

99% & 26dB Bandwidth

Test Result

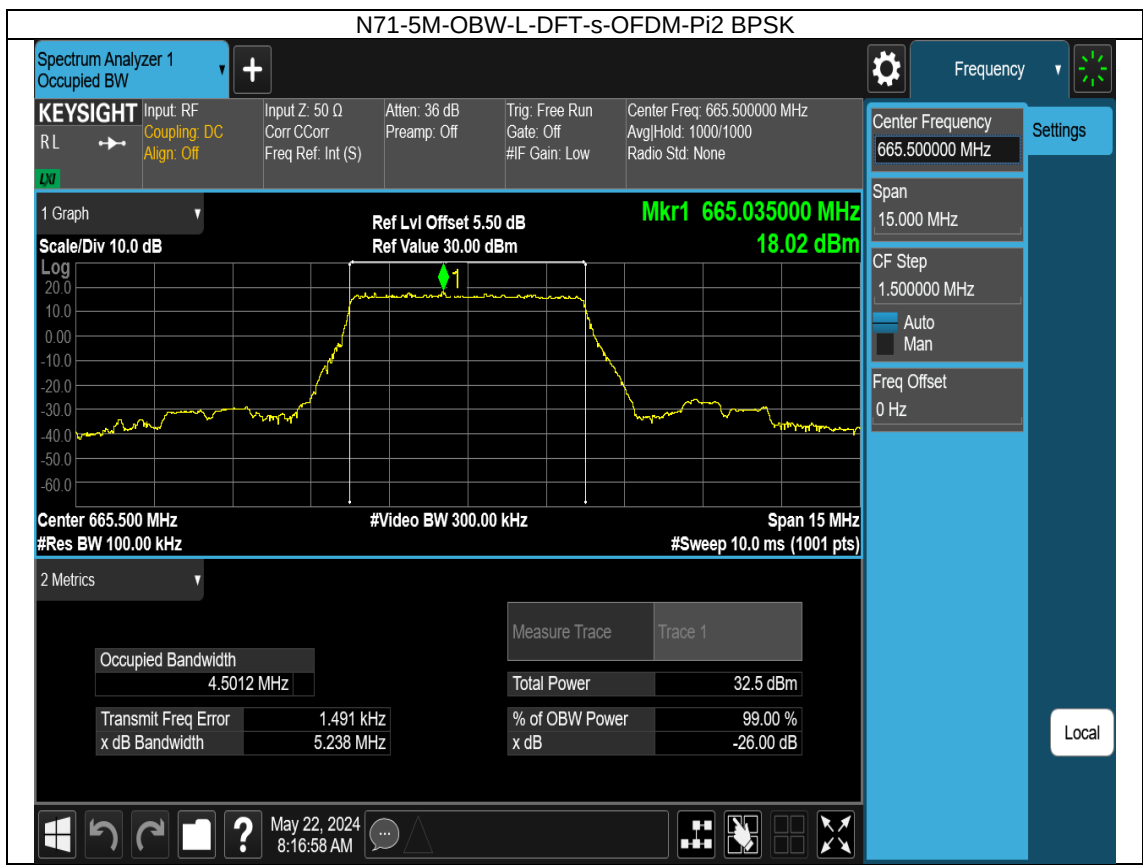
5G NR n71 SCS=15kHz 5MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.501	5.238	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.495	5.229	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.509	5.170	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.478	5.109	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.508	5.148	/	Pass
CP-OFDM QPSK		Outer_Full	4.506	5.230	/	Pass
CP-OFDM 16QAM		Outer_Full	4.489	5.176	/	Pass
CP-OFDM 64QAM		Outer_Full	4.500	5.067	/	Pass
CP-OFDM 256QAM		Outer_Full	4.501	5.128	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.507	5.132	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.499	5.155	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.509	5.180	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.495	5.138	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.530	5.267	/	Pass
CP-OFDM QPSK		Outer_Full	4.493	5.203	/	Pass
CP-OFDM 16QAM		Outer_Full	4.484	5.164	/	Pass
CP-OFDM 64QAM		Outer_Full	4.533	5.297	/	Pass
CP-OFDM 256QAM		Outer_Full	4.494	5.146	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.505	5.079	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.488	5.087	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.504	5.121	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.490	5.058	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.525	5.285	/	Pass
CP-OFDM QPSK		Outer_Full	4.491	5.205	/	Pass
CP-OFDM 16QAM		Outer_Full	4.484	5.082	/	Pass
CP-OFDM 64QAM		Outer_Full	4.526	5.284	/	Pass
CP-OFDM 256QAM		Outer_Full	4.486	5.075	/	Pass

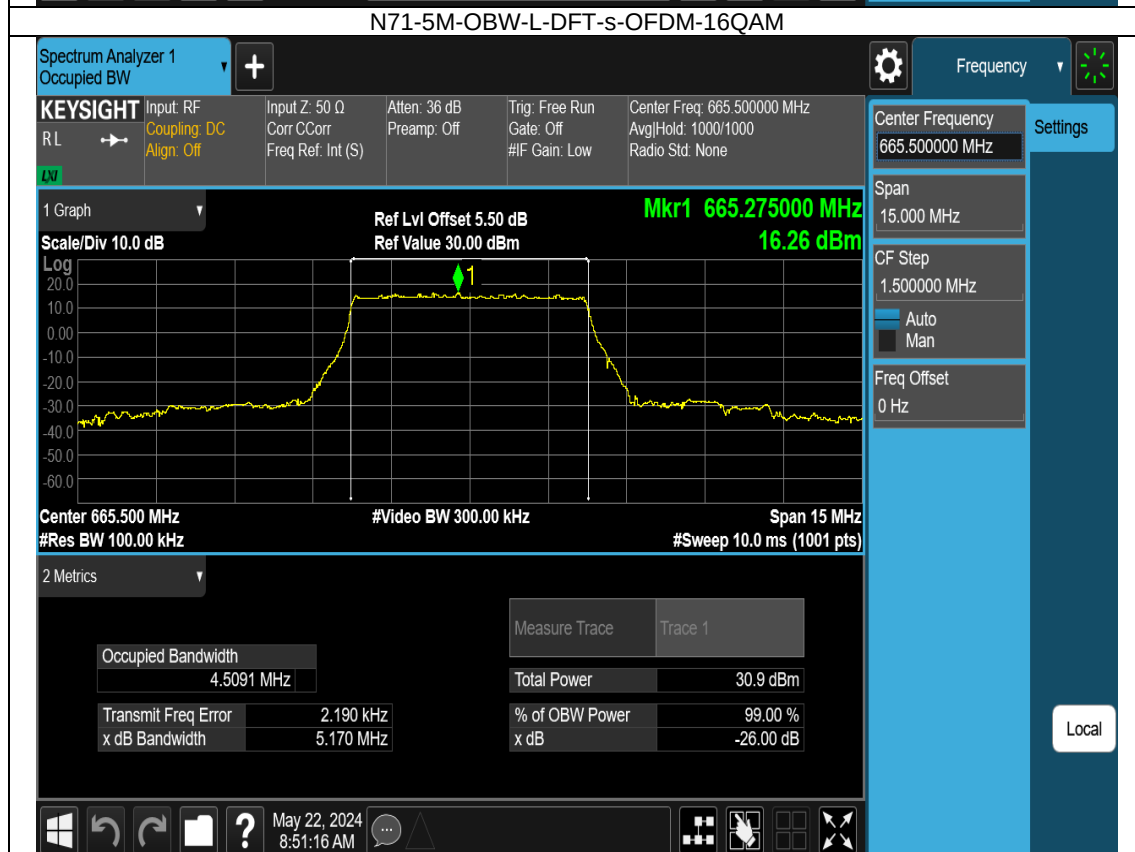
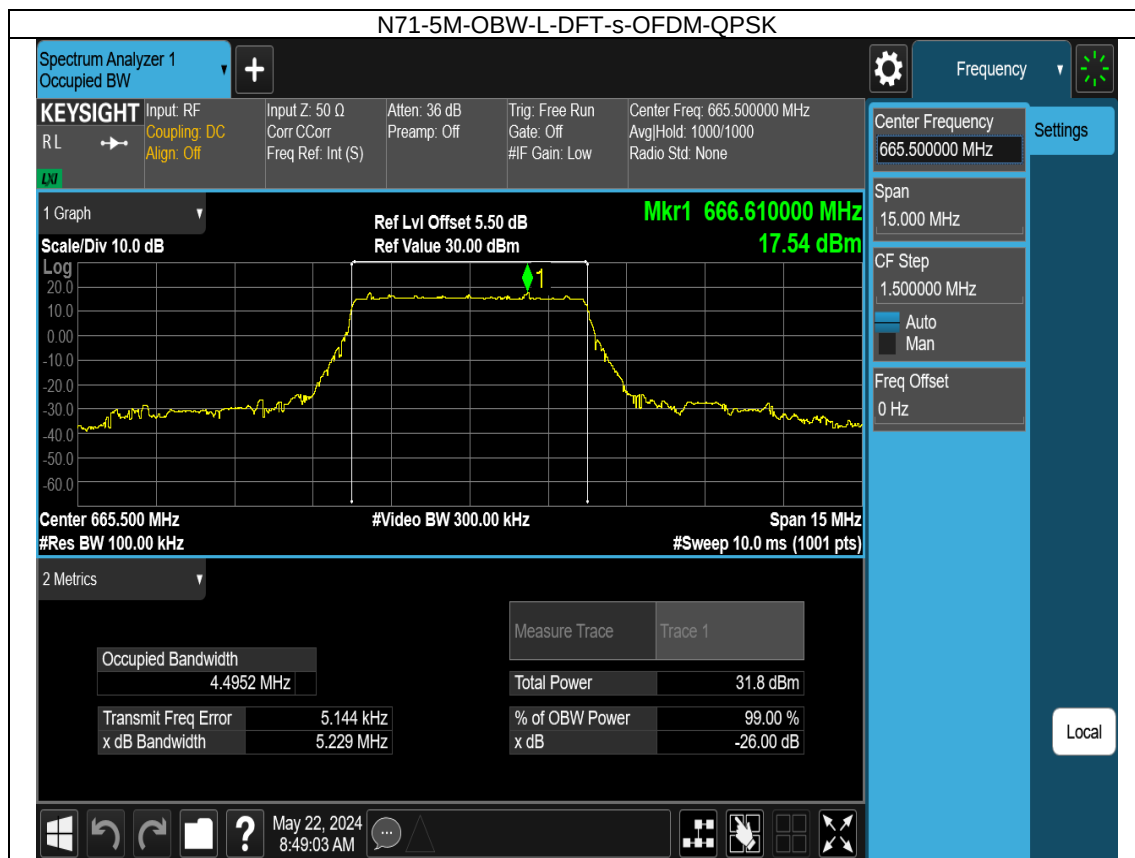
5G NR n71 SCS=15kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	8.945	9.896	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.971	9.722	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.926	9.624	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.939	9.602	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.953	9.699	/	Pass
CP-OFDM QPSK		Outer_Full	9.293	10.02	/	Pass
CP-OFDM 16QAM		Outer_Full	9.319	10.14	/	Pass
CP-OFDM 64QAM		Outer_Full	9.285	10.11	/	Pass
CP-OFDM 256QAM		Outer_Full	9.315	10.15	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	8.963	9.904	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.970	9.766	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.926	9.614	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.928	9.626	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.945	9.747	/	Pass
CP-OFDM QPSK		Outer_Full	9.305	10.10	/	Pass
CP-OFDM 16QAM		Outer_Full	8.924	9.802	/	Pass
CP-OFDM 64QAM		Outer_Full	8.947	9.735	/	Pass
CP-OFDM 256QAM		Outer_Full	8.919	9.691	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	8.956	9.837	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.971	9.714	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.931	9.660	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.931	9.725	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.931	9.776	/	Pass
CP-OFDM QPSK		Outer_Full	9.302	10.06	/	Pass
CP-OFDM 16QAM		Outer_Full	8.932	9.703	/	Pass
CP-OFDM 64QAM		Outer_Full	8.937	9.644	/	Pass
CP-OFDM 256QAM		Outer_Full	8.912	9.729	/	Pass

5G NR n71 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	13.500	14.57	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.510	14.60	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.484	14.63	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.482	14.58	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.541	14.48	/	Pass
CP-OFDM QPSK		Outer_Full	14.148	15.19	/	Pass
CP-OFDM 16QAM		Outer_Full	13.453	14.48	/	Pass
CP-OFDM 64QAM		Outer_Full	14.168	15.26	/	Pass
CP-OFDM 256QAM		Outer_Full	14.164	15.19	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	13.487	14.57	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.444	14.51	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.445	14.49	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.444	14.63	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.484	14.56	/	Pass
CP-OFDM QPSK		Outer_Full	14.107	15.16	/	Pass
CP-OFDM 16QAM		Outer_Full	13.438	14.42	/	Pass
CP-OFDM 64QAM		Outer_Full	13.425	14.49	/	Pass
CP-OFDM 256QAM		Outer_Full	13.401	14.61	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	13.490	14.57	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.480	14.58	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.485	14.60	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.458	14.57	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.515	14.44	/	Pass
CP-OFDM QPSK		Outer_Full	14.111	15.12	/	Pass
CP-OFDM 16QAM		Outer_Full	13.444	14.47	/	Pass
CP-OFDM 64QAM		Outer_Full	13.448	14.52	/	Pass
CP-OFDM 256QAM		Outer_Full	13.408	14.48	/	Pass

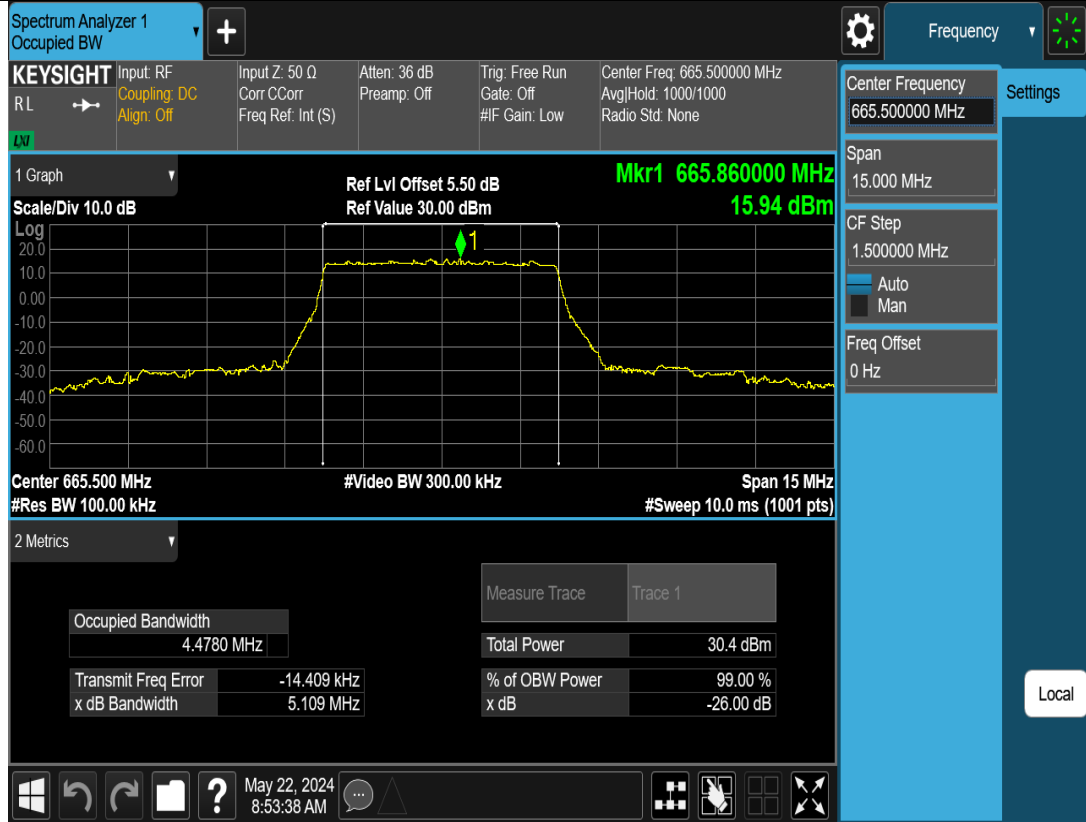
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Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	17.874	19.01	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.891	19.15	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.908	19.07	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.887	19.06	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.903	19.10	/	Pass
CP-OFDM QPSK		Outer_Full	18.946	20.05	/	Pass
CP-OFDM 16QAM		Outer_Full	18.943	20.20	/	Pass
CP-OFDM 64QAM		Outer_Full	18.917	20.07	/	Pass
CP-OFDM 256QAM		Outer_Full	18.907	20.08	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	17.844	19.04	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.853	19.13	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.890	18.99	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.857	19.06	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.927	19.05	/	Pass
CP-OFDM QPSK		Outer_Full	18.943	20.18	/	Pass
CP-OFDM 16QAM		Outer_Full	17.844	18.89	/	Pass
CP-OFDM 64QAM		Outer_Full	17.808	18.94	/	Pass
CP-OFDM 256QAM		Outer_Full	17.899	19.02	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	17.877	19.00	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.879	19.11	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.888	19.01	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.908	19.12	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.939	19.01	/	Pass
CP-OFDM QPSK		Outer_Full	18.965	20.17	/	Pass
CP-OFDM 16QAM		Outer_Full	17.868	18.83	/	Pass
CP-OFDM 64QAM		Outer_Full	17.834	18.86	/	Pass
CP-OFDM 256QAM		Outer_Full	17.881	18.98	/	Pass

