

99% & 26dB Bandwidth

Test Result

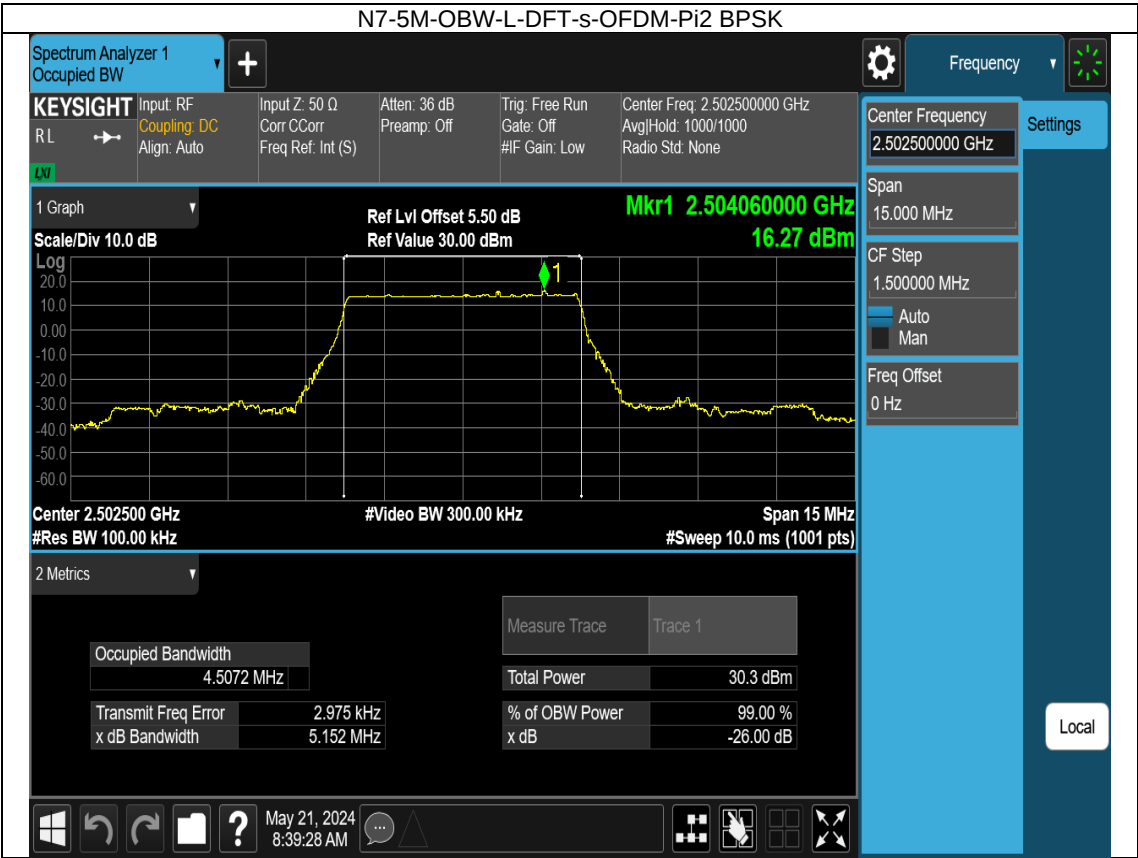
5G NR n7 SCS=15kHz 5MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.507	5.152	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.496	5.146	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.520	5.148	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.522	5.191	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.483	5.077	/	Pass
CP-OFDM QPSK		Outer_Full	4.498	5.174	/	Pass
CP-OFDM 16QAM		Outer_Full	4.496	5.168	/	Pass
CP-OFDM 64QAM		Outer_Full	4.504	5.170	/	Pass
CP-OFDM 256QAM		Outer_Full	4.511	5.214	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.506	5.188	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.507	5.193	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.512	5.158	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.524	5.254	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.491	5.107	/	Pass
CP-OFDM QPSK		Outer_Full	4.490	5.163	/	Pass
CP-OFDM 16QAM		Outer_Full	4.495	5.125	/	Pass
CP-OFDM 64QAM		Outer_Full	4.512	5.178	/	Pass
CP-OFDM 256QAM		Outer_Full	4.511	5.192	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.499	5.137	/	Pass
DFT-s-OFDM QPSK		Outer_Full	4.504	5.203	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	4.515	5.167	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	4.512	5.233	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	4.493	5.119	/	Pass
CP-OFDM QPSK		Outer_Full	4.494	5.160	/	Pass
CP-OFDM 16QAM		Outer_Full	4.503	5.173	/	Pass
CP-OFDM 64QAM		Outer_Full	4.504	5.109	/	Pass
CP-OFDM 256QAM		Outer_Full	4.527	5.228	/	Pass

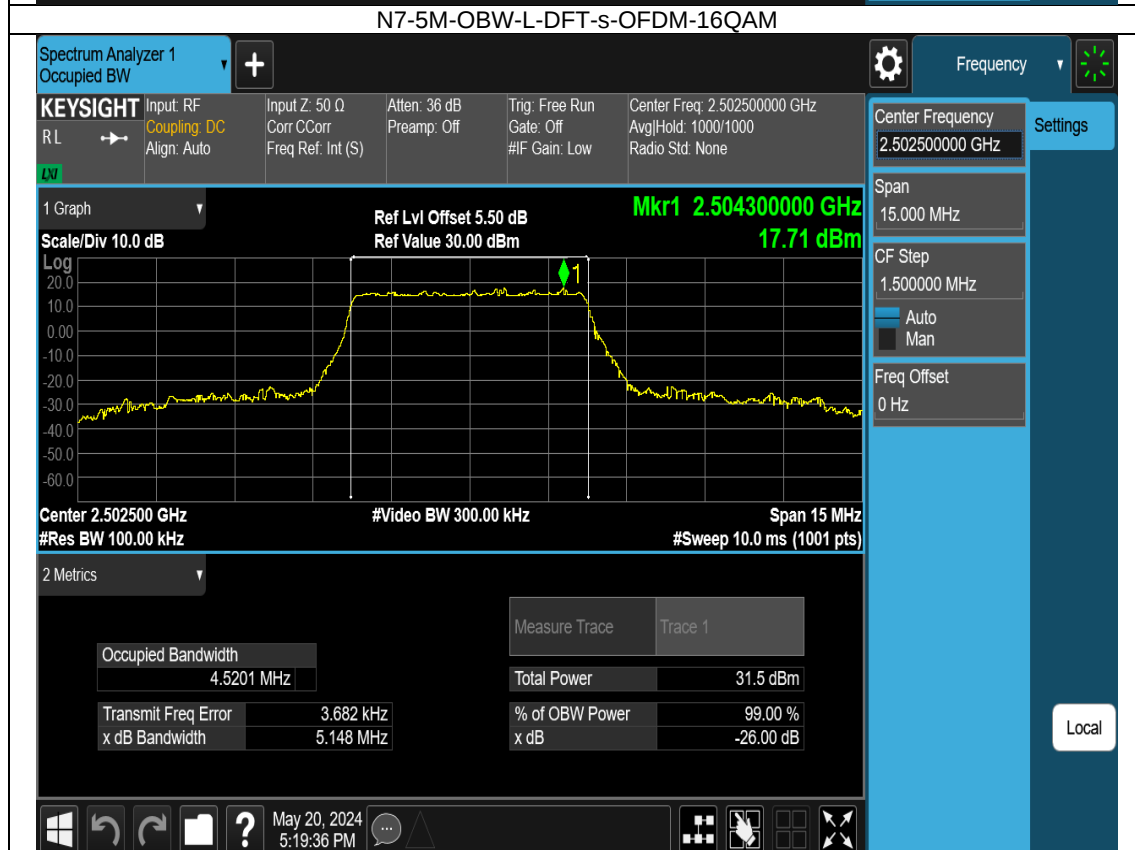
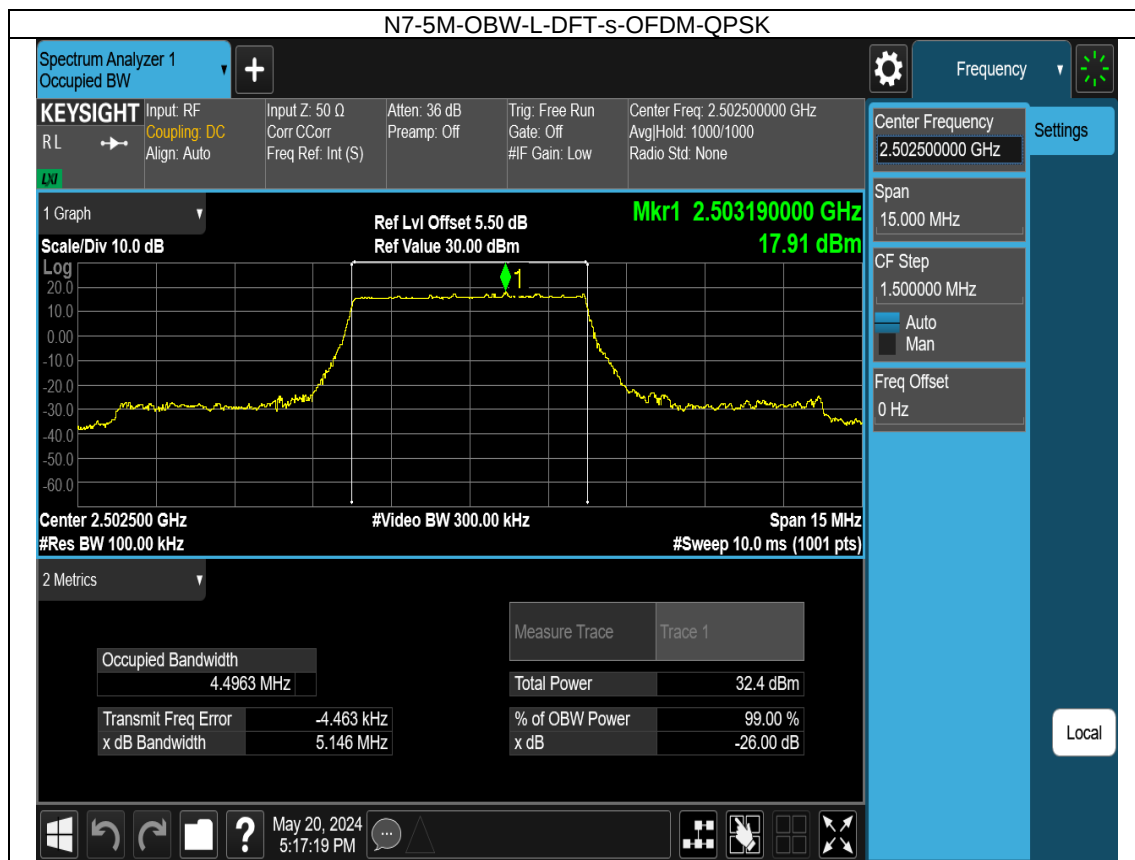
5G NR n7 SCS=15kHz 10MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	8.962	9.734	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.960	9.650	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.987	9.785	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.960	9.641	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.956	9.746	/	Pass
CP-OFDM QPSK		Outer_Full	9.323	10.14	/	Pass
CP-OFDM 16QAM		Outer_Full	9.316	10.21	/	Pass
CP-OFDM 64QAM		Outer_Full	9.310	10.10	/	Pass
CP-OFDM 256QAM		Outer_Full	9.298	10.10	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	8.951	9.817	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.973	9.839	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.982	9.812	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.961	9.724	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.966	9.742	/	Pass
CP-OFDM QPSK		Outer_Full	9.284	9.995	/	Pass
CP-OFDM 16QAM		Outer_Full	8.948	9.820	/	Pass
CP-OFDM 64QAM		Outer_Full	8.959	9.716	/	Pass
CP-OFDM 256QAM		Outer_Full	9.334	10.22	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	8.954	9.764	/	Pass
DFT-s-OFDM QPSK		Outer_Full	8.961	9.738	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	8.978	9.698	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	8.940	9.703	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	8.959	9.721	/	Pass
CP-OFDM QPSK		Outer_Full	9.309	10.22	/	Pass
CP-OFDM 16QAM		Outer_Full	8.948	9.848	/	Pass
CP-OFDM 64QAM		Outer_Full	8.951	9.734	/	Pass
CP-OFDM 256QAM		Outer_Full	8.933	9.676	/	Pass

