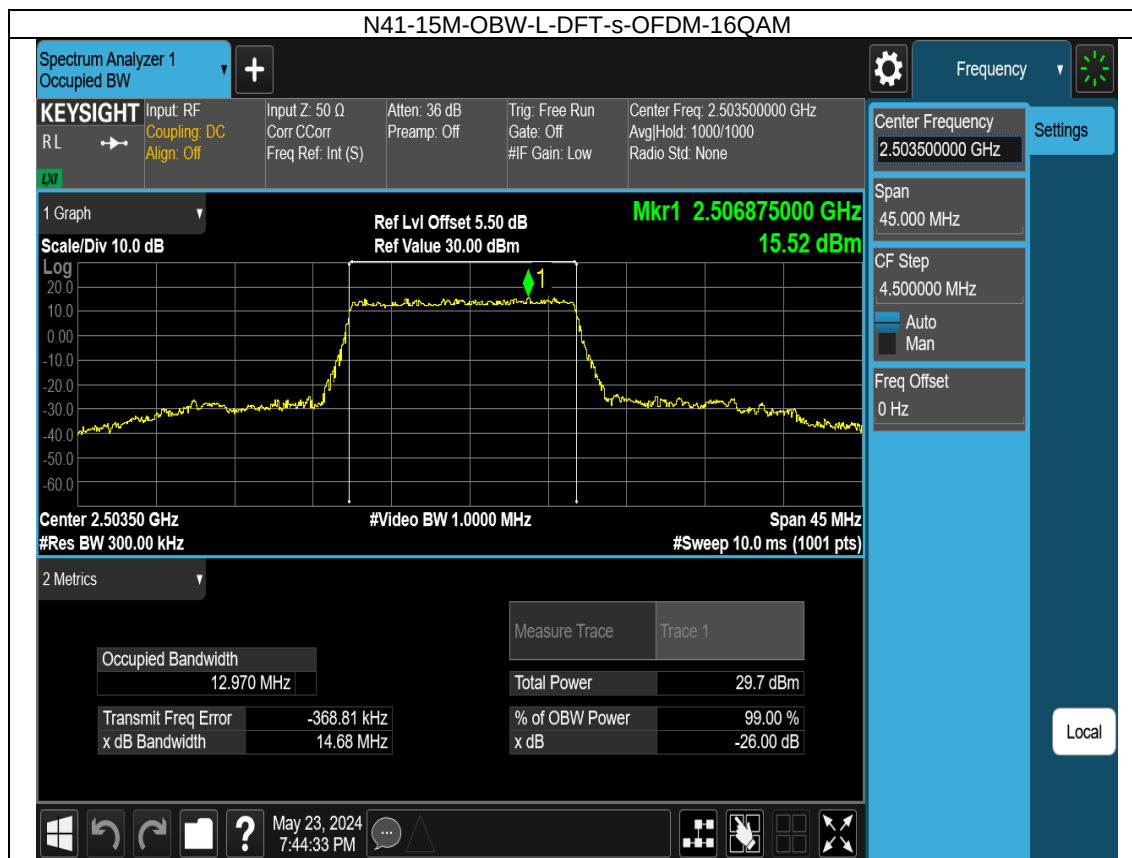


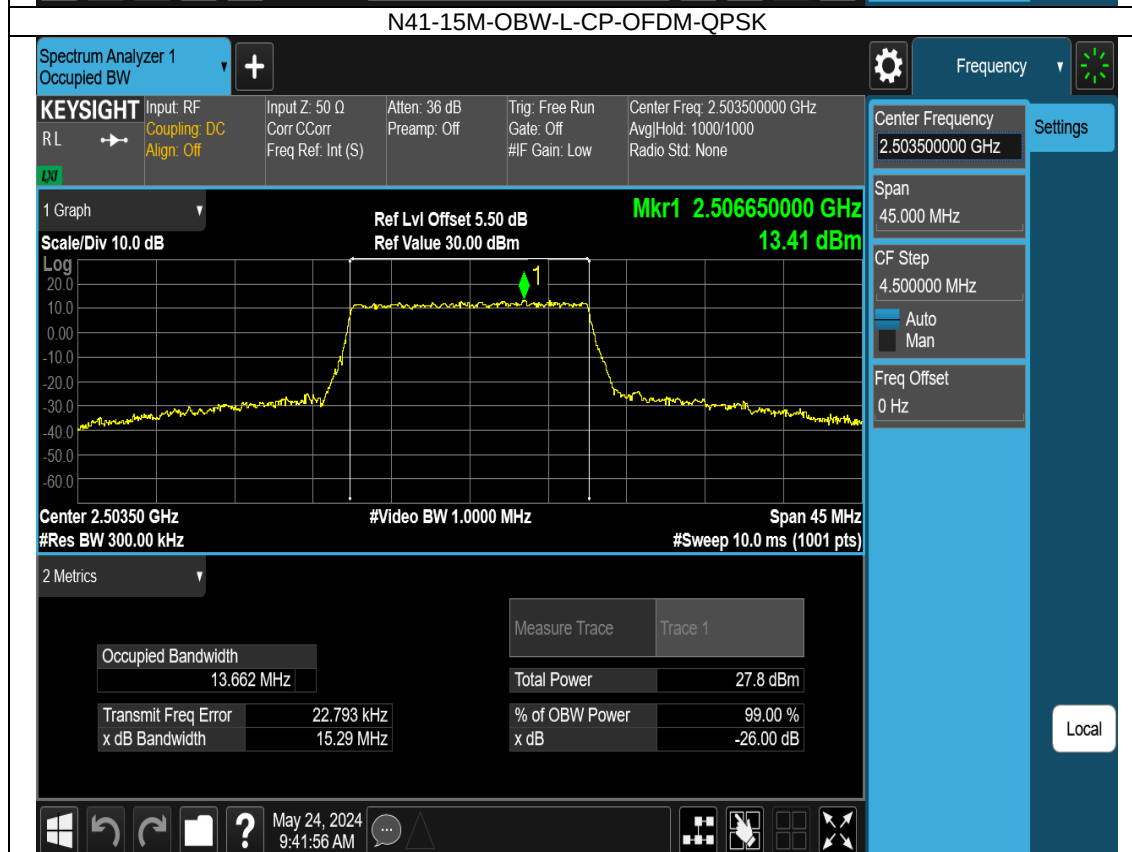
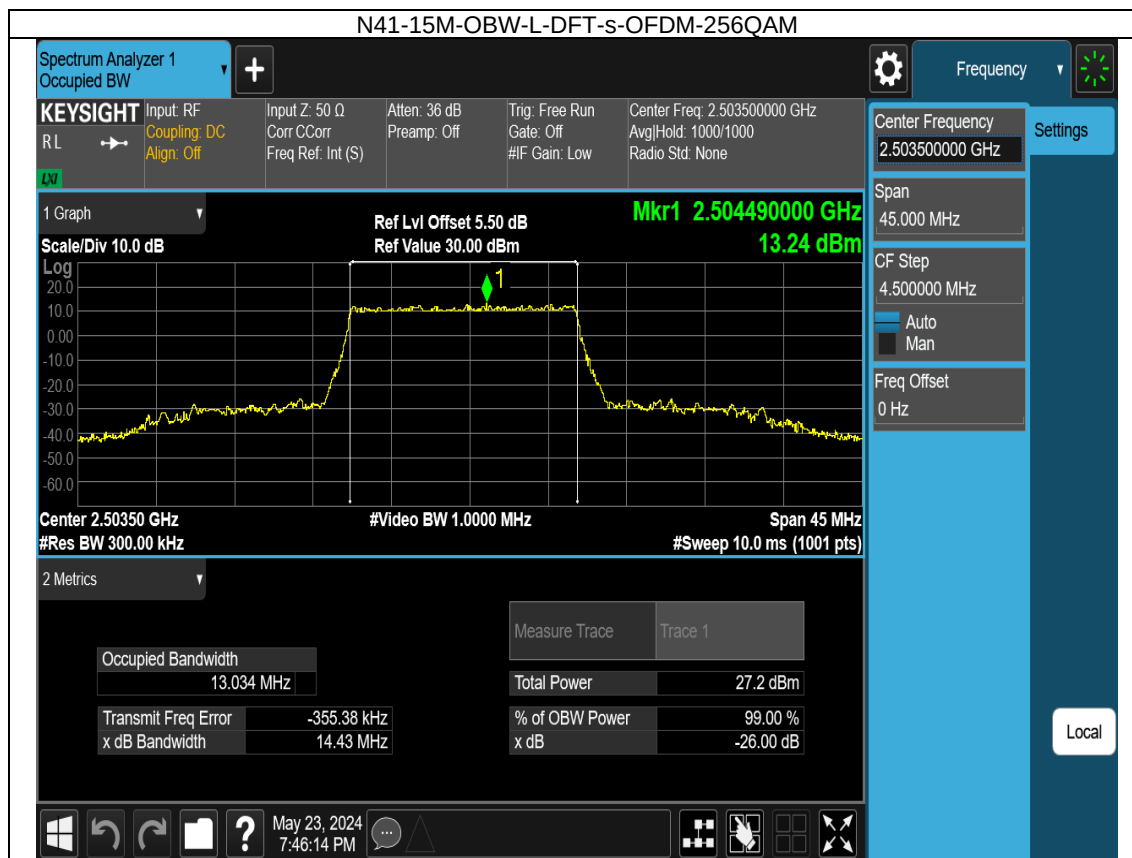