Test graph

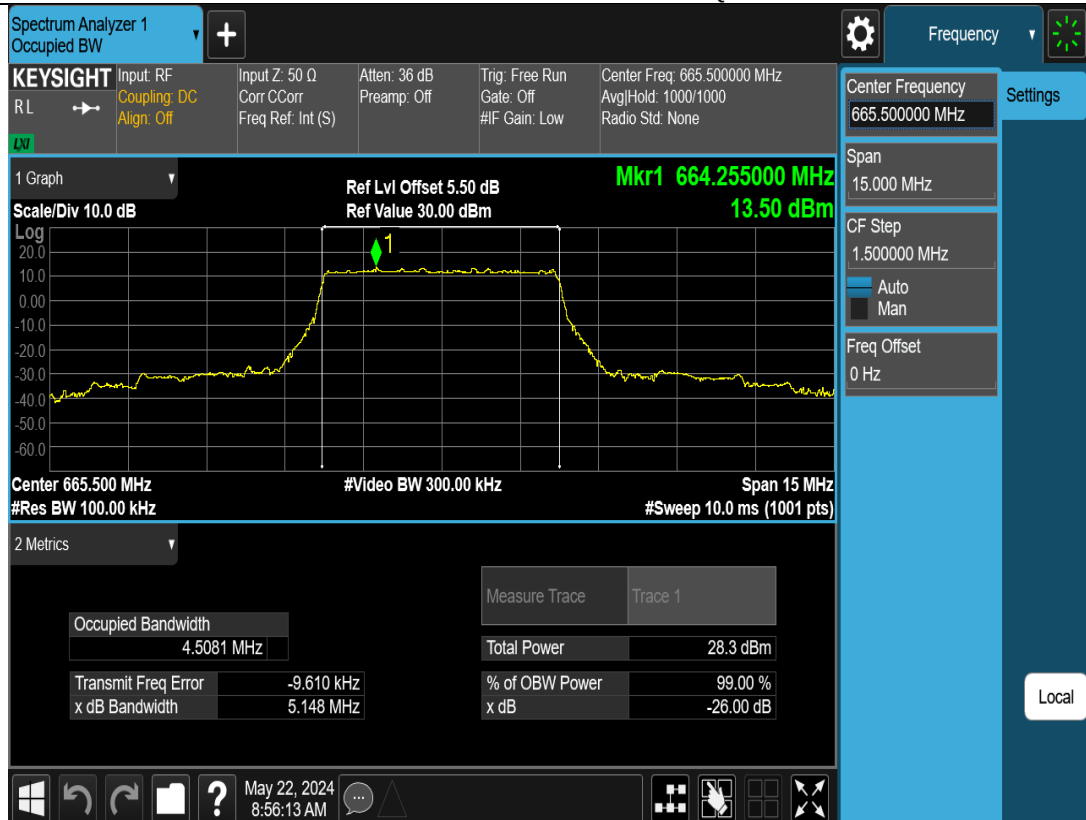


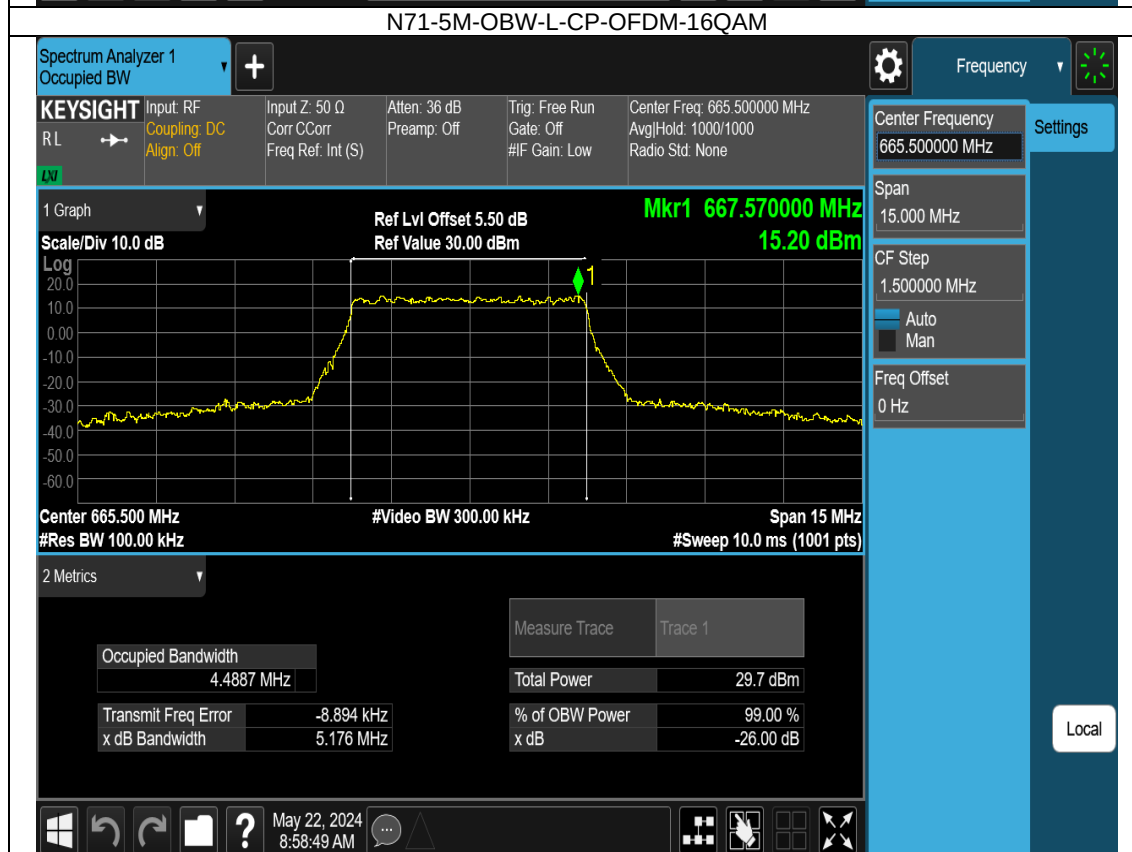
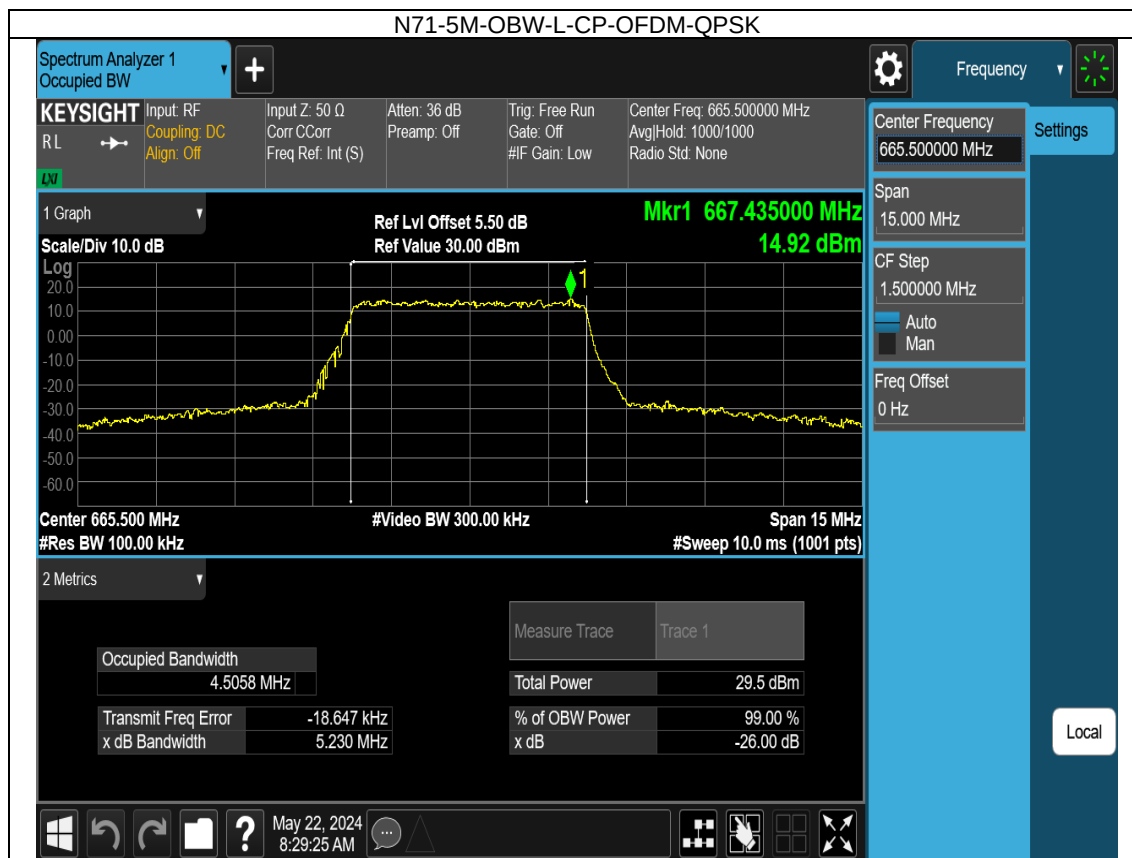


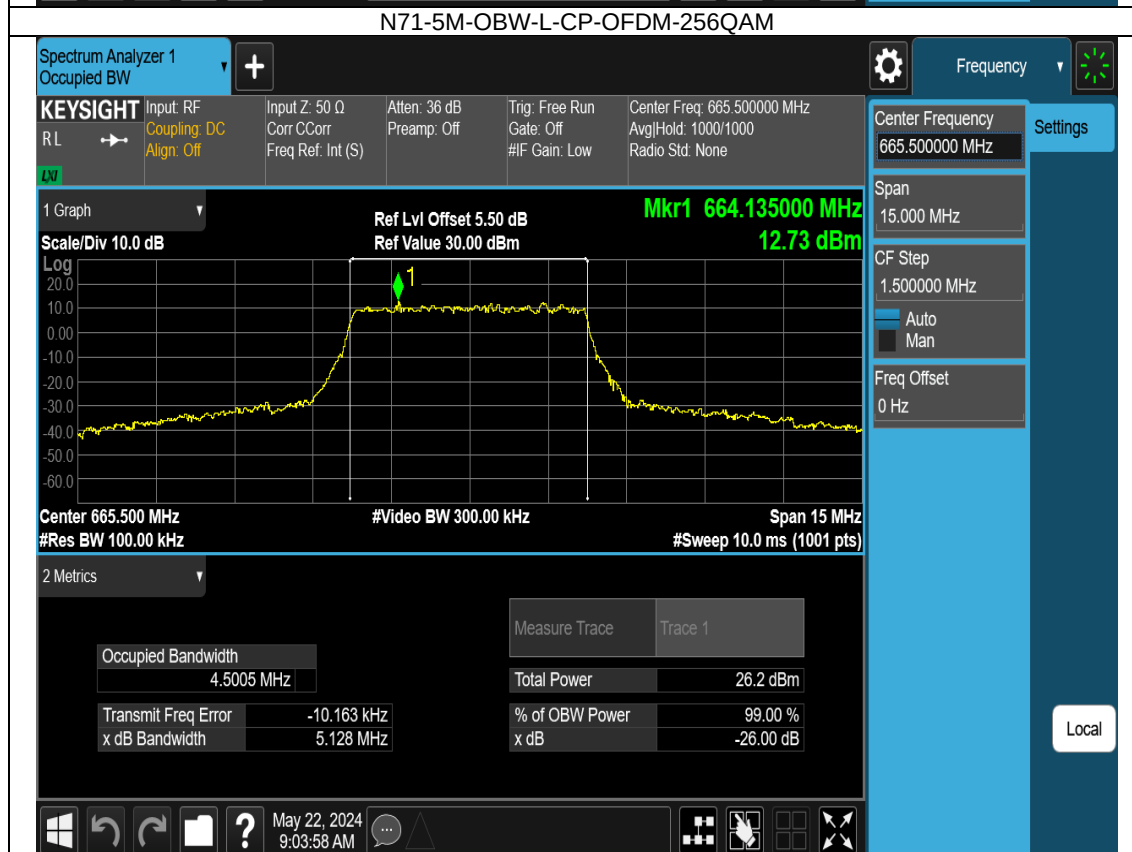
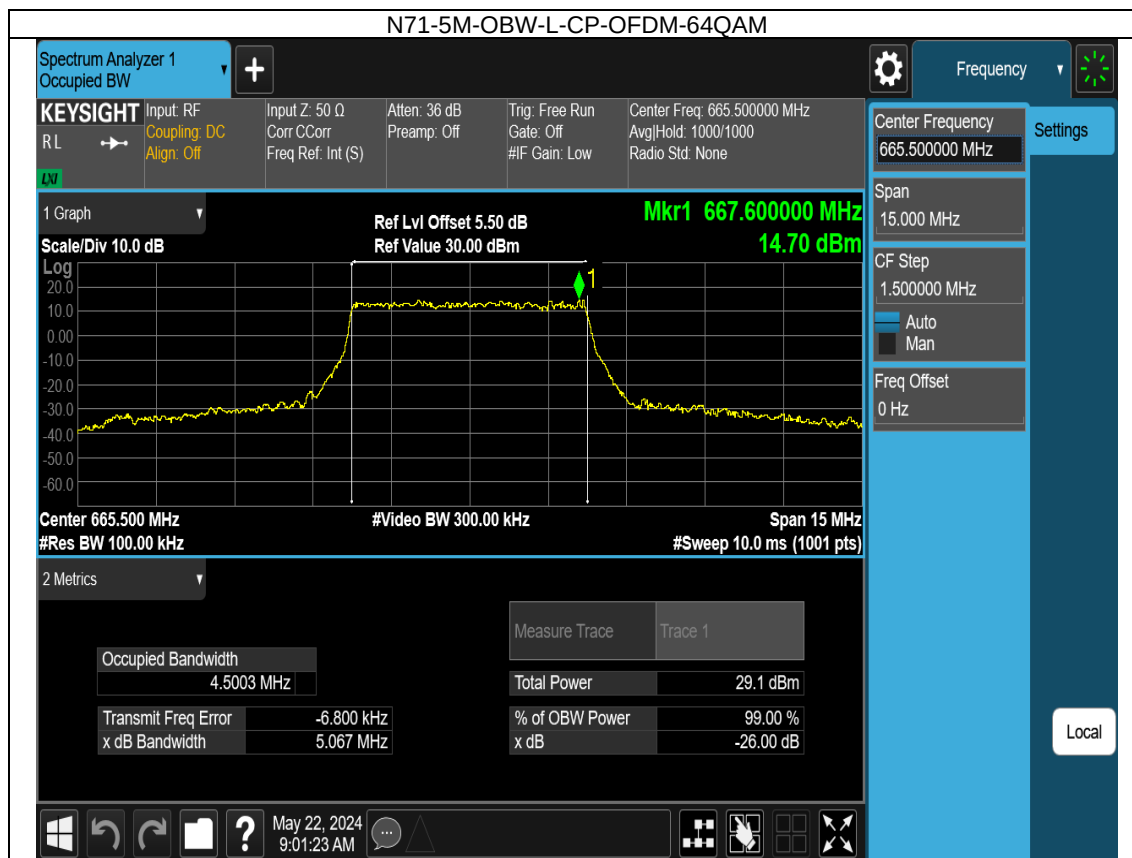
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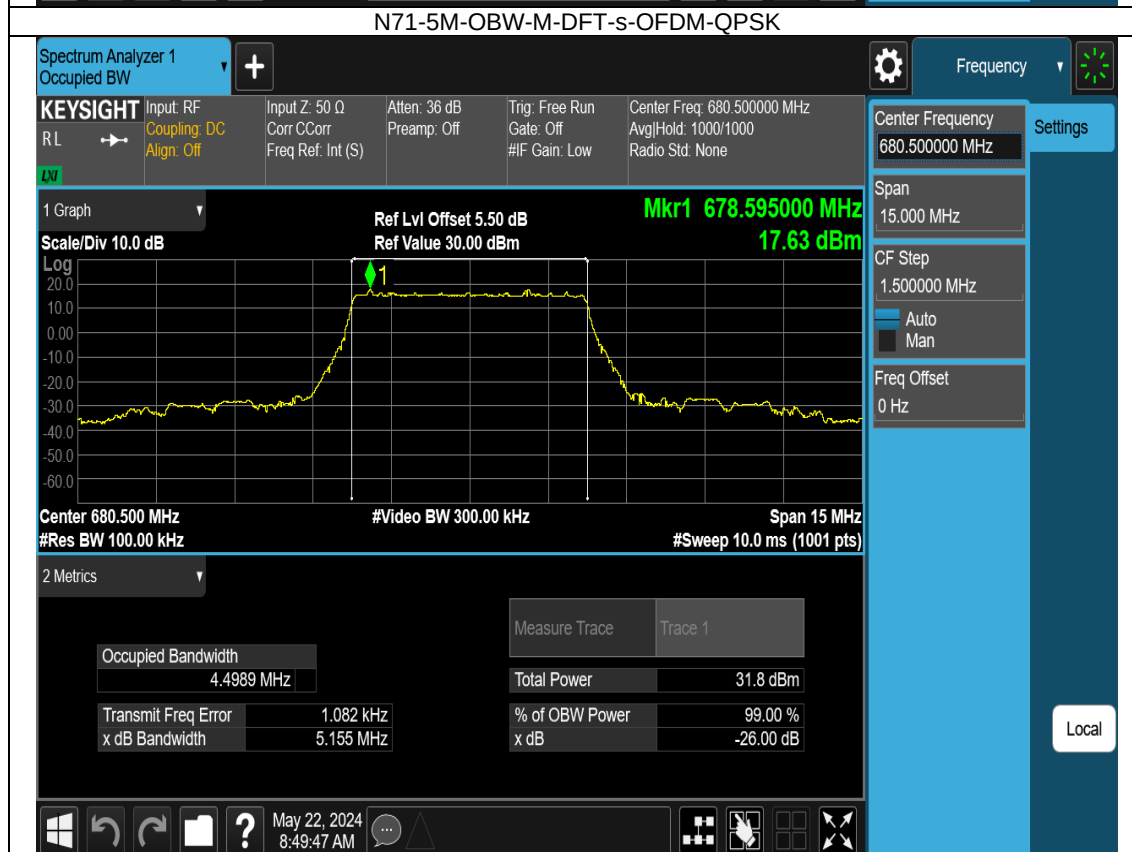
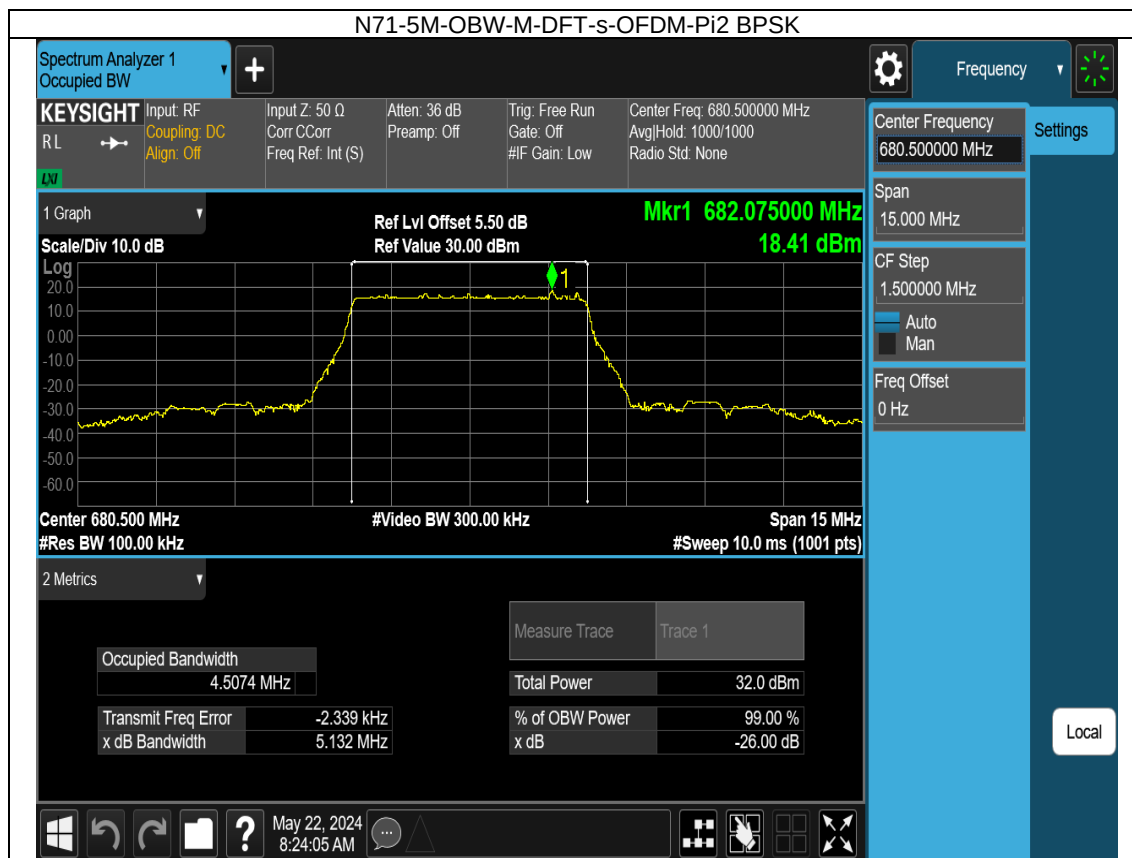


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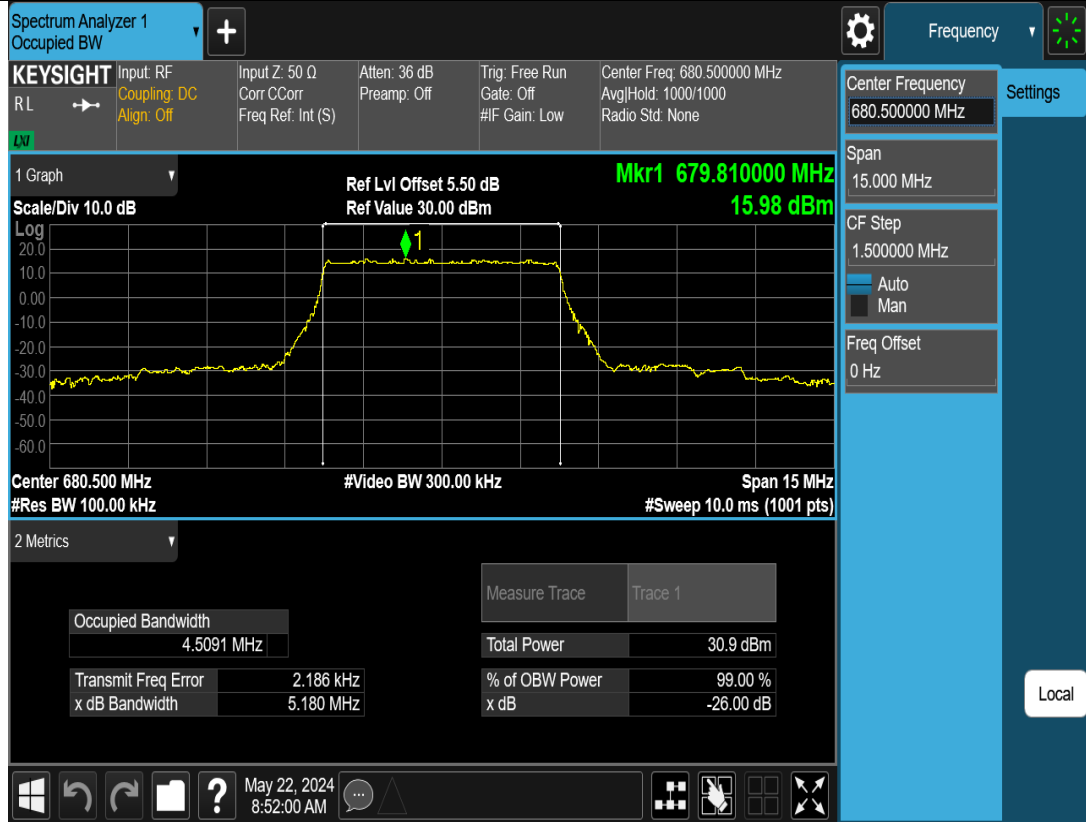




