

99% & 26dB Bandwidth

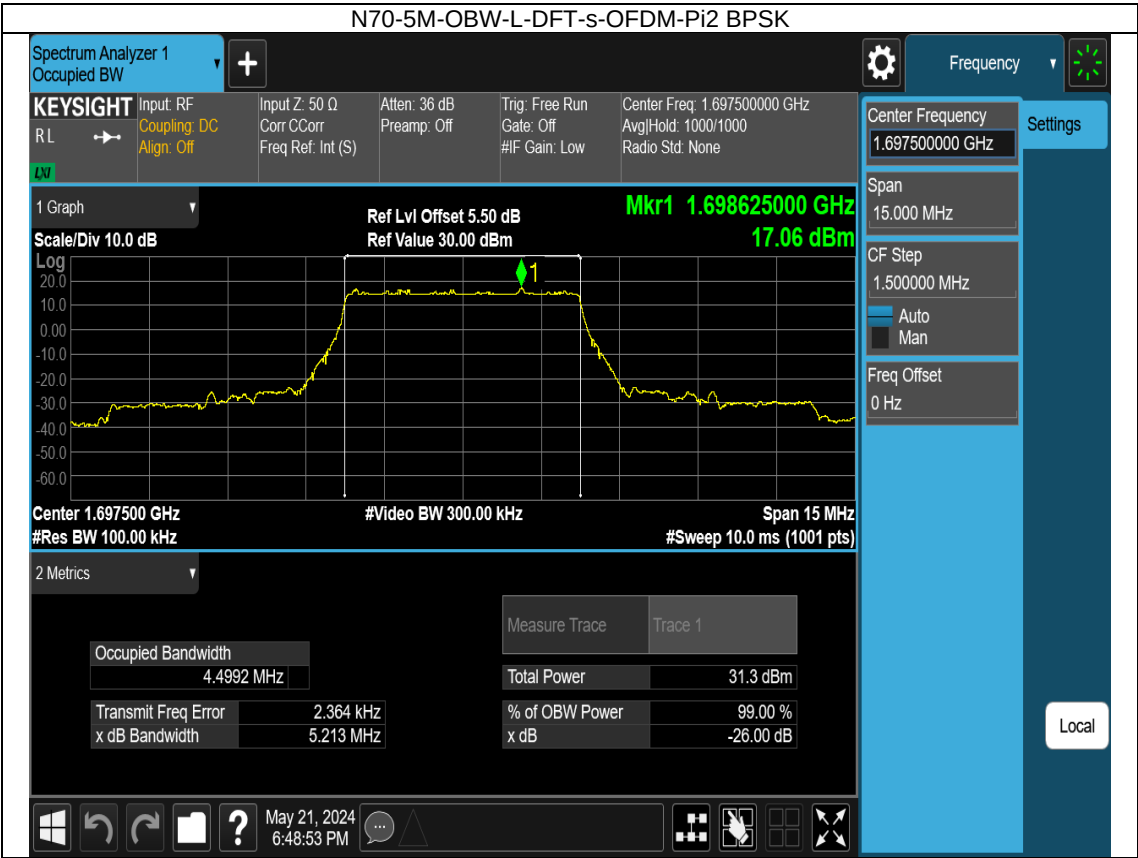
Test Result

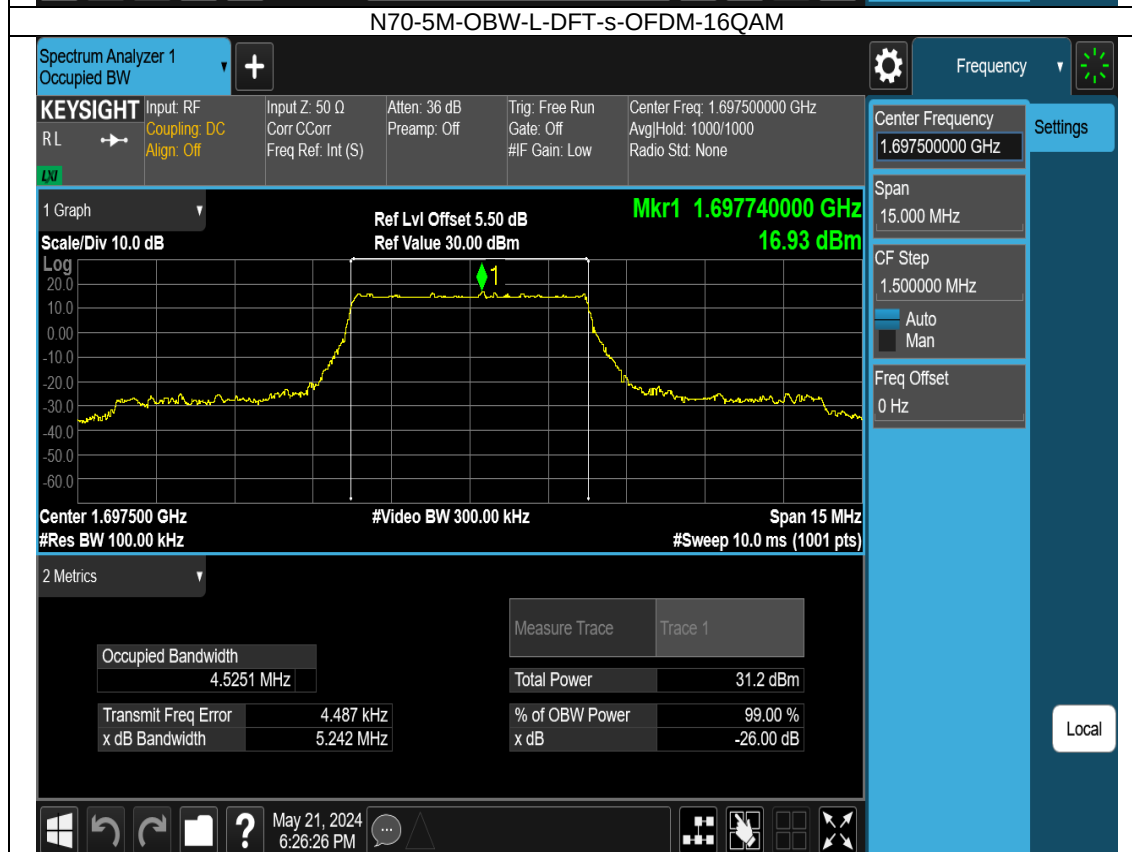
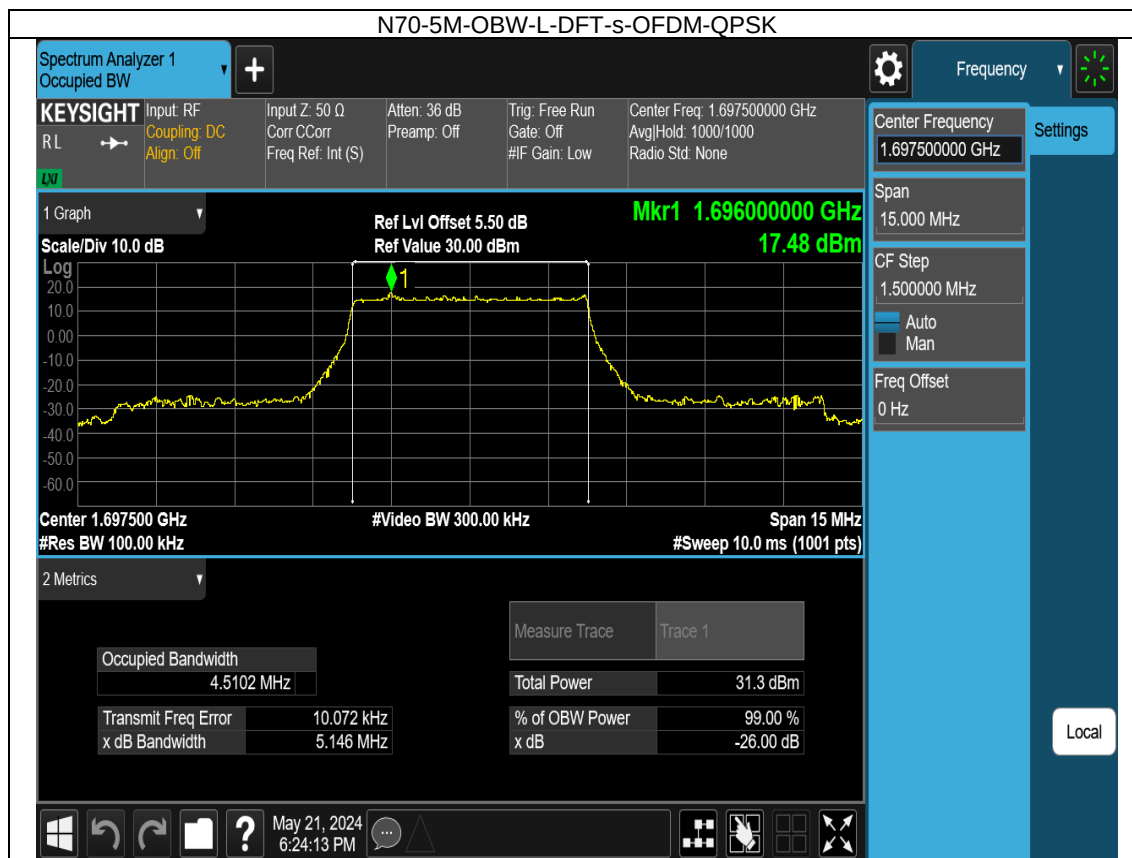
5G NR n70 SCS=15kHz 5MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.499	5.213	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.510	5.146	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.525	5.242	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.516	5.244	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.519	5.144	/	Pass
CP-OFDM QPSK		Outer_Full	4.492	5.169	/	Pass
CP-OFDM 16QAM		Outer_Full	4.554	5.357	/	Pass
CP-OFDM 64QAM		Outer_Full	4.497	5.187	/	Pass
CP-OFDM 256QAM		Outer_Full	4.500	5.139	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.503	5.192	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.543	5.239	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.518	5.195	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.504	5.106	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.516	5.168	/	Pass
CP-OFDM QPSK		Outer_Full	4.485	5.160	/	Pass
CP-OFDM 16QAM		Outer_Full	4.561	5.381	/	Pass
CP-OFDM 64QAM		Outer_Full	4.498	5.176	/	Pass
CP-OFDM 256QAM		Outer_Full	4.499	5.170	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.497	5.196	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.561	5.381	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.515	5.239	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.517	5.211	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.517	5.143	/	Pass
CP-OFDM QPSK		Outer_Full	4.515	5.251	/	Pass
CP-OFDM 16QAM		Outer_Full	4.547	5.311	/	Pass
CP-OFDM 64QAM		Outer_Full	4.497	5.278	/	Pass
CP-OFDM 256QAM		Outer_Full	4.483	5.055	/	Pass

5G NR n70 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	8.950	9.672	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.947	9.695	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.965	9.888	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.979	9.741	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.972	9.763	/	Pass
CP-OFDM QPSK		Outer_Full	9.310	10.17	/	Pass
CP-OFDM 16QAM		Outer_Full	9.312	10.22	/	Pass
CP-OFDM 64QAM		Outer_Full	9.331	10.29	/	Pass
CP-OFDM 256QAM		Outer_Full	9.348	10.20	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	8.952	9.705	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.957	9.735	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.974	9.858	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.967	9.792	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.989	9.772	/	Pass
CP-OFDM QPSK		Outer_Full	9.322	10.21	/	Pass
CP-OFDM 16QAM		Outer_Full	8.959	9.811	/	Pass
CP-OFDM 64QAM		Outer_Full	8.958	9.730	/	Pass
CP-OFDM 256QAM		Outer_Full	8.959	9.846	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	8.936	9.626	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.940	9.669	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.951	9.702	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.957	9.712	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.986	9.720	/	Pass
CP-OFDM QPSK		Outer_Full	9.304	10.09	/	Pass
CP-OFDM 16QAM		Outer_Full	8.952	9.783	/	Pass
CP-OFDM 64QAM		Outer_Full	8.931	9.765	/	Pass
CP-OFDM 256QAM		Outer_Full	8.962	9.761	/	Pass

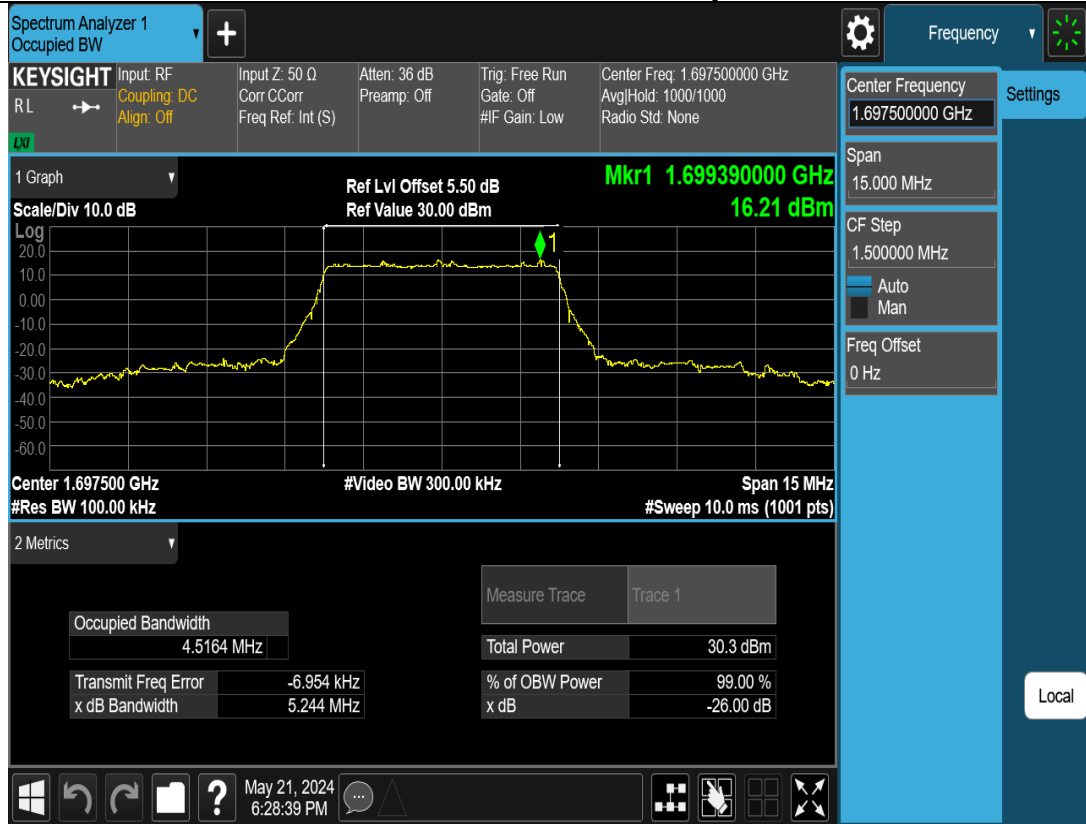
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Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	13.480	14.59	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.472	14.51	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.477	14.51	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.493	14.53	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.532	14.51	/	Pass
CP-OFDM QPSK		Outer_Full	14.199	15.28	/	Pass
CP-OFDM 16QAM		Outer_Full	14.170	15.31	/	Pass
CP-OFDM 64QAM		Outer_Full	14.179	15.24	/	Pass
CP-OFDM 256QAM		Outer_Full	14.159	15.32	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	13.460	14.42	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.507	14.61	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.493	14.55	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.477	14.60	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.479	14.54	/	Pass
CP-OFDM QPSK		Outer_Full	14.193	15.26	/	Pass
CP-OFDM 16QAM		Outer_Full	13.486	14.61	/	Pass
CP-OFDM 64QAM		Outer_Full	13.484	14.60	/	Pass
CP-OFDM 256QAM		Outer_Full	13.462	14.51	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	13.490	14.48	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.508	14.59	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.487	14.55	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.482	14.58	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.557	14.54	/	Pass
CP-OFDM QPSK		Outer_Full	14.127	15.22	/	Pass
CP-OFDM 16QAM		Outer_Full	13.425	14.49	/	Pass
CP-OFDM 64QAM		Outer_Full	13.519	14.55	/	Pass
CP-OFDM 256QAM		Outer_Full	13.486	14.54	/	Pass