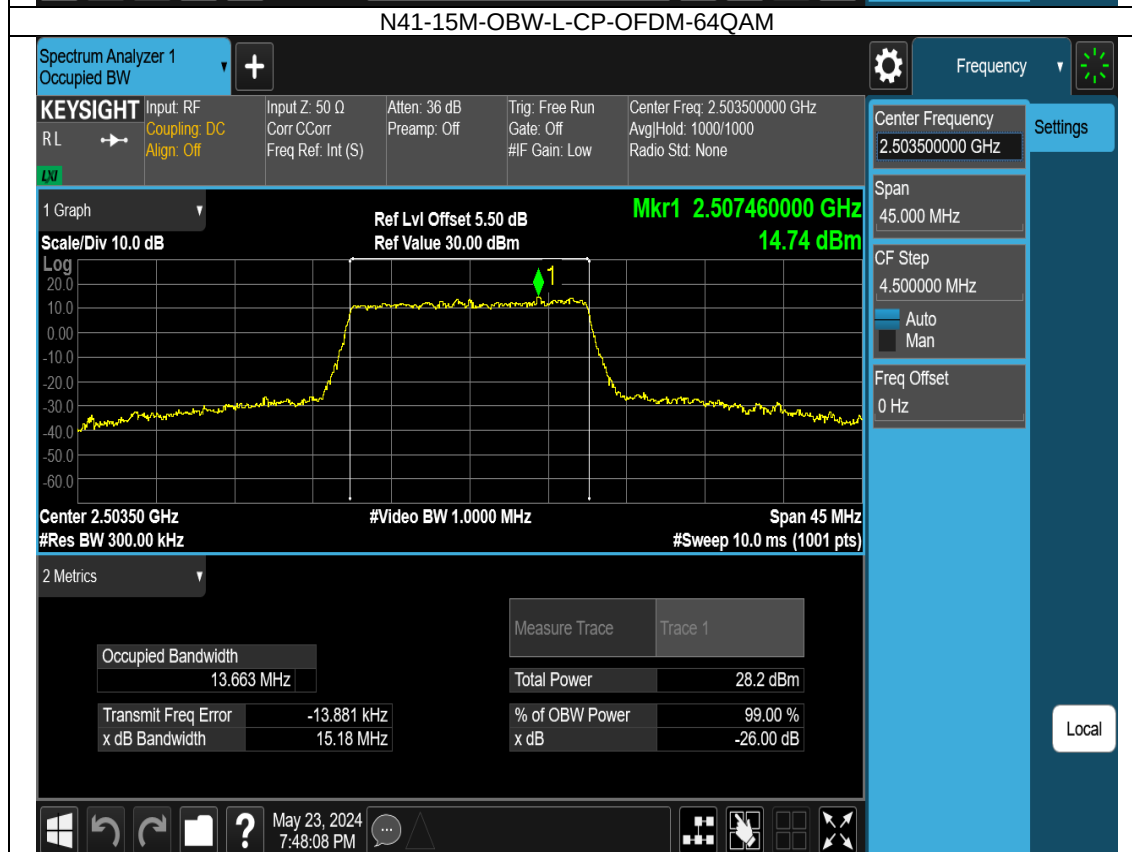
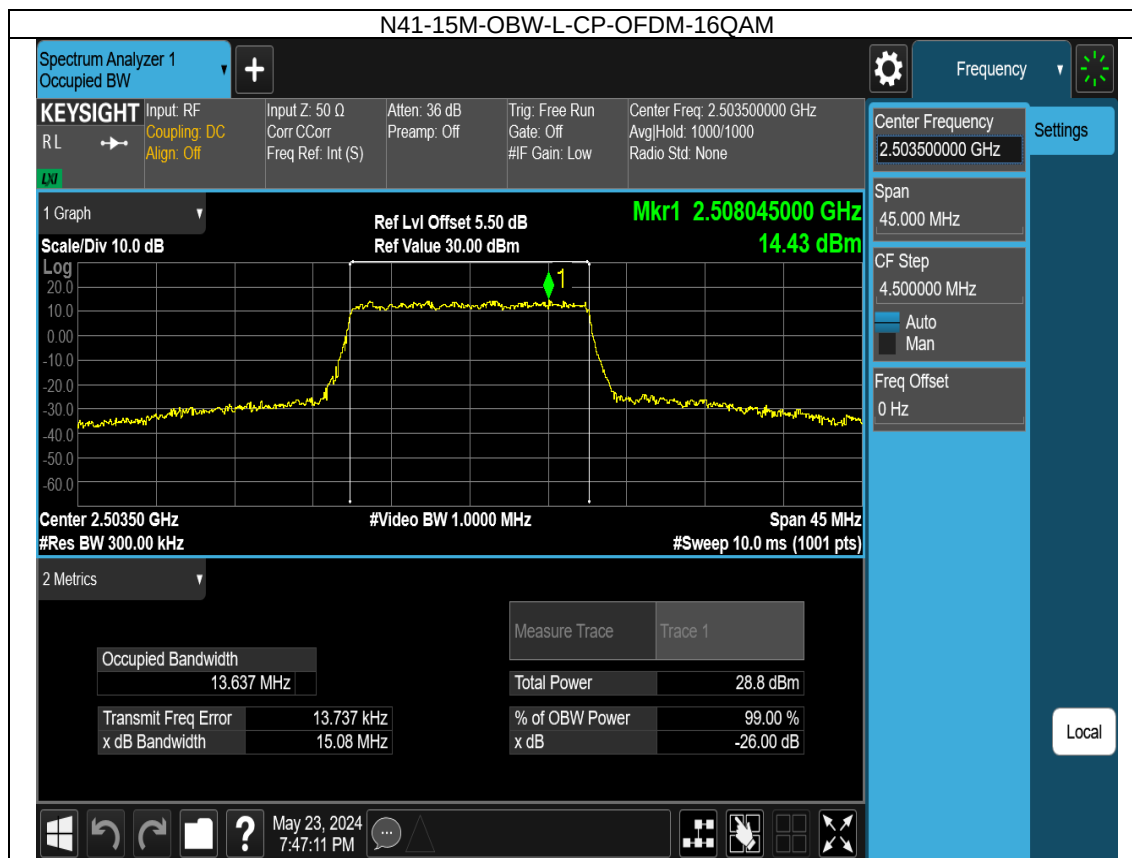


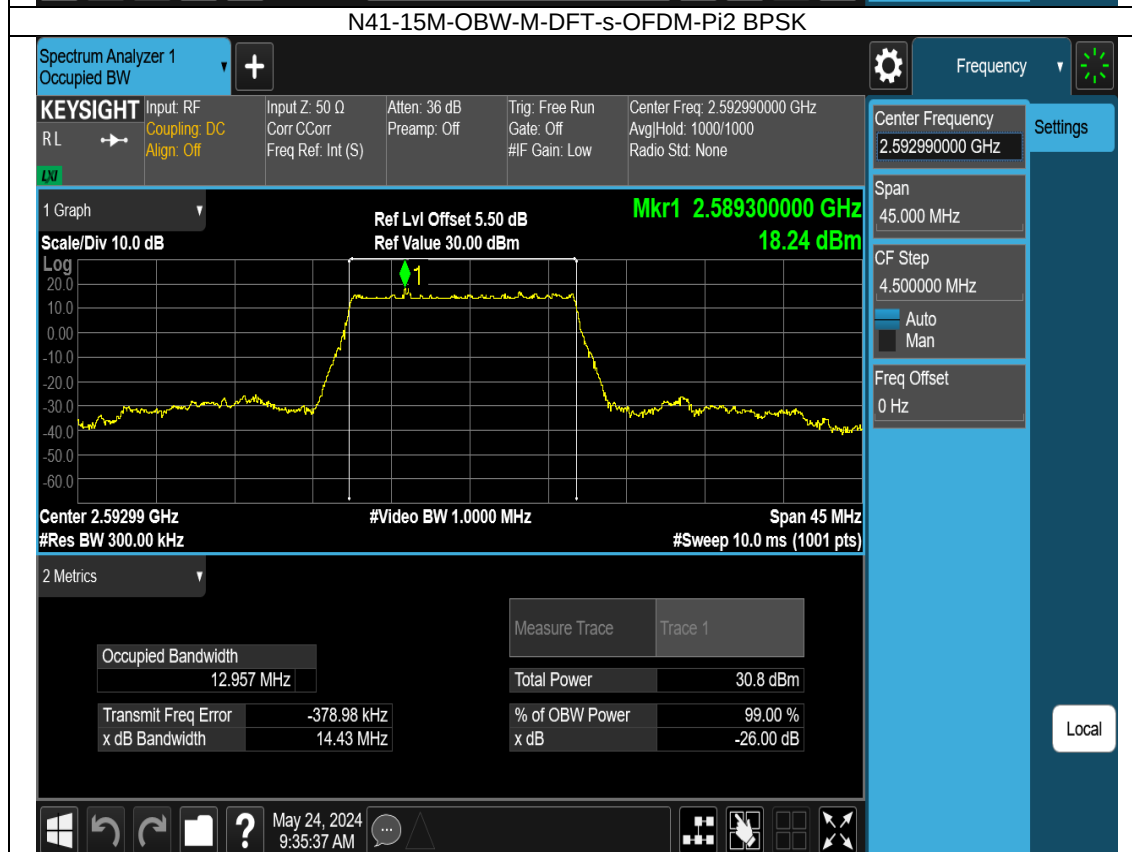
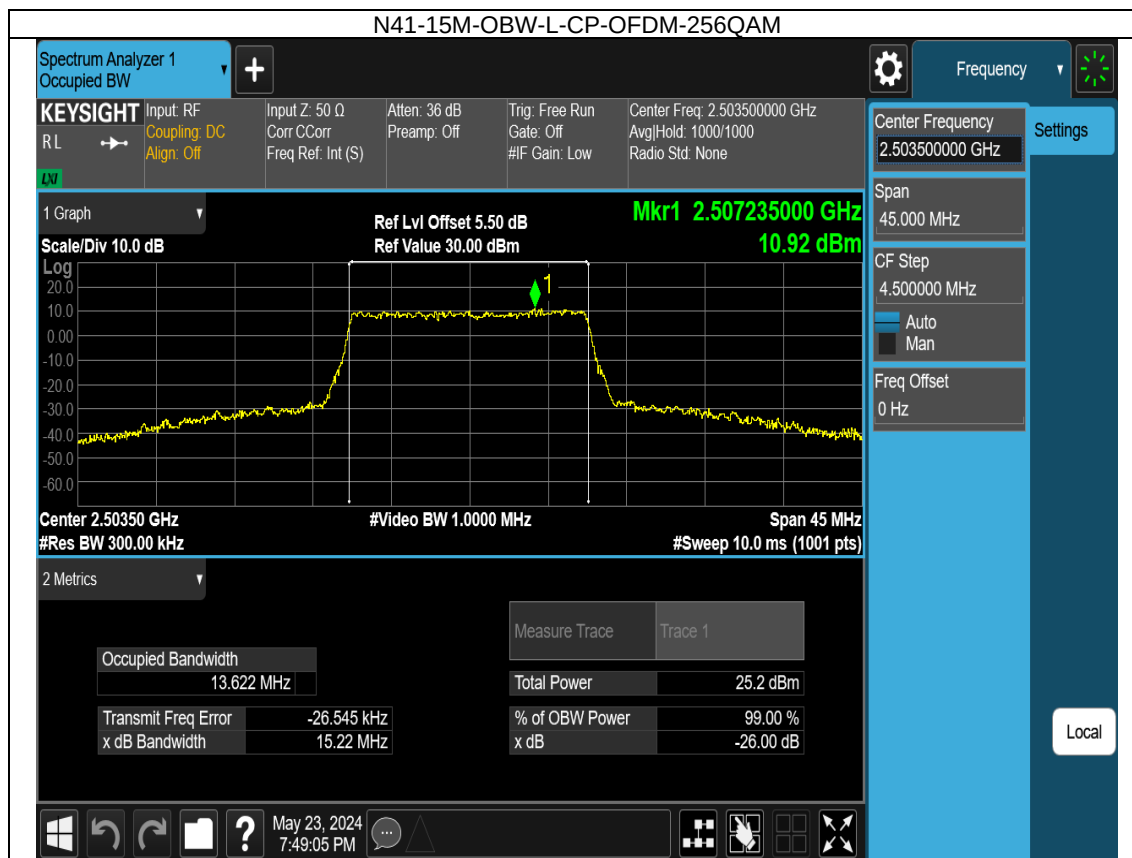




