

99% & 26dB Bandwidth

Test Result

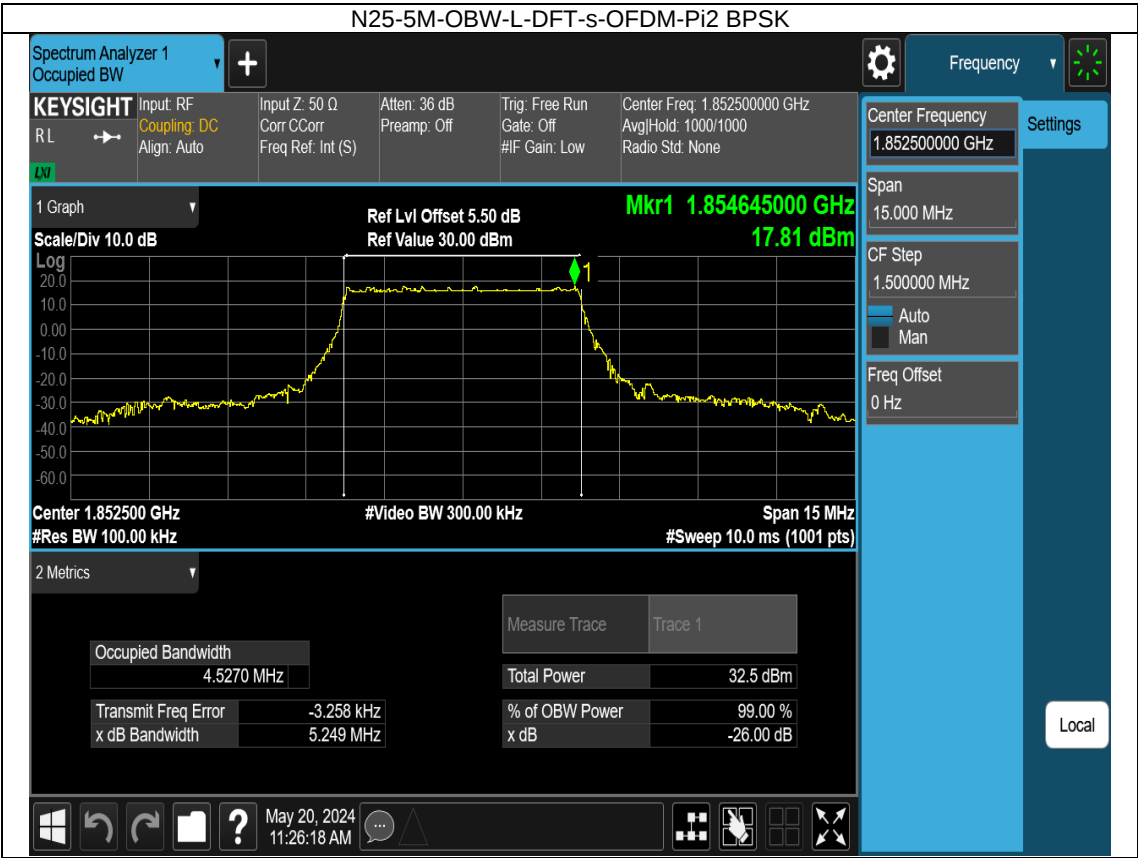
5G NR n25 SCS5MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.527	5.249	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.514	5.109	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.513	5.195	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.517	5.261	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.513	5.144	/	Pass
CP-OFDM QPSK		Outer_Full	4.516	5.215	/	Pass
CP-OFDM 16QAM		Outer_Full	4.468	5.151	/	Pass
CP-OFDM 64QAM		Outer_Full	4.495	5.199	/	Pass
CP-OFDM 256QAM		Outer_Full	4.487	5.092	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.494	5.226	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.562	5.441	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.514	5.257	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.510	5.183	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.509	5.153	/	Pass
CP-OFDM QPSK		Outer_Full	4.519	5.263	/	Pass
CP-OFDM 16QAM		Outer_Full	4.508	5.258	/	Pass
CP-OFDM 64QAM		Outer_Full	4.510	5.248	/	Pass
CP-OFDM 256QAM		Outer_Full	4.509	5.196	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.495	5.057	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.532	5.213	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.528	5.248	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.507	5.127	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.537	5.161	/	Pass
CP-OFDM QPSK		Outer_Full	4.551	5.321	/	Pass
CP-OFDM 16QAM		Outer_Full	4.531	5.269	/	Pass
CP-OFDM 64QAM		Outer_Full	4.506	5.218	/	Pass
CP-OFDM 256QAM		Outer_Full	4.495	5.108	/	Pass

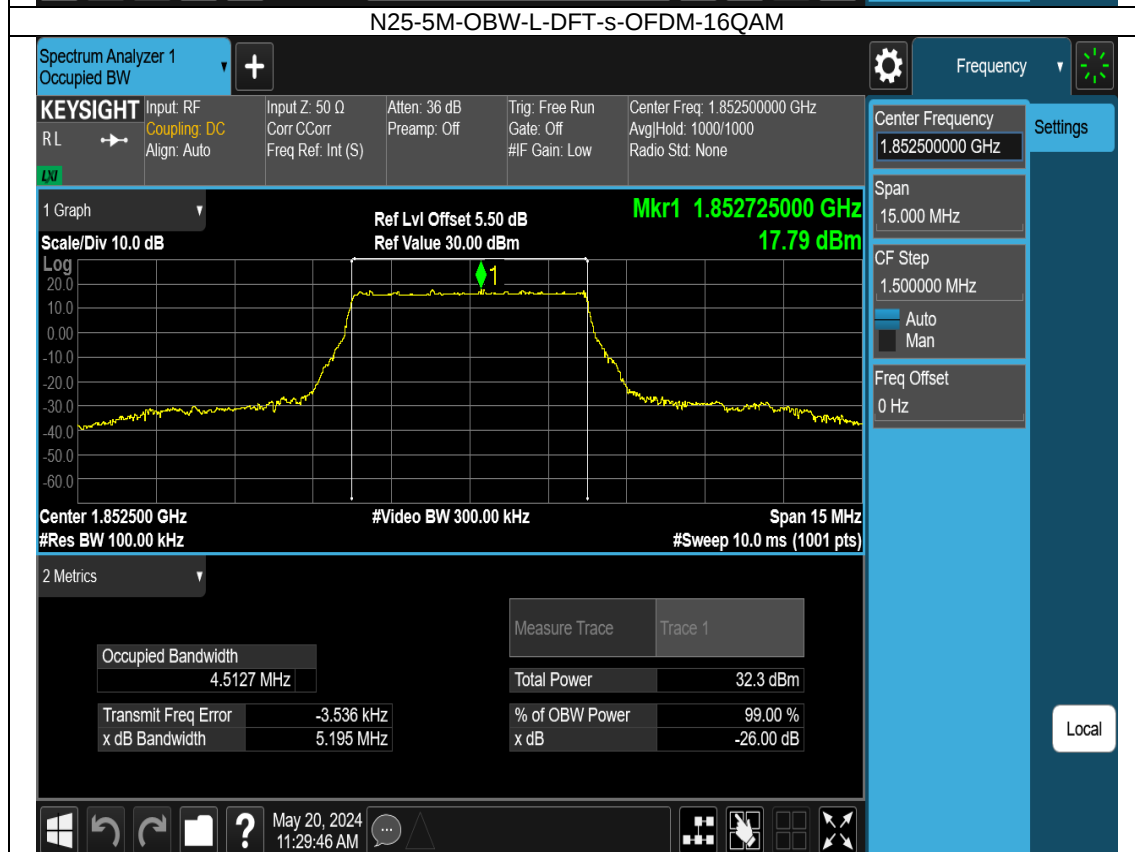
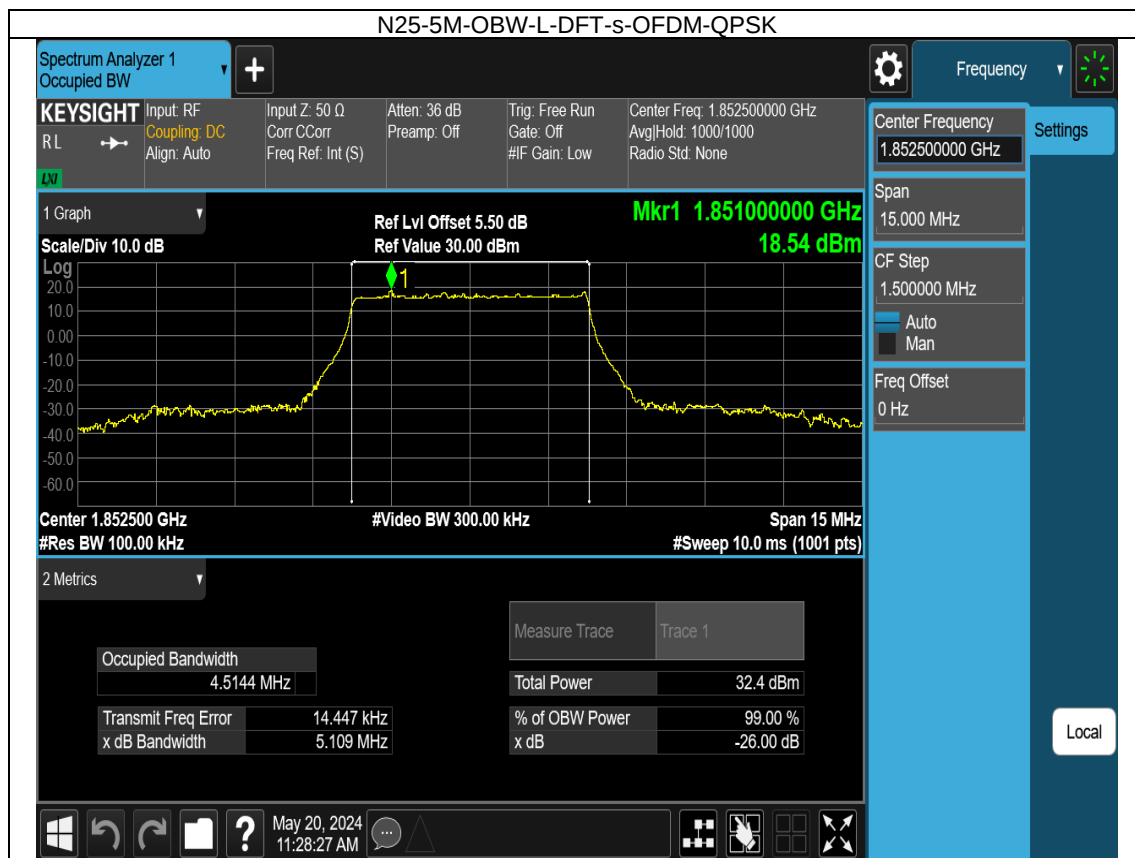
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Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	8.930	9.595	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.970	9.650	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.931	9.755	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.931	9.784	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.959	9.764	/	Pass
CP-OFDM QPSK		Outer_Full	9.280	10.10	/	Pass
CP-OFDM 16QAM		Outer_Full	9.311	10.28	/	Pass
CP-OFDM 64QAM		Outer_Full	9.293	10.07	/	Pass
CP-OFDM 256QAM		Outer_Full	9.311	10.11	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	8.940	9.652	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.981	9.651	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.945	9.758	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.968	9.805	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.962	9.805	/	Pass
CP-OFDM QPSK		Outer_Full	9.300	10.12	/	Pass
CP-OFDM 16QAM		Outer_Full	9.306	10.06	/	Pass
CP-OFDM 64QAM		Outer_Full	8.944	9.792	/	Pass
CP-OFDM 256QAM		Outer_Full	8.968	9.769	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	8.937	9.683	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.931	9.672	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.930	9.638	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.925	9.722	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.944	9.722	/	Pass
CP-OFDM QPSK		Outer_Full	9.292	10.10	/	Pass
CP-OFDM 16QAM		Outer_Full	8.979	9.892	/	Pass
CP-OFDM 64QAM		Outer_Full	8.925	9.659	/	Pass
CP-OFDM 256QAM		Outer_Full	8.935	9.641	/	Pass

5G NR n25 SCS15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	13.443	14.56	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.460	14.45	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.465	14.43	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.461	14.58	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.509	14.52	/	Pass
CP-OFDM QPSK		Outer_Full	14.200	15.23	/	Pass
CP-OFDM 16QAM		Outer_Full	14.167	15.23	/	Pass
CP-OFDM 64QAM		Outer_Full	14.128	15.15	/	Pass
CP-OFDM 256QAM		Outer_Full	14.119	15.18	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	13.443	14.48	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.467	14.50	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.504	14.52	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.459	14.55	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.454	14.52	/	Pass
CP-OFDM QPSK		Outer_Full	14.206	15.19	/	Pass
CP-OFDM 16QAM		Outer_Full	13.430	14.46	/	Pass
CP-OFDM 64QAM		Outer_Full	13.424	14.55	/	Pass
CP-OFDM 256QAM		Outer_Full	13.407	14.59	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	13.405	14.34	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.425	14.48	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.484	14.58	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.424	14.49	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.424	14.56	/	Pass
CP-OFDM QPSK		Outer_Full	14.122	15.20	/	Pass
CP-OFDM 16QAM		Outer_Full	13.397	14.52	/	Pass
CP-OFDM 64QAM		Outer_Full	13.404	14.38	/	Pass
CP-OFDM 256QAM		Outer_Full	13.366	14.51	/	Pass

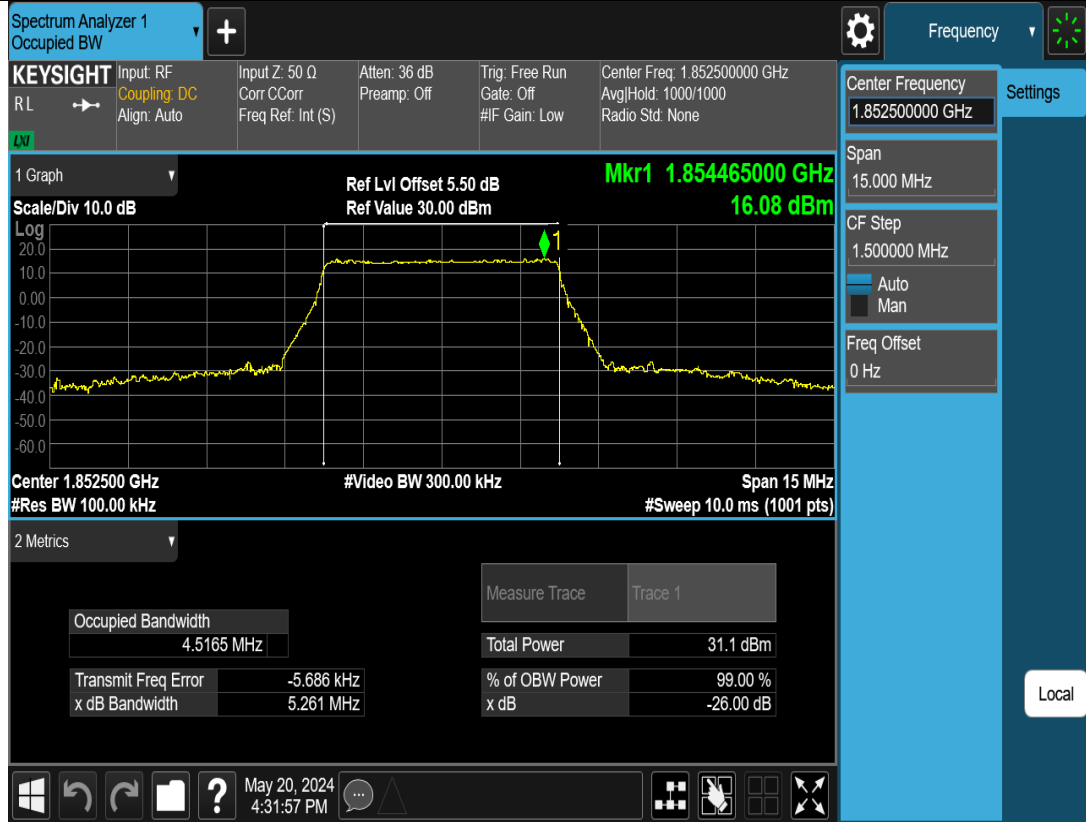
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DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	17.914	19.12	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.917	19.03	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.930	18.95	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.856	19.08	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.874	19.02	/	Pass
CP-OFDM QPSK		Outer_Full	18.917	20.02	/	Pass
CP-OFDM 16QAM		Outer_Full	18.941	19.98	/	Pass
CP-OFDM 64QAM		Outer_Full	18.908	20.04	/	Pass
CP-OFDM 256QAM		Outer_Full	18.924	20.12	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	17.927	18.97	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.856	18.89	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.905	19.00	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.950	19.03	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.850	19.12	/	Pass
CP-OFDM QPSK		Outer_Full	18.917	20.10	/	Pass
CP-OFDM 16QAM		Outer_Full	17.869	19.03	/	Pass
CP-OFDM 64QAM		Outer_Full	17.818	18.96	/	Pass
CP-OFDM 256QAM		Outer_Full	17.872	18.94	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	17.854	19.06	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.827	18.88	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.862	19.01	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.796	18.94	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.831	19.03	/	Pass
CP-OFDM QPSK		Outer_Full	18.874	20.10	/	Pass
CP-OFDM 16QAM		Outer_Full	17.817	19.00	/	Pass
CP-OFDM 64QAM		Outer_Full	17.788	18.92	/	Pass
CP-OFDM 256QAM		Outer_Full	17.812	18.95	/	Pass