Test graph

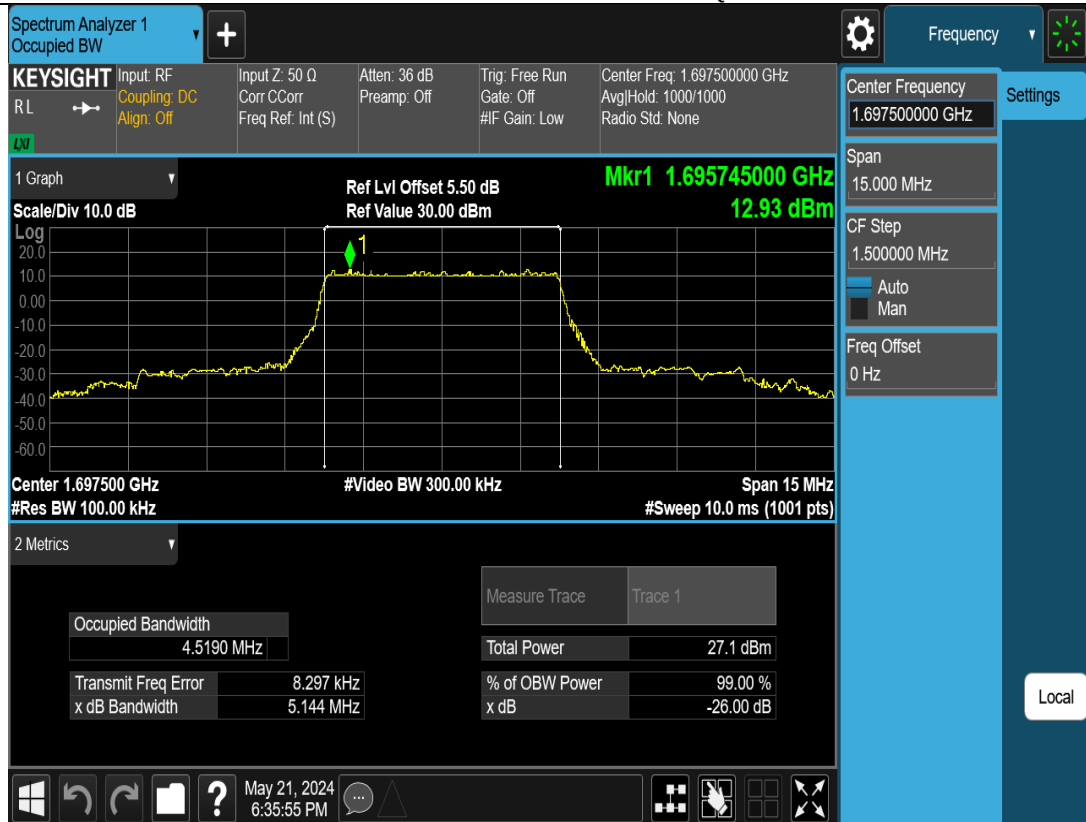


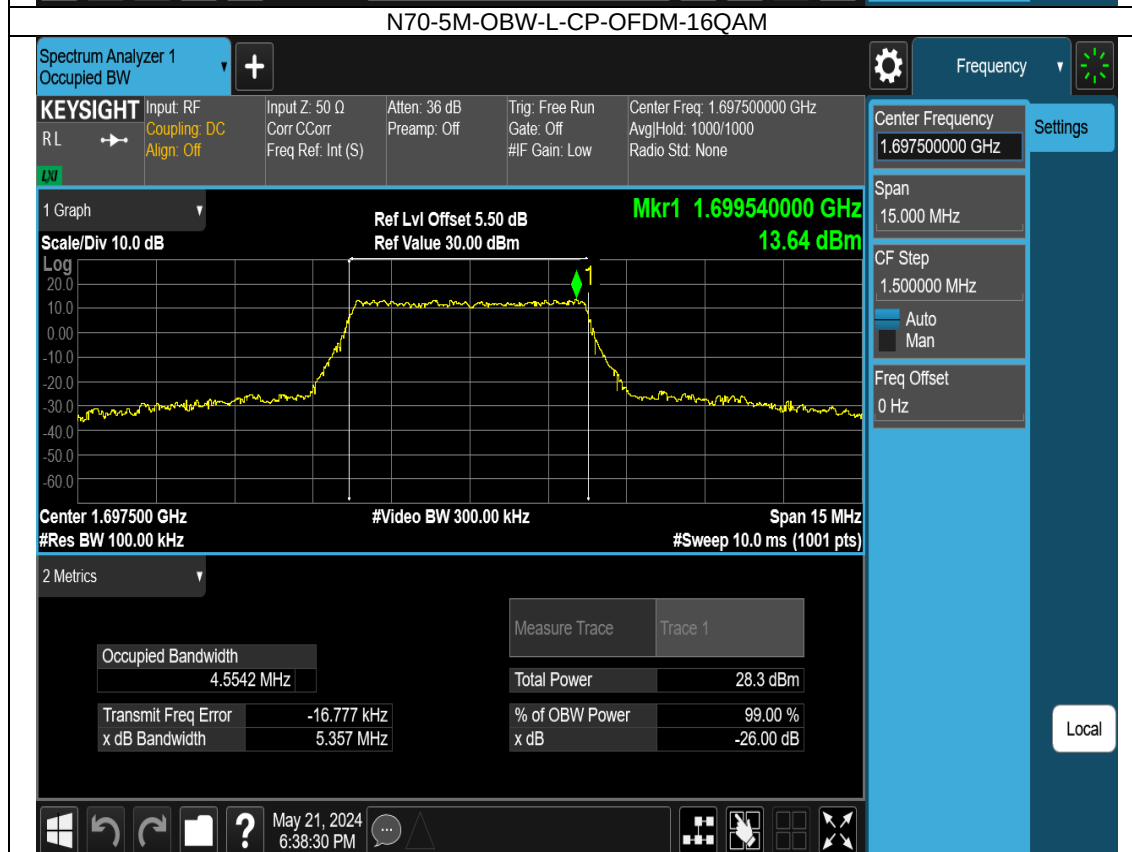
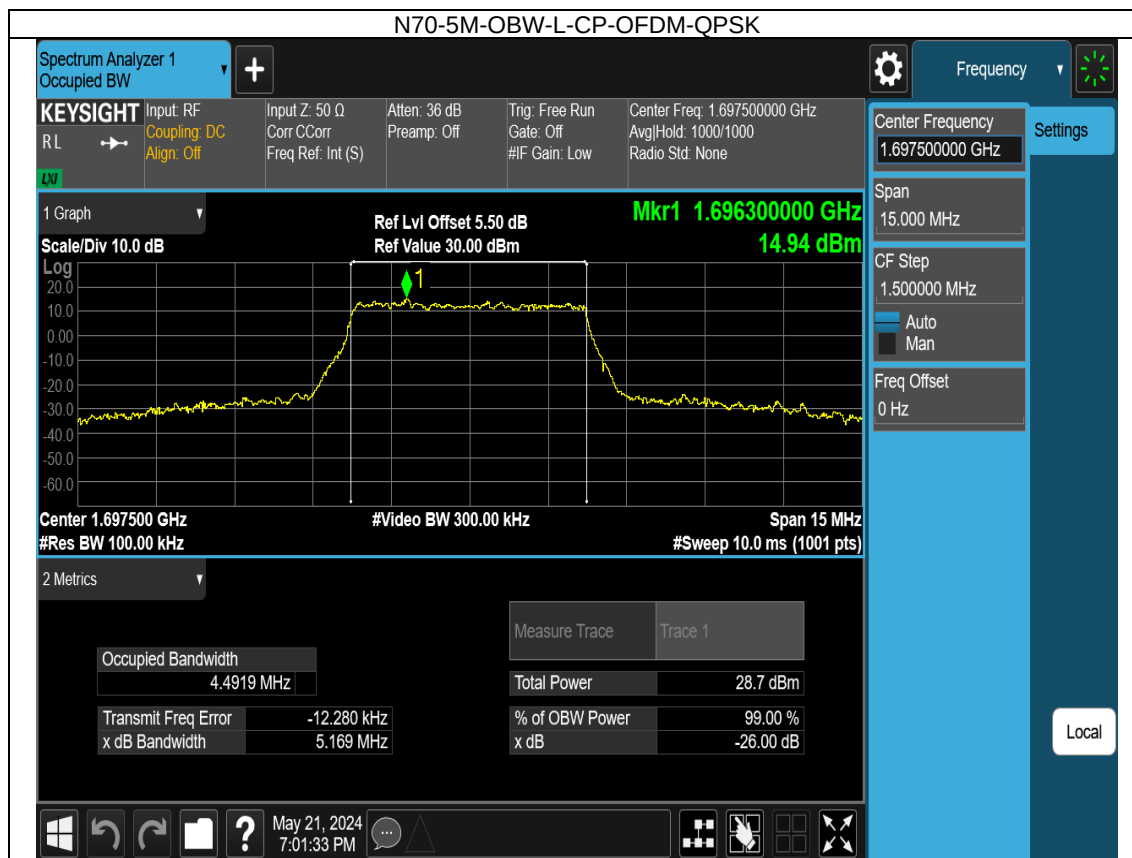


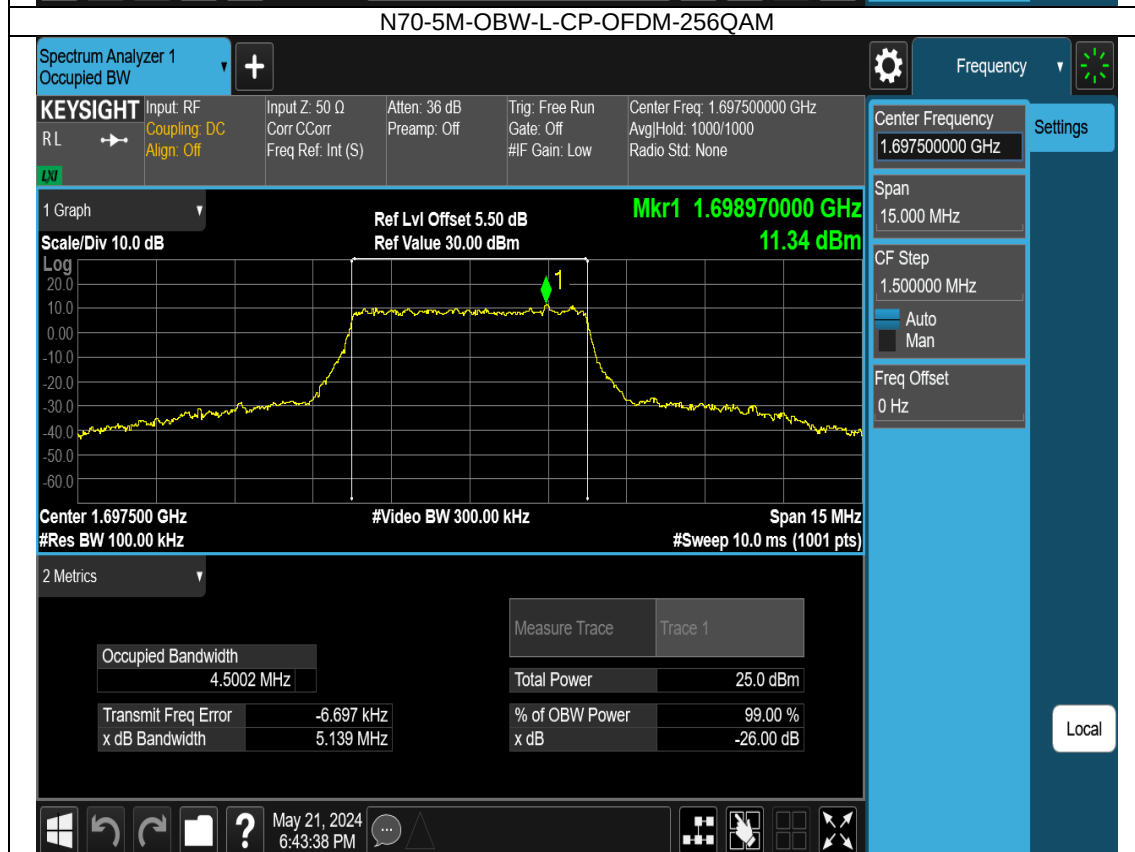
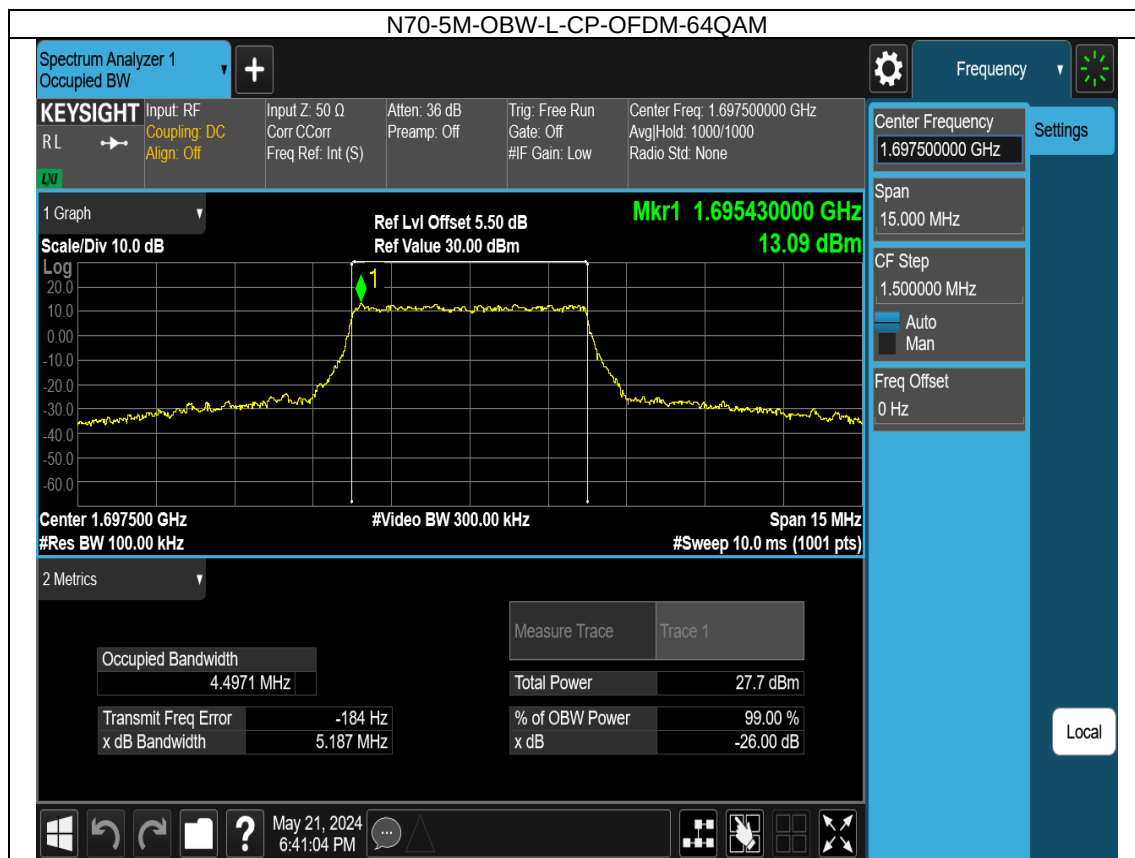
N70-5M-OBW-L-DFT-s-OFDM-64QAM

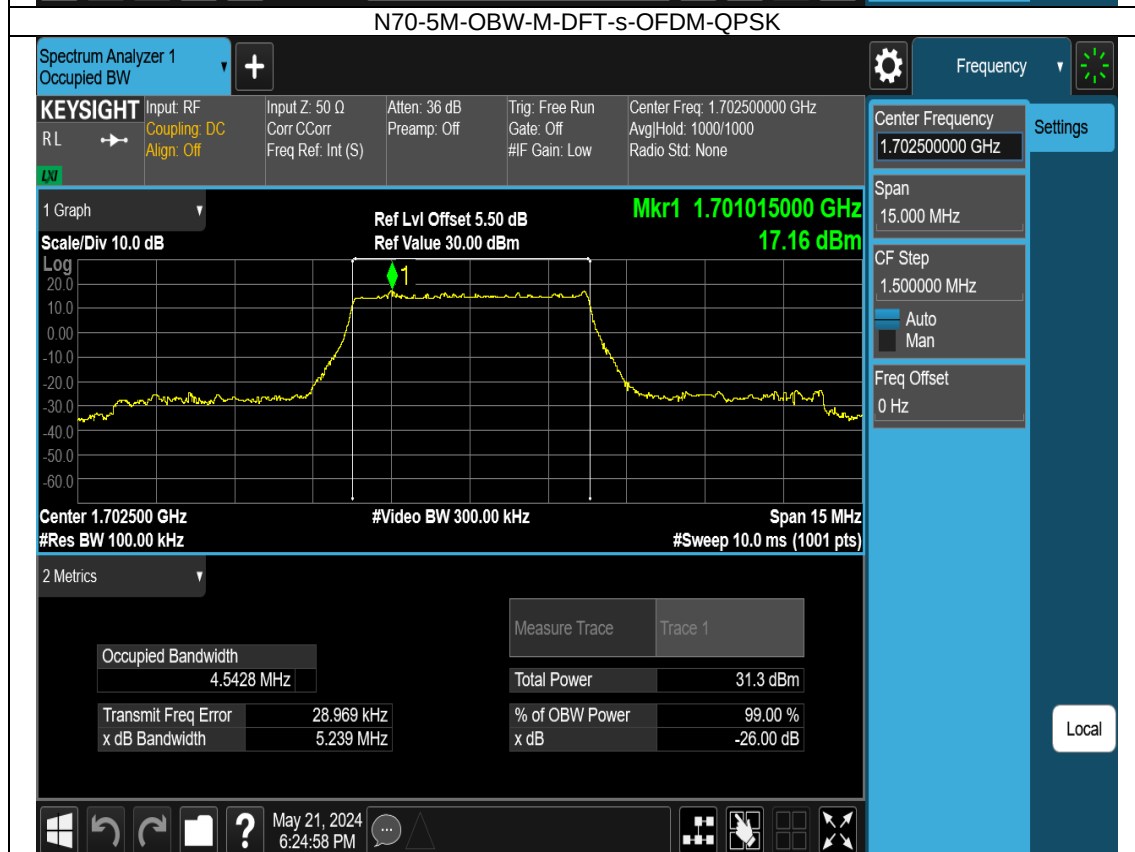
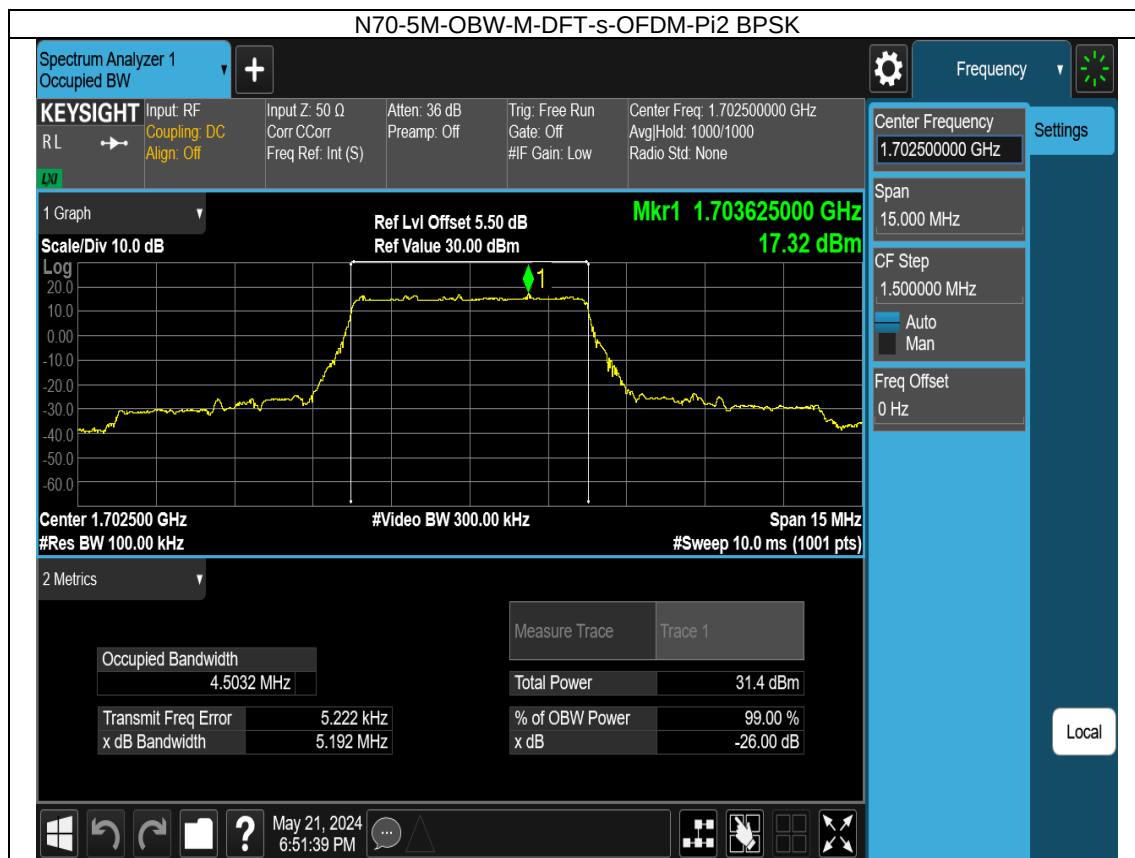