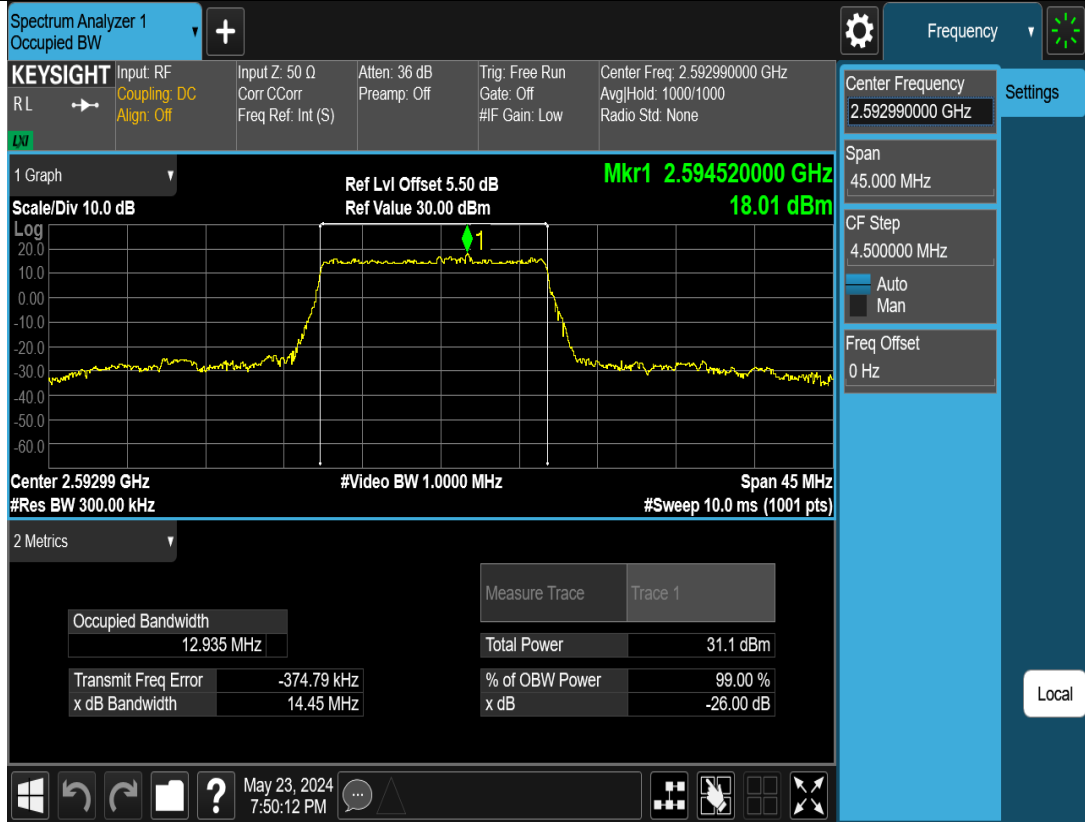




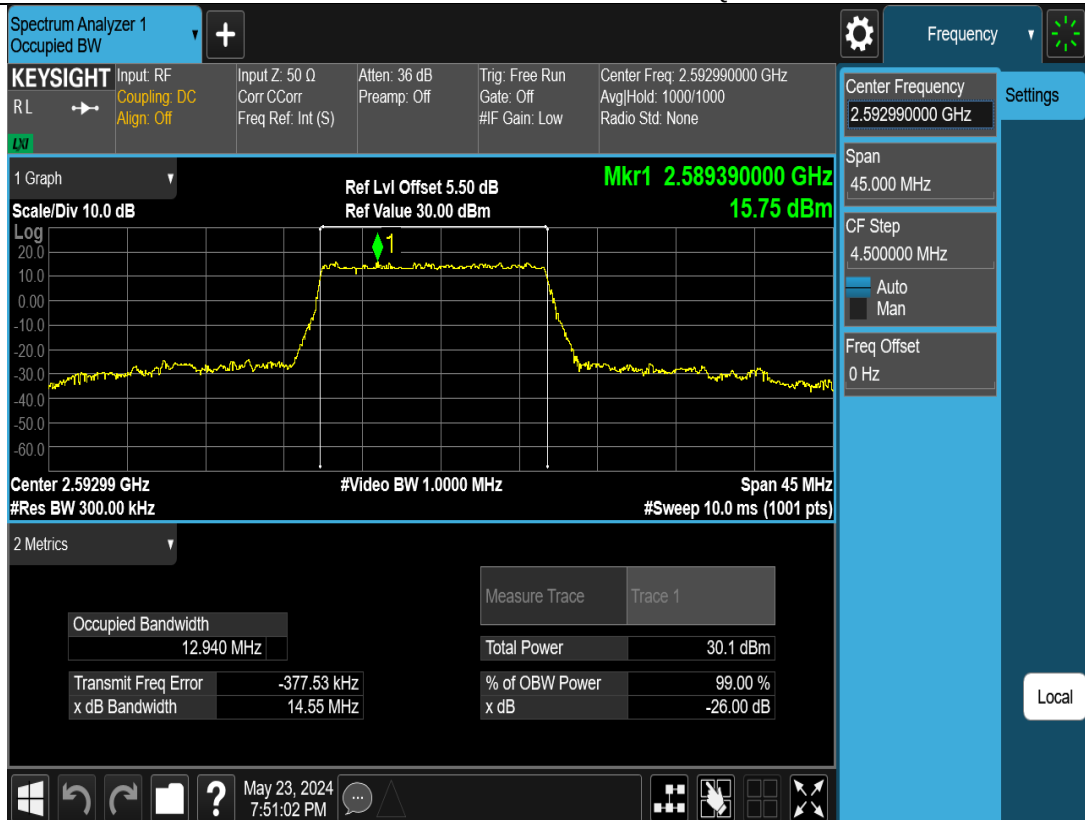


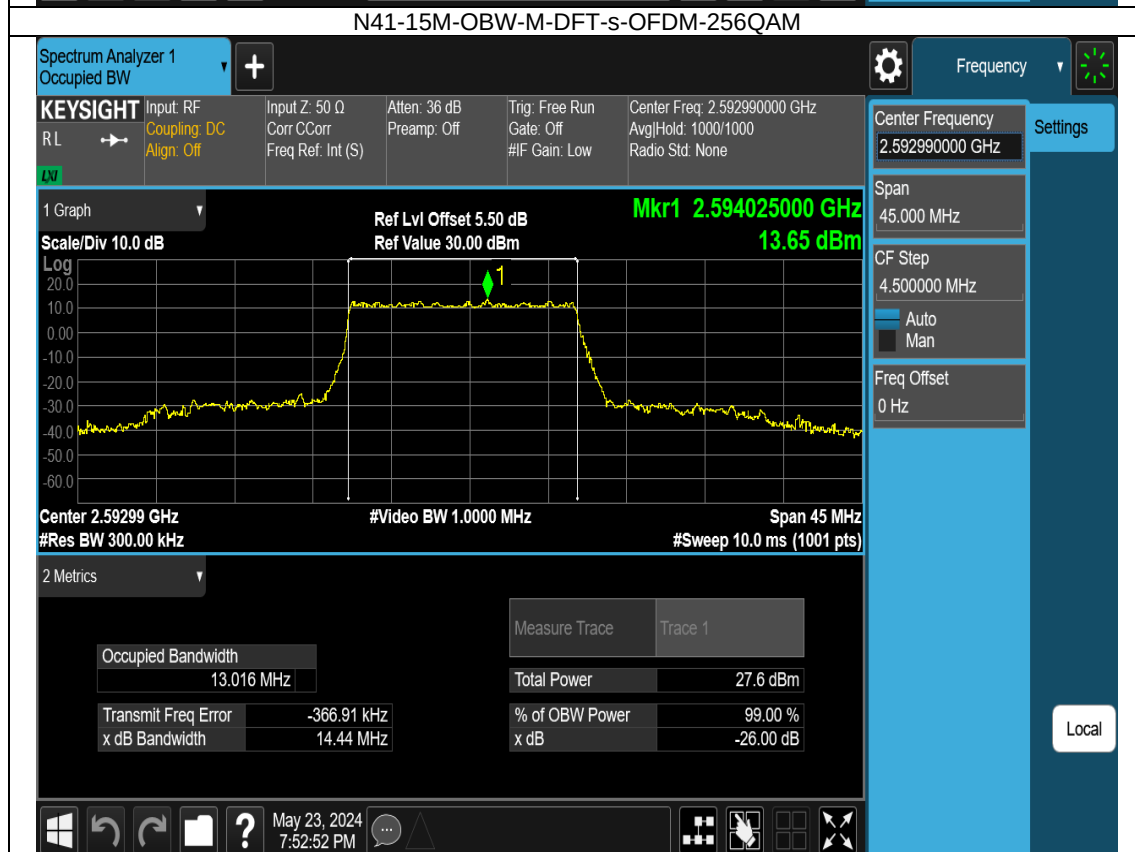