Test graph

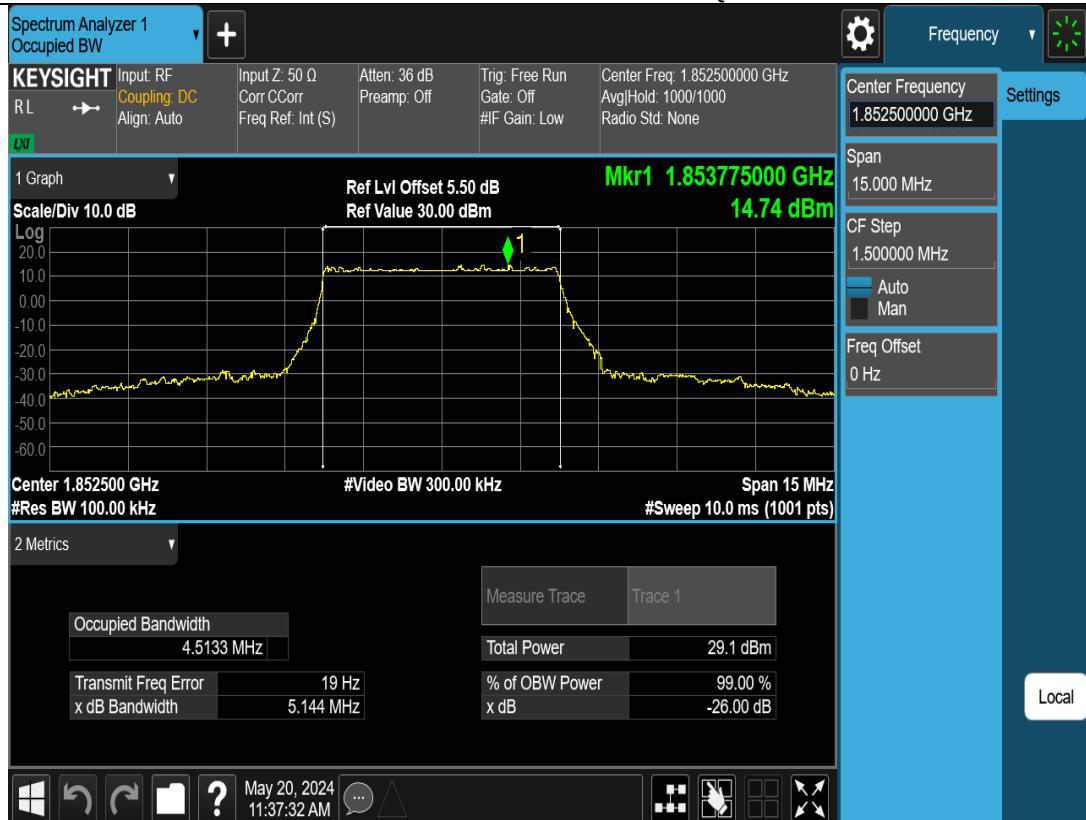


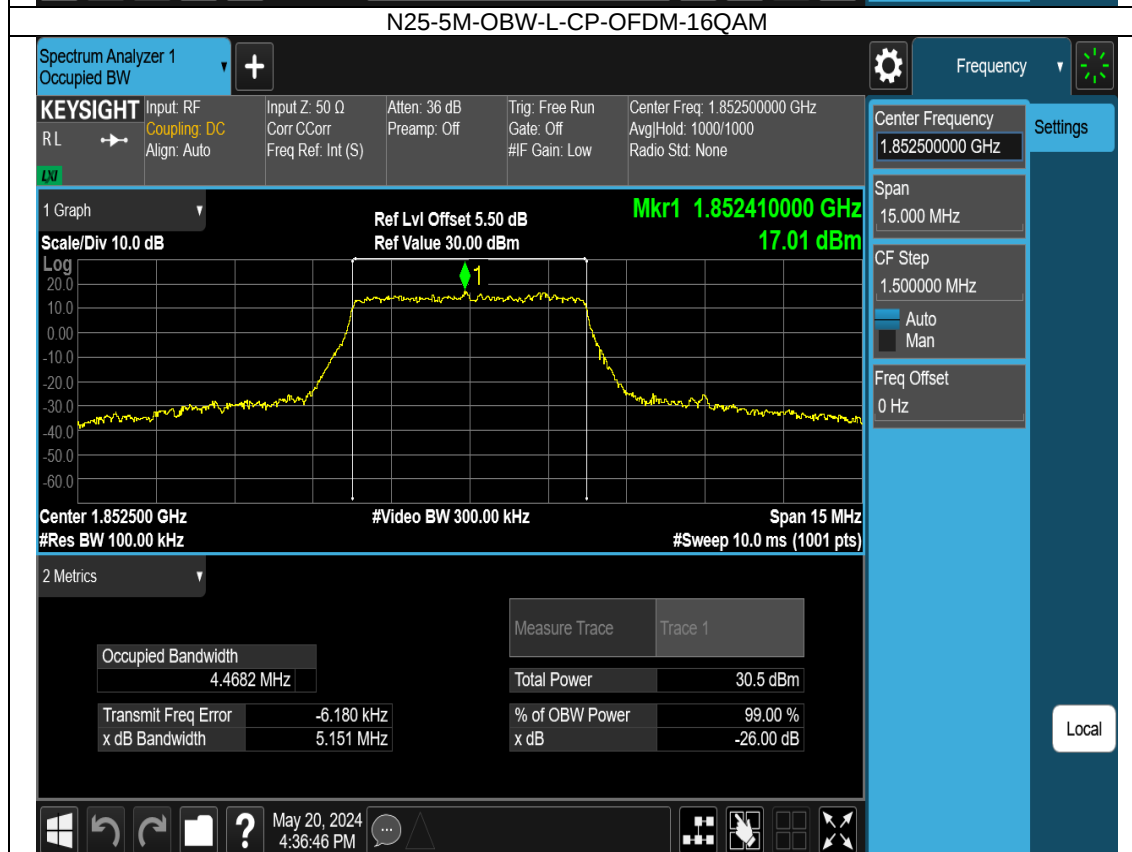
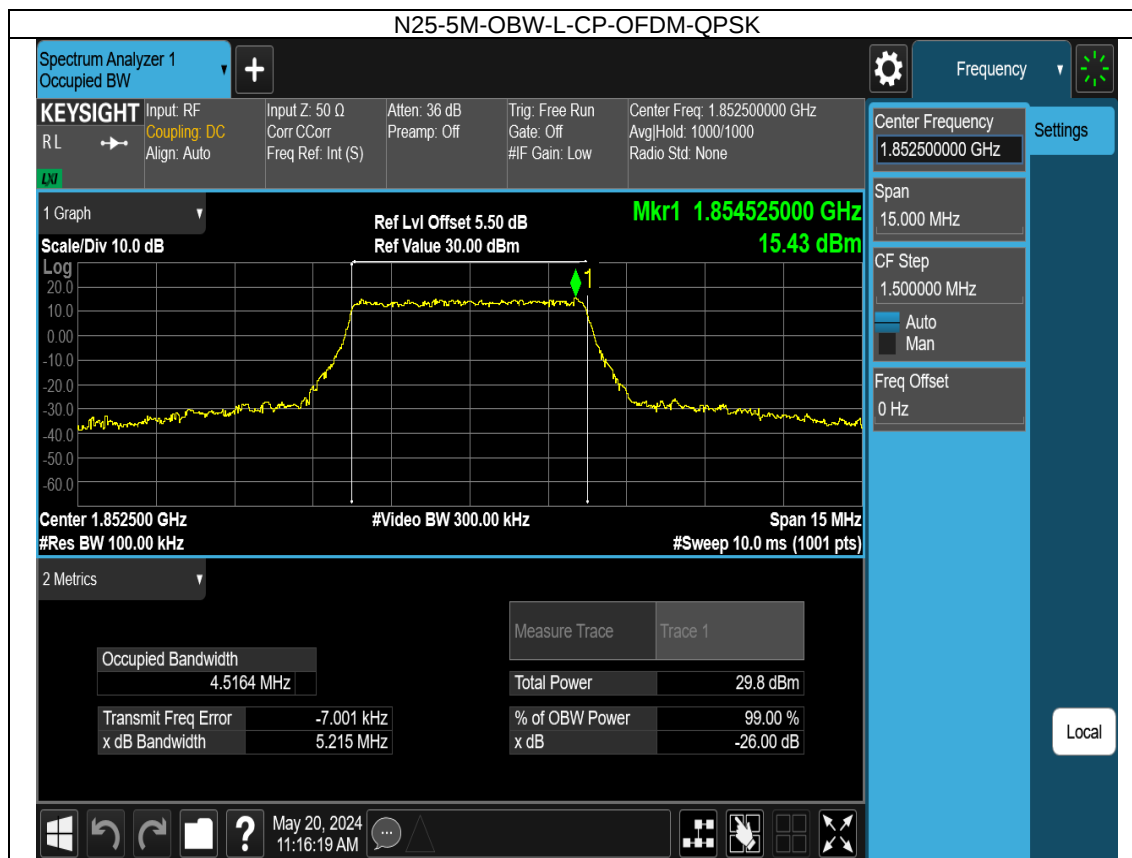


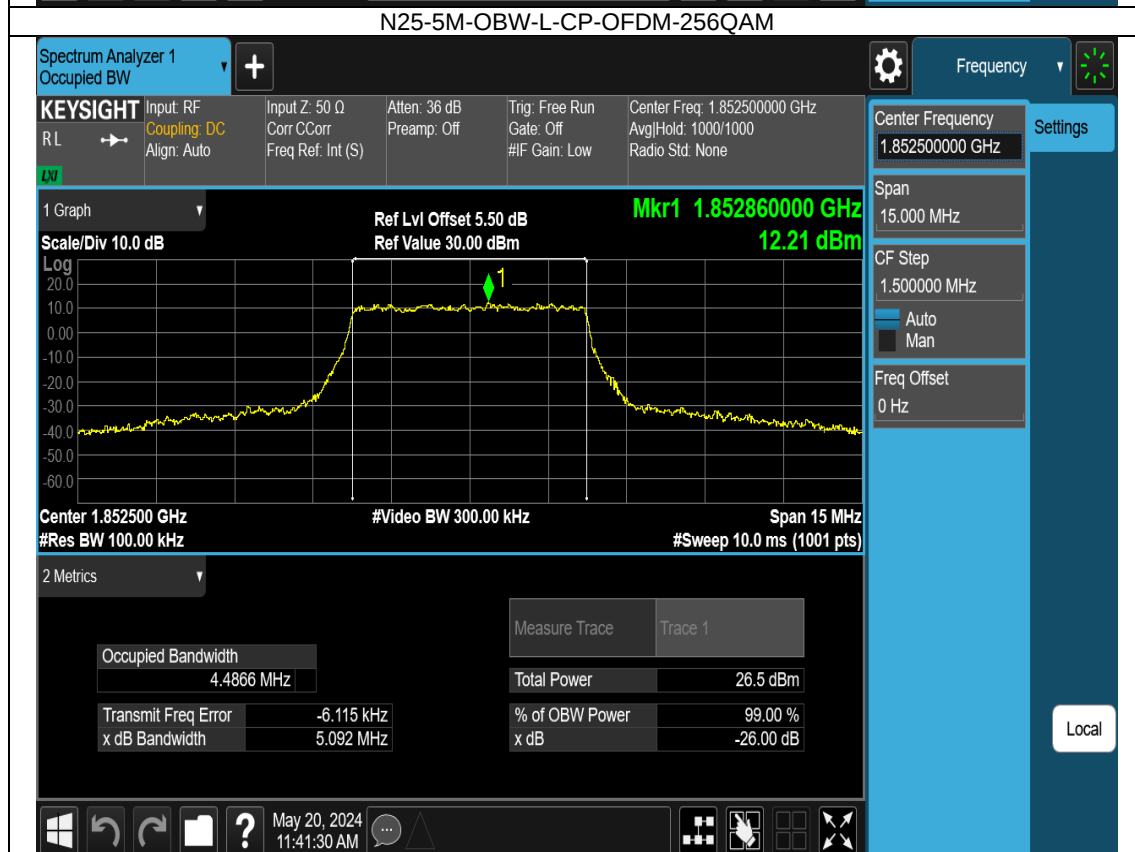
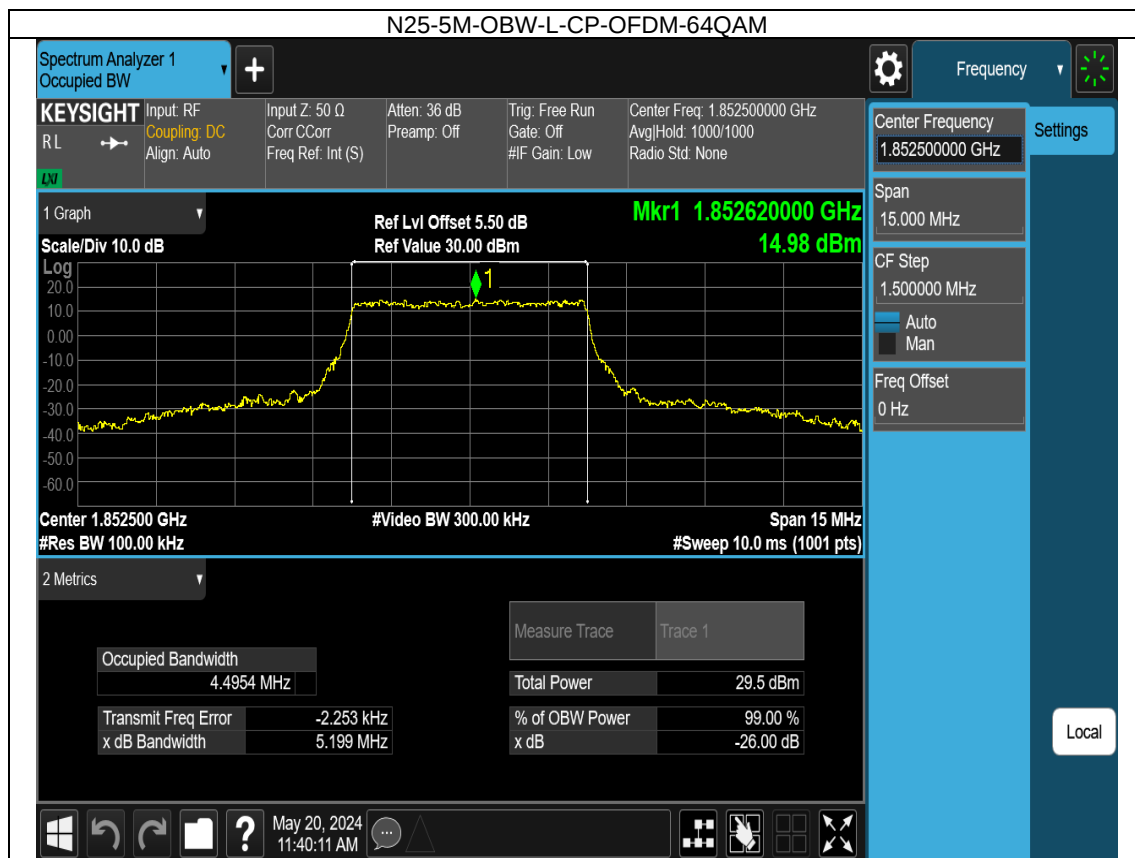
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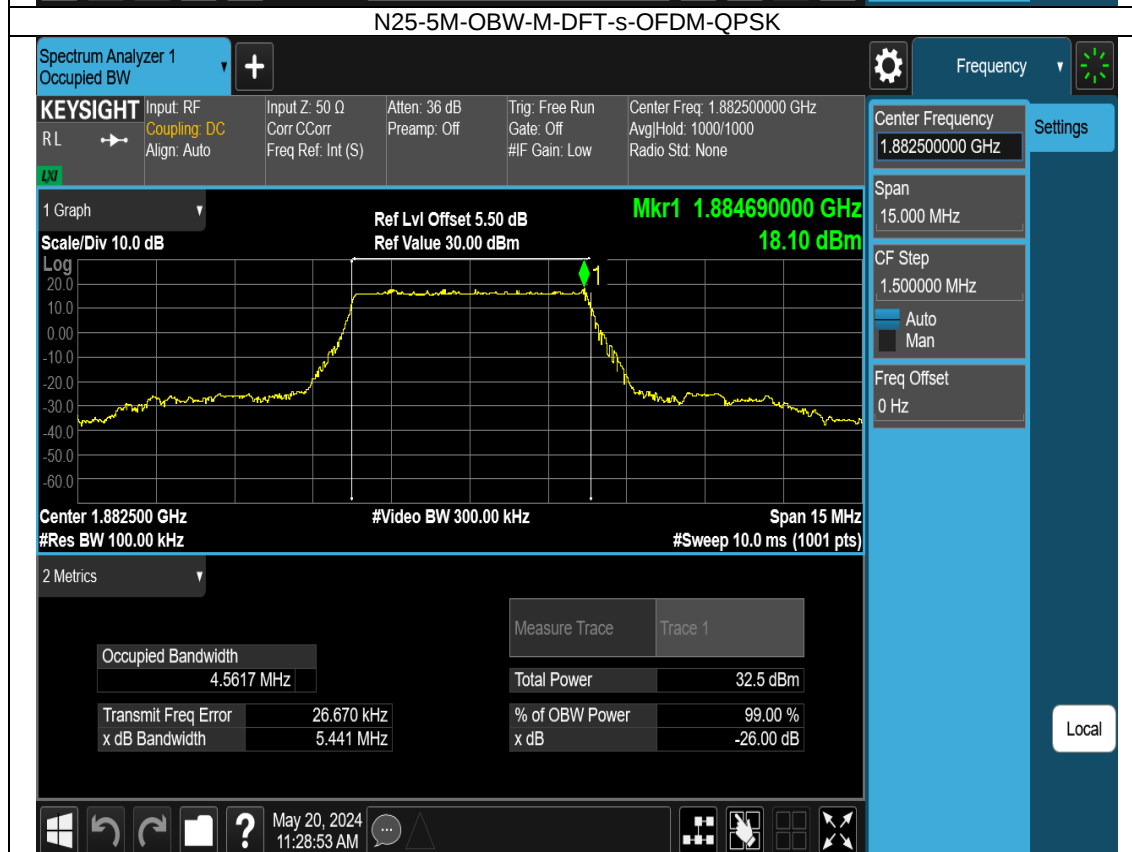
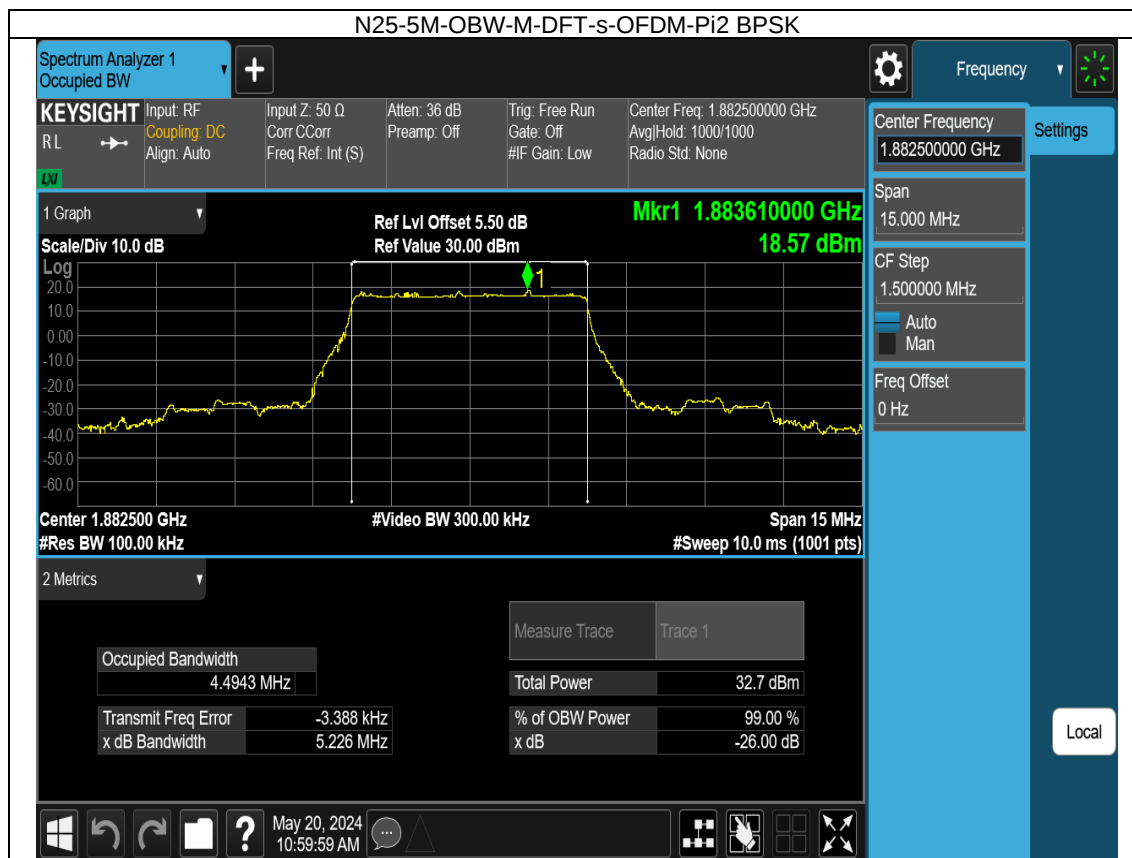


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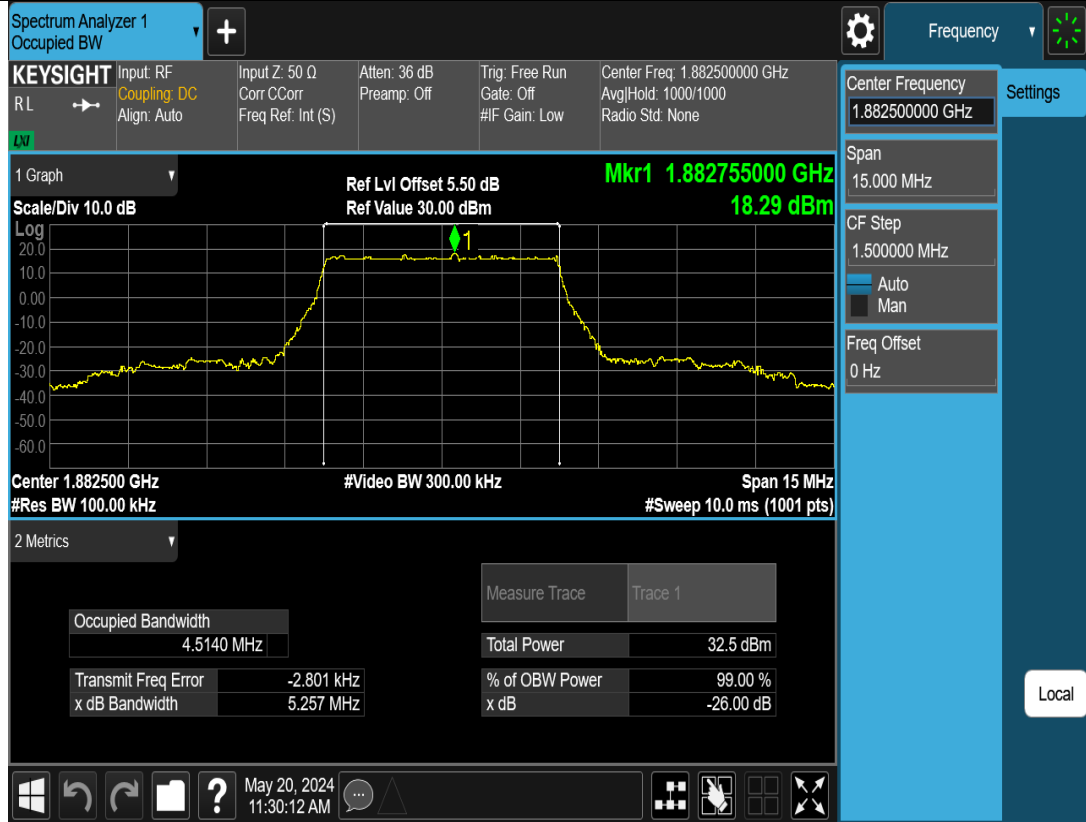