N70-5M-OBW-L-DFT-s-OFDM-256QAM

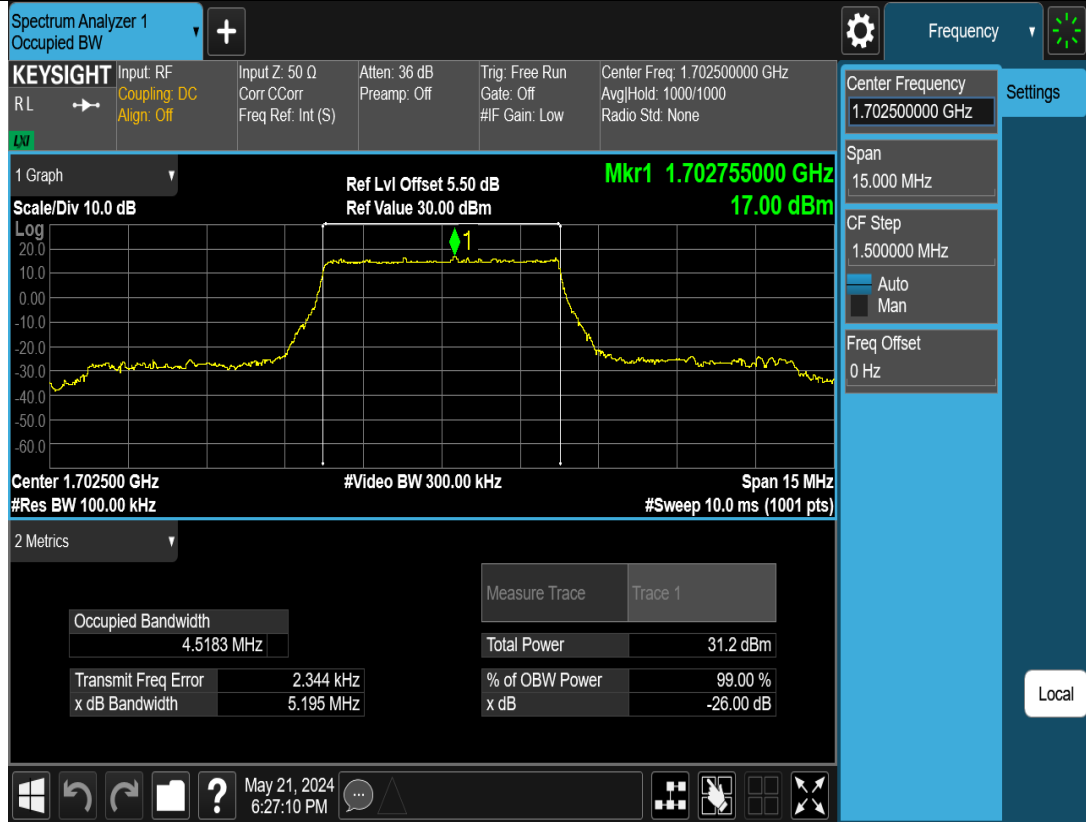




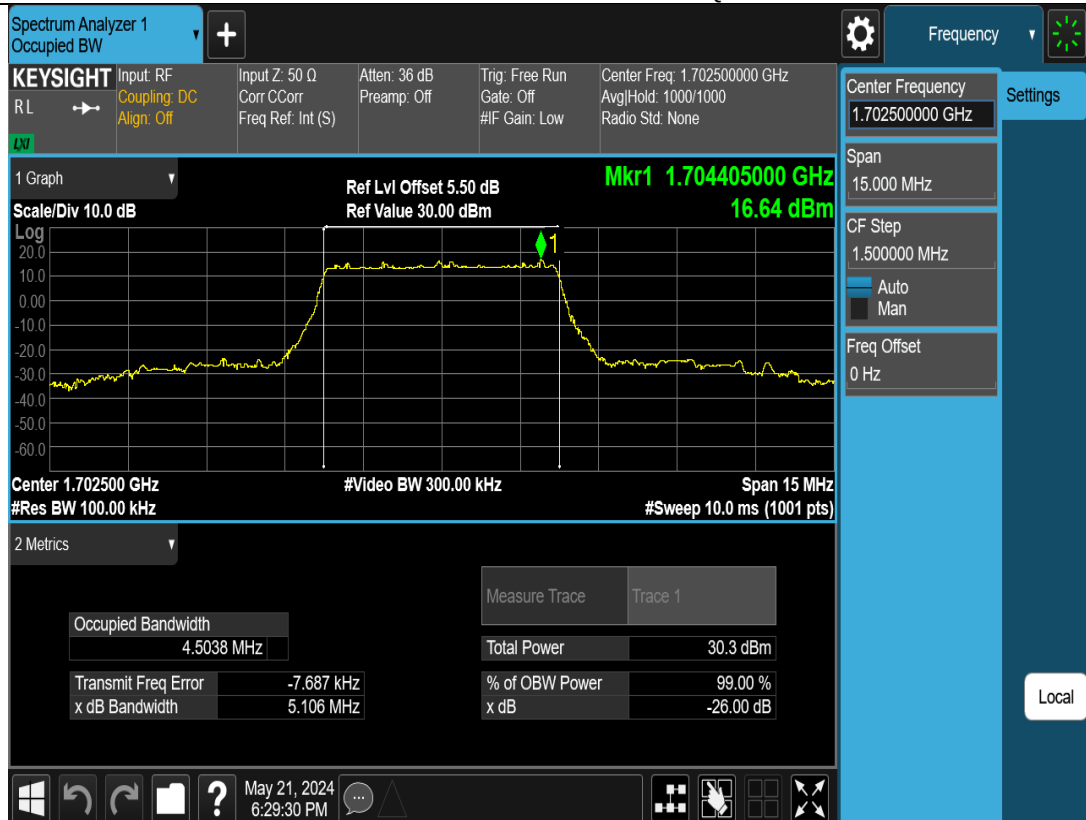


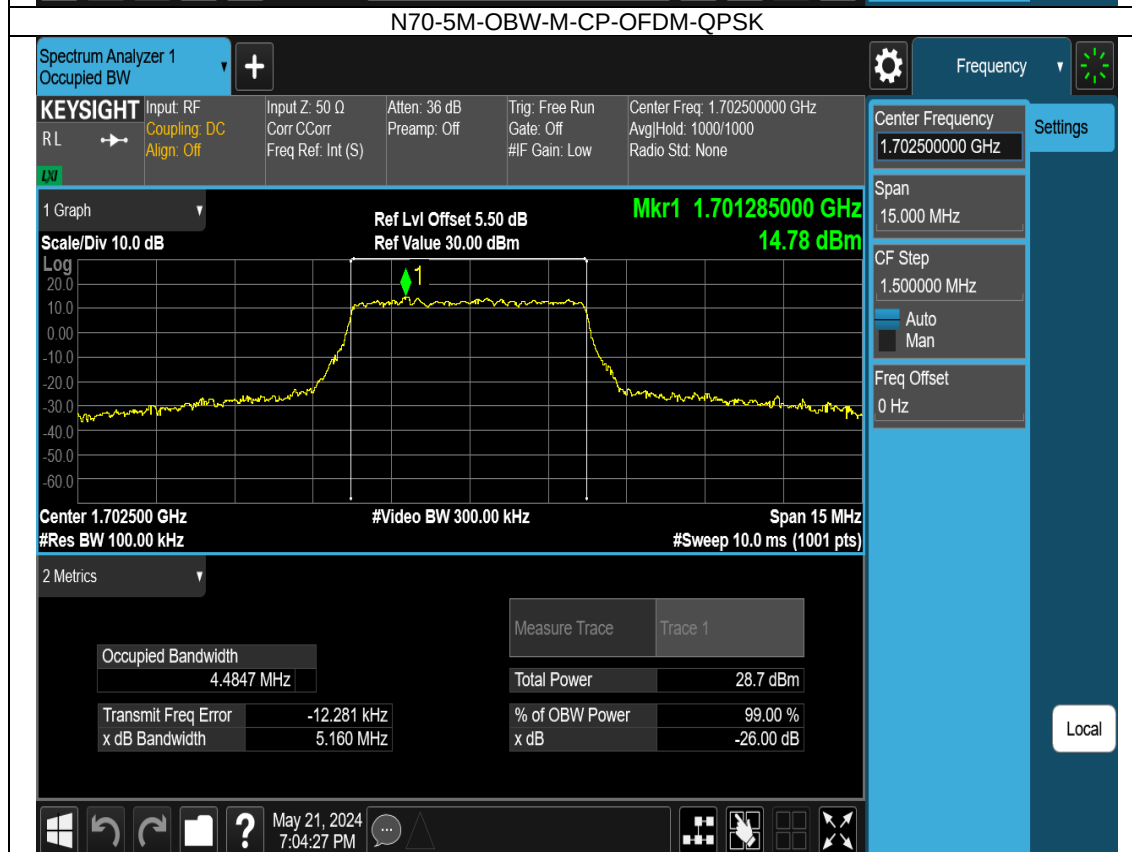
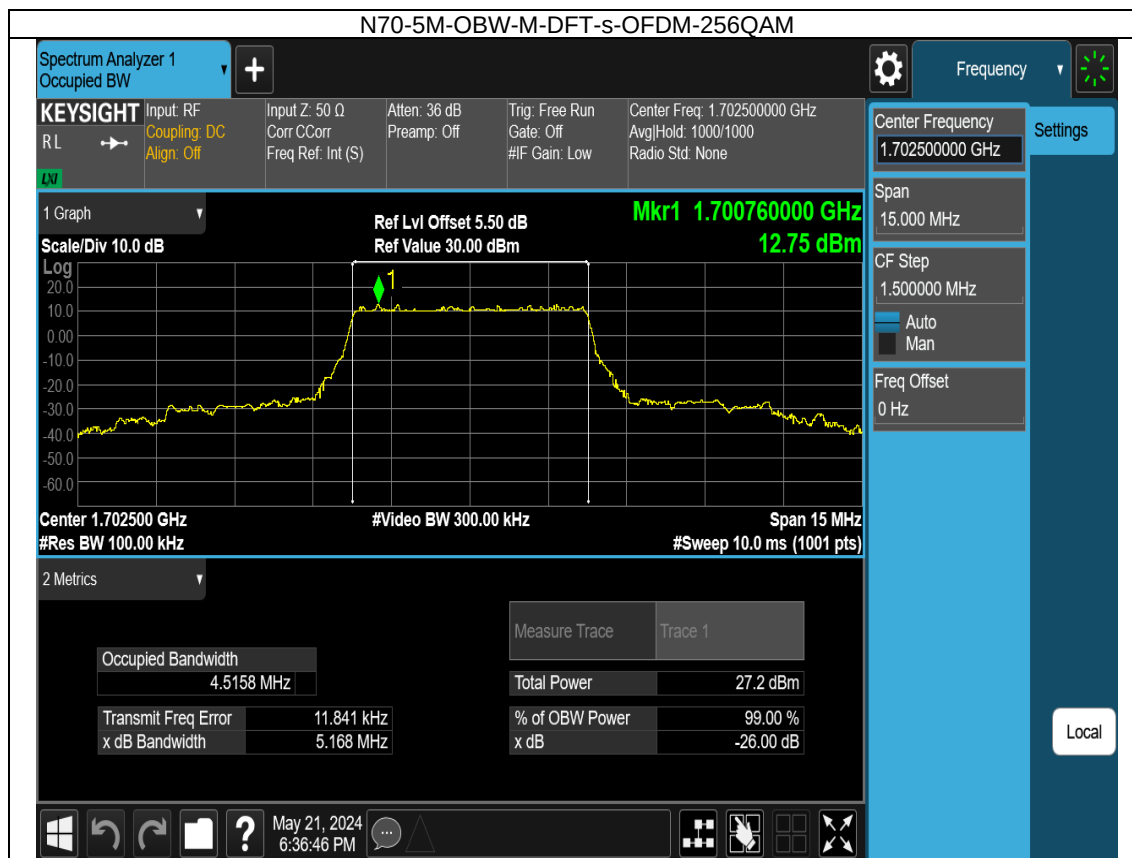


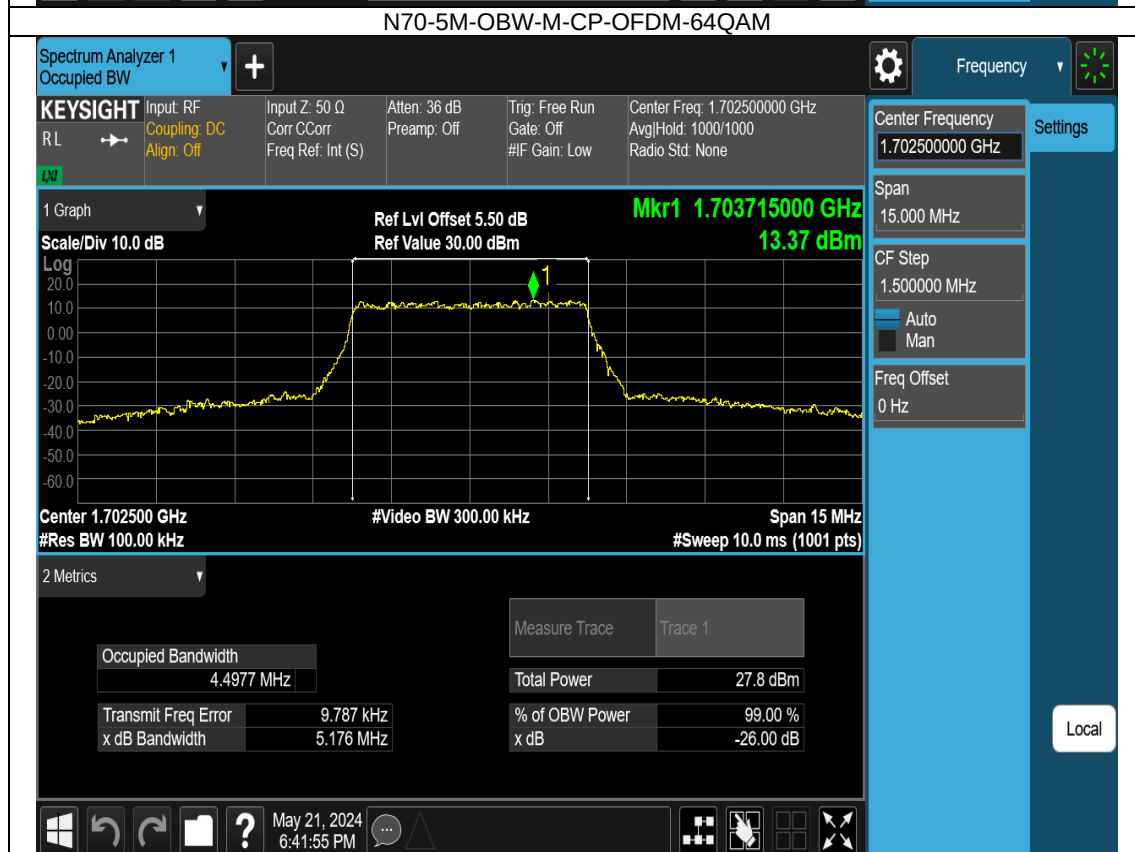
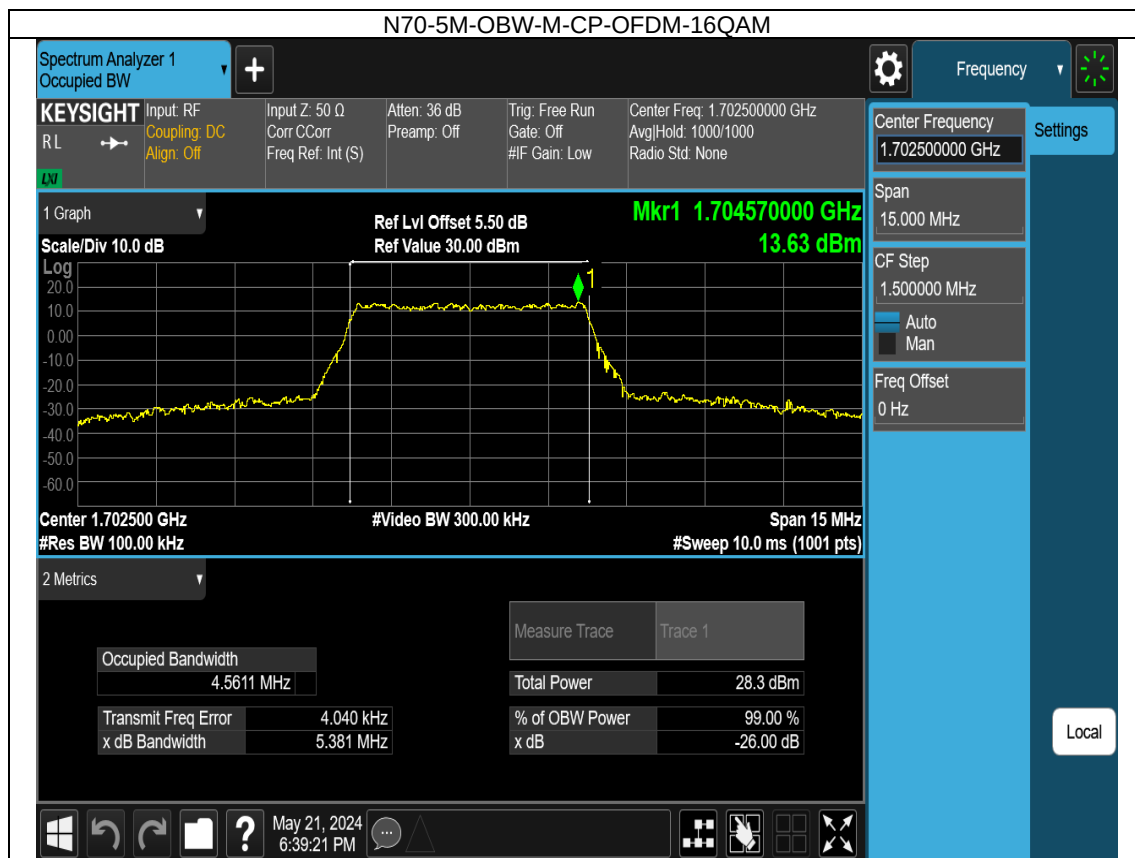
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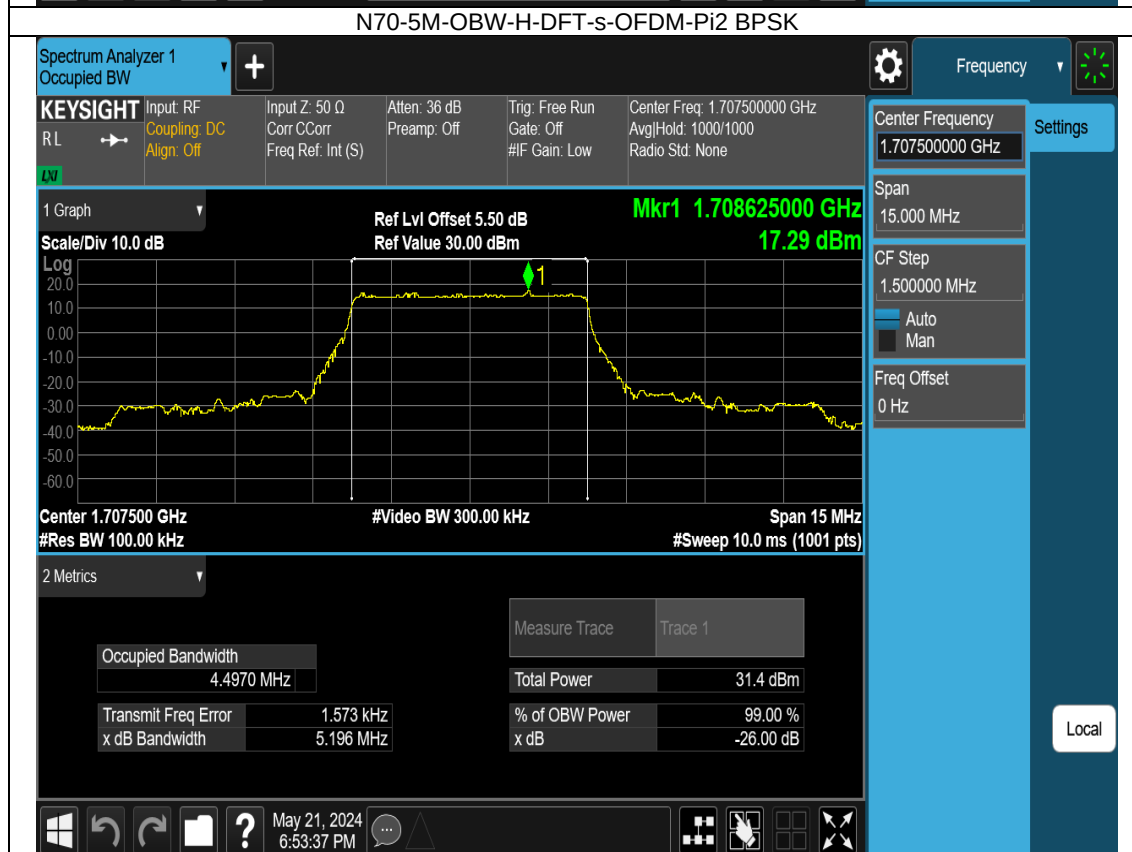
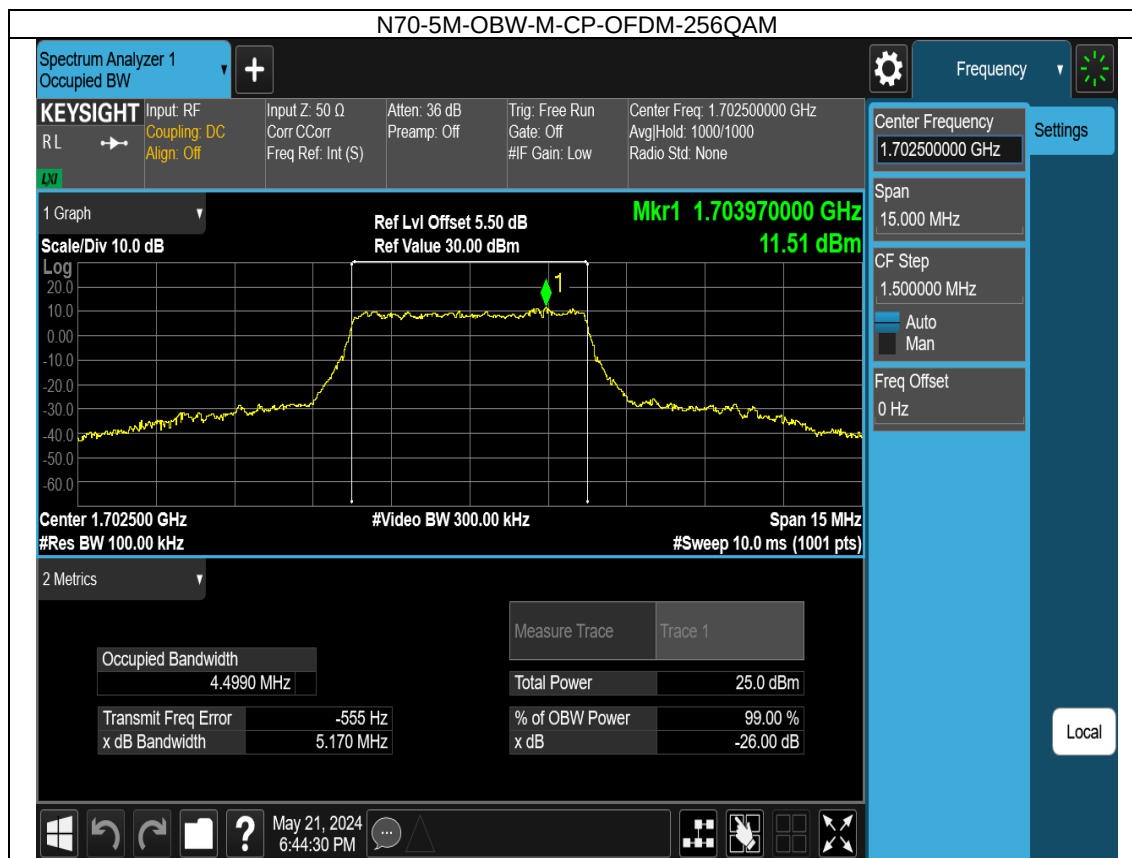