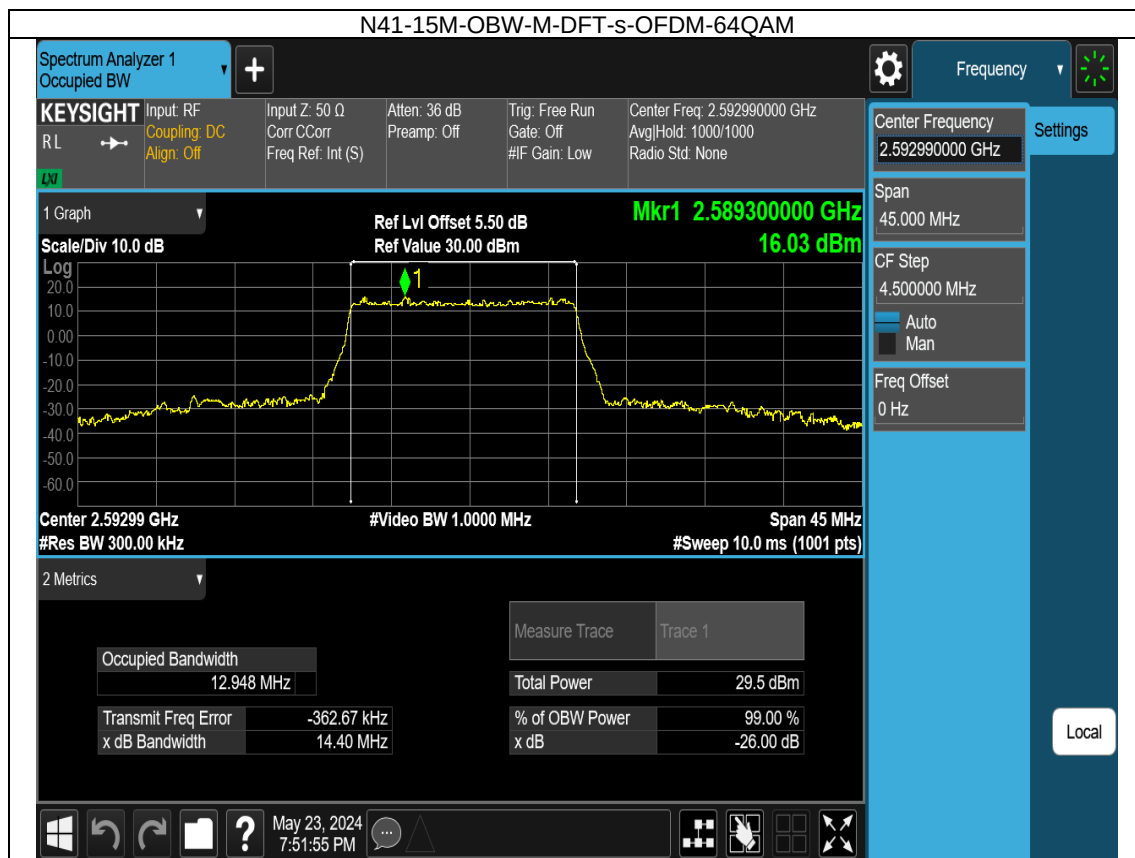


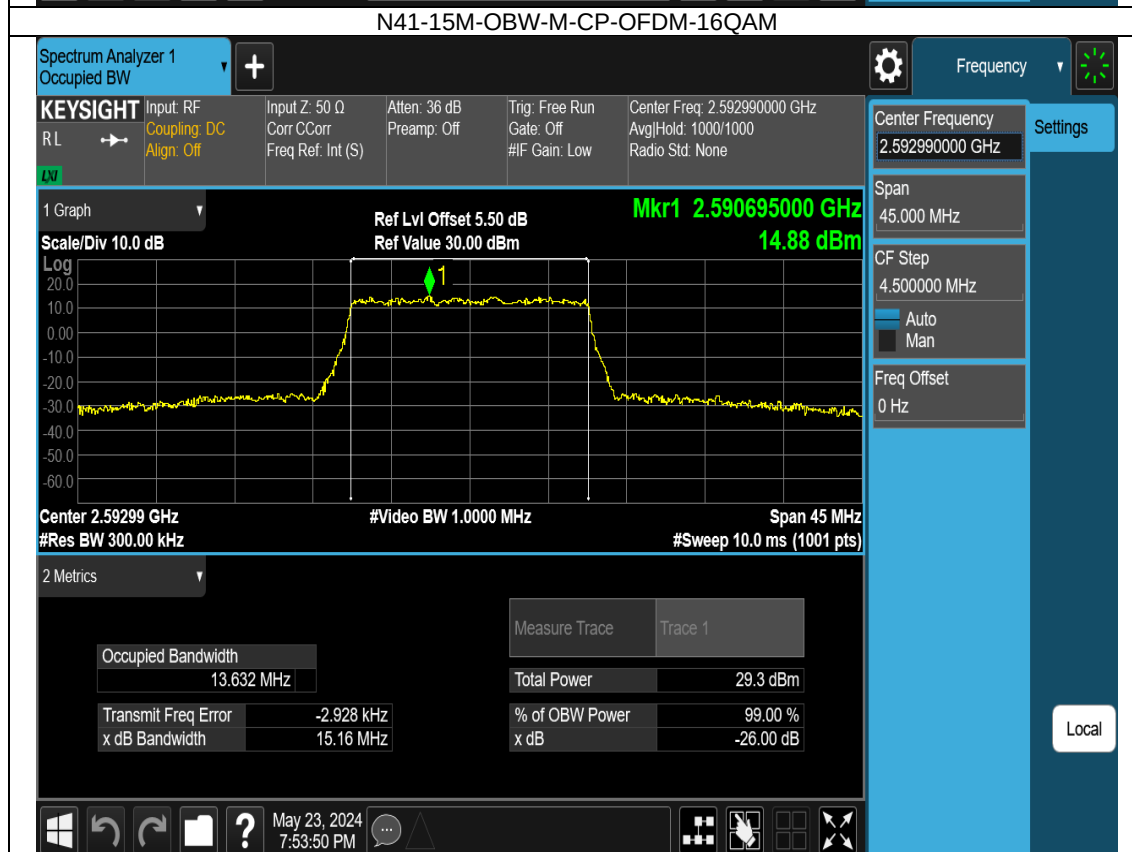
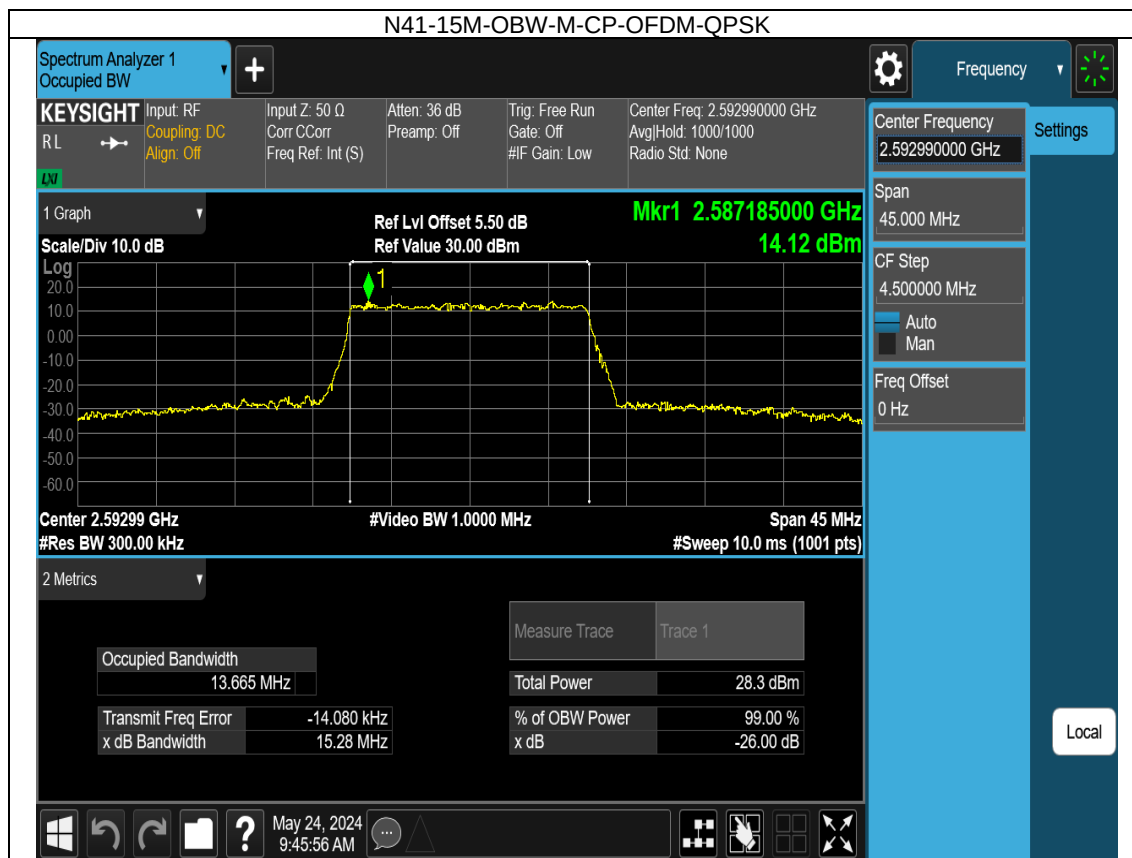
N41-15M-OBW-M-DFT-s-OFDM-QPSK