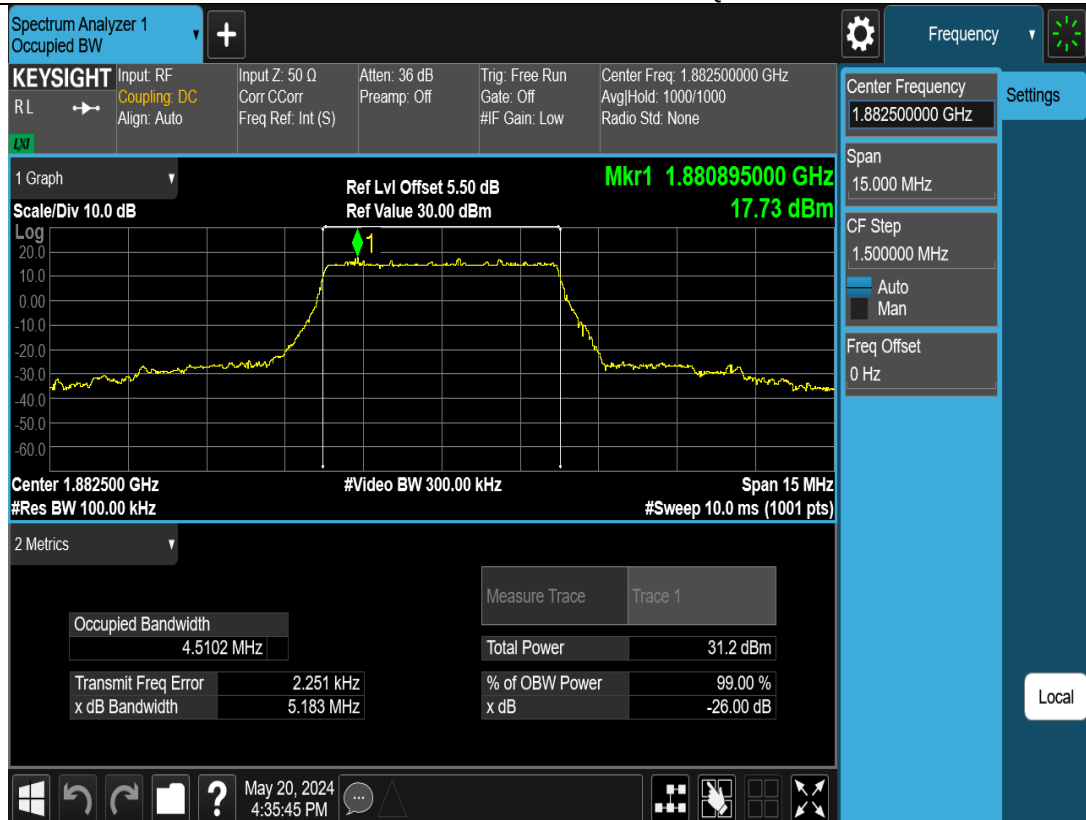


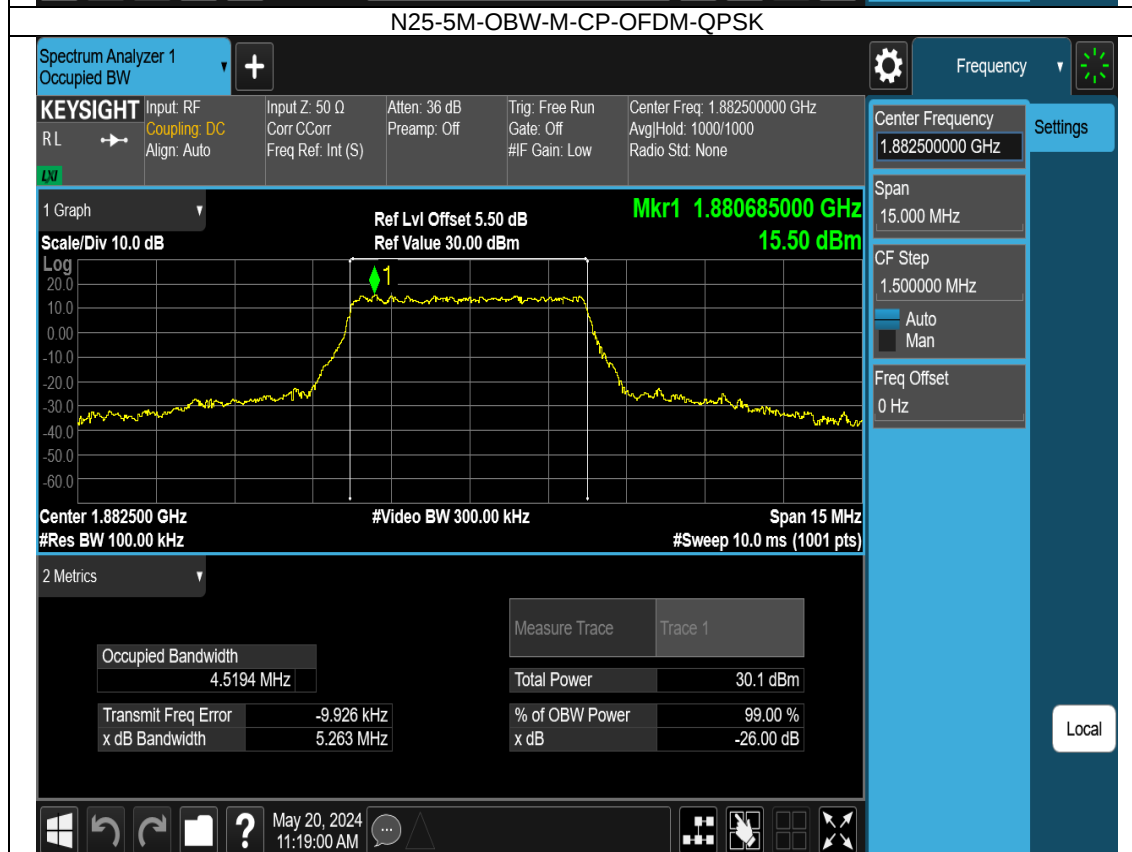
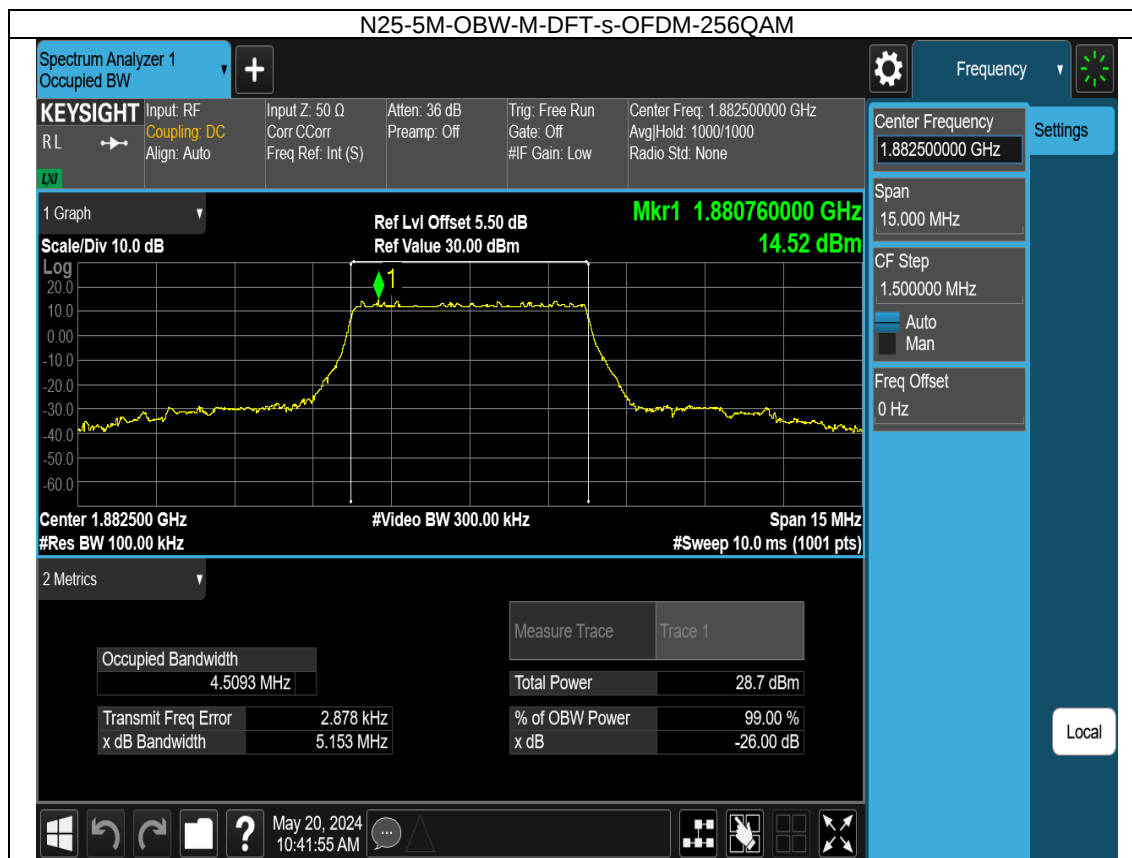


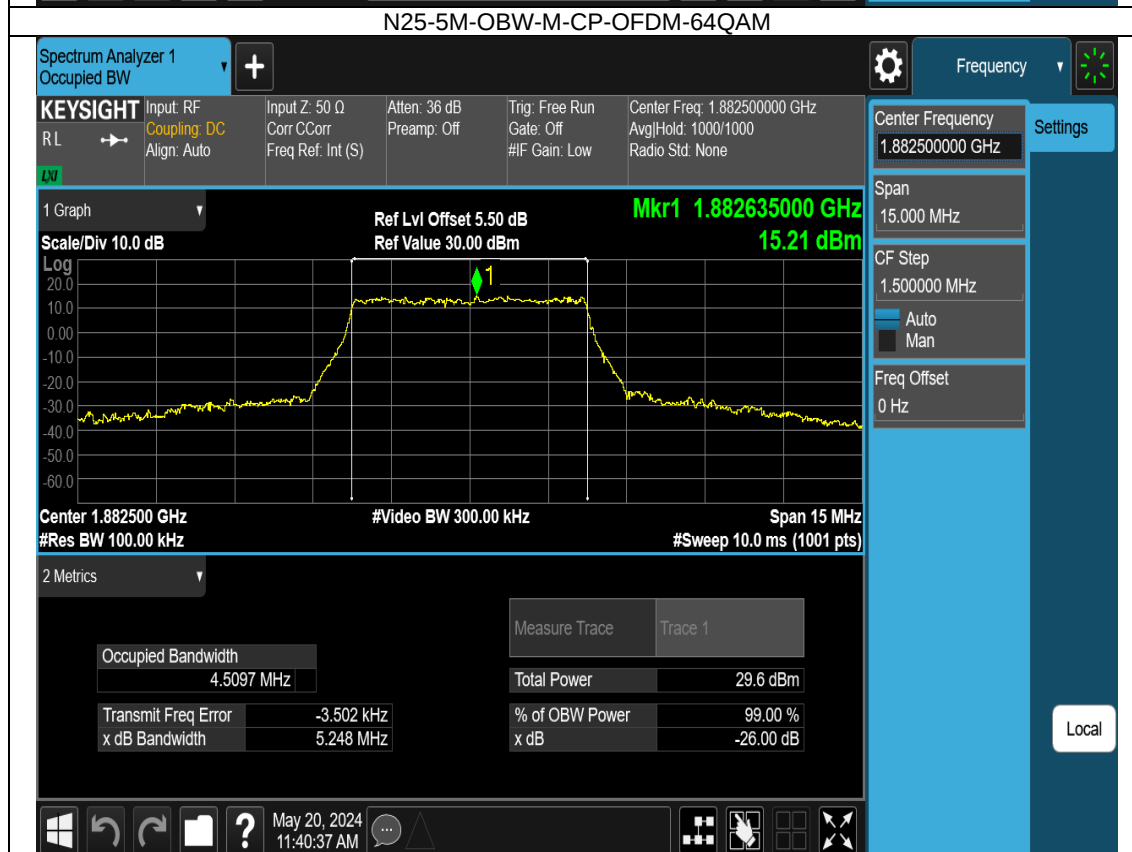
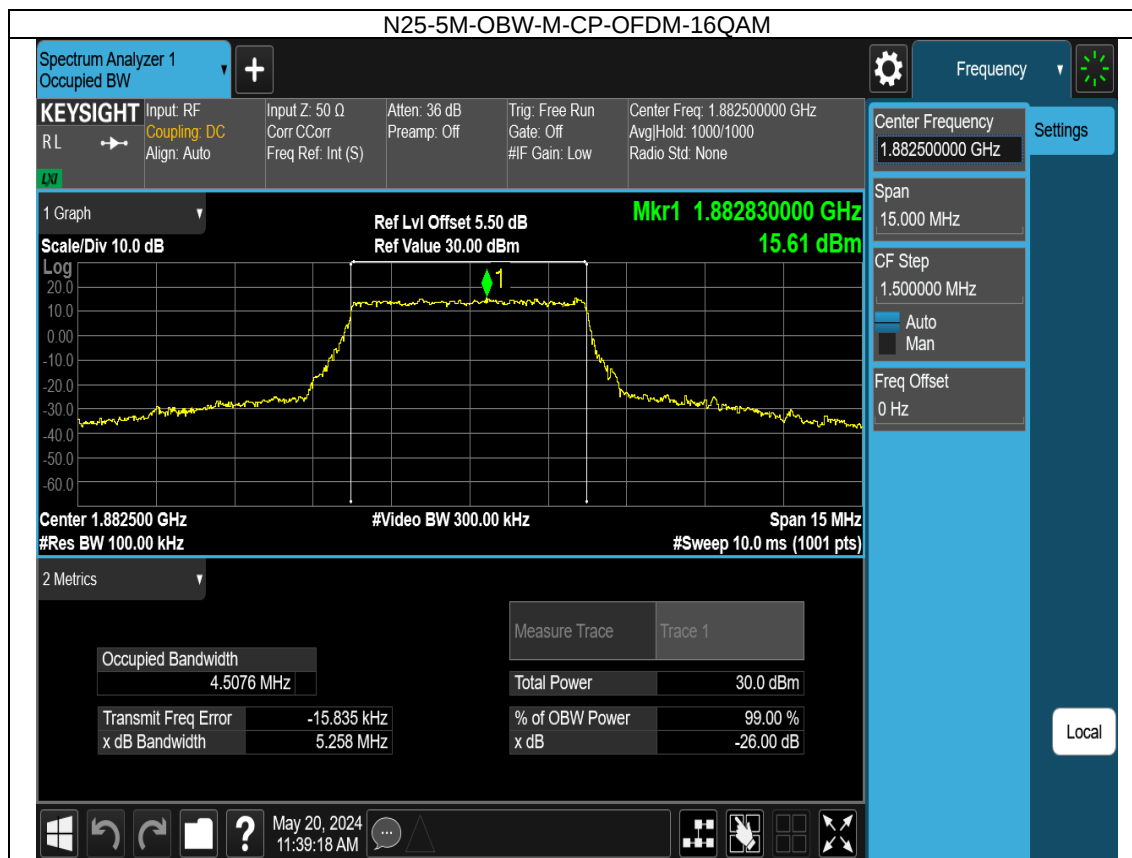
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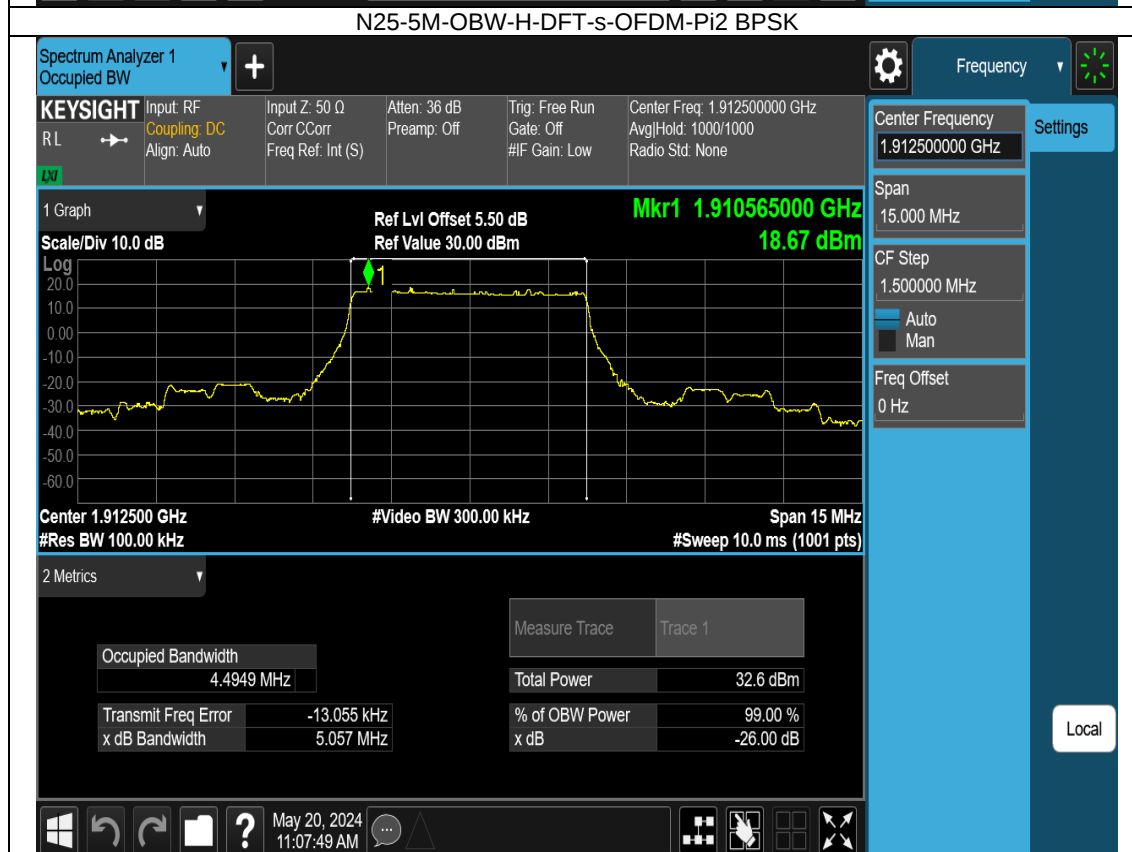
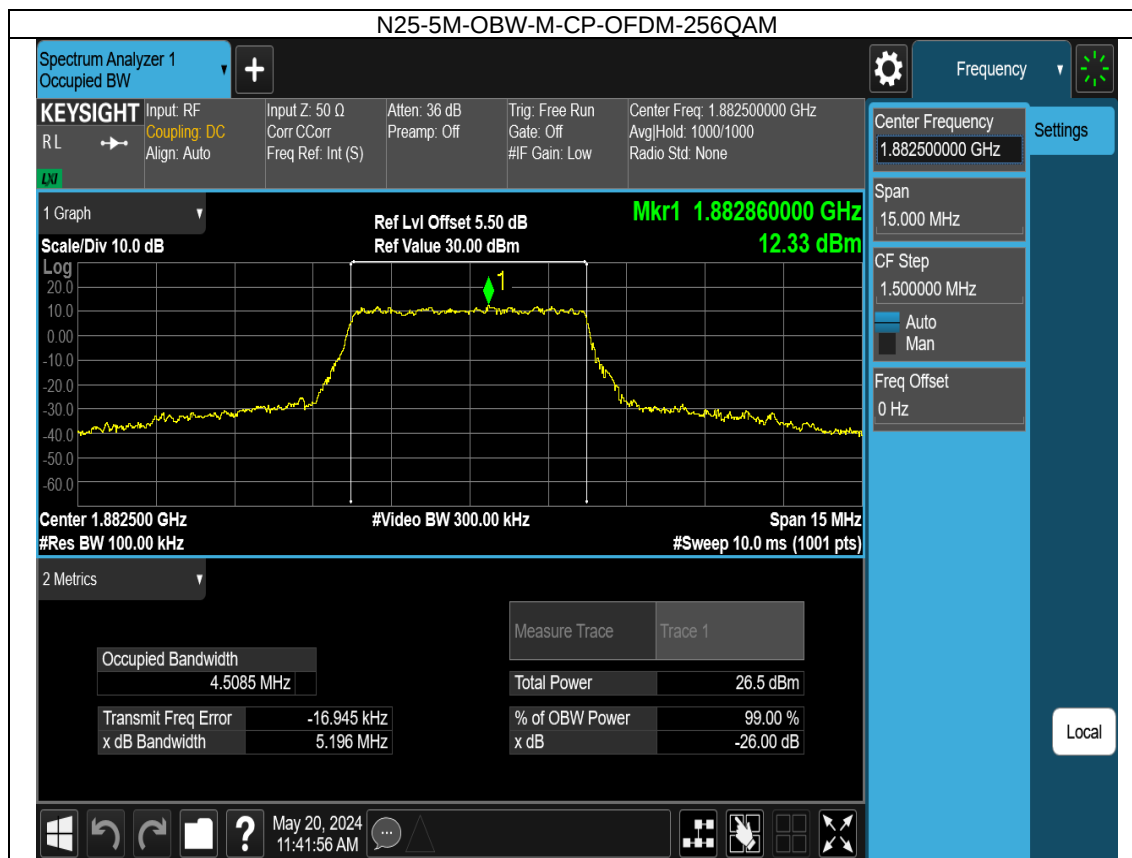


