

99% & 26dB Bandwidth

Test Result

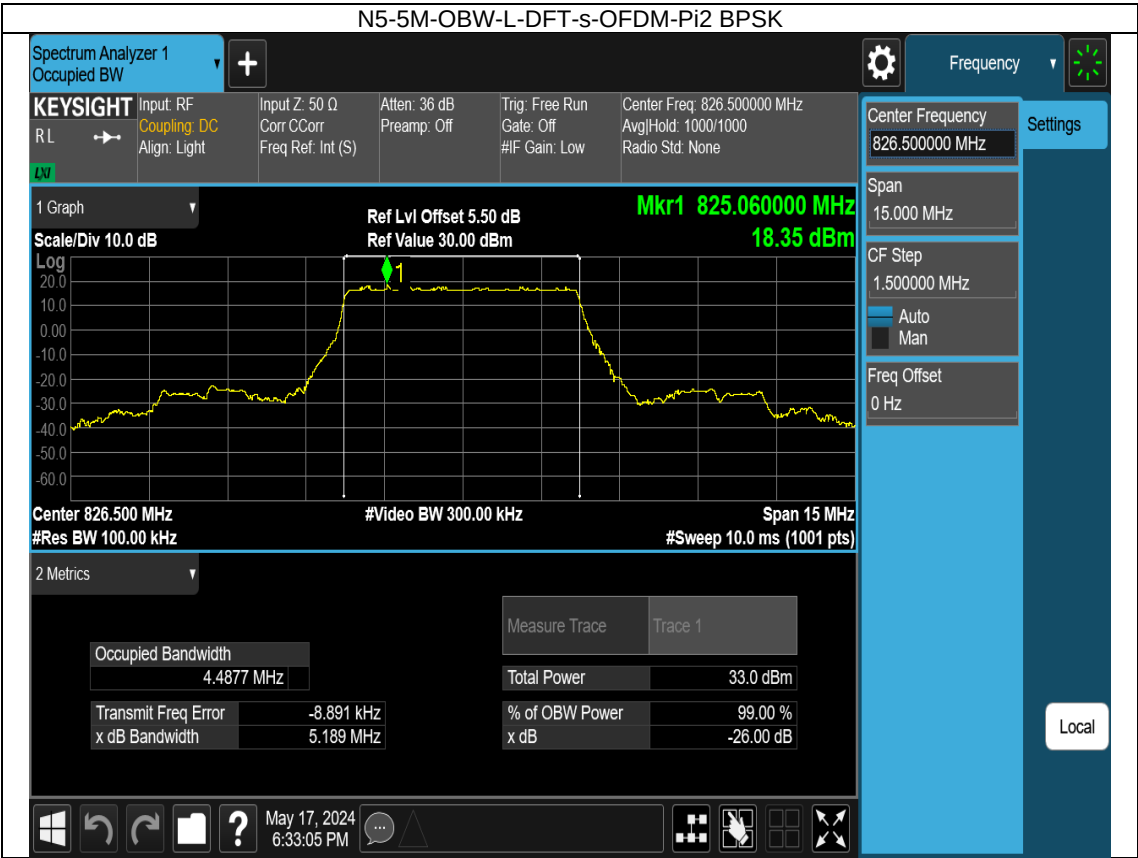
N5-5M-OBW-L-DFT-s-OFDM-Pi2 BPSK						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.488	5.189	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.527	5.251	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.497	5.309	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.494	5.225	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.495	5.181	/	Pass
CP-OFDM QPSK		Outer_Full	4.526	5.328	/	Pass
CP-OFDM 16QAM		Outer_Full	4.493	5.237	/	Pass
CP-OFDM 64QAM		Outer_Full	4.494	5.122	/	Pass
CP-OFDM 256QAM		Outer_Full	4.492	5.228	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.481	5.094	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.509	5.247	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.491	5.163	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	5.000	5.144	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.492	5.145	/	Pass
CP-OFDM QPSK		Outer_Full	4.521	5.203	/	Pass
CP-OFDM 16QAM		Outer_Full	4.493	5.035	/	Pass
CP-OFDM 64QAM		Outer_Full	4.526	5.201	/	Pass
CP-OFDM 256QAM		Outer_Full	4.499	5.124	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.485	5.157	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.532	5.278	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.504	5.154	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.493	5.172	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.489	5.173	/	Pass
CP-OFDM QPSK		Outer_Full	4.498	5.241	/	Pass
CP-OFDM 16QAM		Outer_Full	4.482	5.091	/	Pass
CP-OFDM 64QAM		Outer_Full	4.502	5.12	/	Pass
CP-OFDM 256QAM		Outer_Full	4.497	5.111	/	Pass

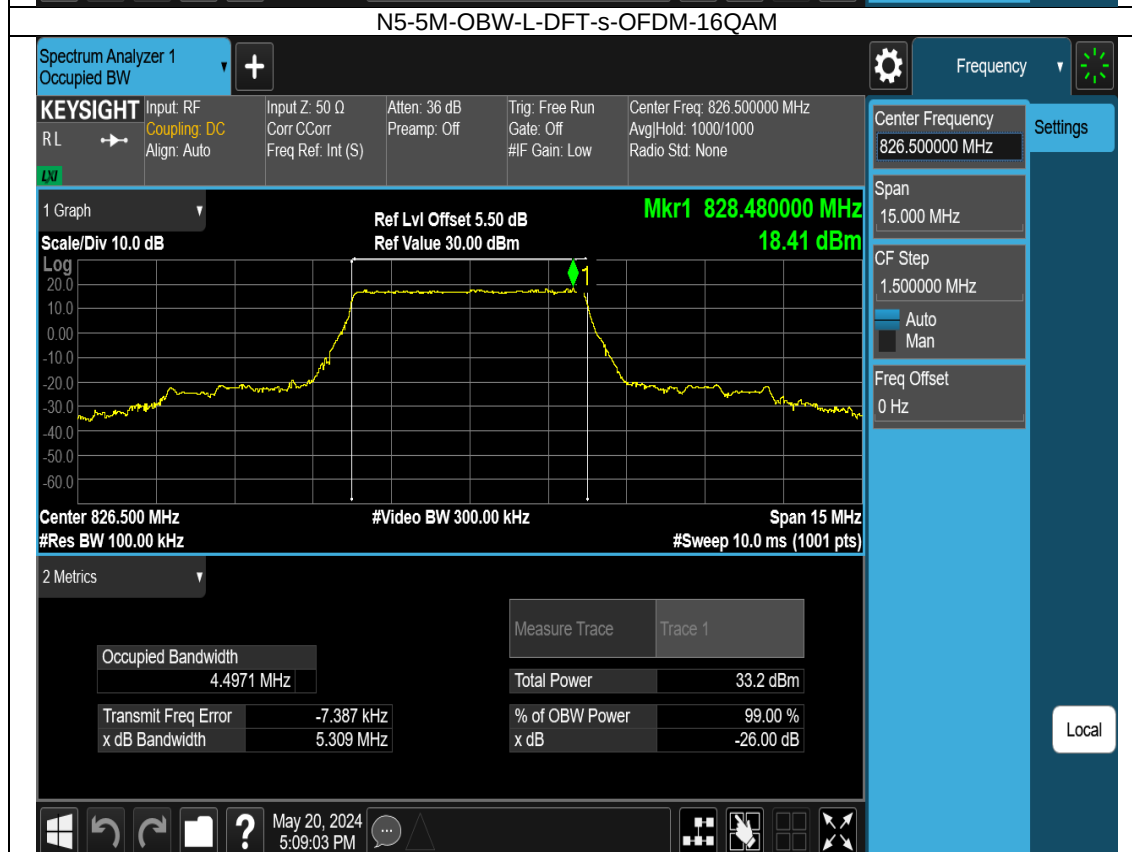
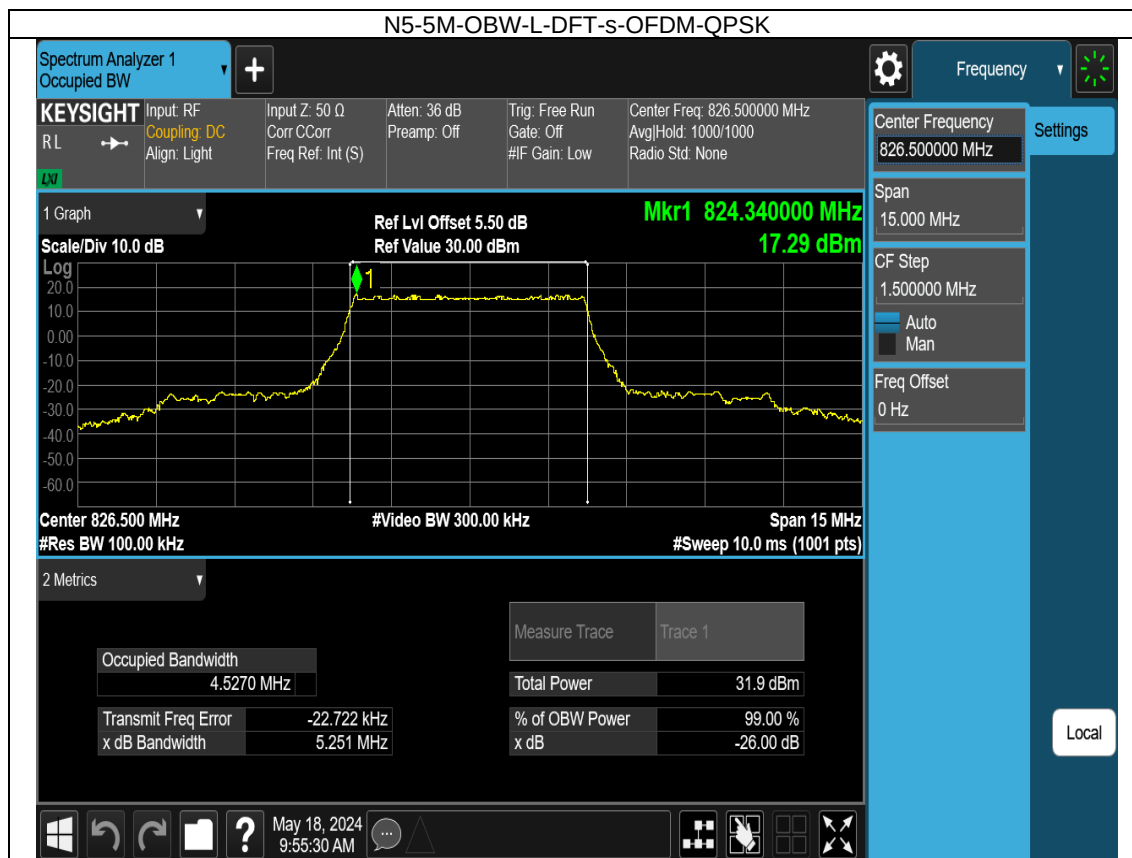
5G NR n5 SCS=15kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	8.965	9.701	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.943	9.706	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.951	9.747	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.946	9.646	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.955	9.777	/	Pass
CP-OFDM QPSK		Outer_Full	9.324	10.01	/	Pass
CP-OFDM 16QAM		Outer_Full	9.318	10.12	/	Pass
CP-OFDM 64QAM		Outer_Full	9.296	10.16	/	Pass
CP-OFDM 256QAM		Outer_Full	9.296	10.16	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	8.961	9.753	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.944	9.77	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.964	9.762	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.942	9.757	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.955	9.720	/	Pass
CP-OFDM QPSK		Outer_Full	9.317	10.11	/	Pass
CP-OFDM 16QAM		Outer_Full	9.305	10.11	/	Pass
CP-OFDM 64QAM		Outer_Full	9.294	10.04	/	Pass
CP-OFDM 256QAM		Outer_Full	9.305	10.15	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	8.964	9.612	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.945	9.74	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.969	9.77	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.948	9.784	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.953	9.71	/	Pass
CP-OFDM QPSK		Outer_Full	9.326	10.07	/	Pass
CP-OFDM 16QAM		Outer_Full	9.334	10.10	/	Pass
CP-OFDM 64QAM		Outer_Full	9.292	10.03	/	Pass
CP-OFDM 256QAM		Outer_Full	9.291	10.11	/	Pass

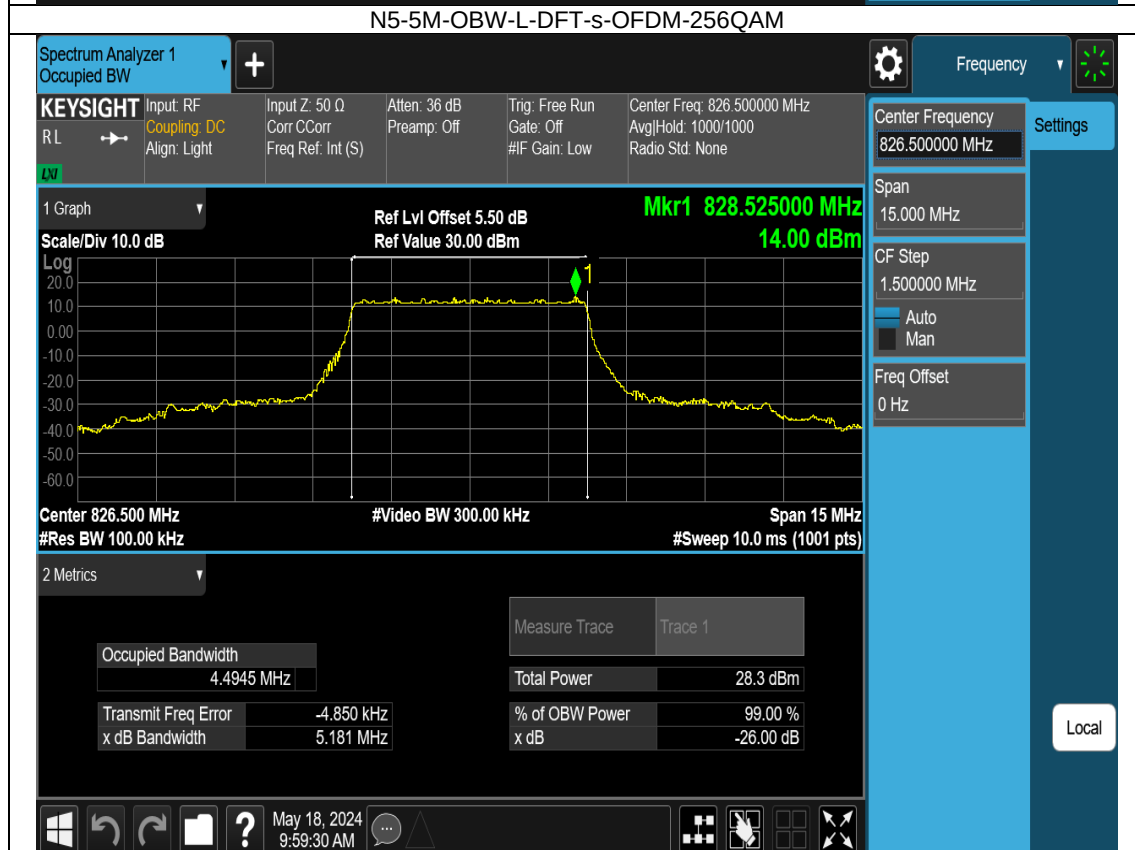
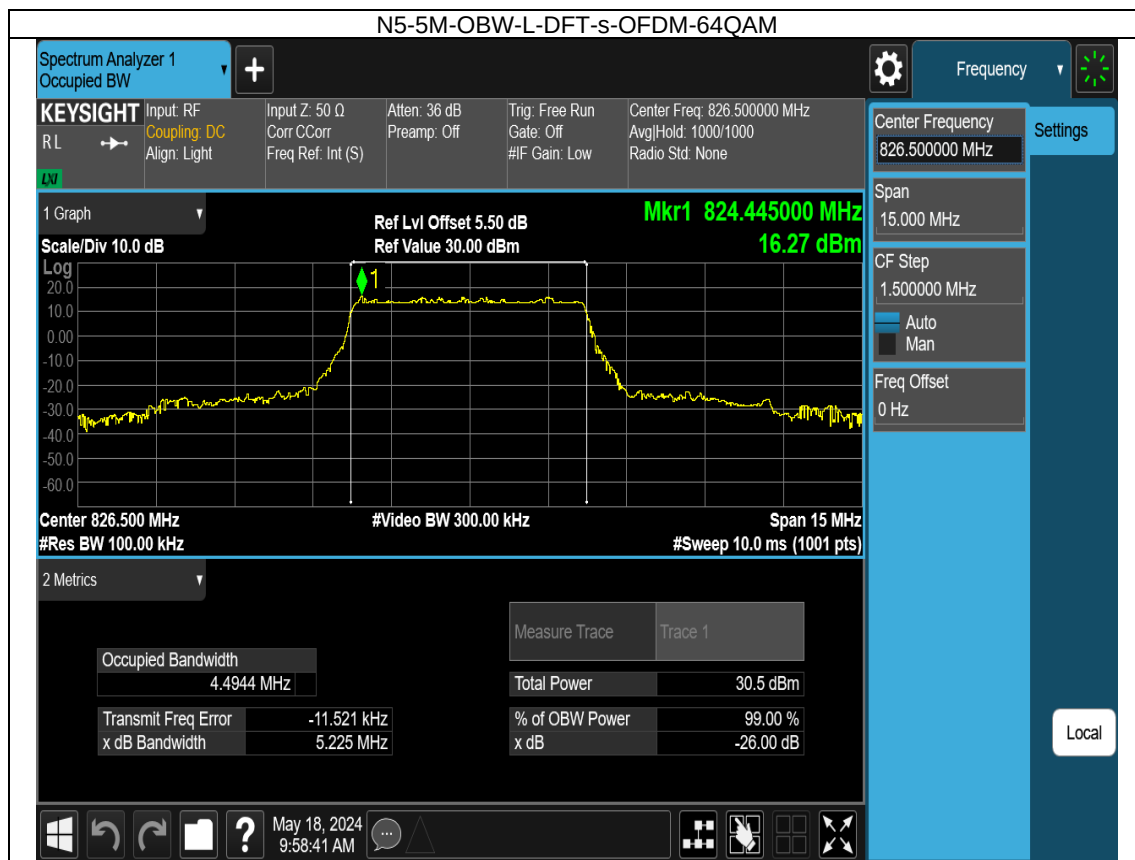
5G NR n5 SCS=15kHz 15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	13.432	14.57	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.462	14.54	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.475	14.59	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.449	14.45	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.462	14.43	/	Pass
CP-OFDM QPSK		Outer_Full	14.132	15.15	/	Pass
CP-OFDM 16QAM		Outer_Full	14.173	15.23	/	Pass
CP-OFDM 64QAM		Outer_Full	14.170	15.24	/	Pass
CP-OFDM 256QAM		Outer_Full	14.158	15.23	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	13.417	14.47	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.437	14.49	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.481	14.67	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.446	14.48	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.46	14.48	/	Pass
CP-OFDM QPSK		Outer_Full	14.116	15.18	/	Pass
CP-OFDM 16QAM		Outer_Full	14.095	15.11	/	Pass
CP-OFDM 64QAM		Outer_Full	14.158	15.21	/	Pass
CP-OFDM 256QAM		Outer_Full	14.146	15.32	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	13.415	14.46	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.439	14.51	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.459	14.58	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.453	14.43	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.454	14.51	/	Pass
CP-OFDM QPSK		Outer_Full	14.148	15.29	/	Pass
CP-OFDM 16QAM		Outer_Full	14.113	15.22	/	Pass
CP-OFDM 64QAM		Outer_Full	14.175	15.34	/	Pass
CP-OFDM 256QAM		Outer_Full	14.152	15.24	/	Pass