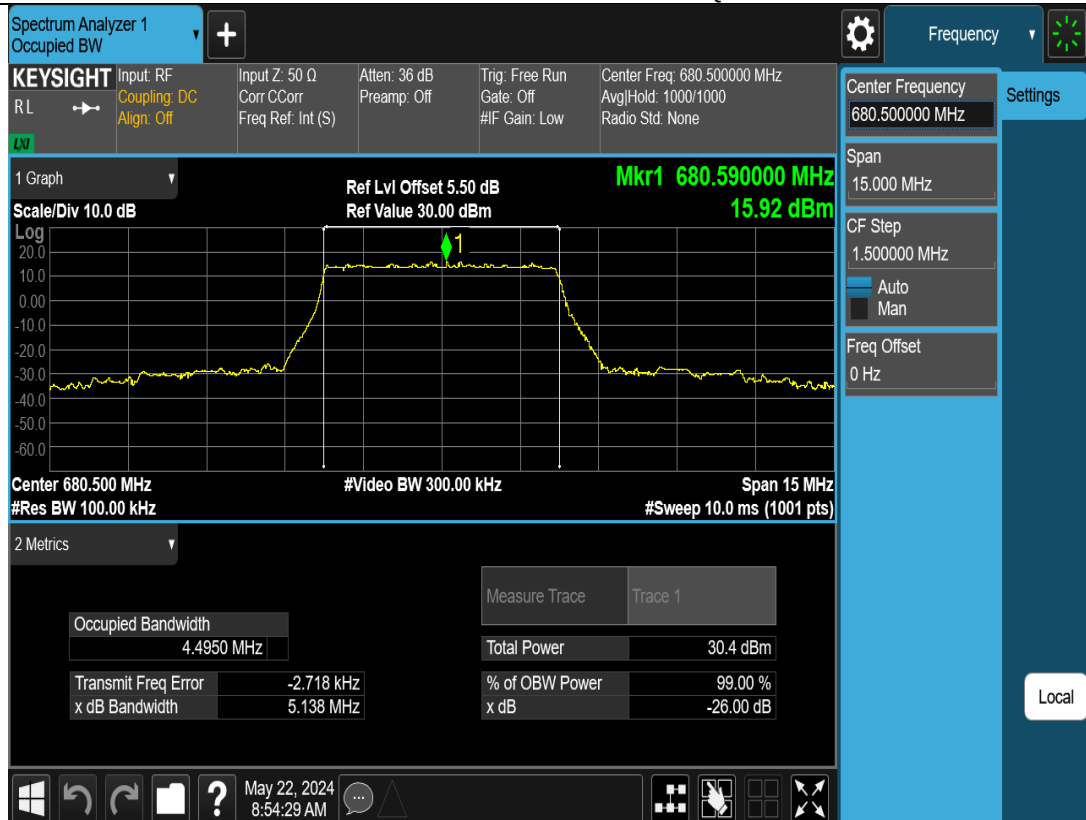


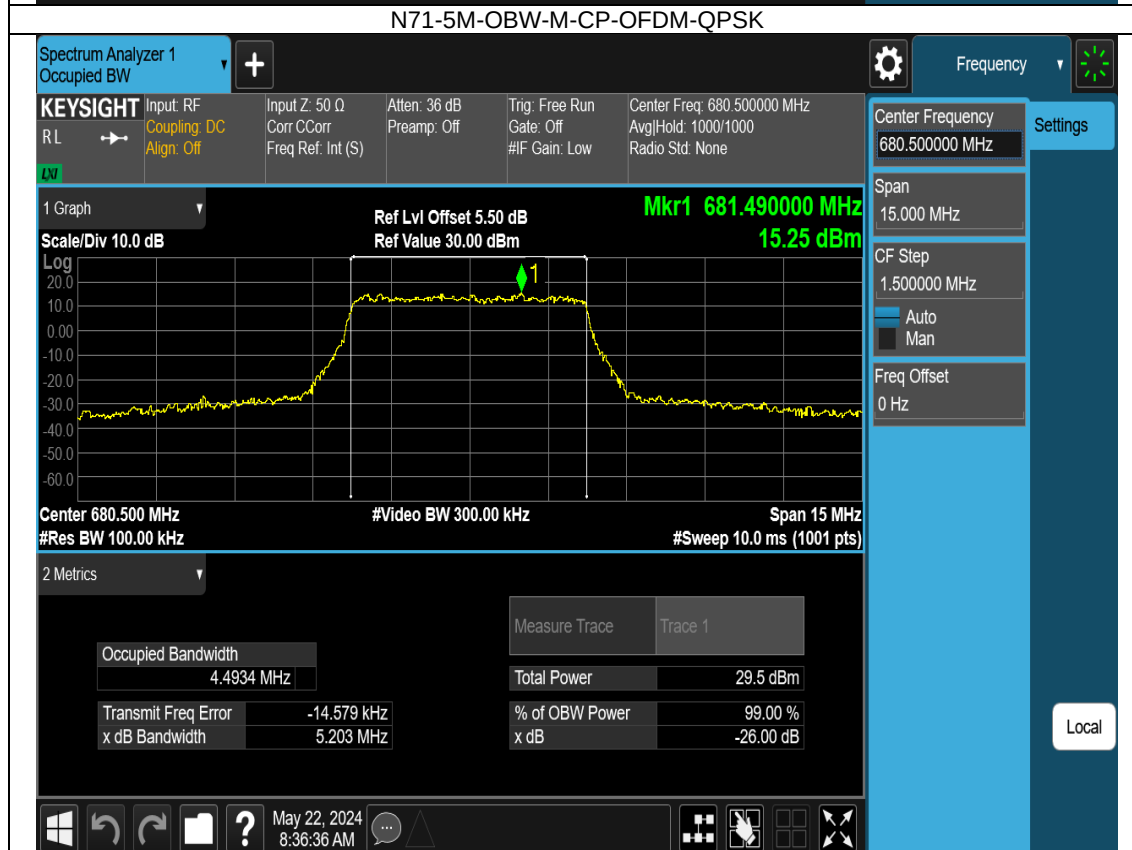
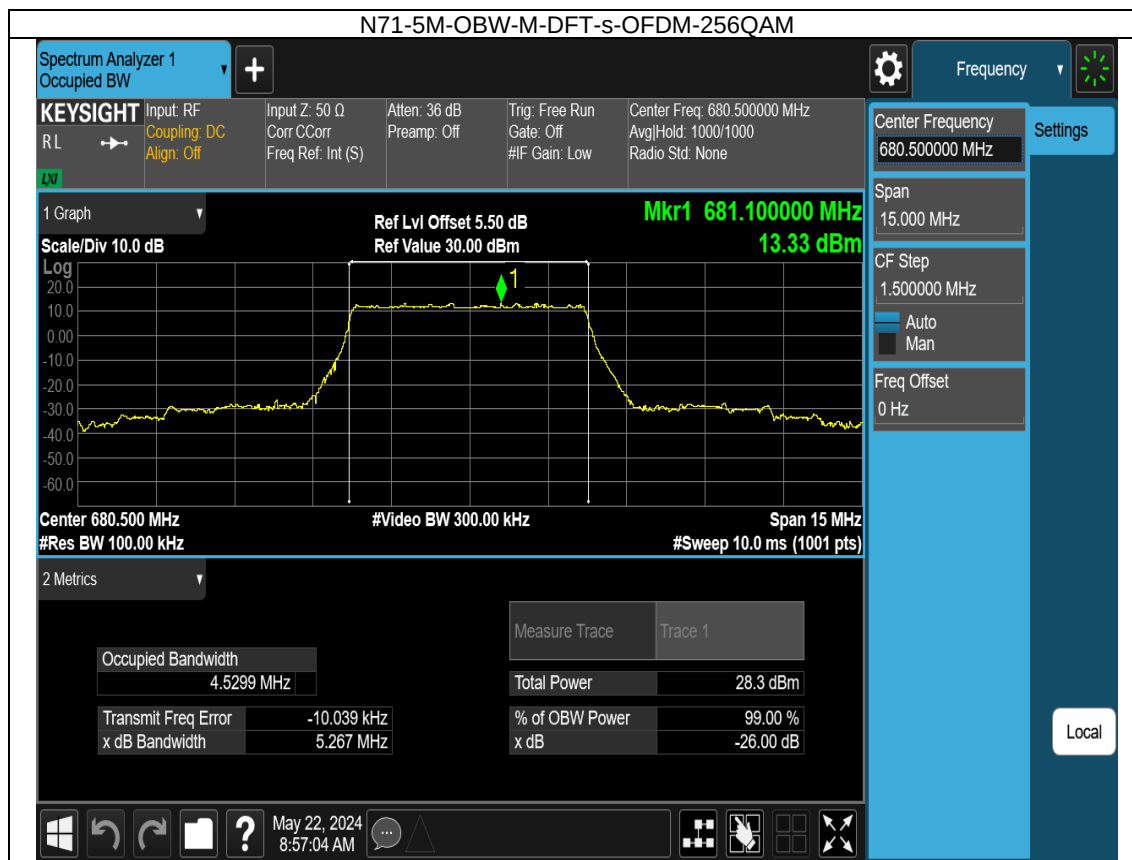


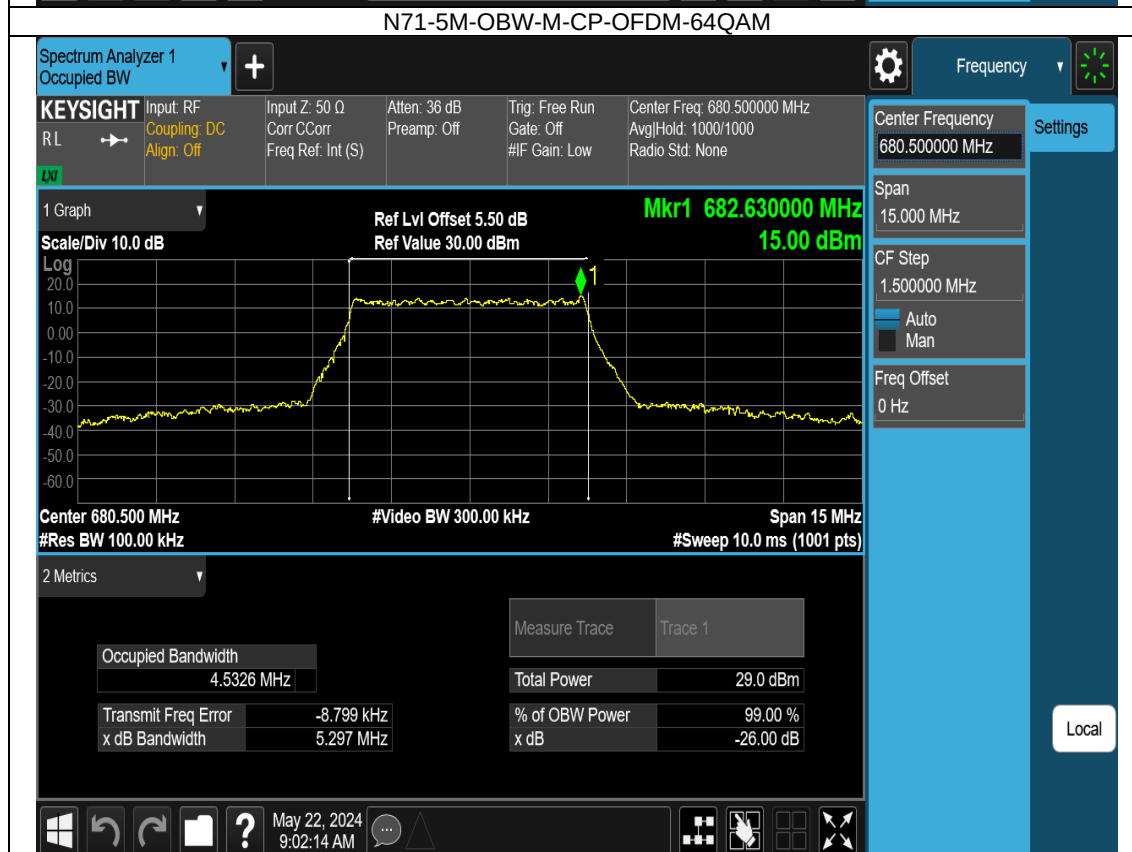
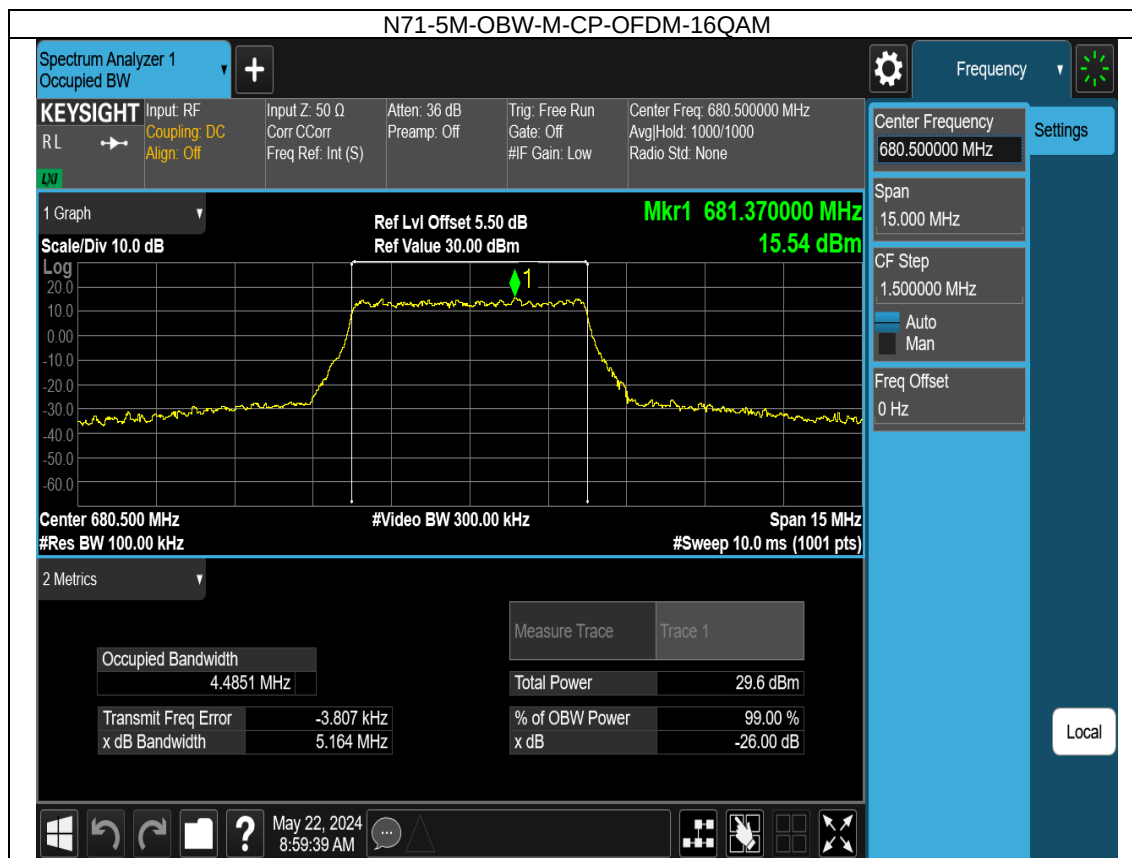
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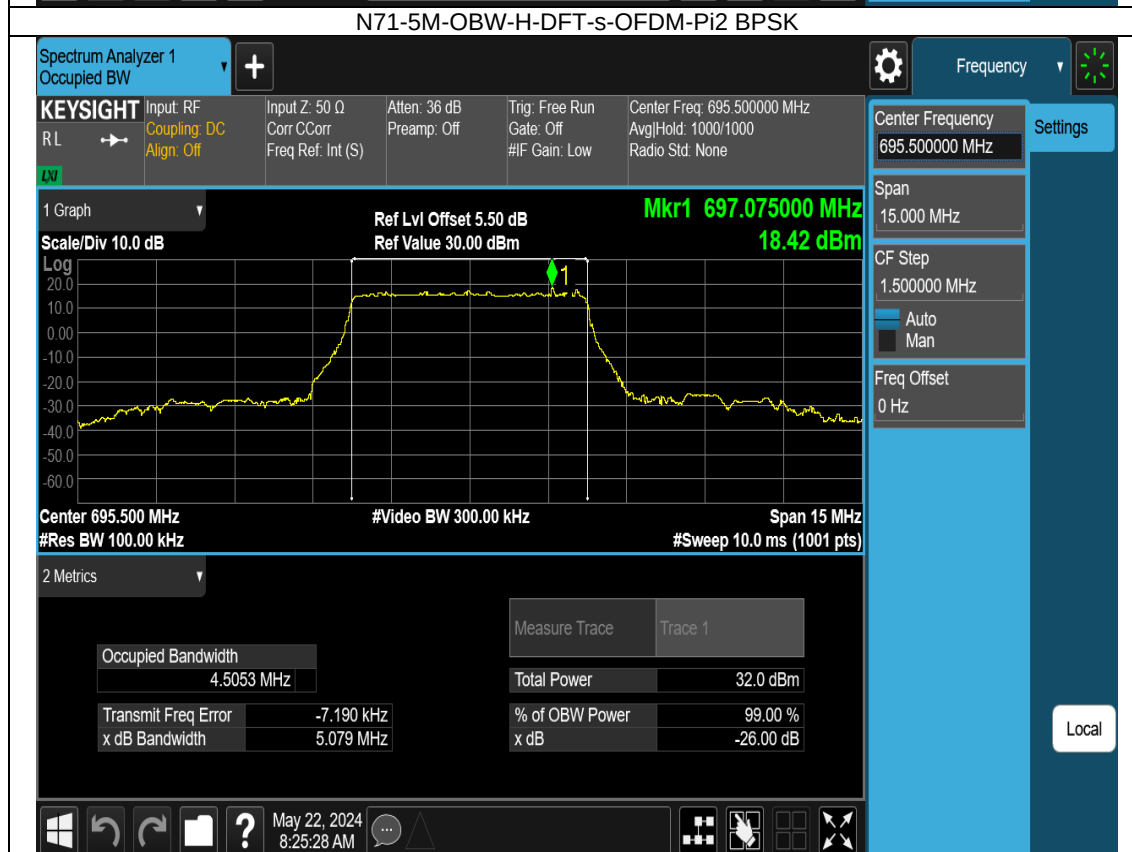
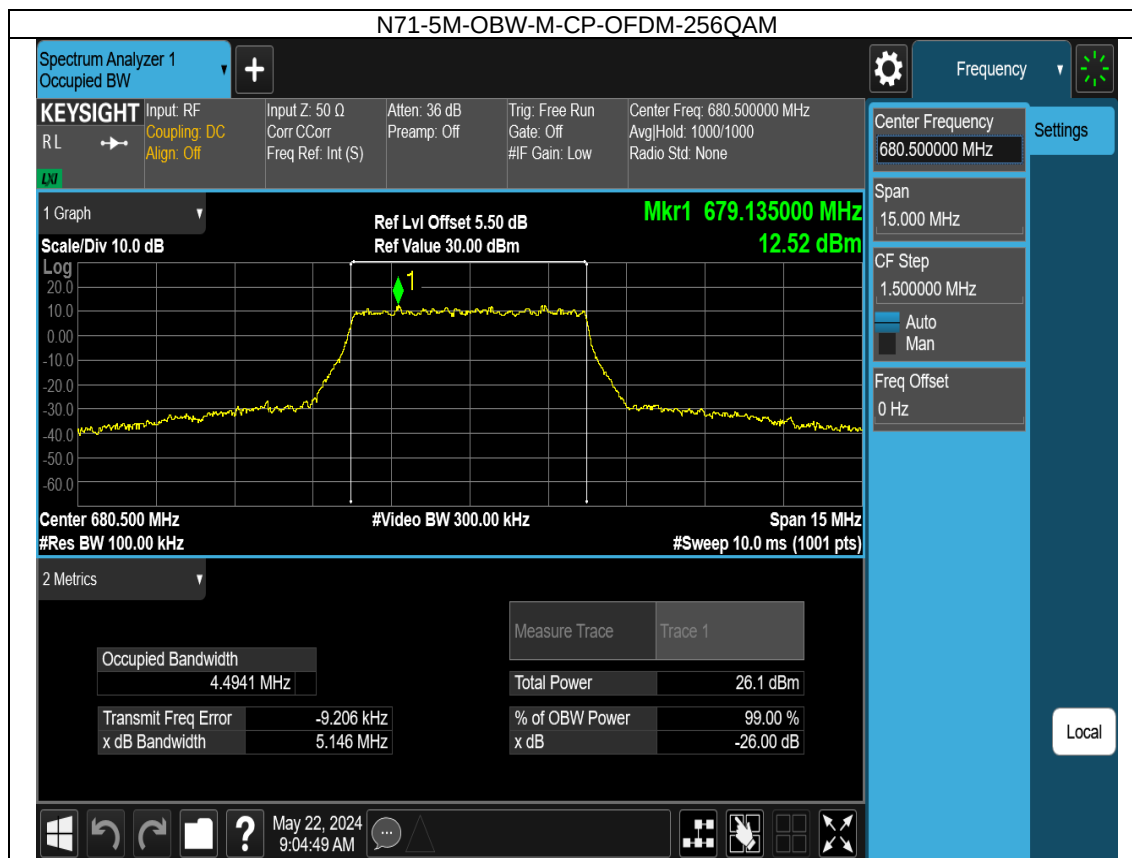