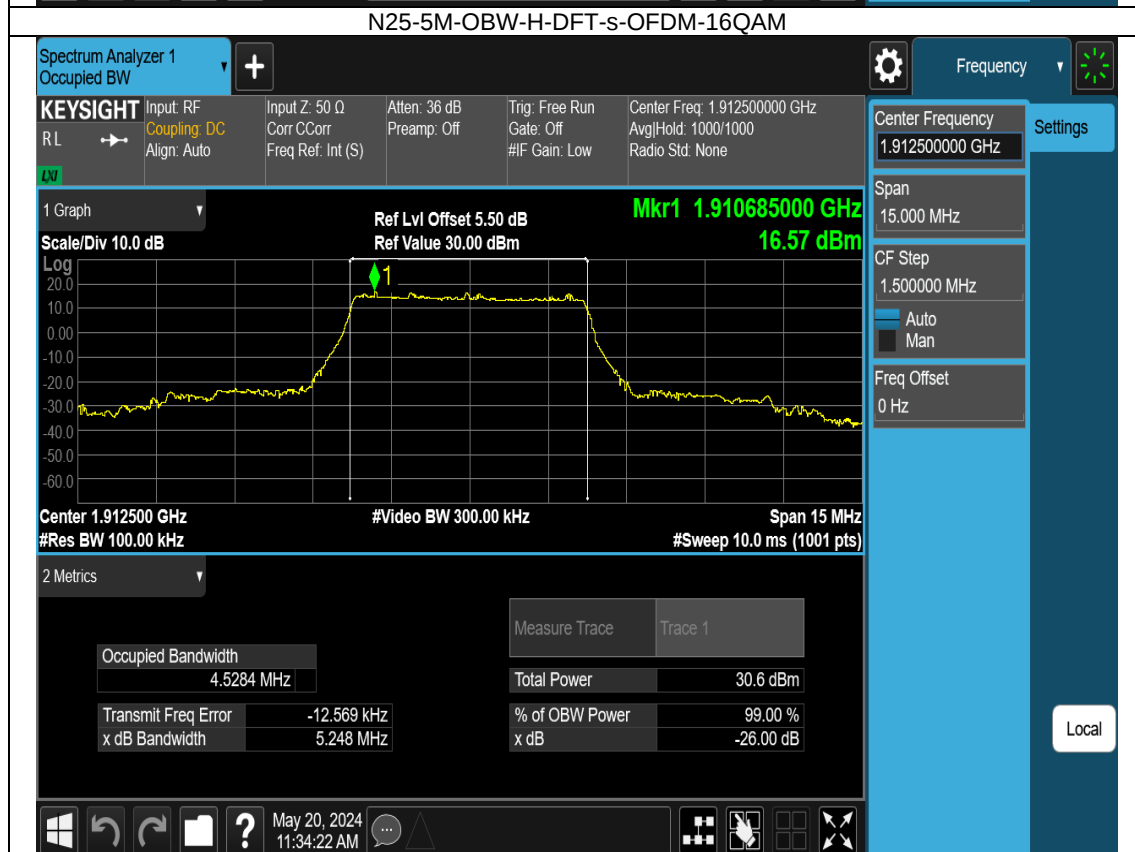
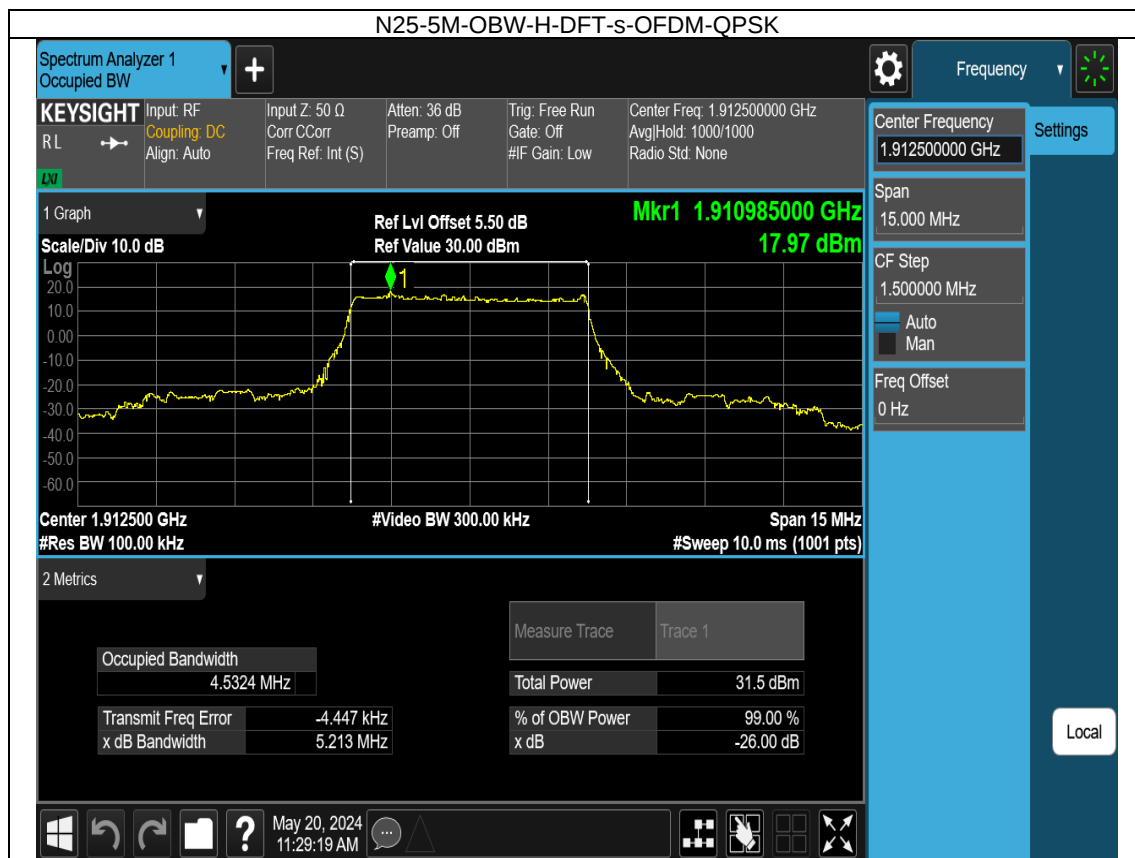
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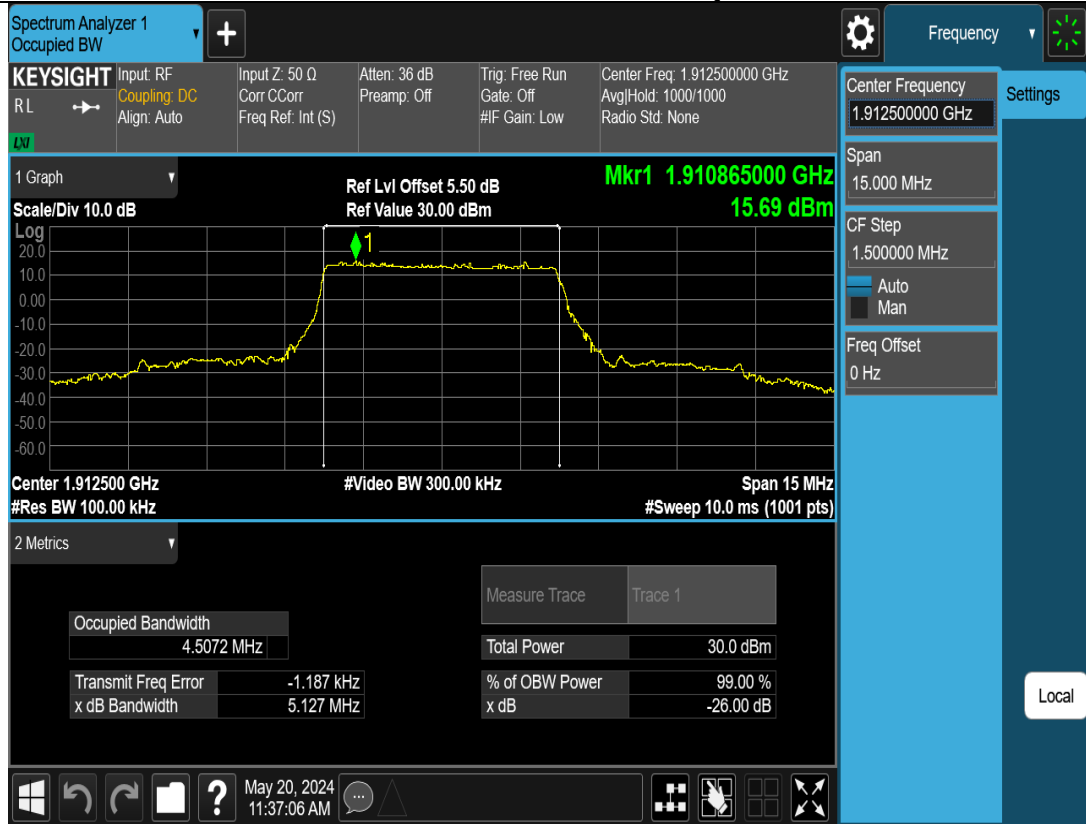




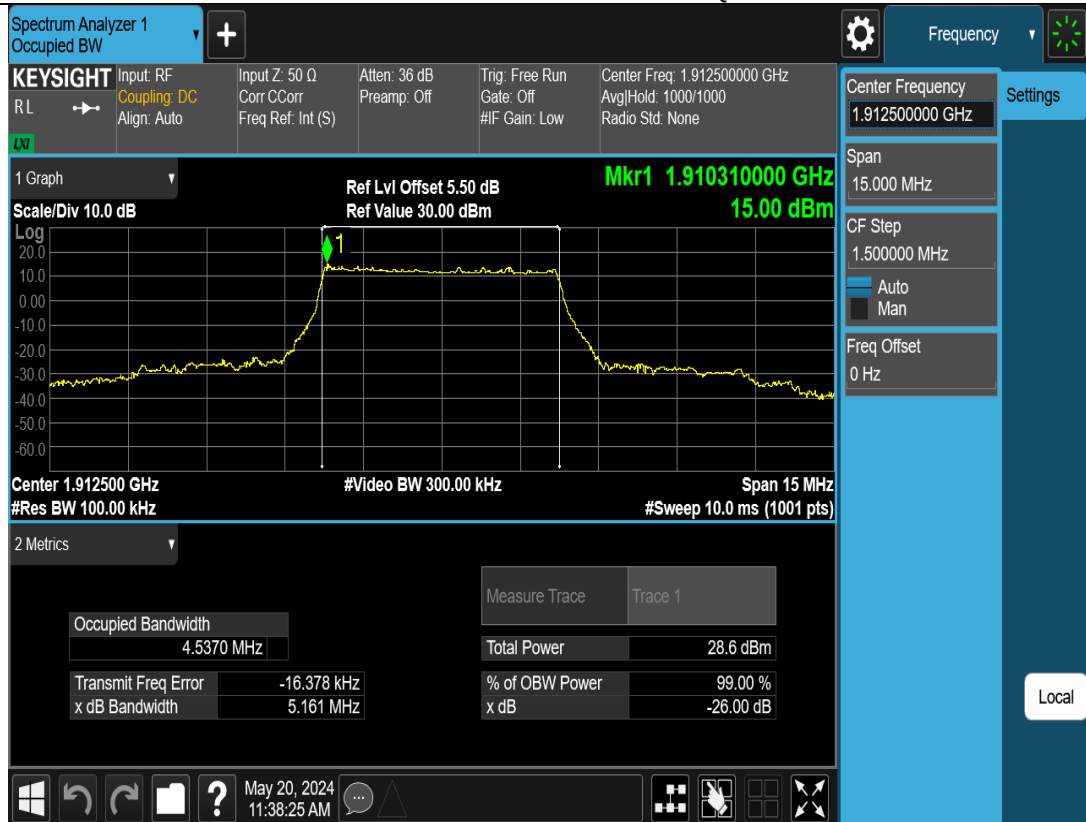


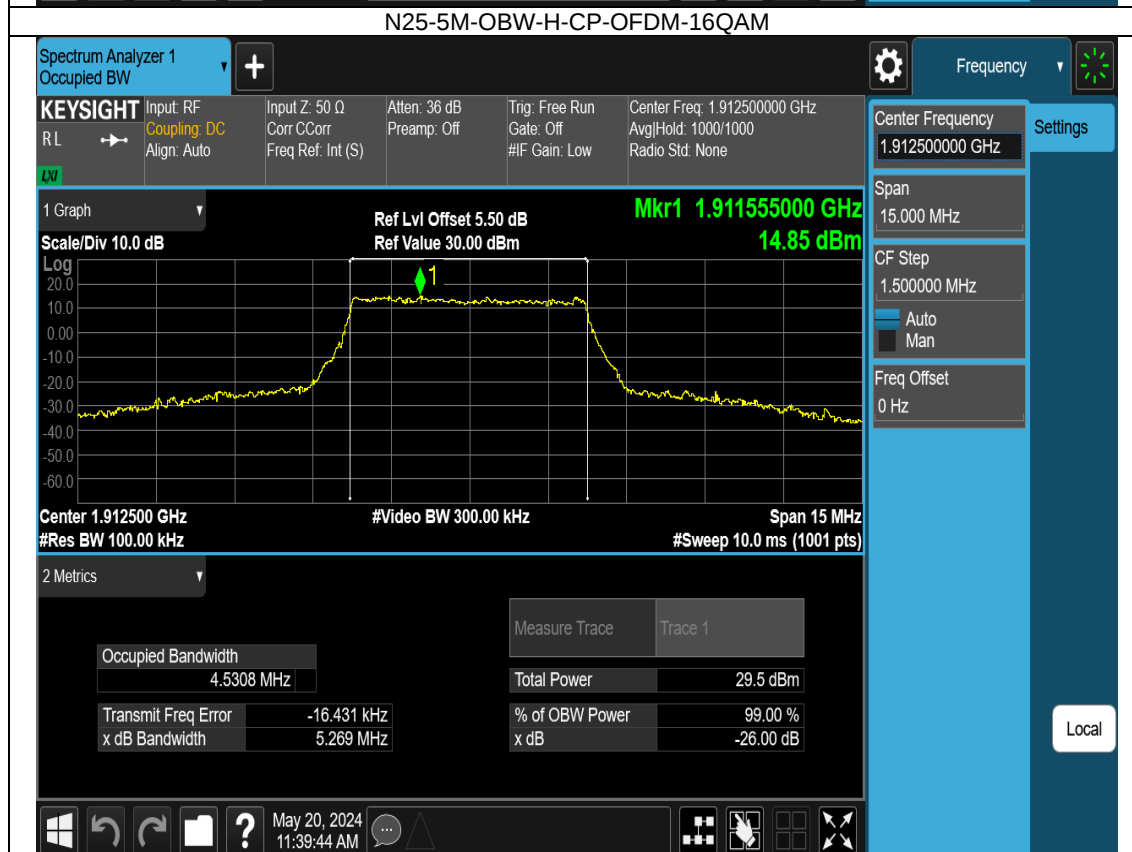
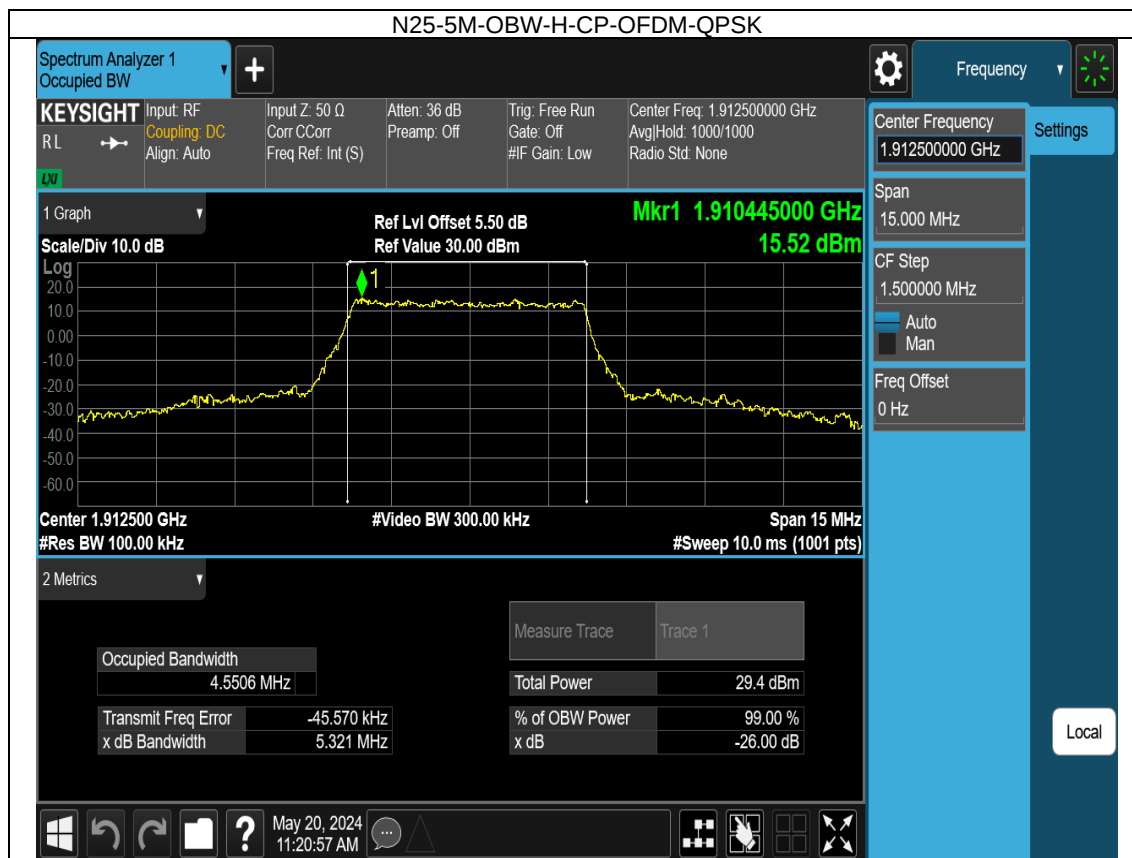


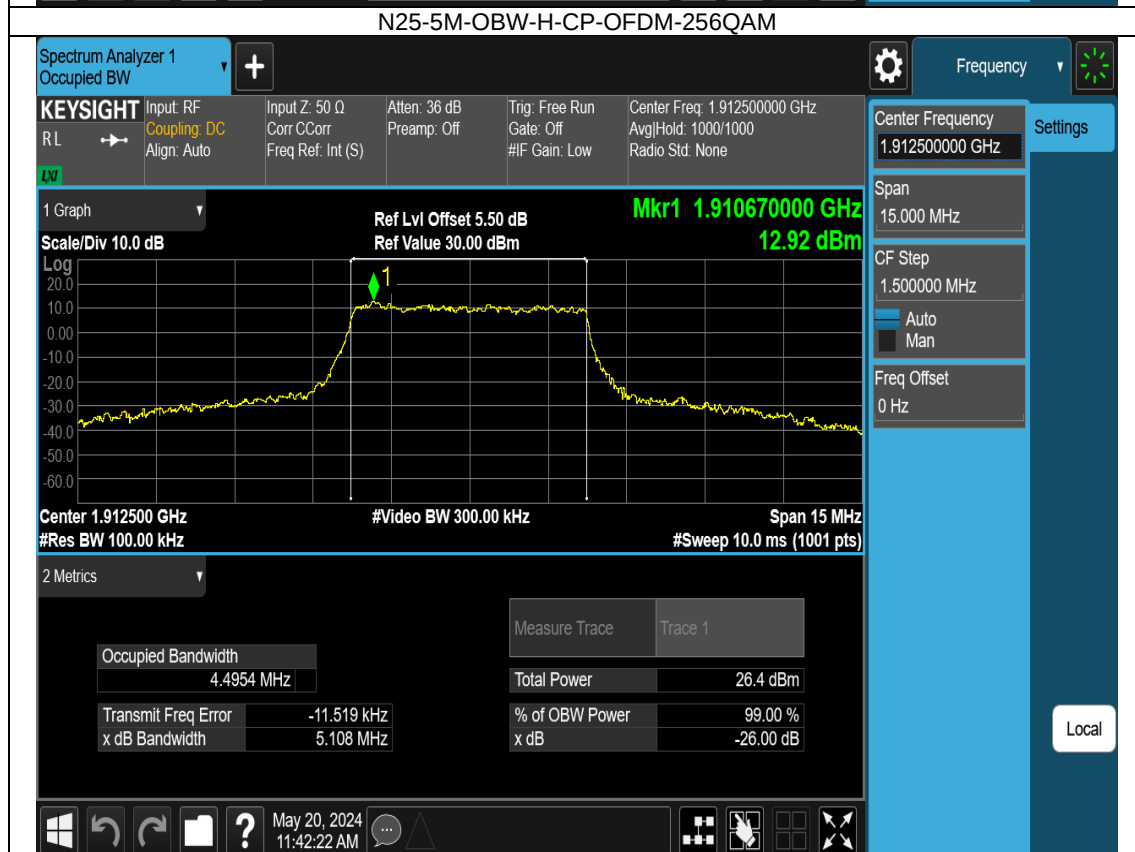
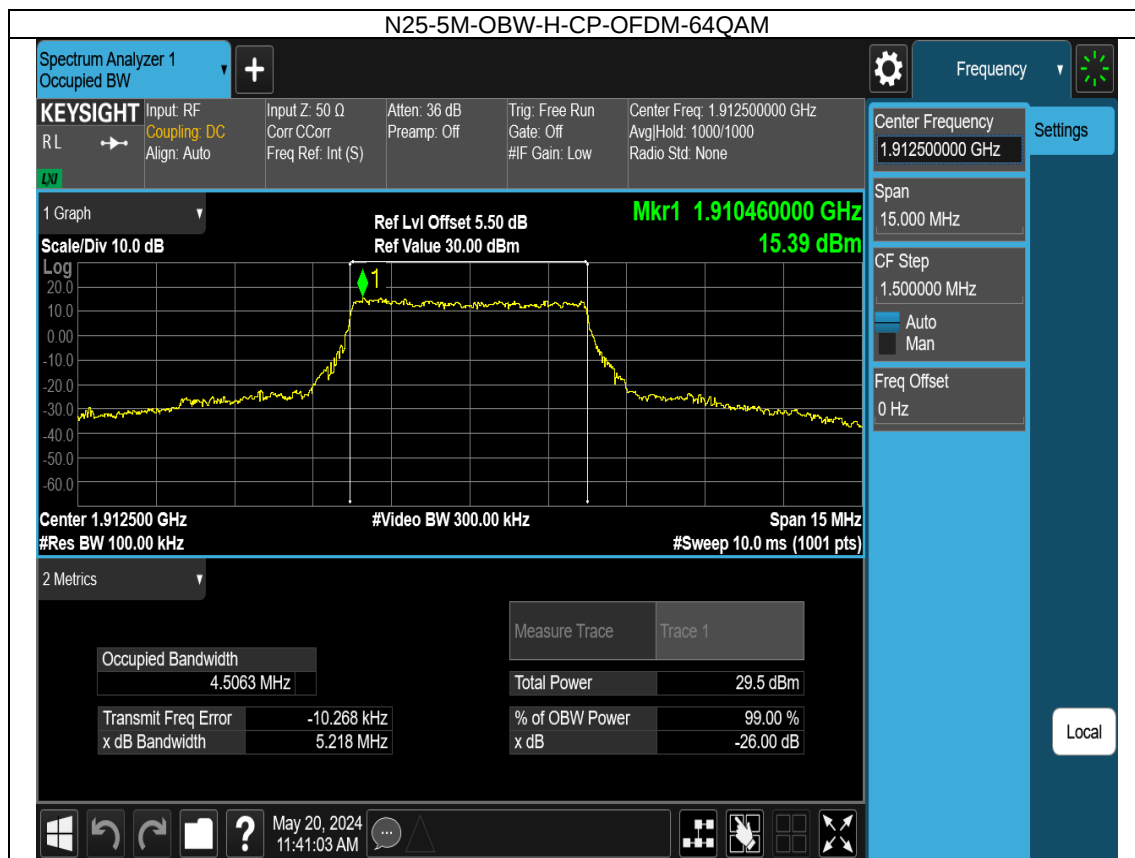
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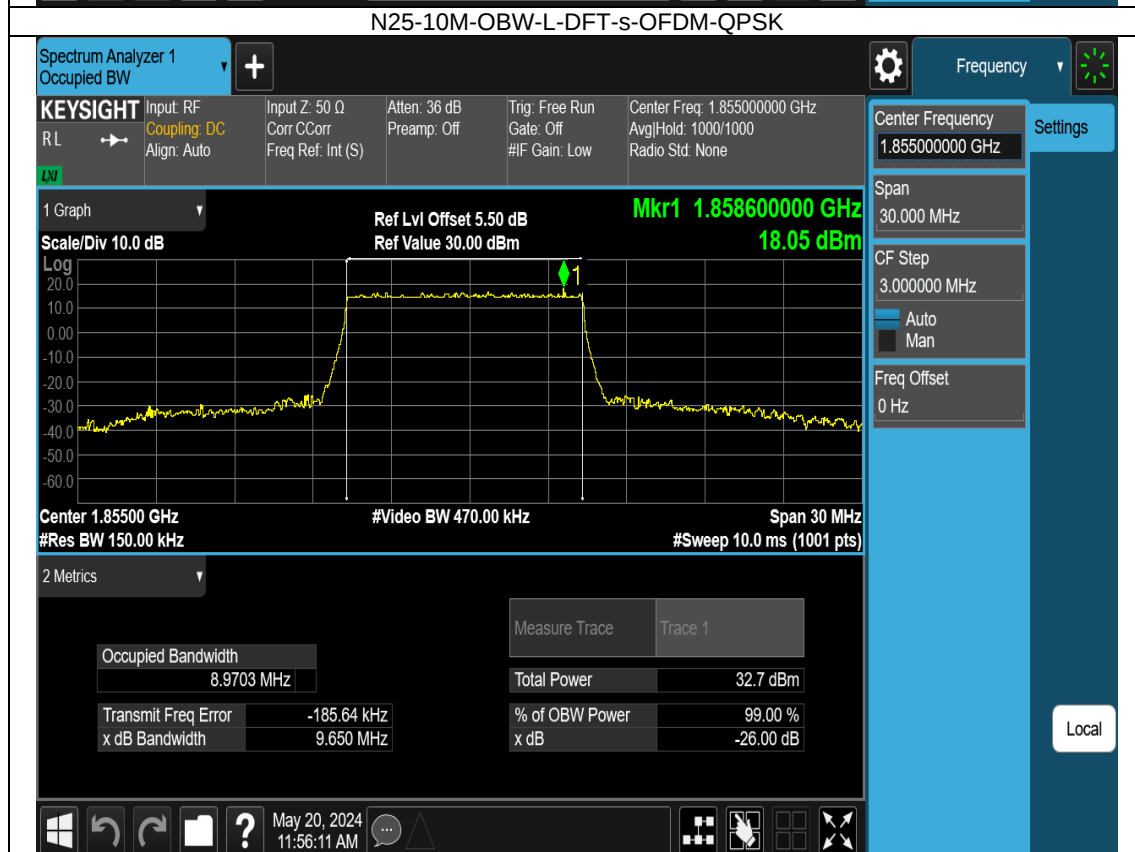
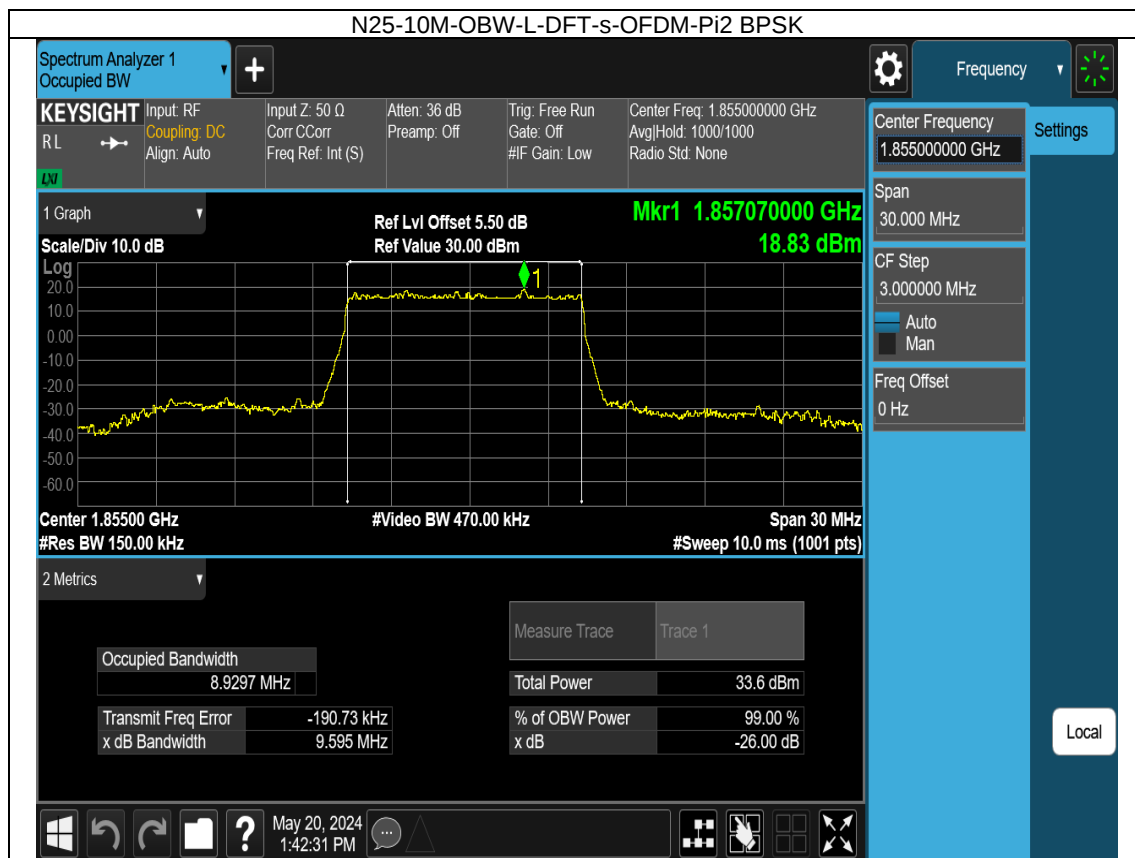