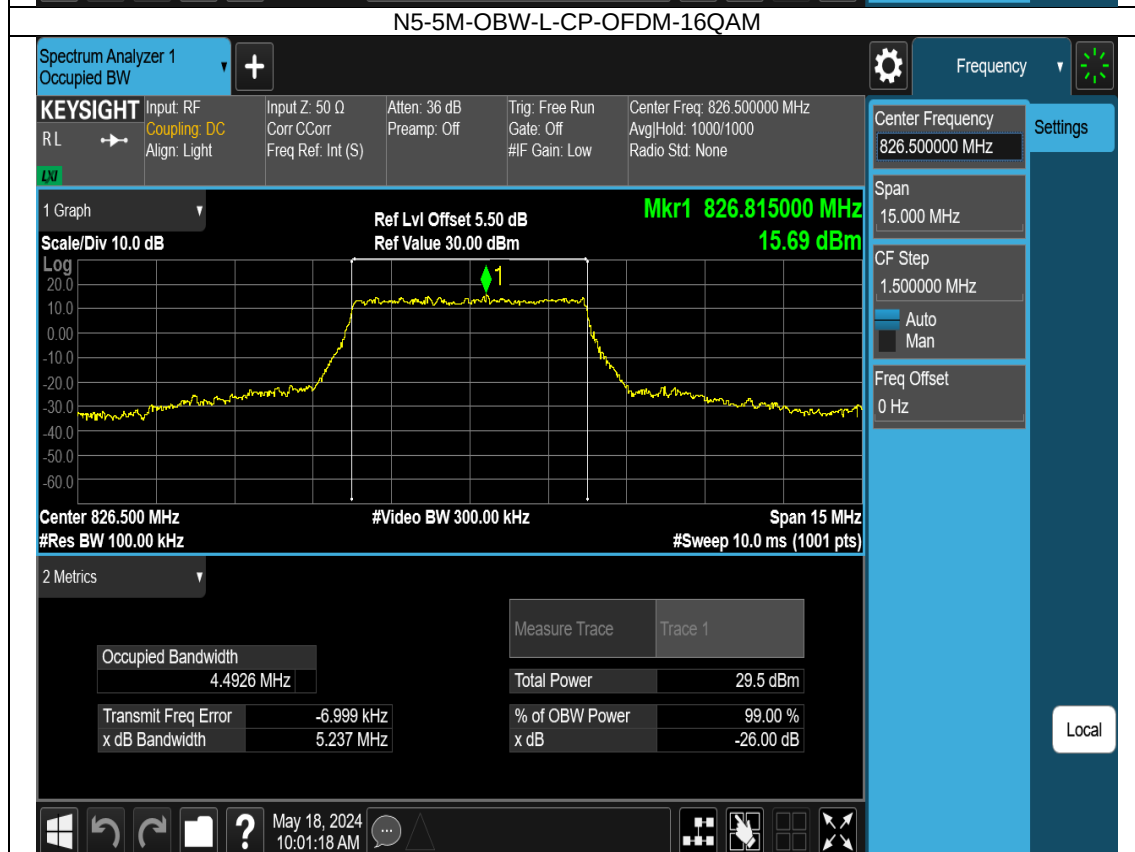
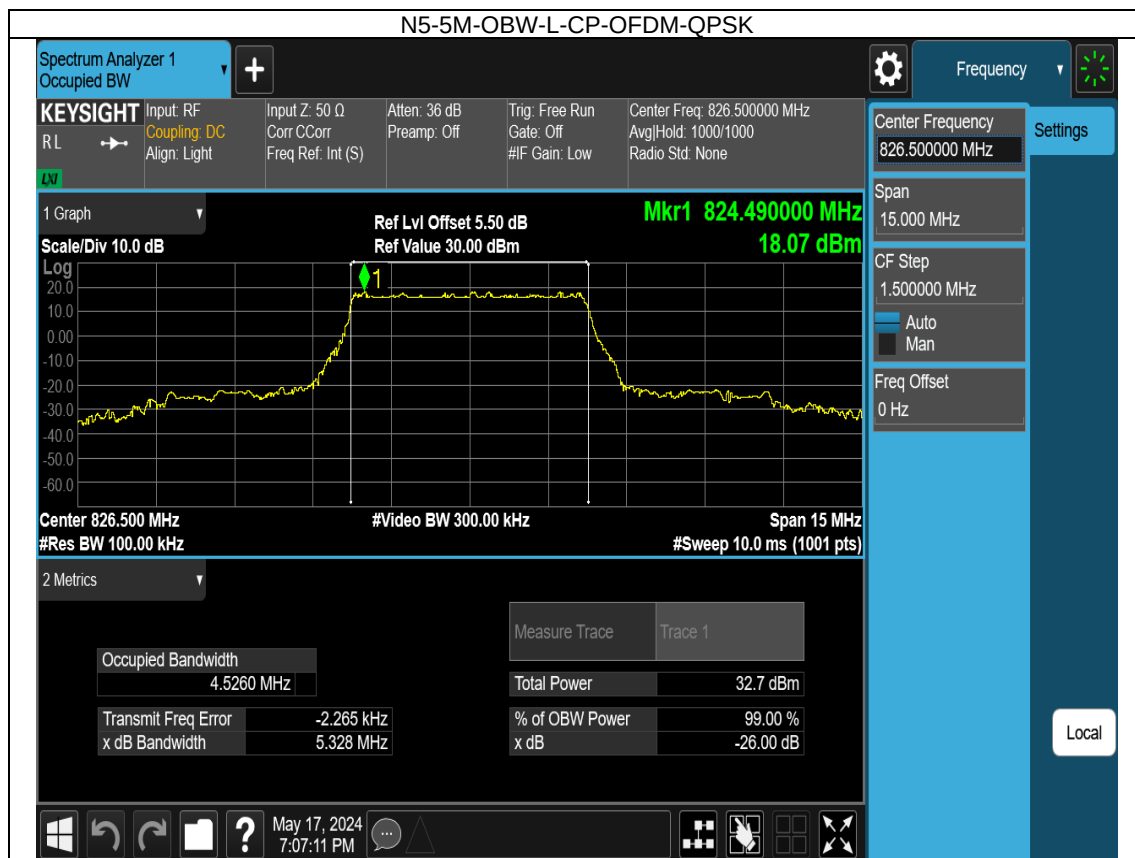
5G NR n5 SCS=15kHz 20MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	17.914	19.04	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.887	19.07	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.894	19.11	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.865	19.03	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.892	19.01	/	Pass
CP-OFDM QPSK		Outer_Full	18.873	19.99	/	Pass
CP-OFDM 16QAM		Outer_Full	18.899	20.17	/	Pass
CP-OFDM 64QAM		Outer_Full	18.943	19.94	/	Pass
CP-OFDM 256QAM		Outer_Full	18.889	20.03	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	17.869	18.96	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.853	18.91	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.889	19.03	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.866	18.94	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.866	19.06	/	Pass
CP-OFDM QPSK		Outer_Full	18.853	20.02	/	Pass
CP-OFDM 16QAM		Outer_Full	18.899	20.10	/	Pass
CP-OFDM 64QAM		Outer_Full	18.881	20.00	/	Pass
CP-OFDM 256QAM		Outer_Full	18.891	19.99	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	17.923	19.09	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.875	19.03	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.891	18.98	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.863	19.00	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.888	18.96	/	Pass
CP-OFDM QPSK		Outer_Full	18.873	19.96	/	Pass
CP-OFDM 16QAM		Outer_Full	18.909	20.08	/	Pass
CP-OFDM 64QAM		Outer_Full	18.891	19.97	/	Pass
CP-OFDM 256QAM		Outer_Full	18.897	20.09	/	Pass

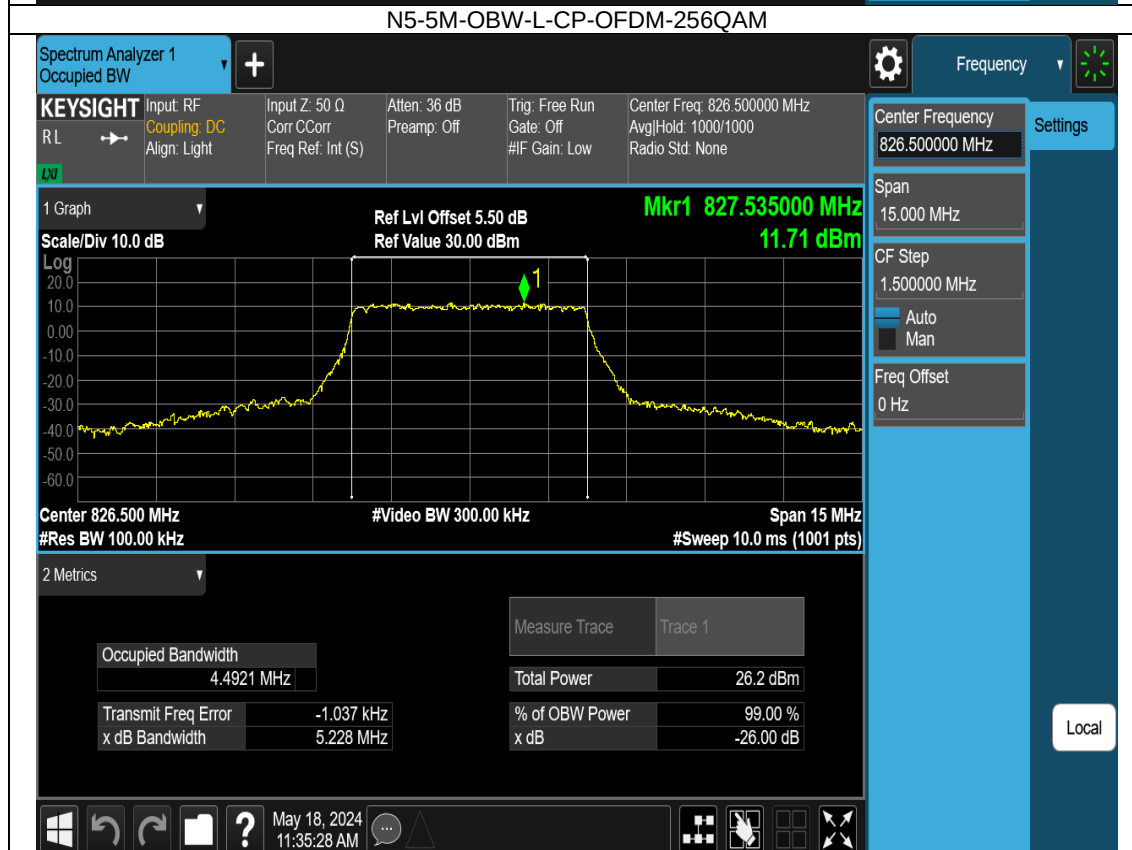
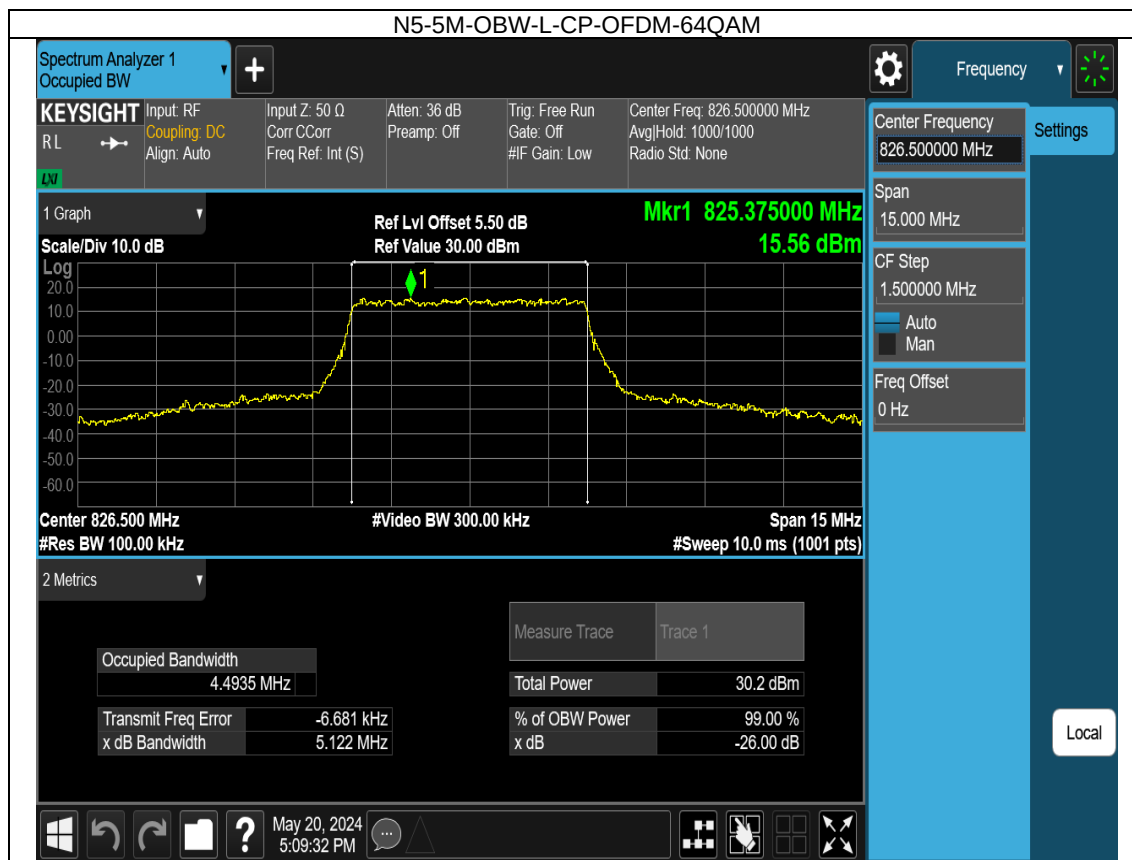
Test graph

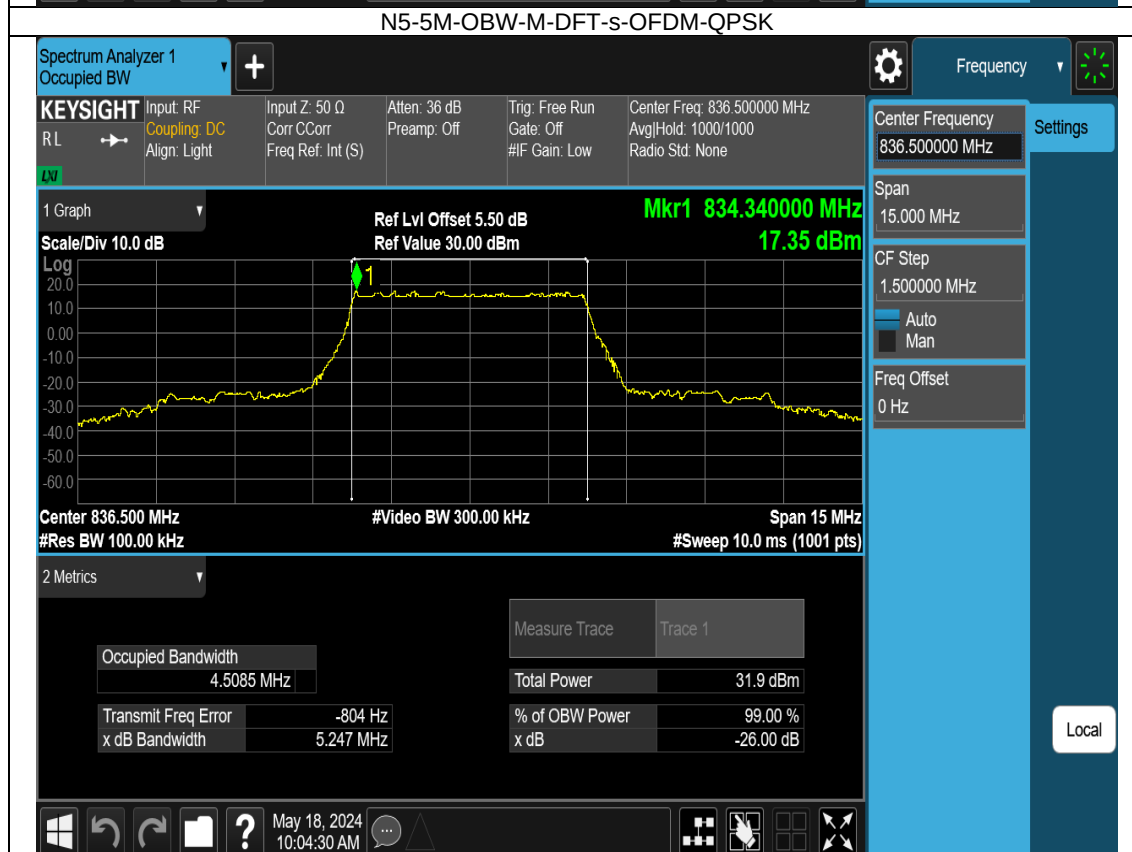
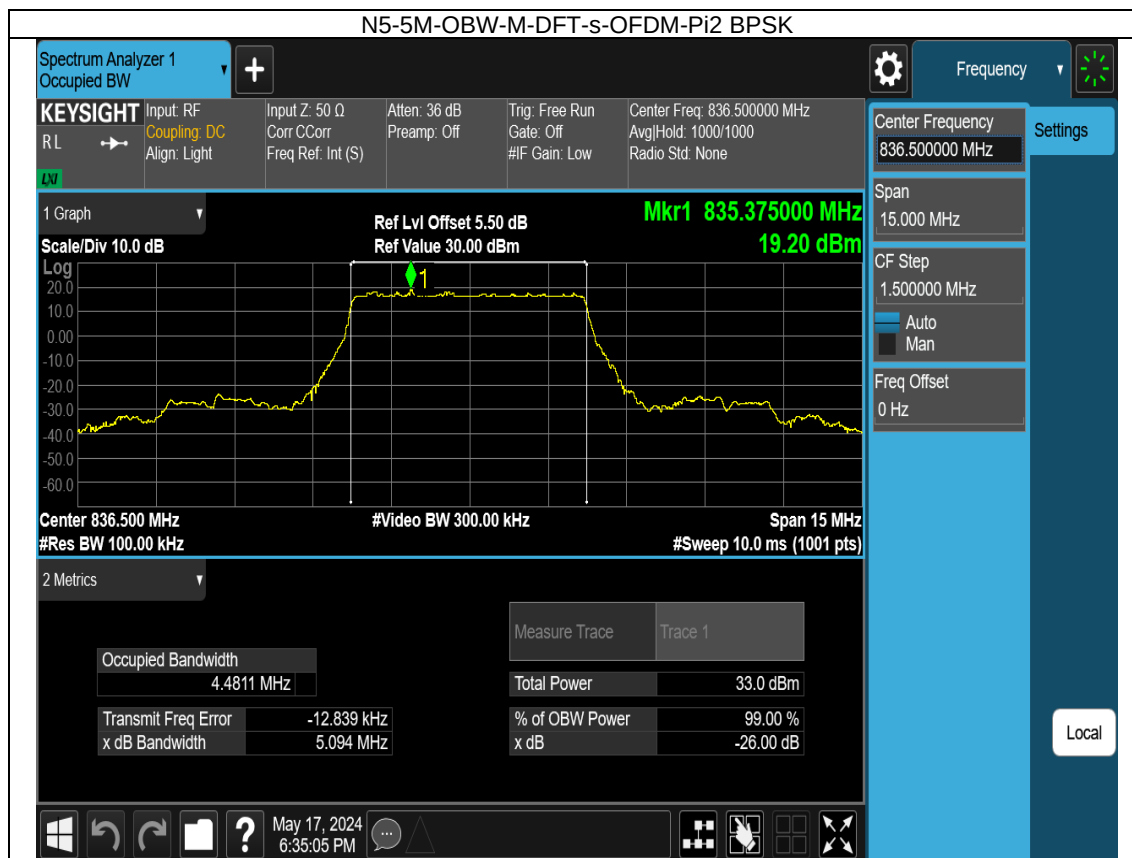


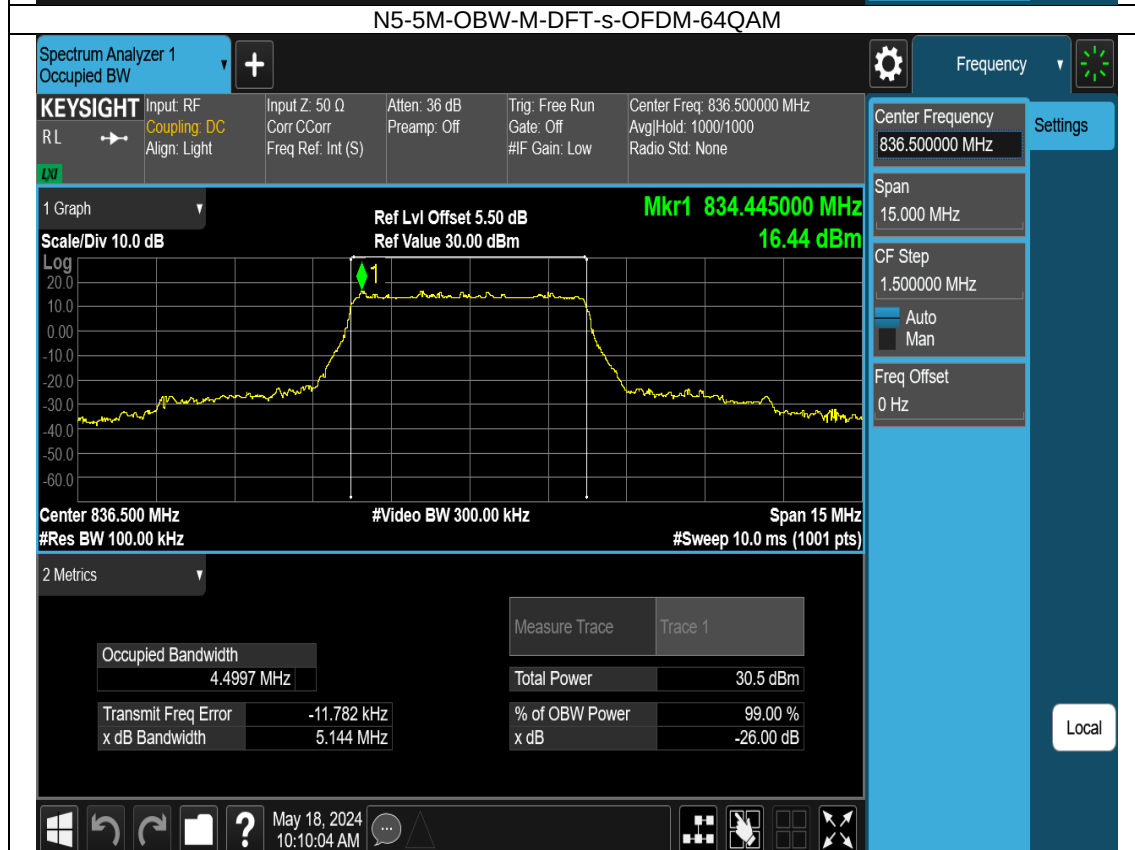
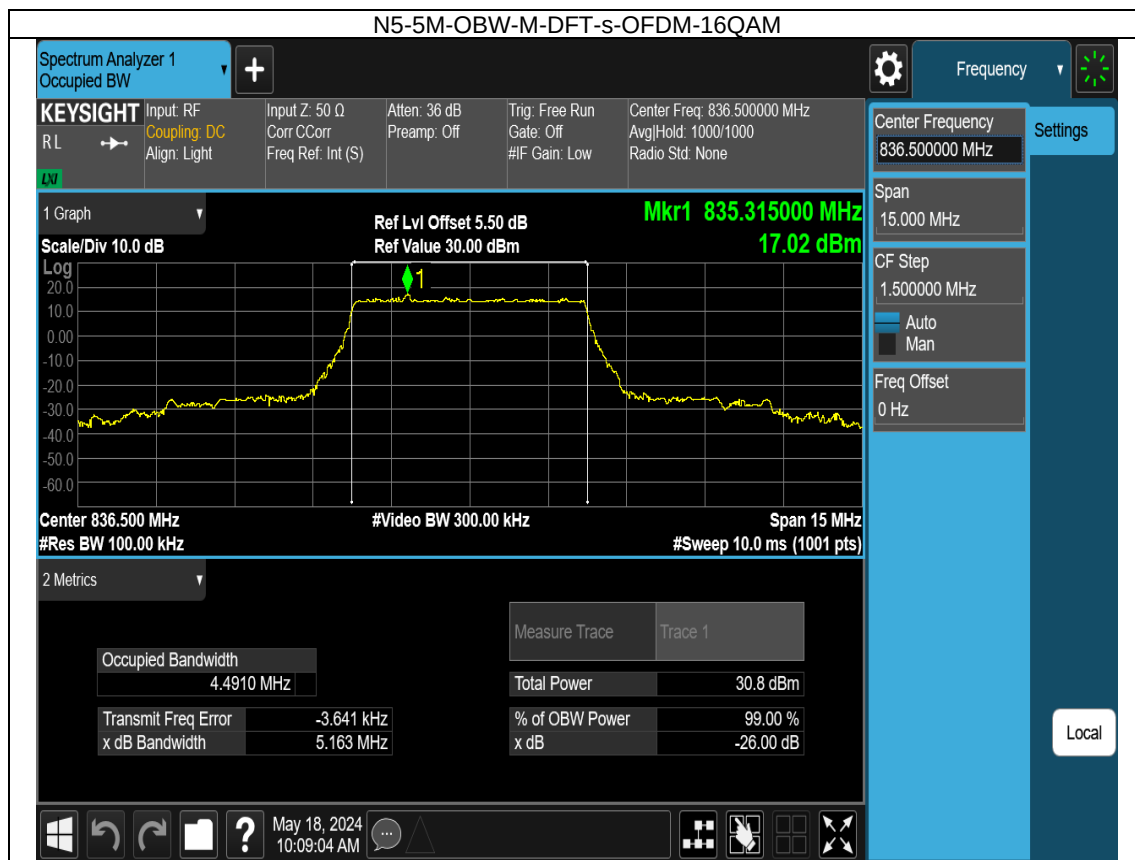