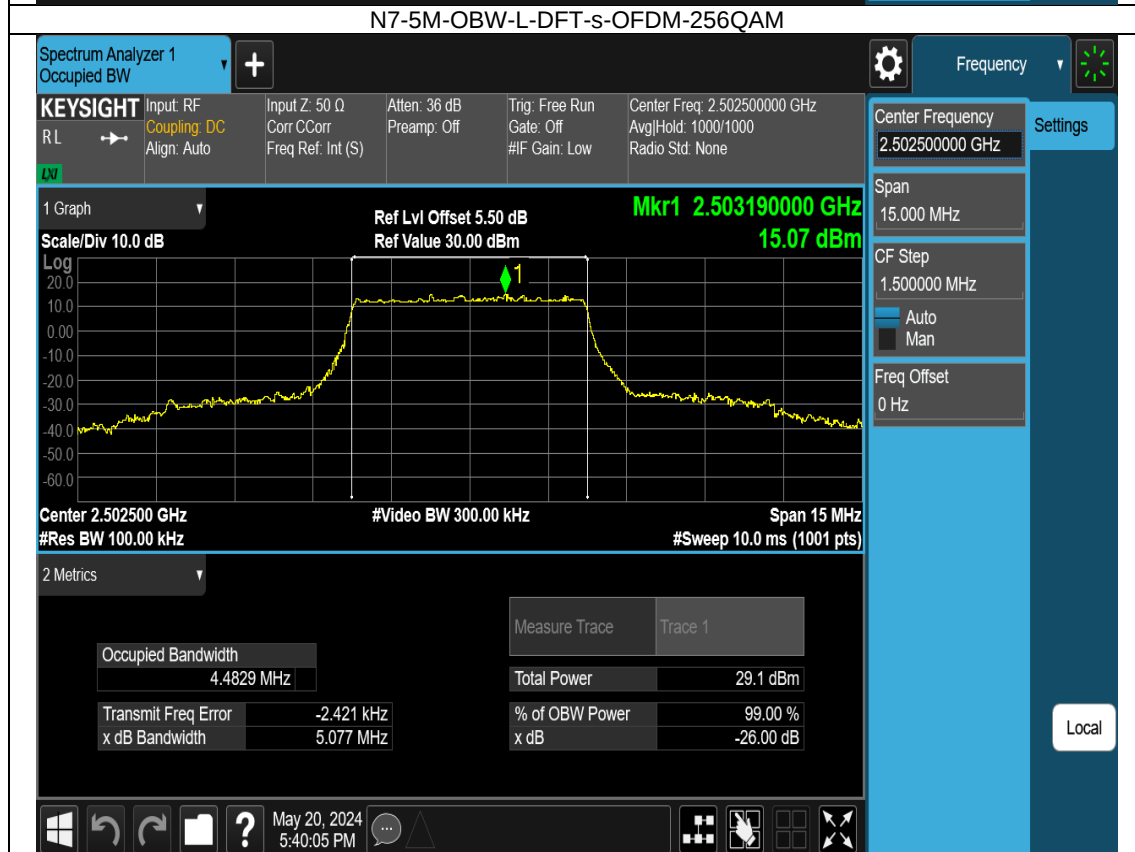
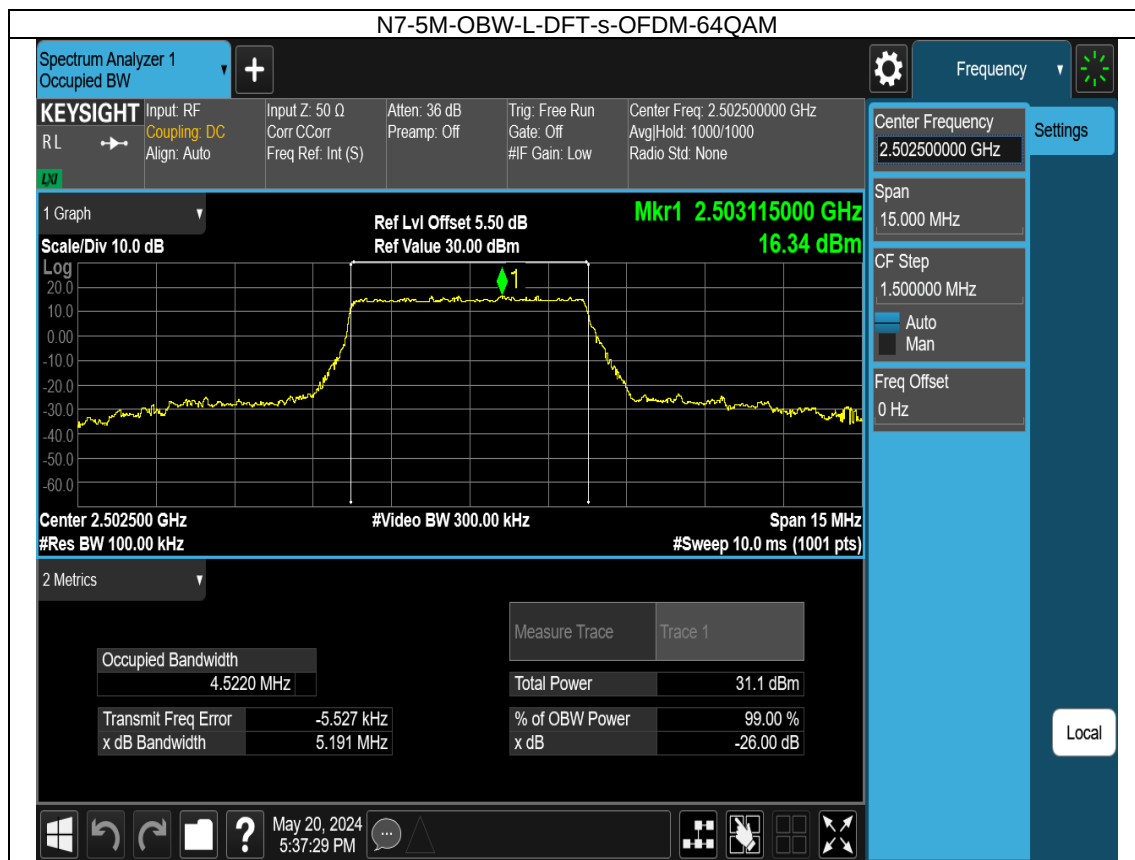
5G NR n7 SCS=15kHz 15MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	13.445	14.57	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.483	14.44	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.455	14.60	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.472	14.45	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.462	14.48	/	Pass
CP-OFDM QPSK		Outer_Full	14.117	15.21	/	Pass
CP-OFDM 16QAM		Outer_Full	14.105	15.19	/	Pass
CP-OFDM 64QAM		Outer_Full	14.149	15.19	/	Pass
CP-OFDM 256QAM		Outer_Full	14.183	15.27	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	13.469	14.57	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.497	14.54	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.482	14.62	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.479	14.44	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.486	14.47	/	Pass
CP-OFDM QPSK		Outer_Full	14.13	15.14	/	Pass
CP-OFDM 16QAM		Outer_Full	13.459	14.48	/	Pass
CP-OFDM 64QAM		Outer_Full	13.448	14.52	/	Pass
CP-OFDM 256QAM		Outer_Full	13.438	14.63	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	13.48	14.59	/	Pass
DFT-s-OFDM QPSK		Outer_Full	13.469	14.55	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	13.483	14.63	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	13.468	14.45	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	13.484	14.44	/	Pass
CP-OFDM QPSK		Outer_Full	14.133	15.18	/	Pass
CP-OFDM 16QAM		Outer_Full	13.482	14.44	/	Pass
CP-OFDM 64QAM		Outer_Full	13.450	14.47	/	Pass
CP-OFDM 256QAM		Outer_Full	13.445	14.55	/	Pass

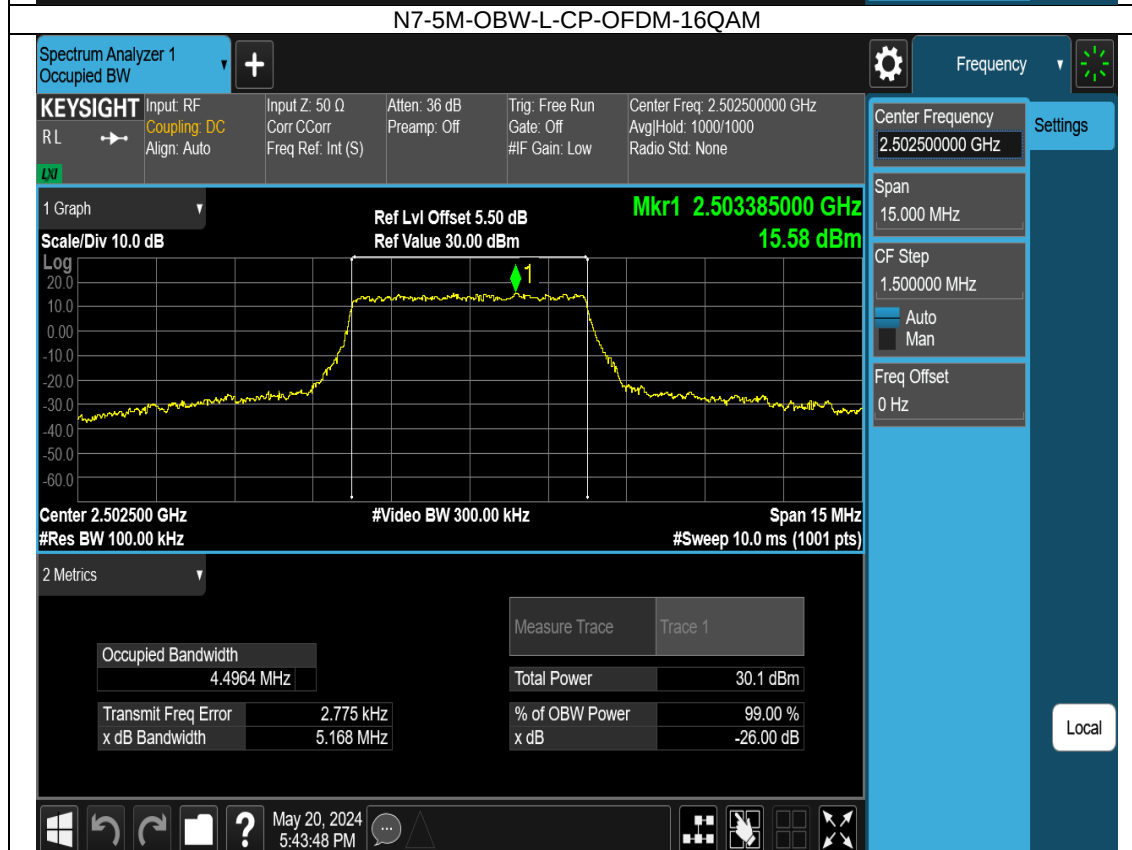
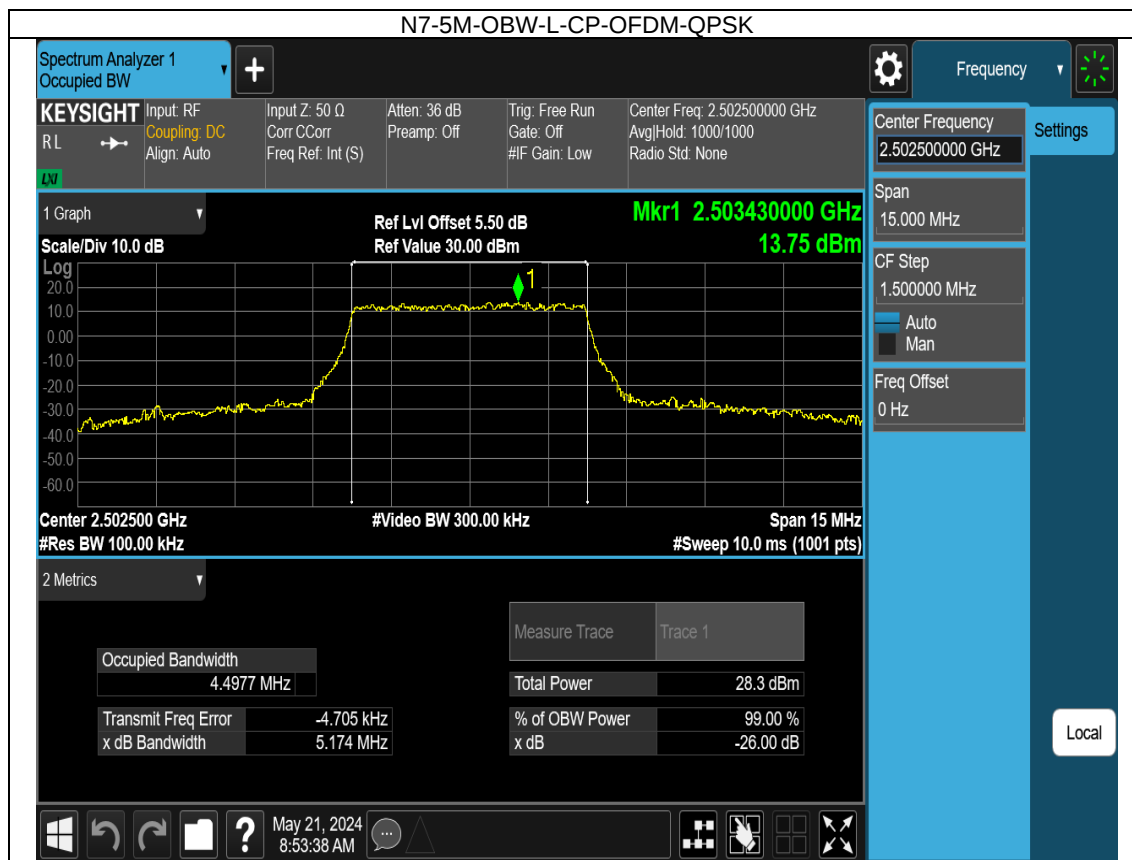
5G NR n7 SCS=15kHz 20MHz						
Modulation	CH	RB Allocation	99% Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	17.840	18.97	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.877	18.93	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.894	18.94	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.900	19.03	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.885	19.08	/	Pass
CP-OFDM QPSK		Outer_Full	18.944	20.16	/	Pass
CP-OFDM 16QAM		Outer_Full	18.923	20.04	/	Pass
CP-OFDM 64QAM		Outer_Full	18.911	20.07	/	Pass
CP-OFDM 256QAM		Outer_Full	18.963	20.05	/	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	17.876	18.92	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.930	18.88	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.902	18.96	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.897	19.00	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.918	19.03	/	Pass
CP-OFDM QPSK		Outer_Full	18.951	20.06	/	Pass
CP-OFDM 16QAM		Outer_Full	17.898	19.01	/	Pass
CP-OFDM 64QAM		Outer_Full	17.928	18.88	/	Pass
CP-OFDM 256QAM		Outer_Full	17.844	18.98	/	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	17.876	18.98	/	Pass
DFT-s-OFDM QPSK		Outer_Full	17.937	19.08	/	Pass
DFT-s-OFDM 16QAM		Outer_Full	17.876	18.91	/	Pass
DFT-s-OFDM 64QAM		Outer_Full	17.914	18.93	/	Pass
DFT-s-OFDM 256QAM		Outer_Full	17.911	19.03	/	Pass
CP-OFDM QPSK		Outer_Full	18.947	19.97	/	Pass
CP-OFDM 16QAM		Outer_Full	17.852	18.98	/	Pass
CP-OFDM 64QAM		Outer_Full	17.896	18.89	/	Pass
CP-OFDM 256QAM		Outer_Full	17.840	18.88	/	Pass