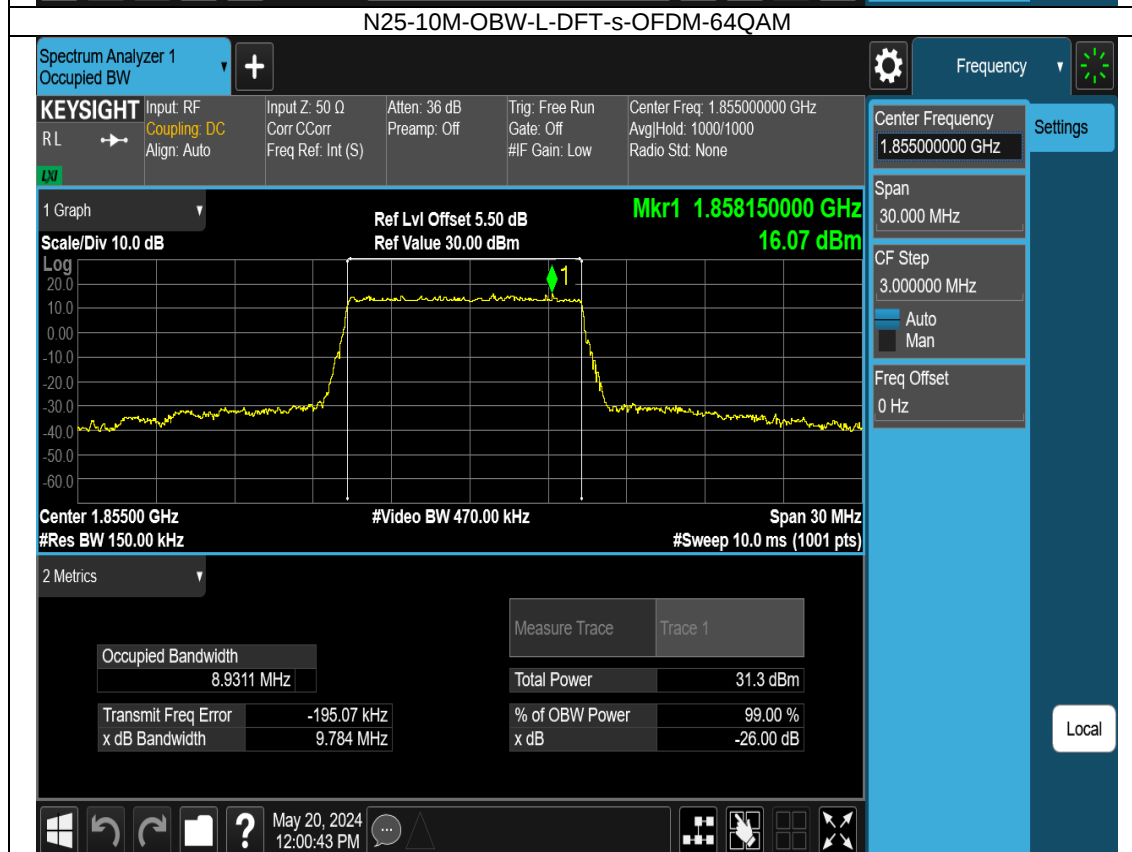
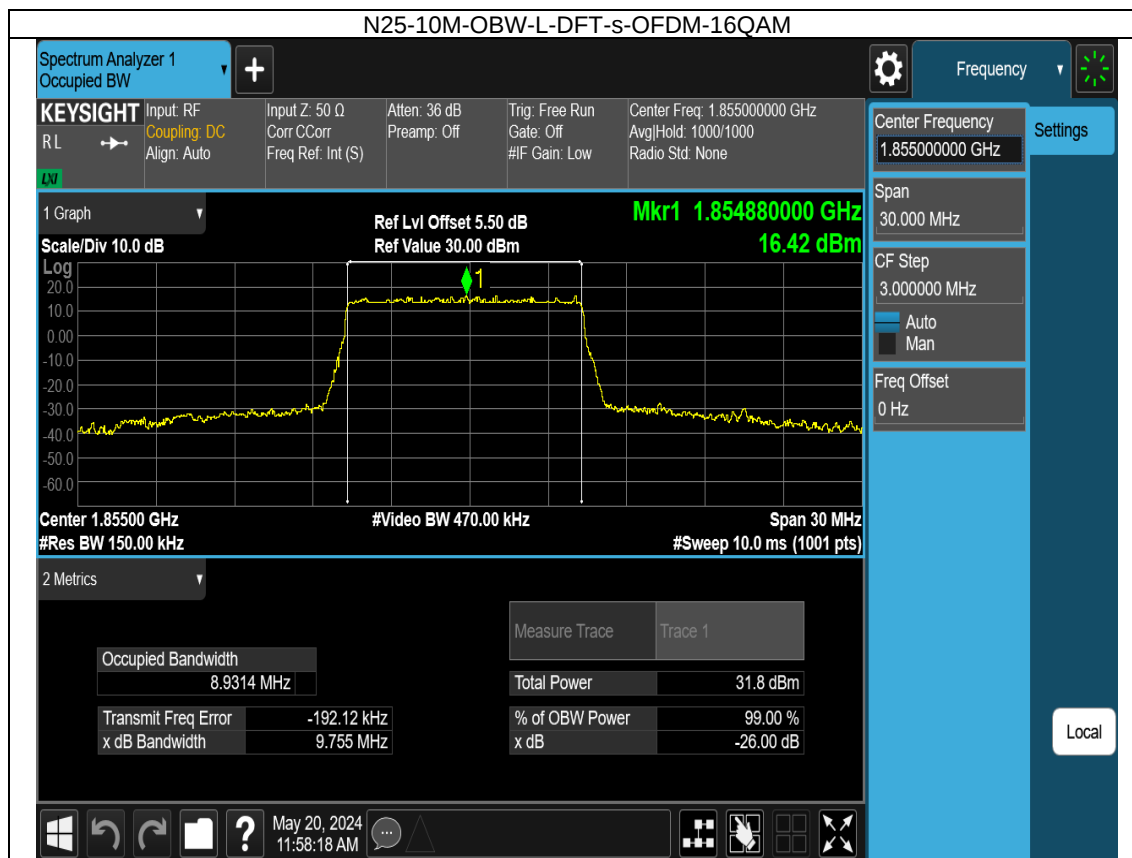
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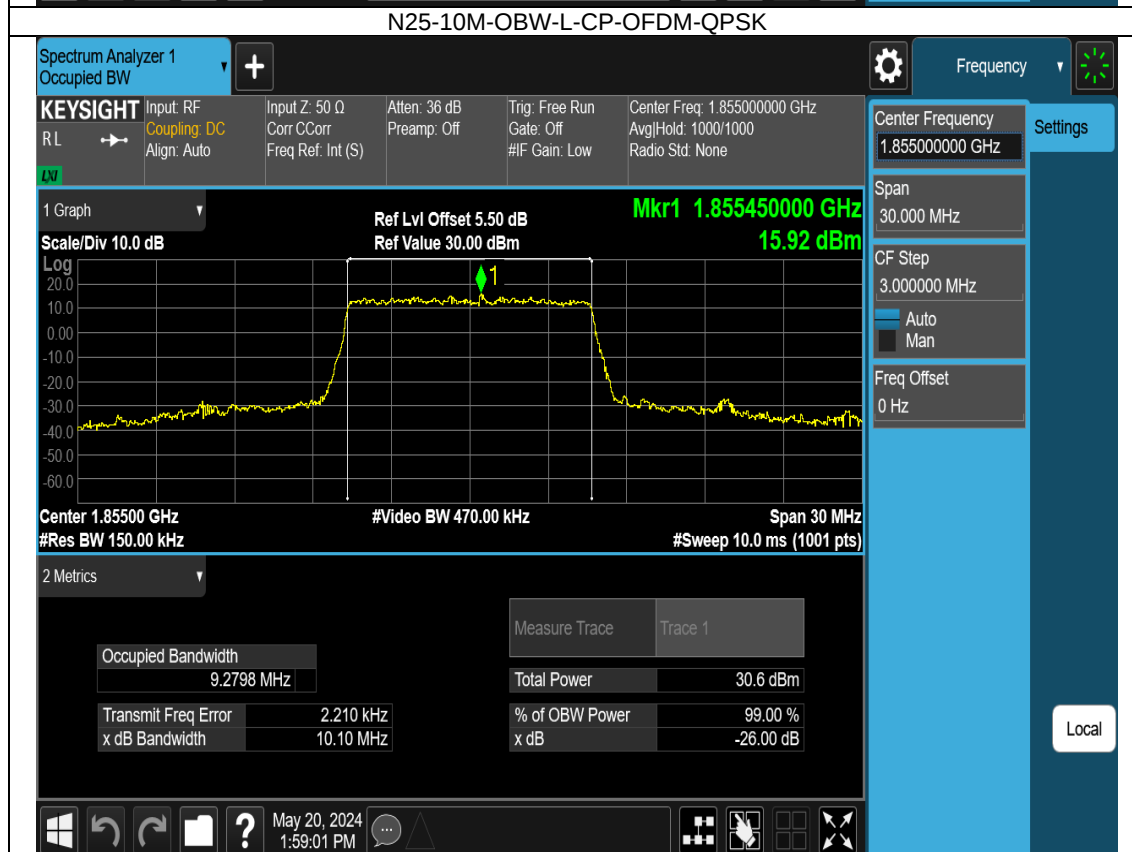
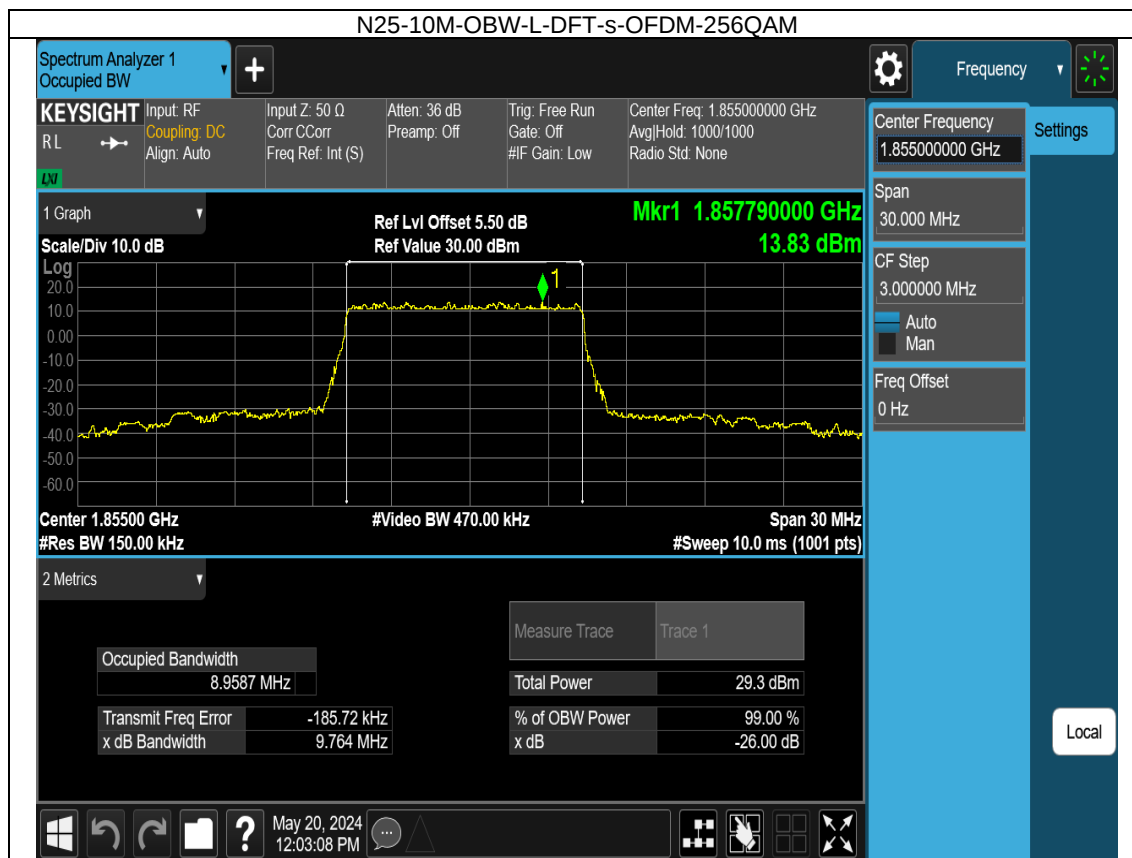


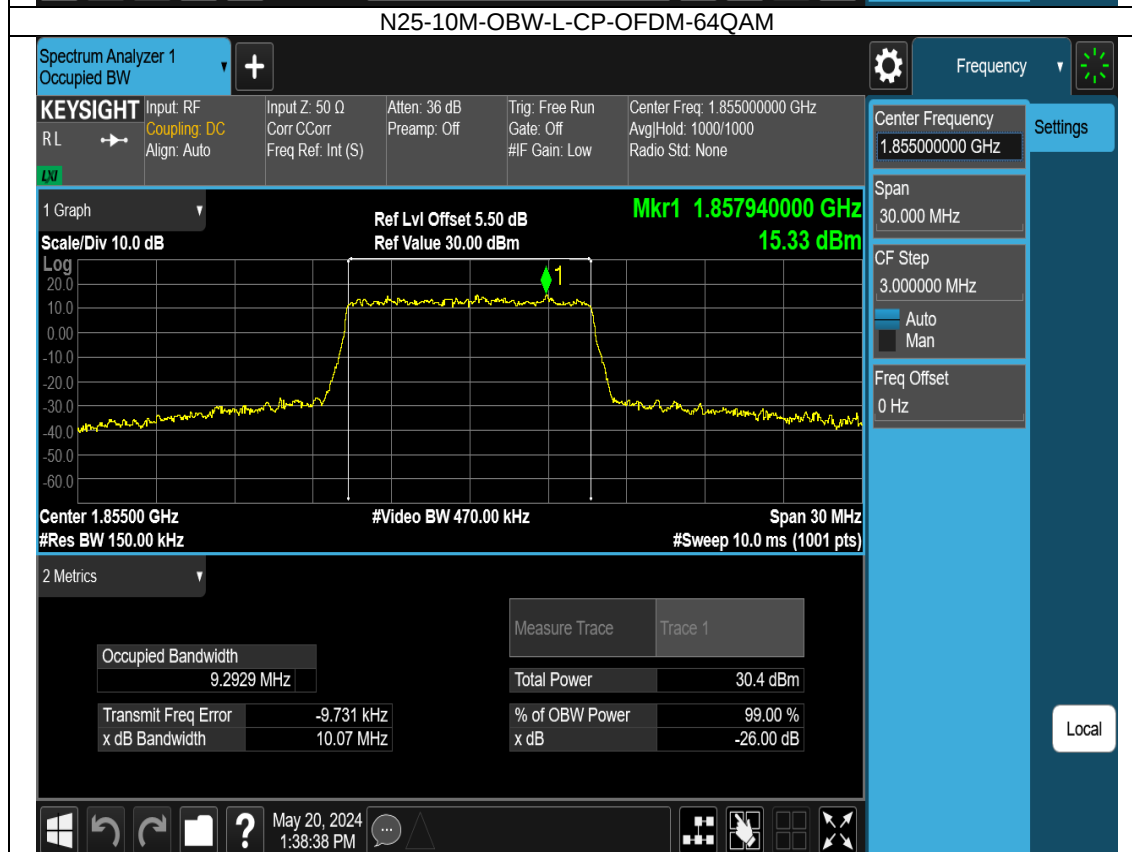
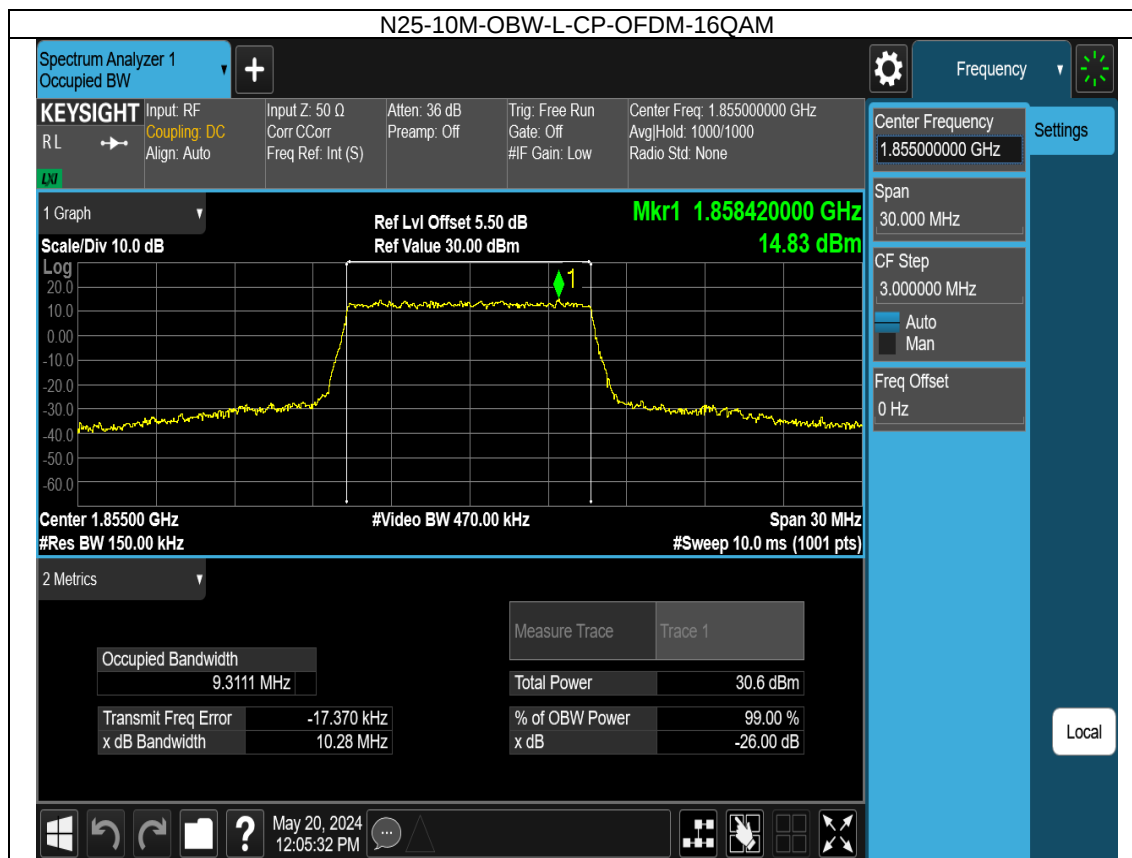