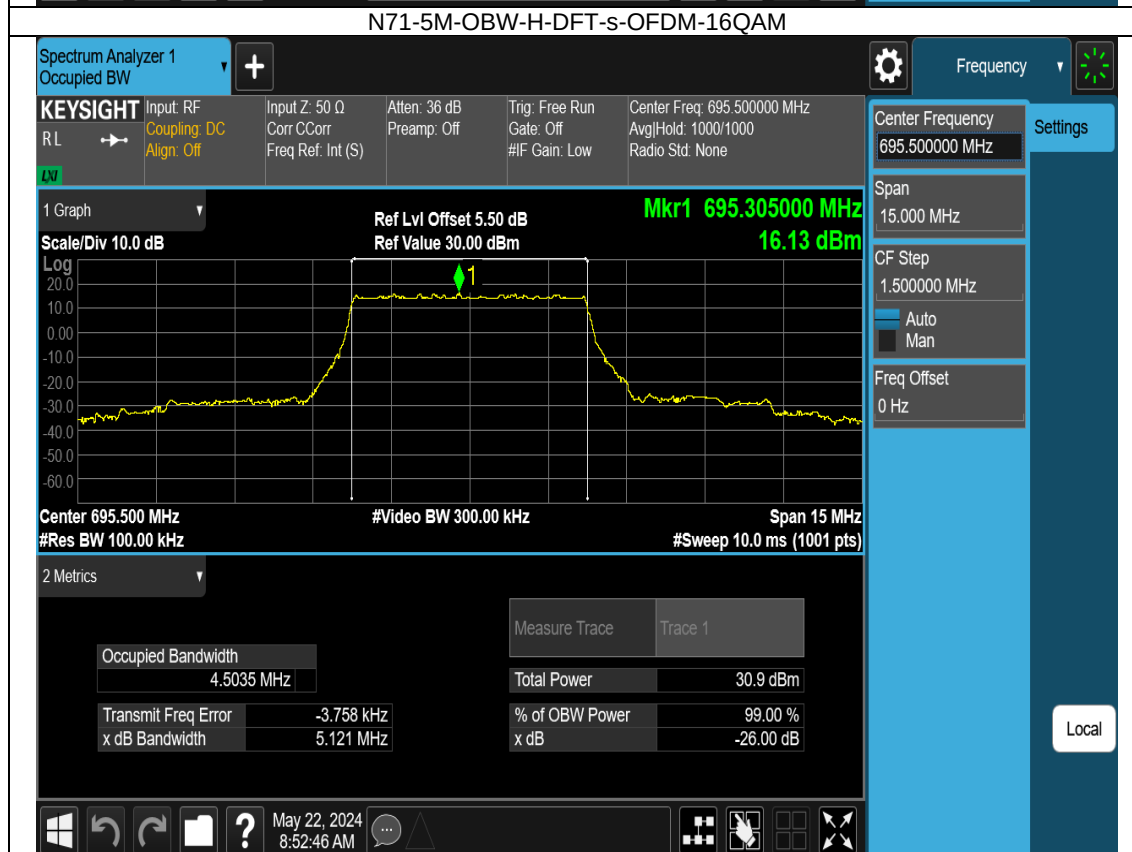
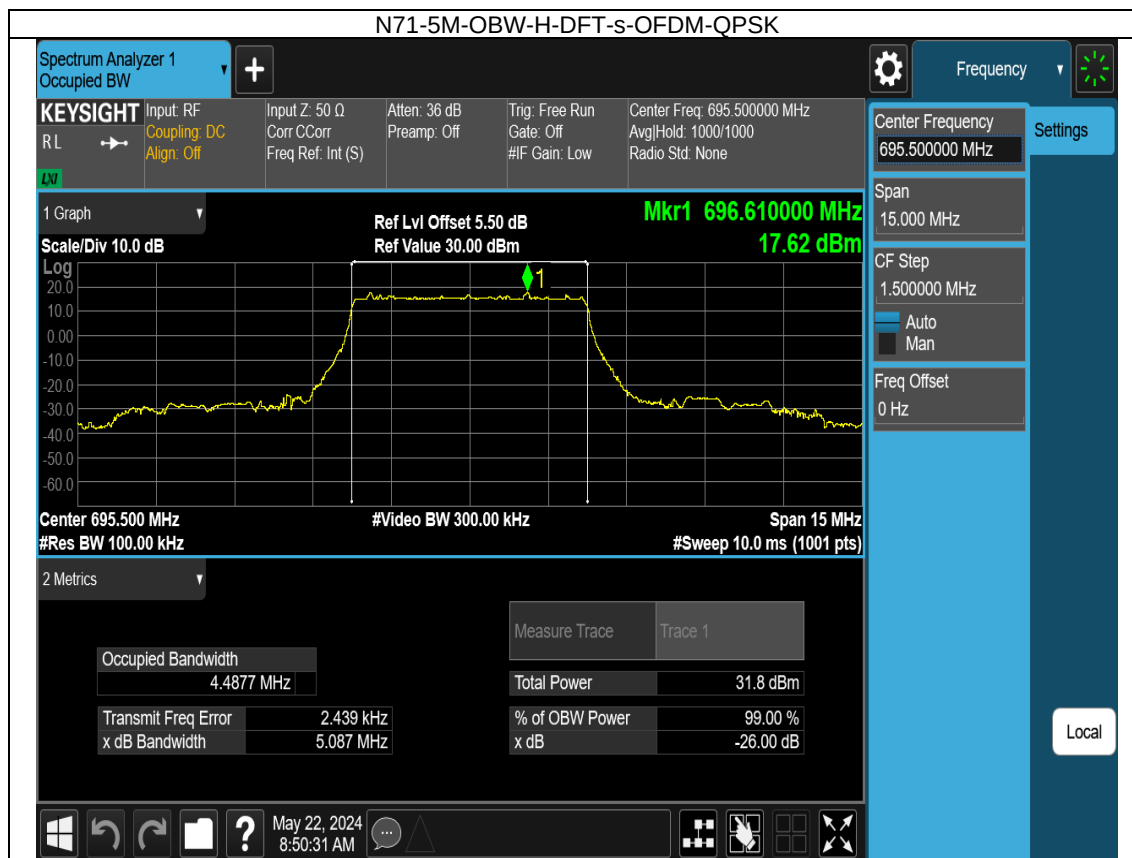
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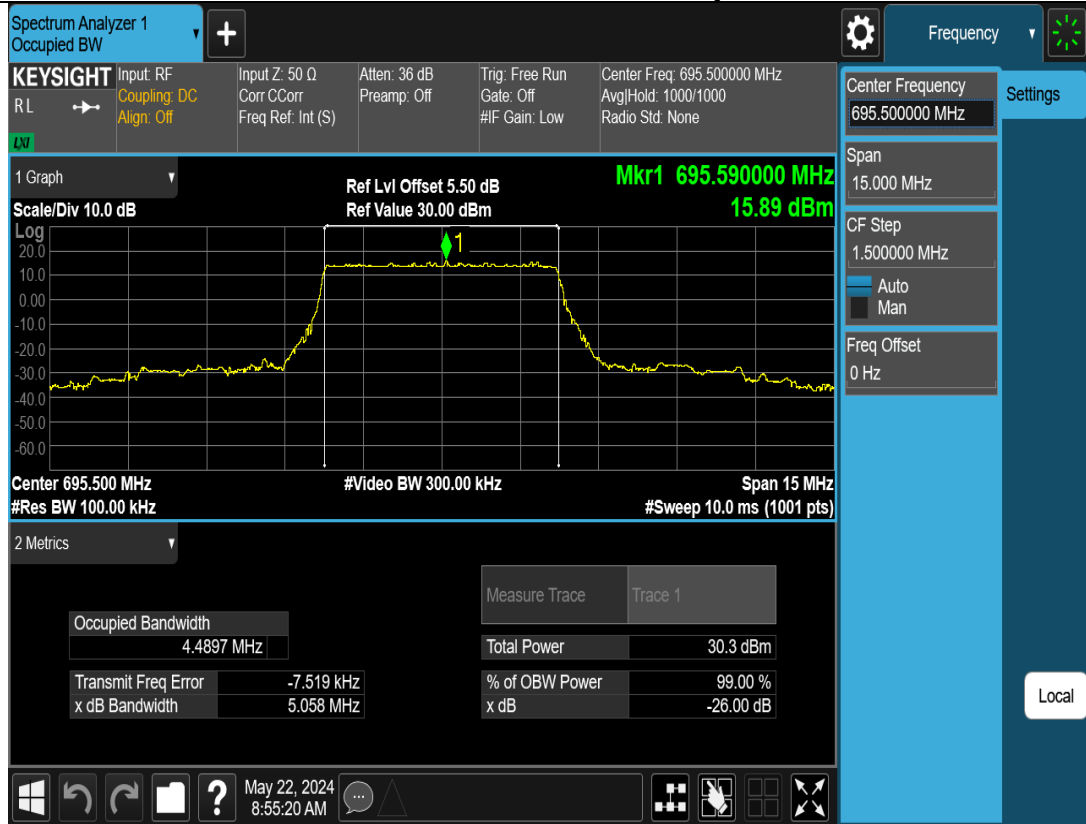




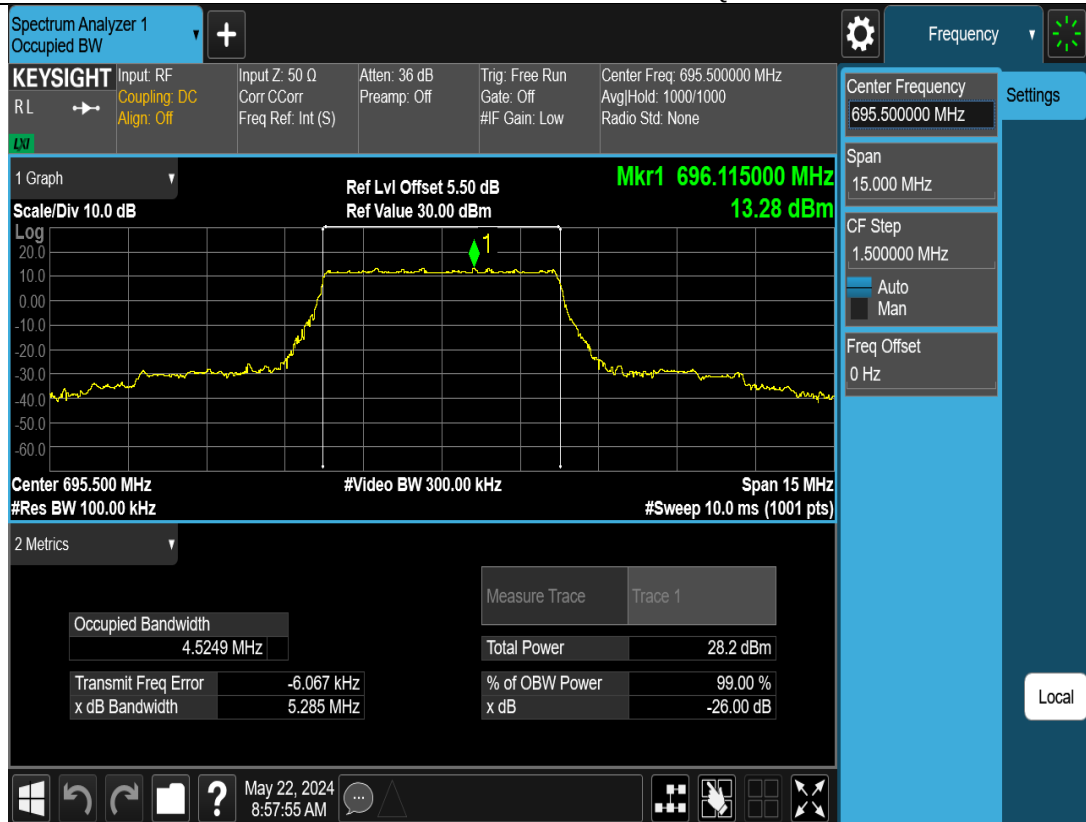


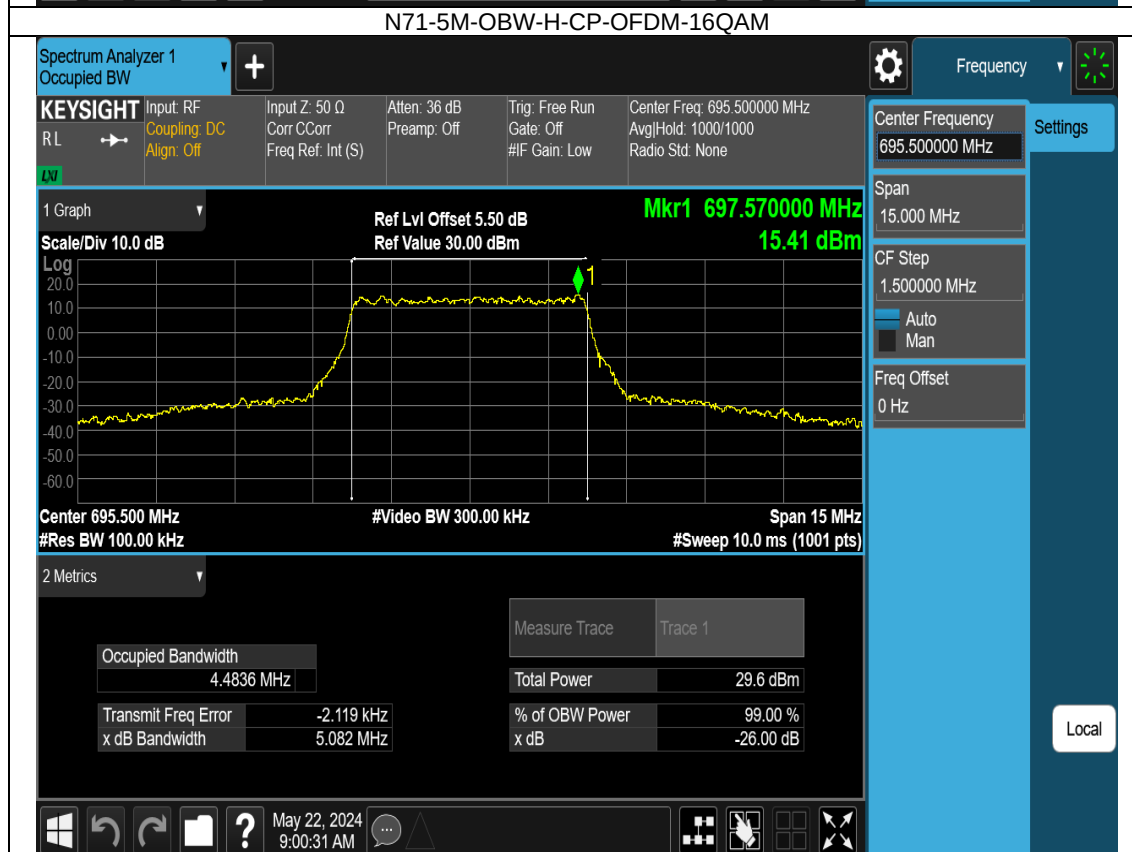
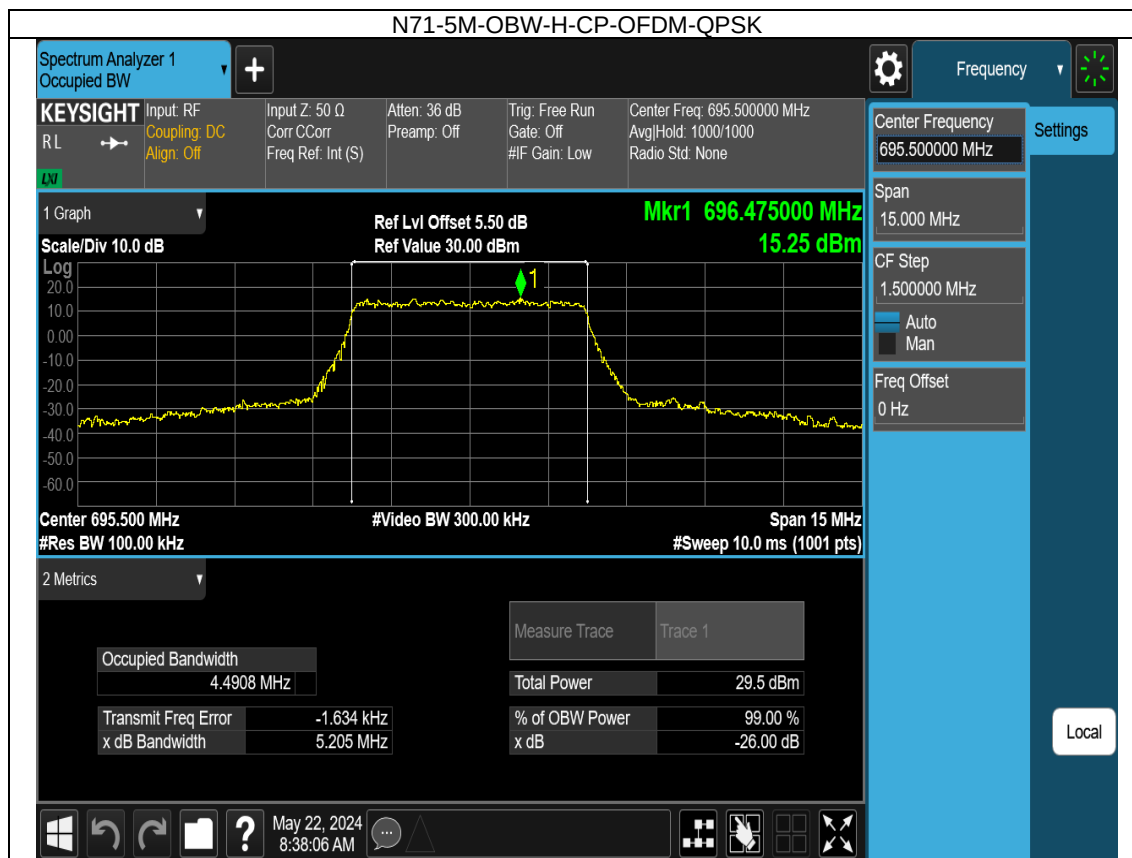


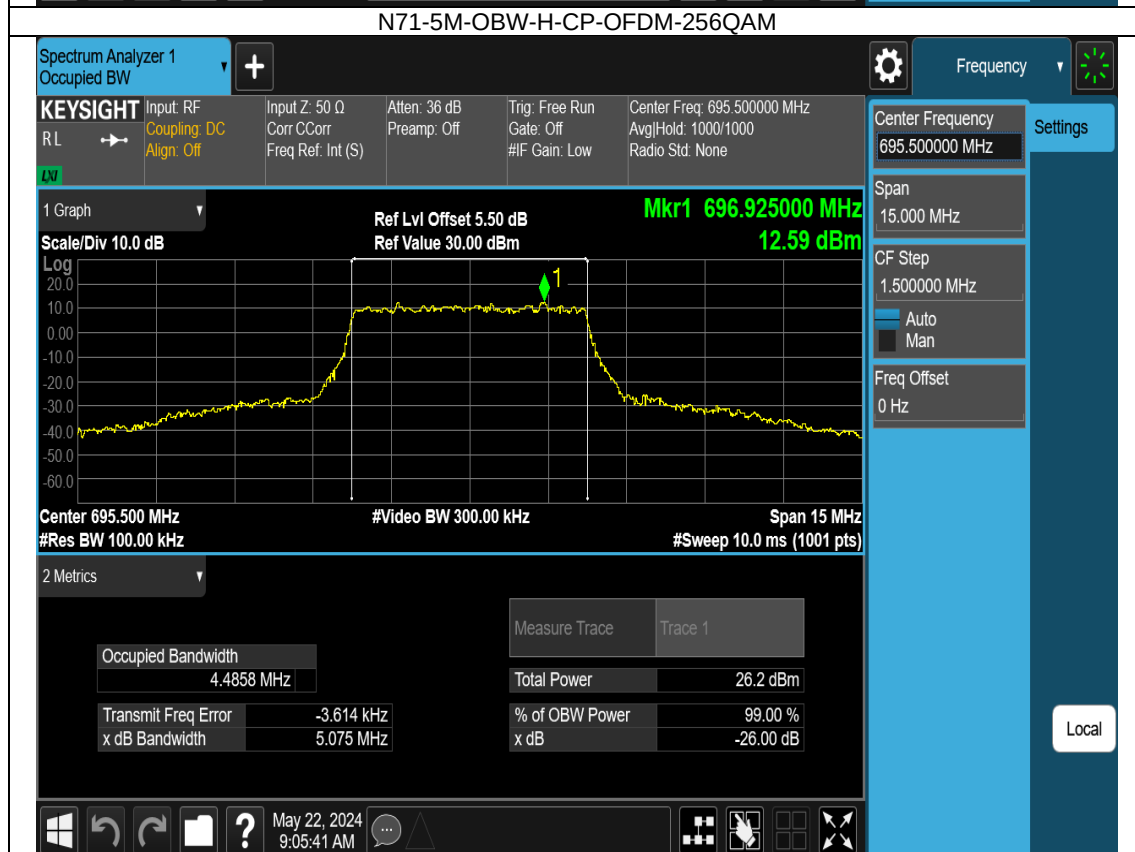
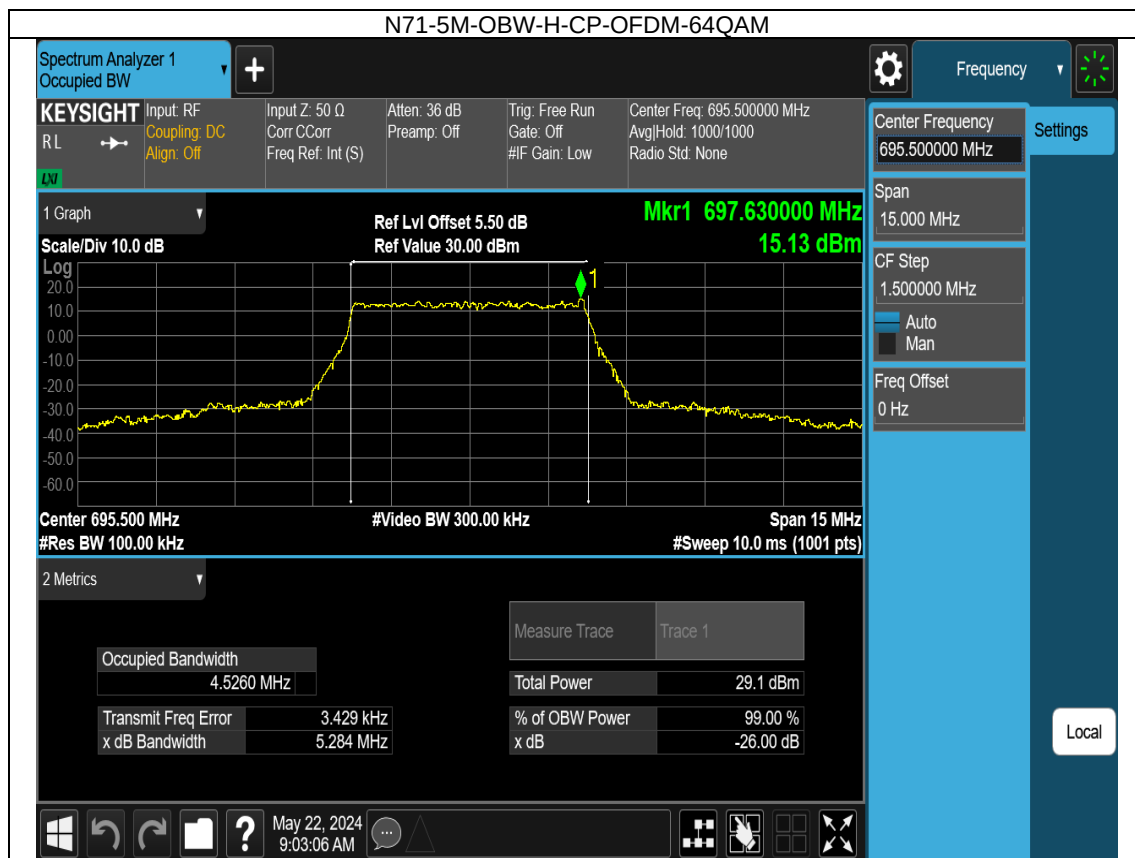
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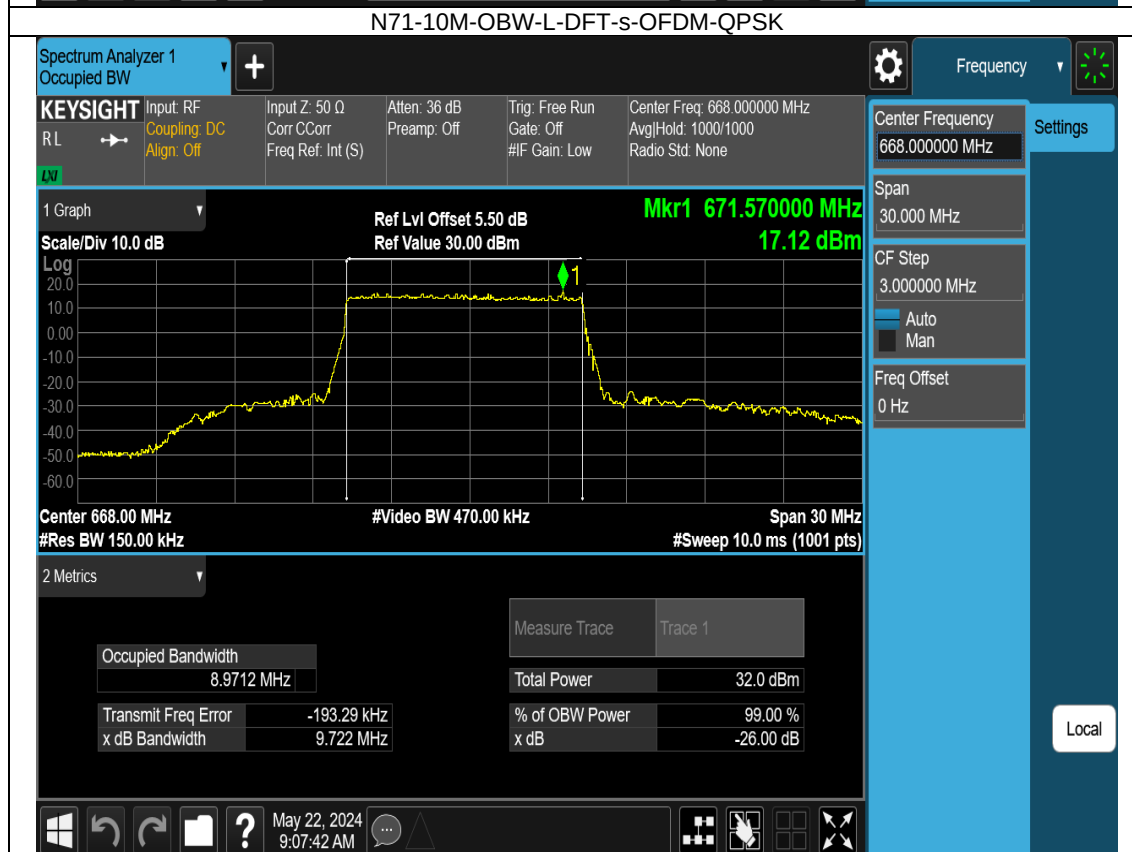
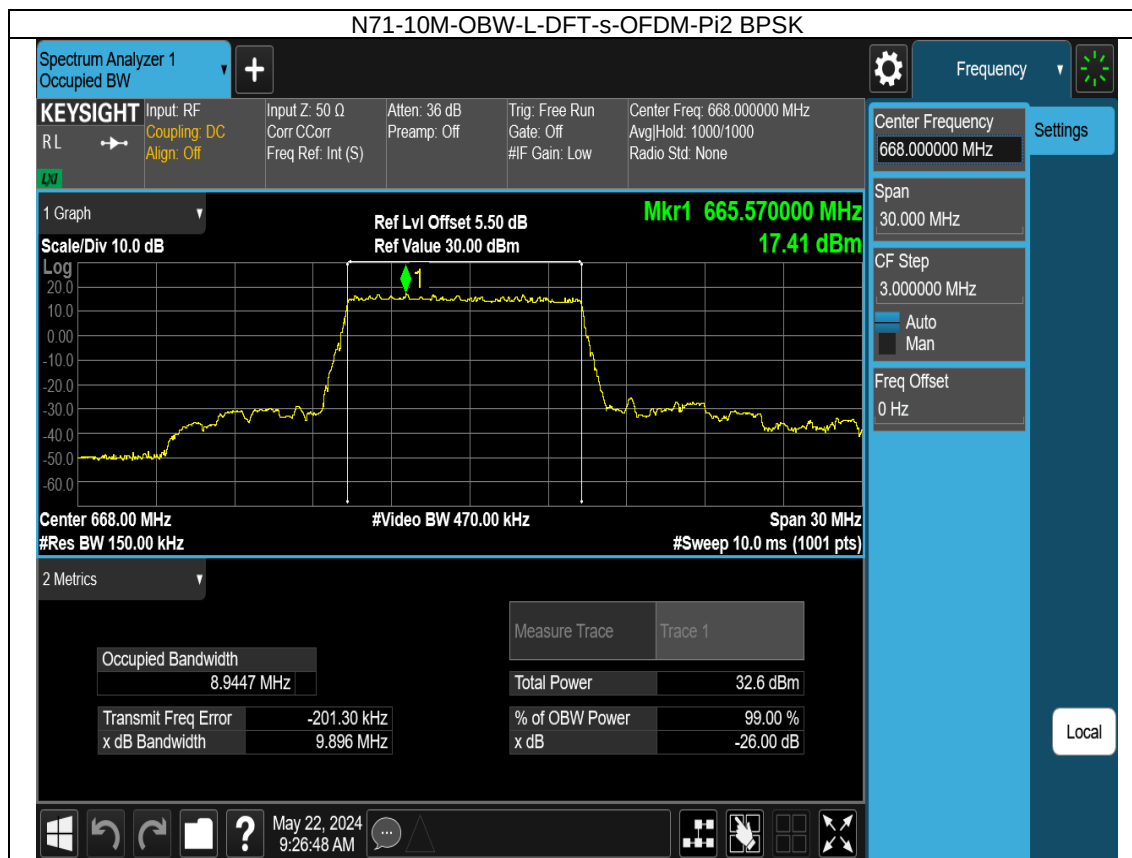