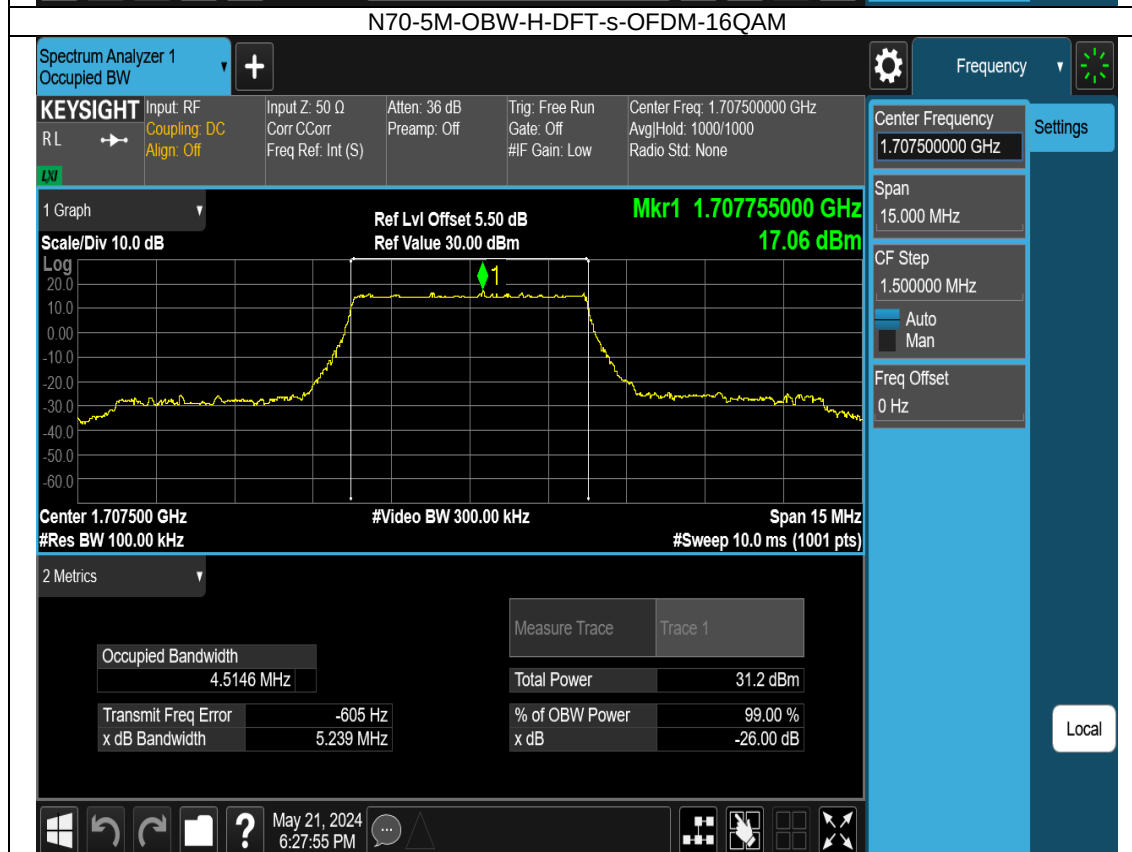
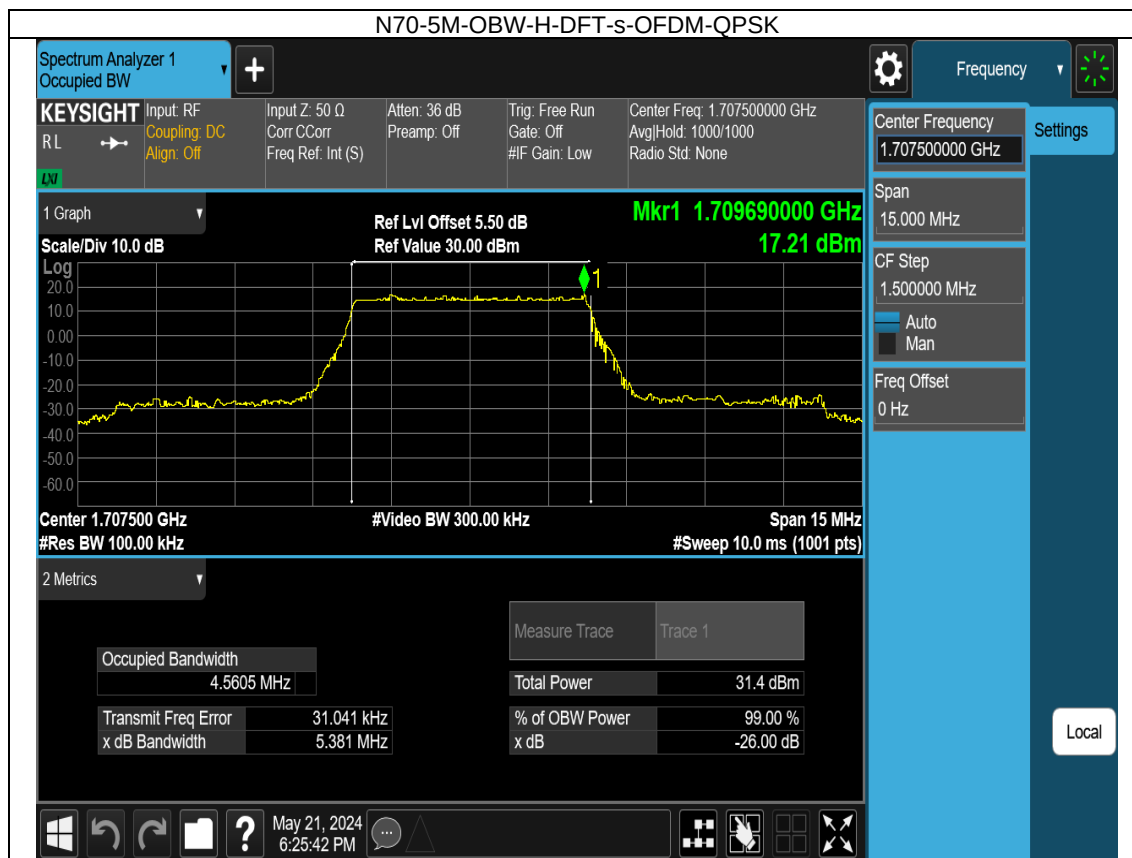
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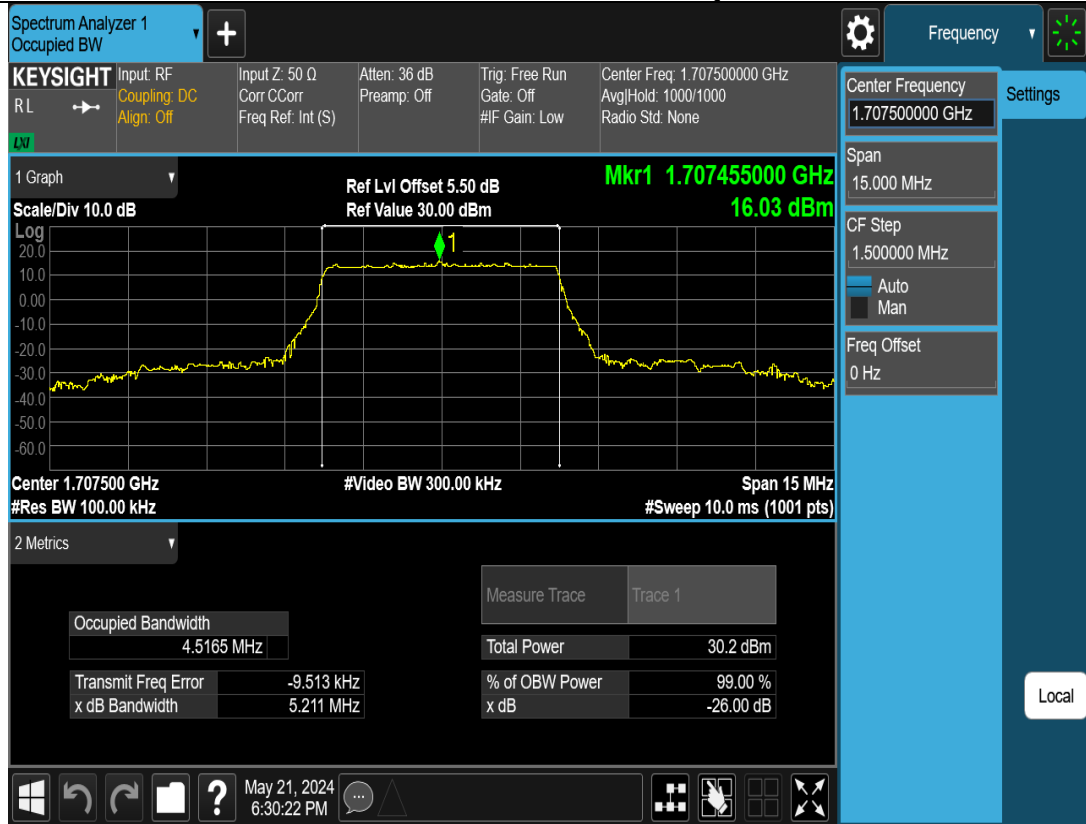




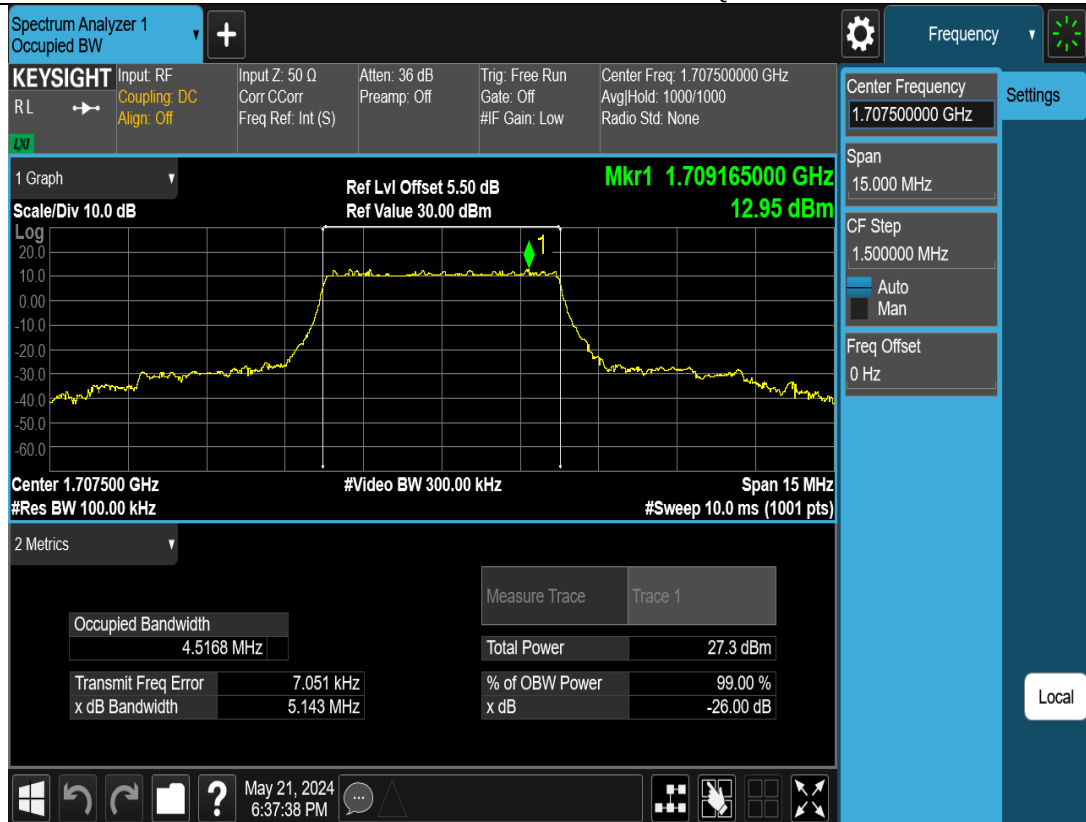


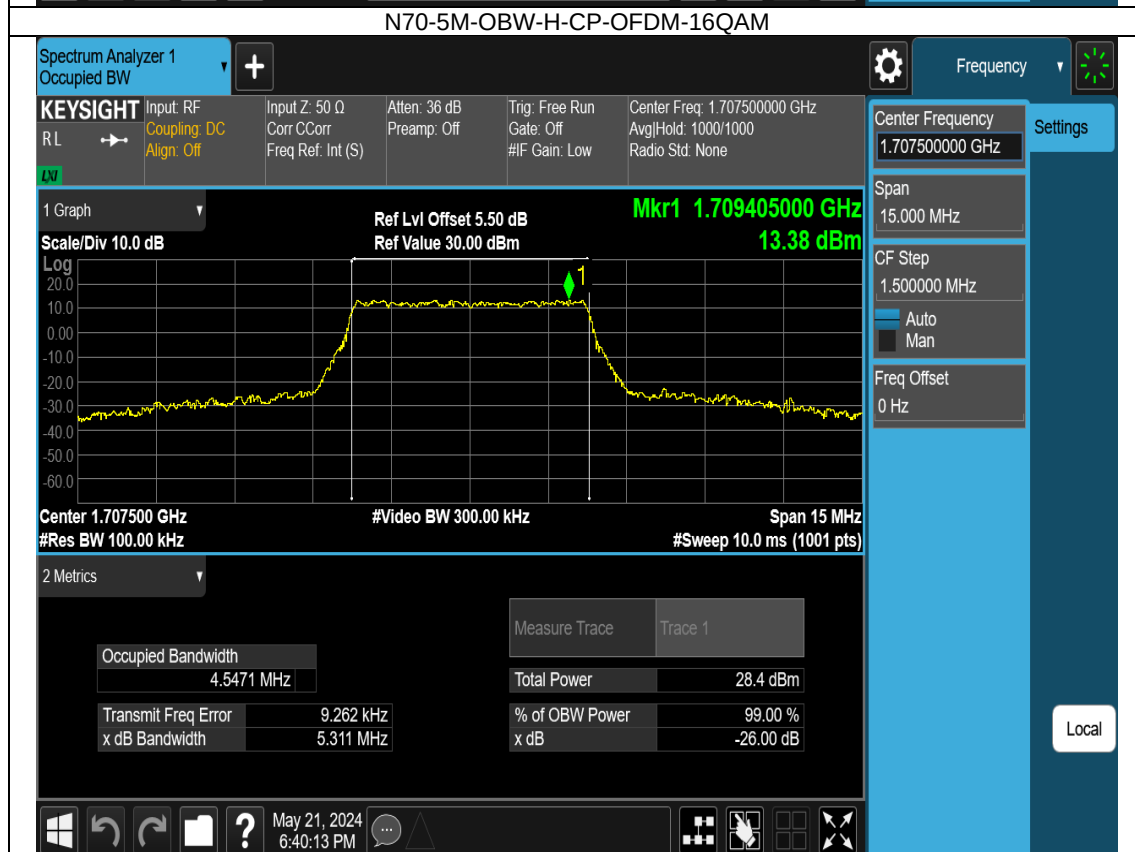
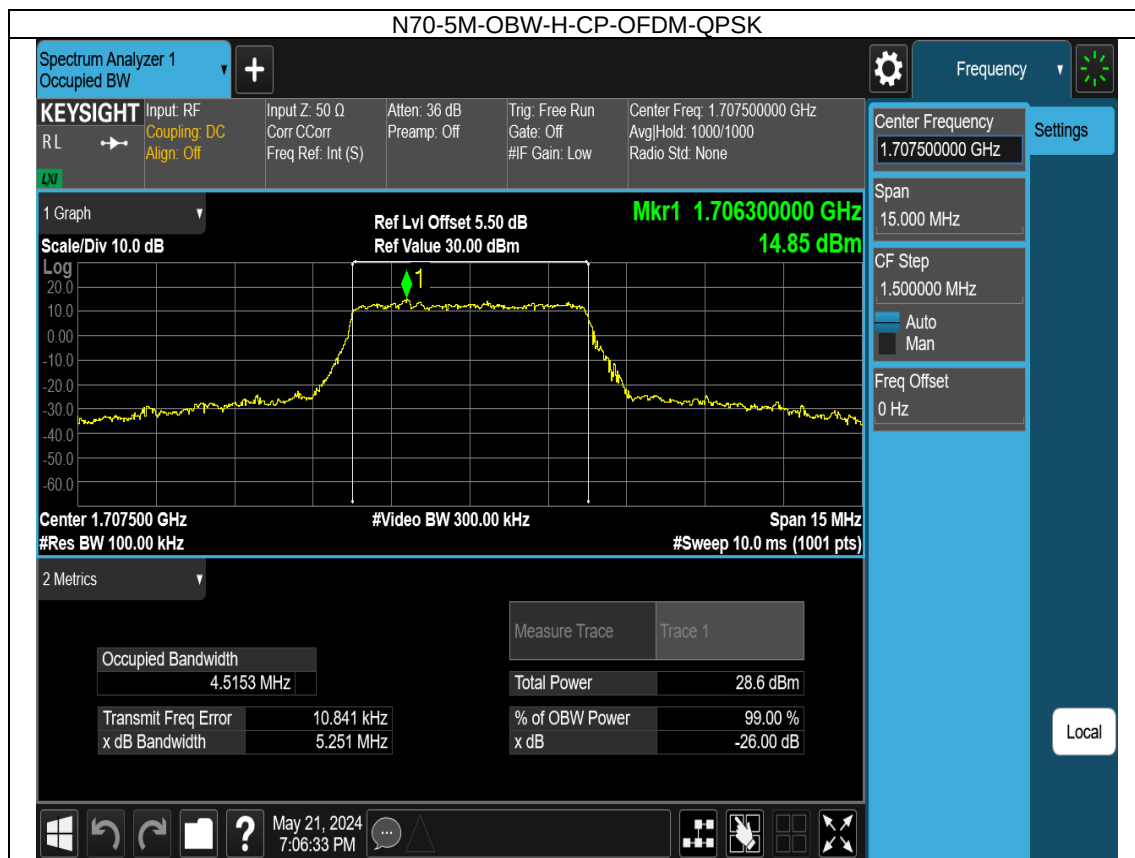


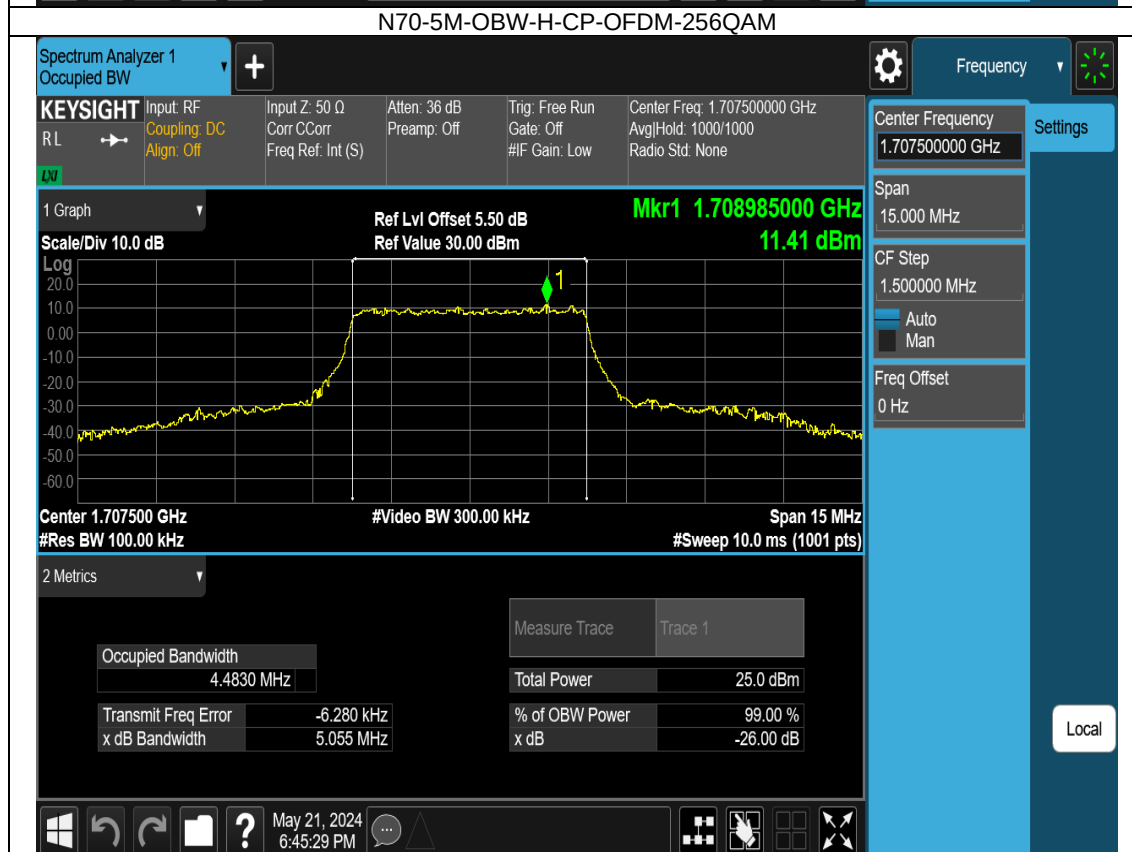
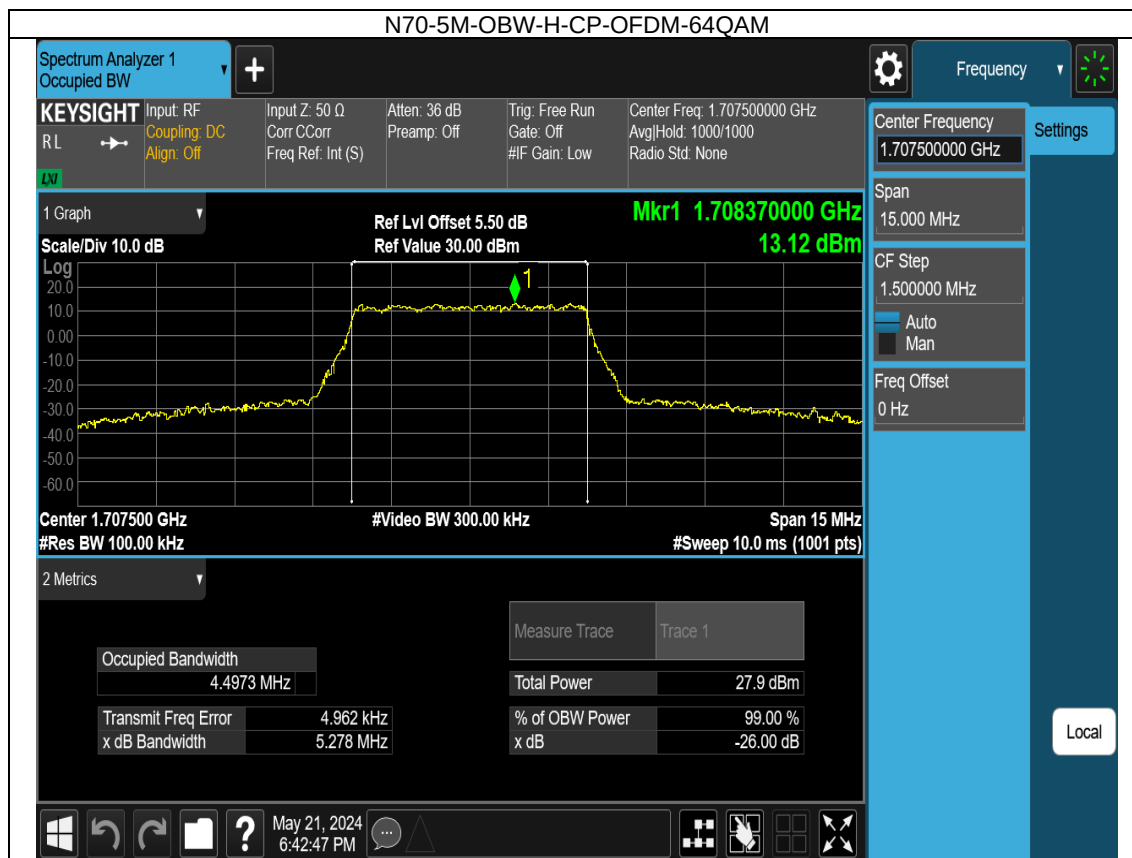
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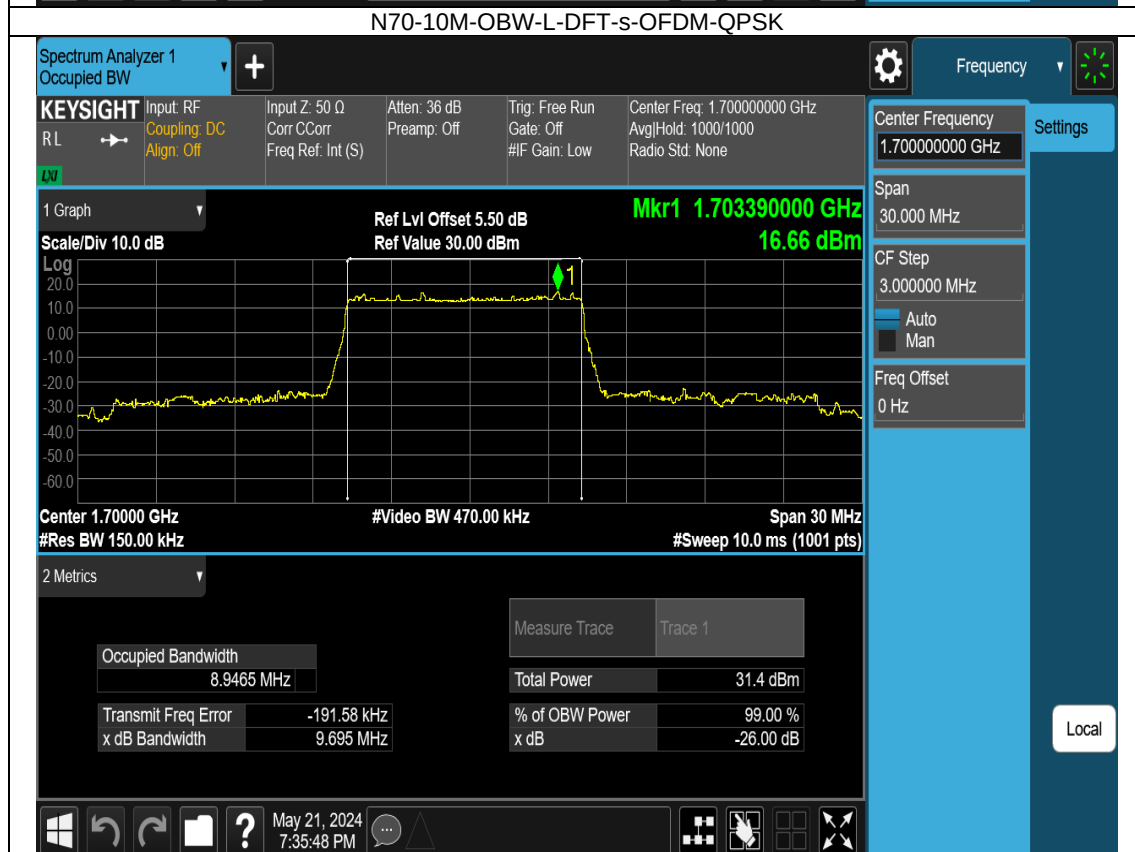
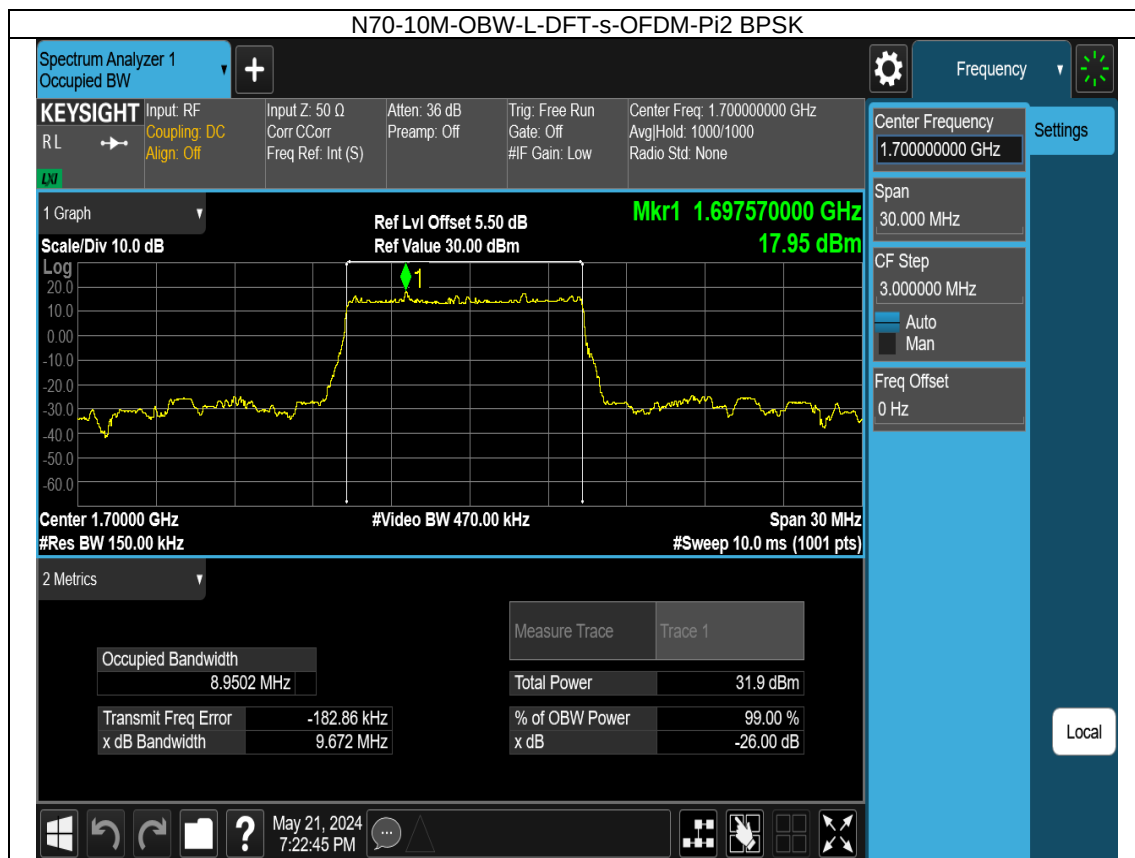