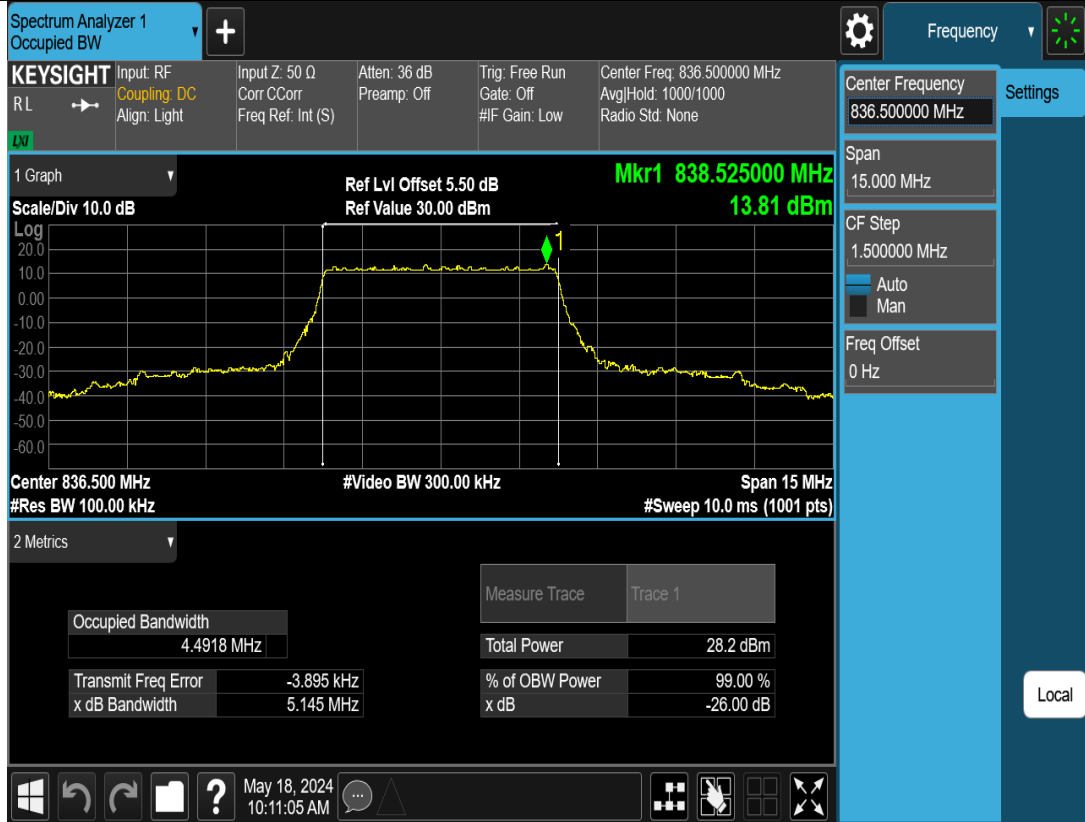




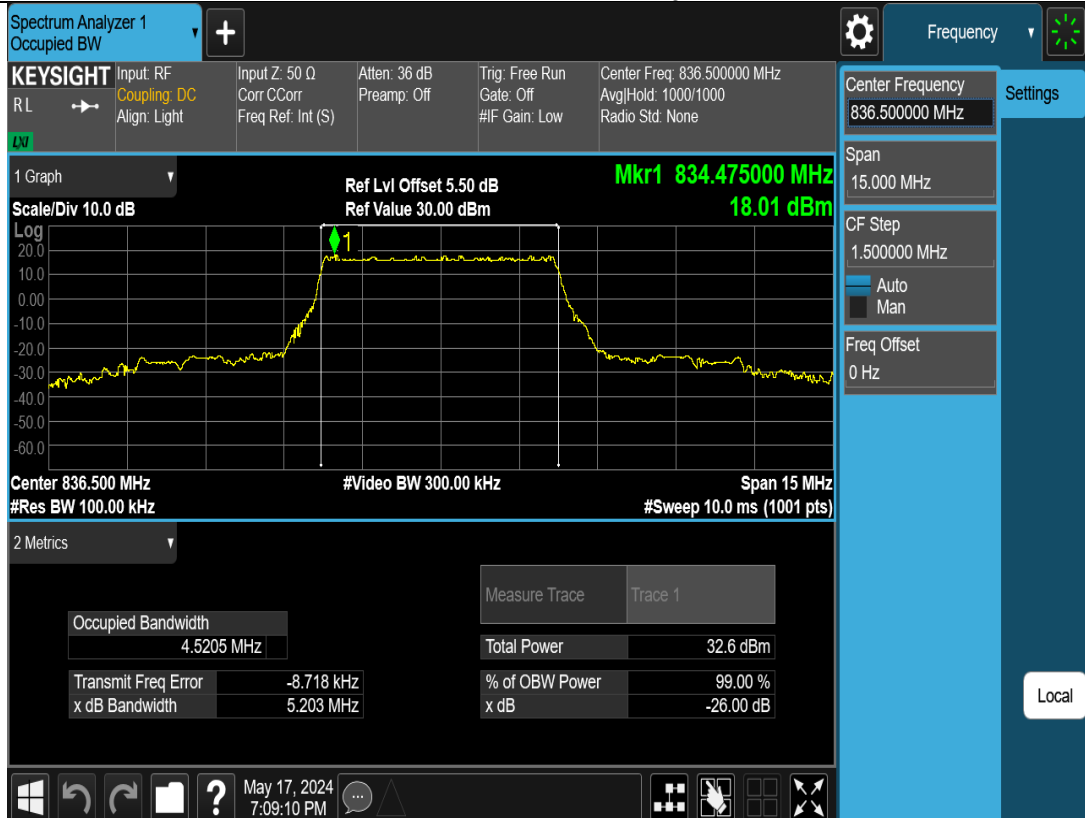


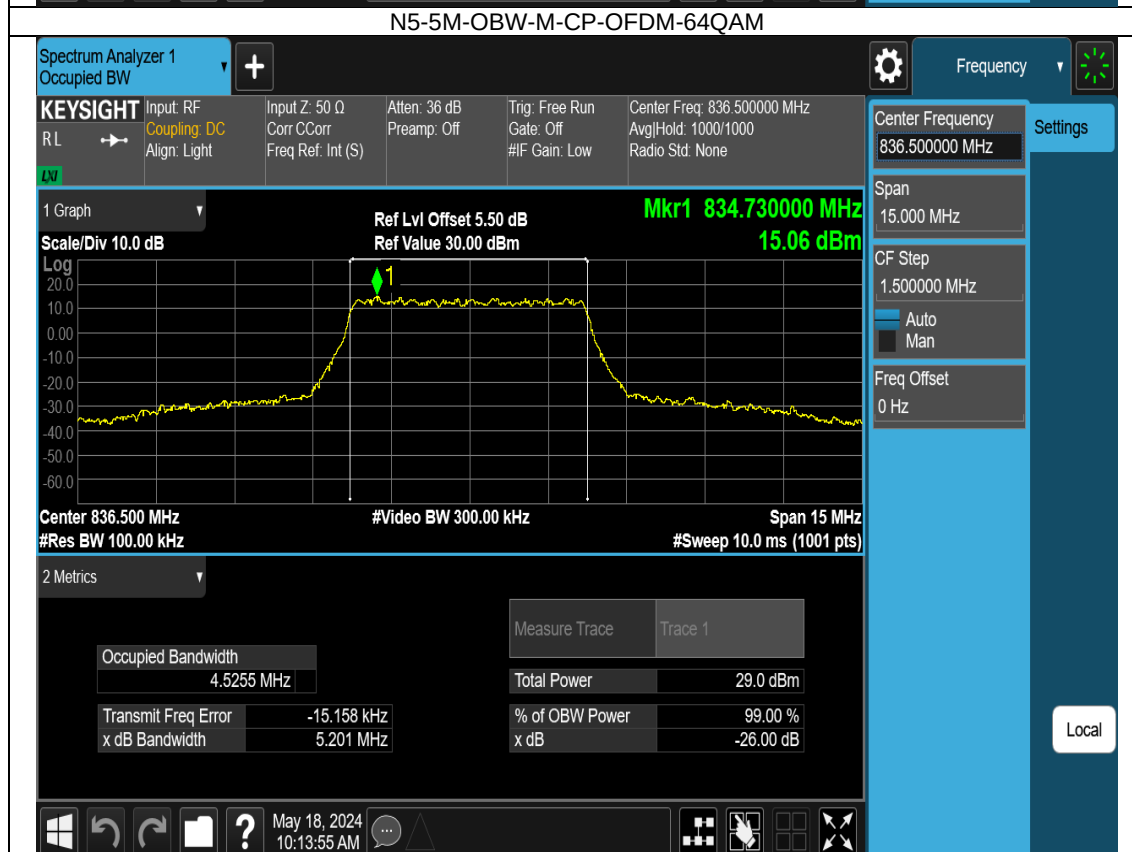
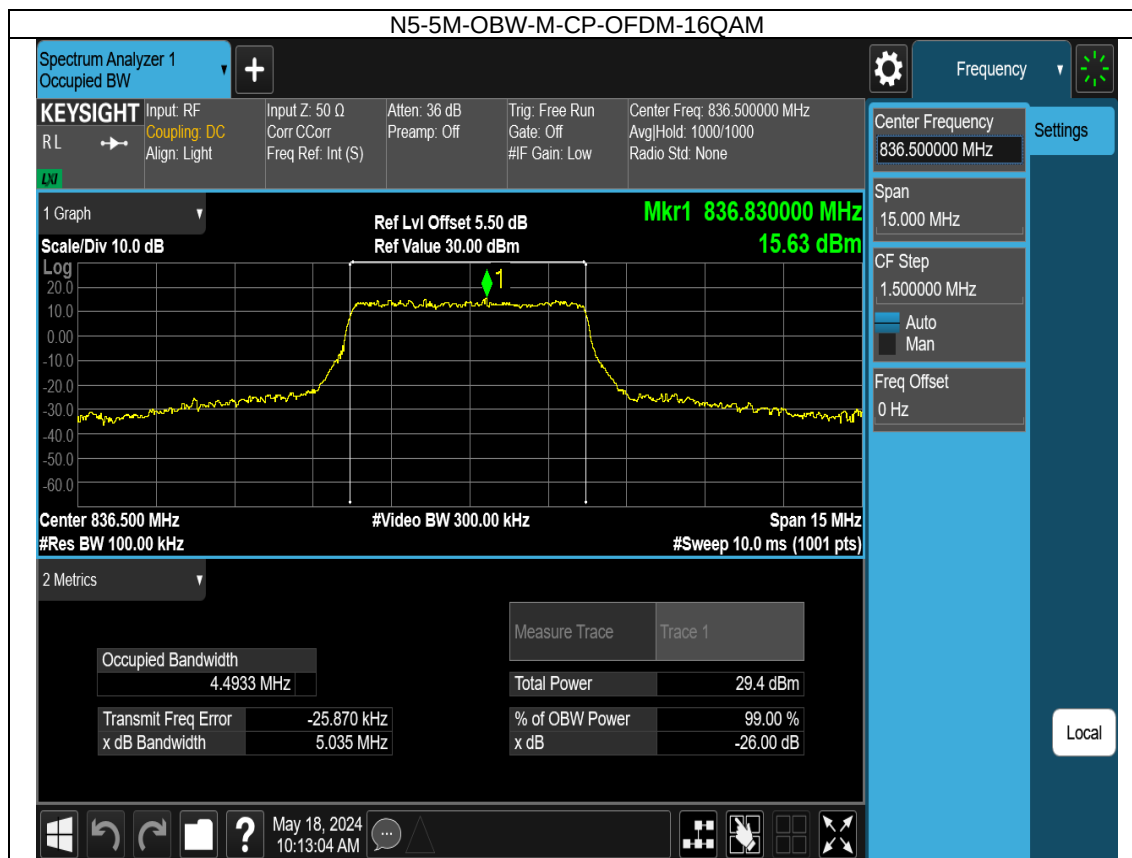


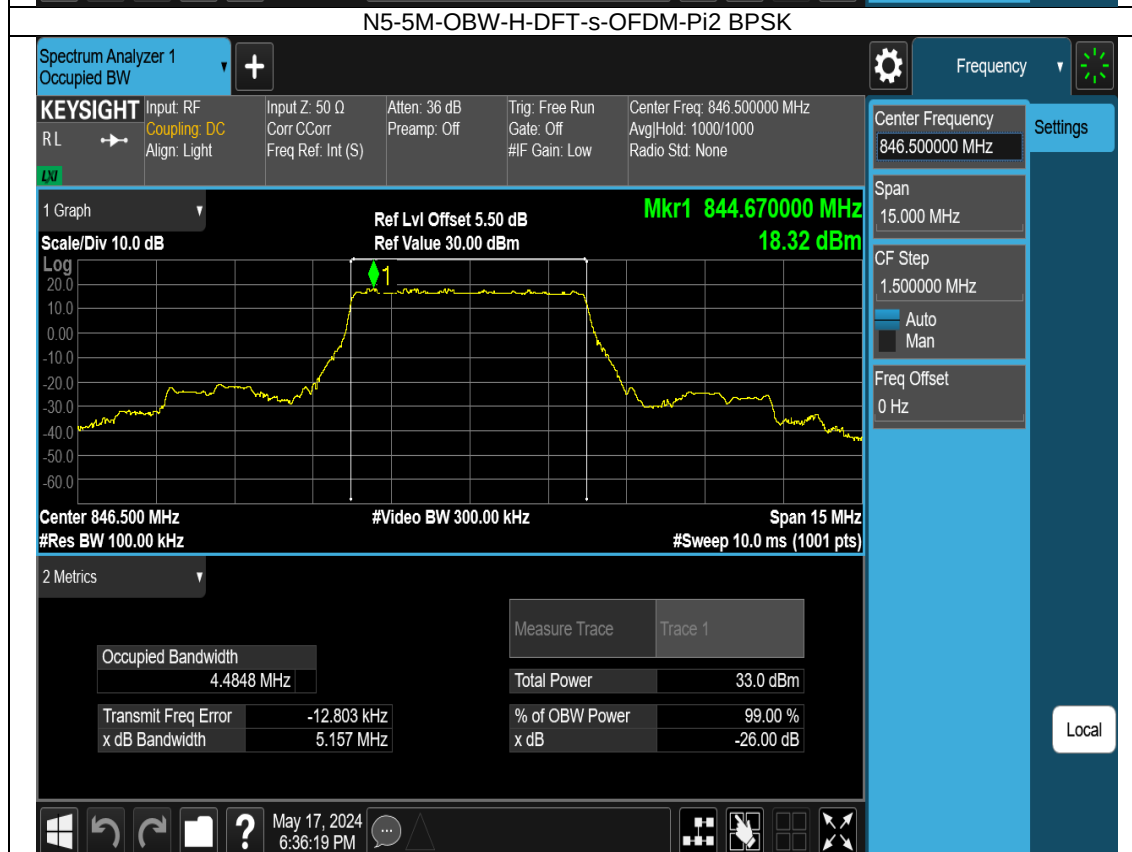
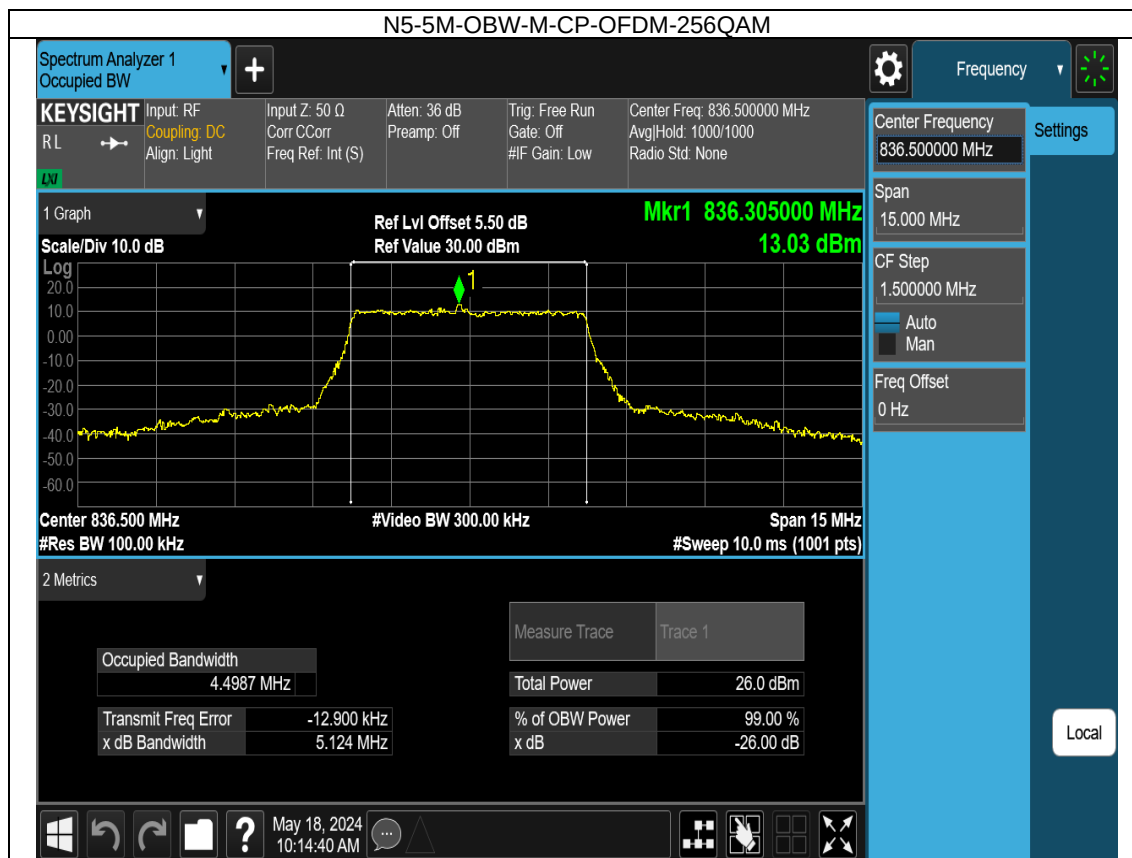
N5-5M-OBW-M-DFT-s-OFDM-256QAM

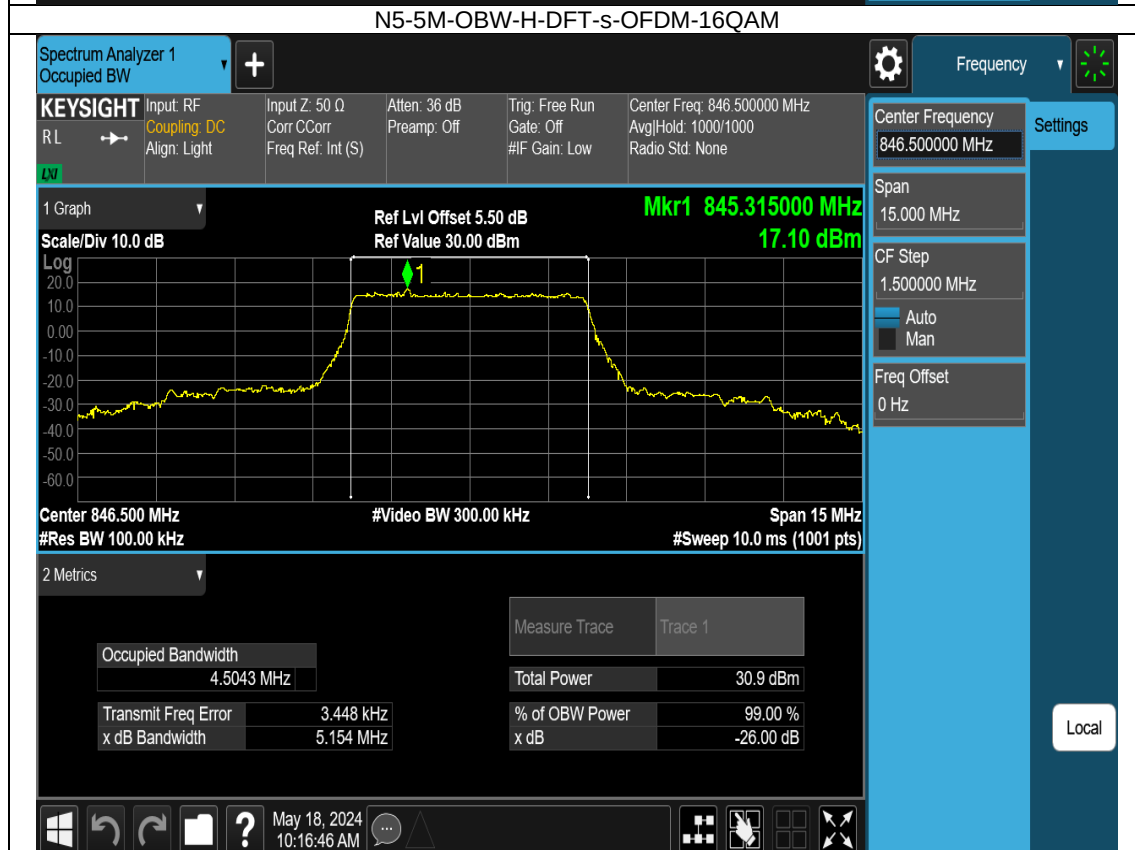
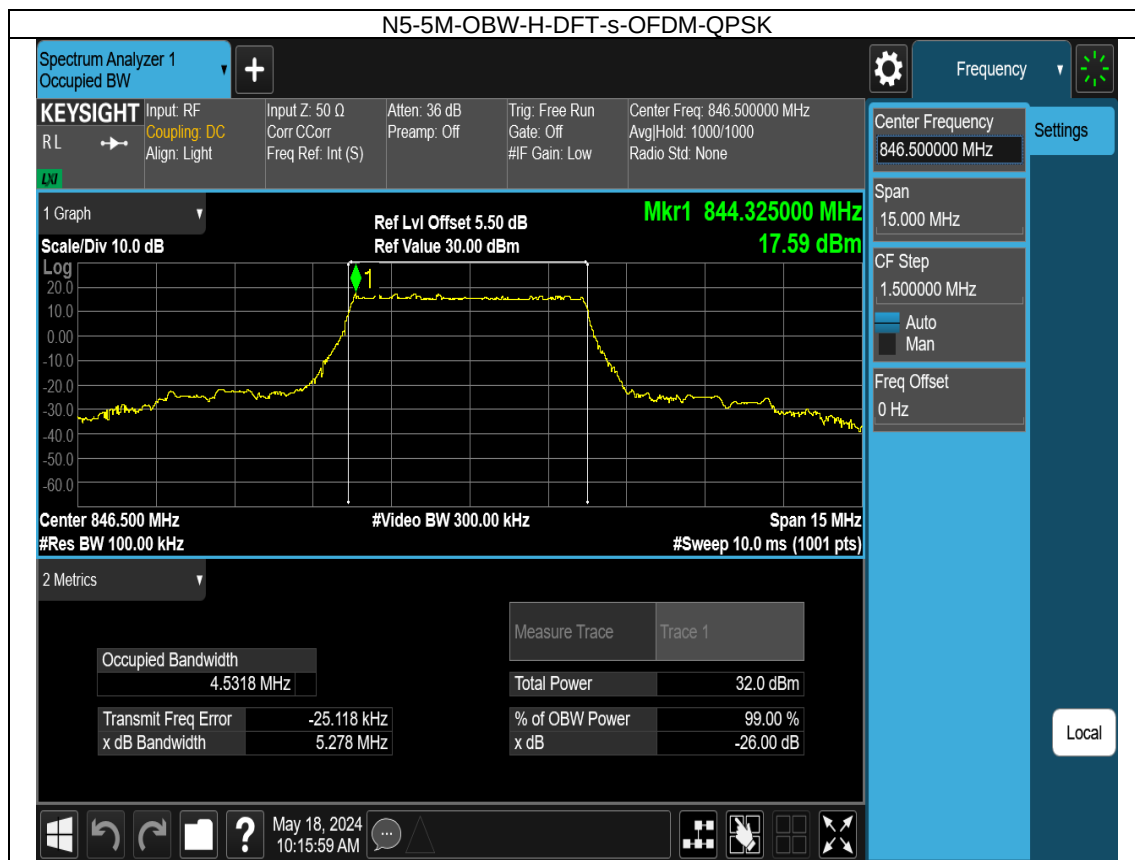