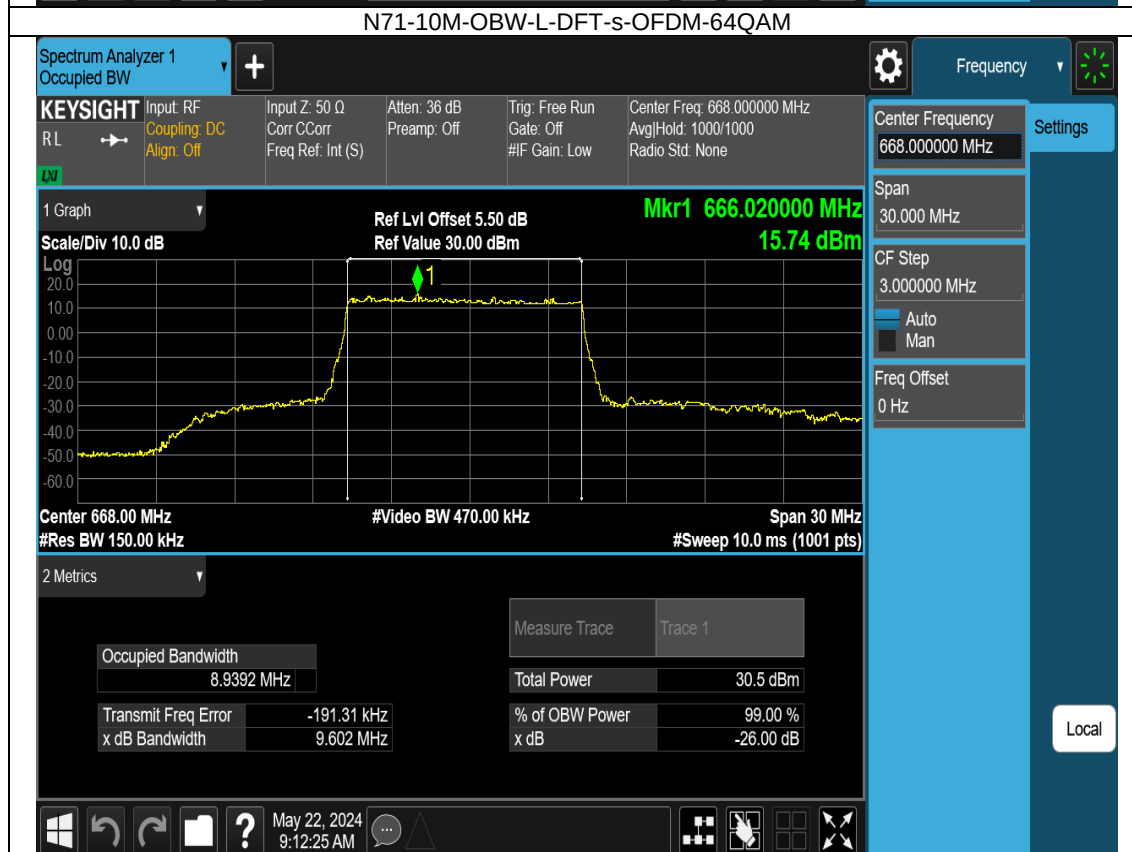
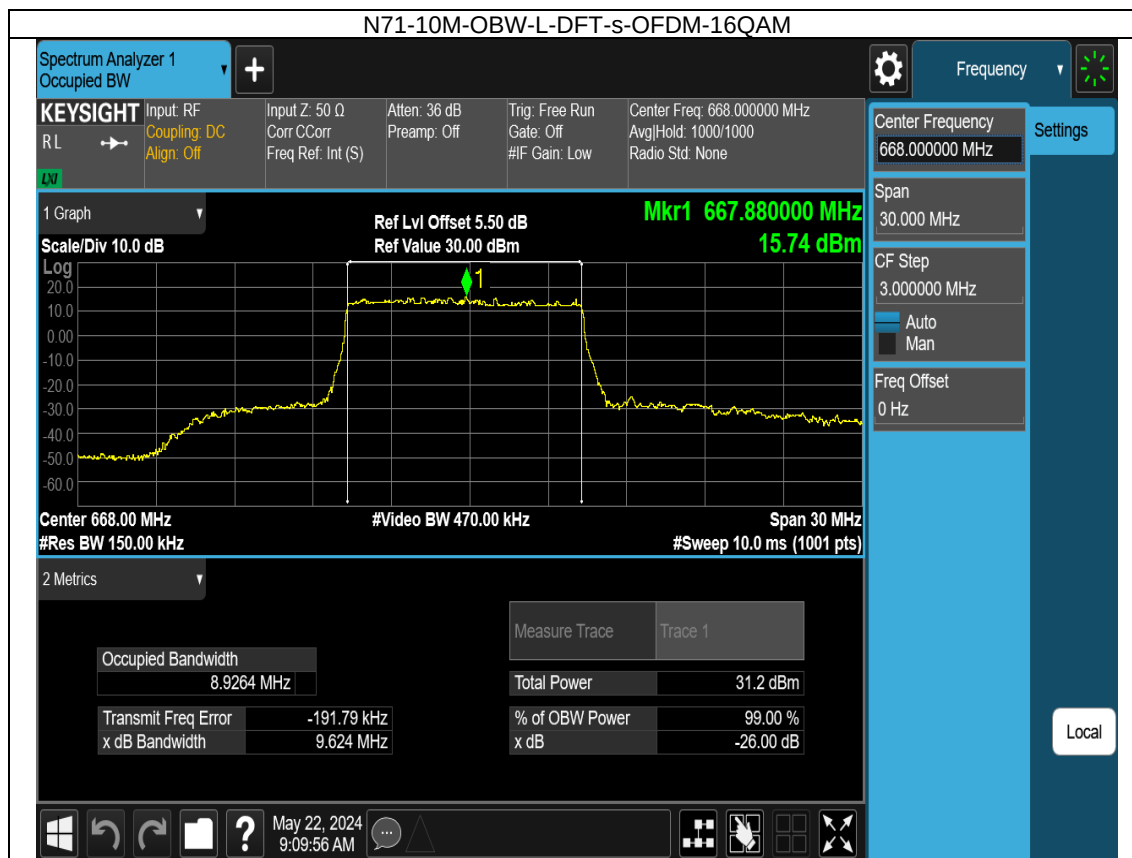
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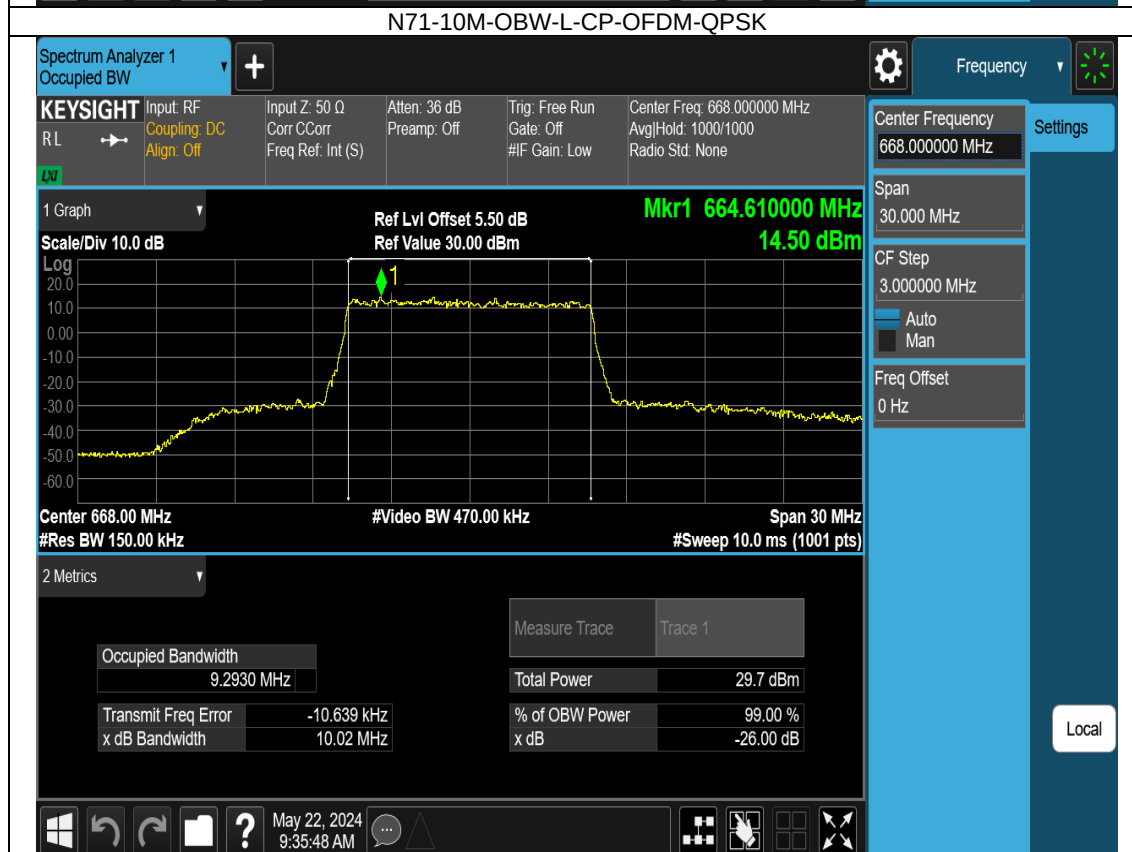
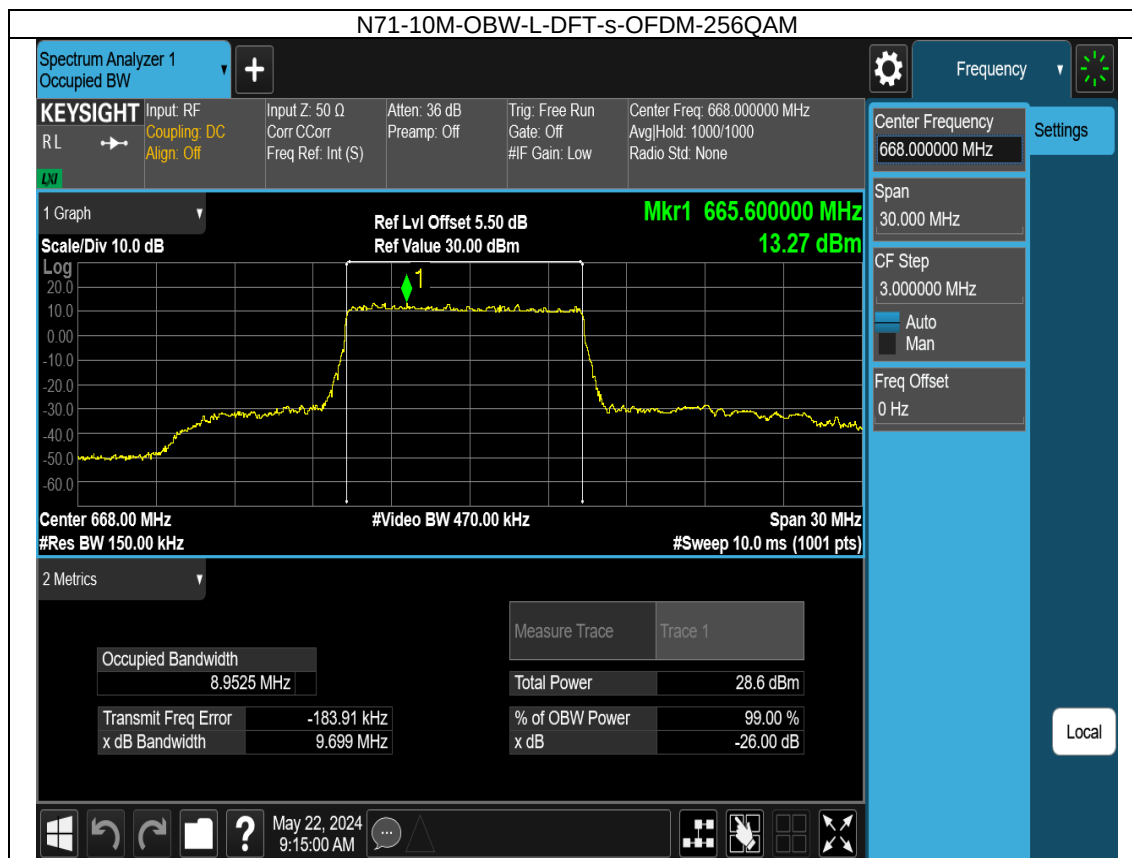


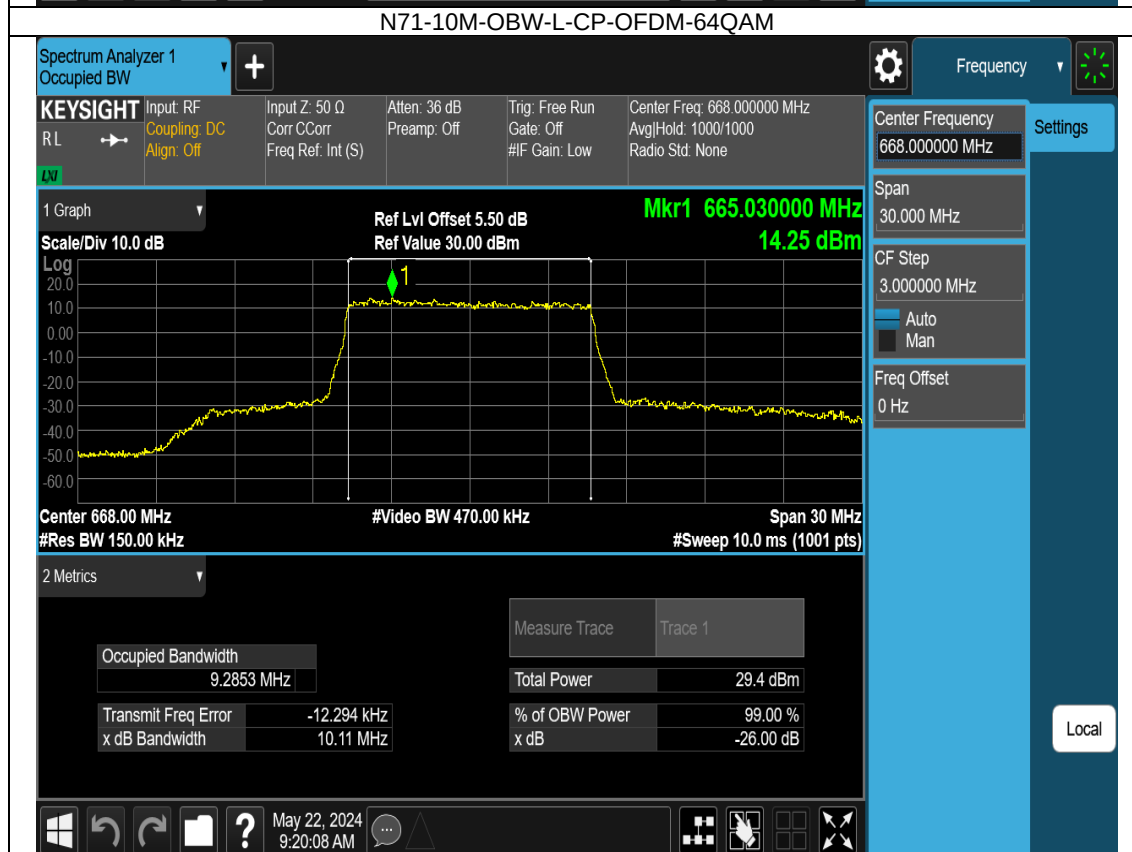
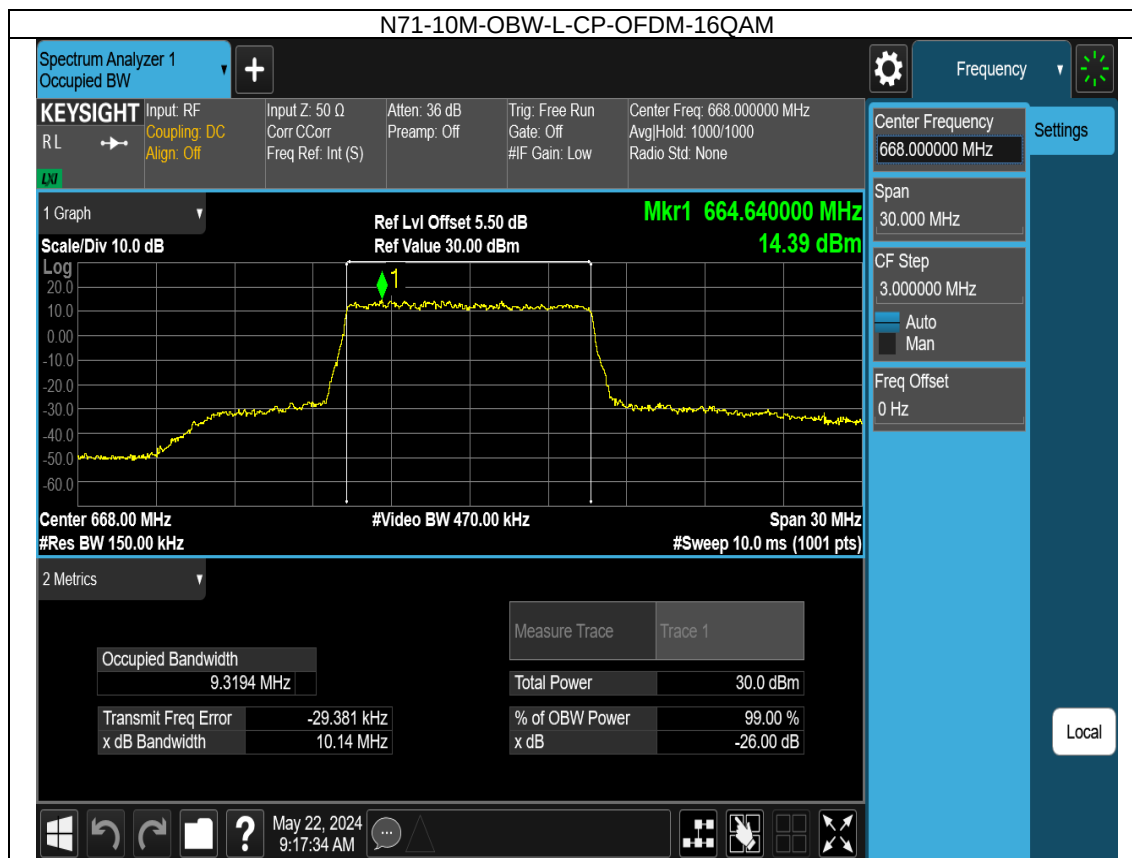