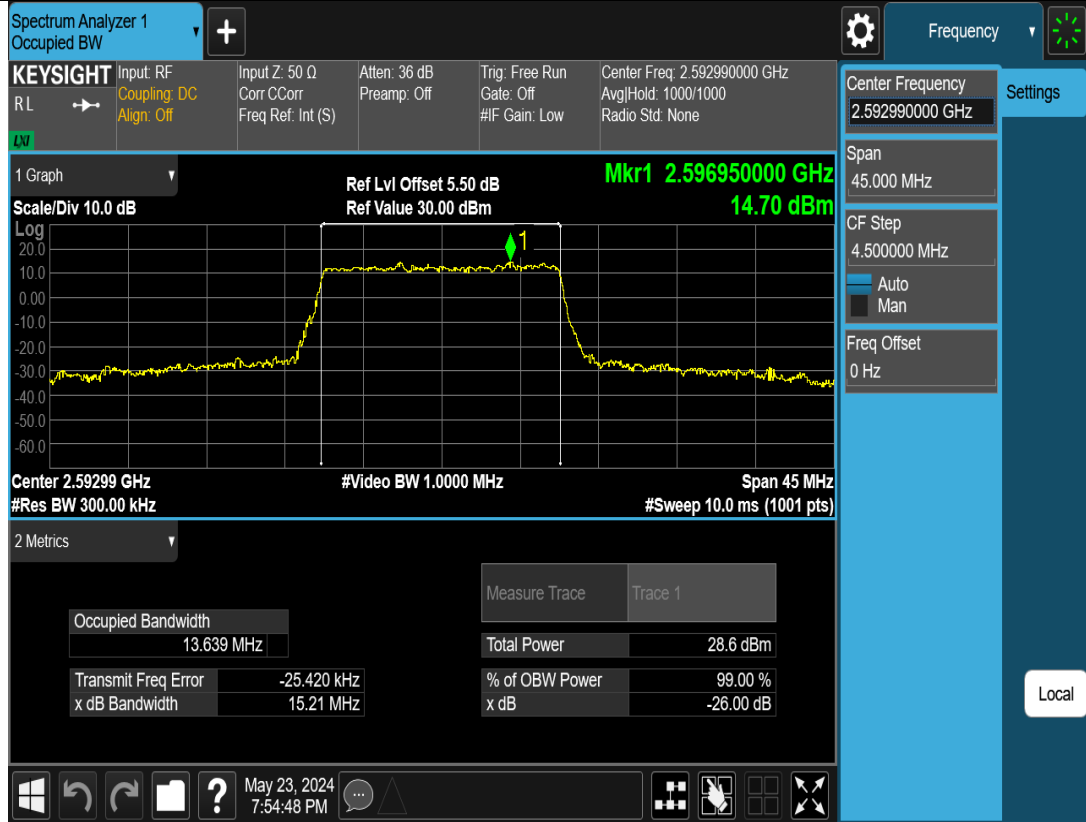
N41-15M-OBW-M-DFT-s-OFDM-16QAM



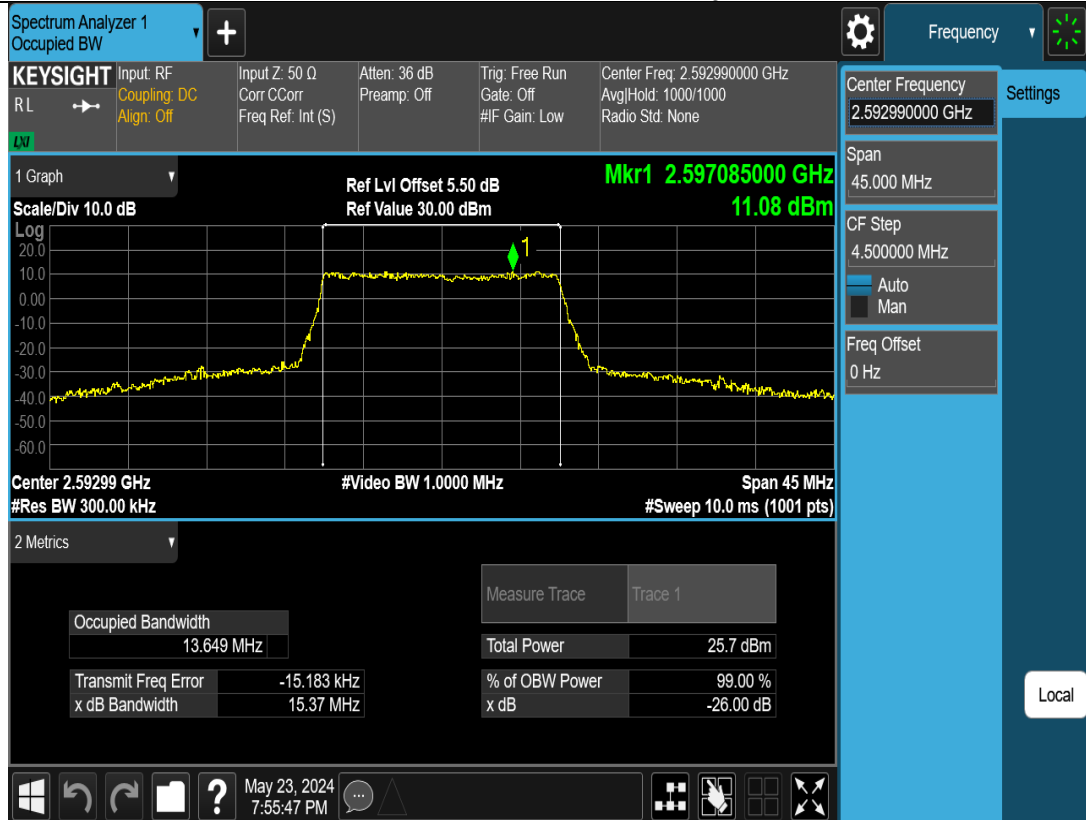


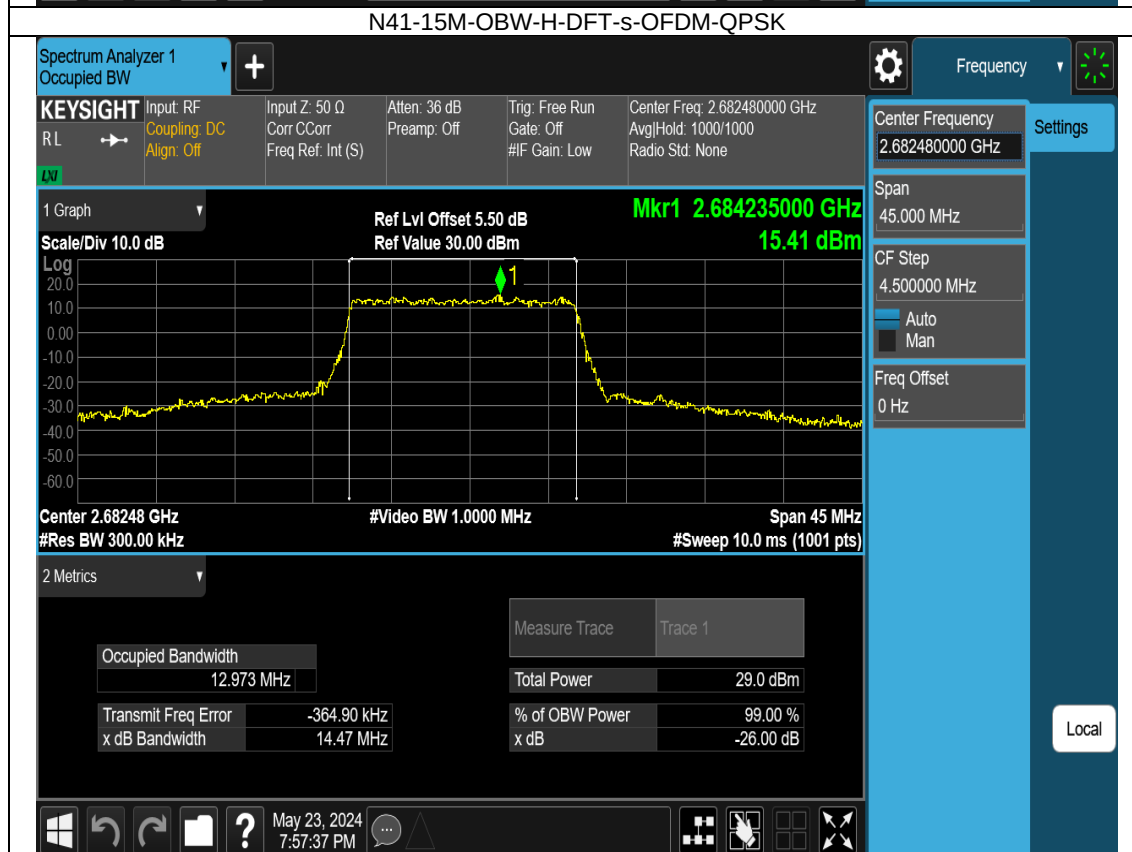
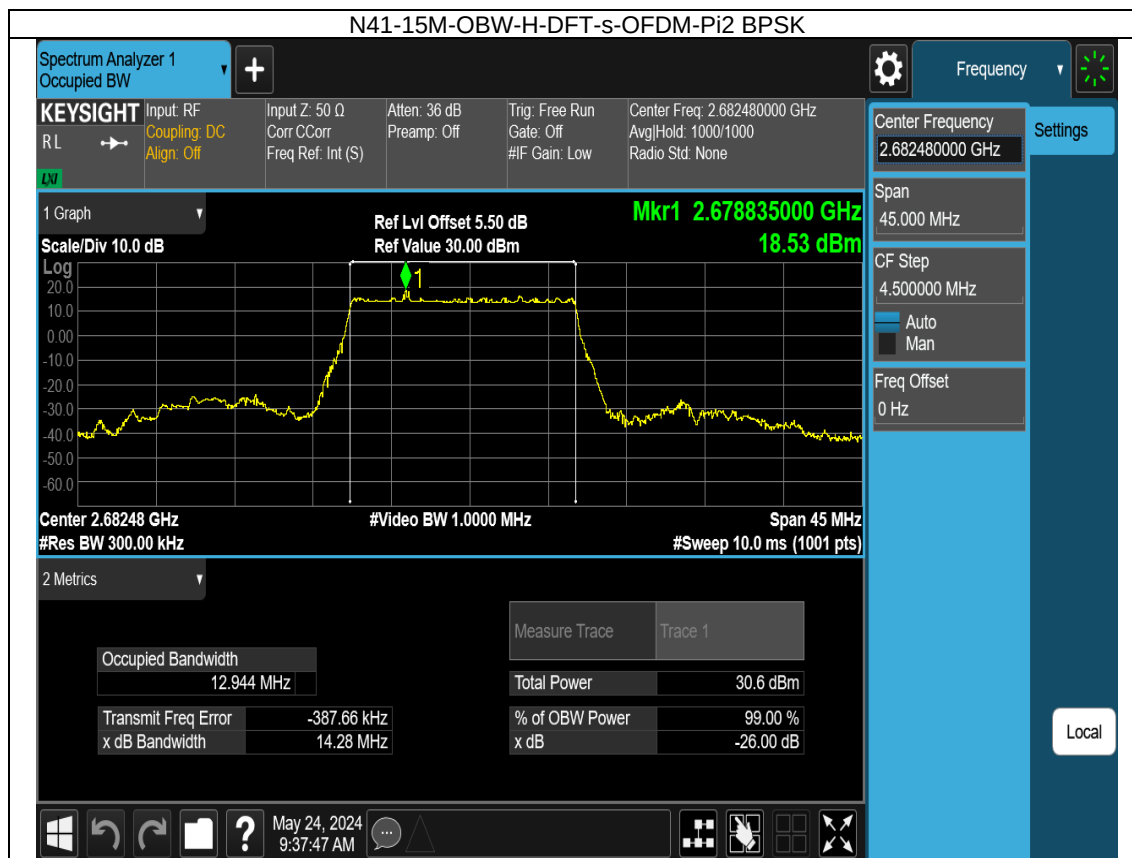