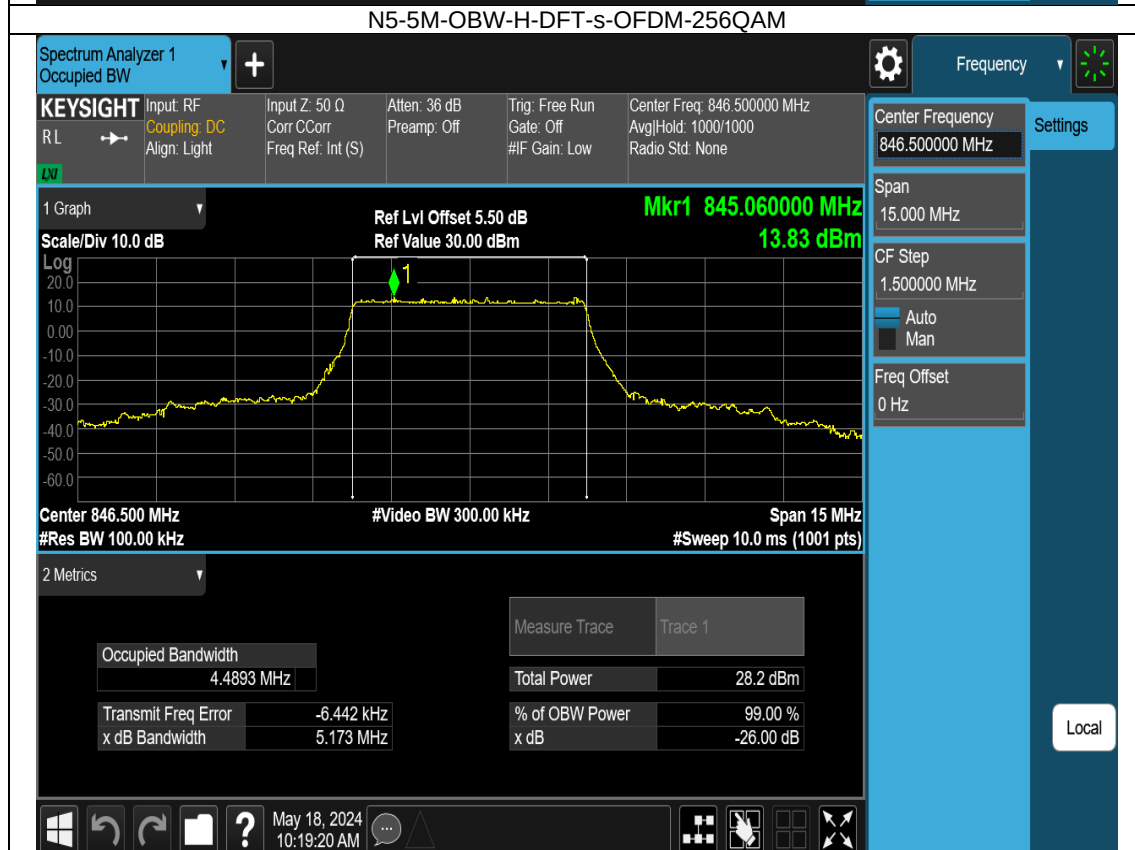
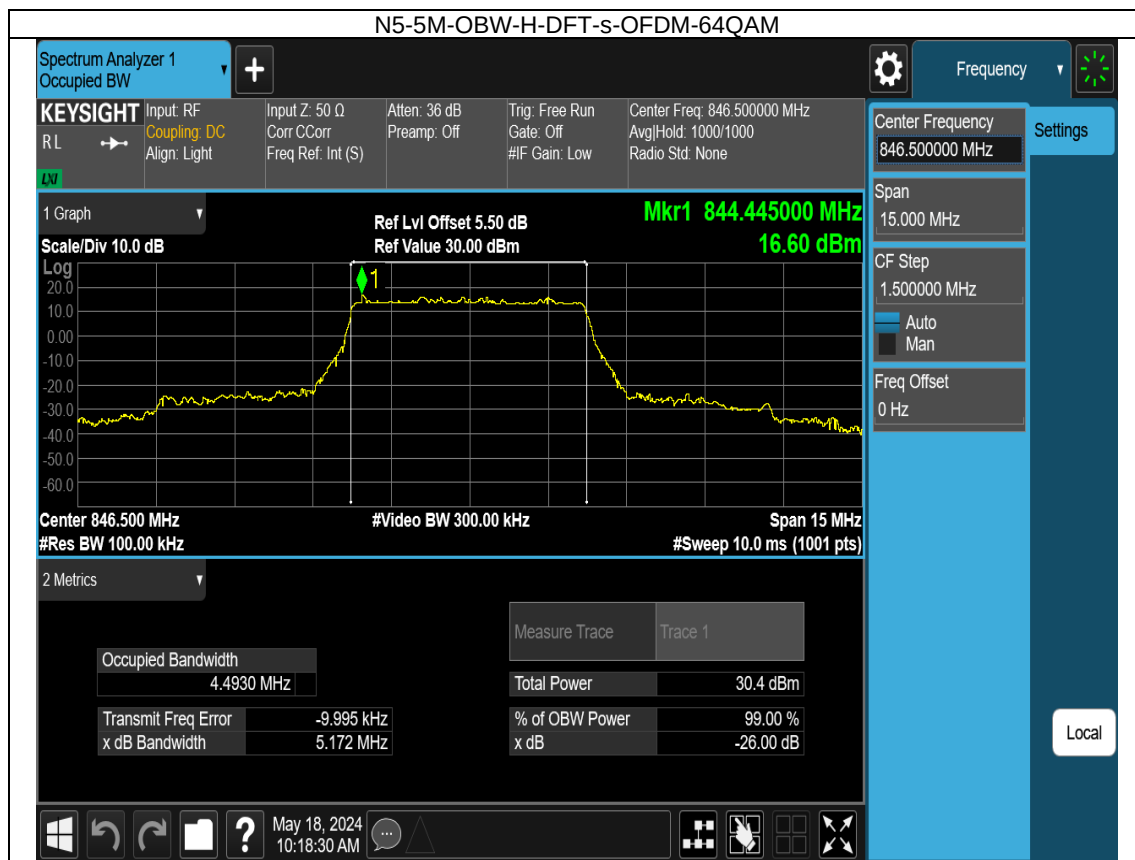
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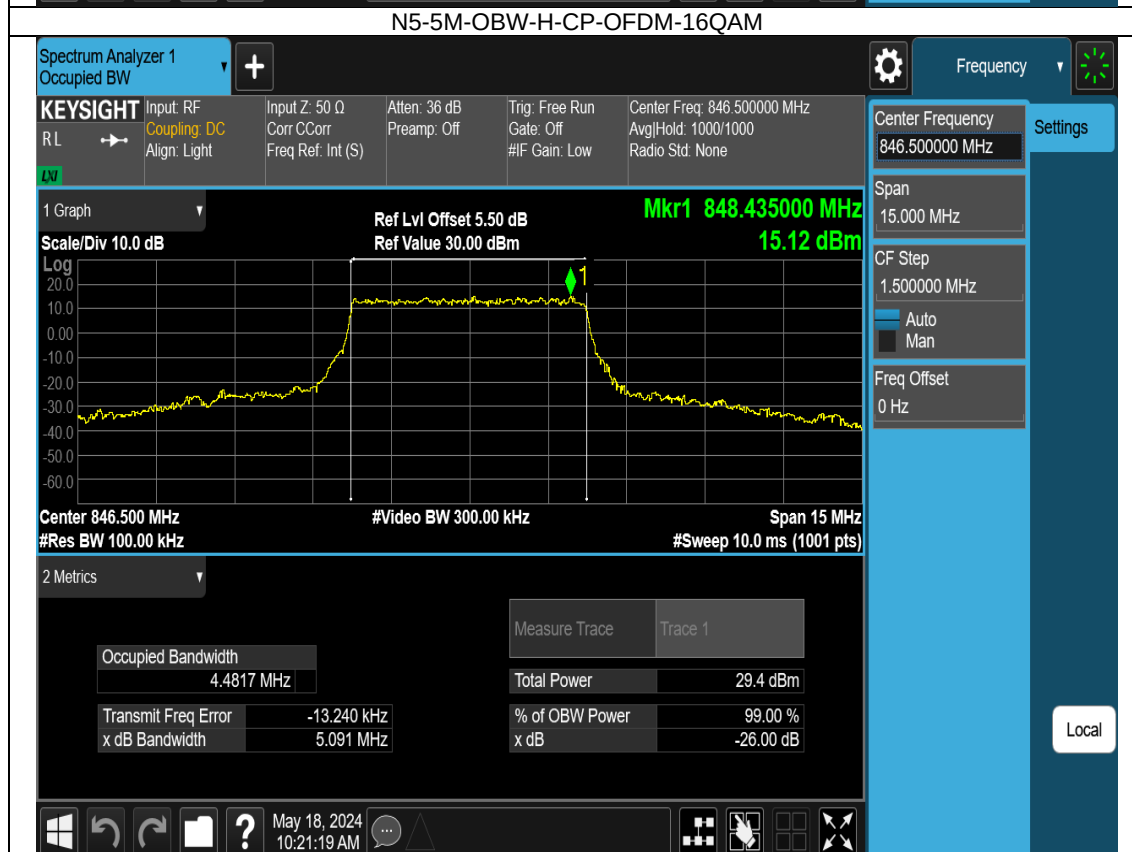
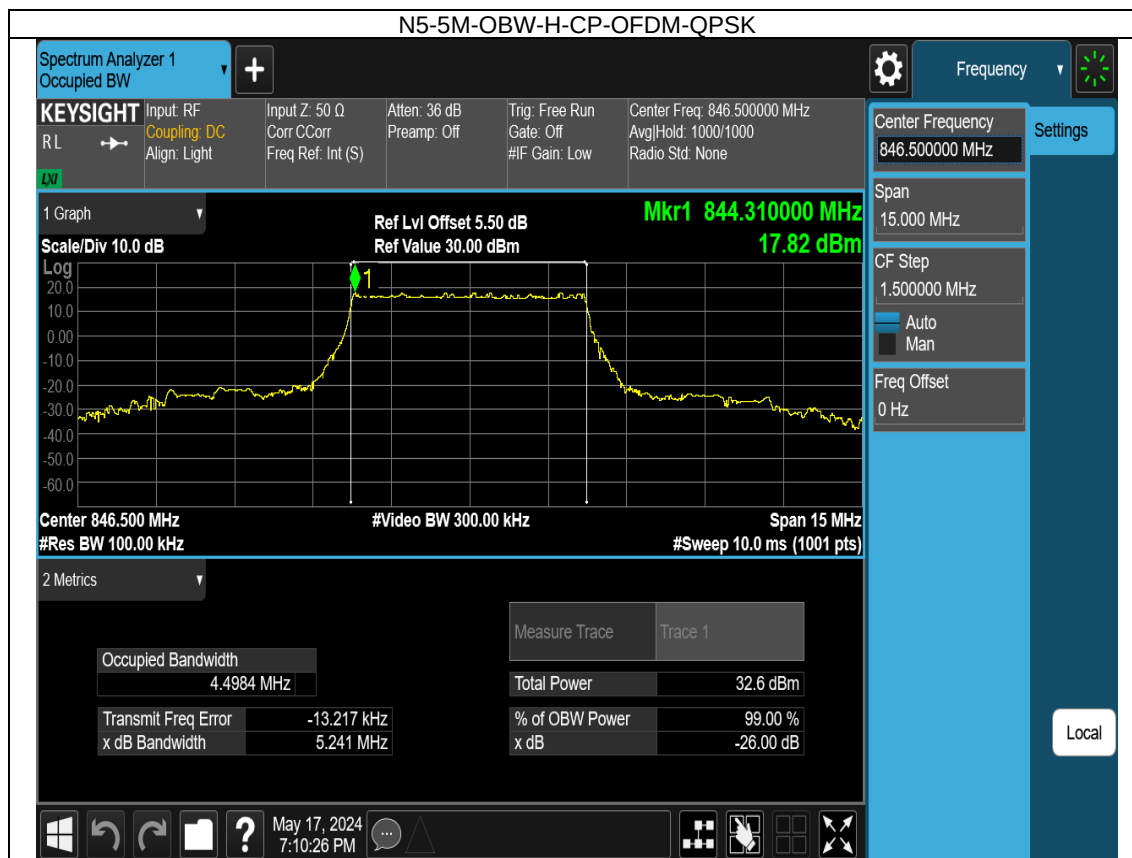


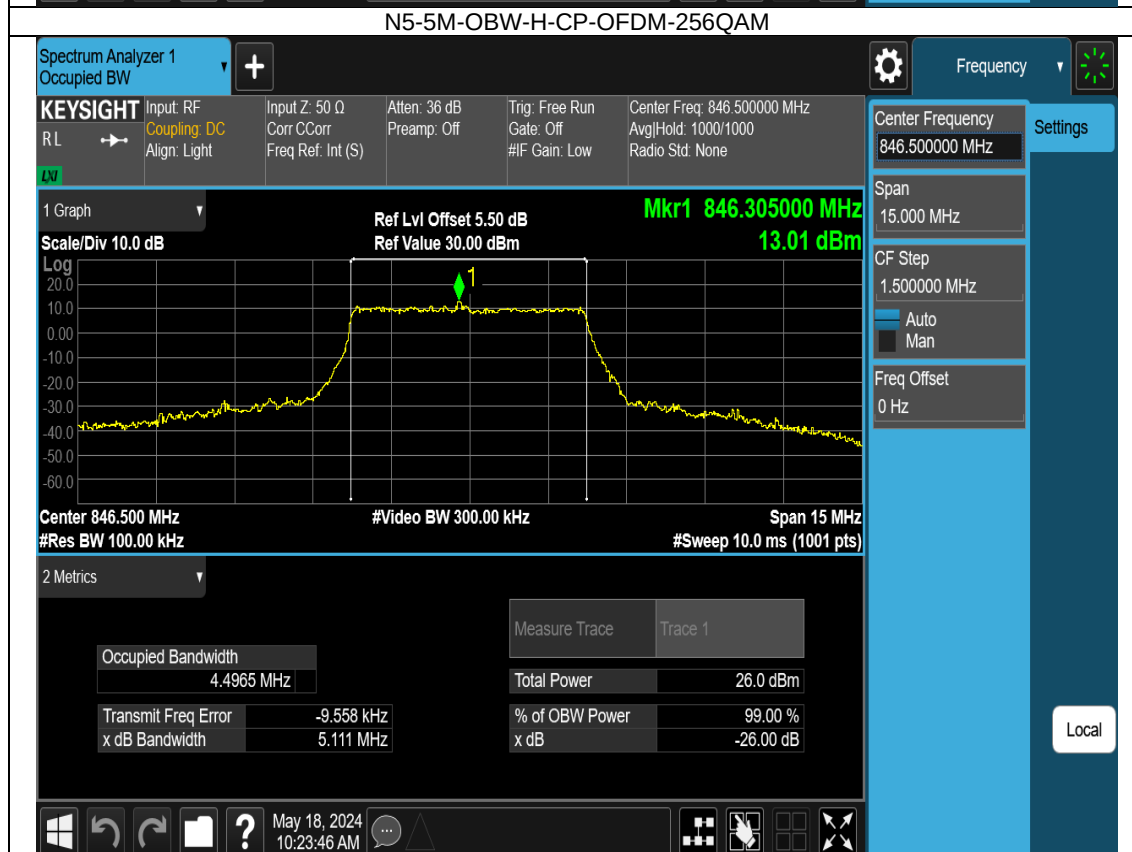
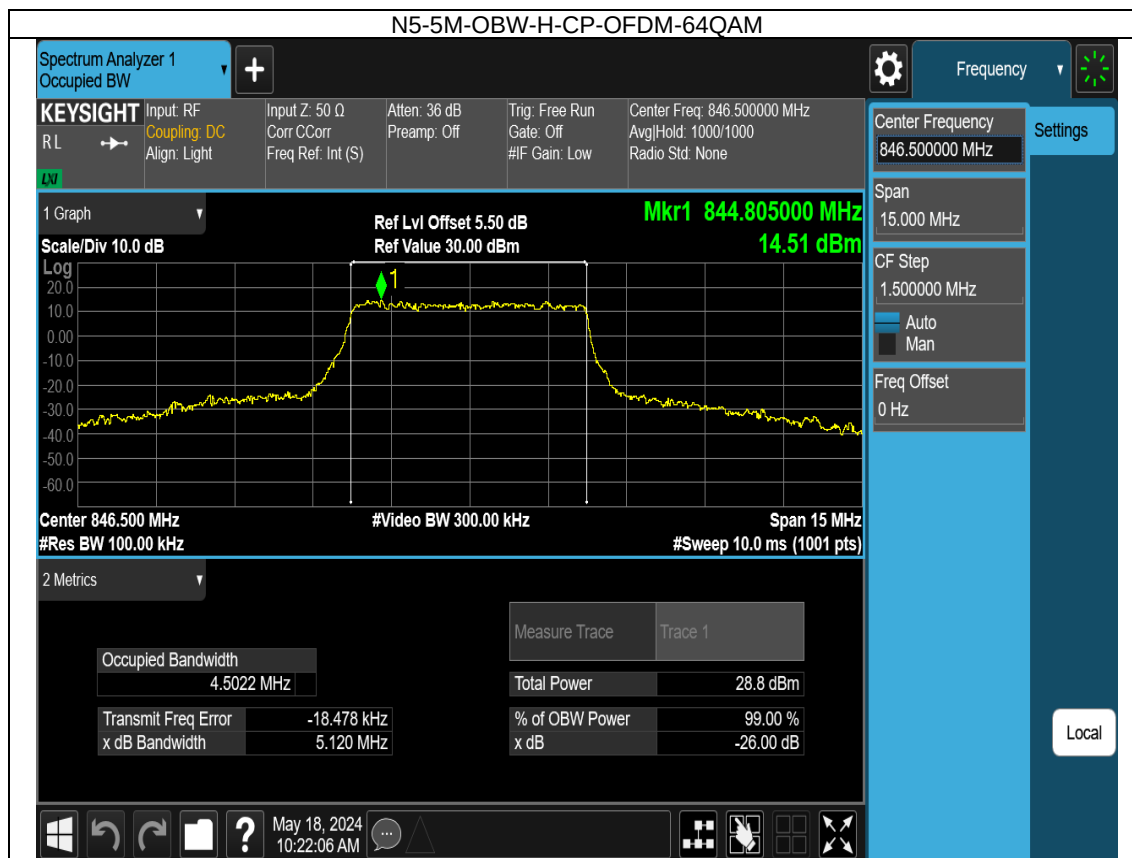