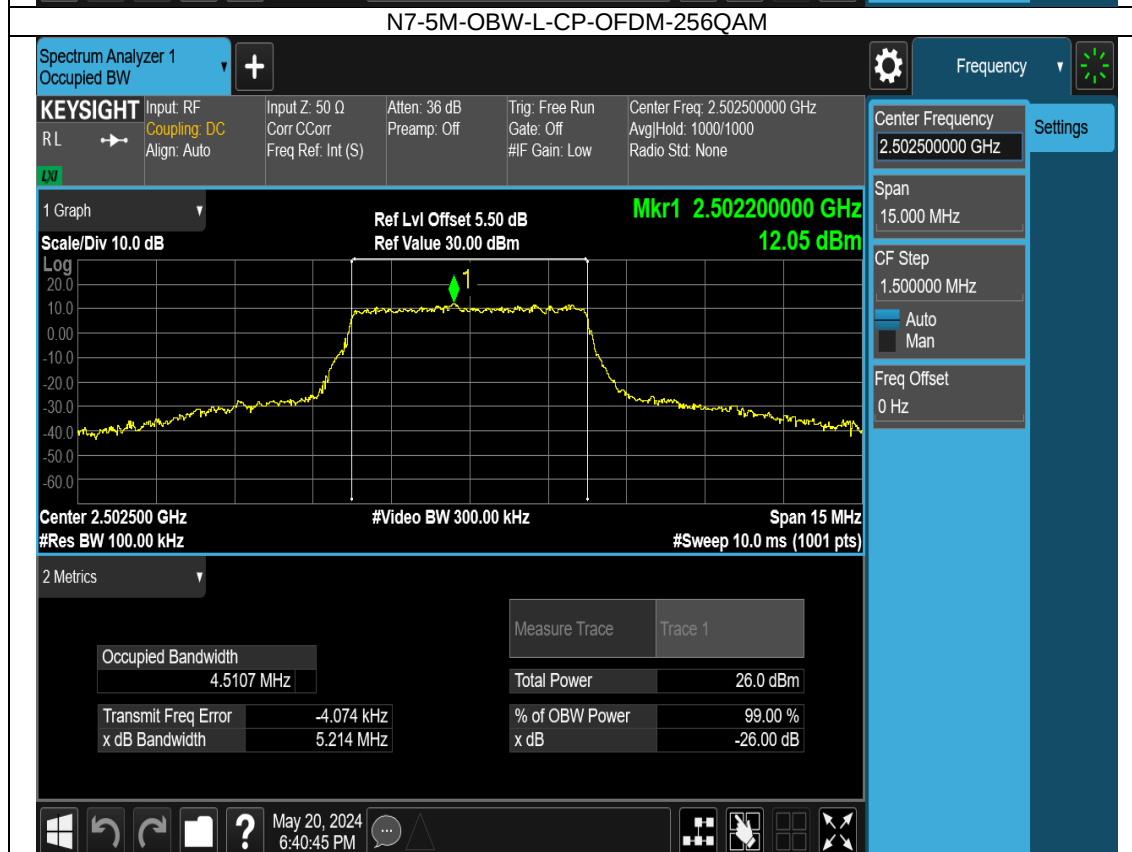
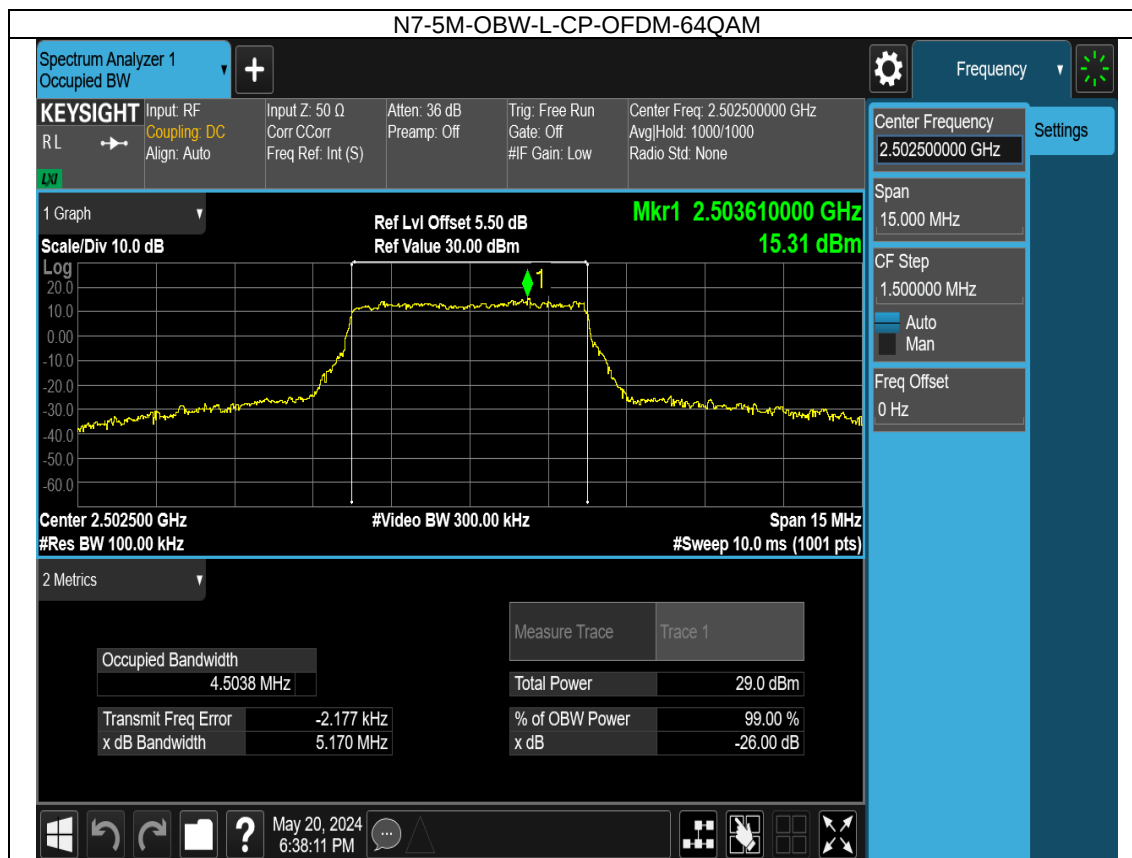
Test graph

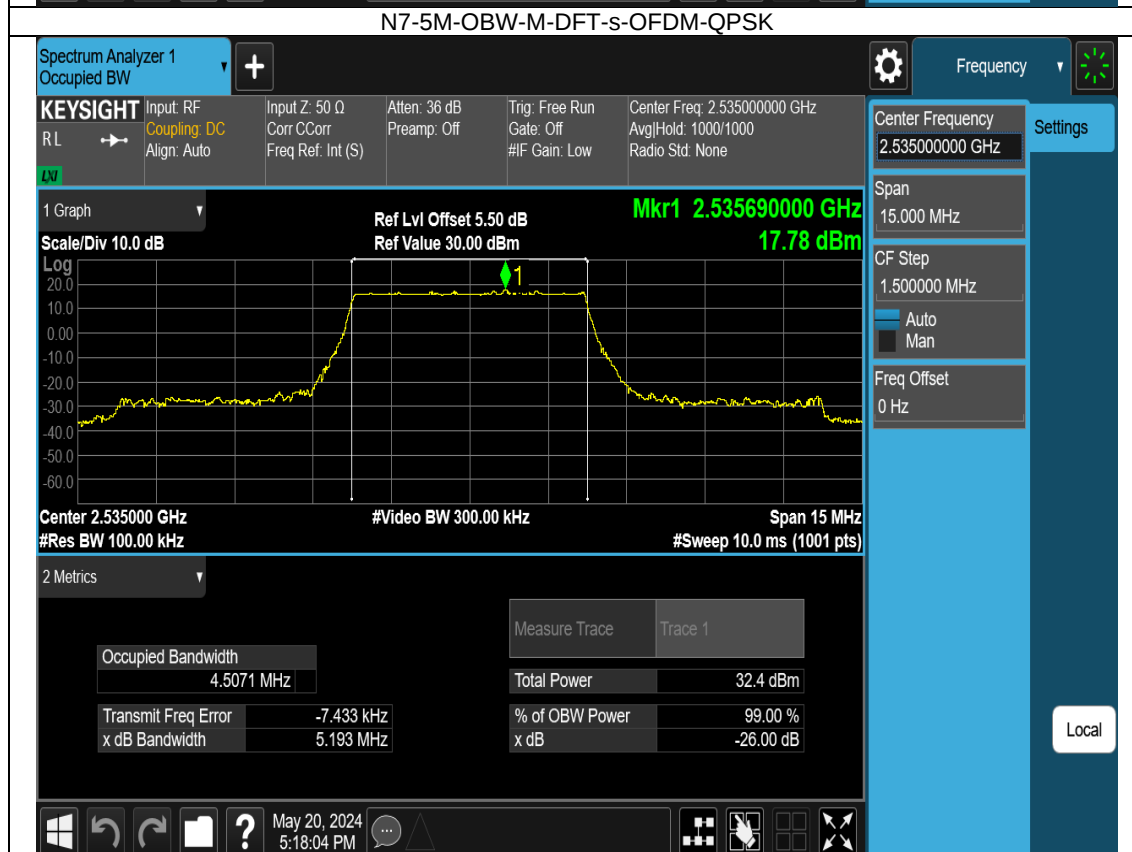
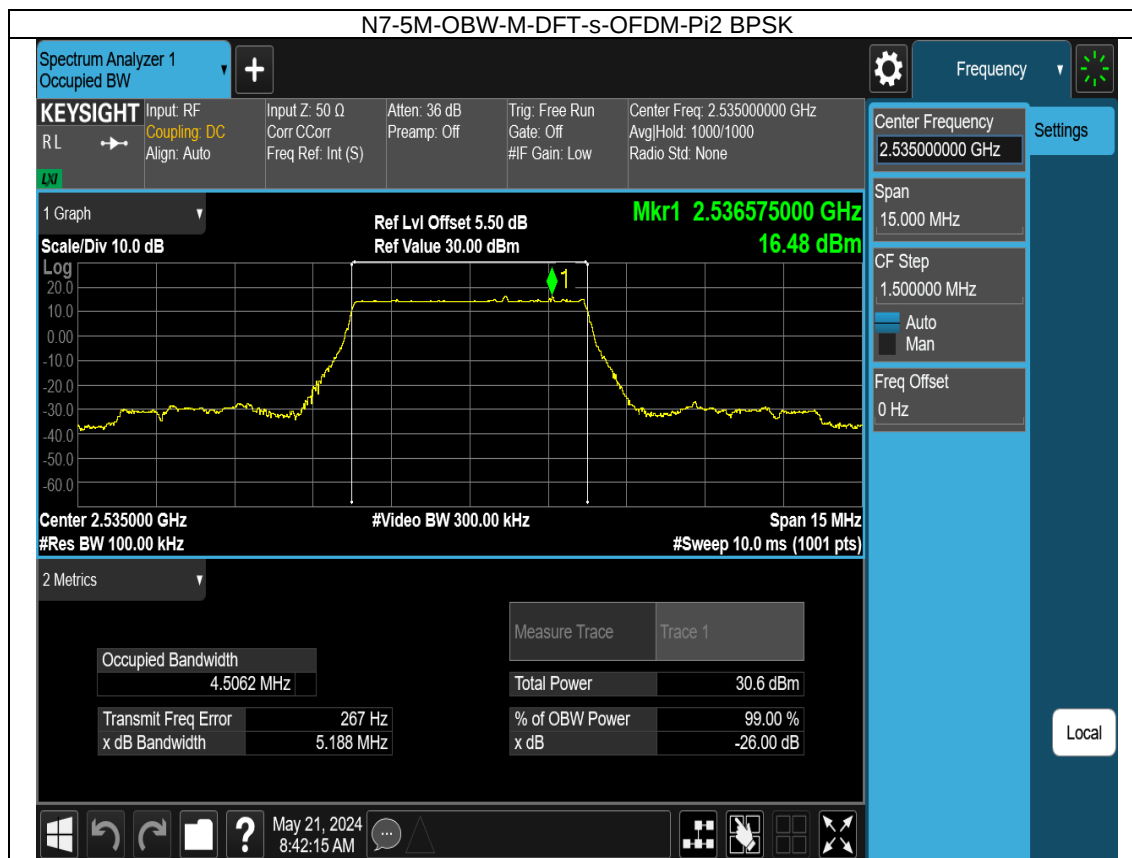