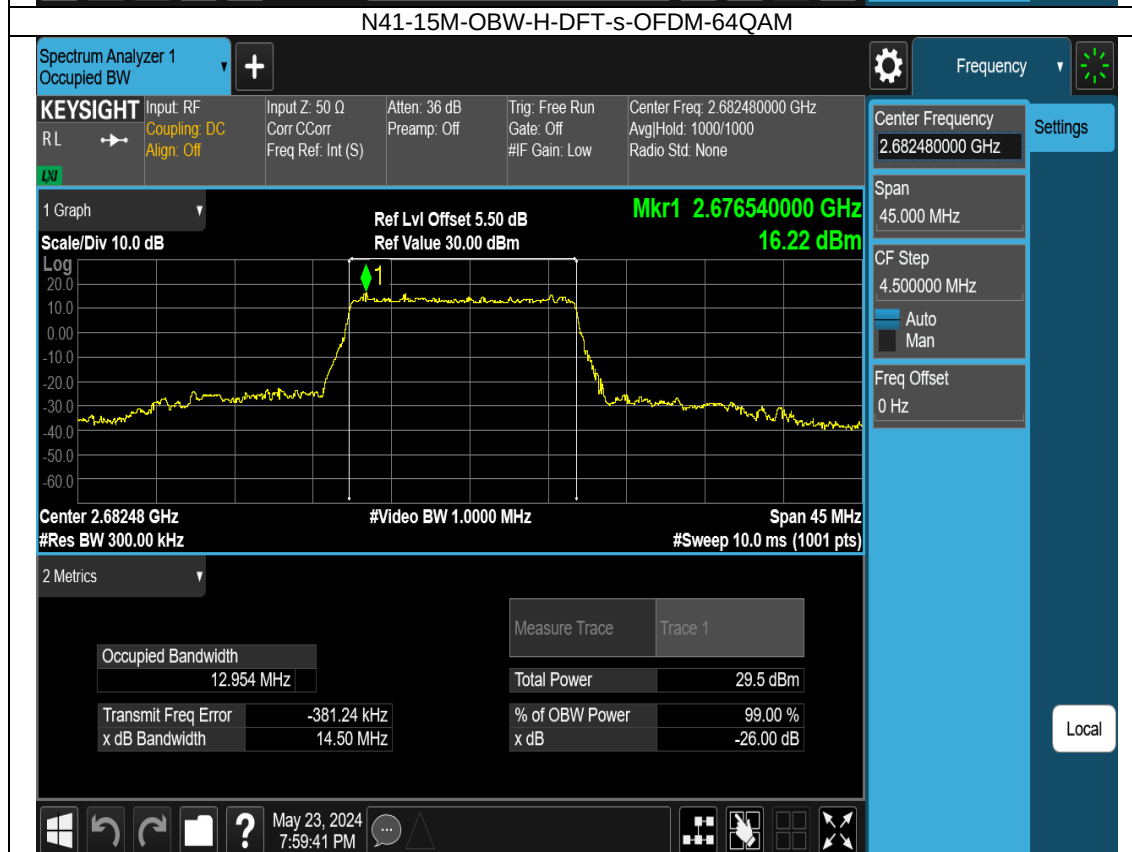
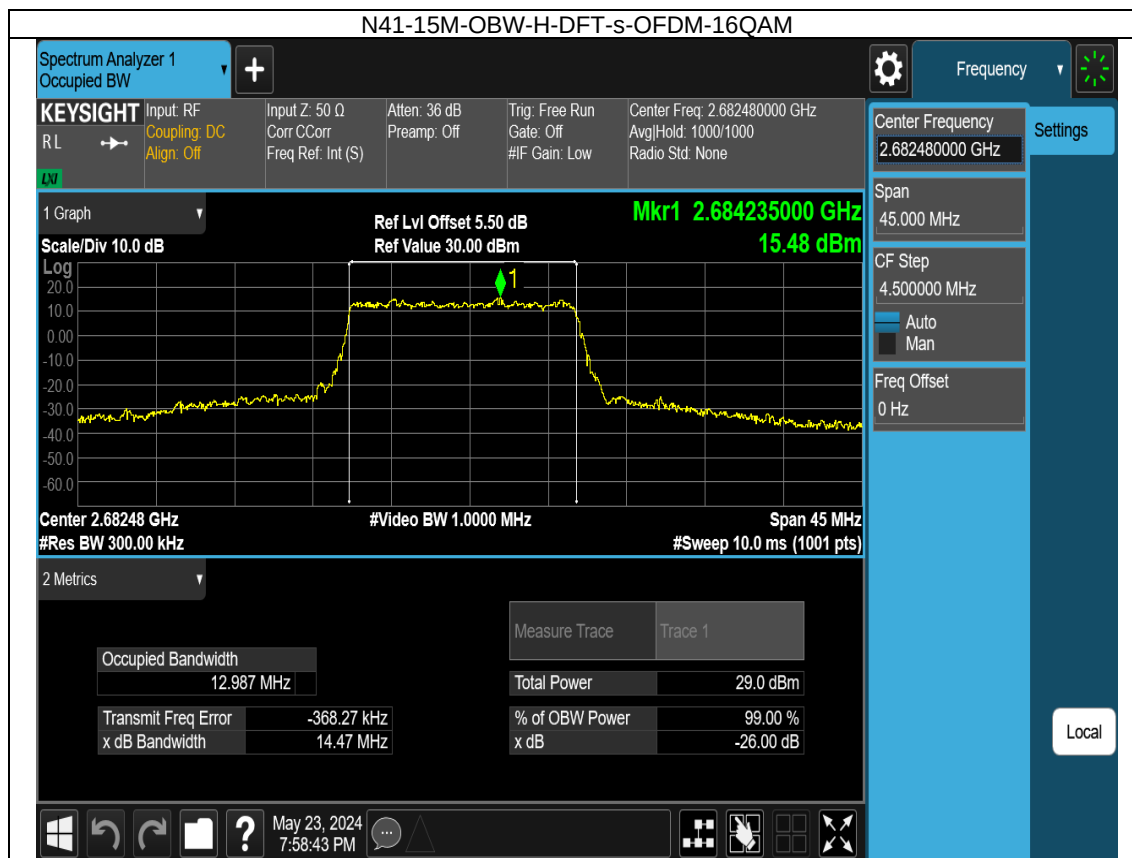
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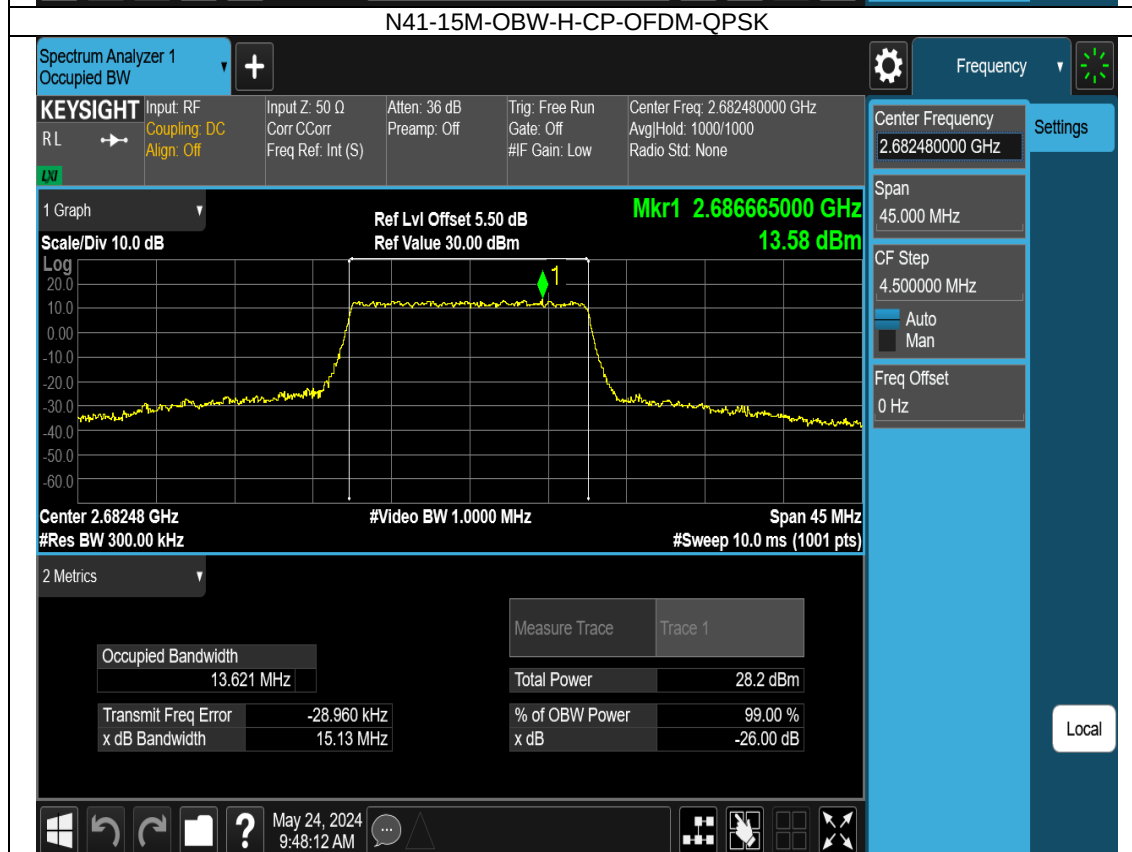
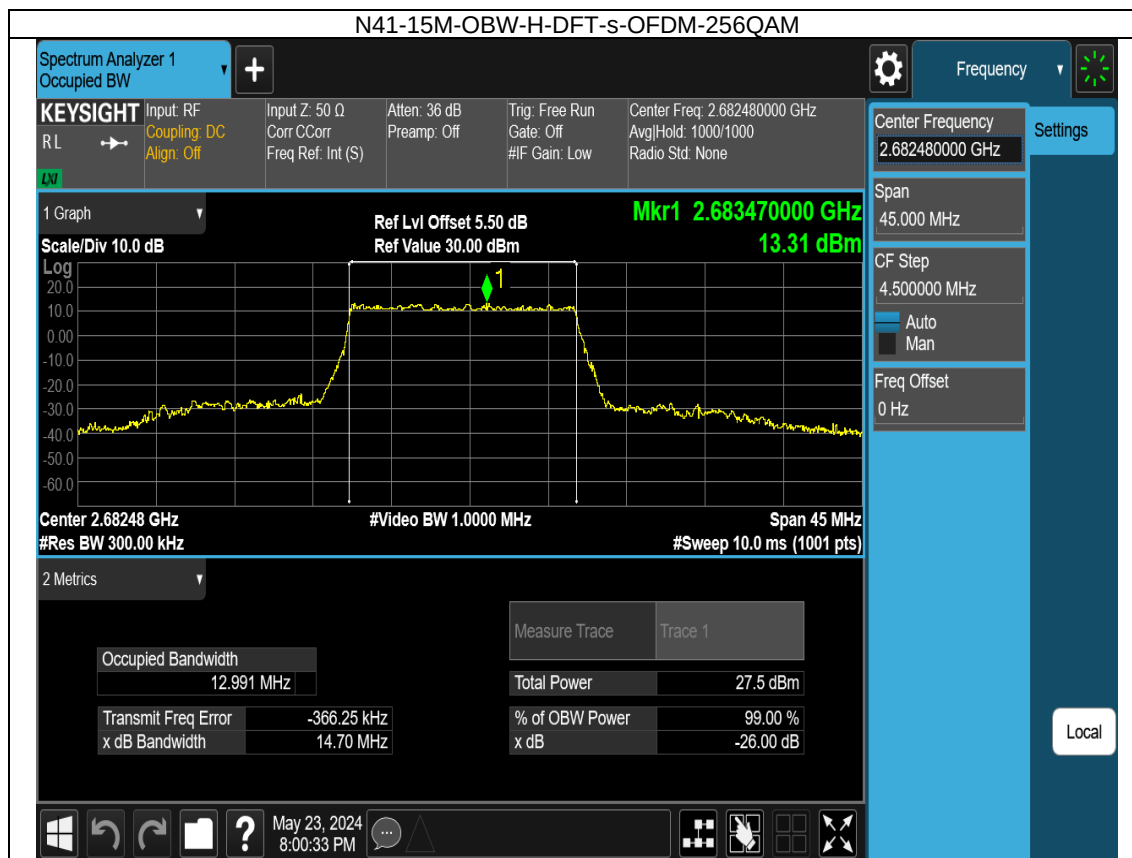