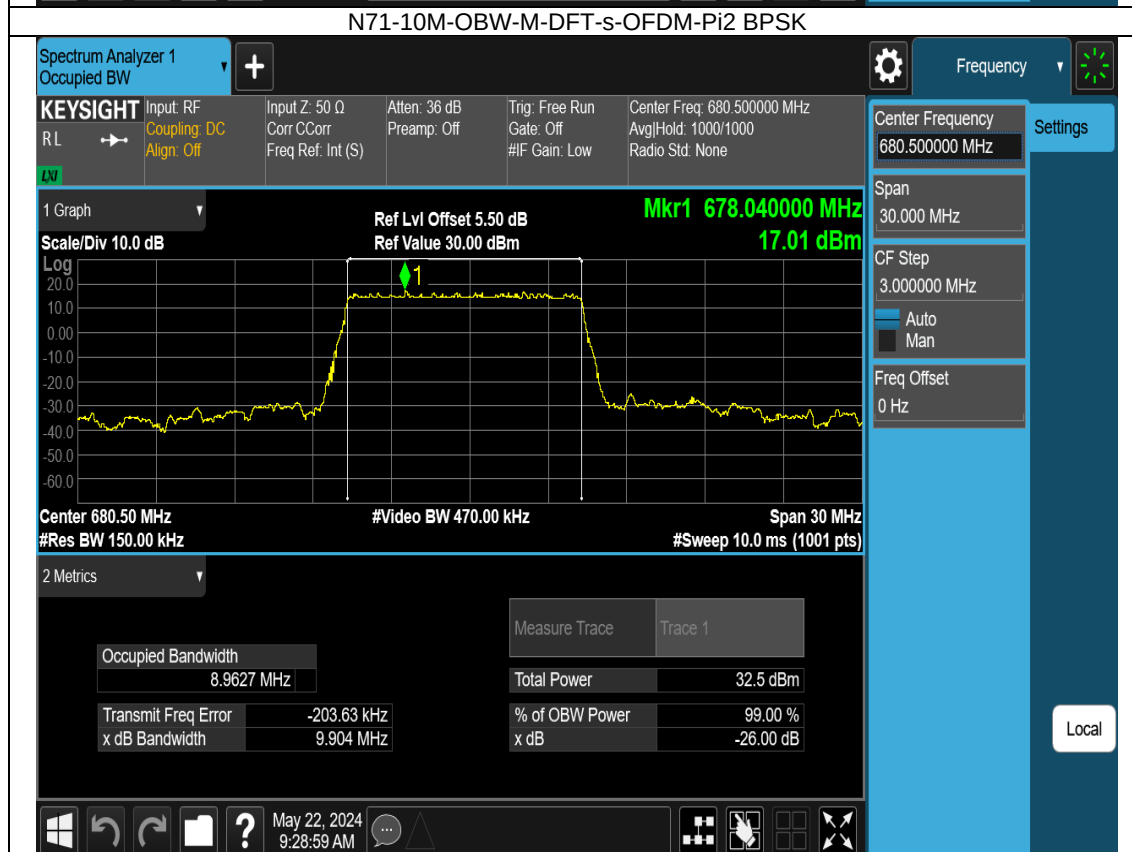
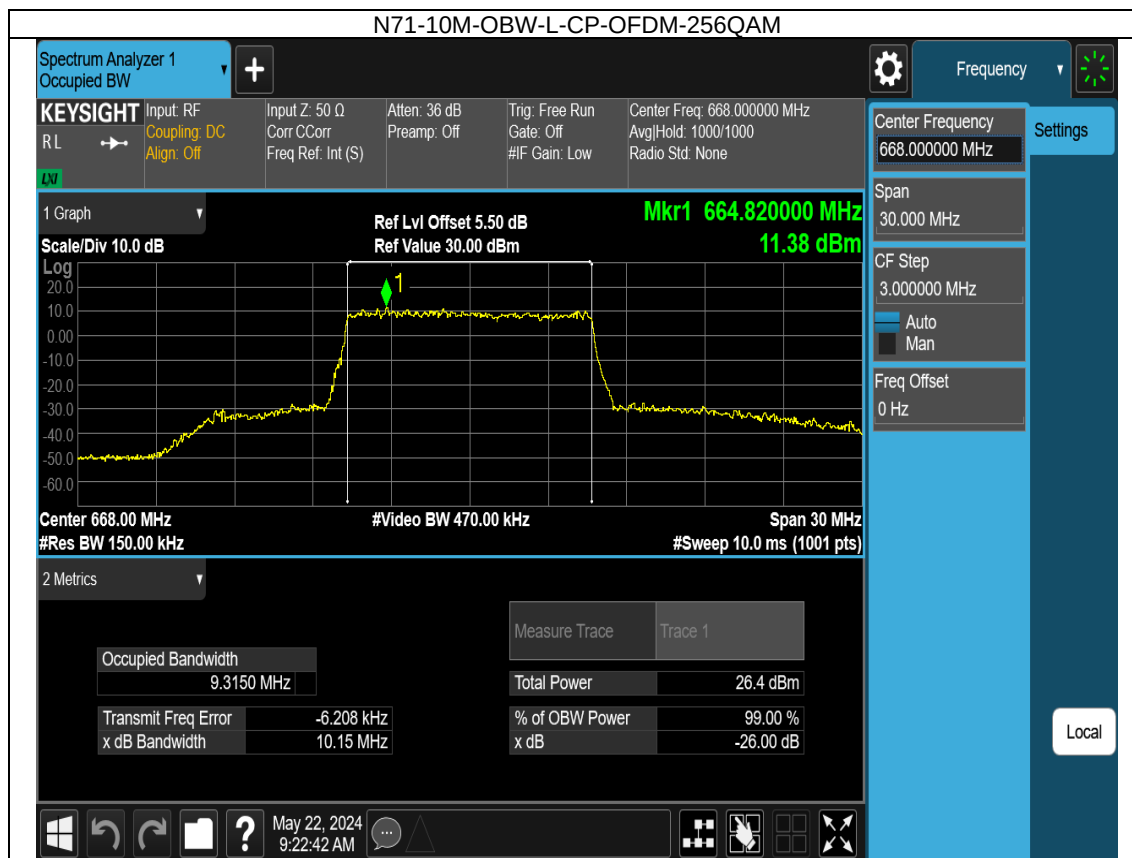




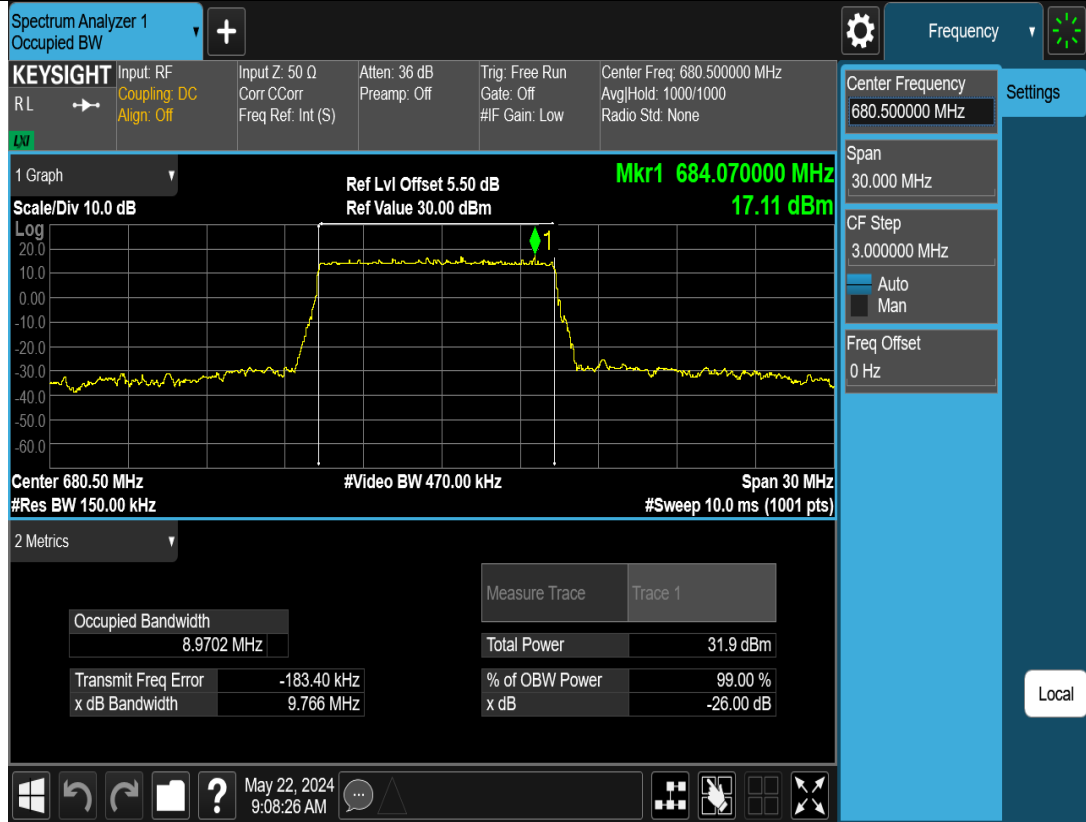




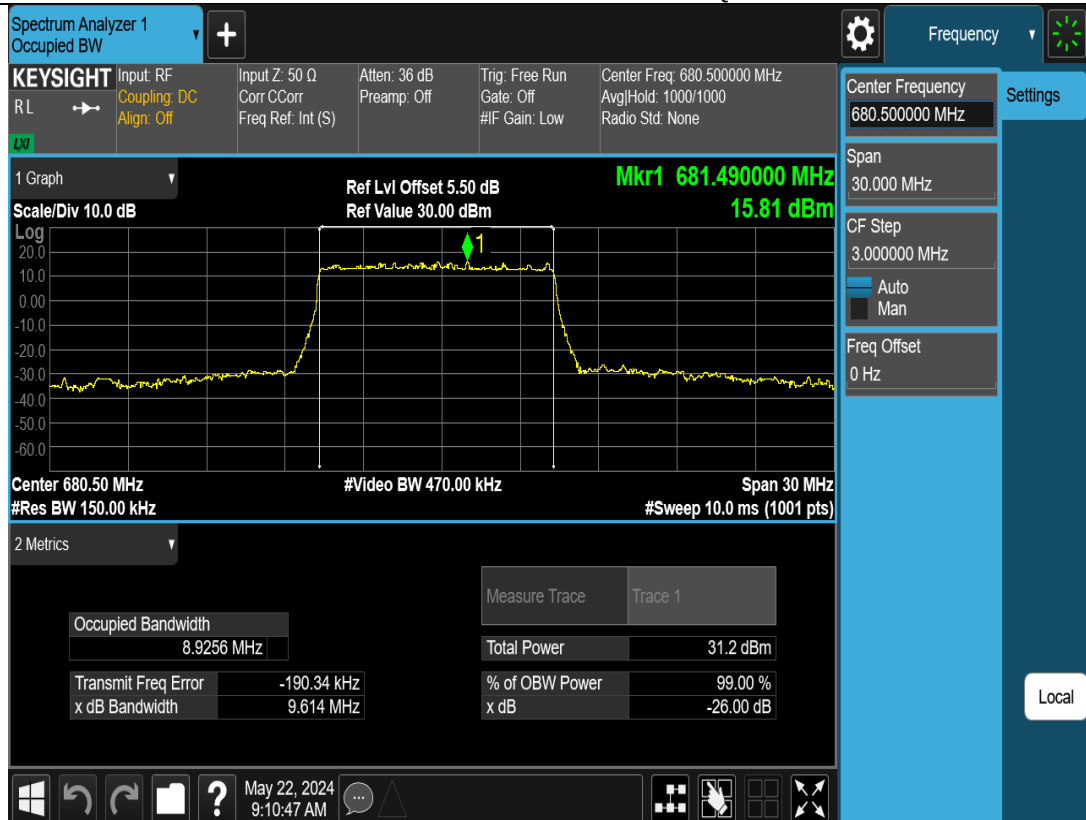


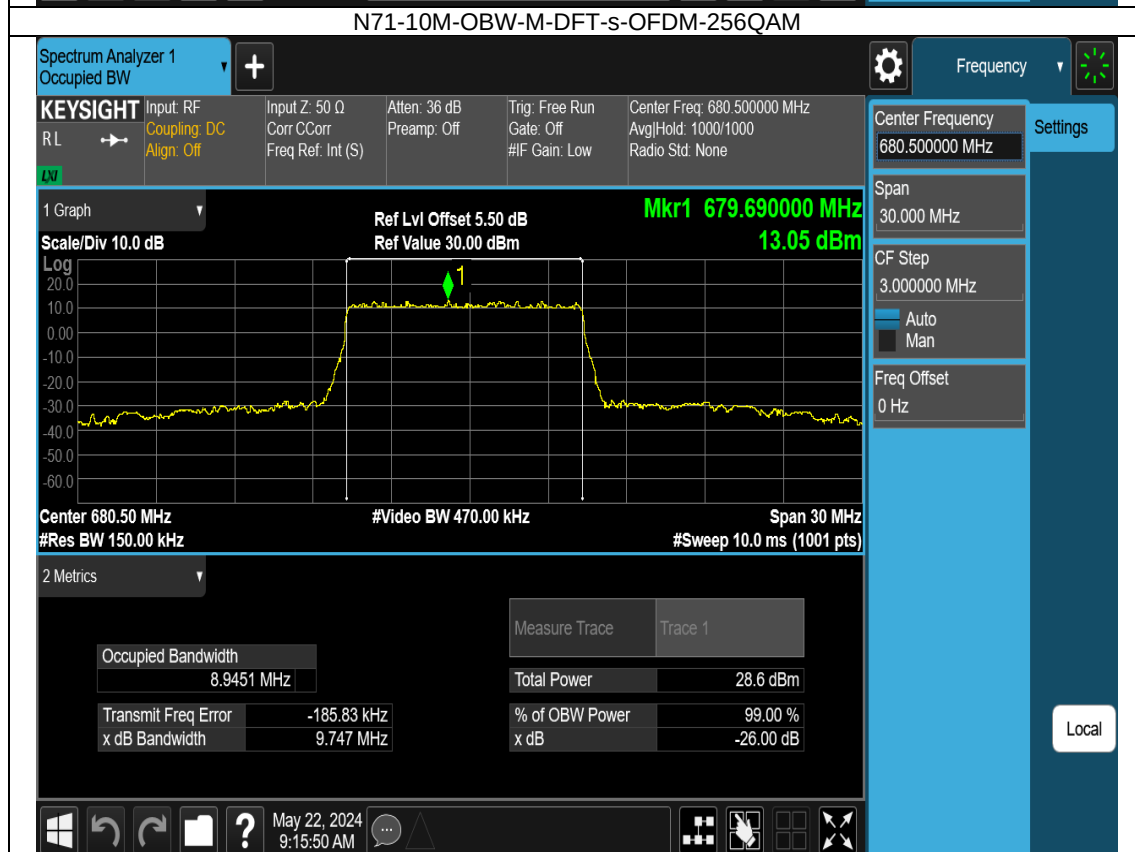
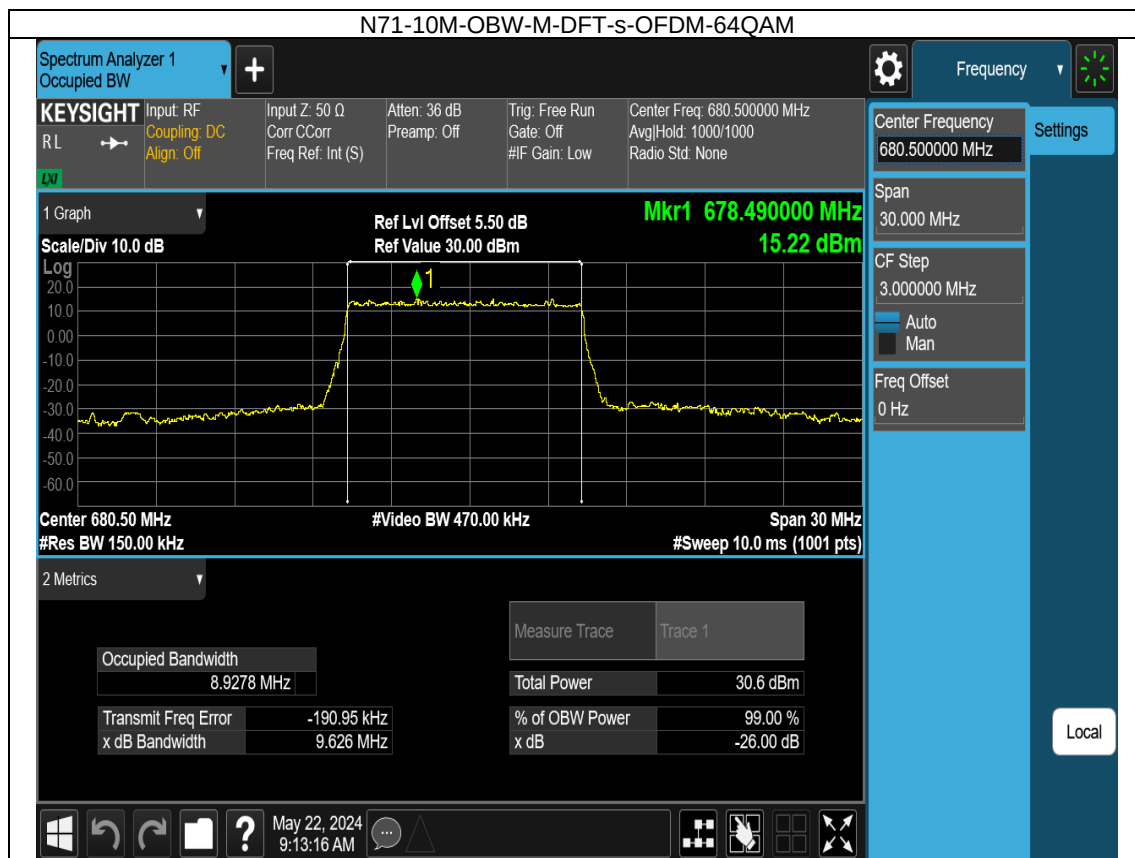