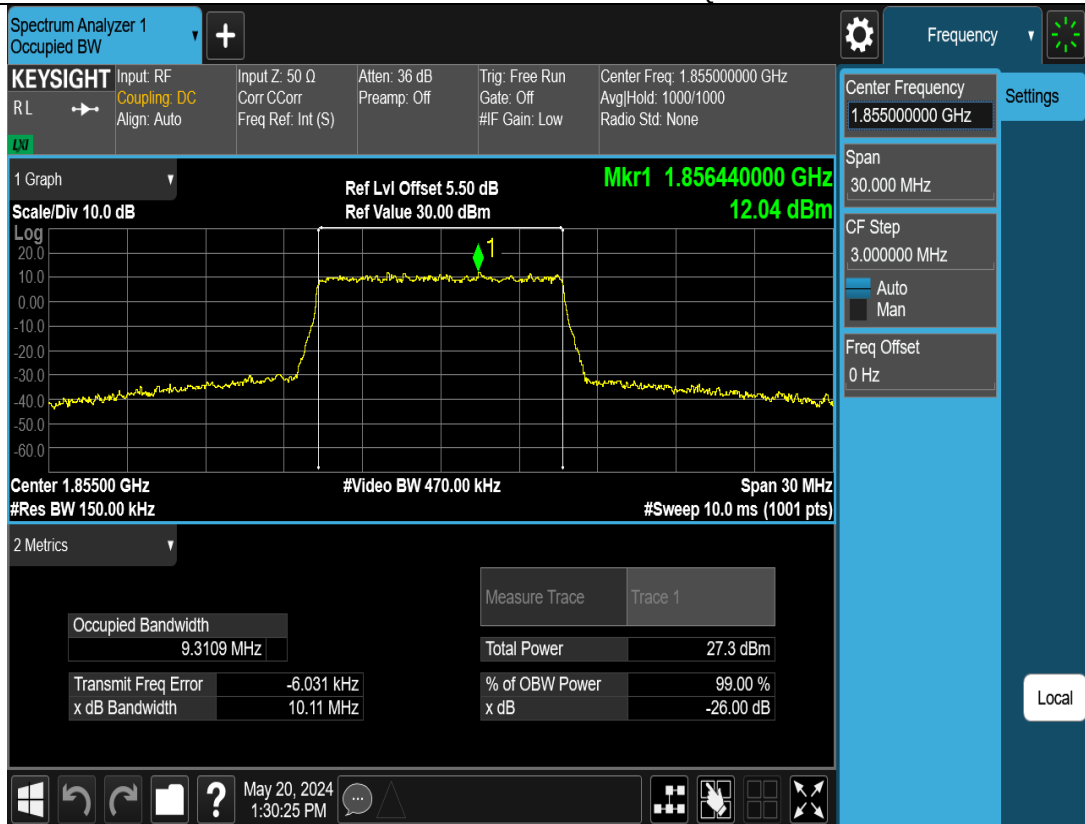




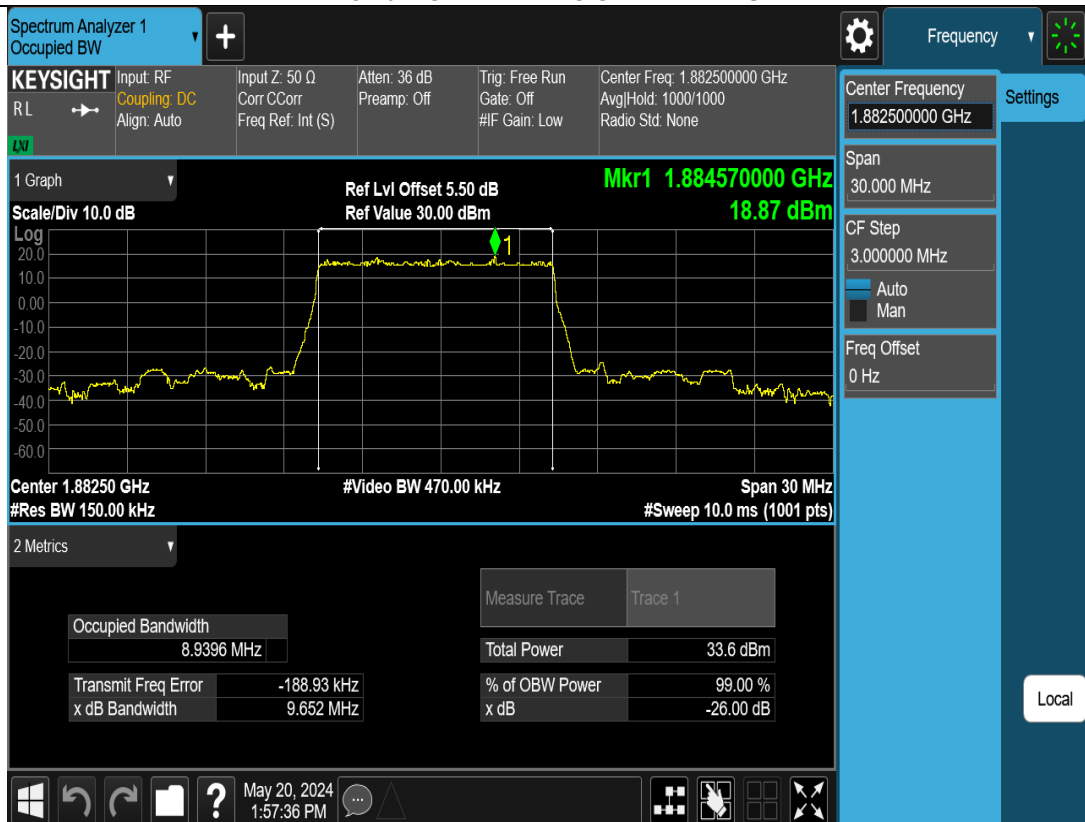




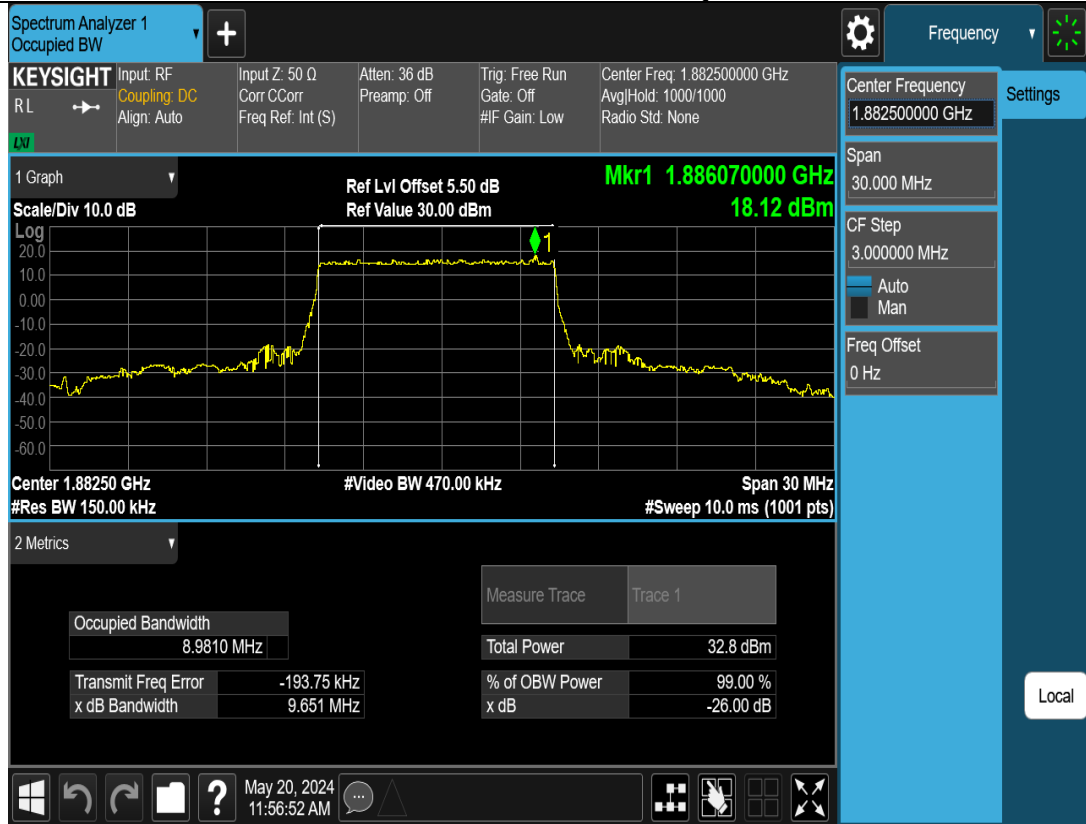
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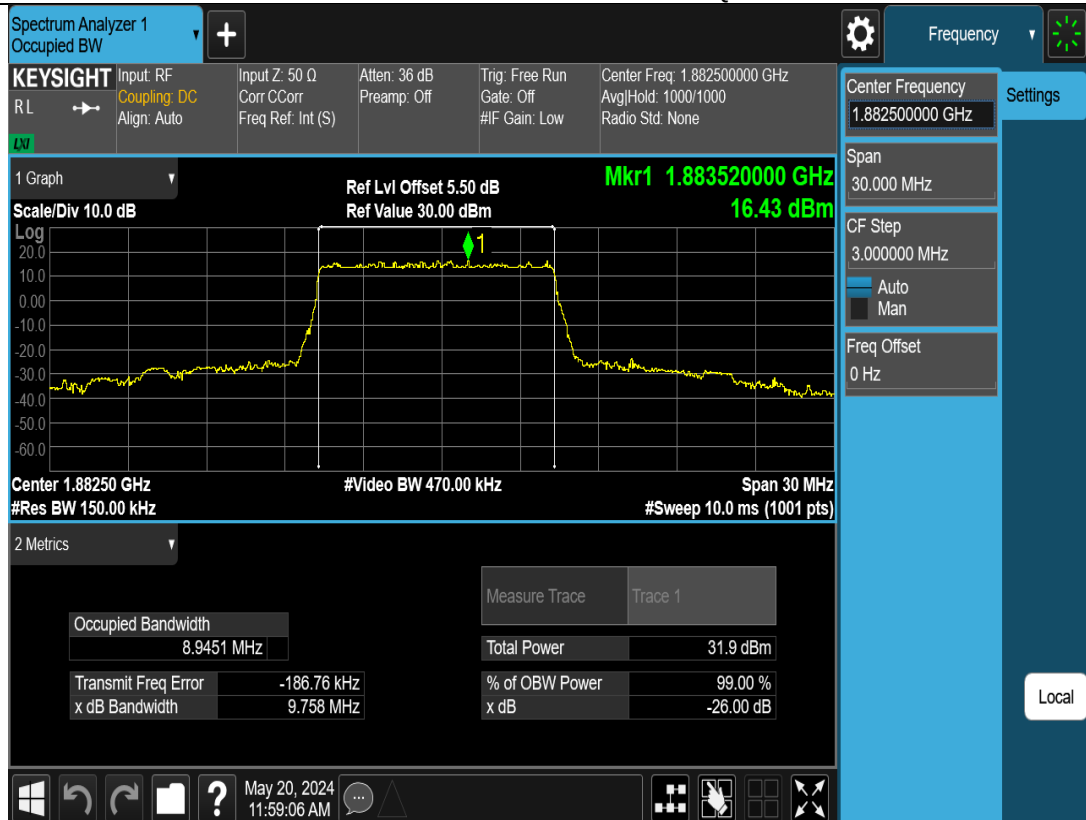
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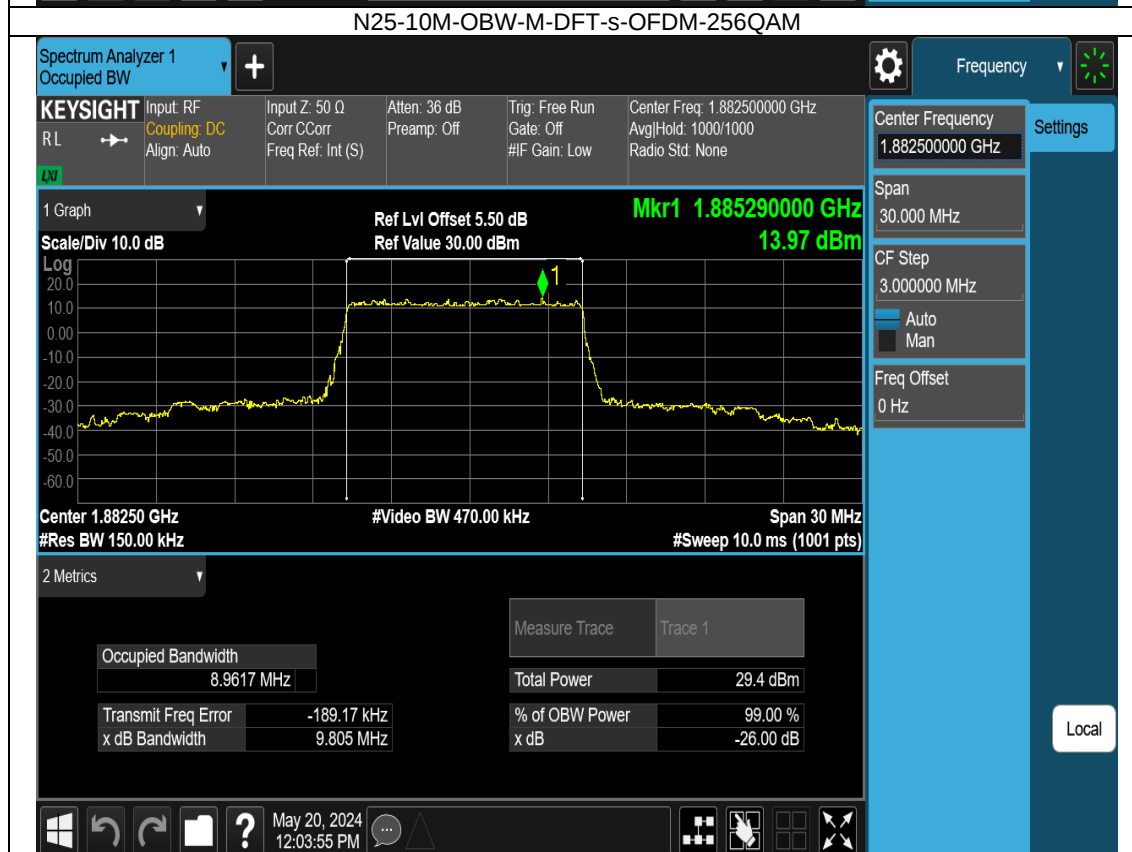
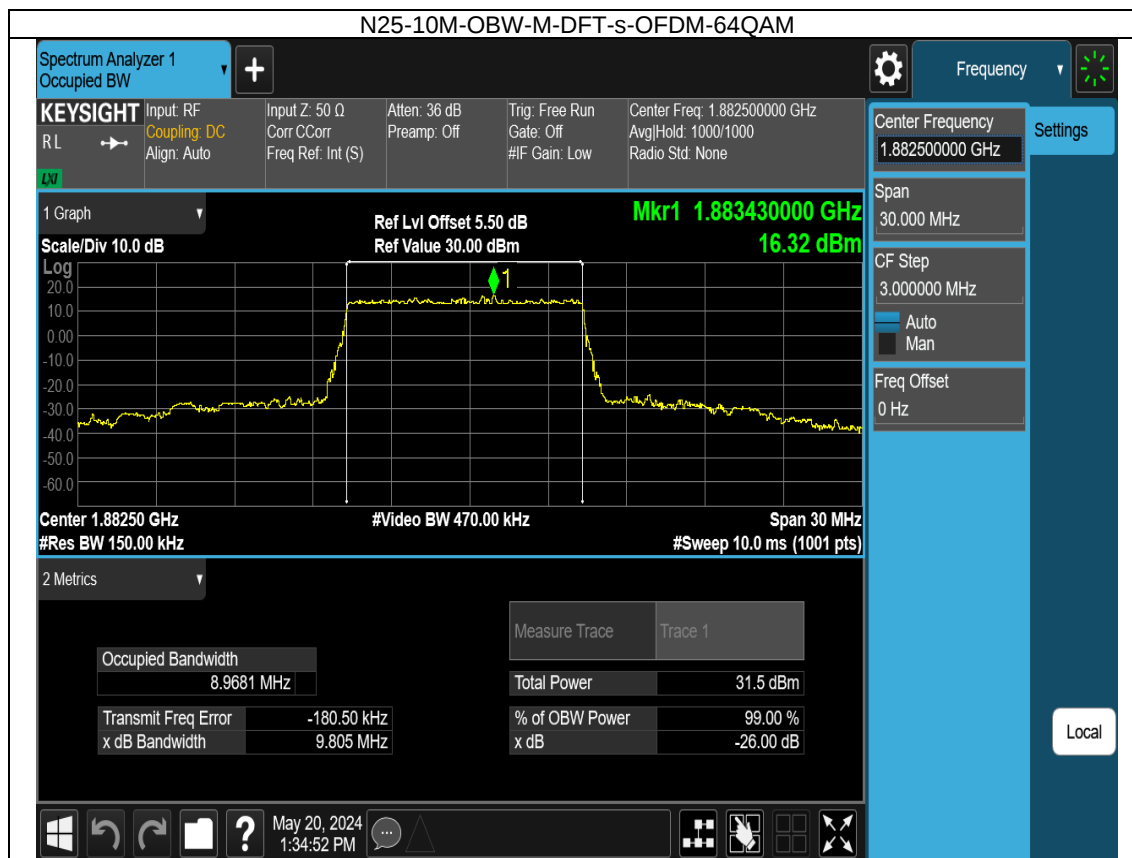