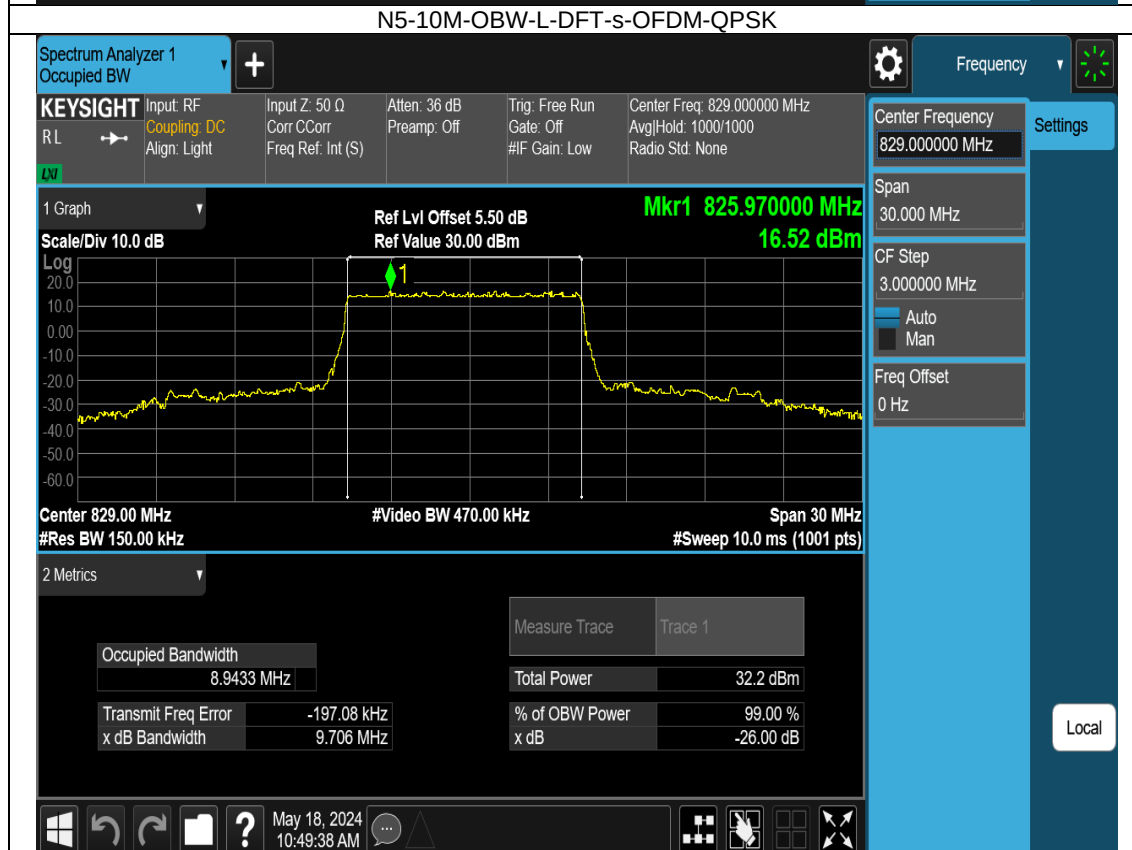
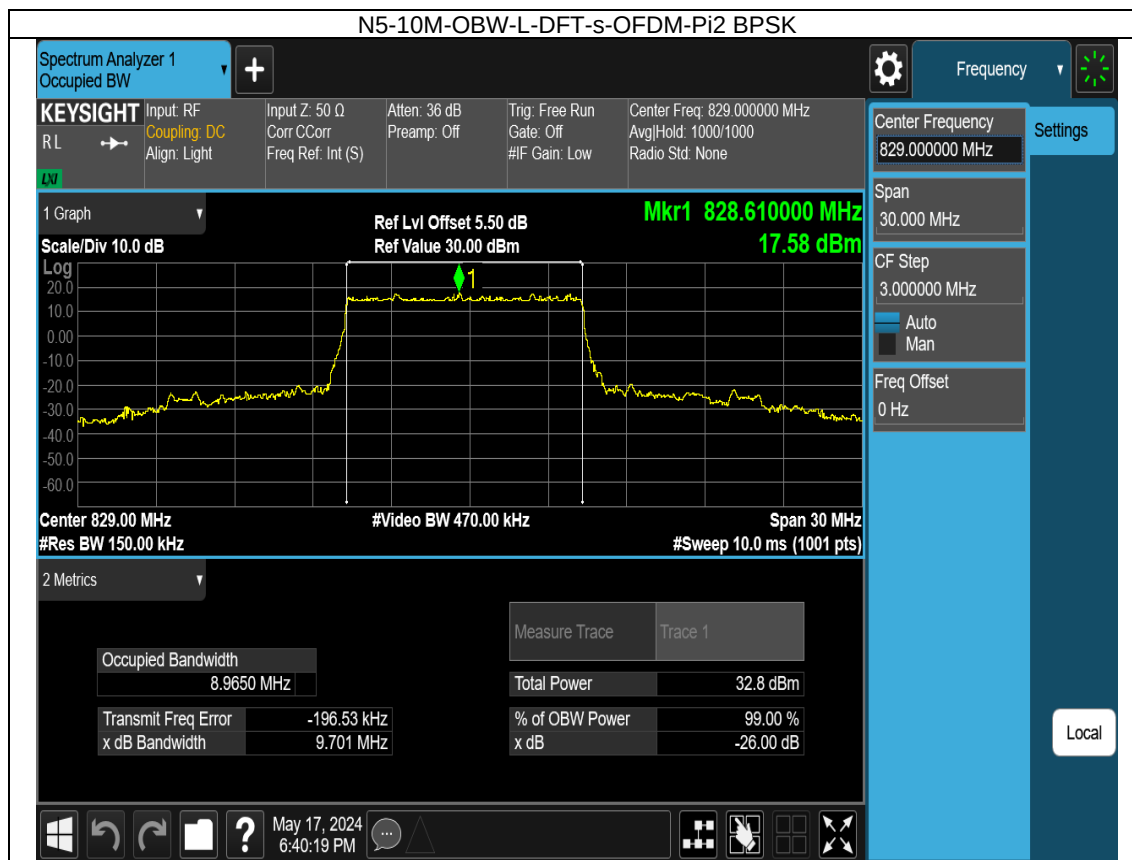




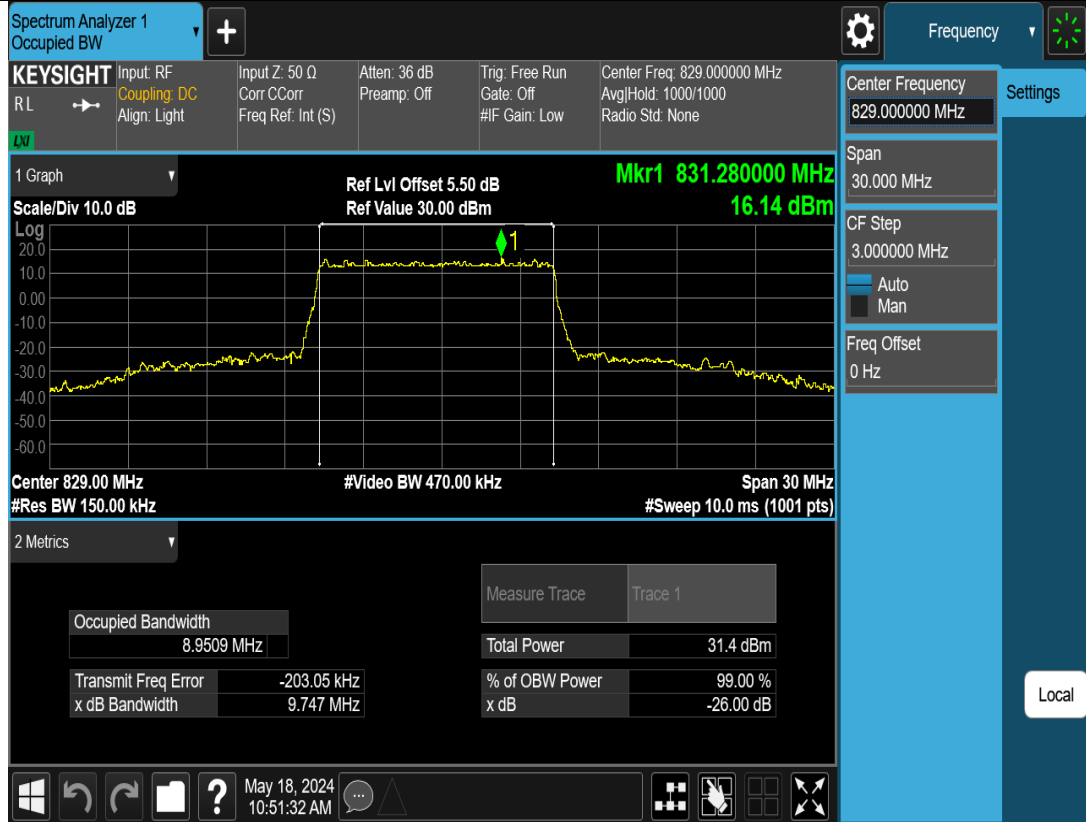




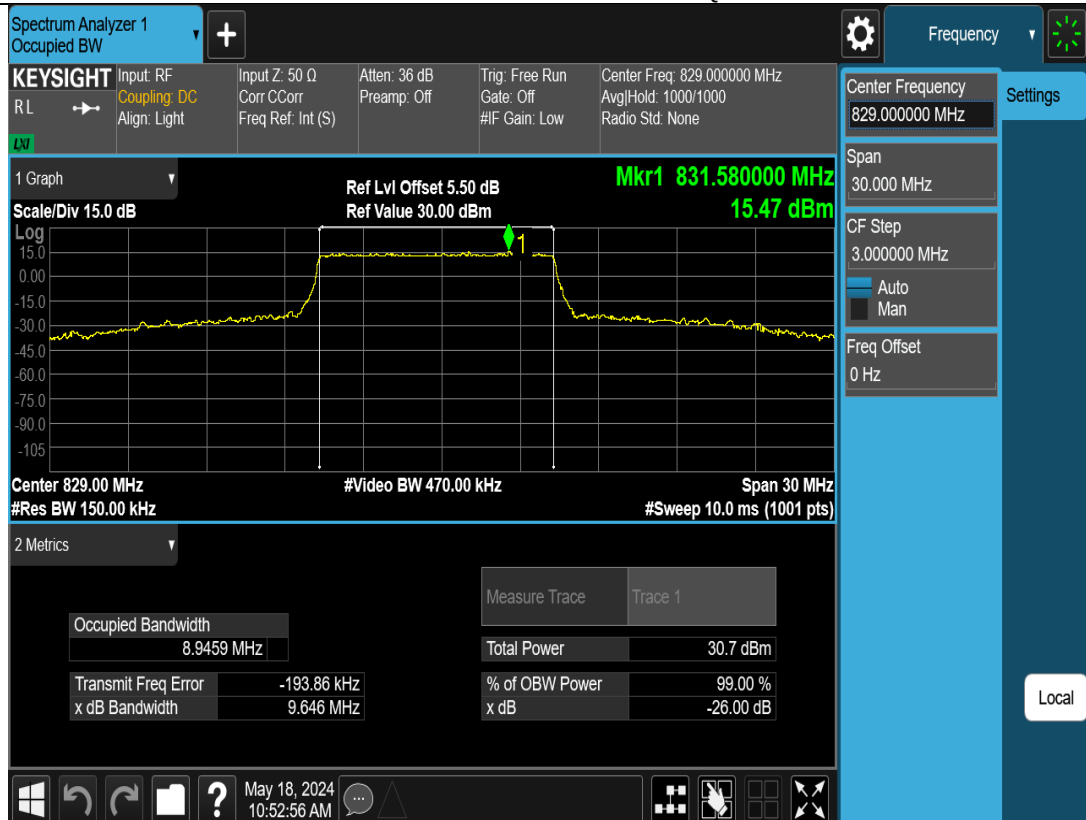


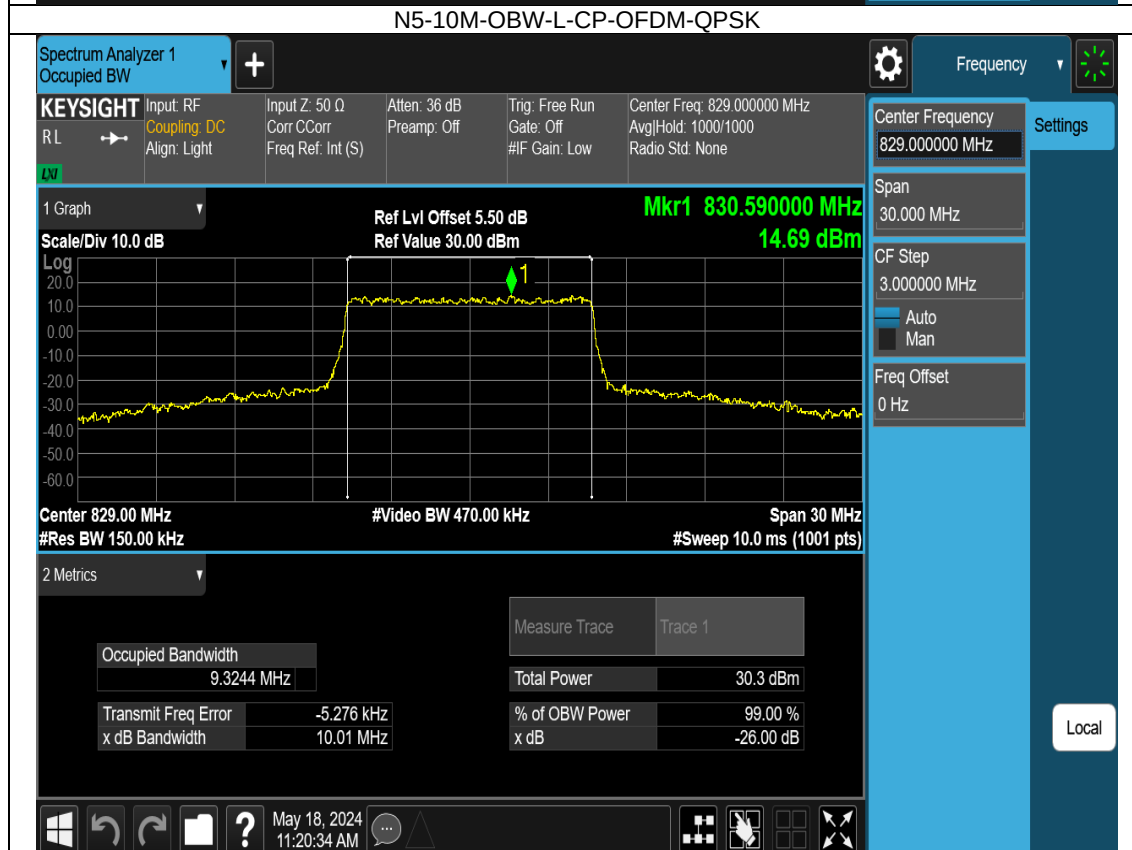
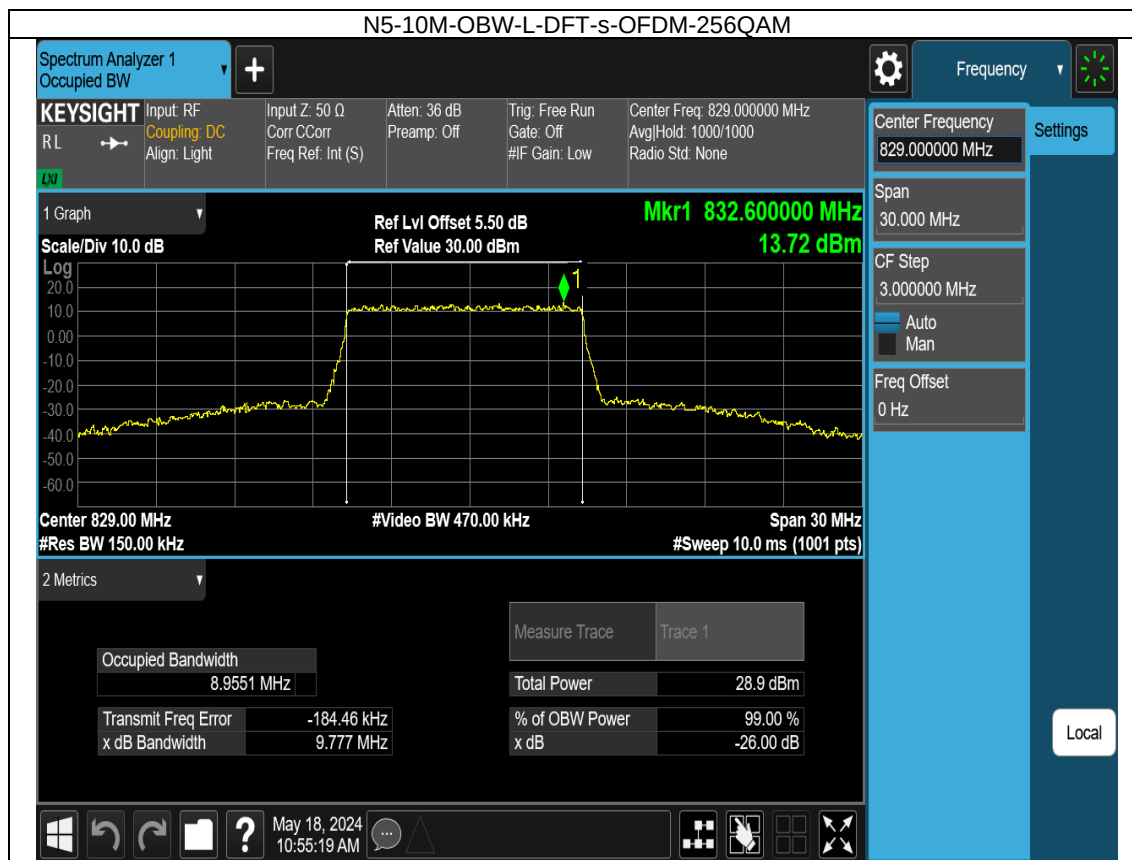


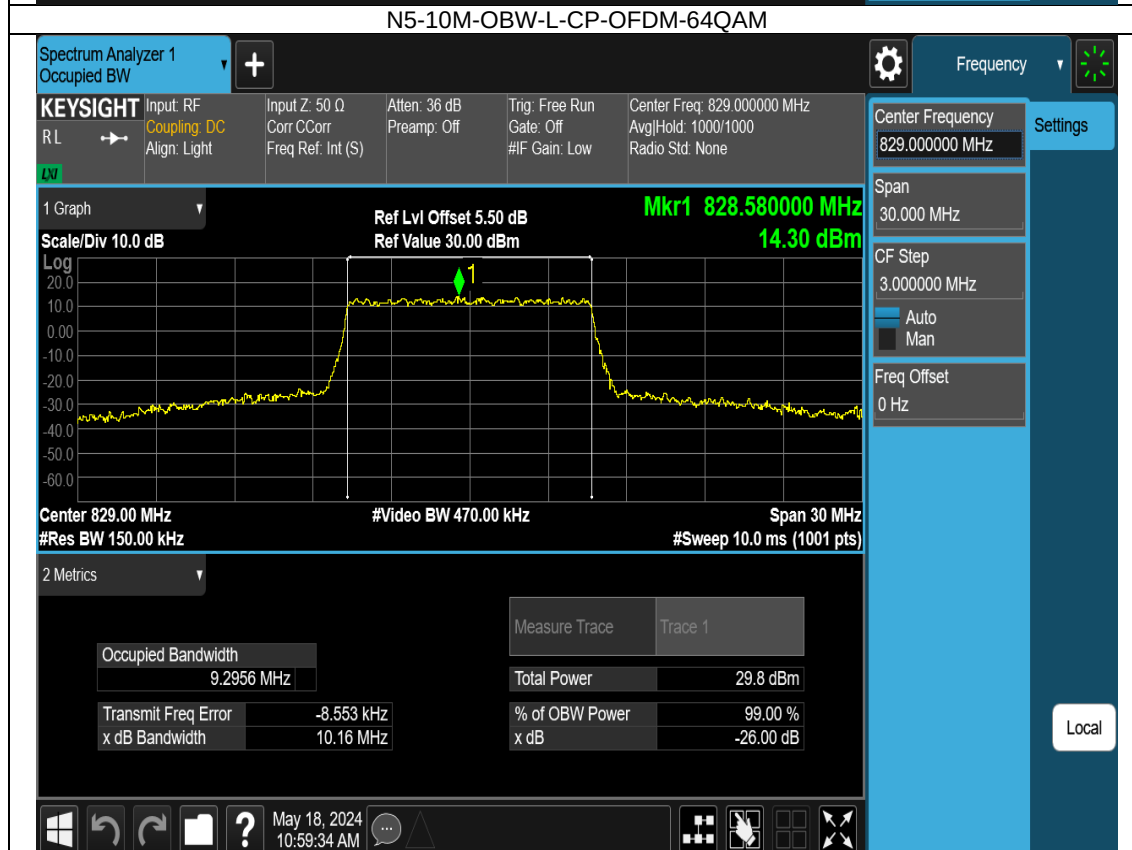
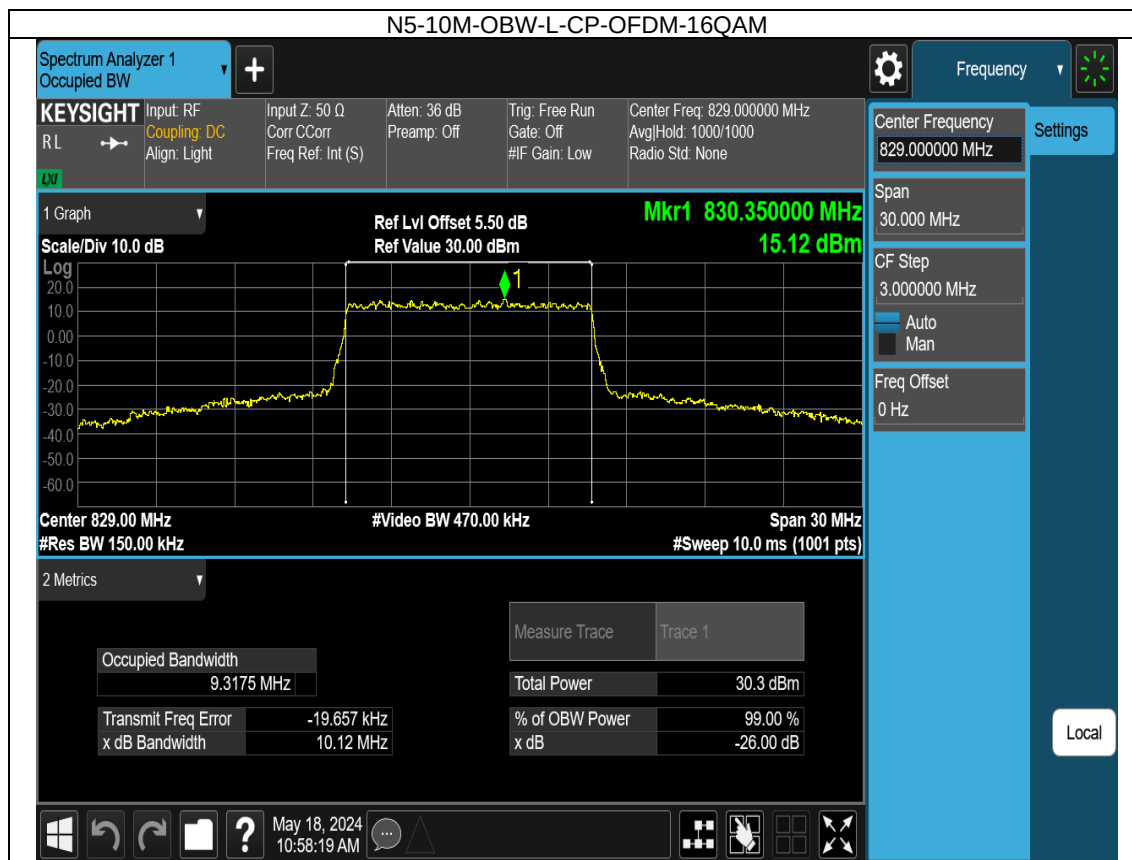
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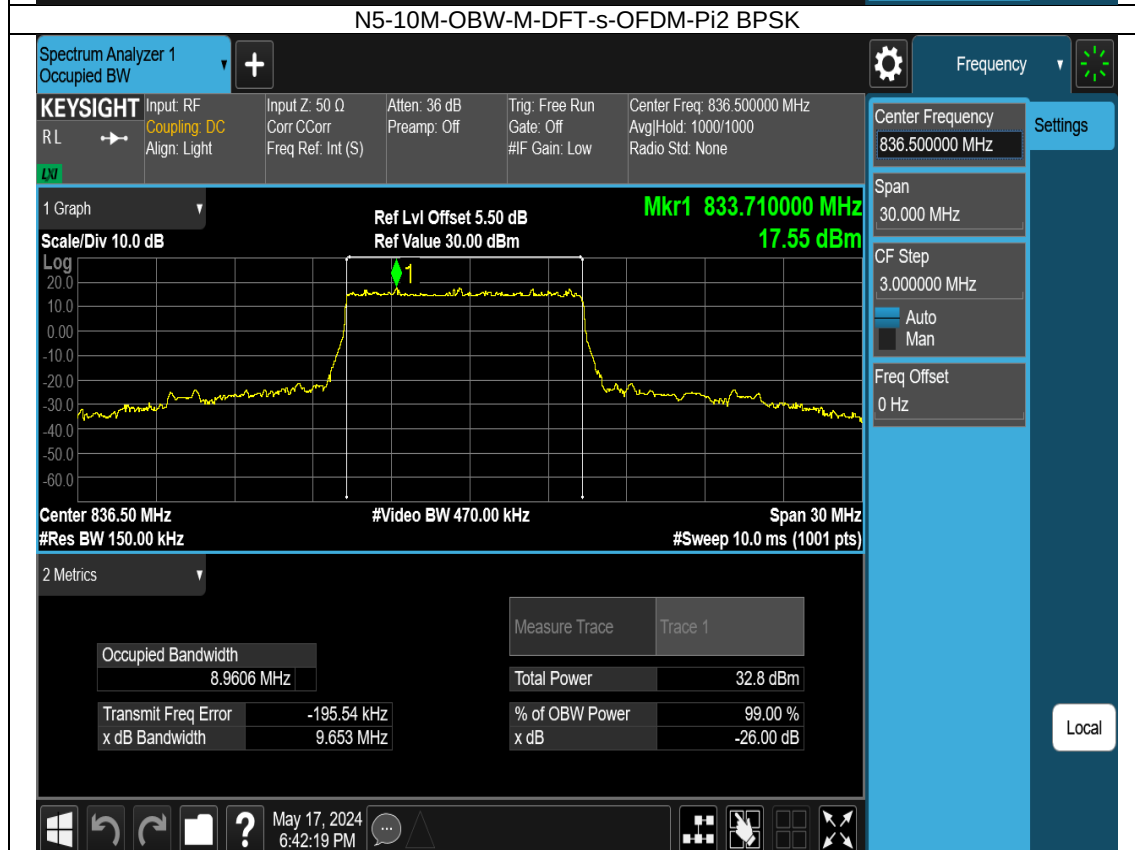
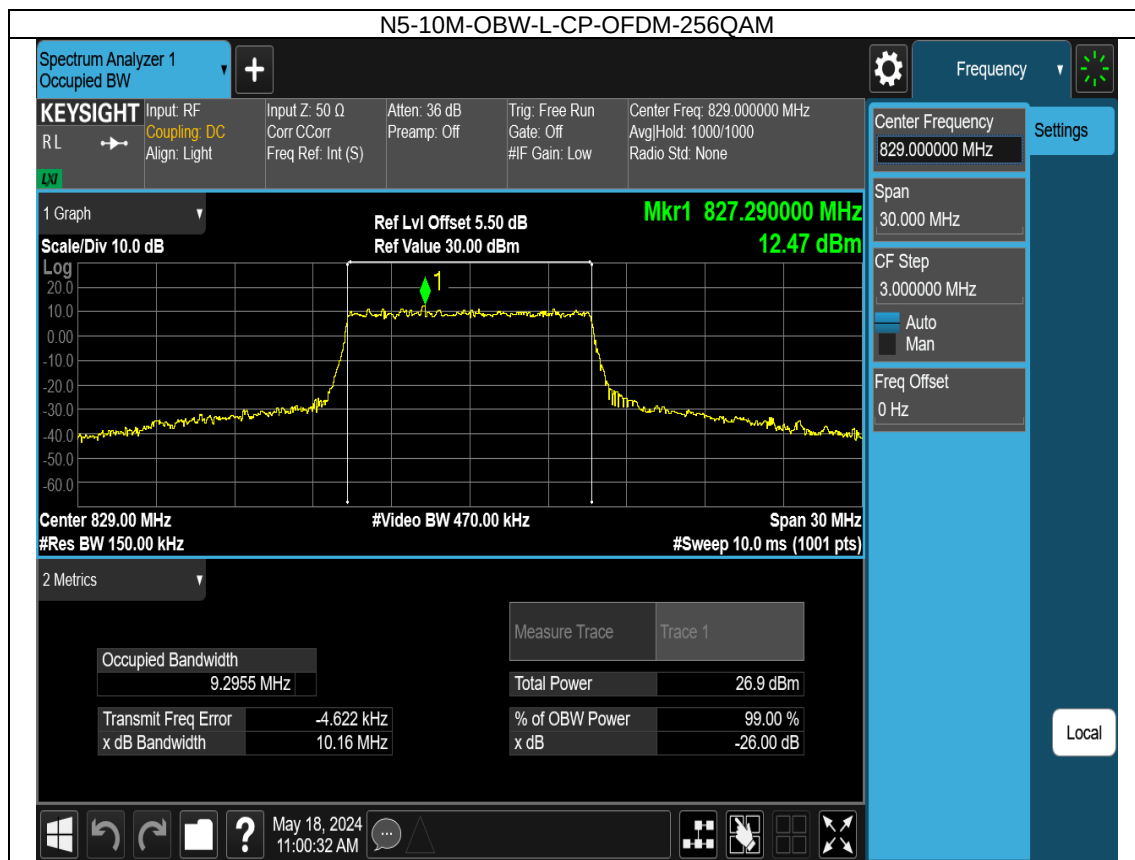