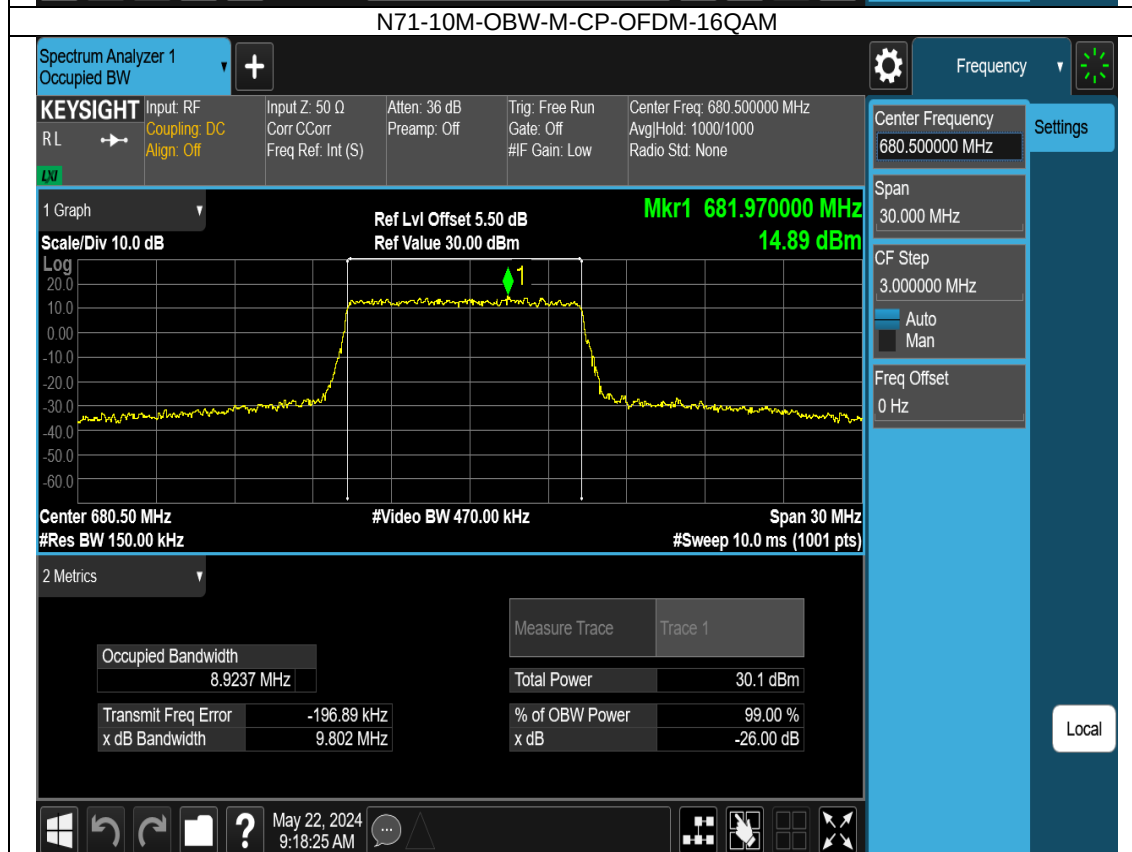
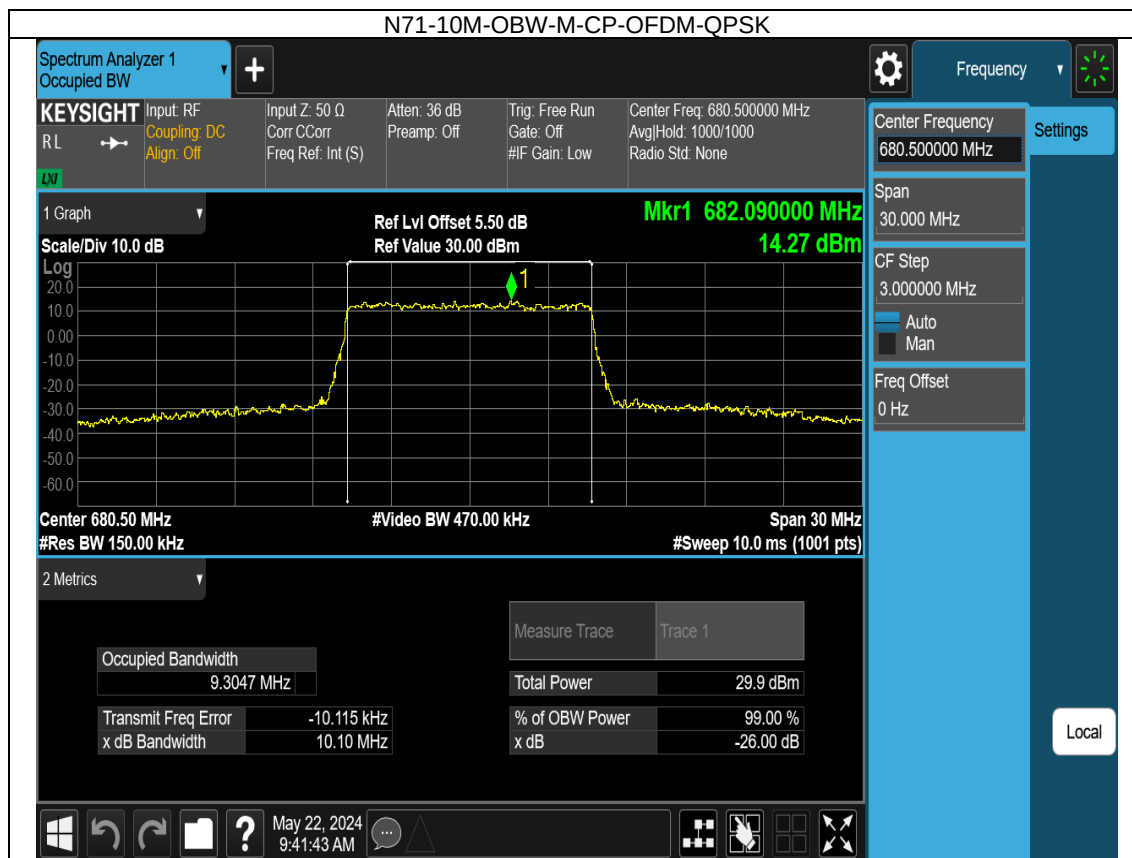
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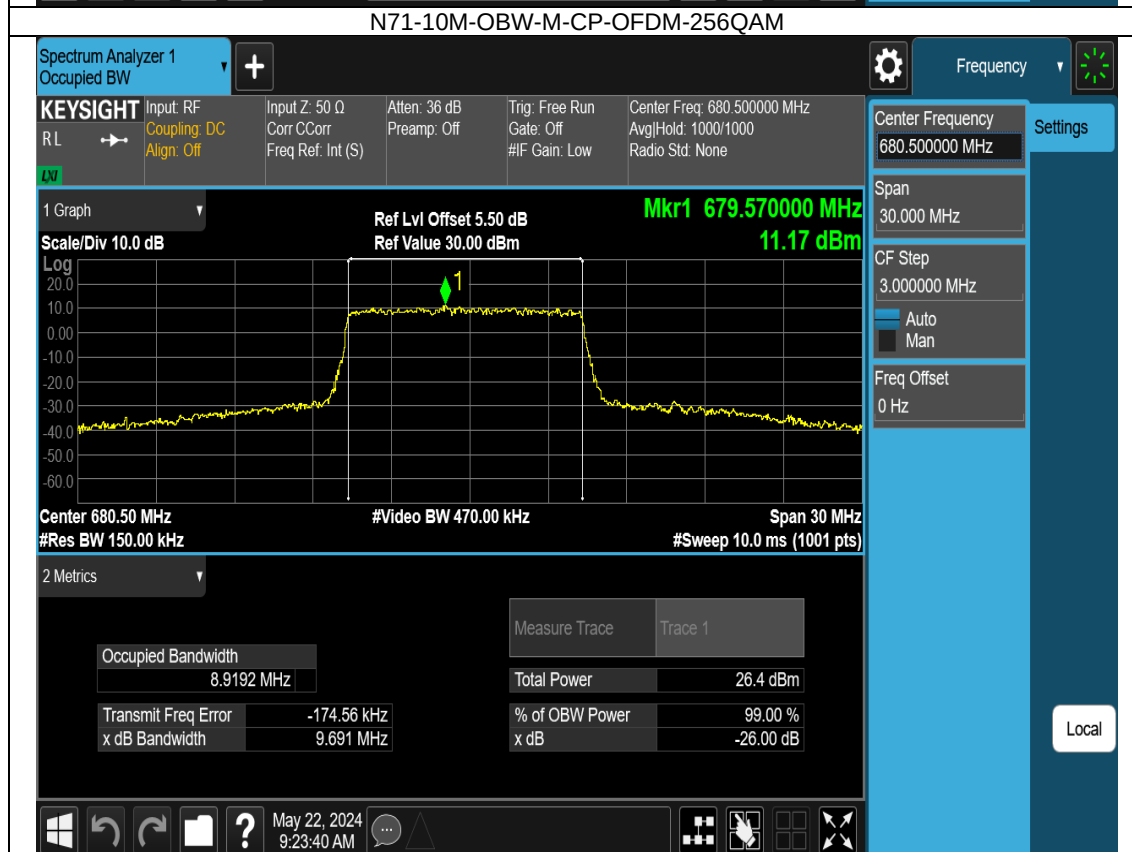
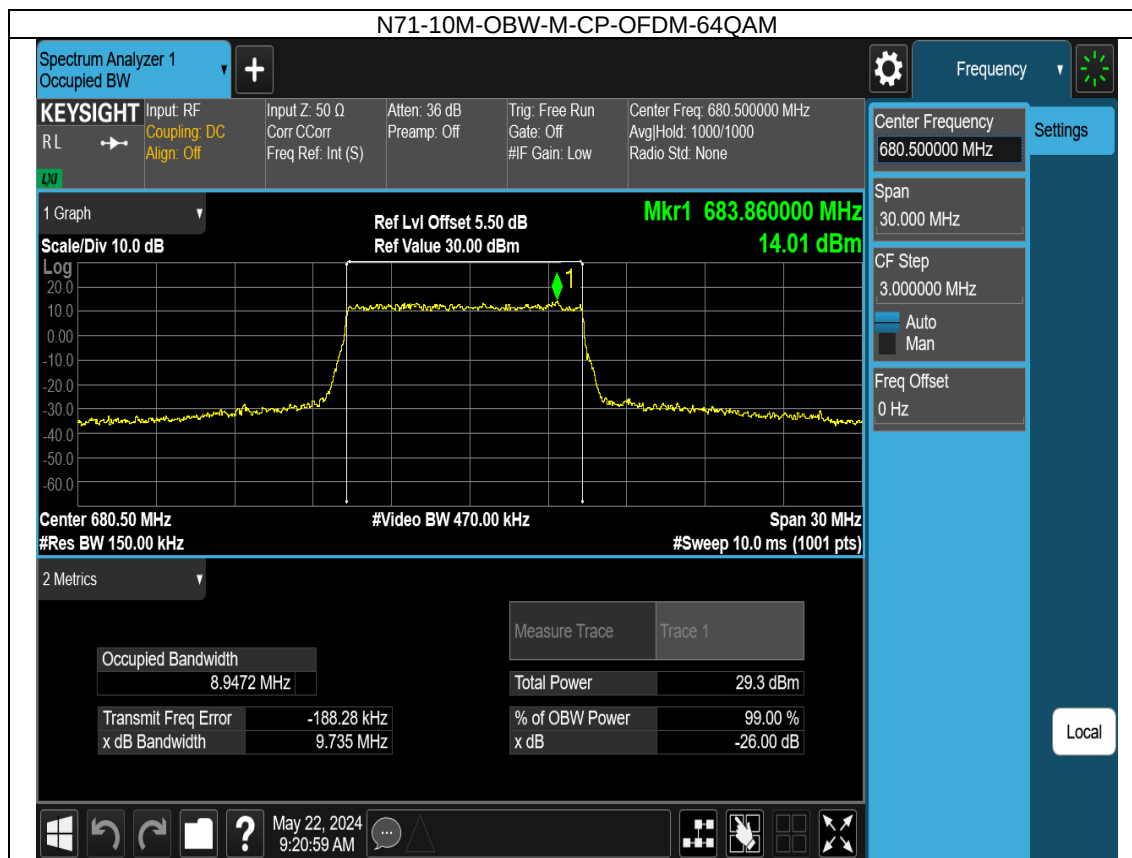


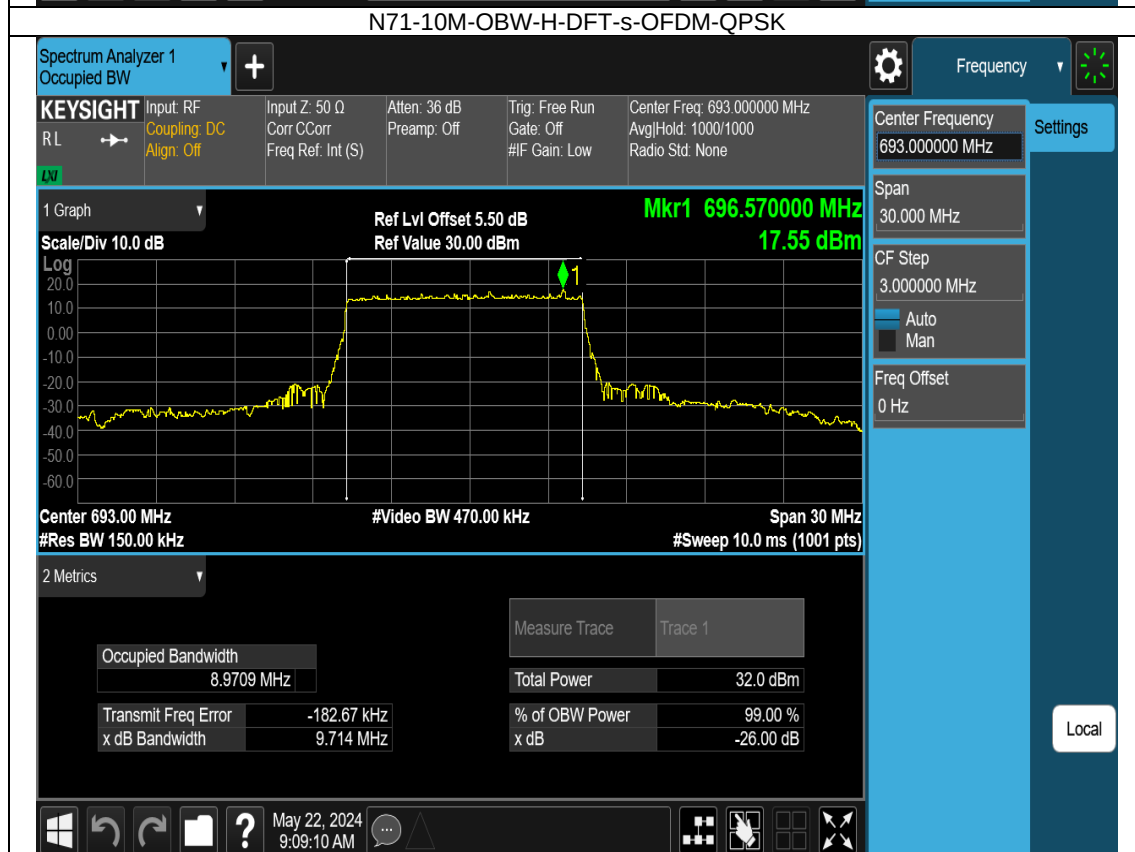
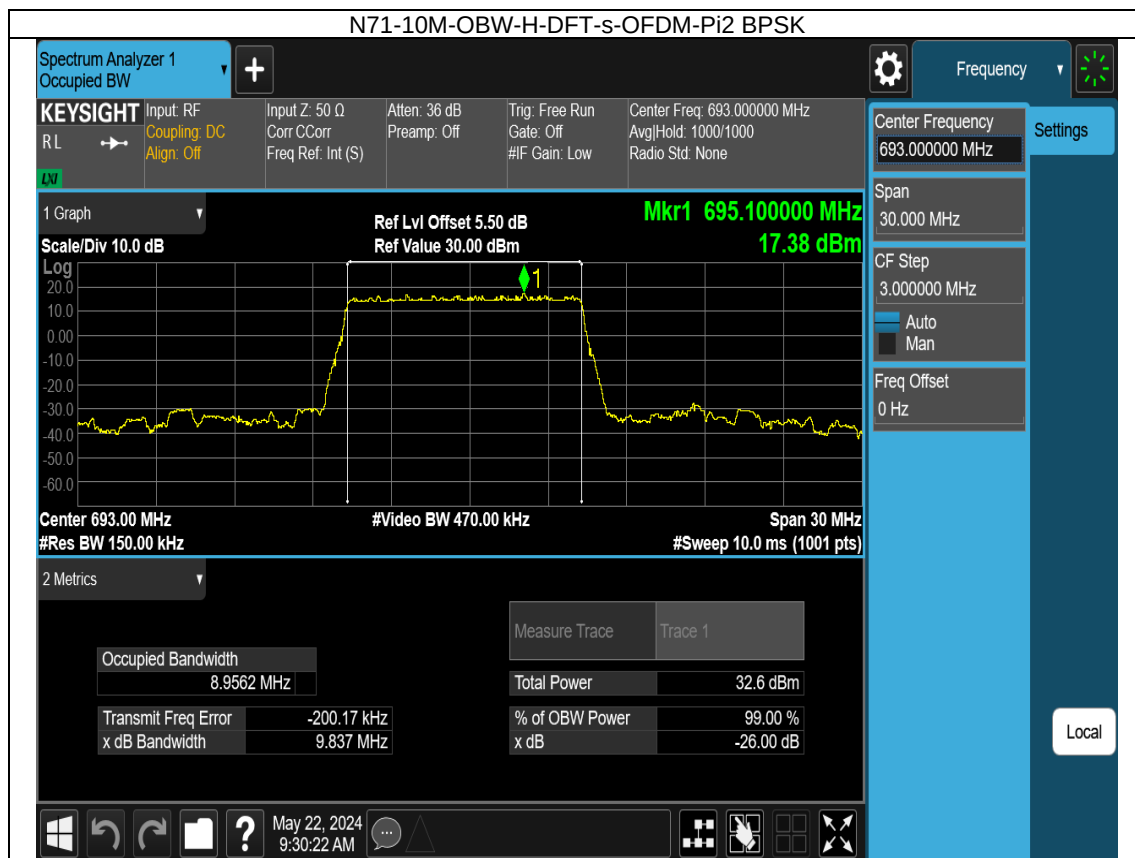
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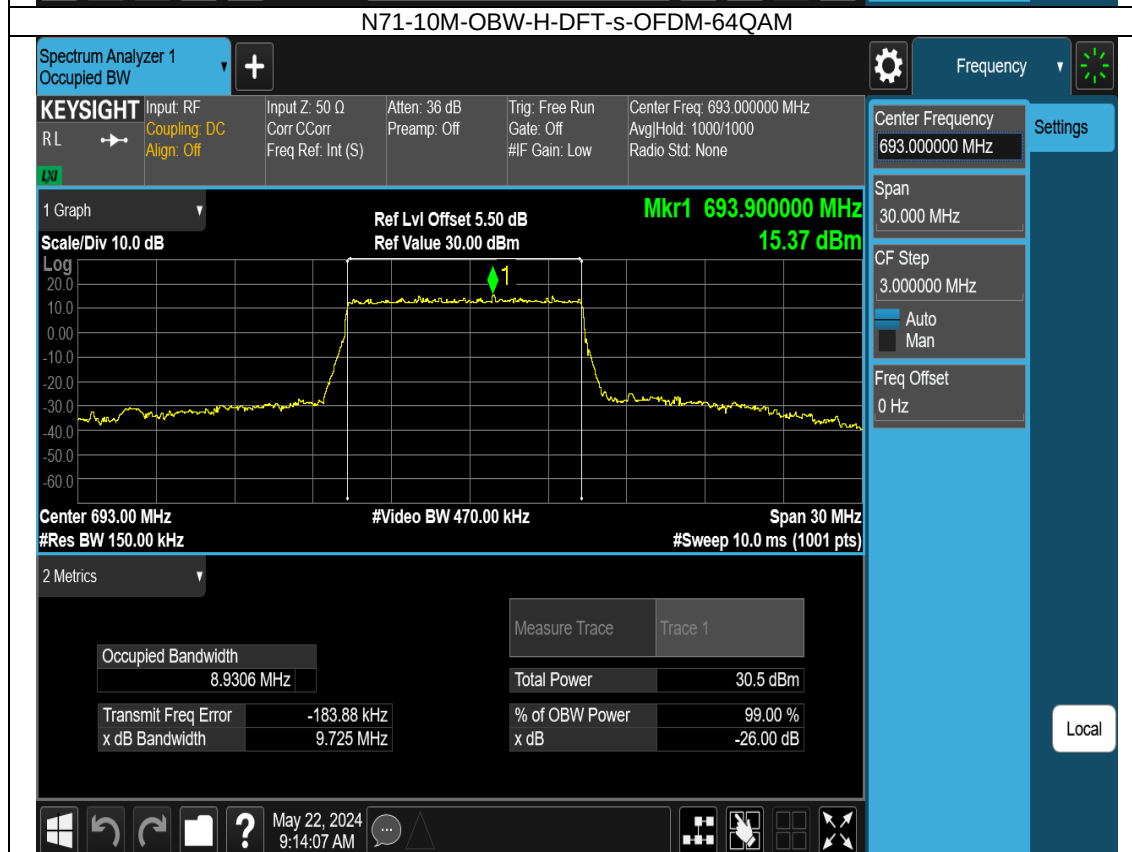
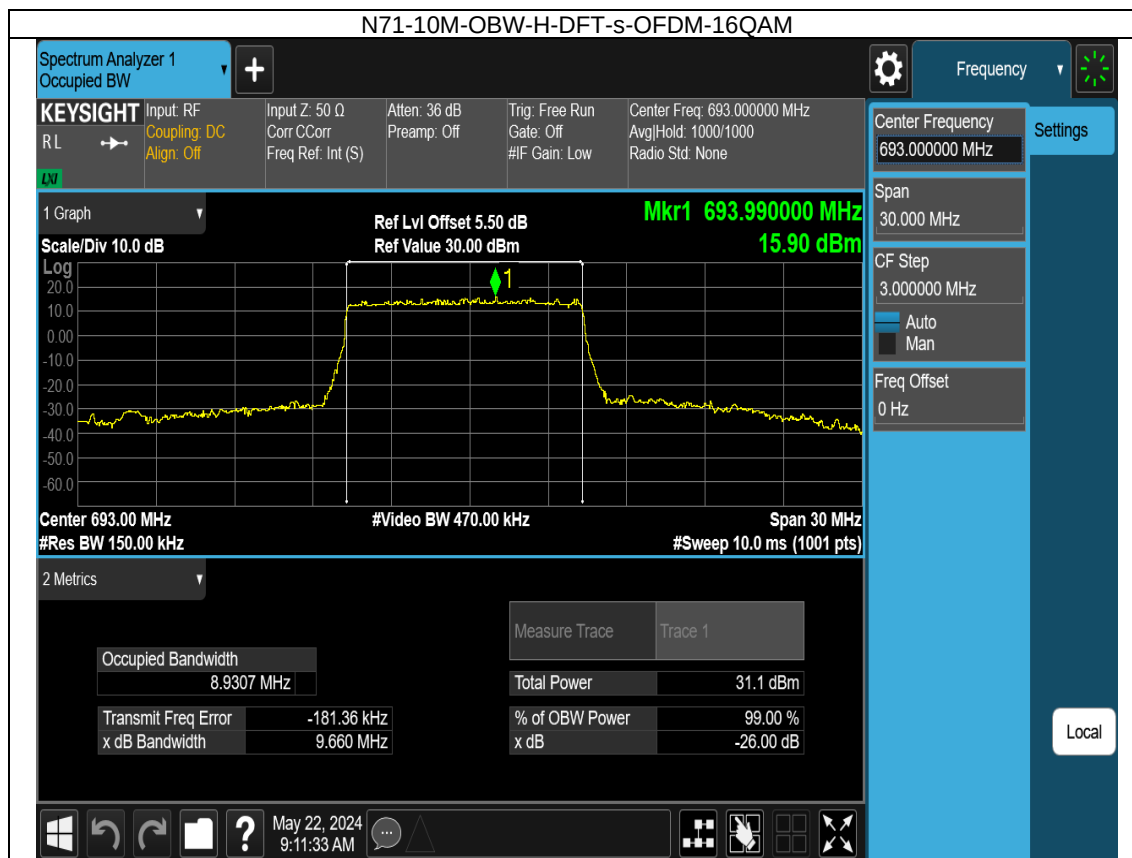