N70-5M-OBW-H-DFT-s-OFDM-256QAM

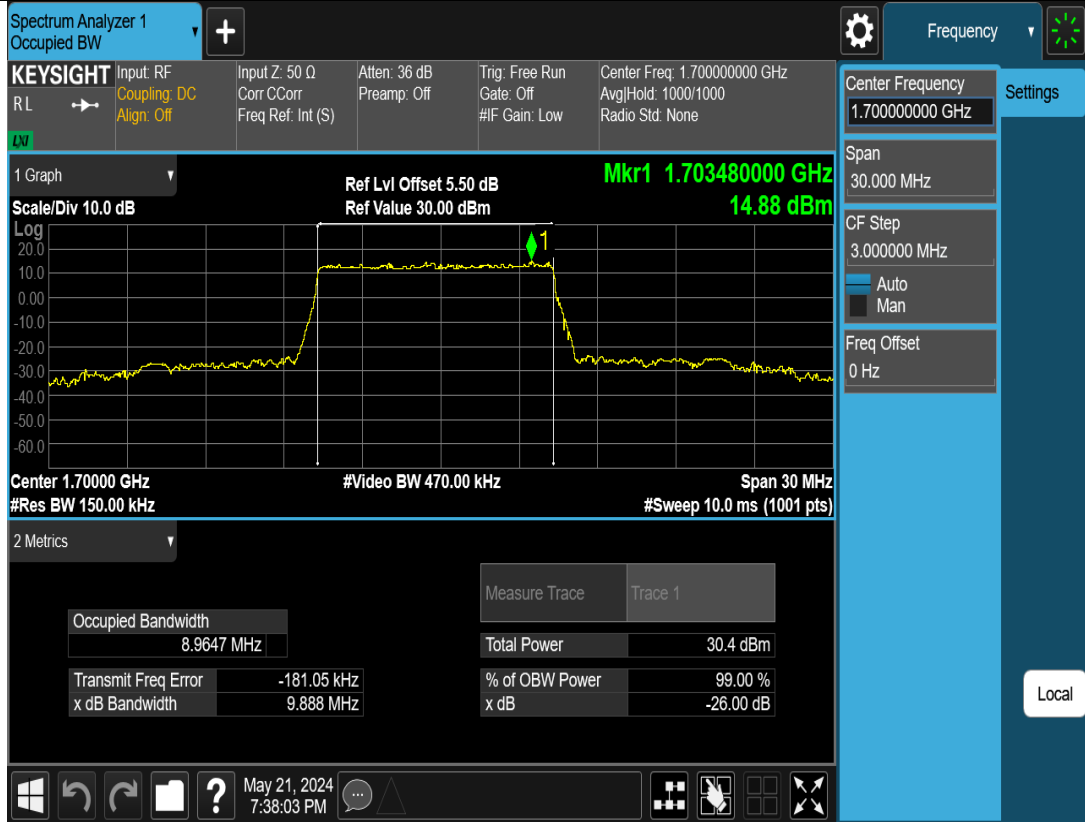




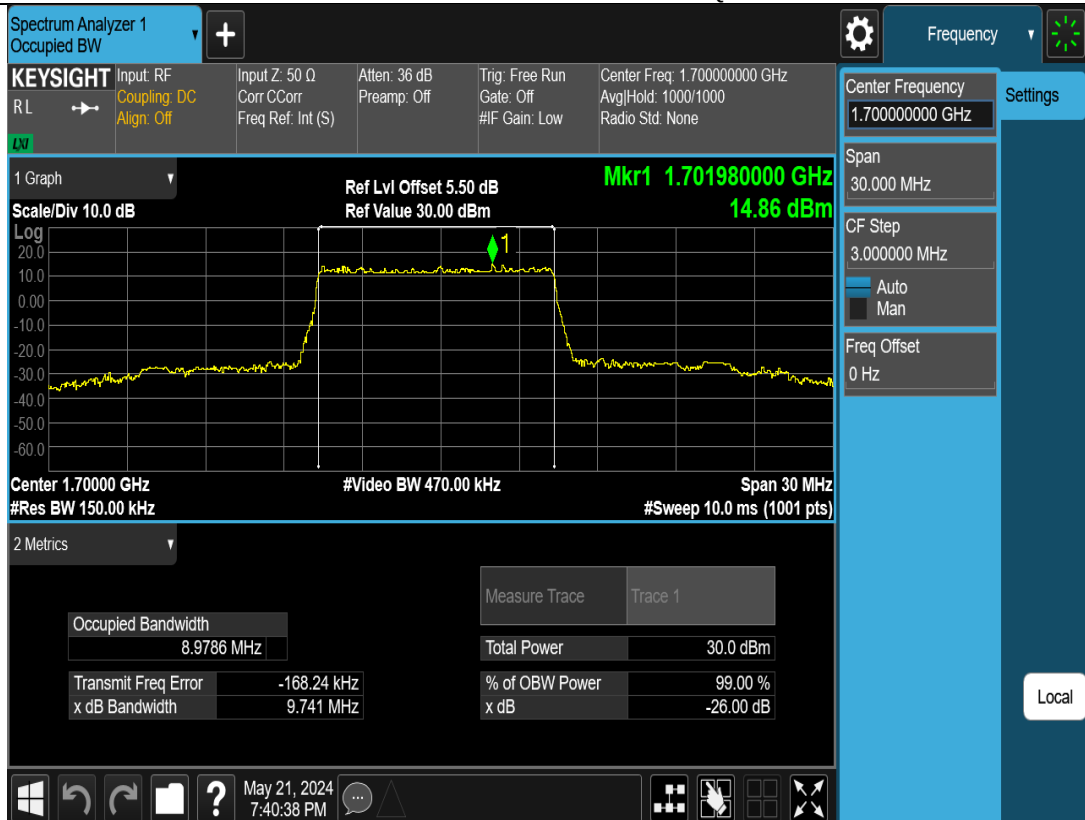


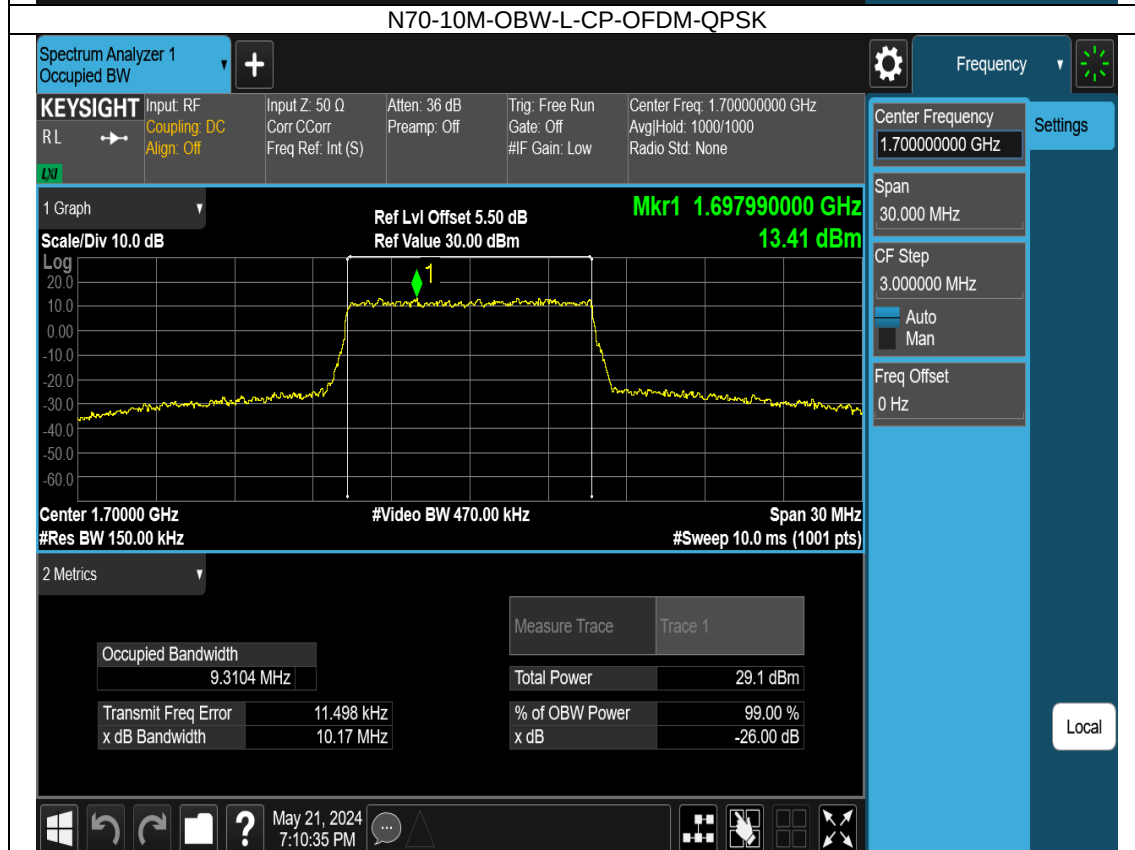
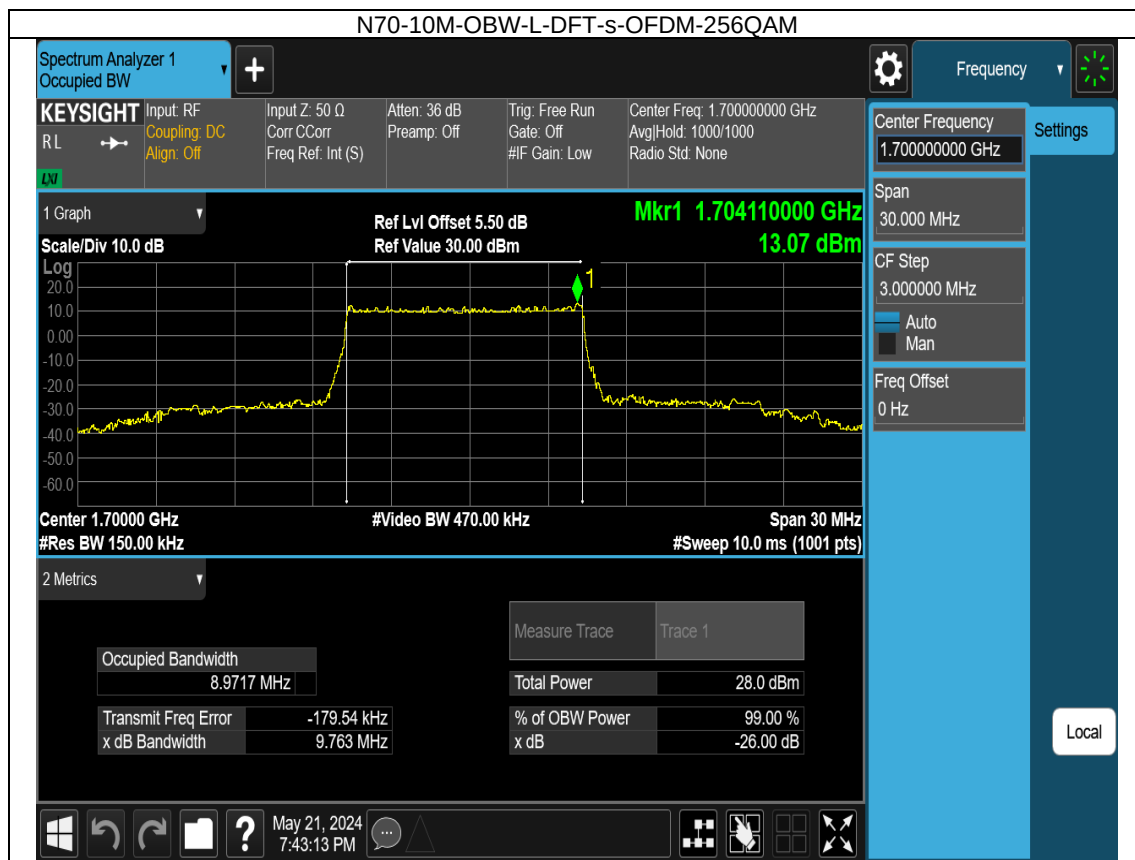


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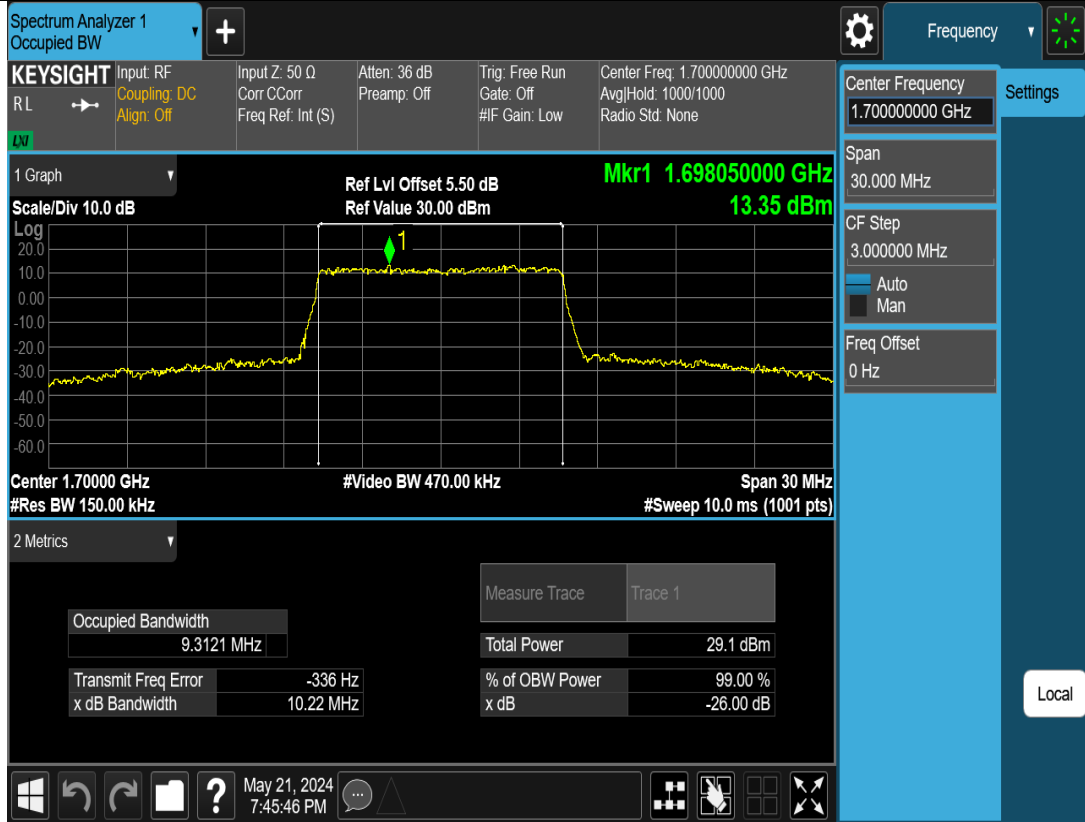