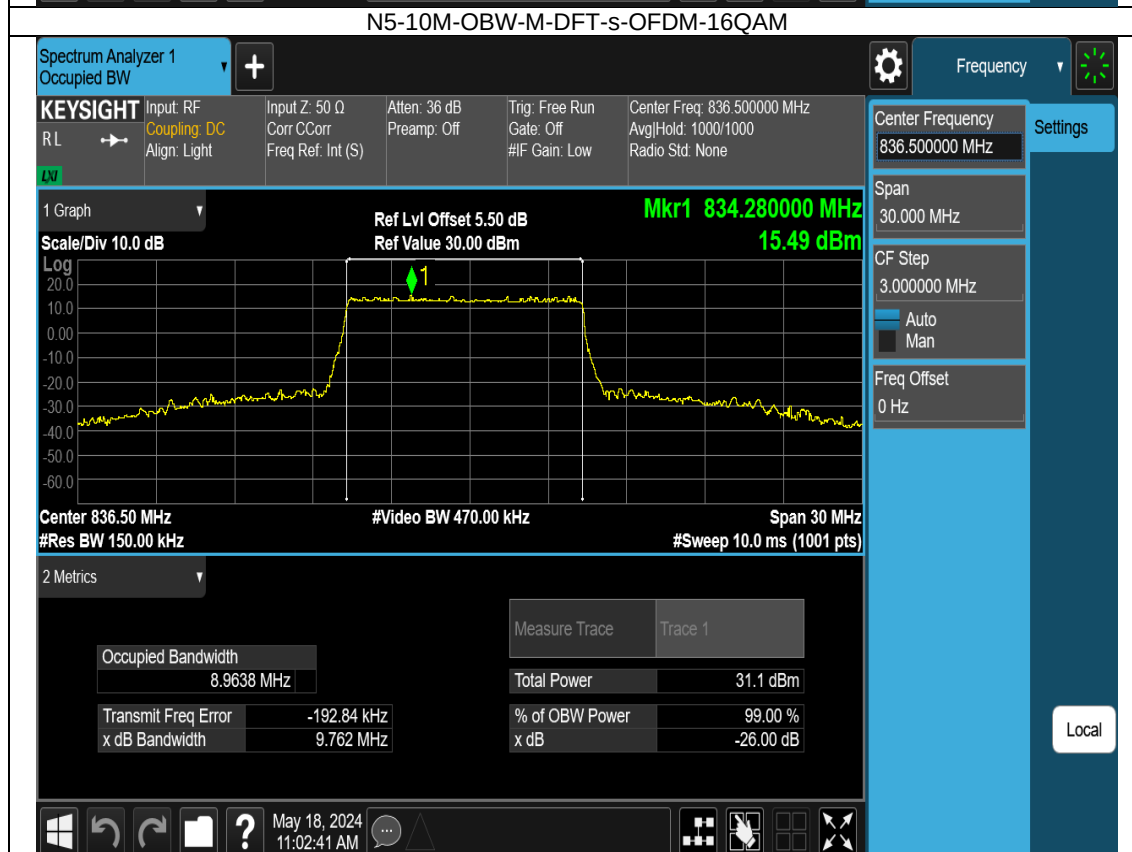
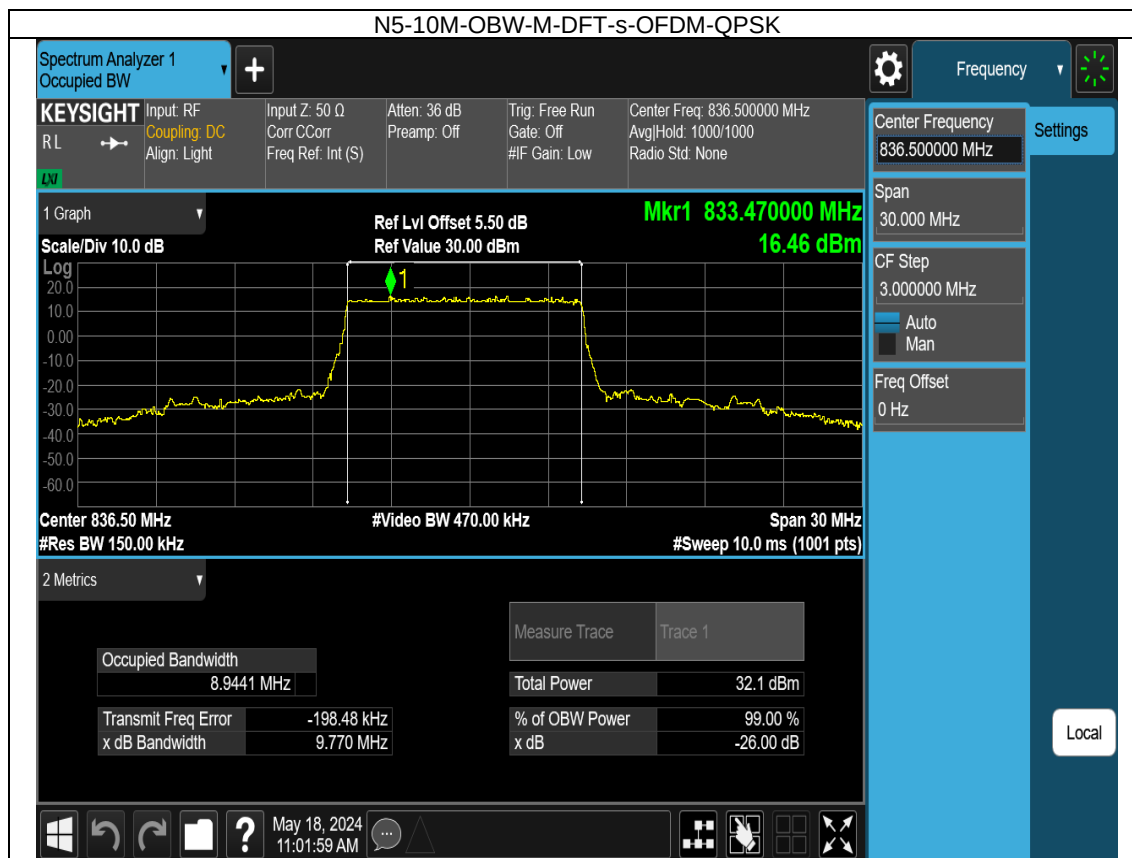
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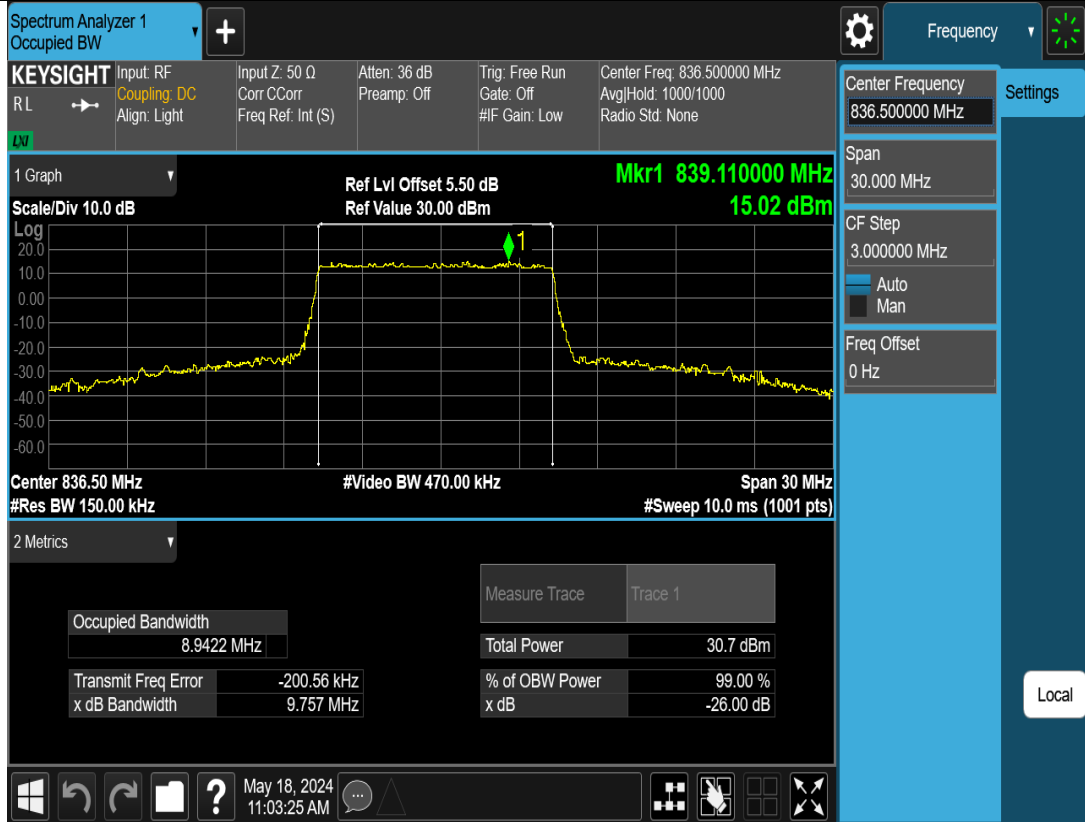




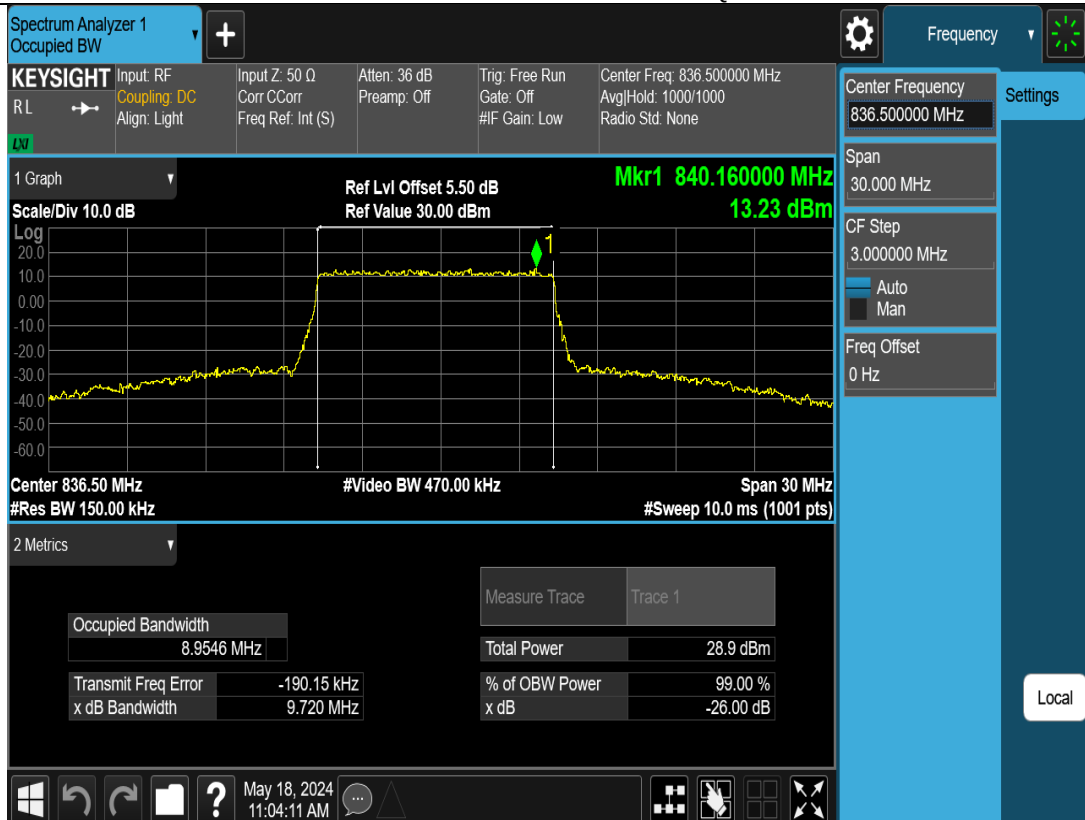


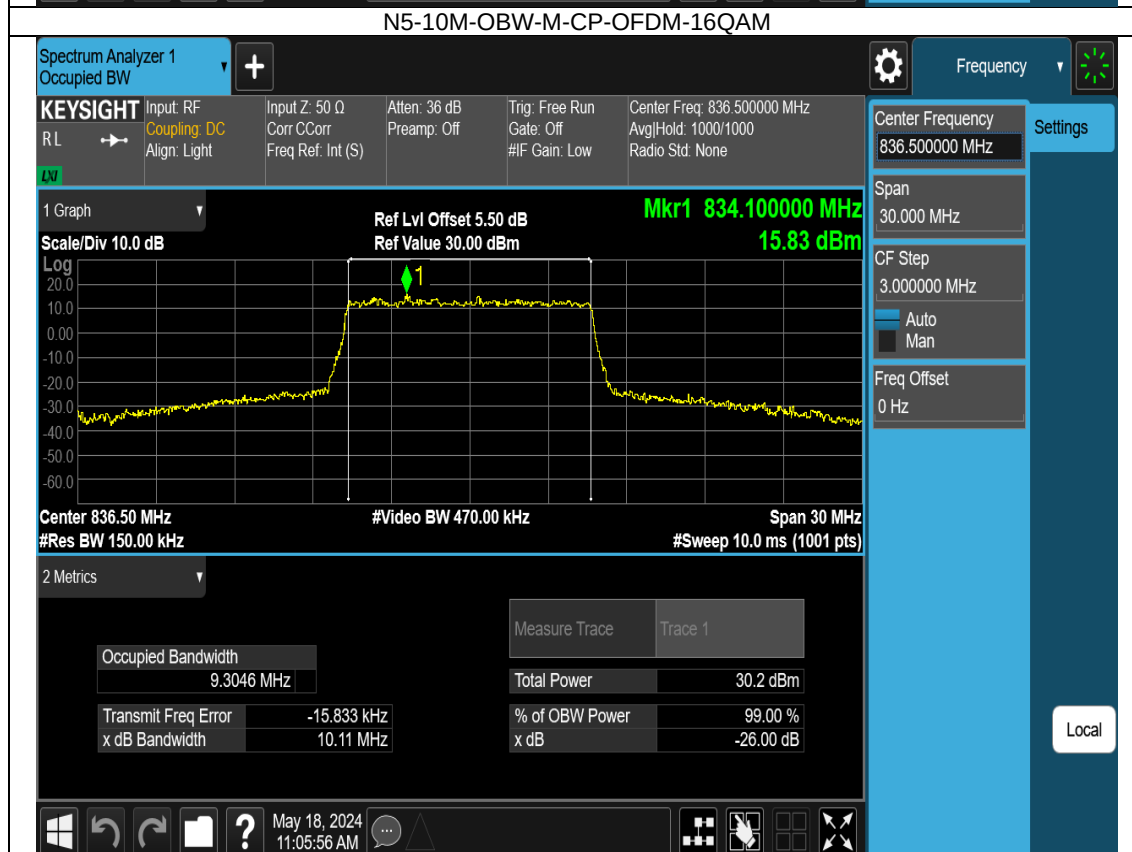
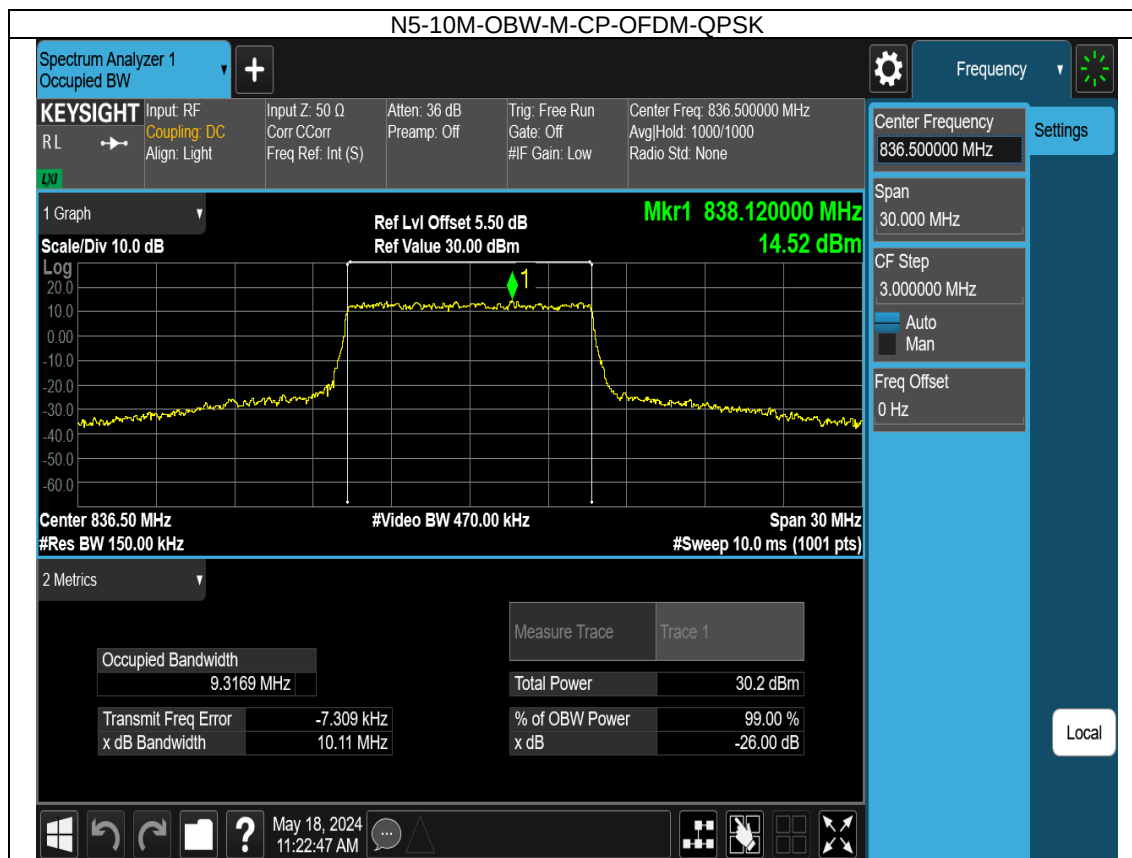