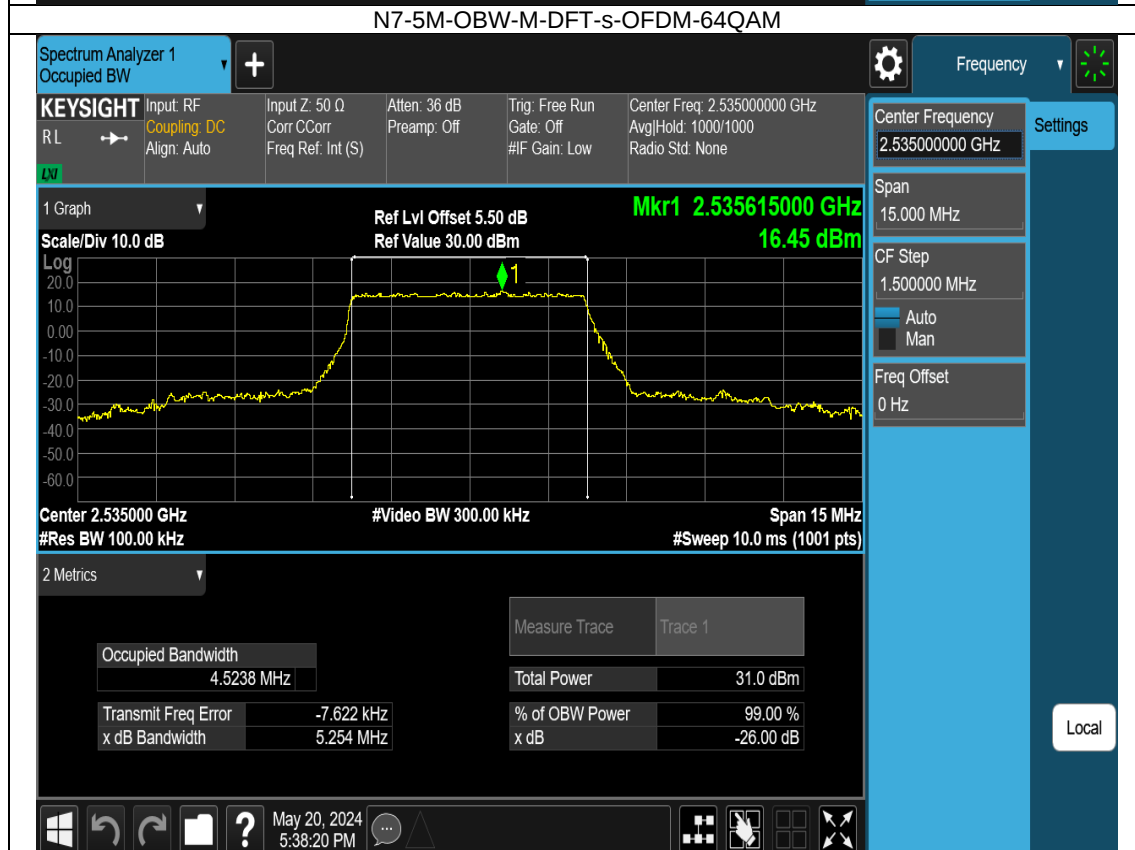
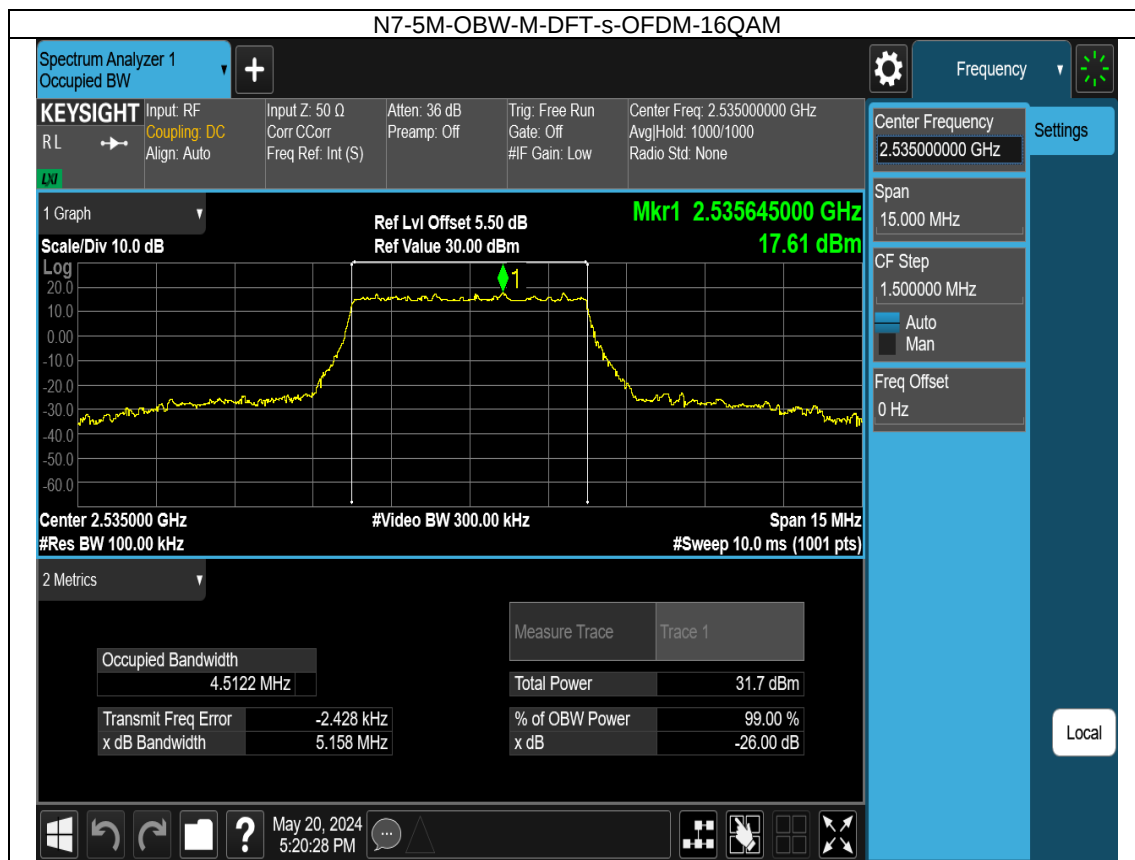




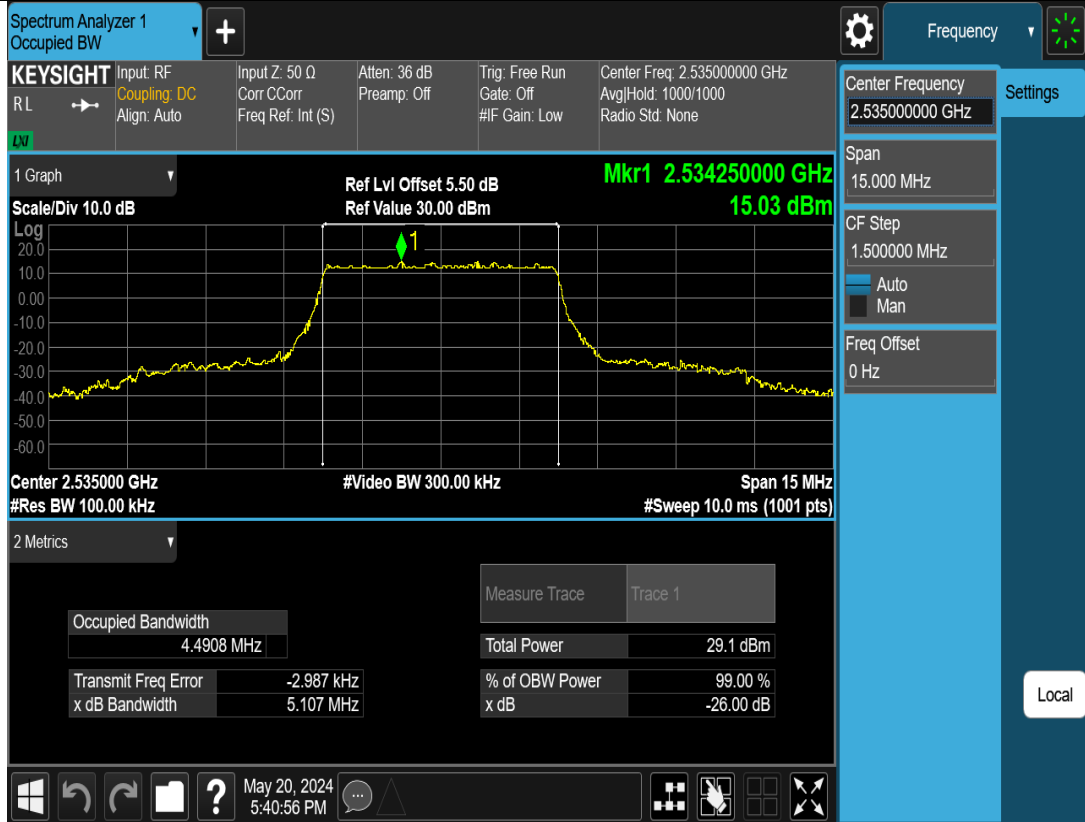




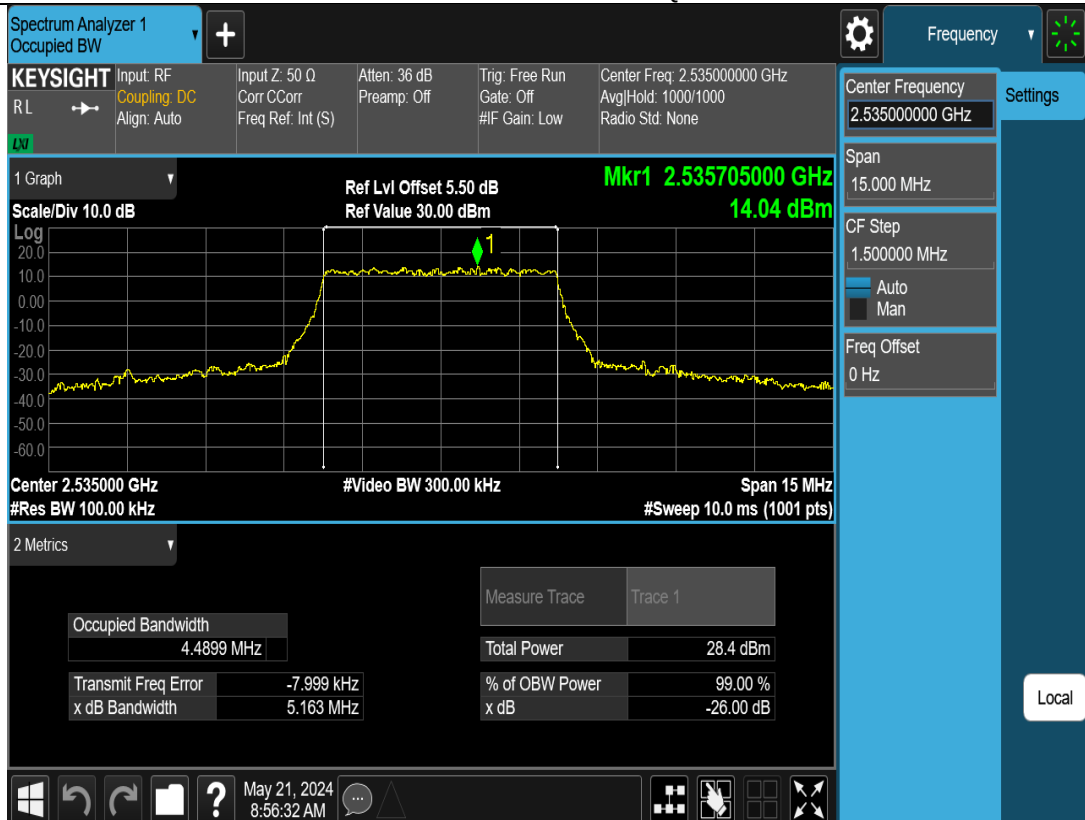


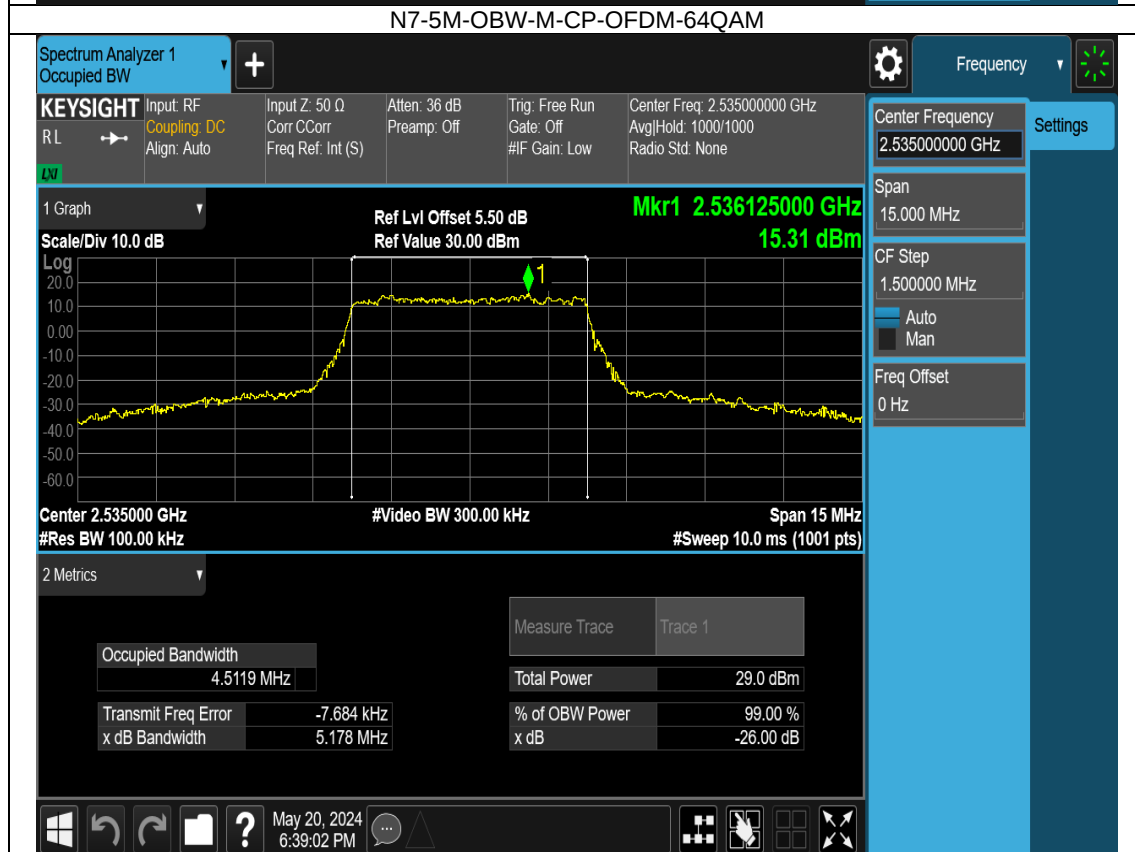
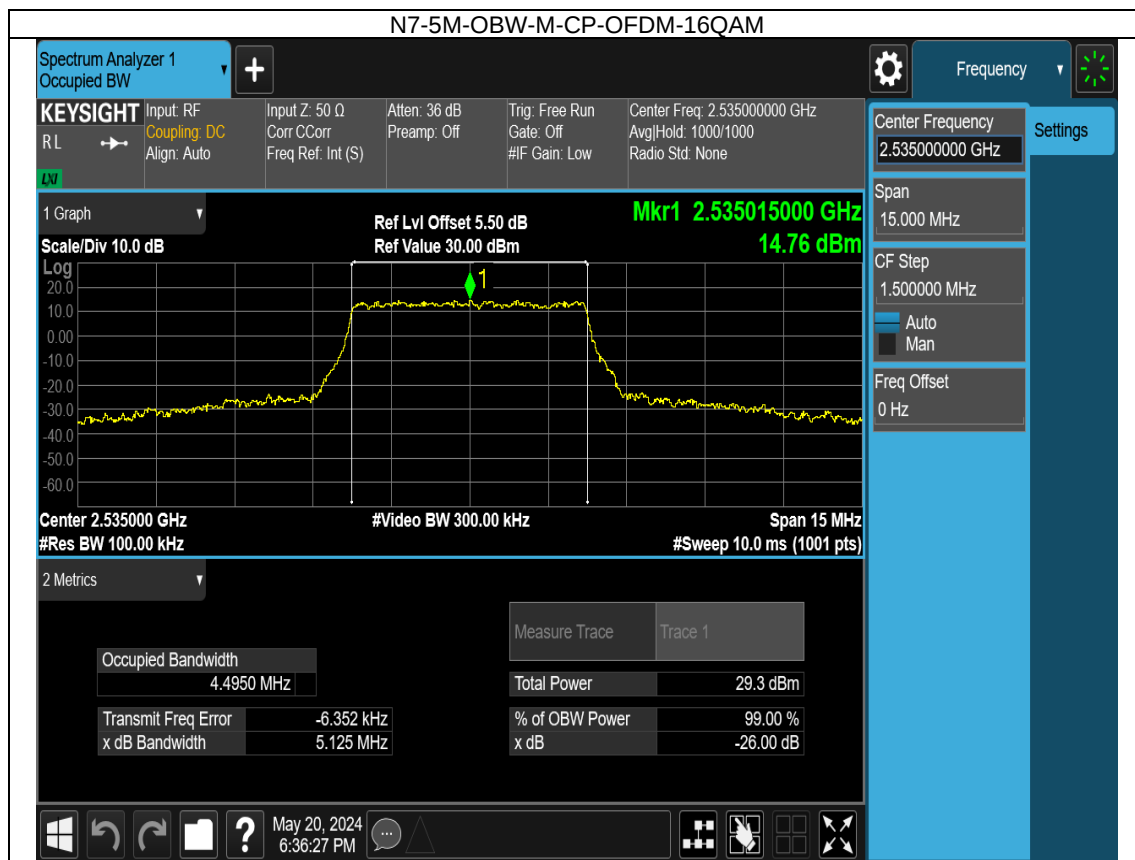