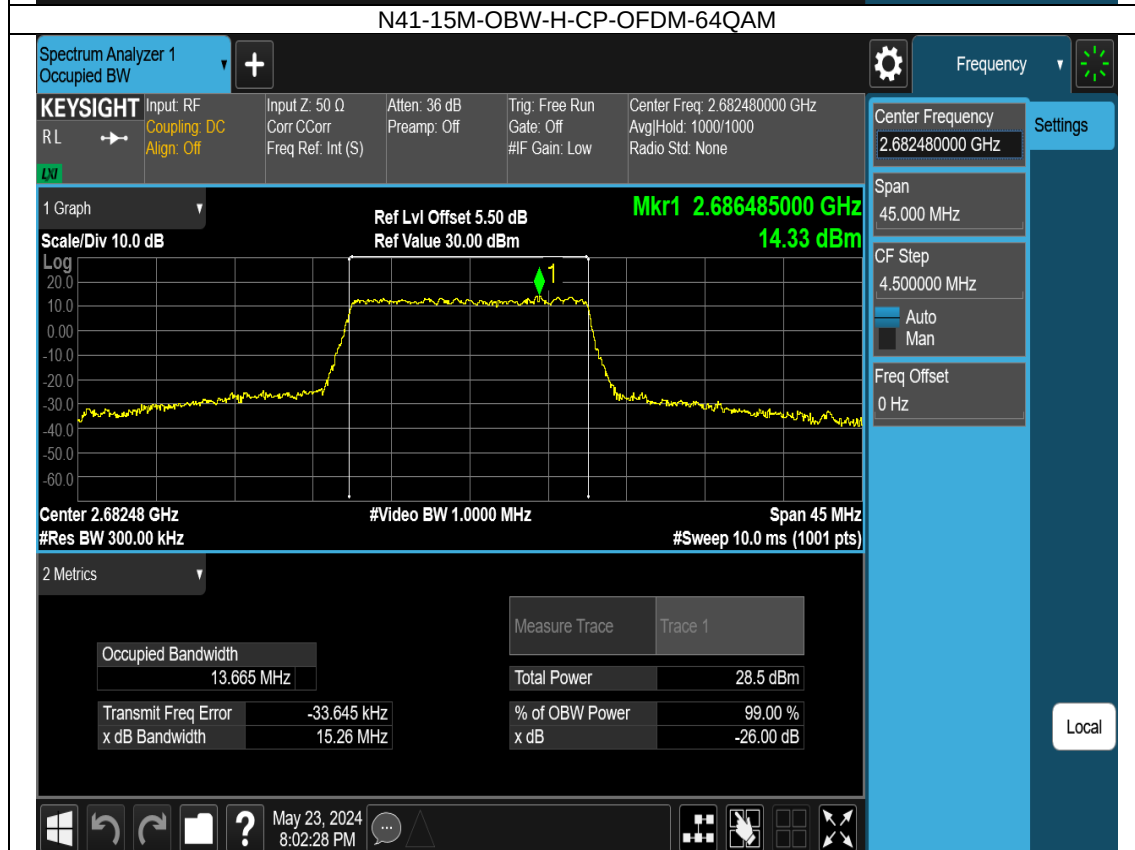
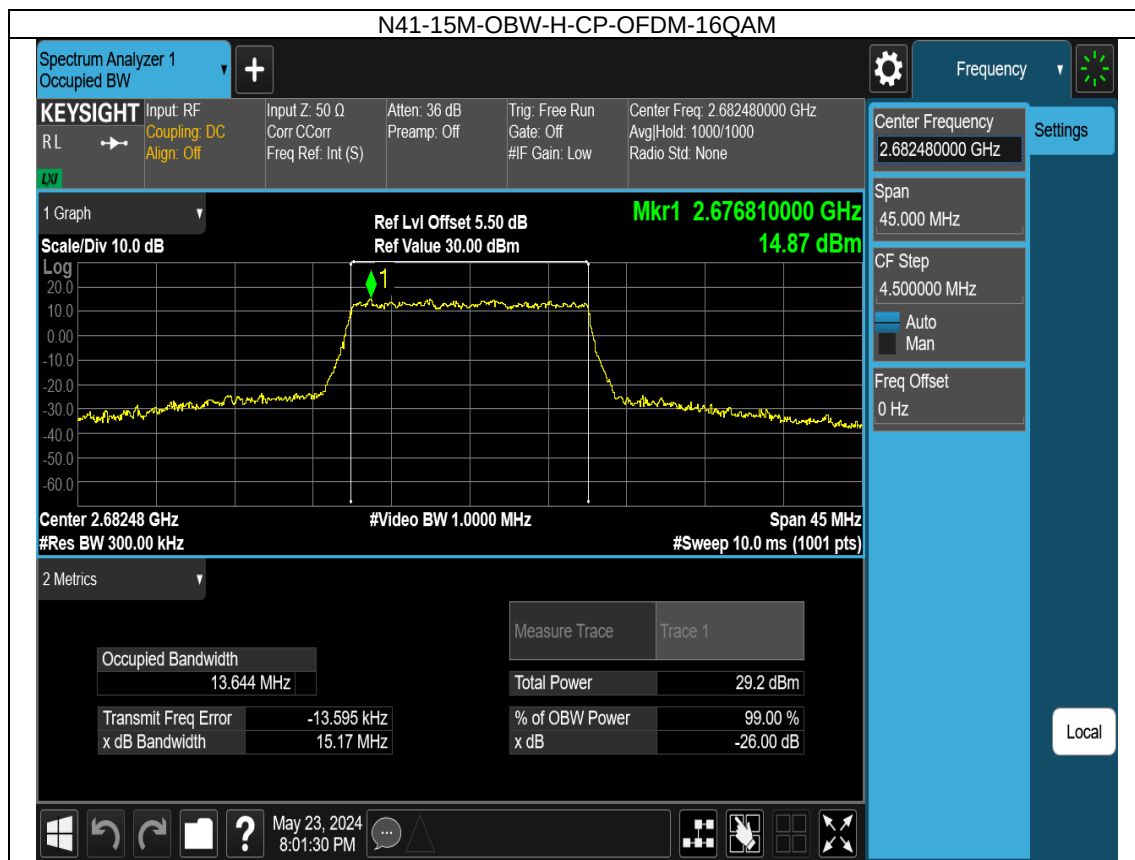
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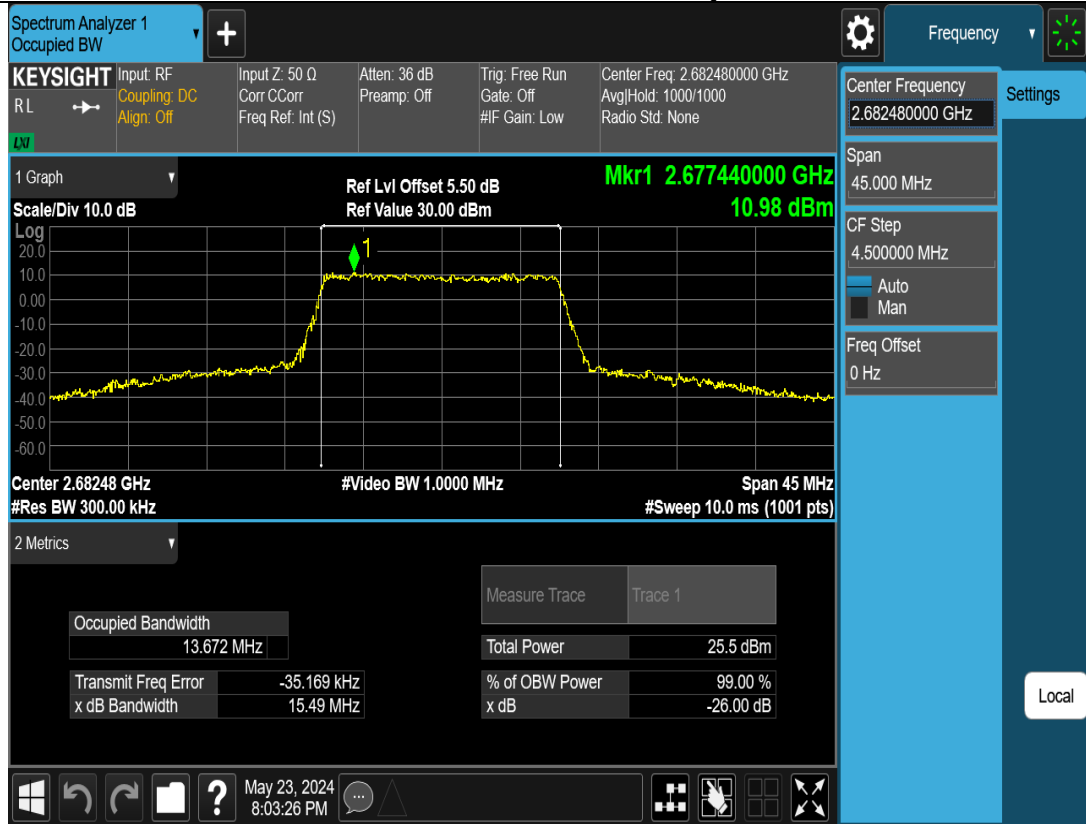