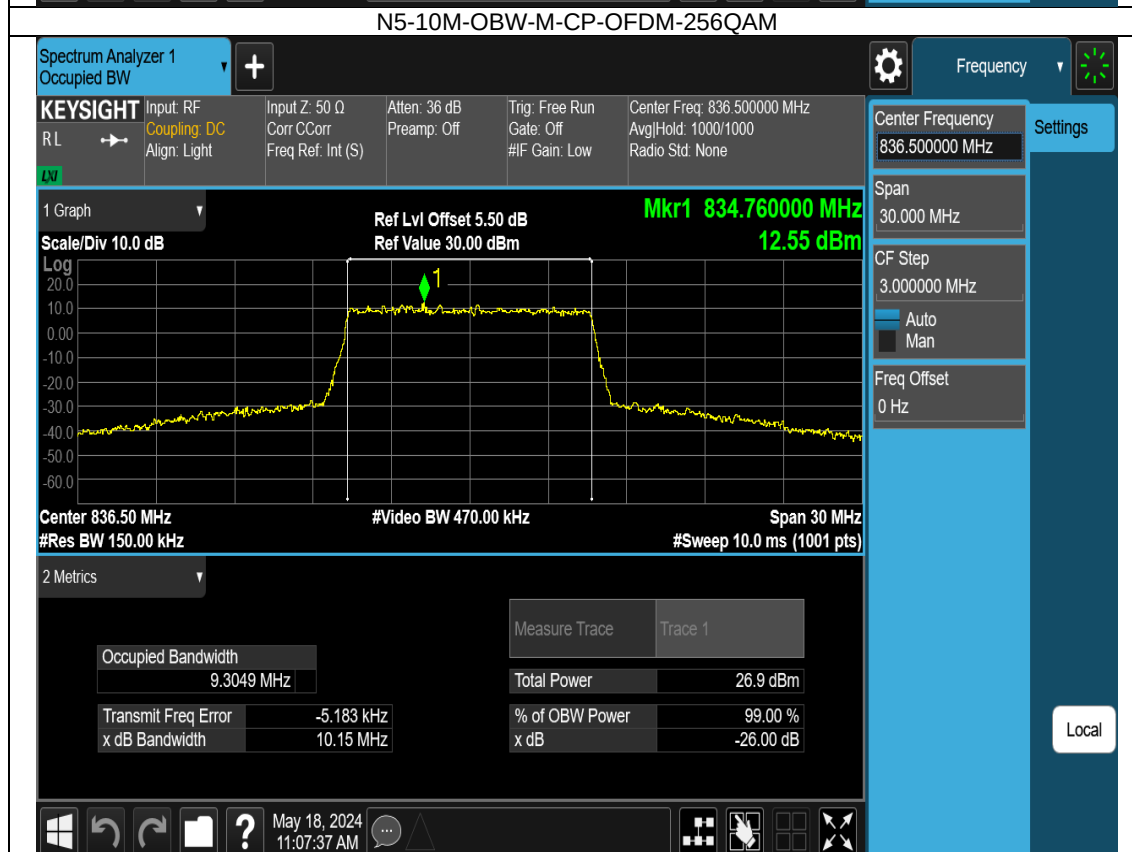
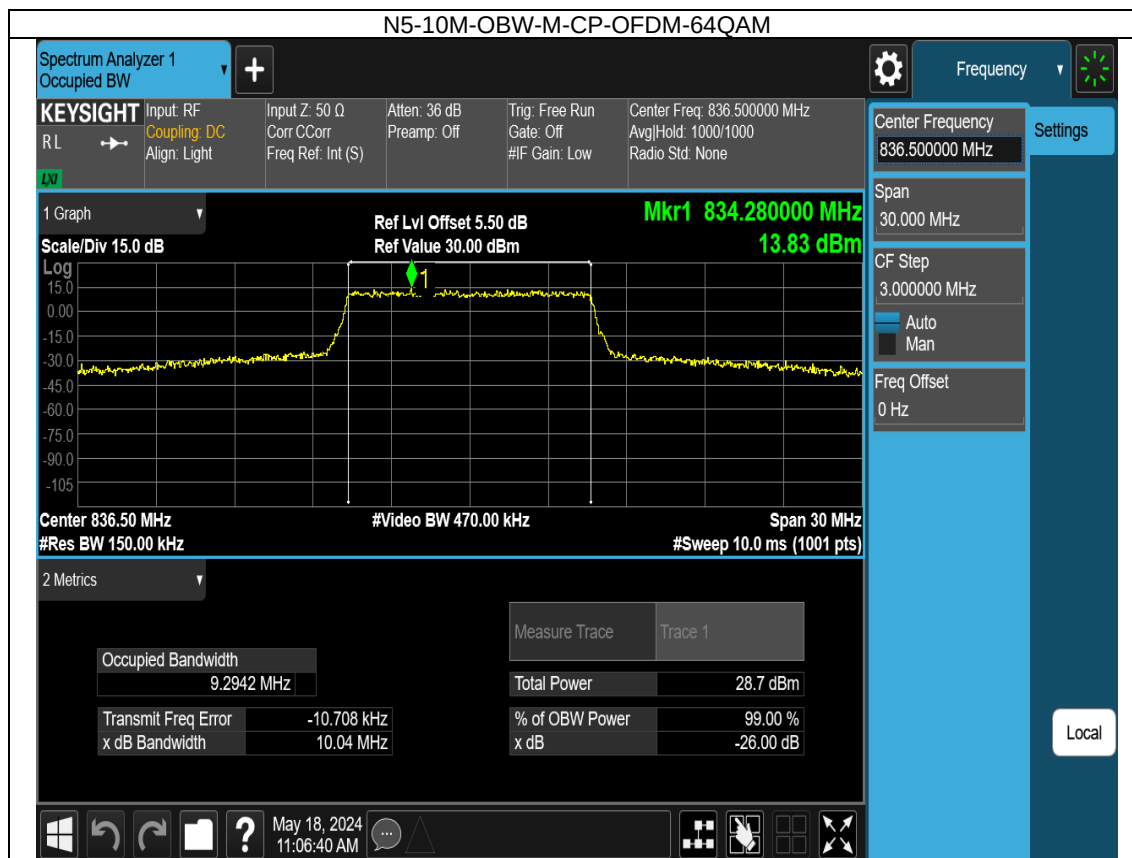
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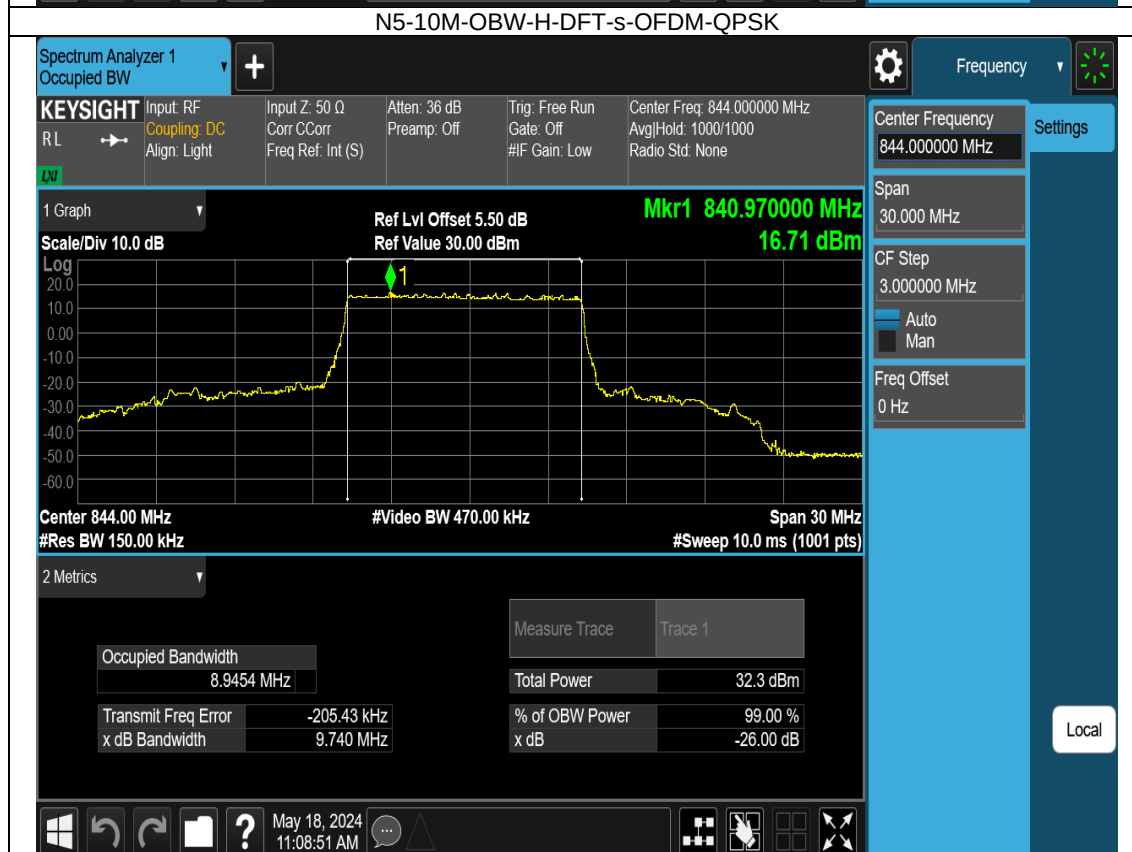
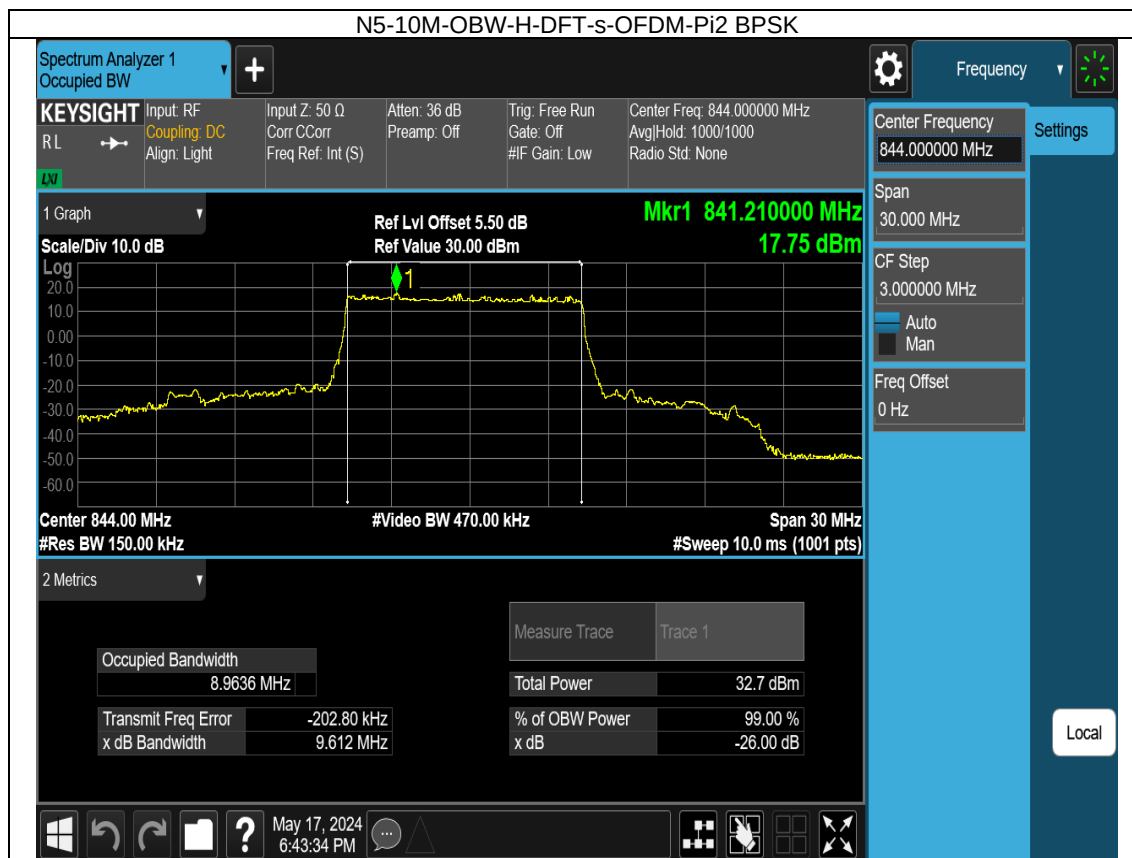


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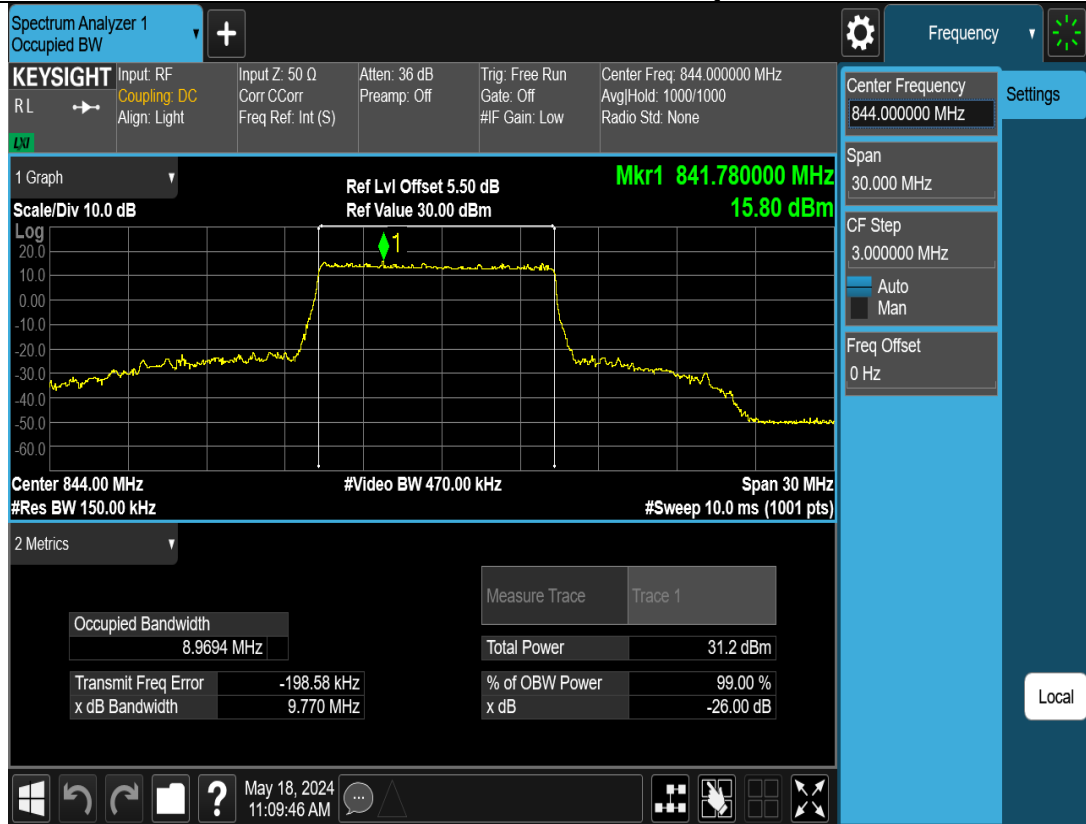




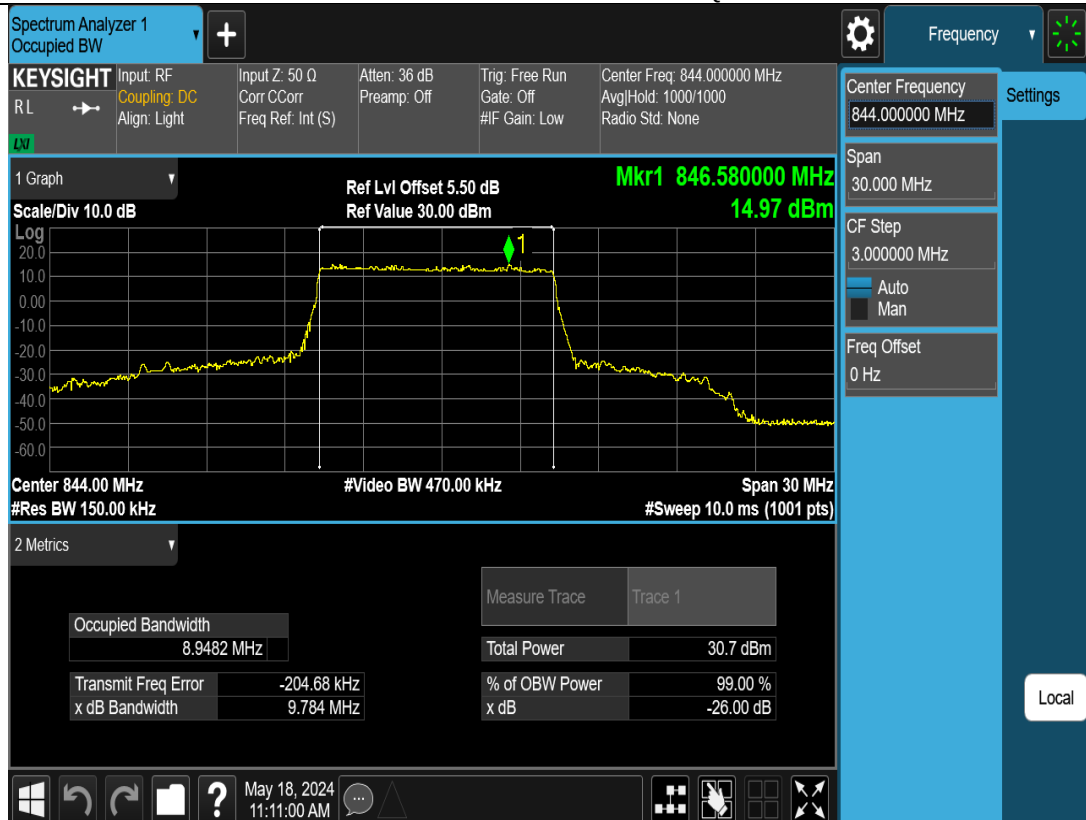


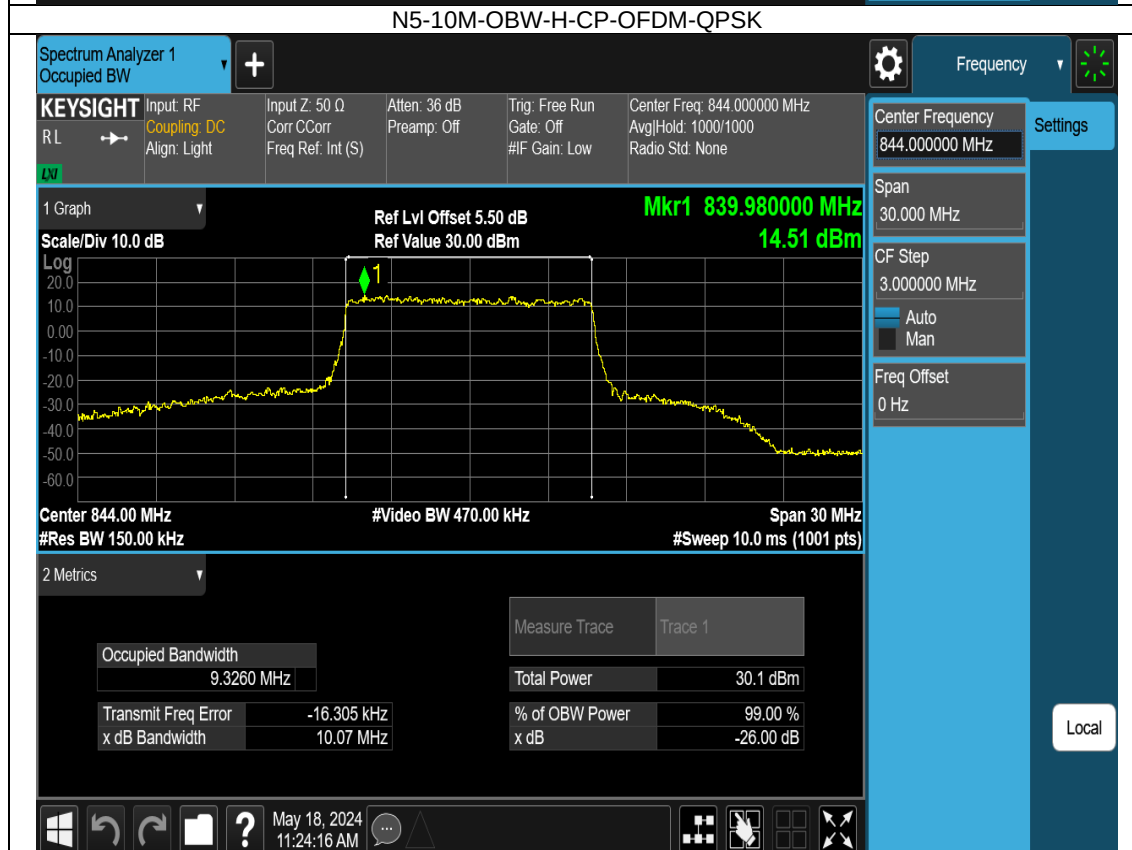
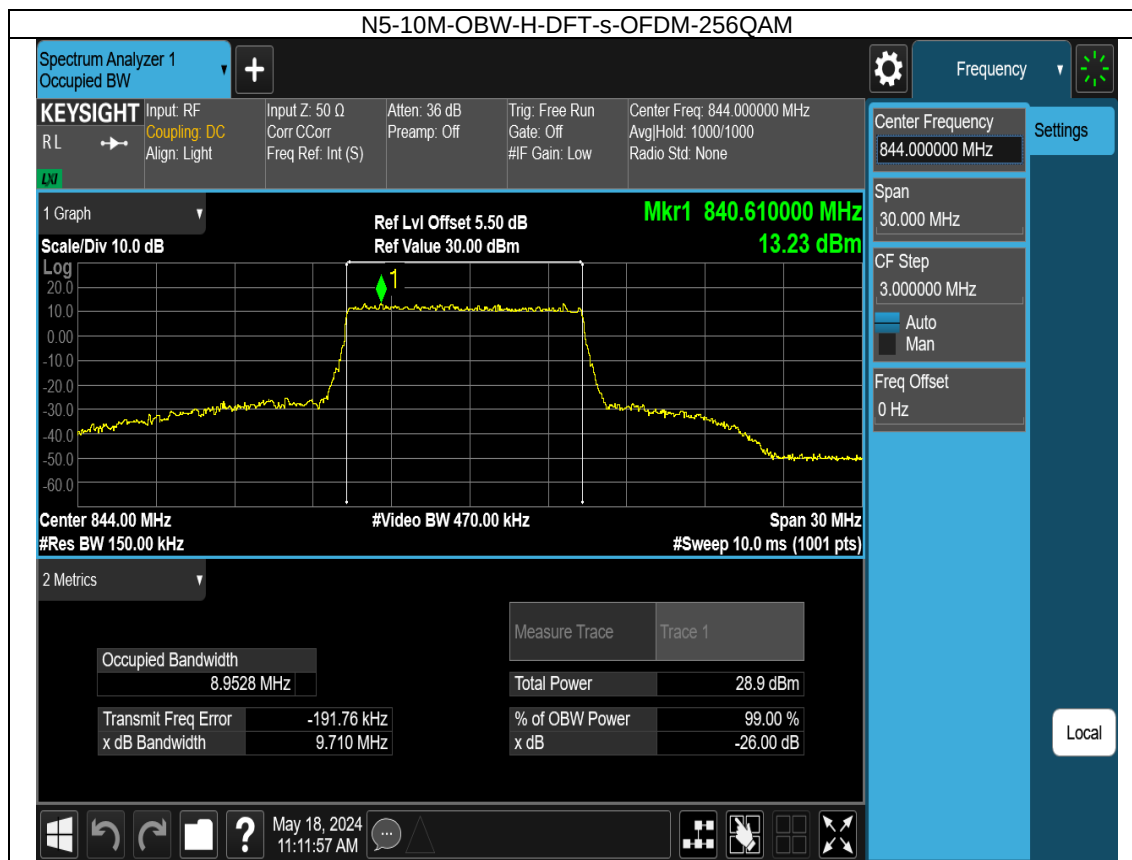