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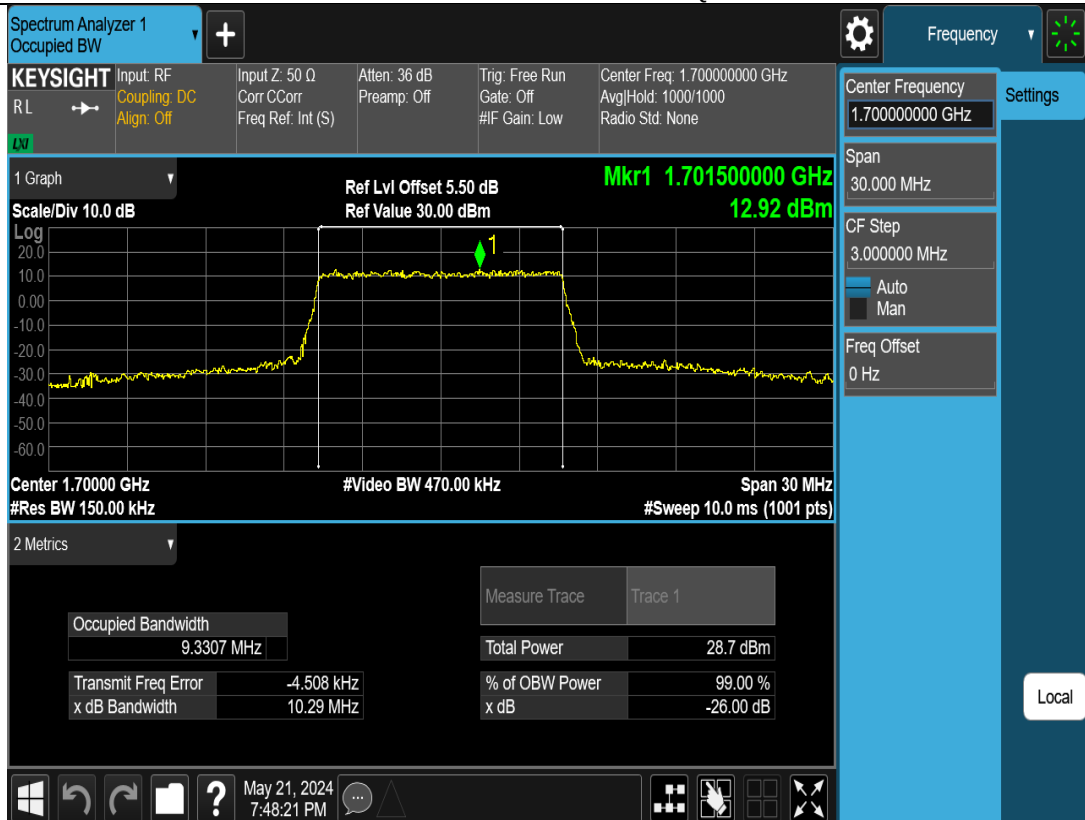




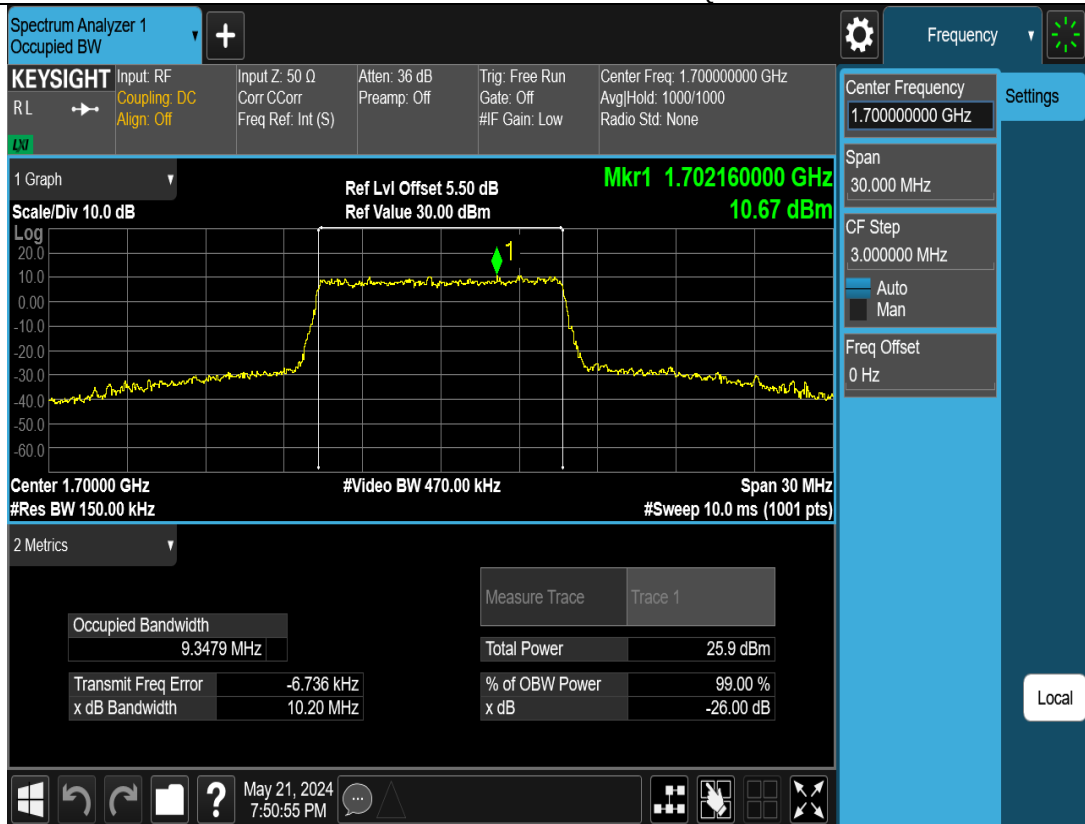
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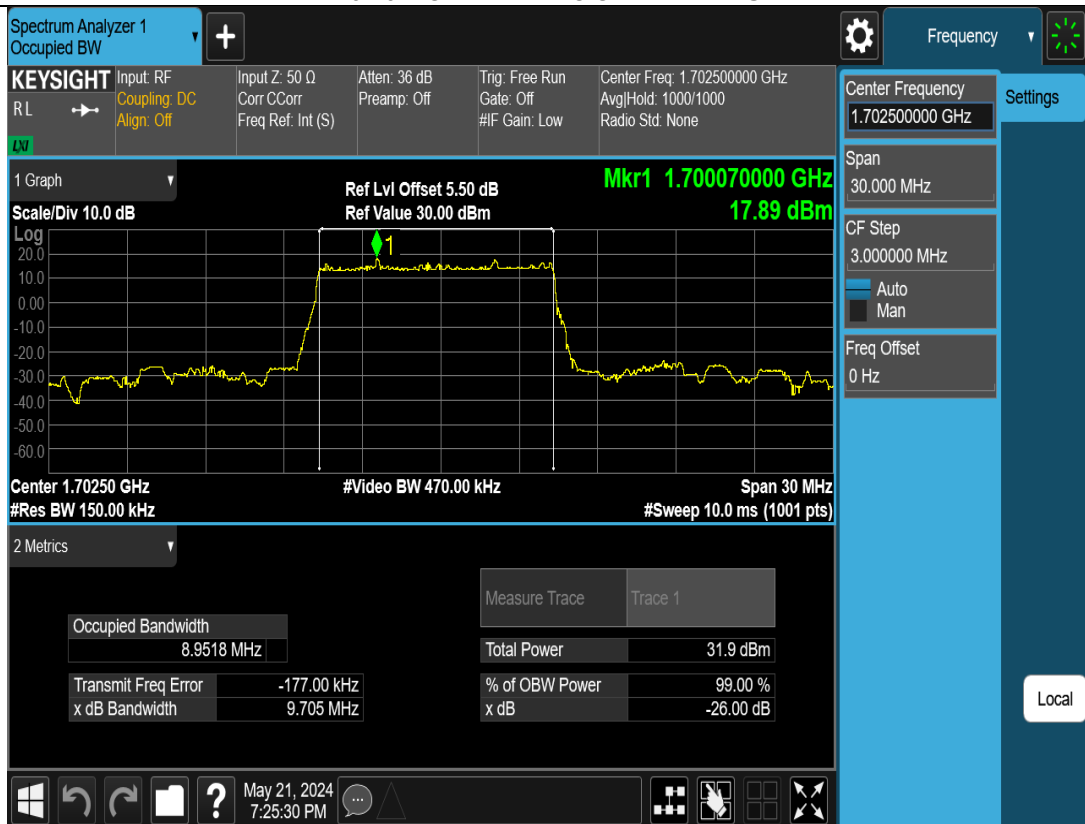
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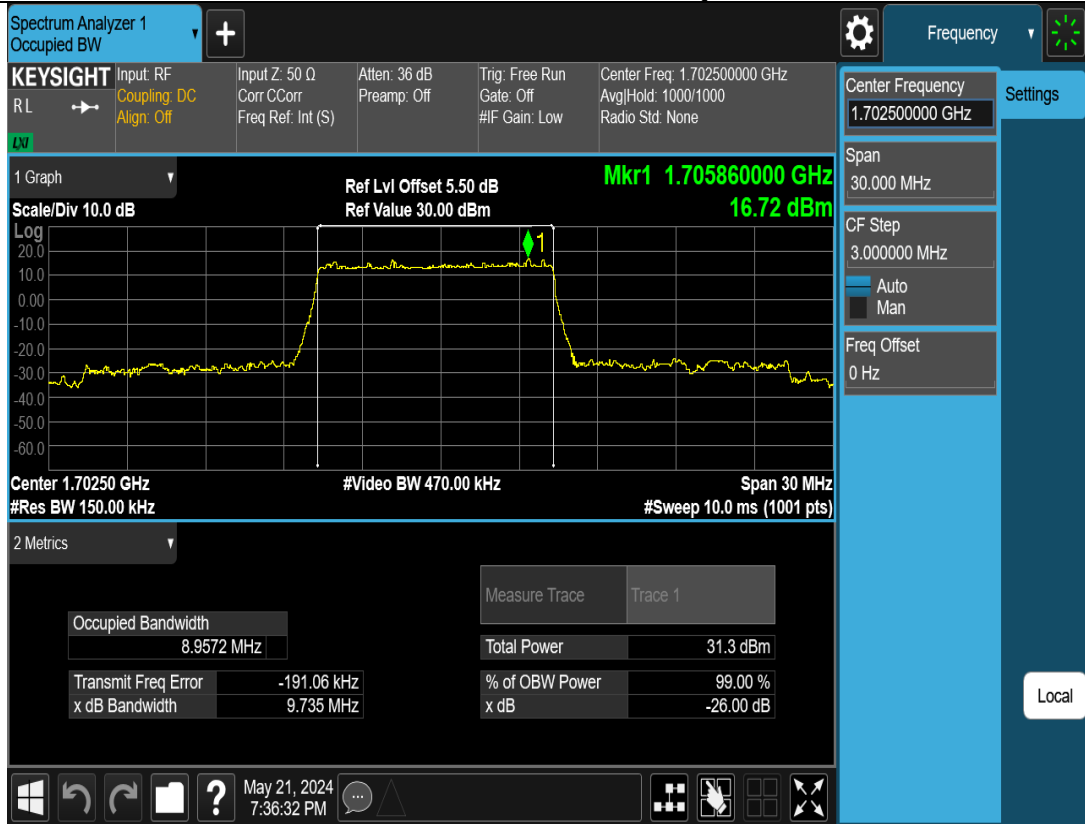
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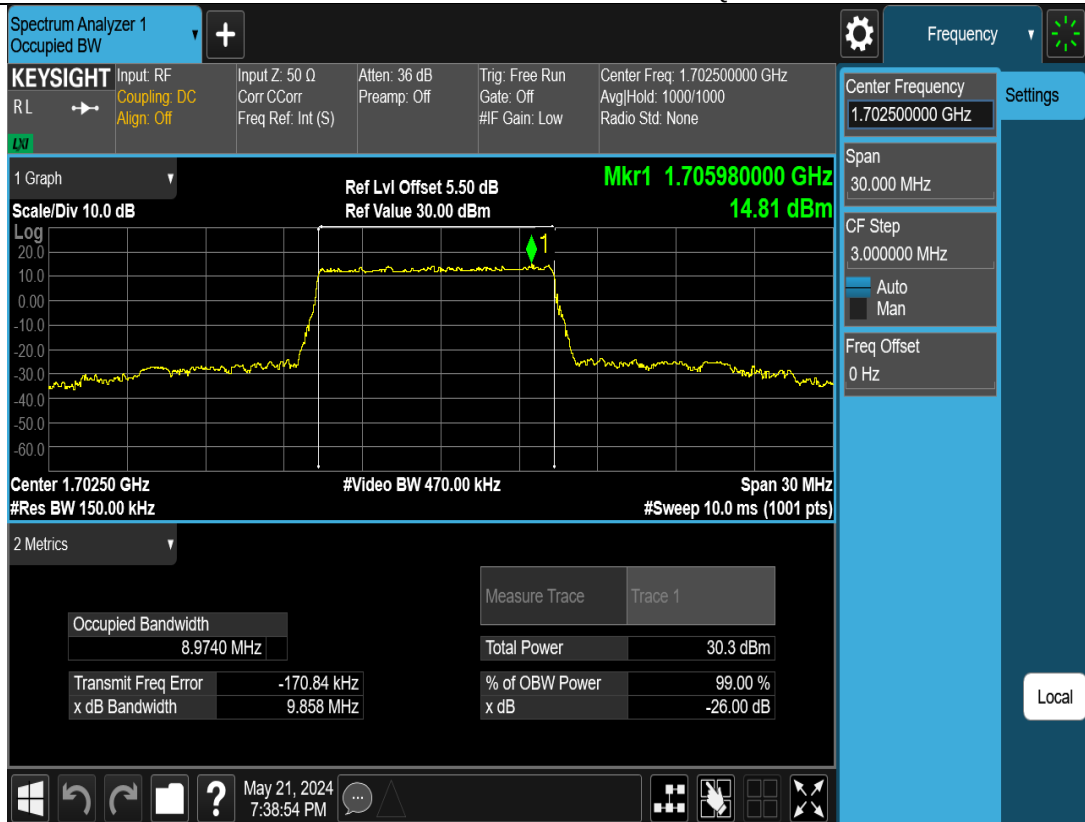
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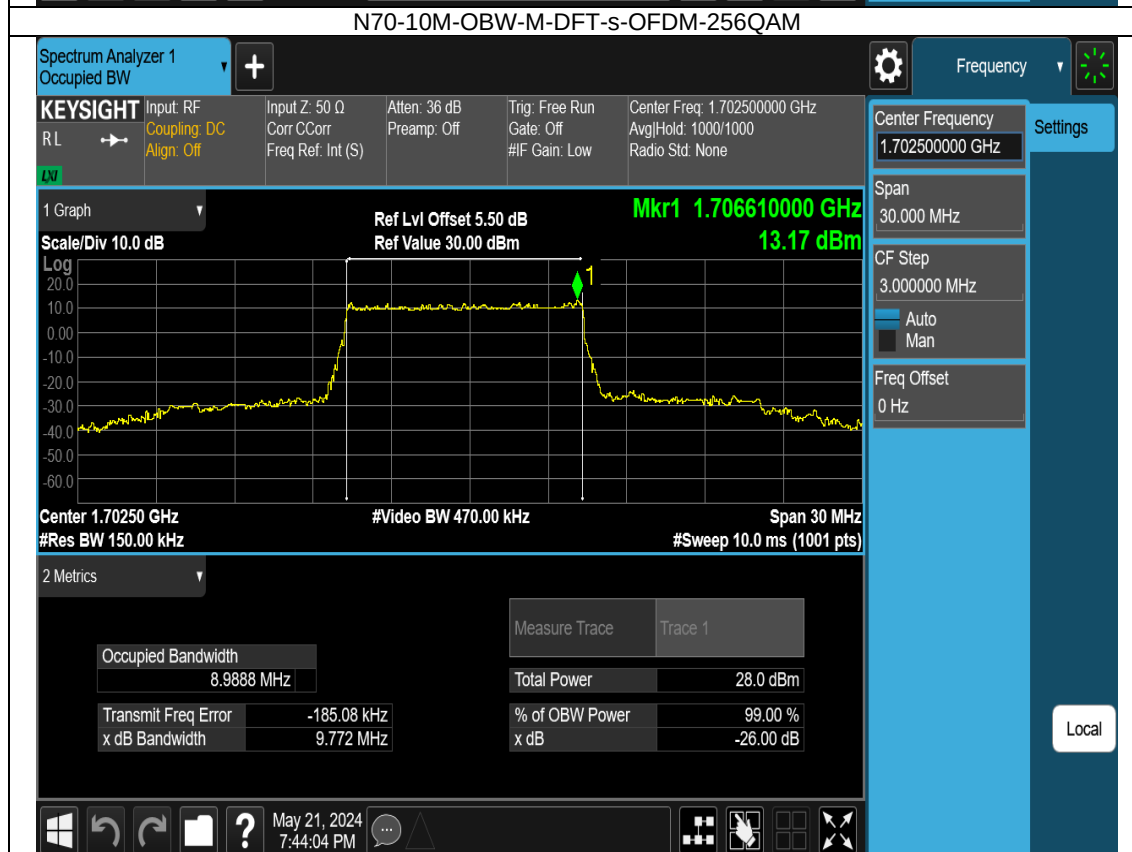
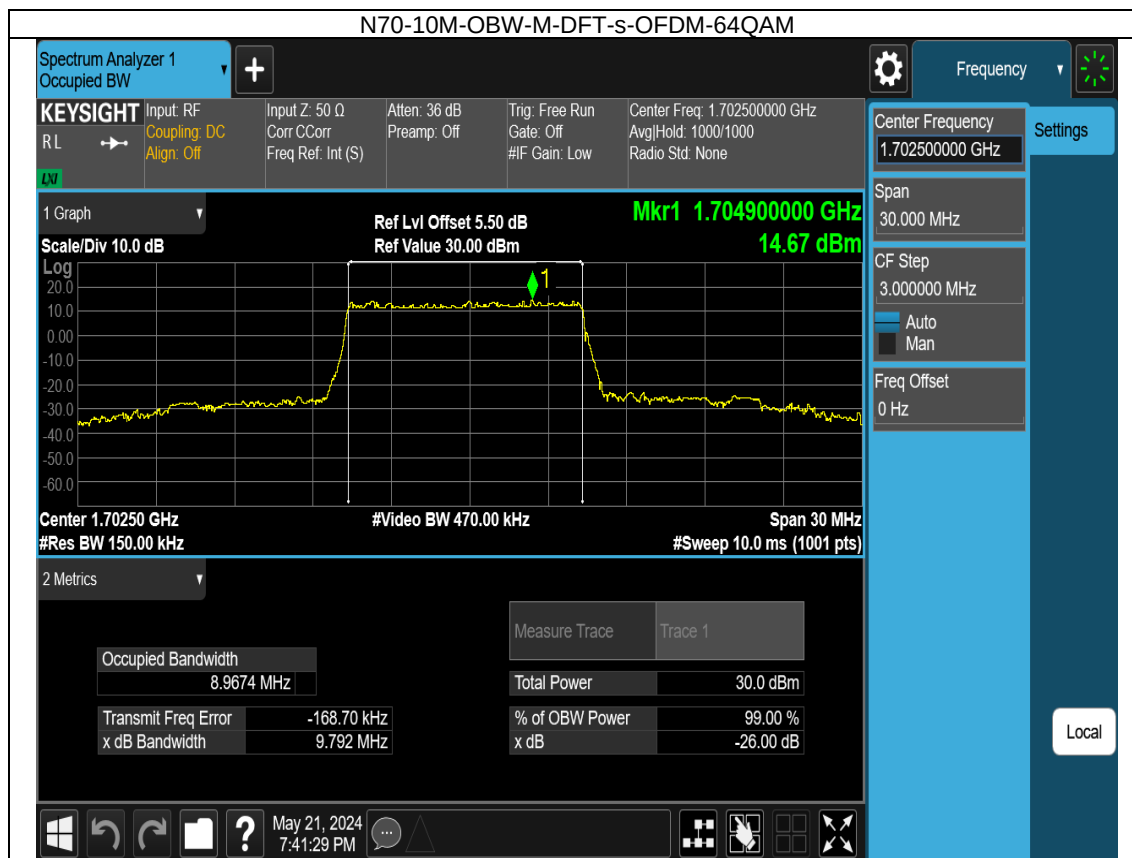