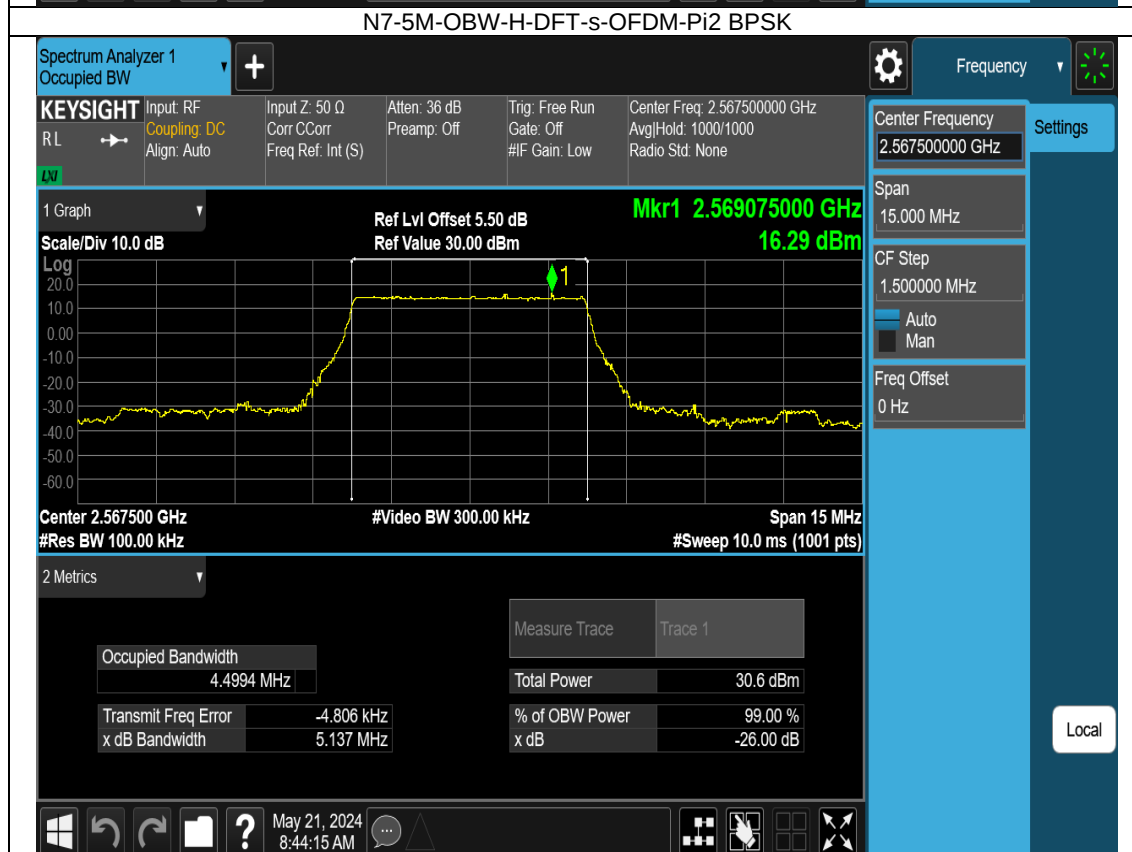
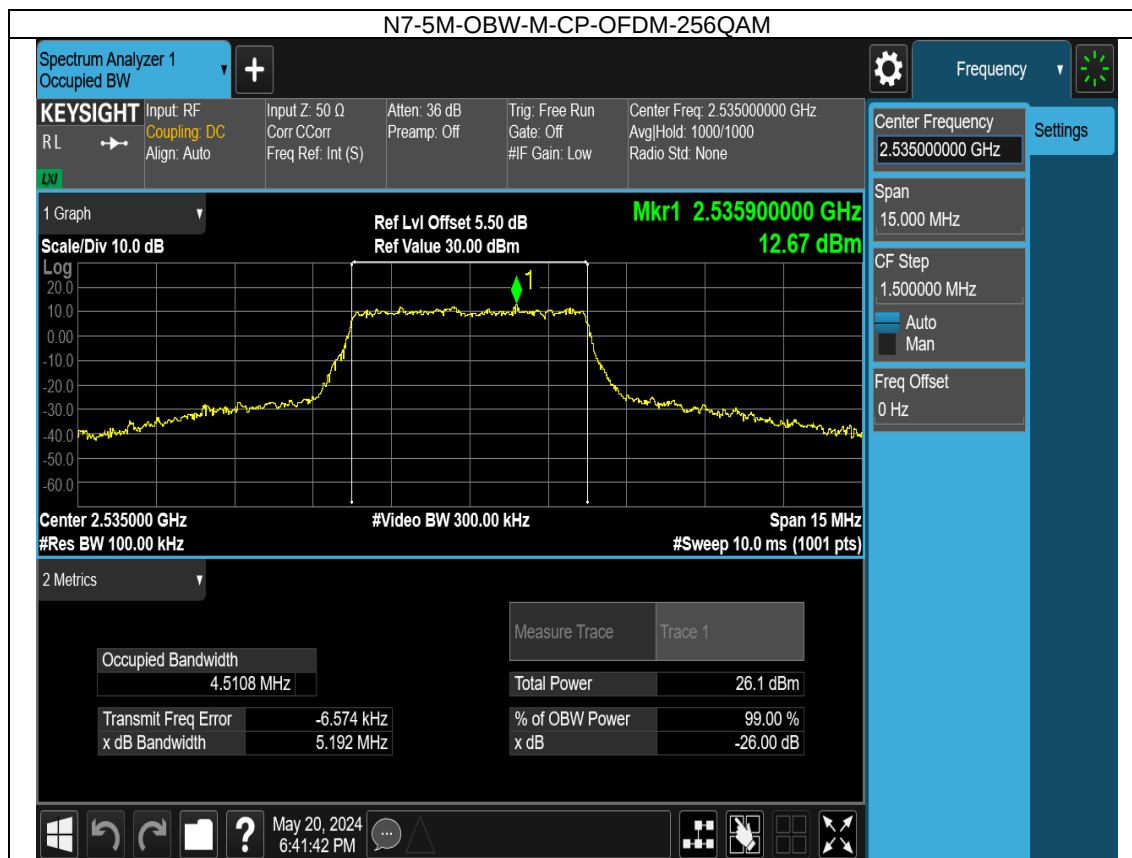
N7-5M-OBW-M-DFT-s-OFDM-256QAM

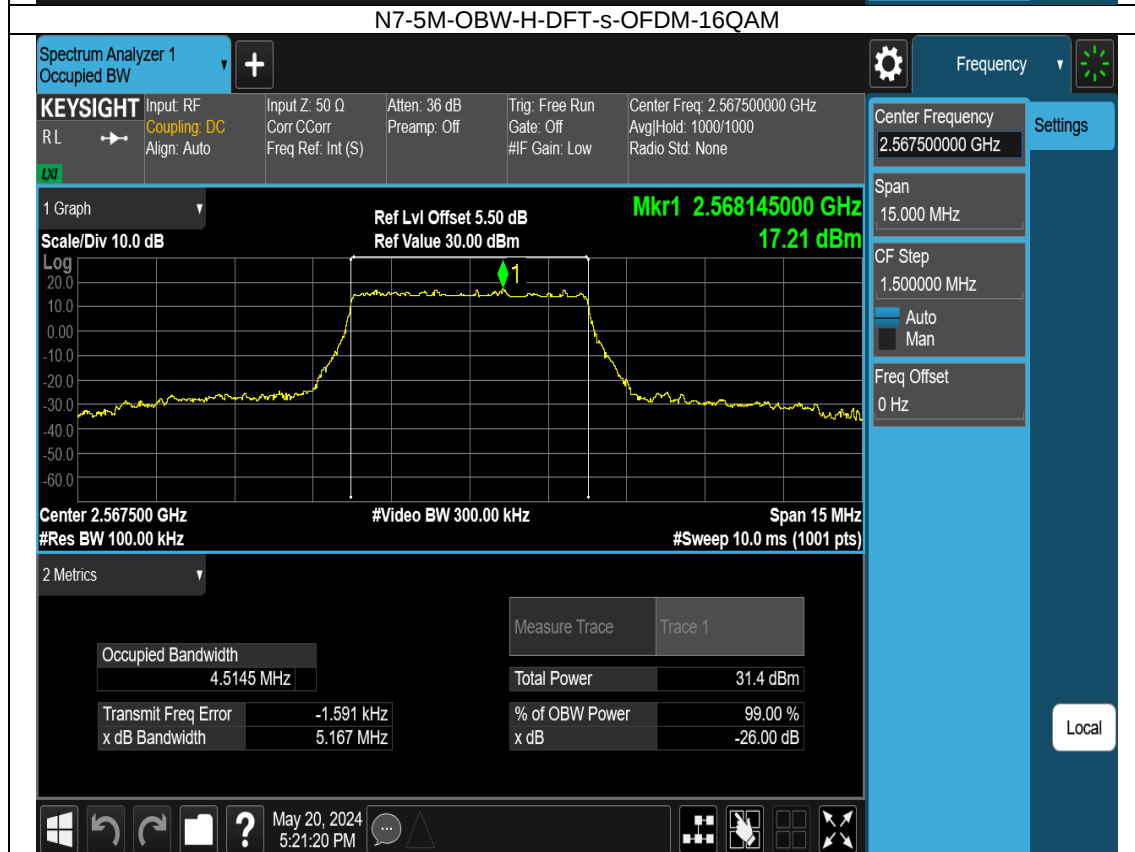
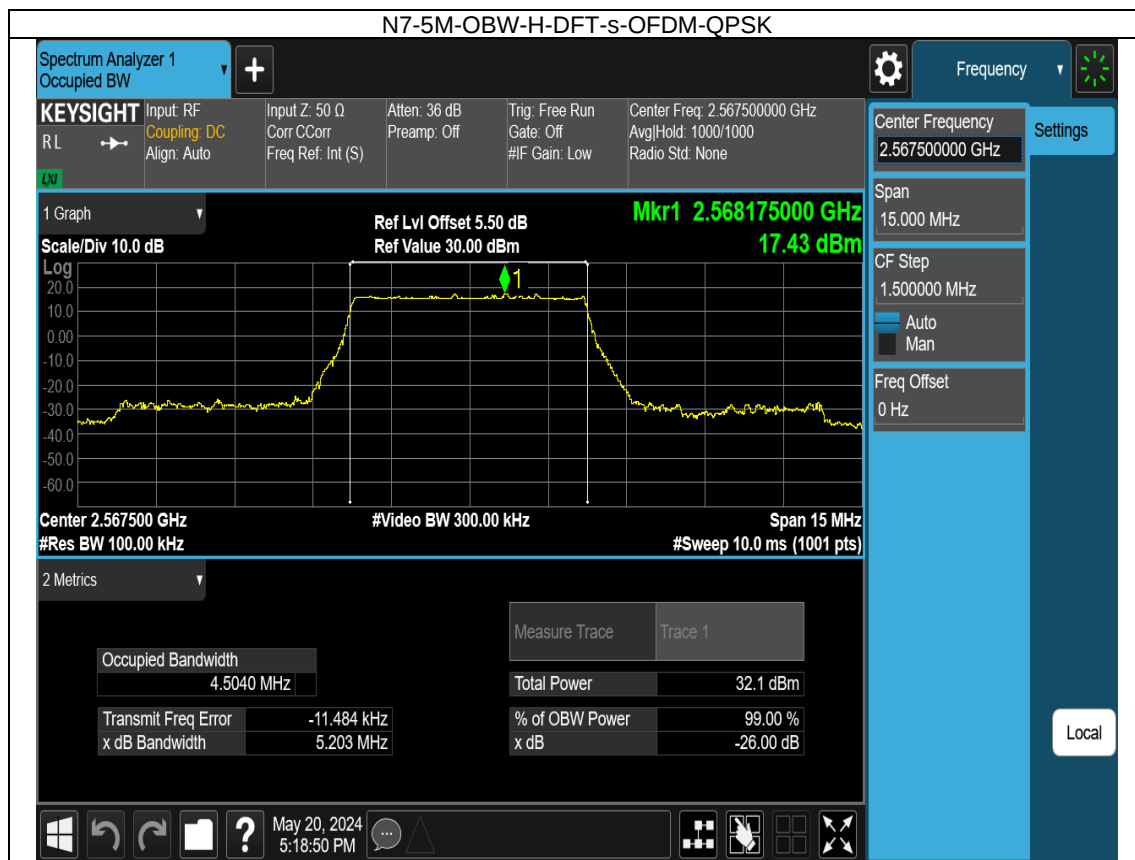