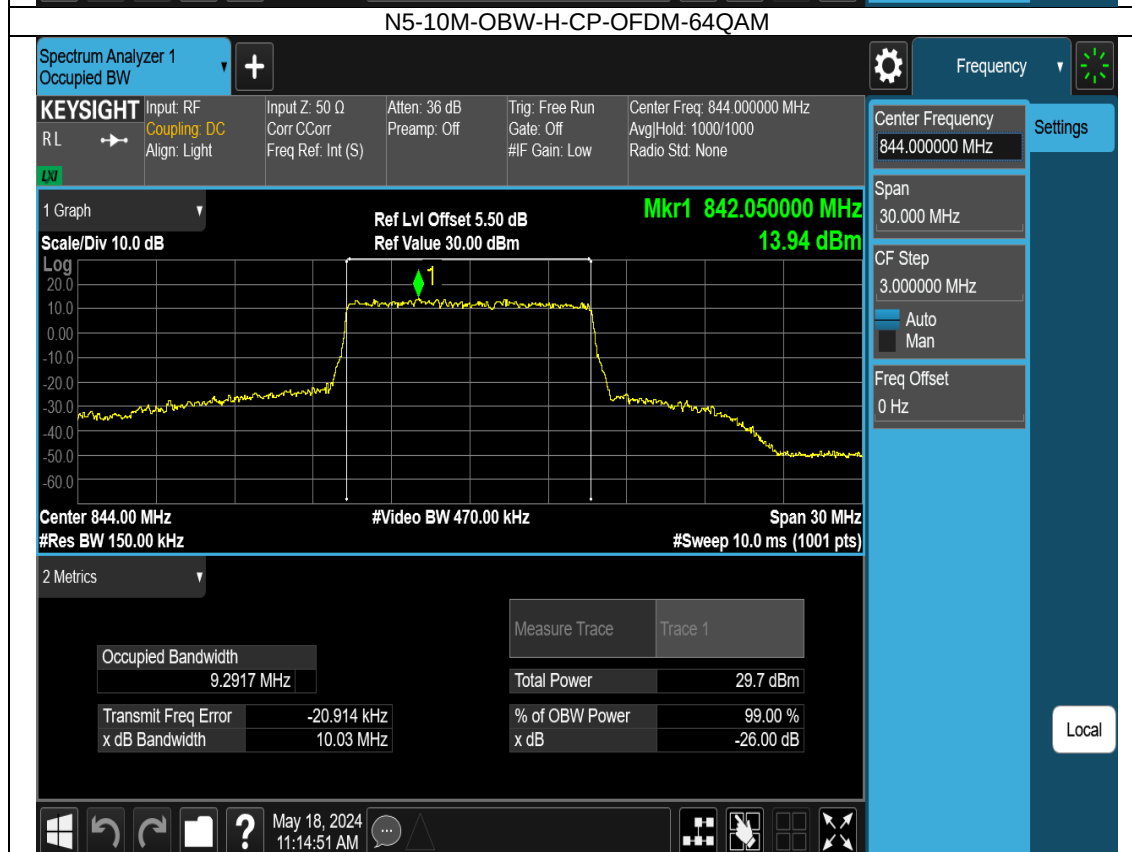
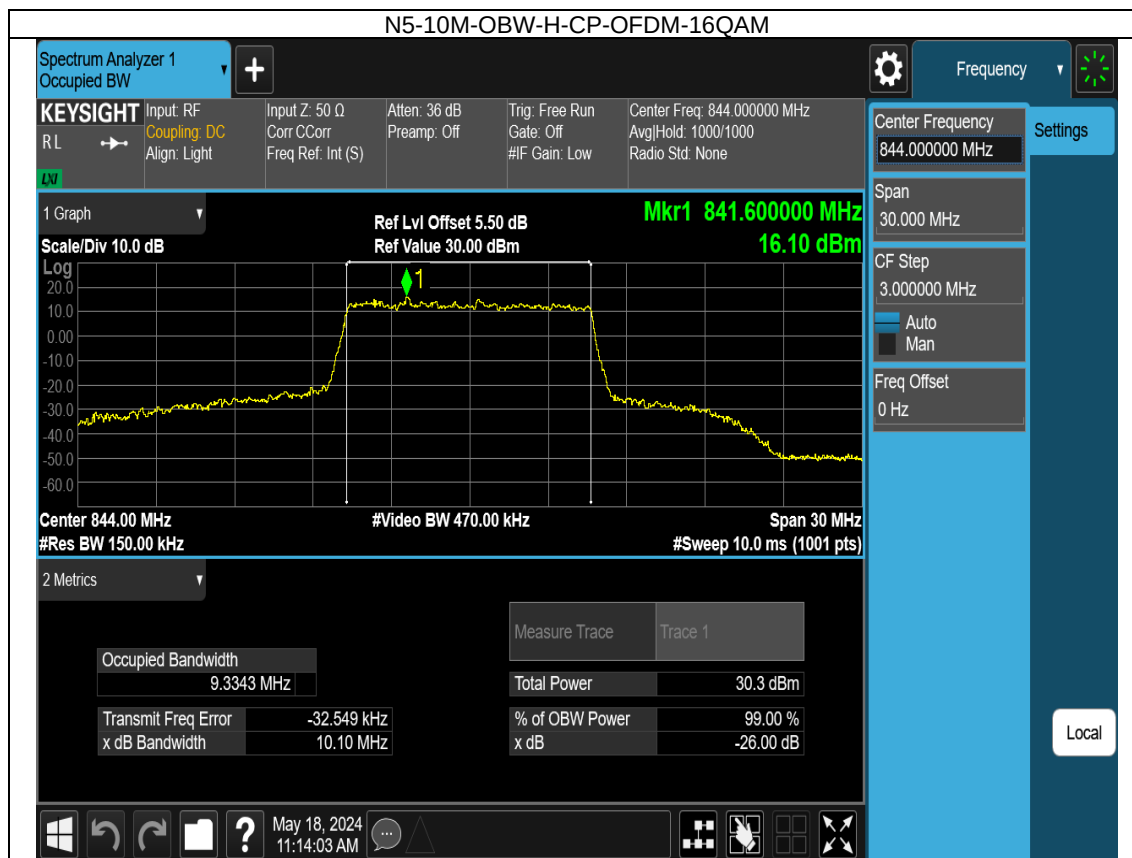
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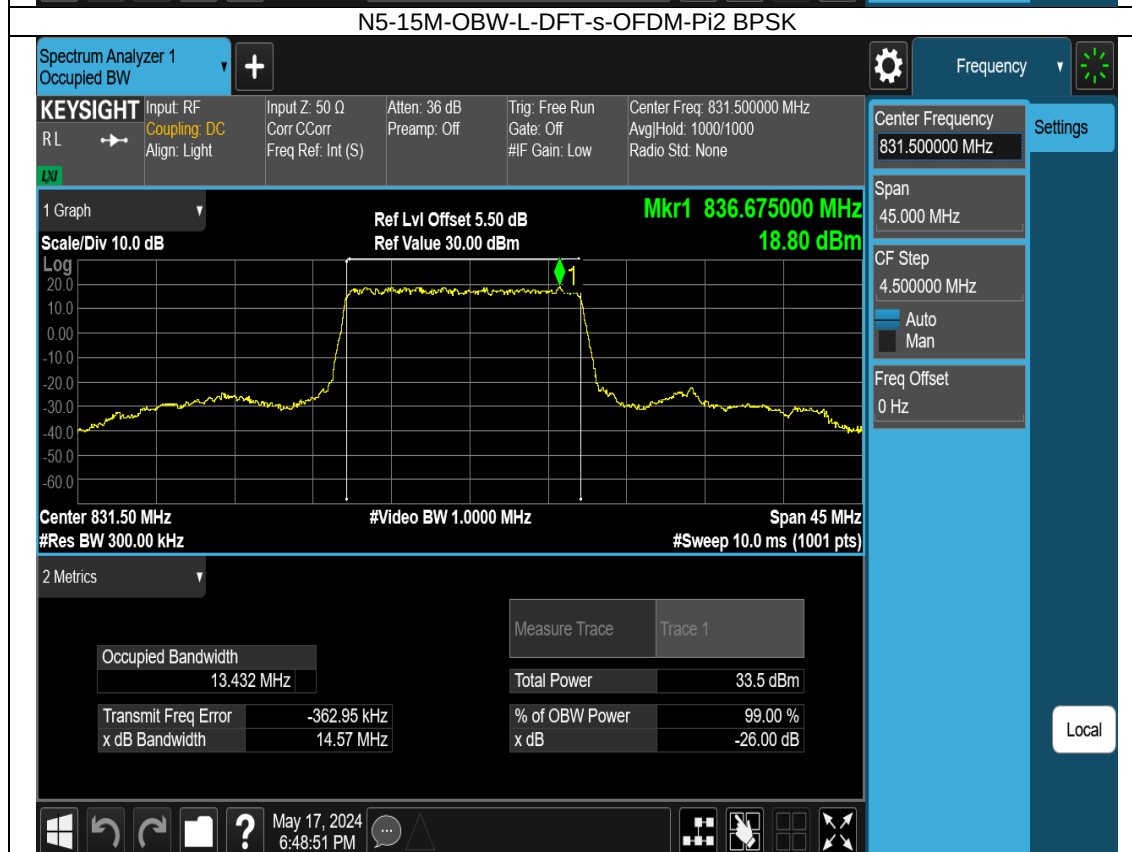
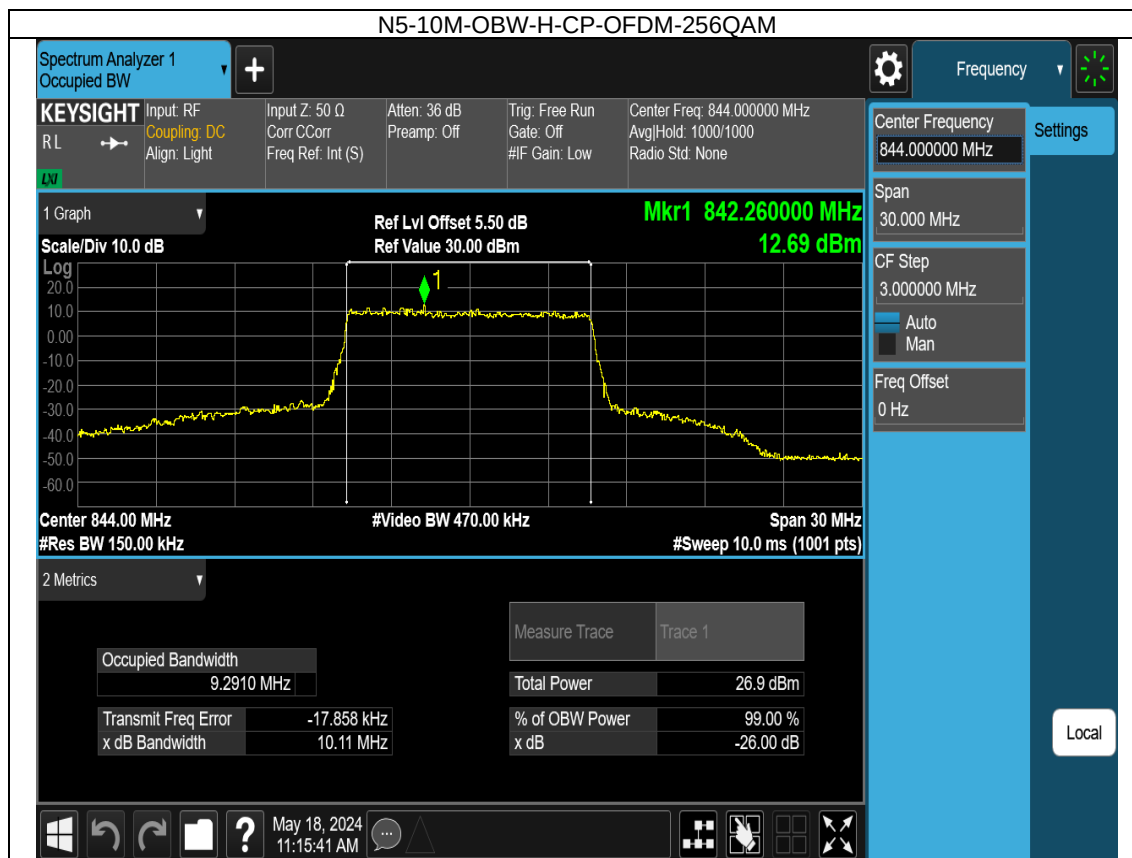


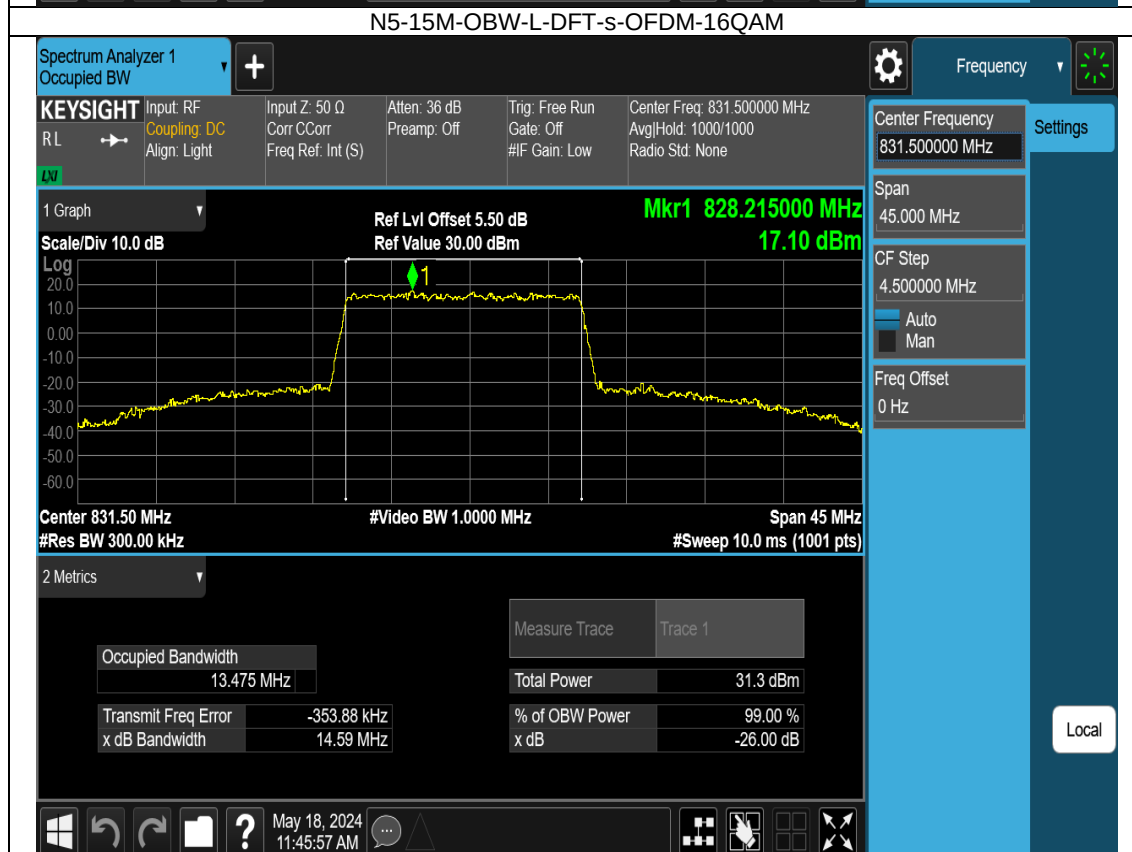
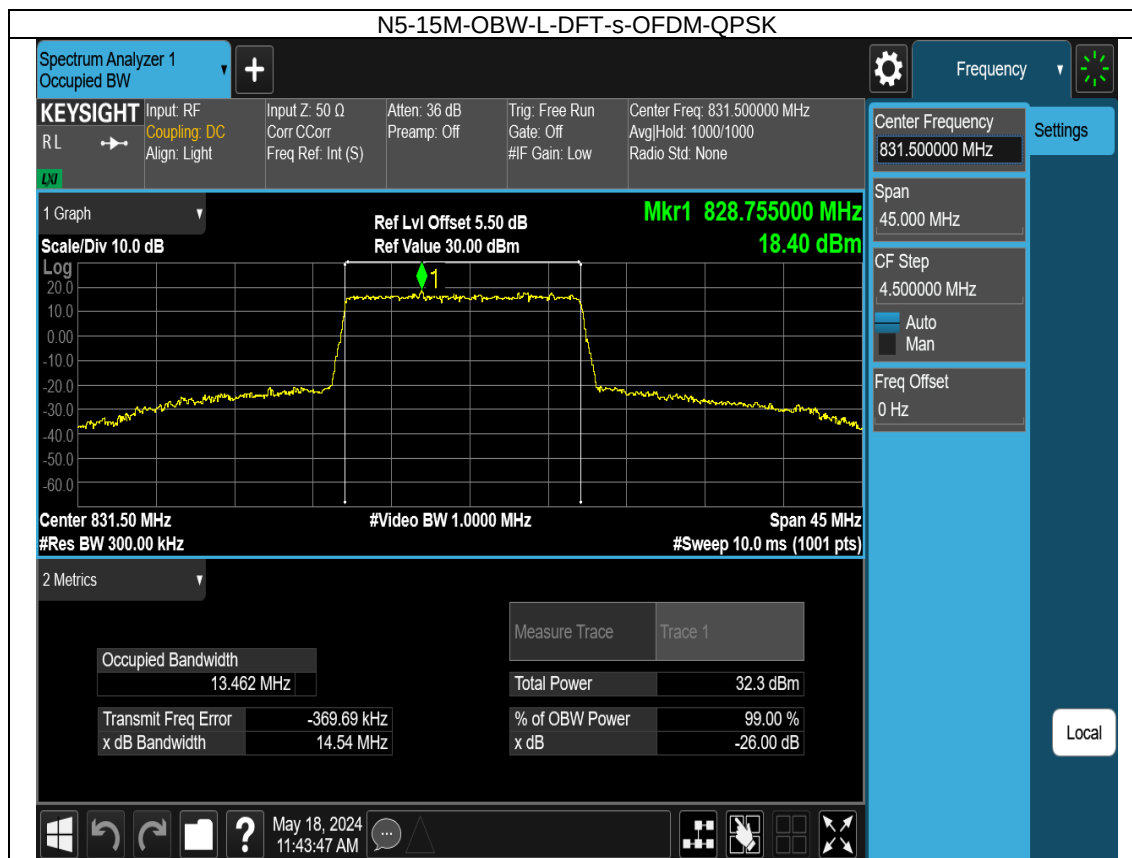
N5-10M-OBW-H-DFT-s-OFDM-64QAM



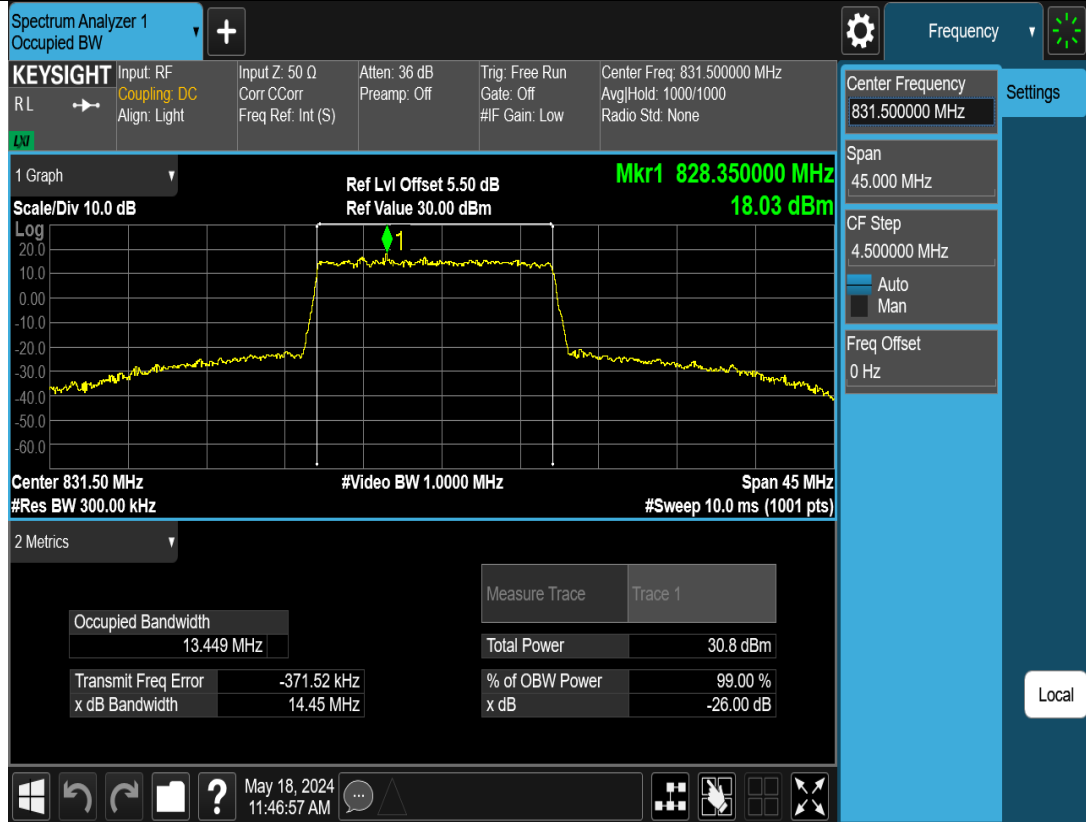








N5-15M-OBW-L-DFT-s-OFDM-64QAM



N5-15M-OBW-L-DFT-s-OFDM-256QAM