N70-10M-OBW-M-DFT-s-OFDM-QPSK

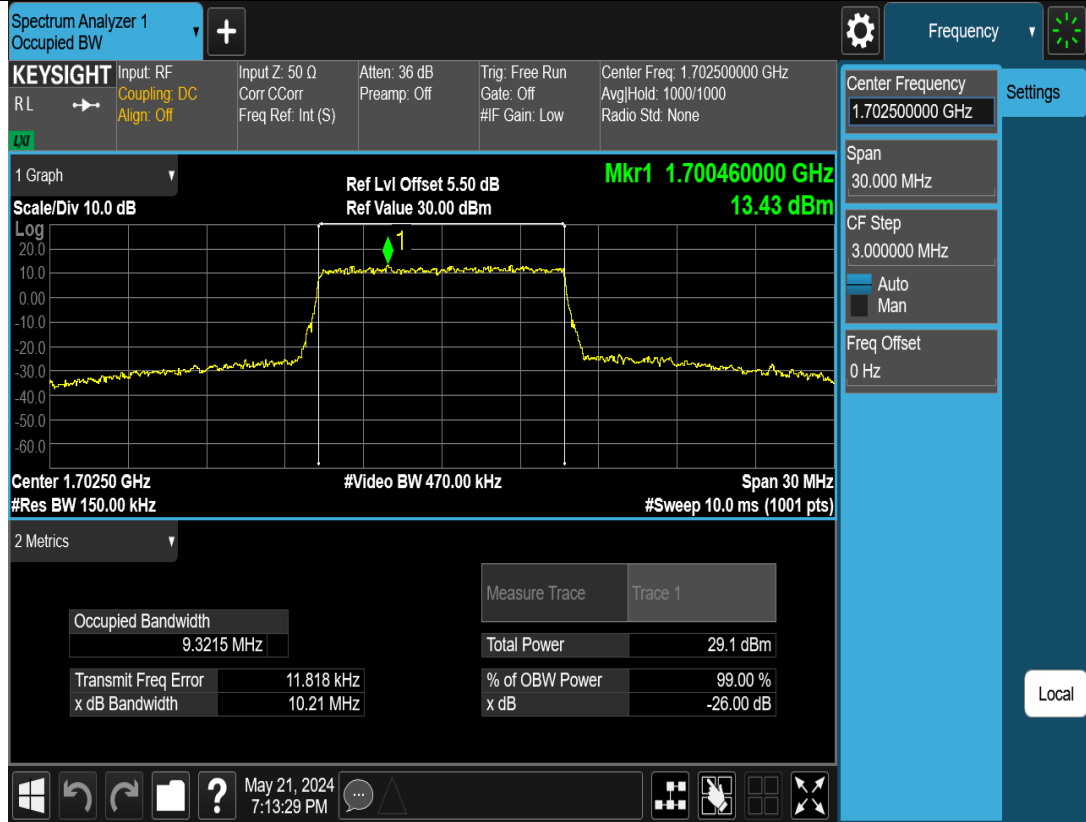


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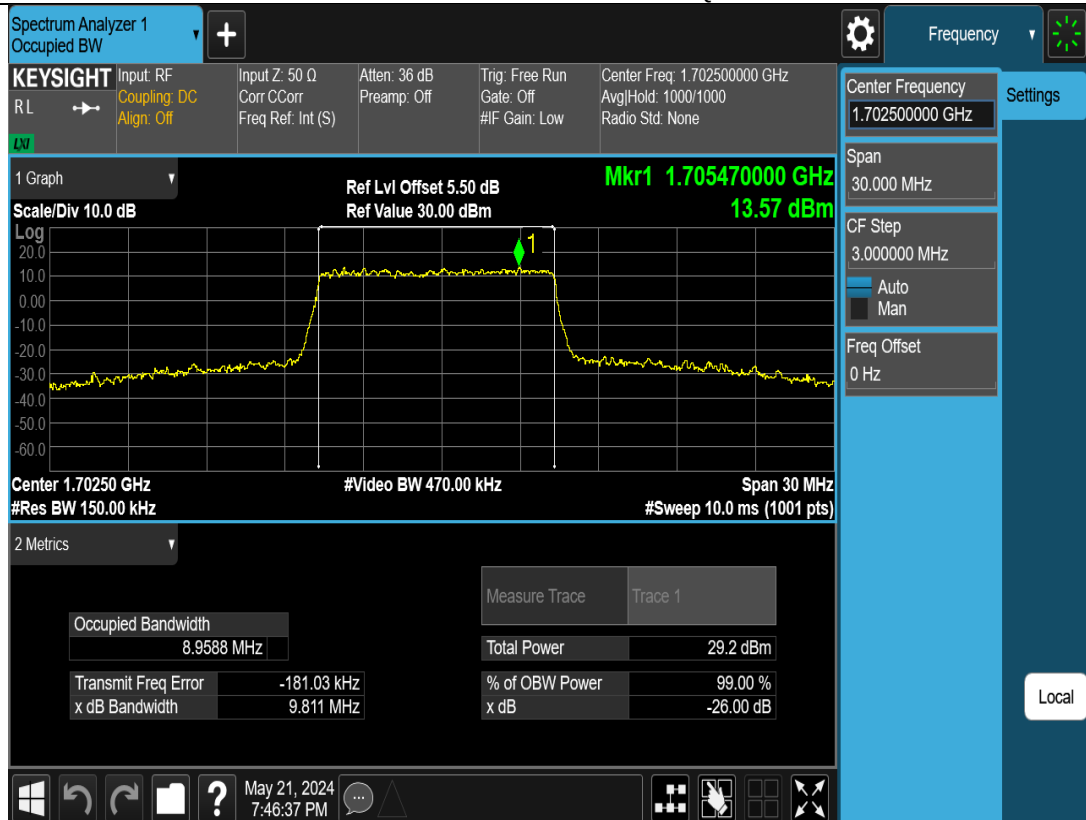




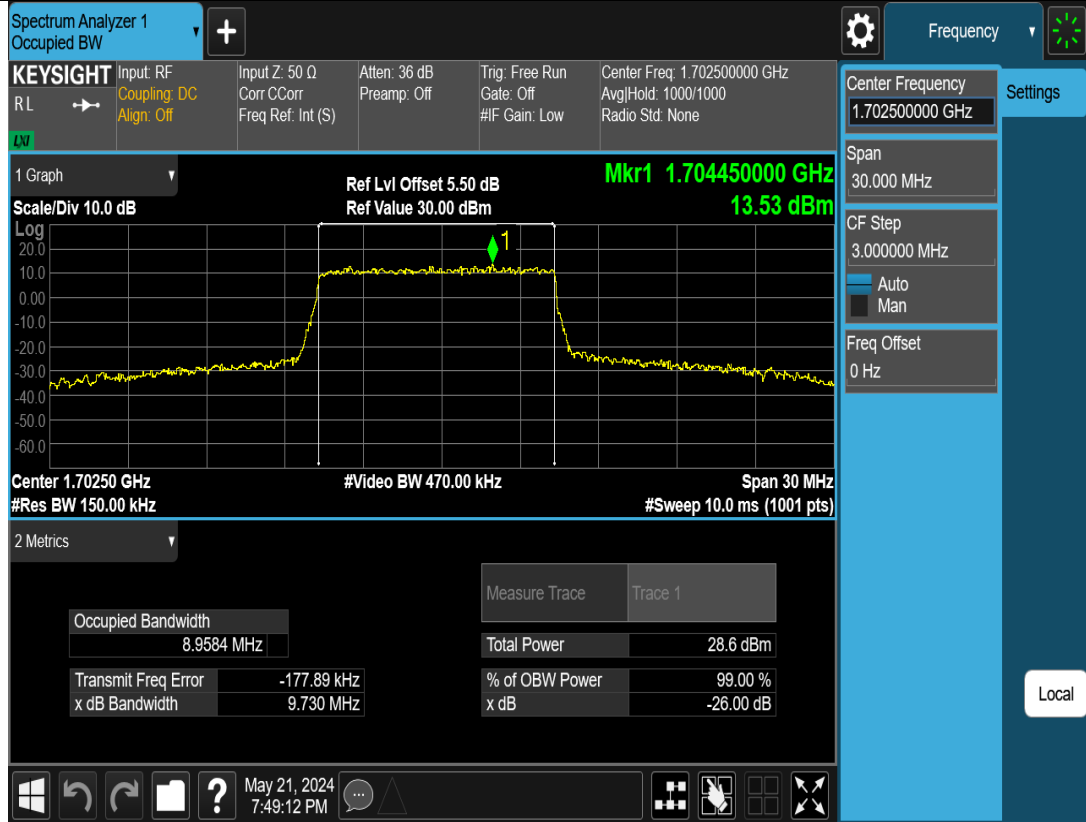
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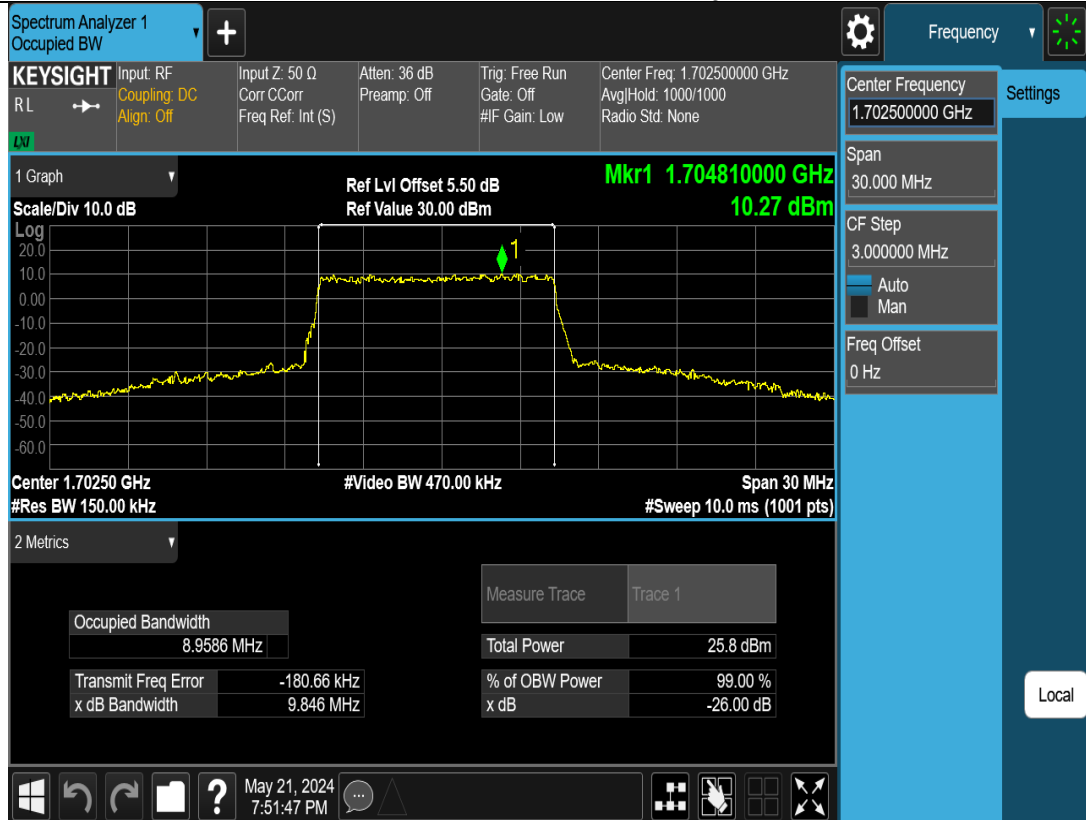
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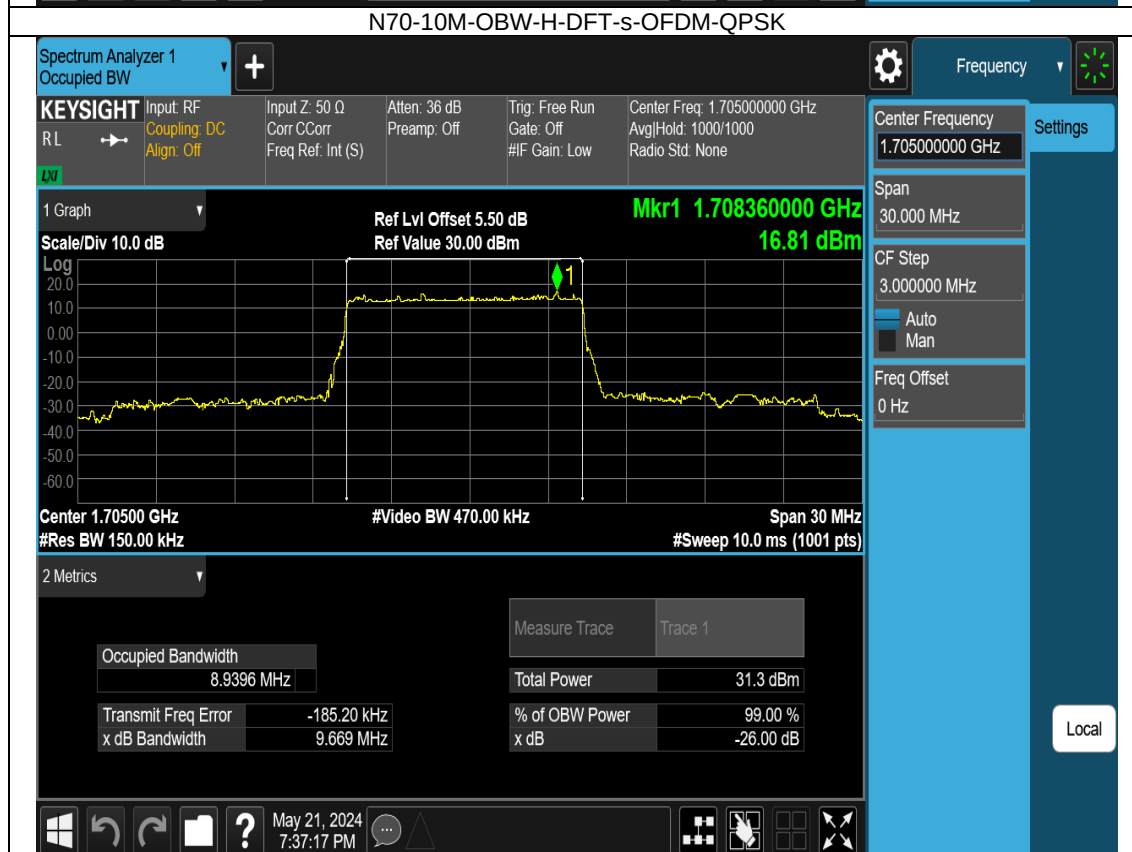
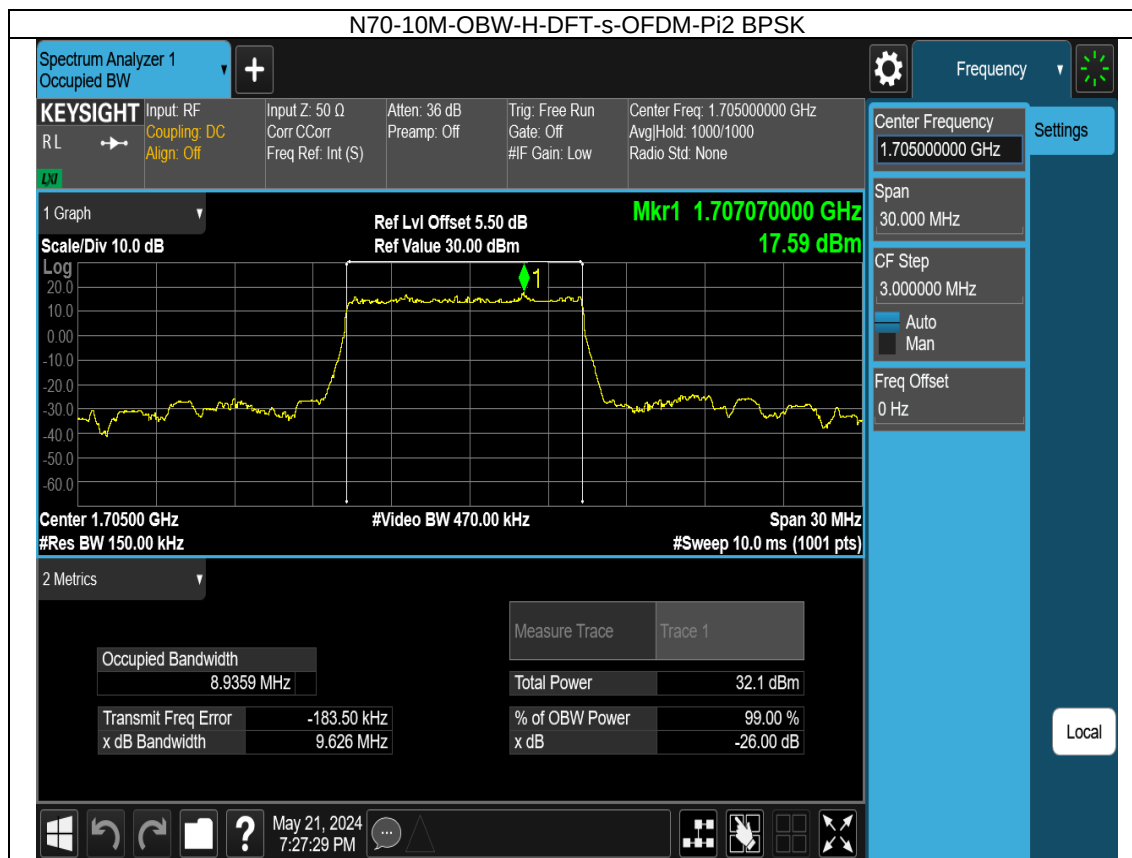