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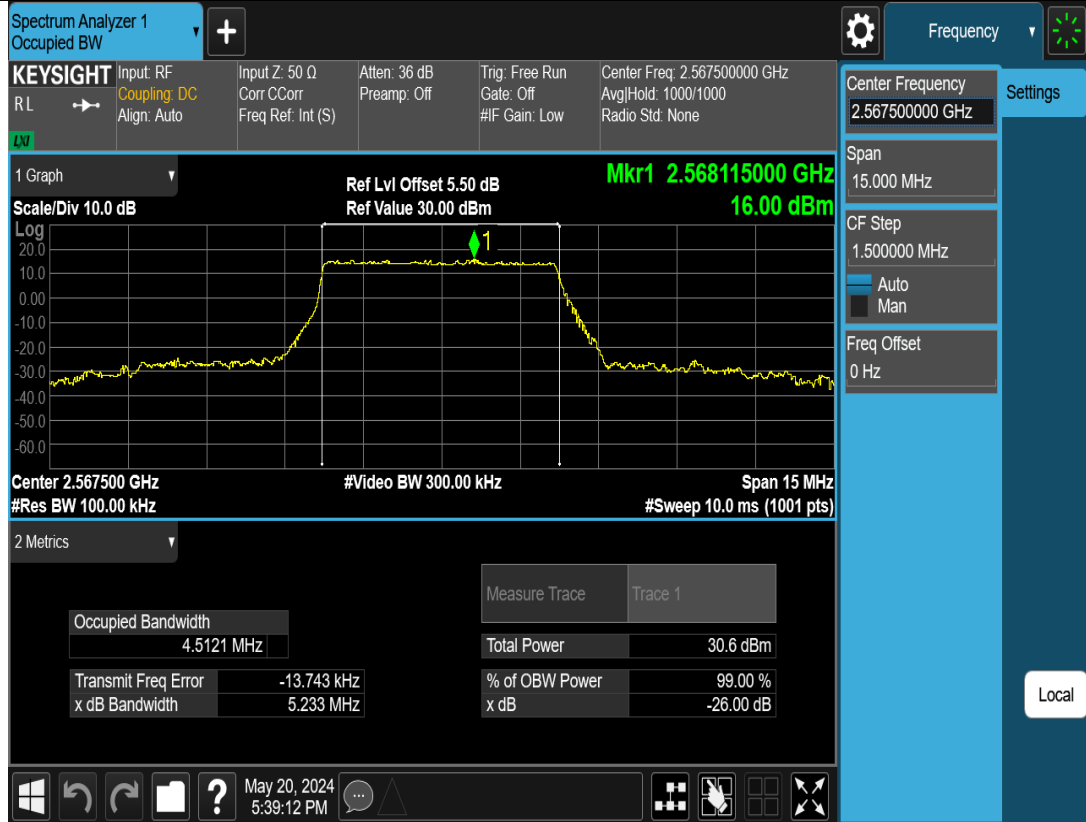




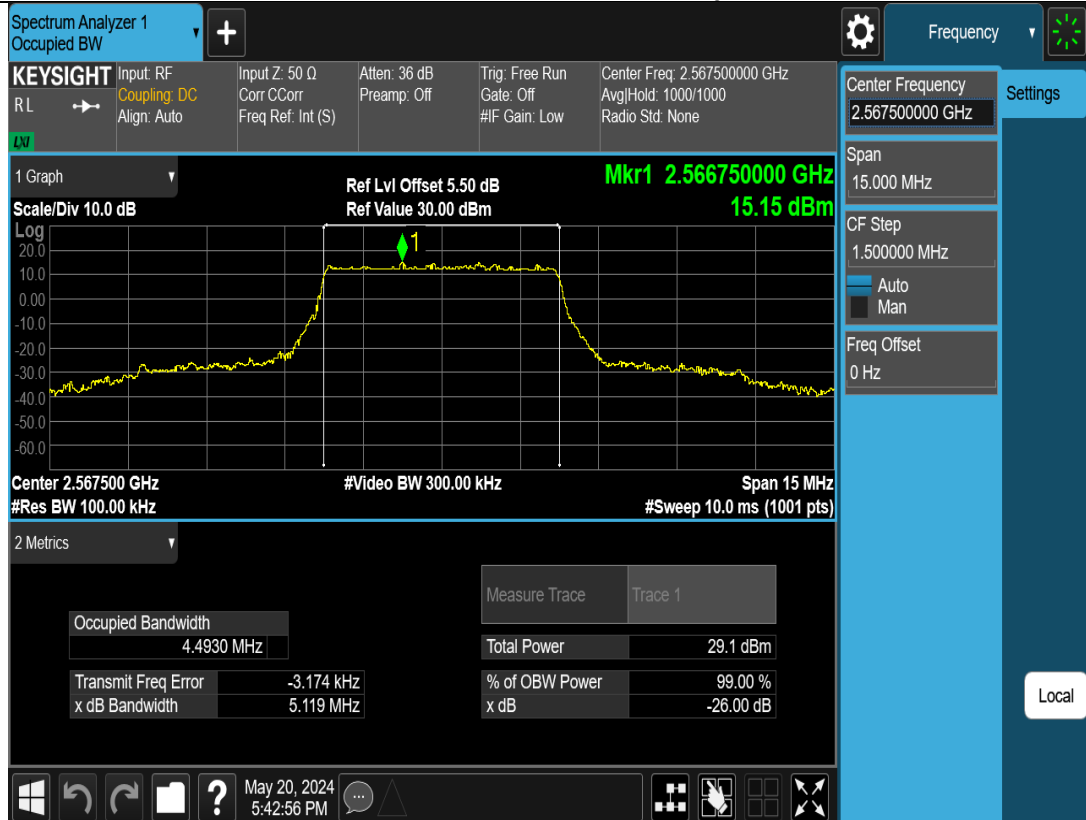


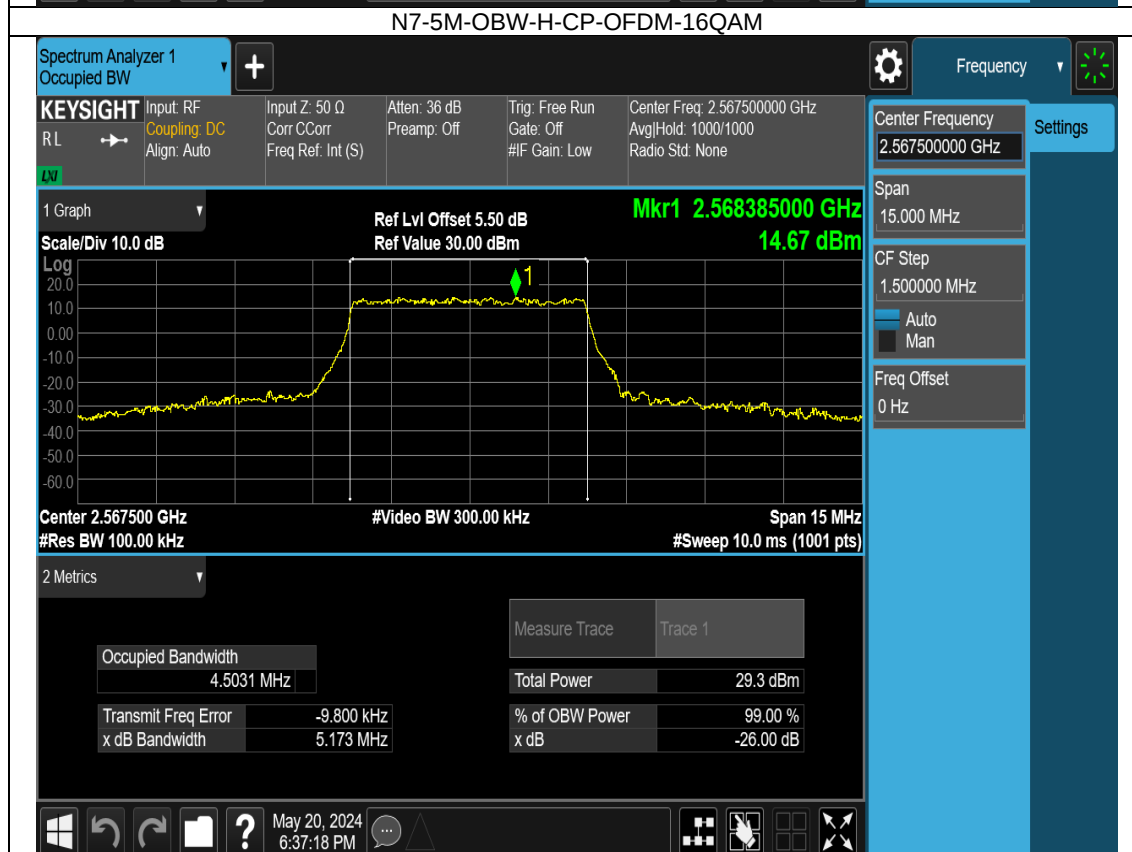
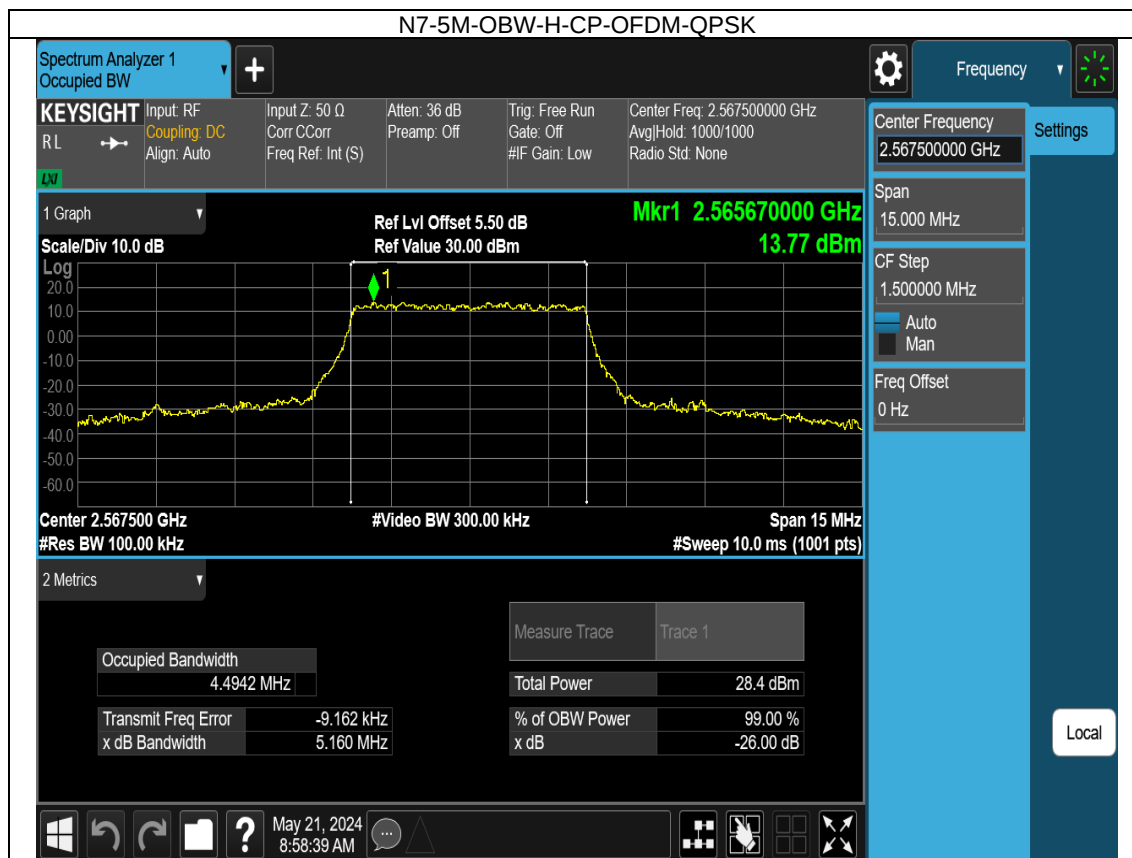