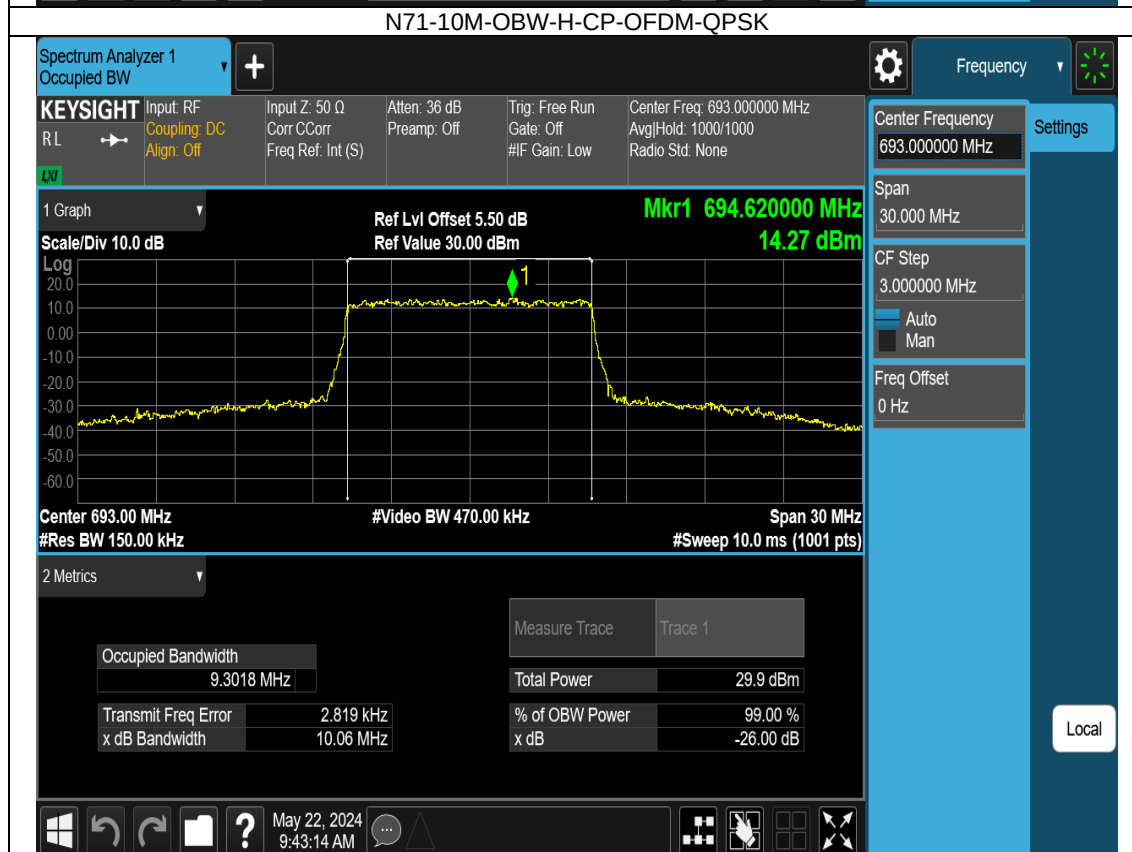
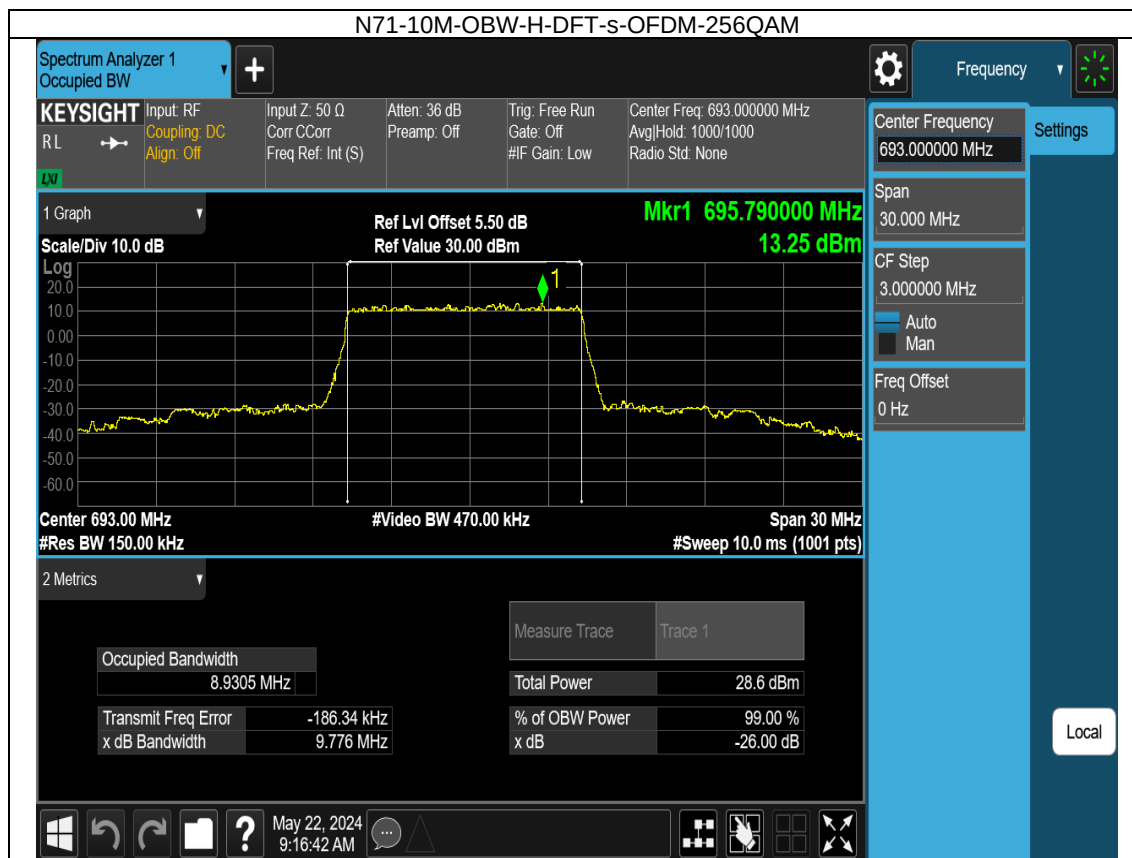


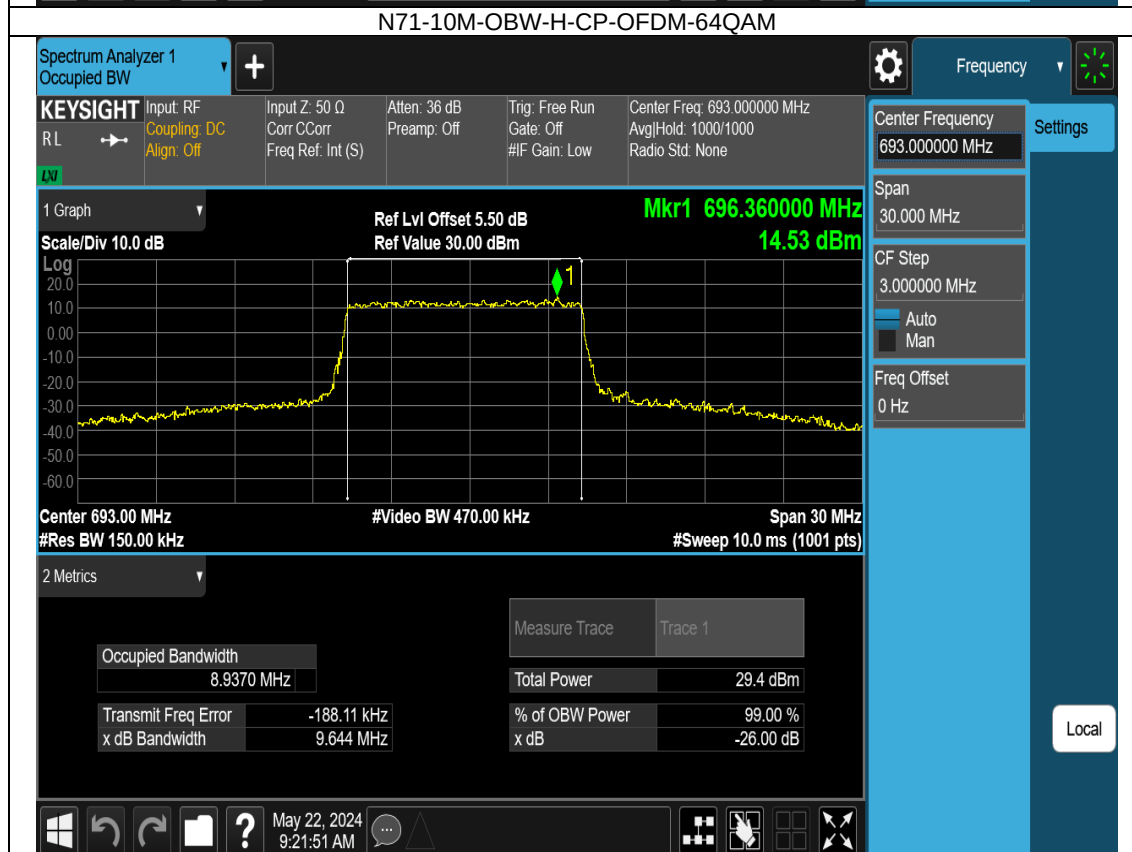
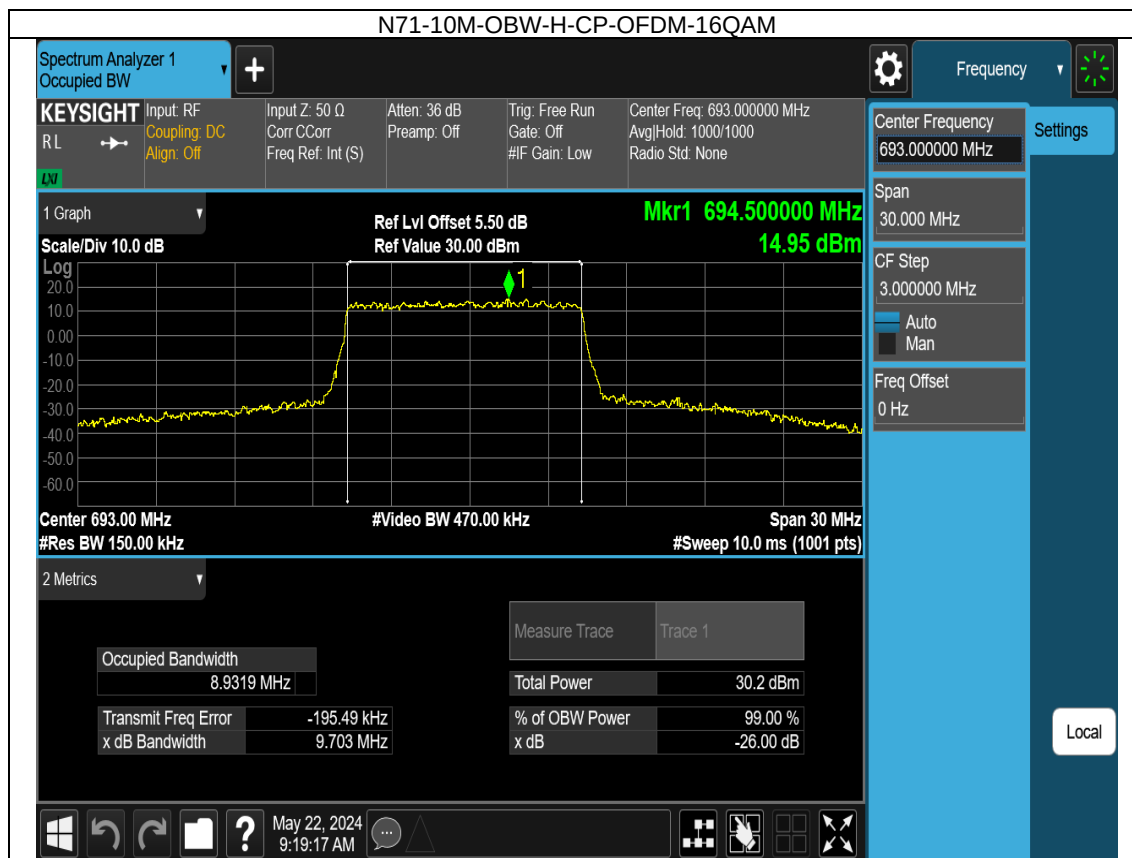




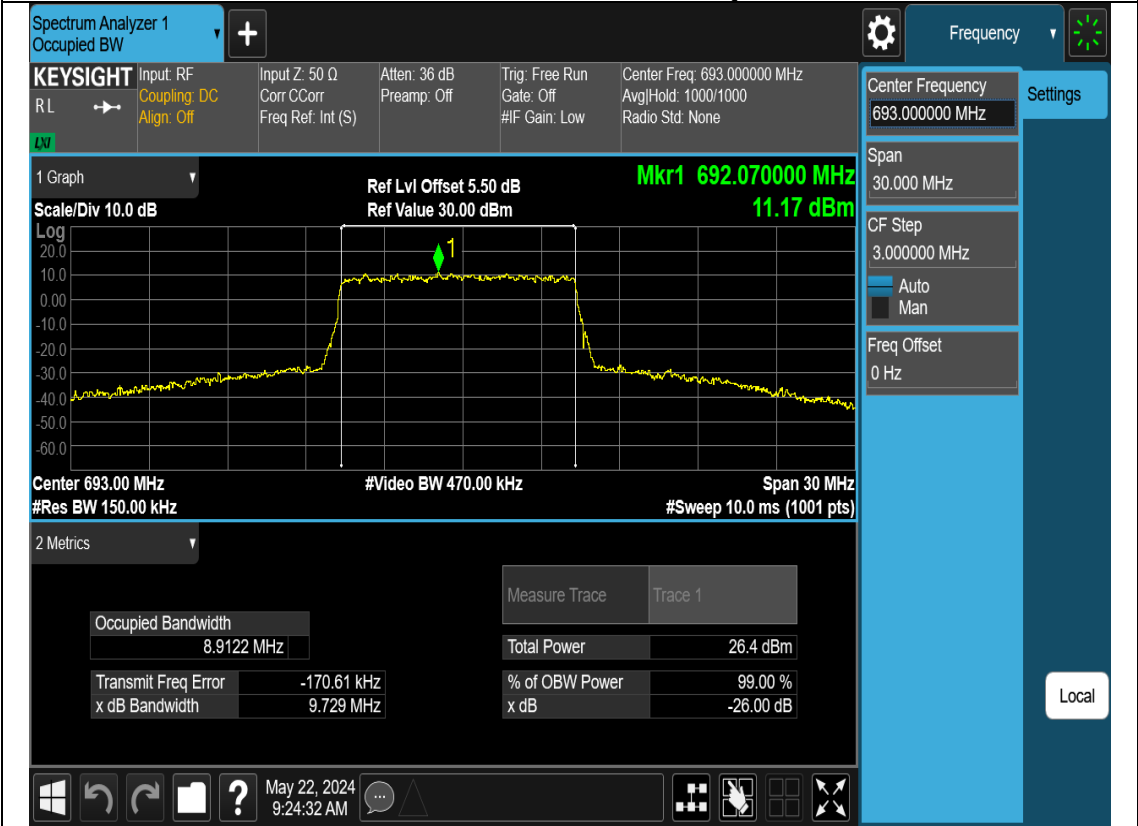




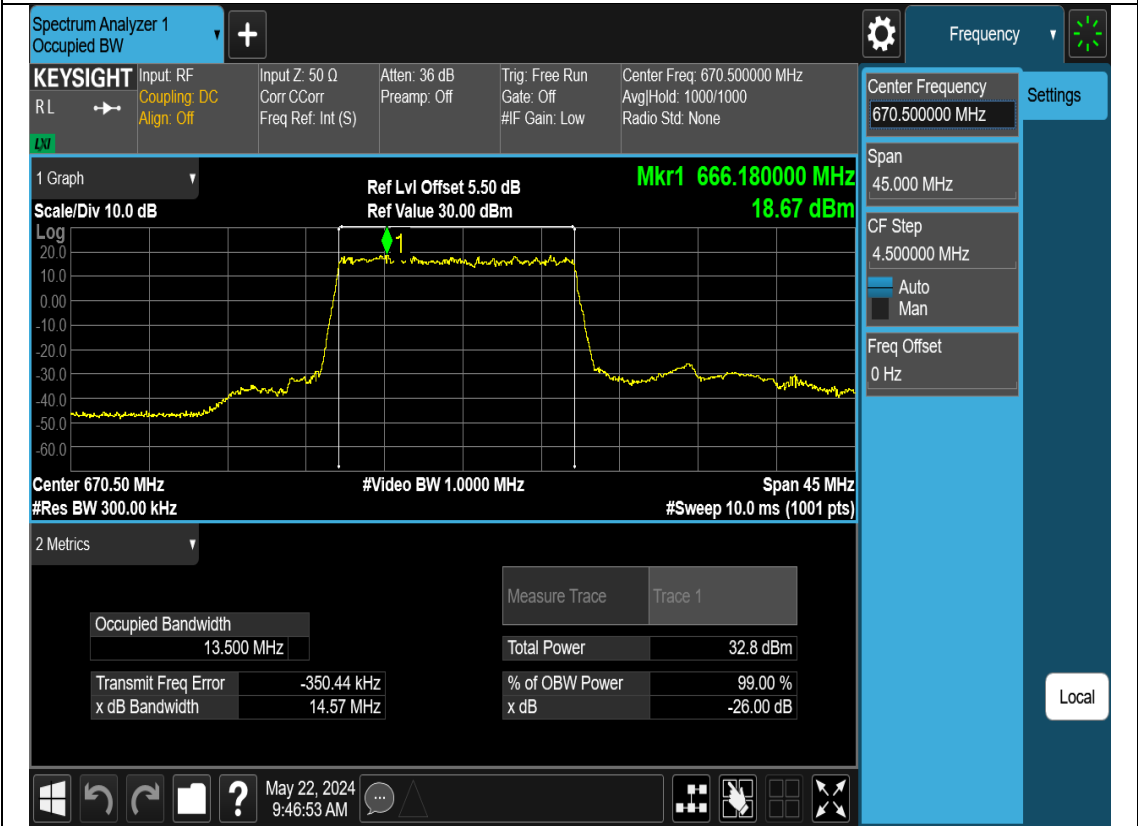




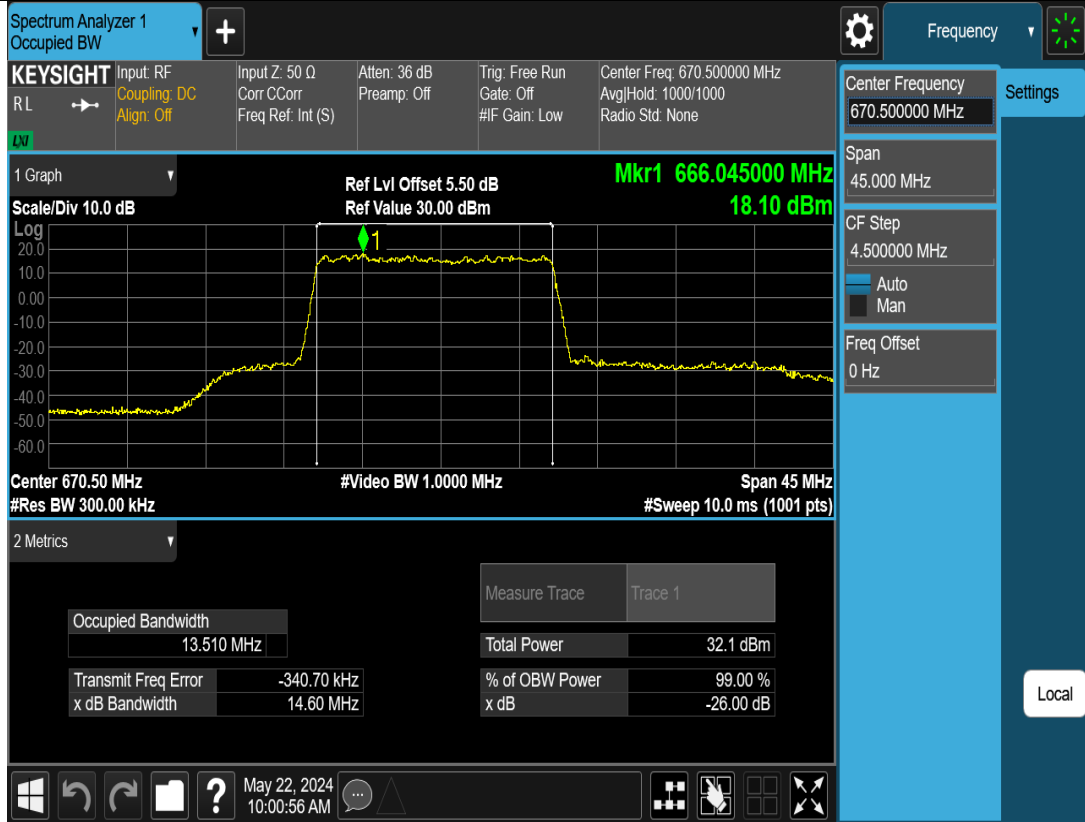
N71-10M-OBW-H-CP-OFDM-256QAM



N71-15M-OBW-L-DFT-s-OFDM-Pi2 BPSK



N71-15M-OBW-L-DFT-s-OFDM-QPSK



N71-15M-OBW-L-DFT-s-OFDM-16QAM