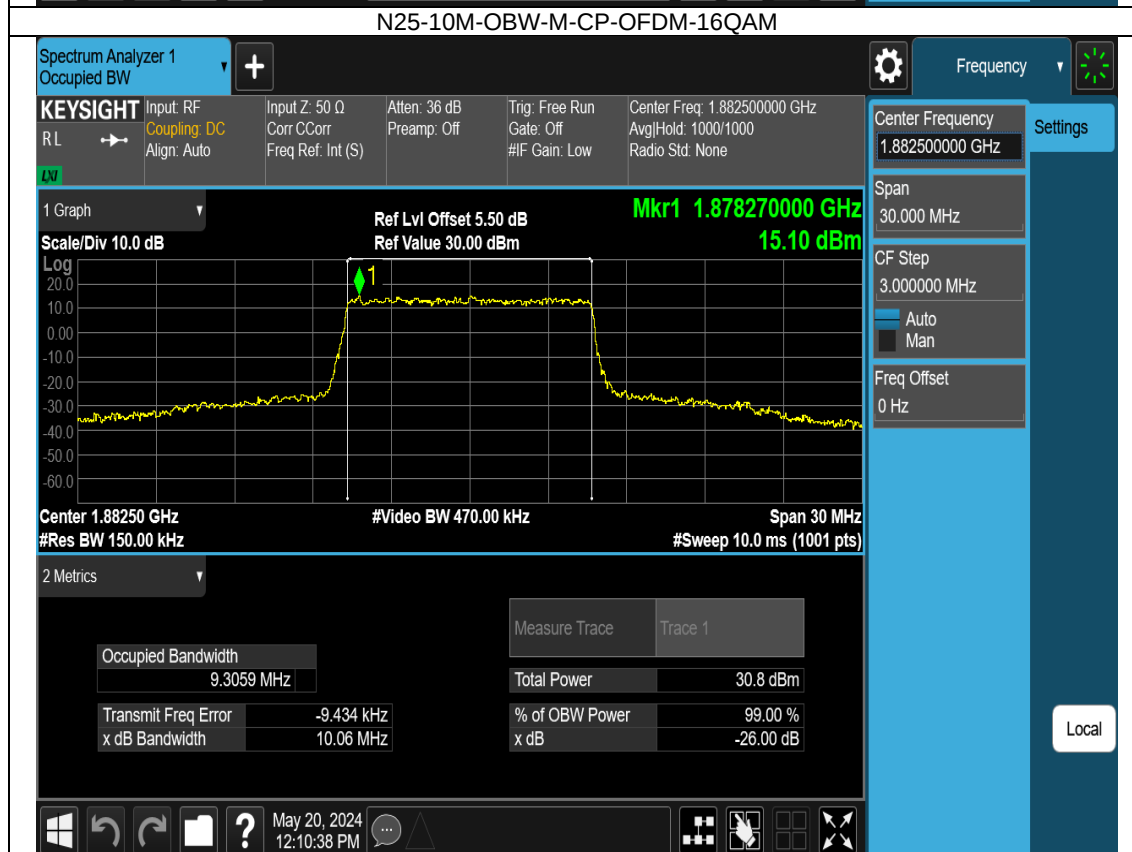
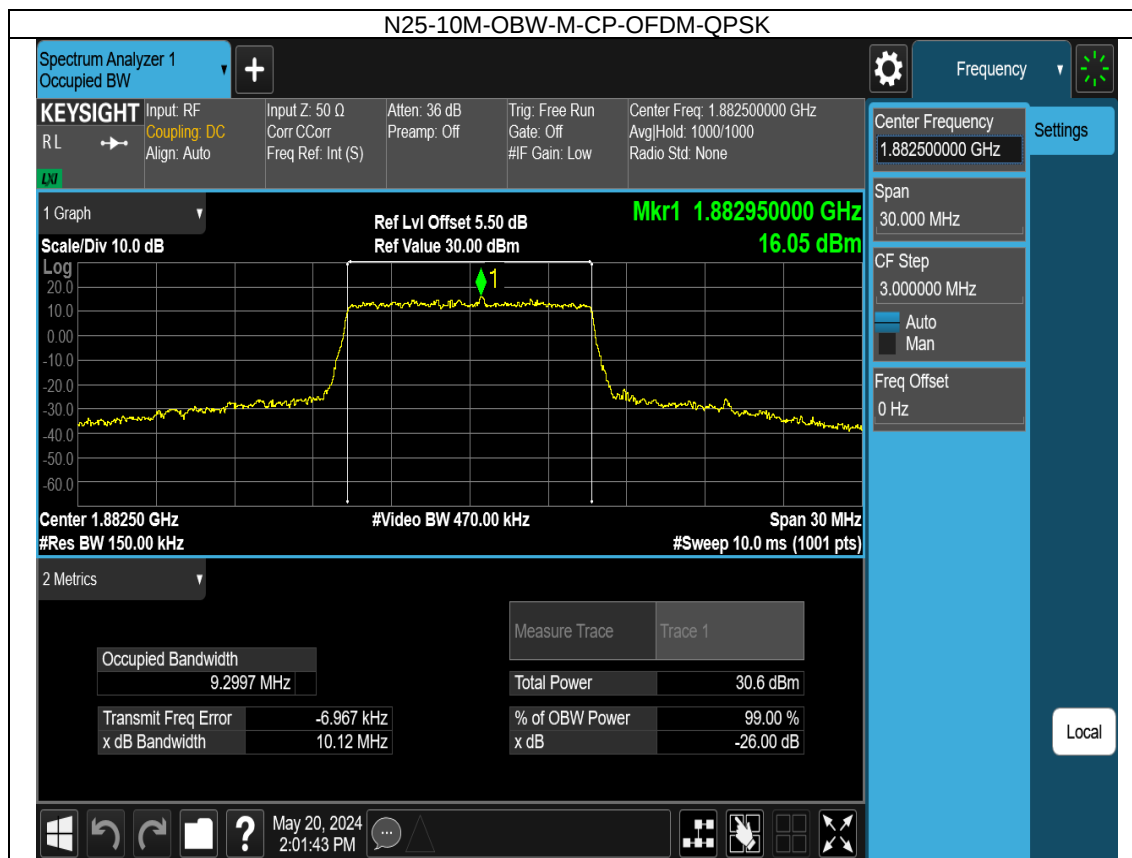
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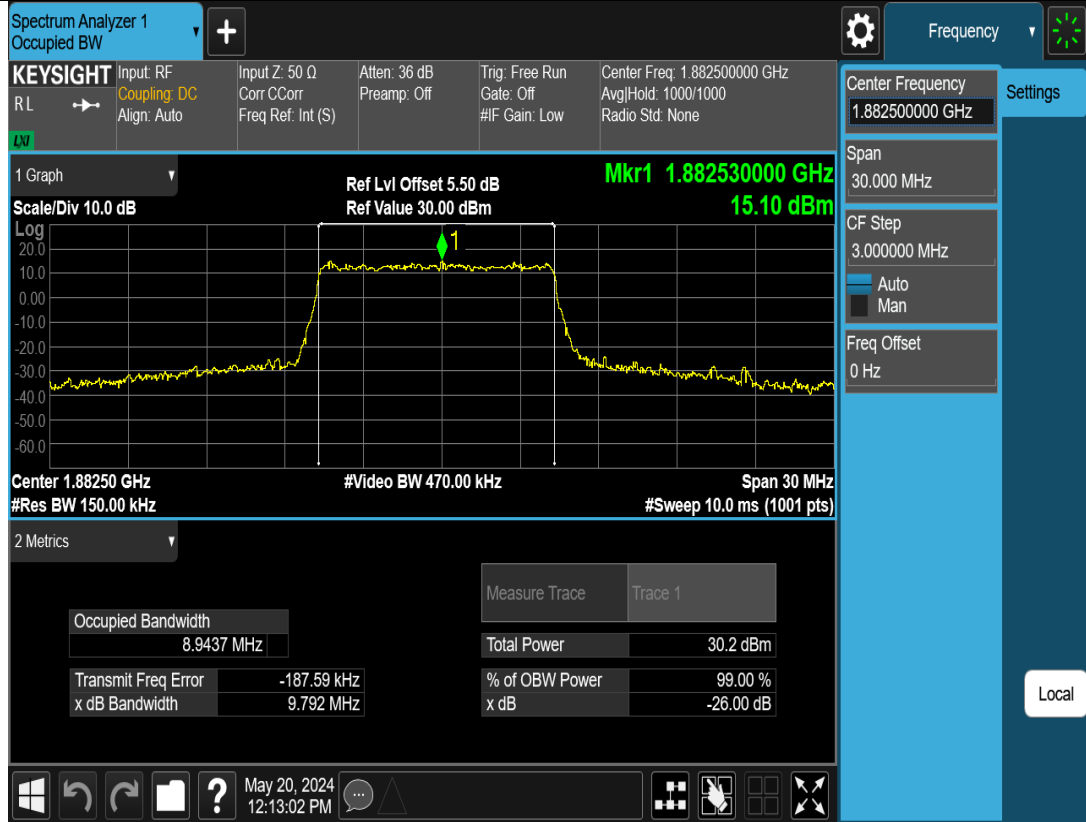
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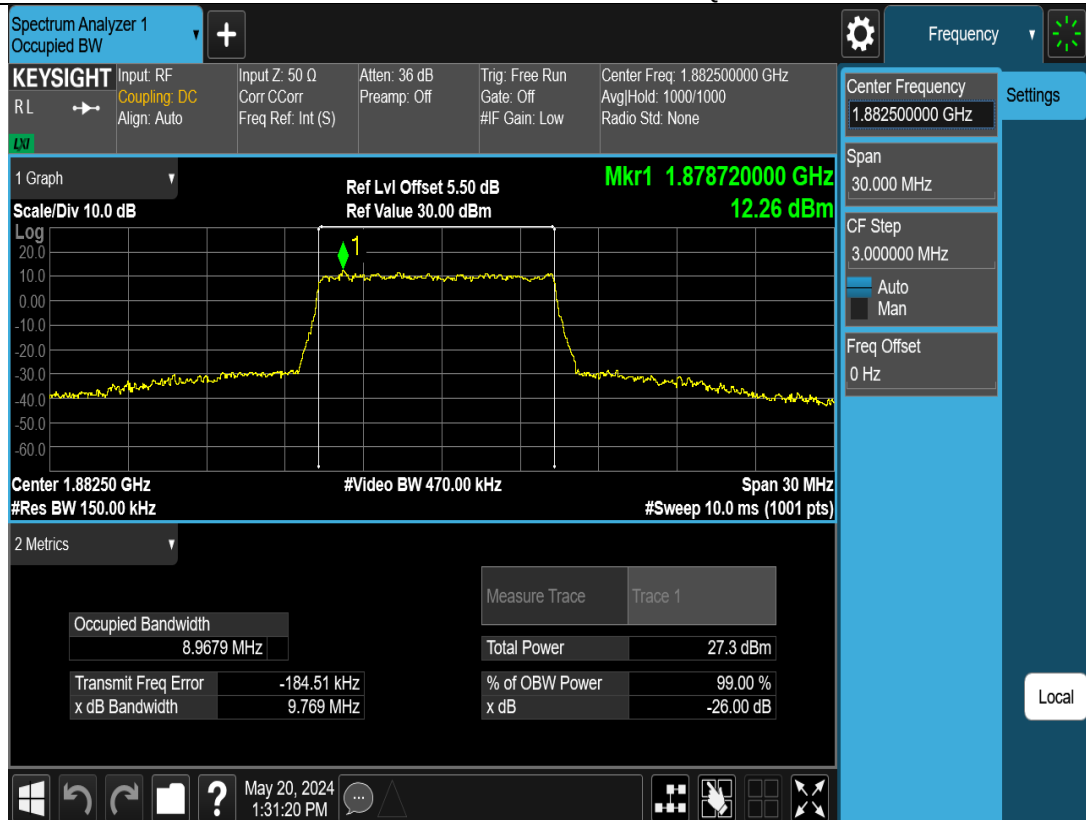


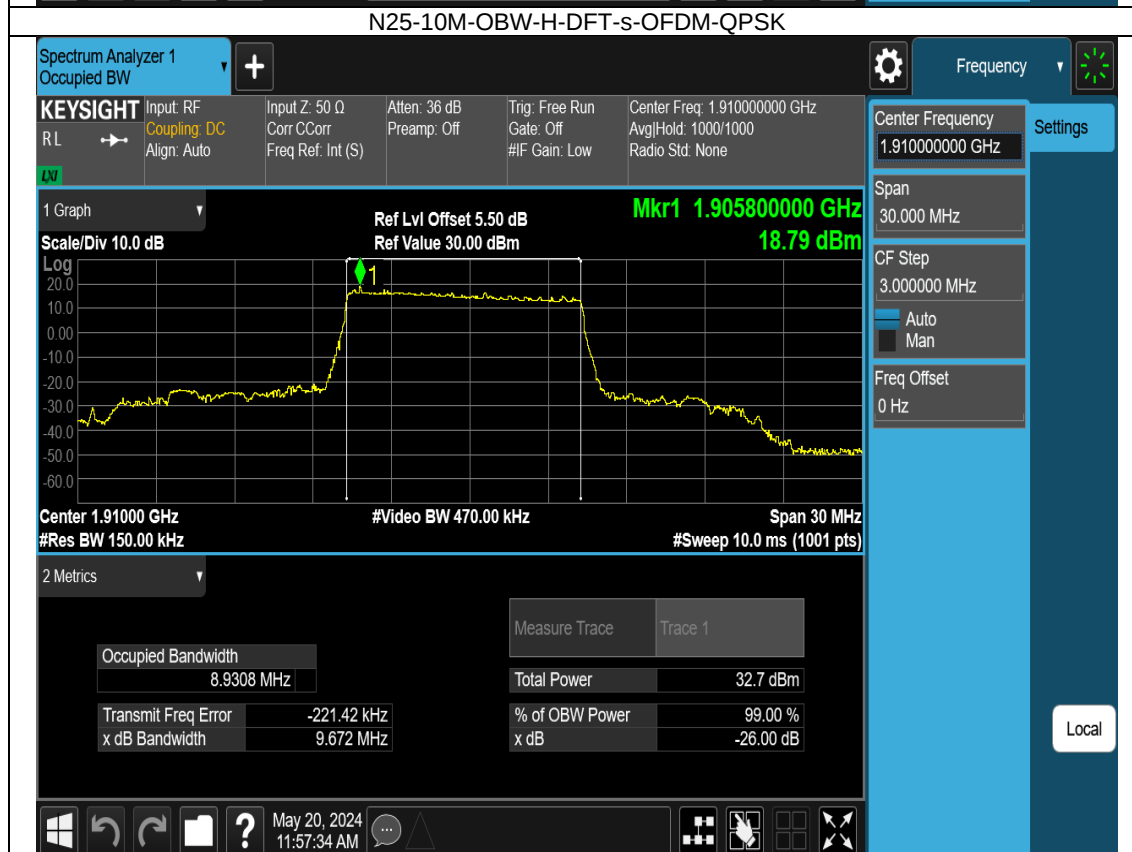
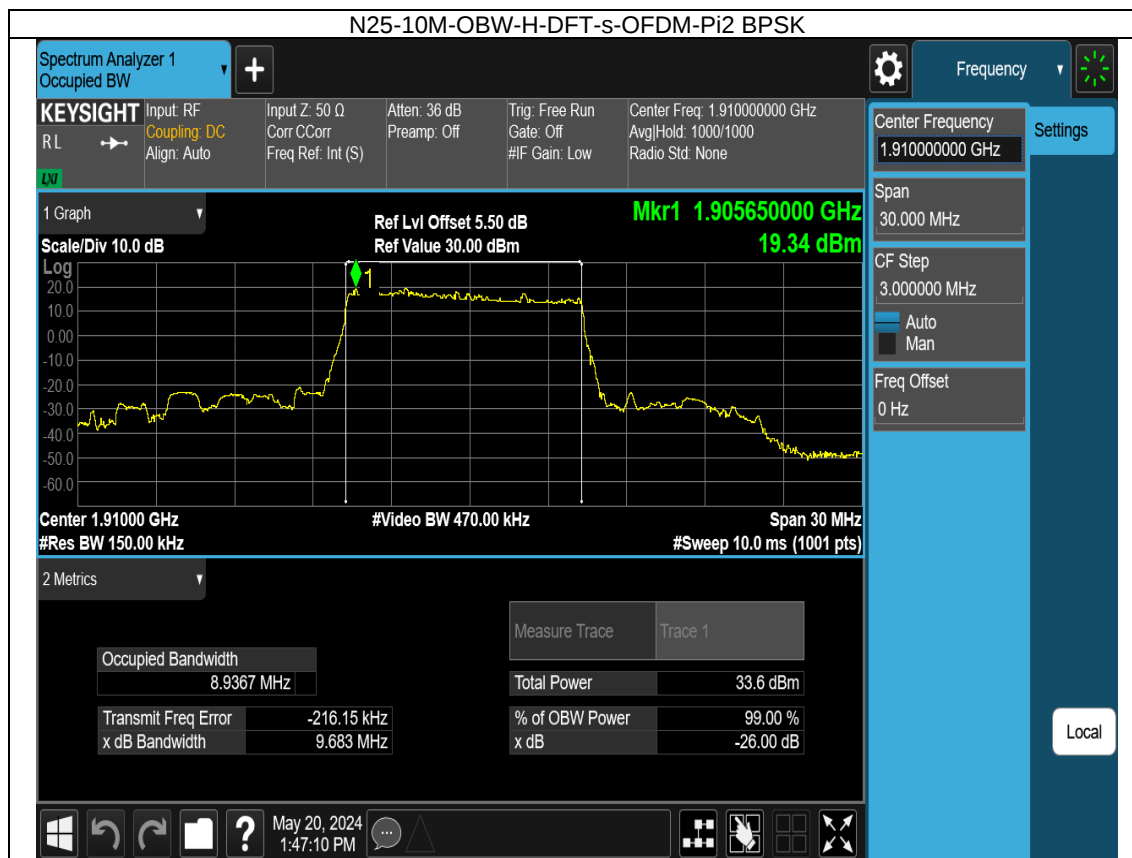