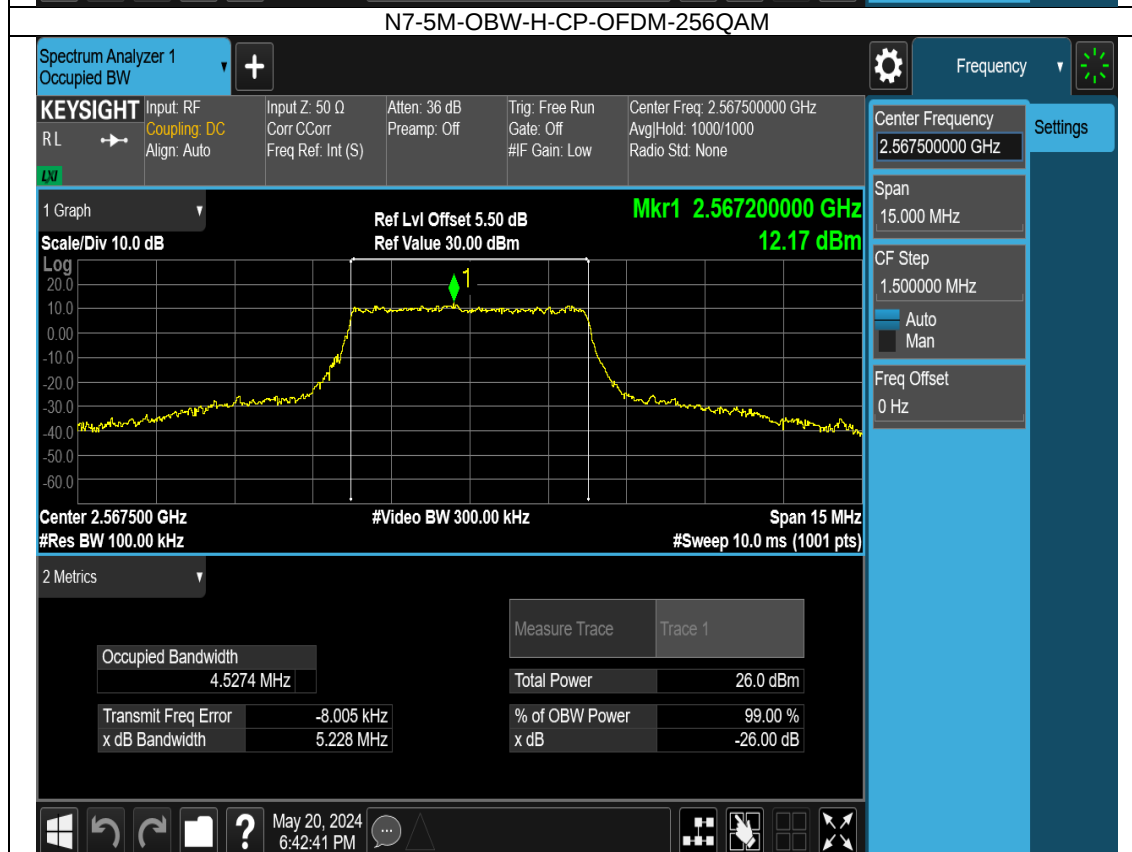
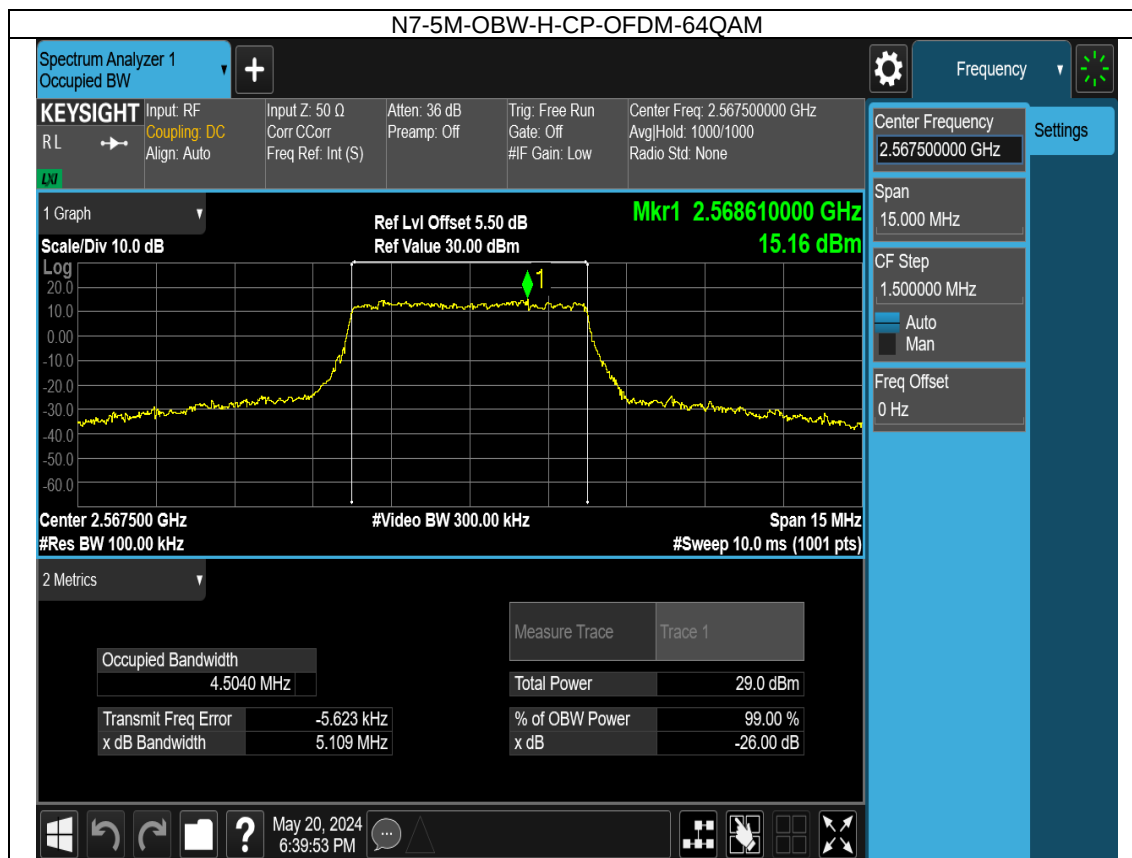
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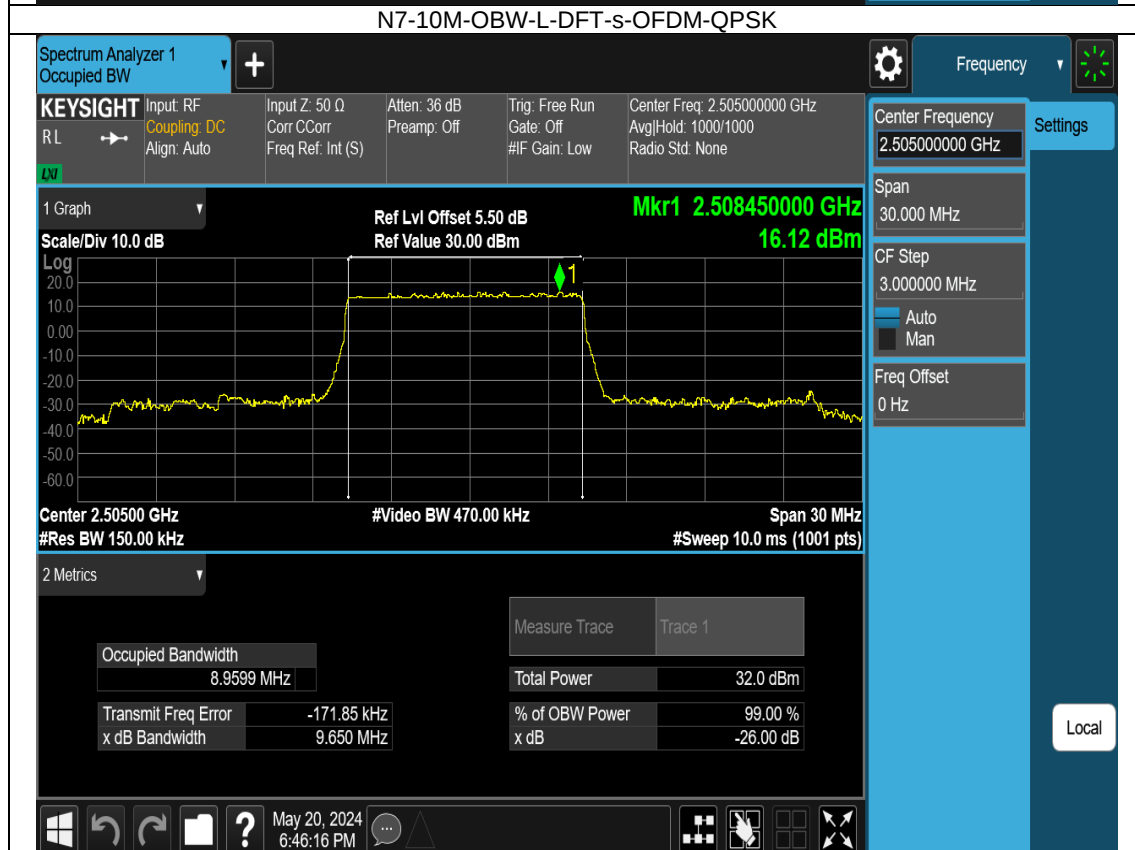
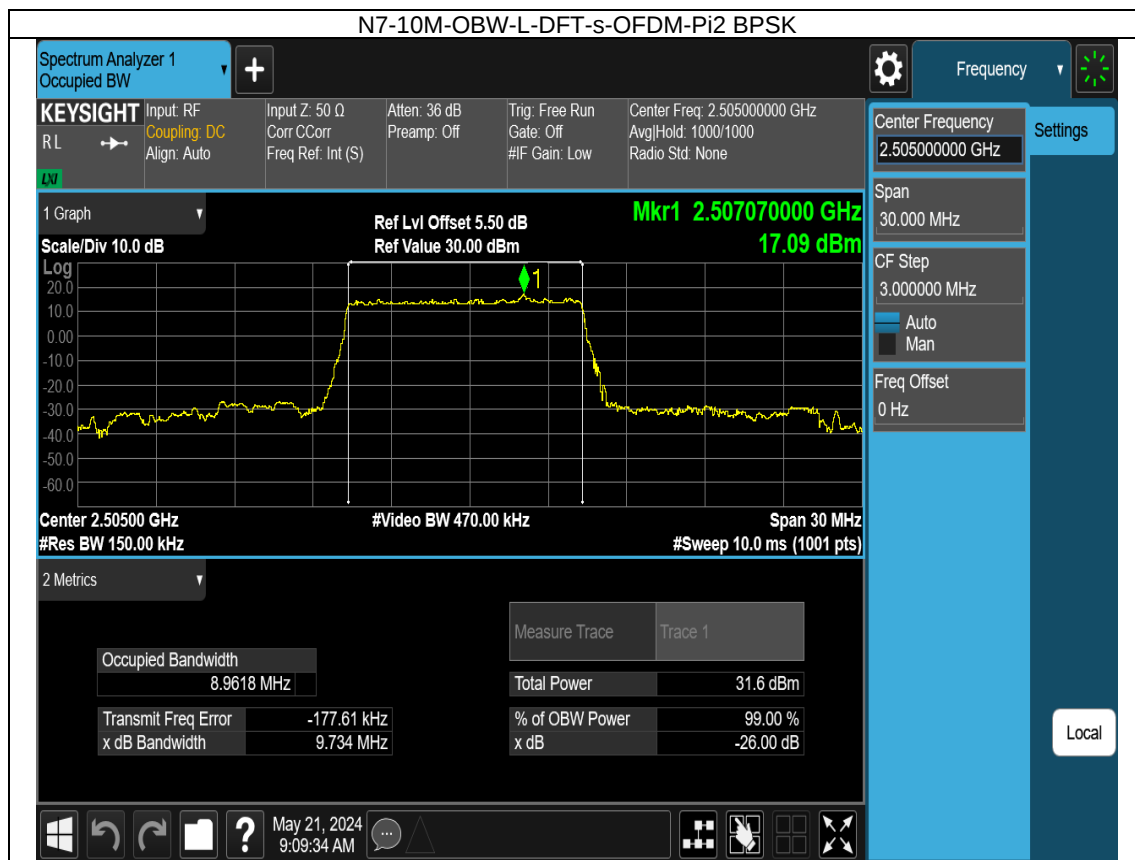