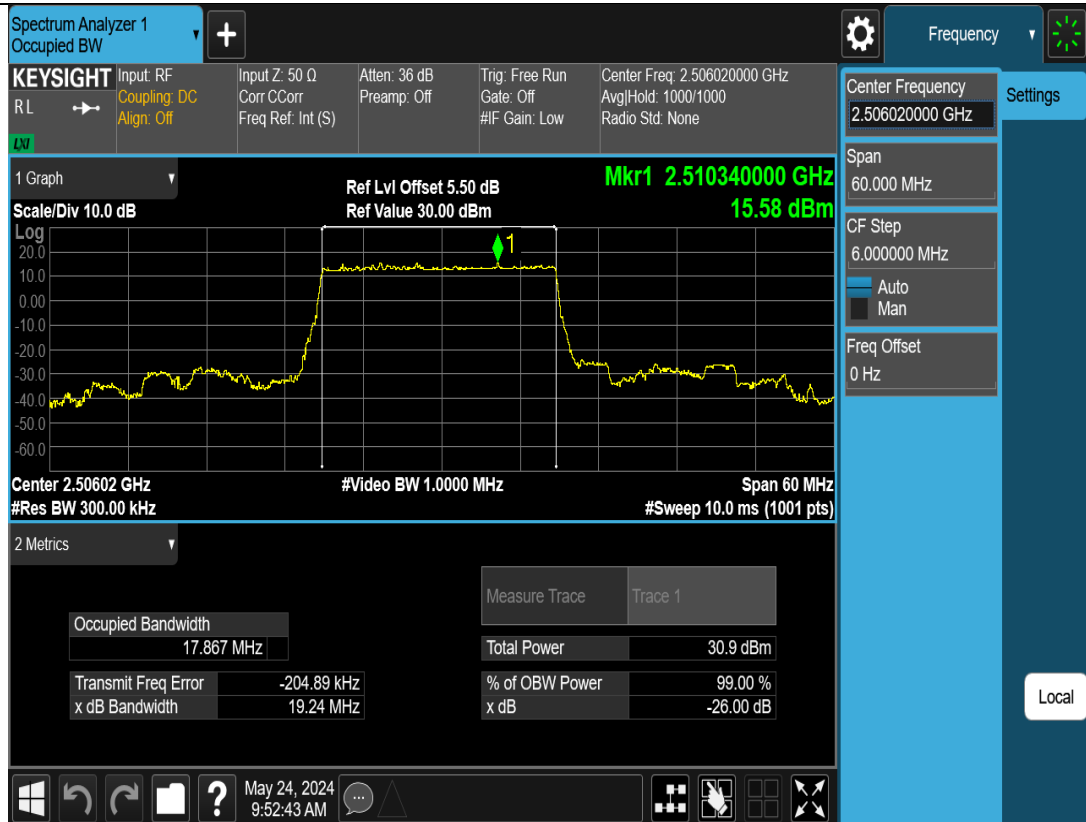




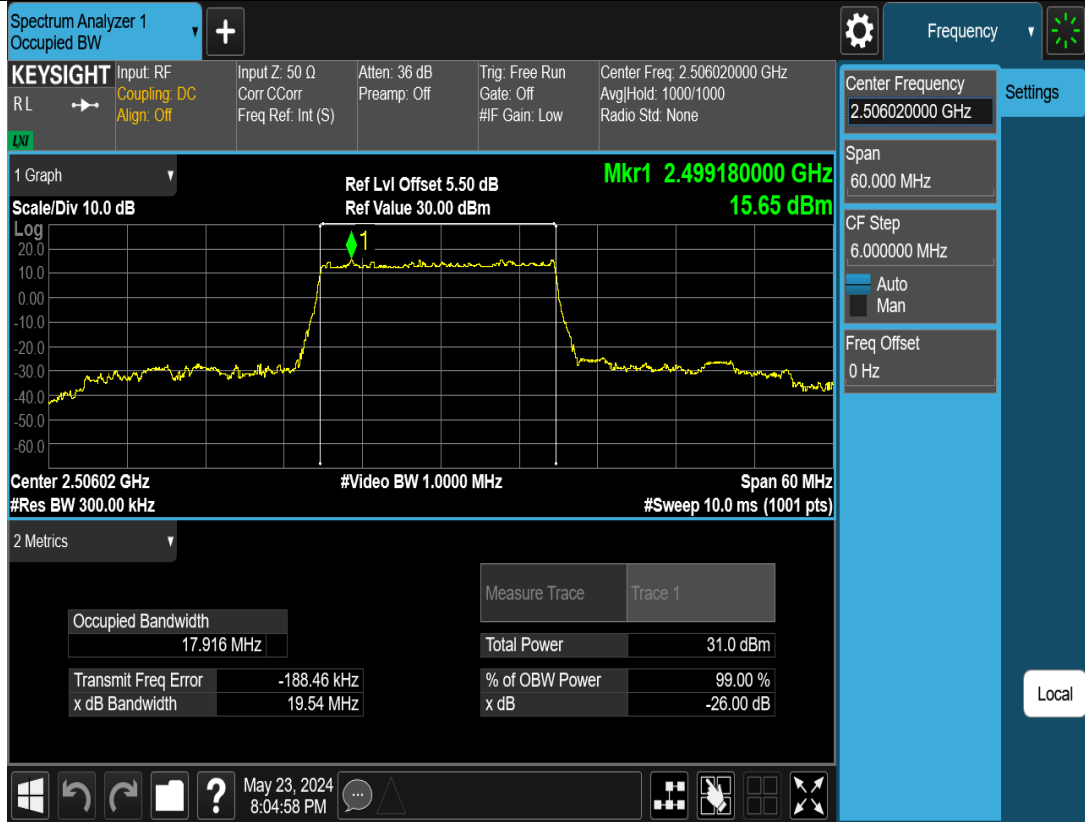
N41-15M-OBW-H-CP-OFDM-256QAM



N41-20M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N41-20M-OBW-L-DFT-s-OFDM-QPSK



N41-20M-OBW-L-DFT-s-OFDM-16QAM