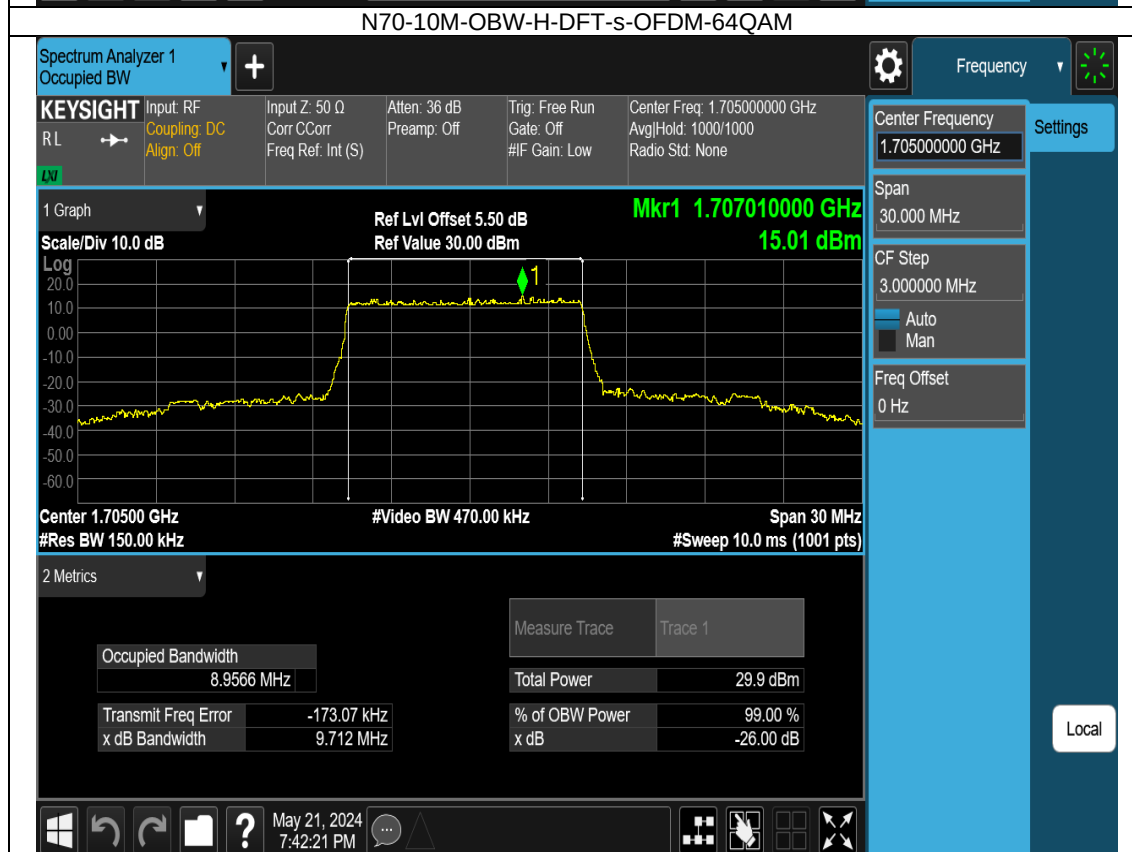
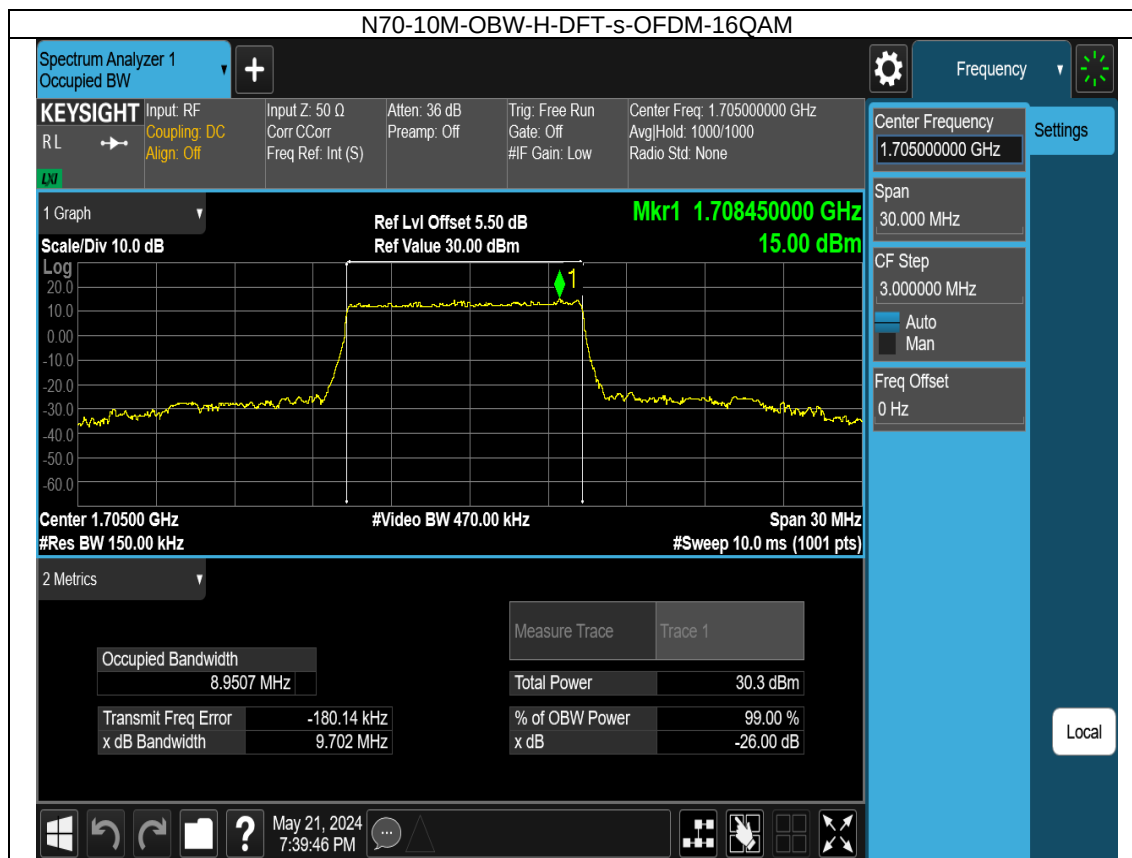
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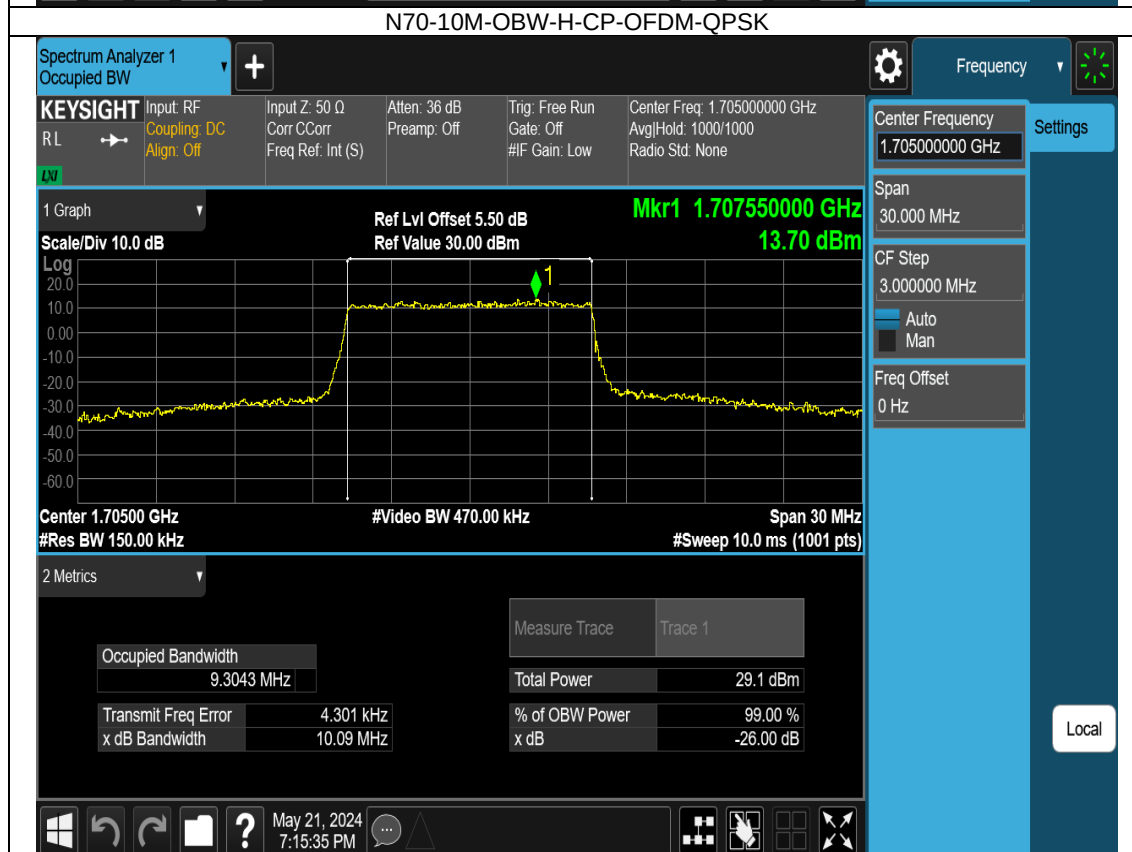
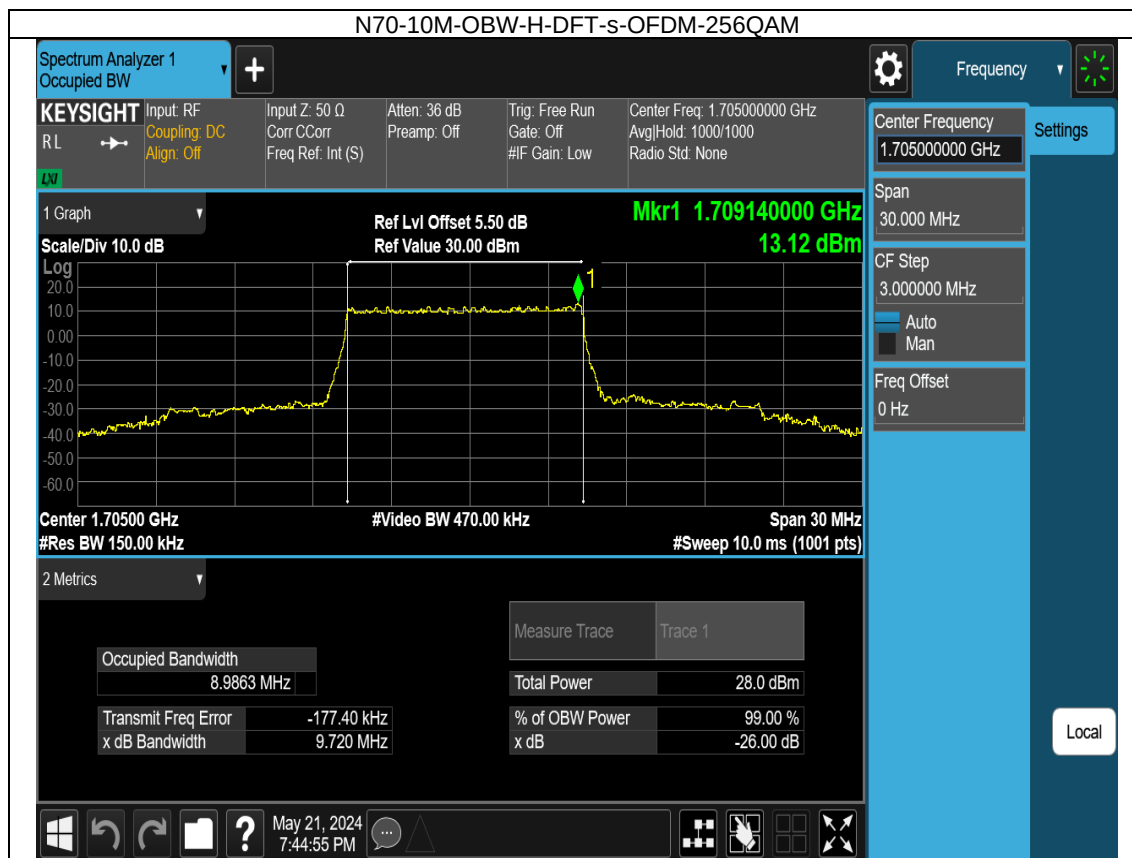


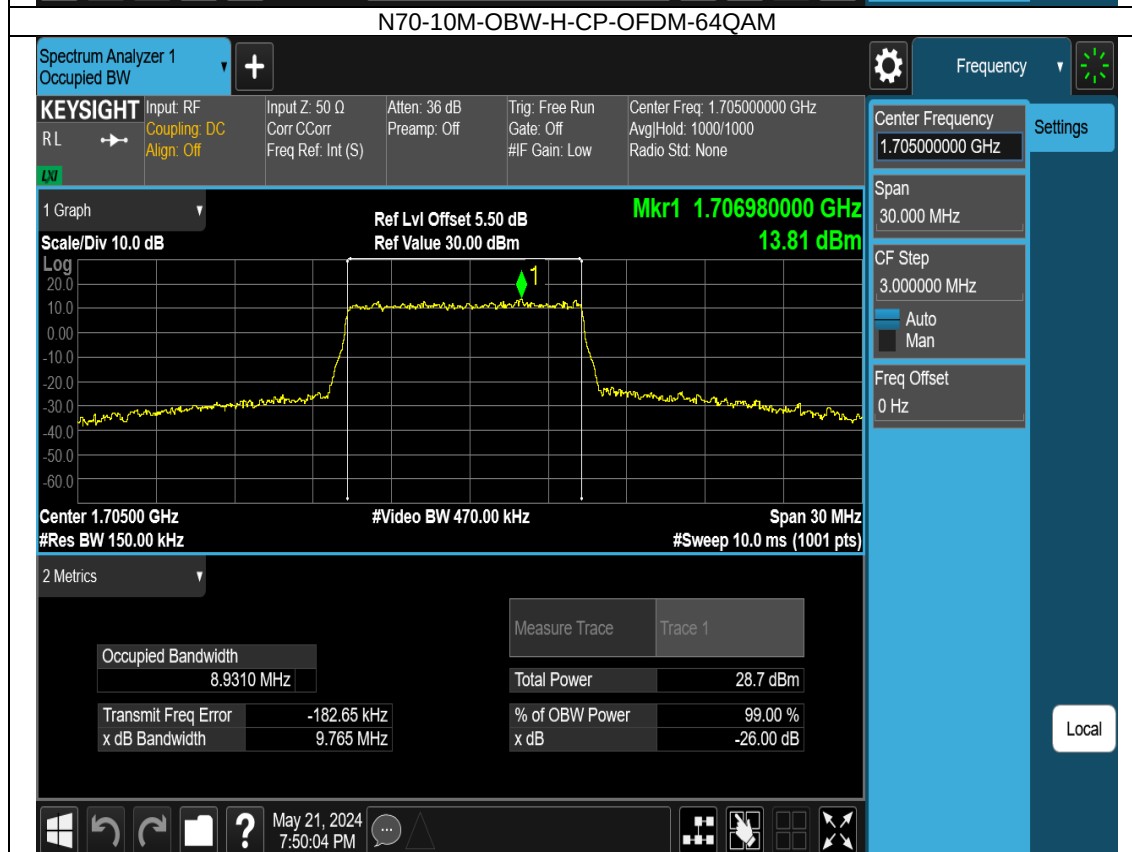
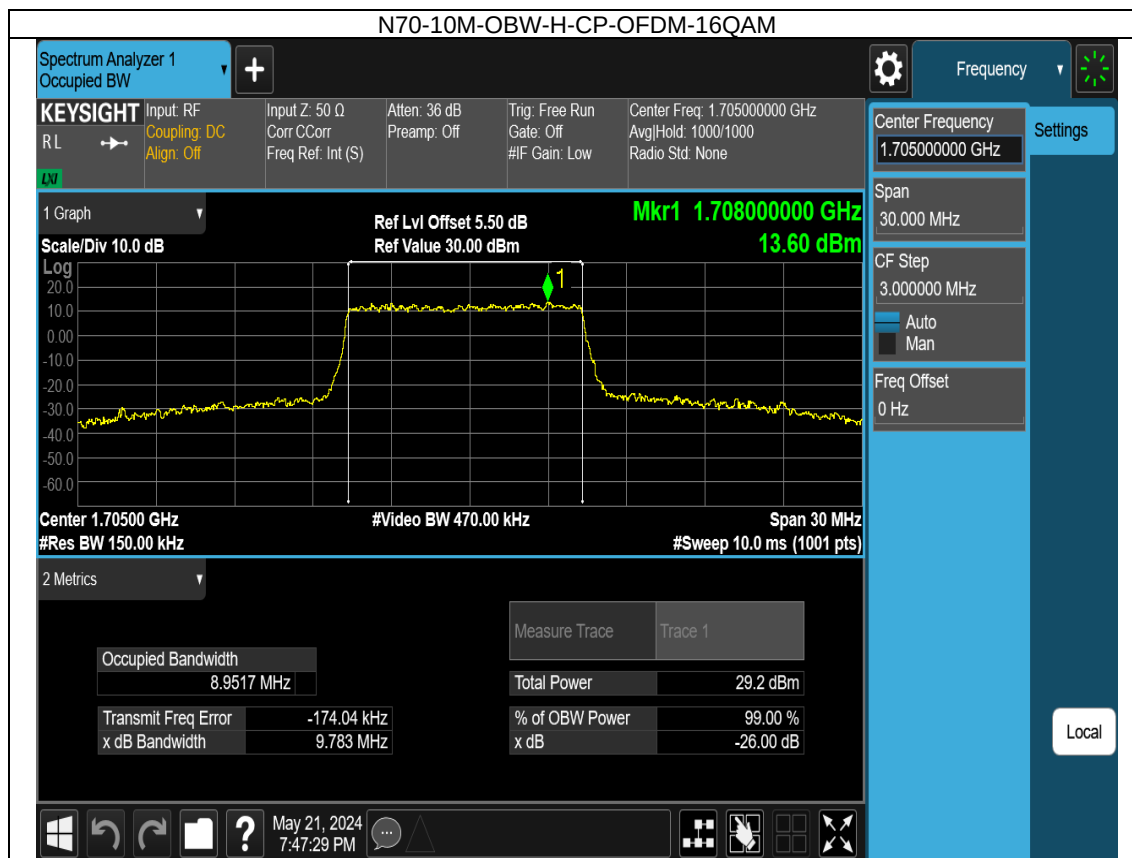
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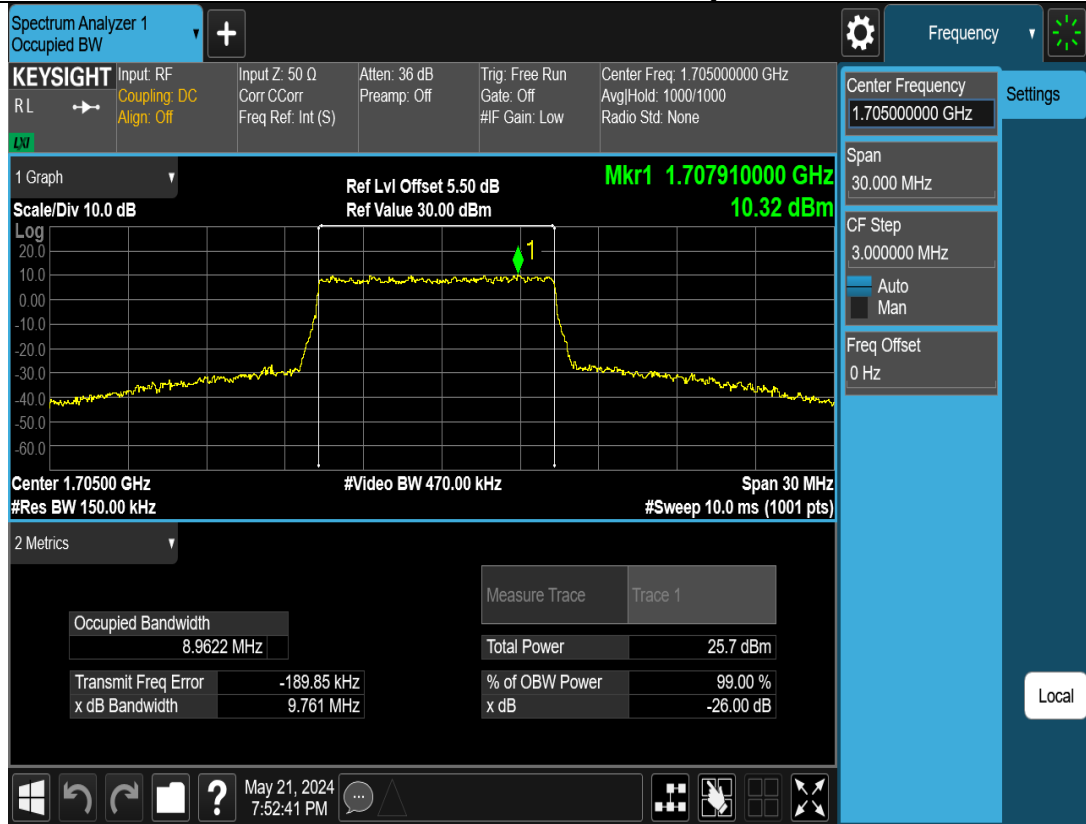




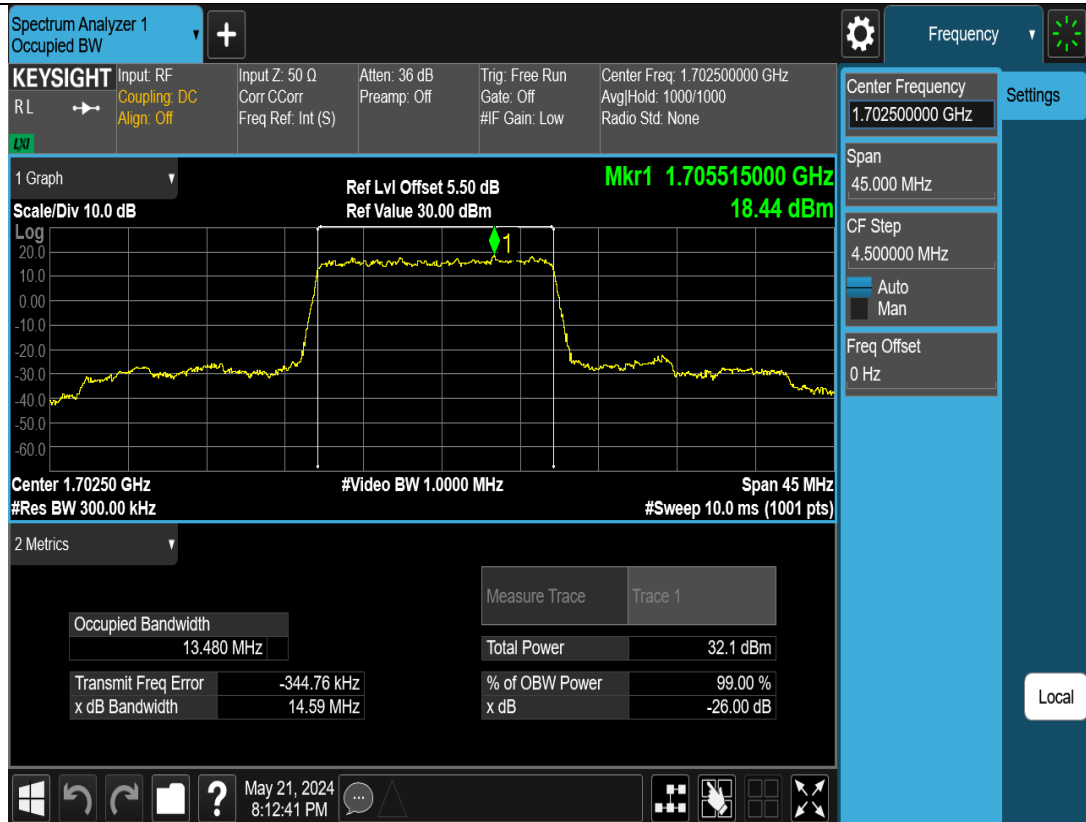




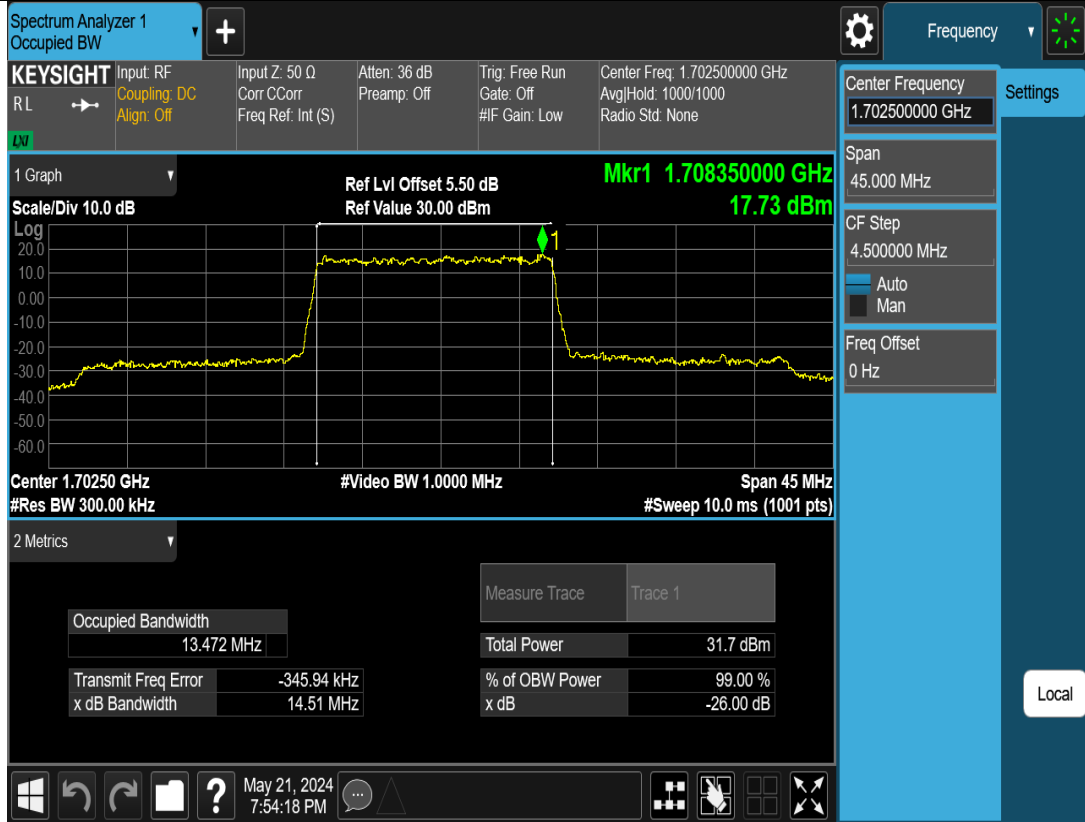
N70-10M-OBW-H-CP-OFDM-256QAM



N70-15M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N70-15M-OBW-L-DFT-s-OFDM-QPSK



N70-15M-OBW-L-DFT-s-OFDM-16QAM