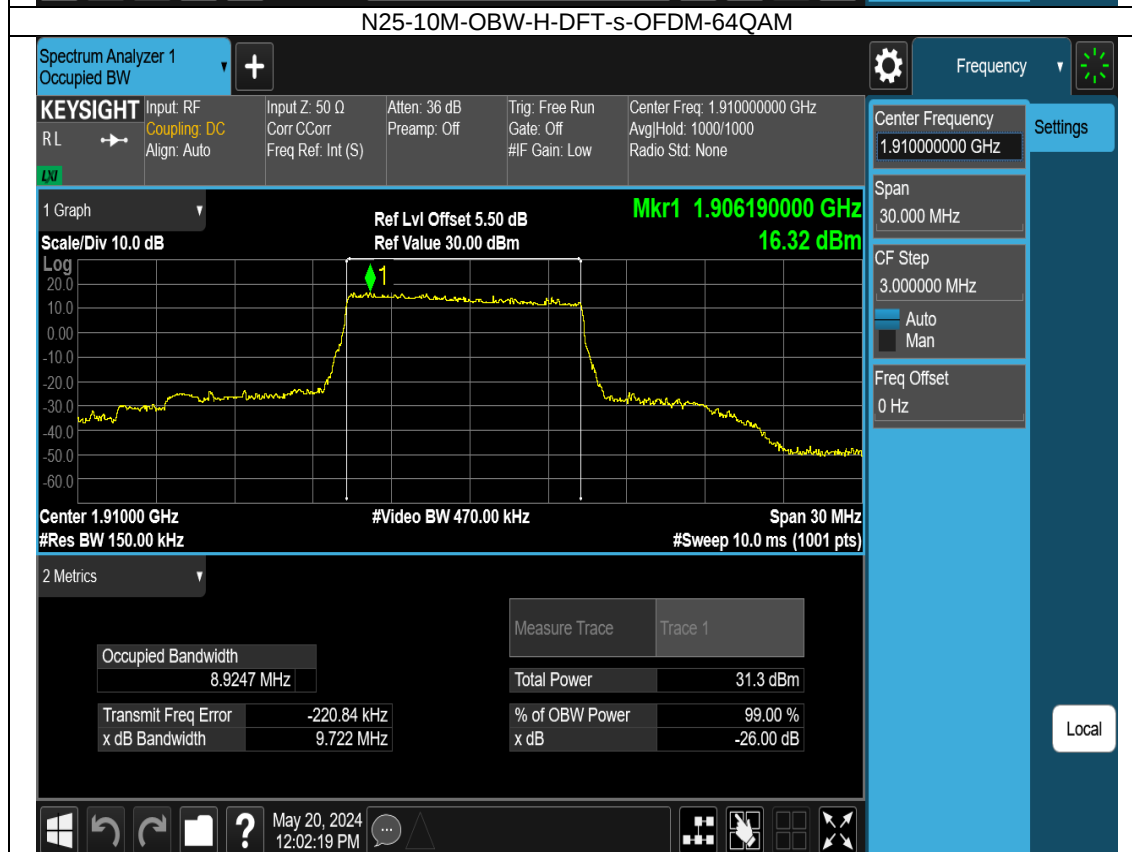
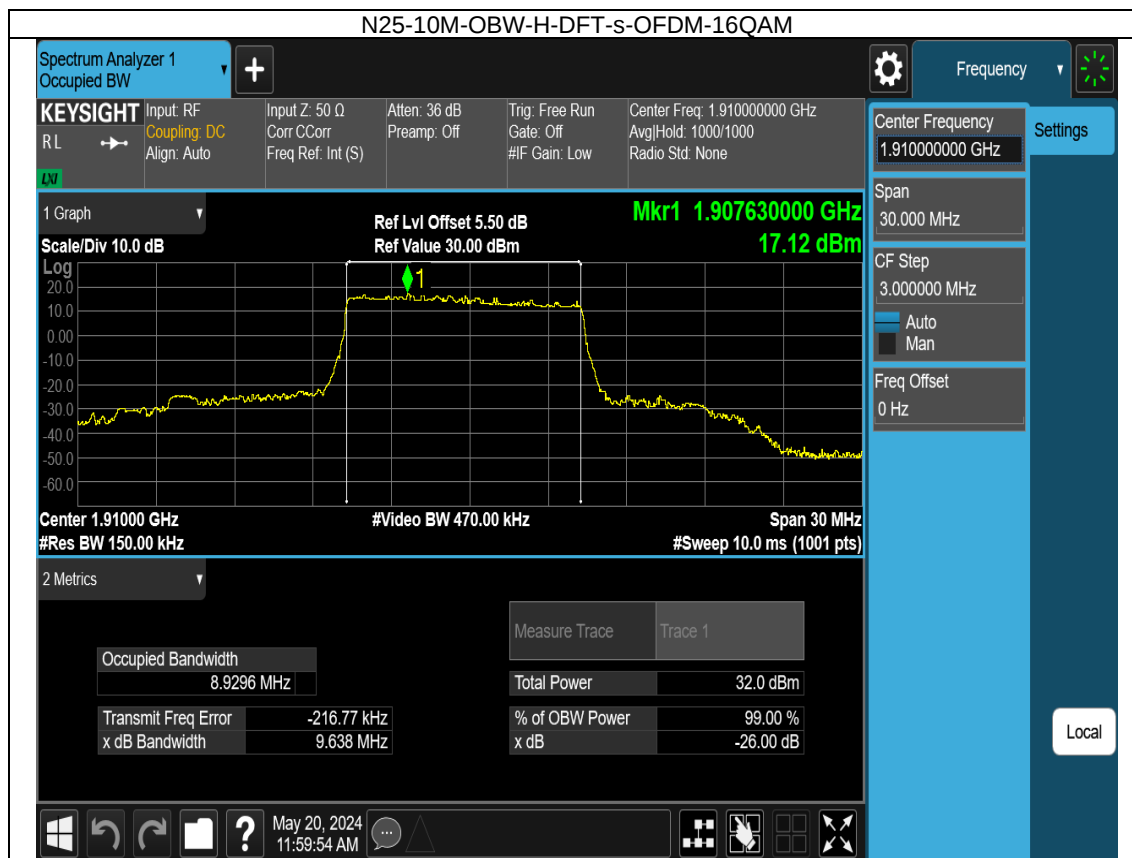
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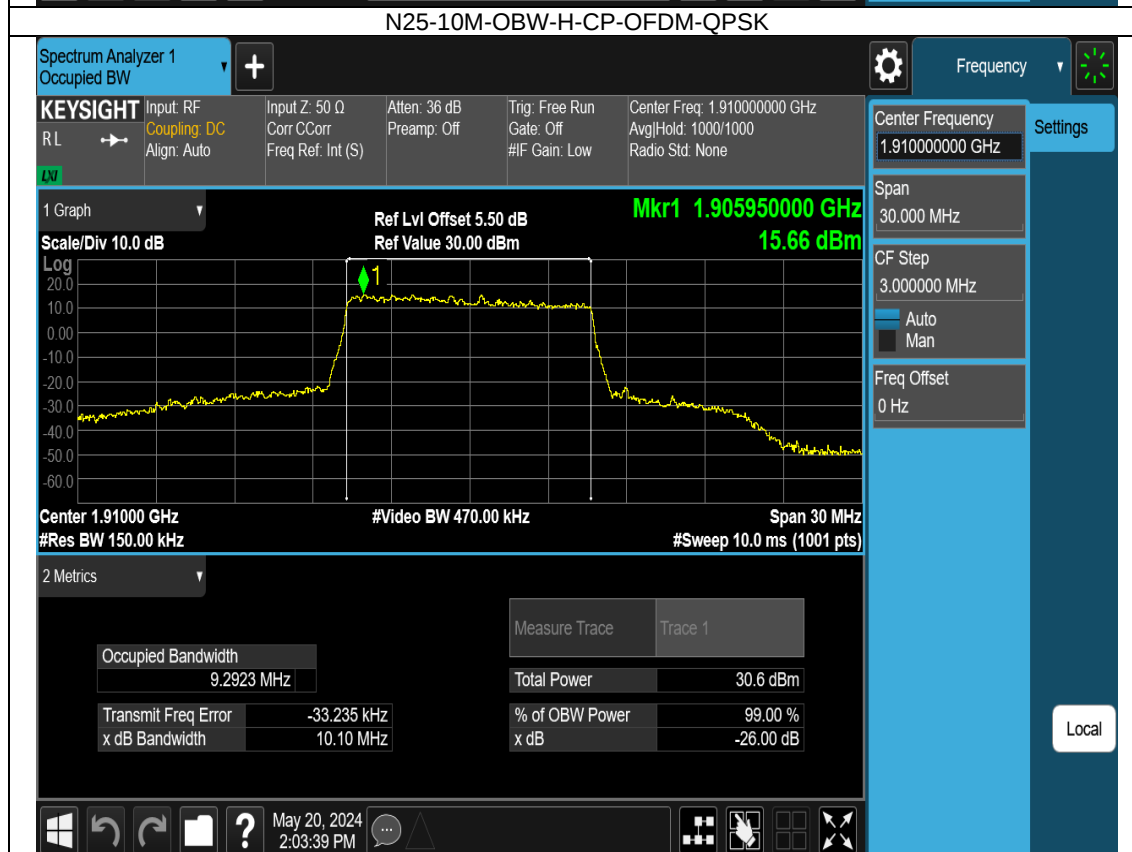
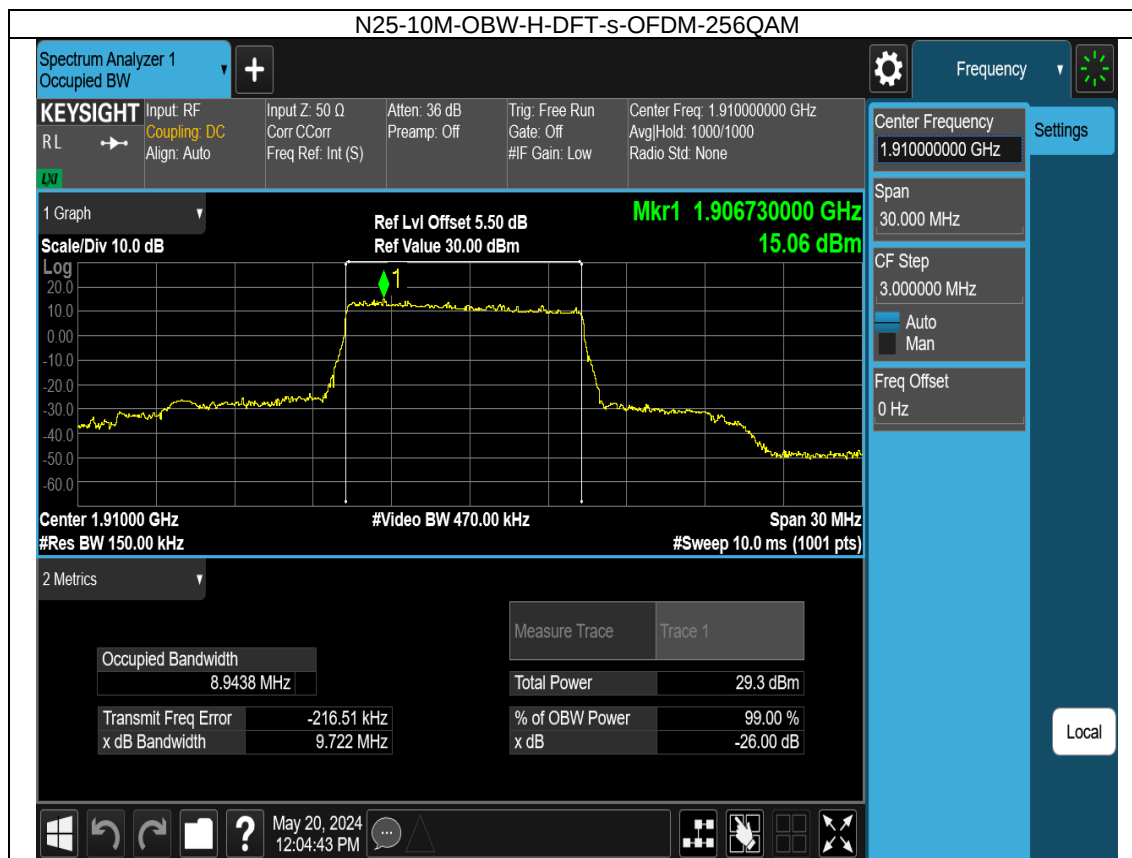


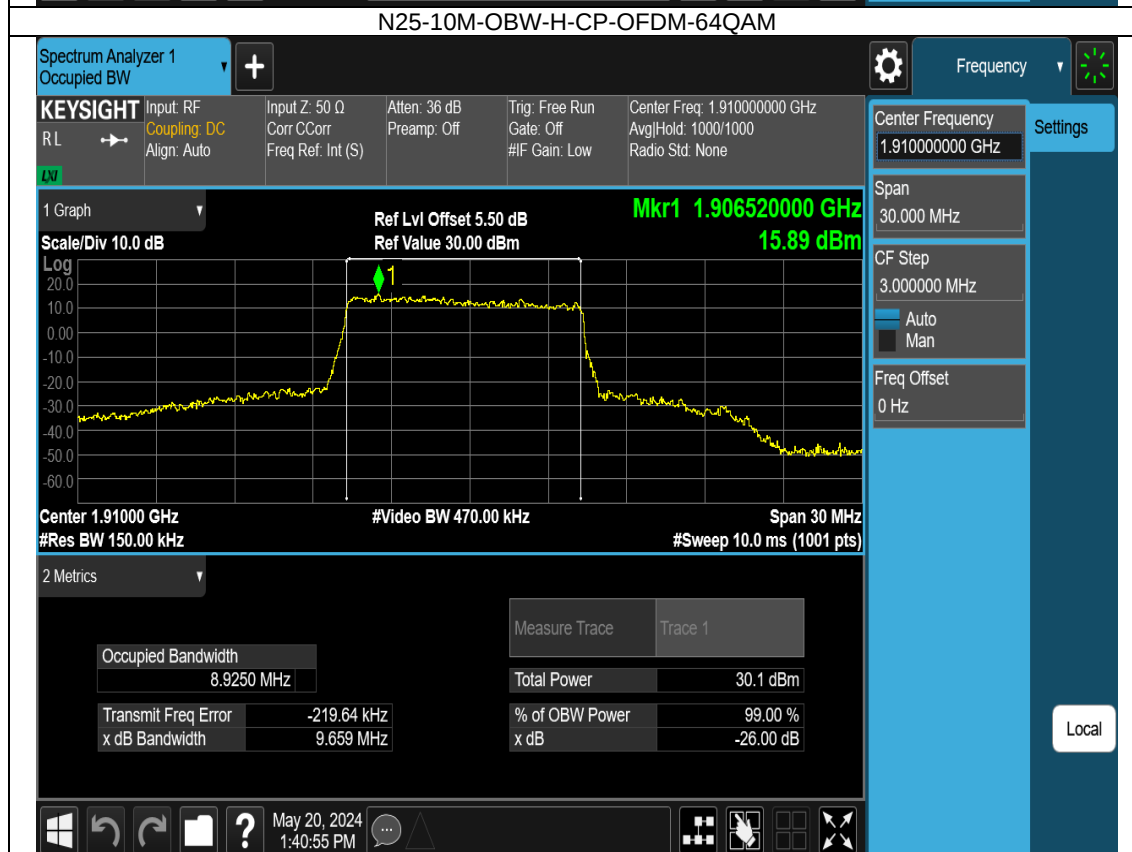
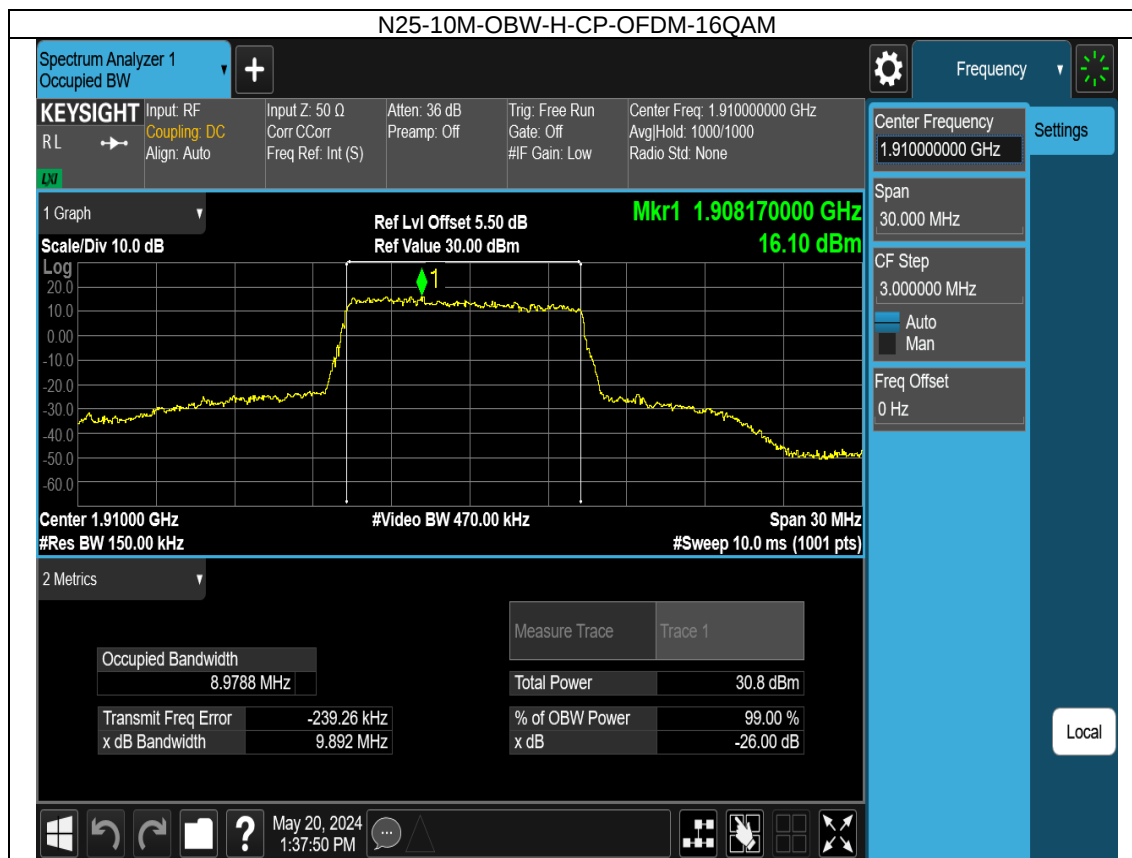
N25-10M-OBW-M-CP-OFDM-256QAM



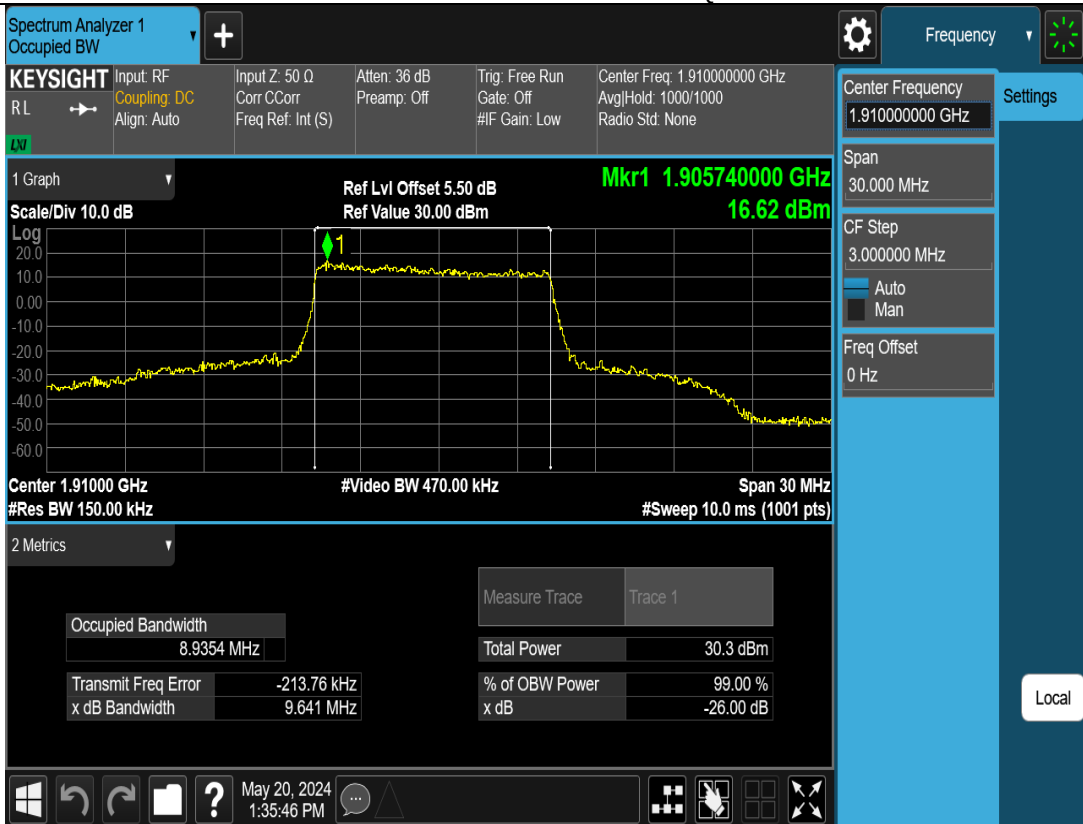




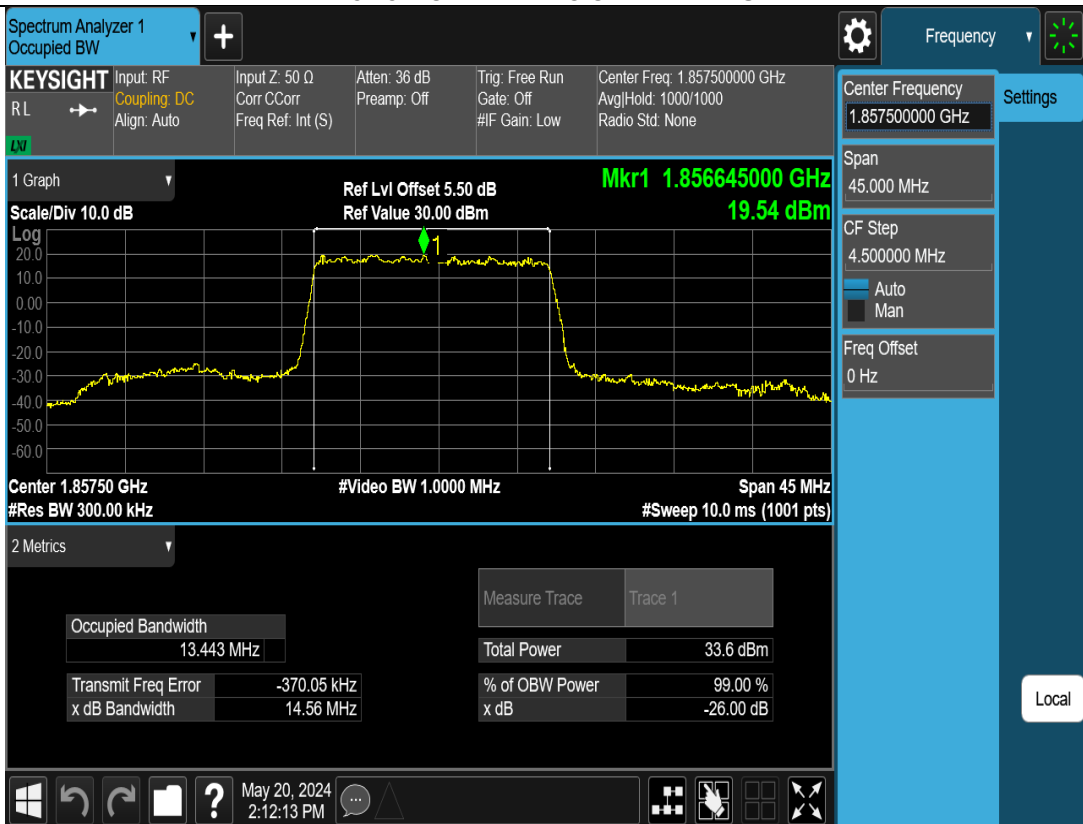




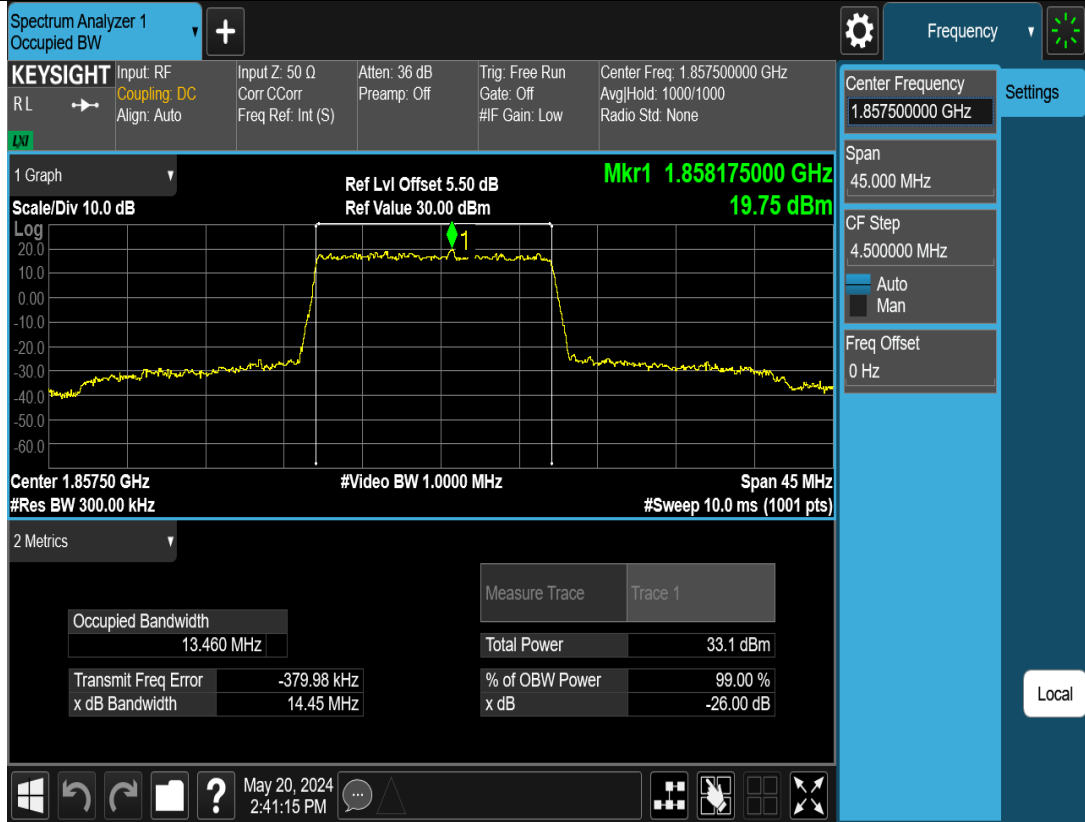
N25-10M-OBW-H-CP-OFDM-256QAM



N25-15M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N25-15M-OBW-L-DFT-s-OFDM-QPSK



N25-15M-OBW-L-DFT-s-OFDM-16QAM