N7-5M-OBW-H-DFT-s-OFDM-256QAM

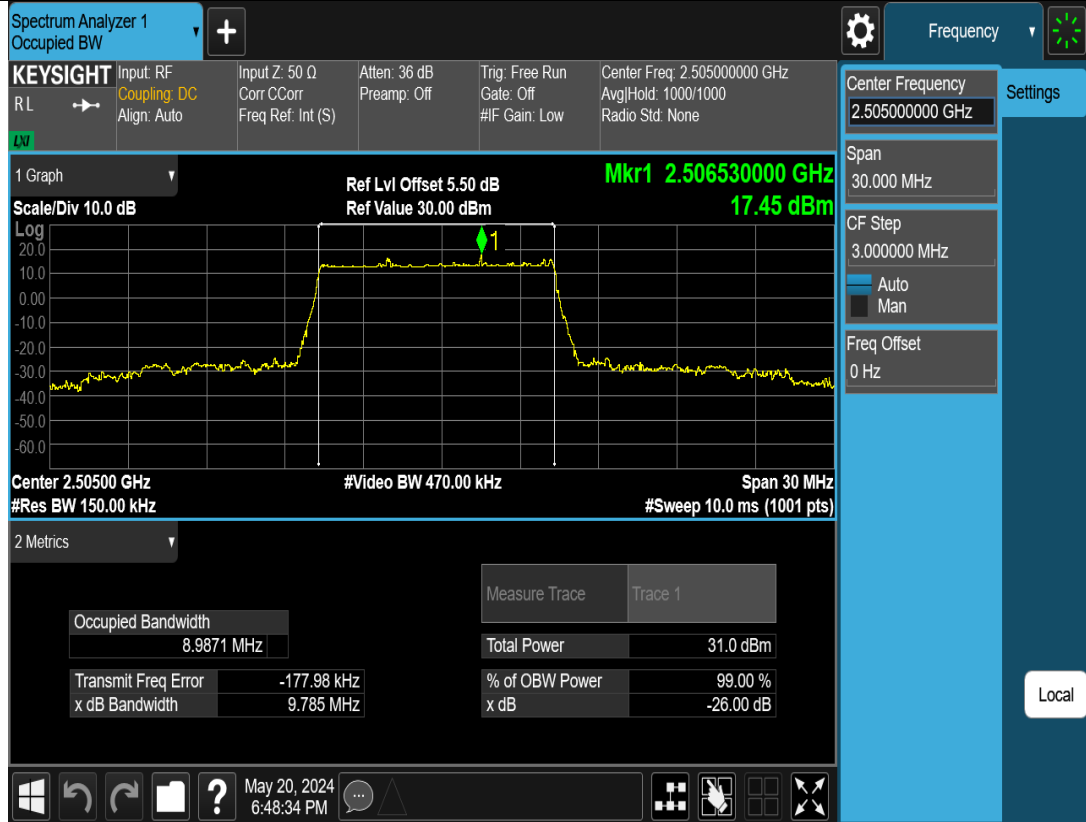




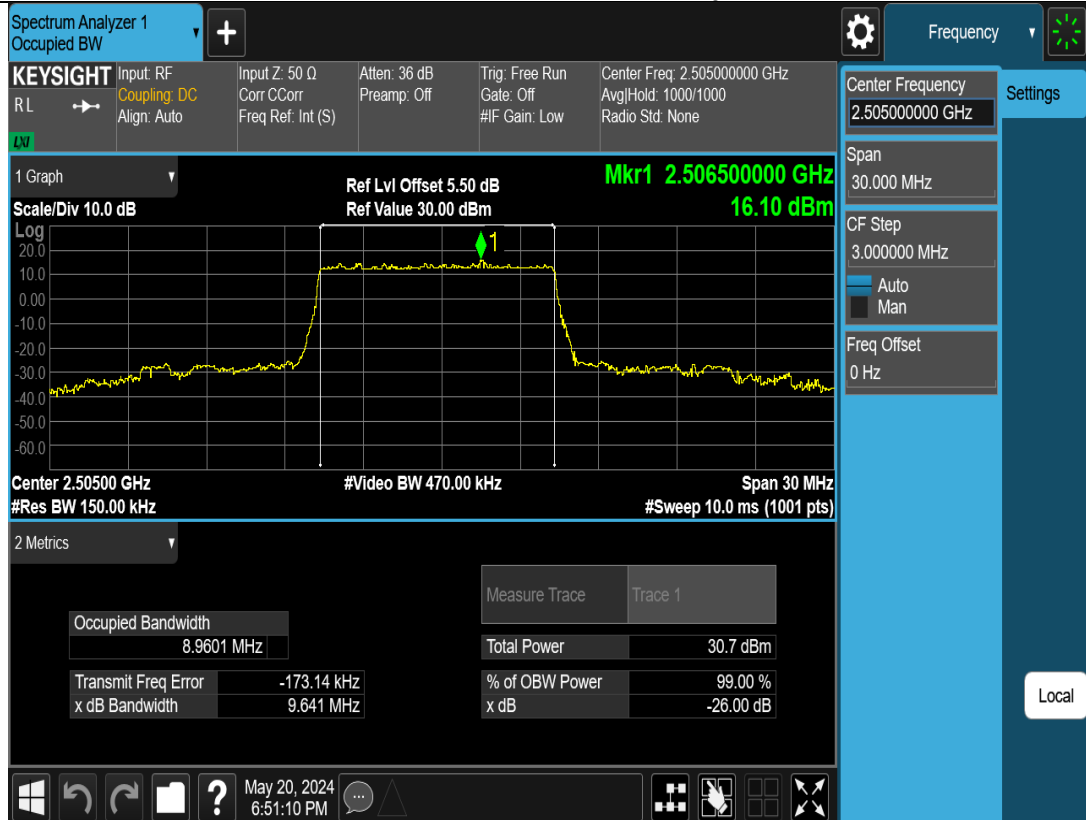


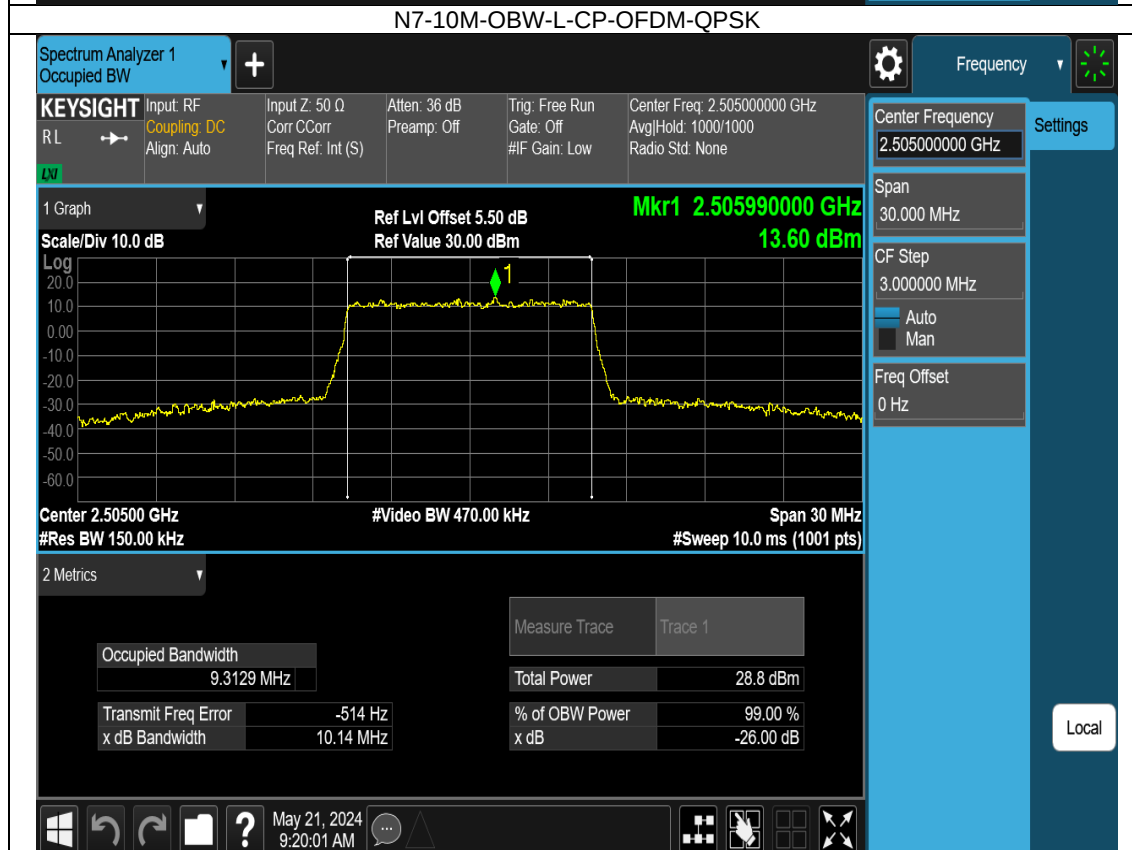
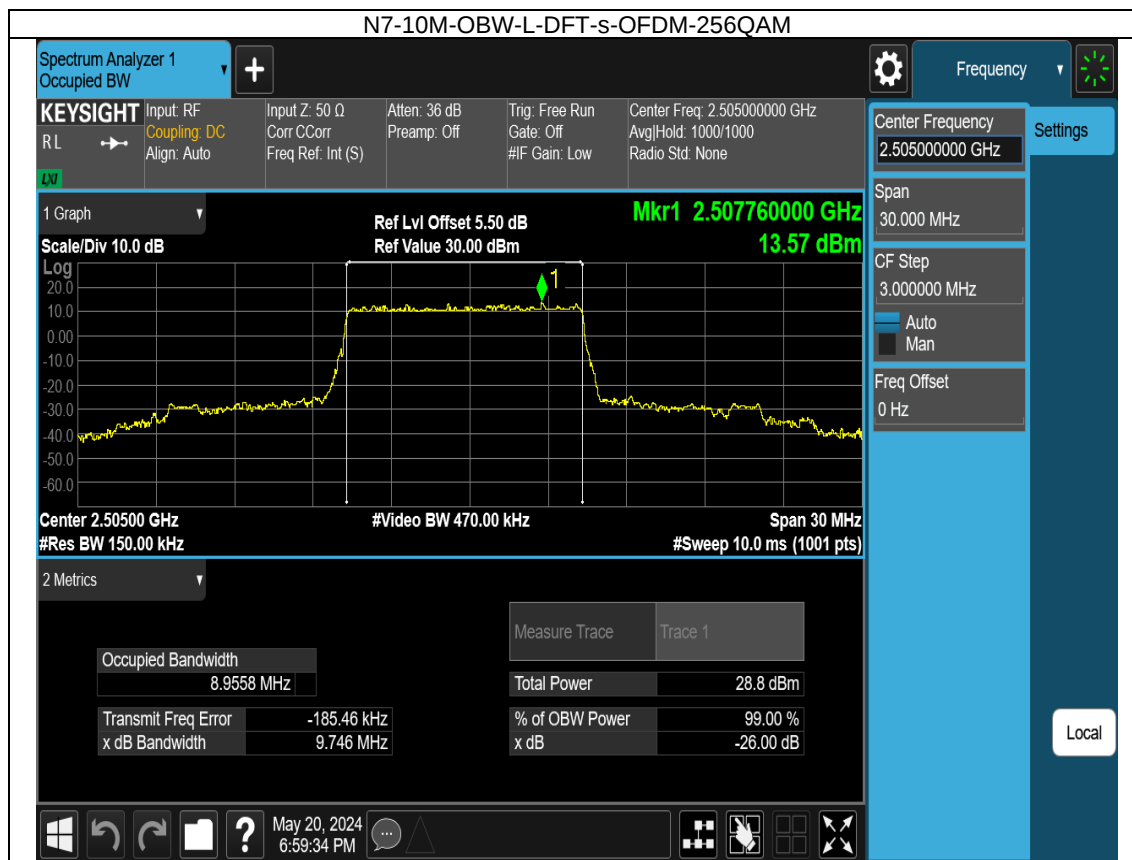


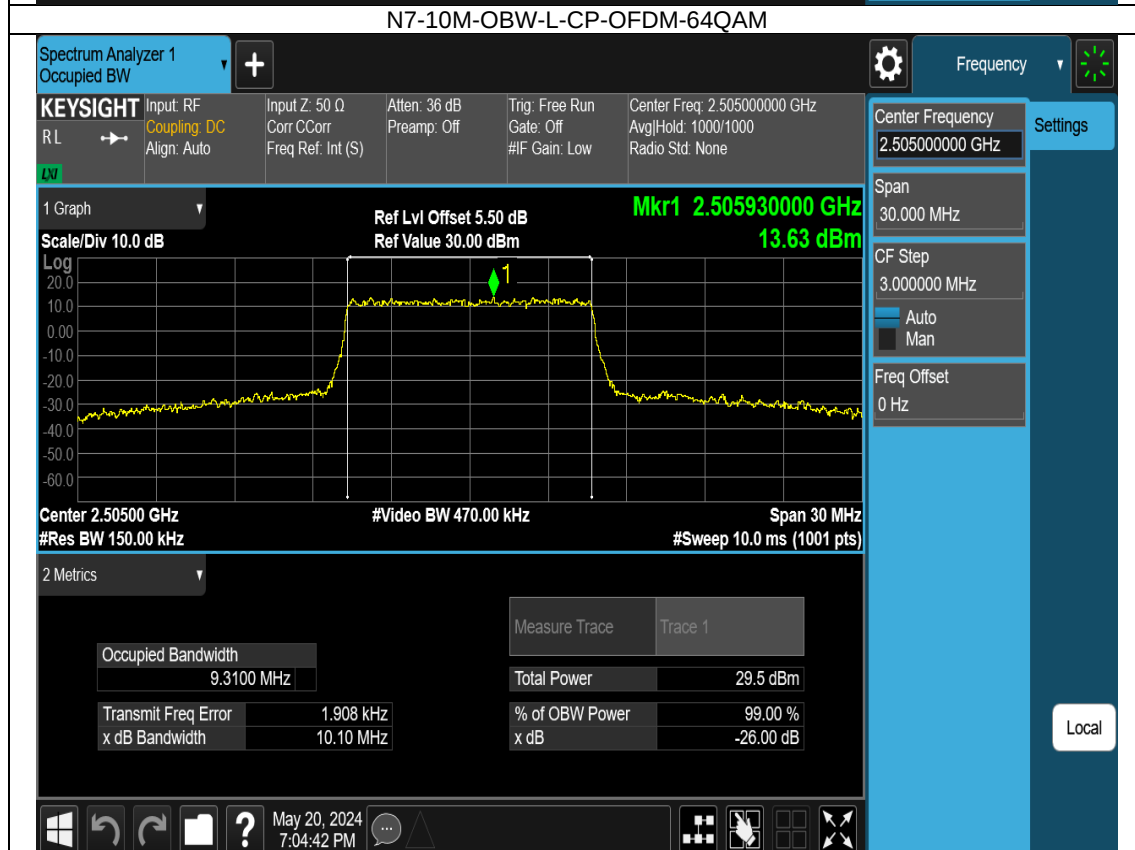
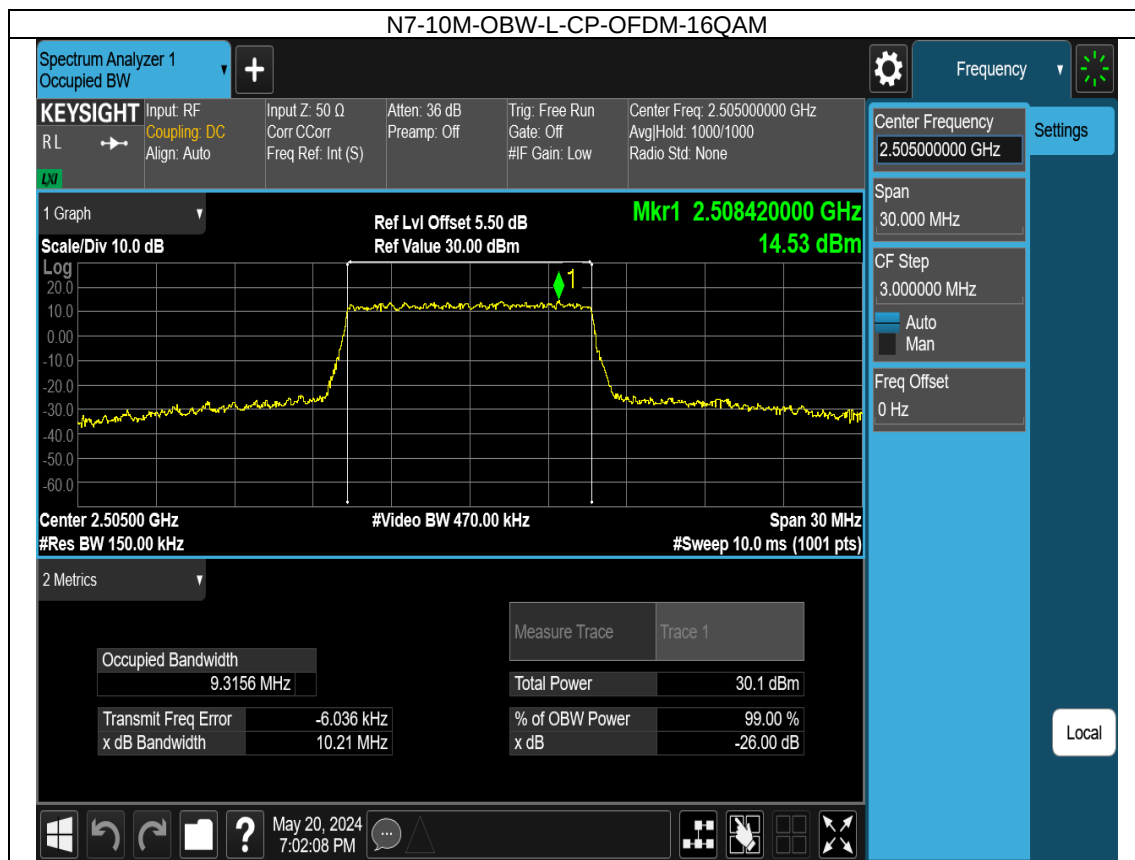
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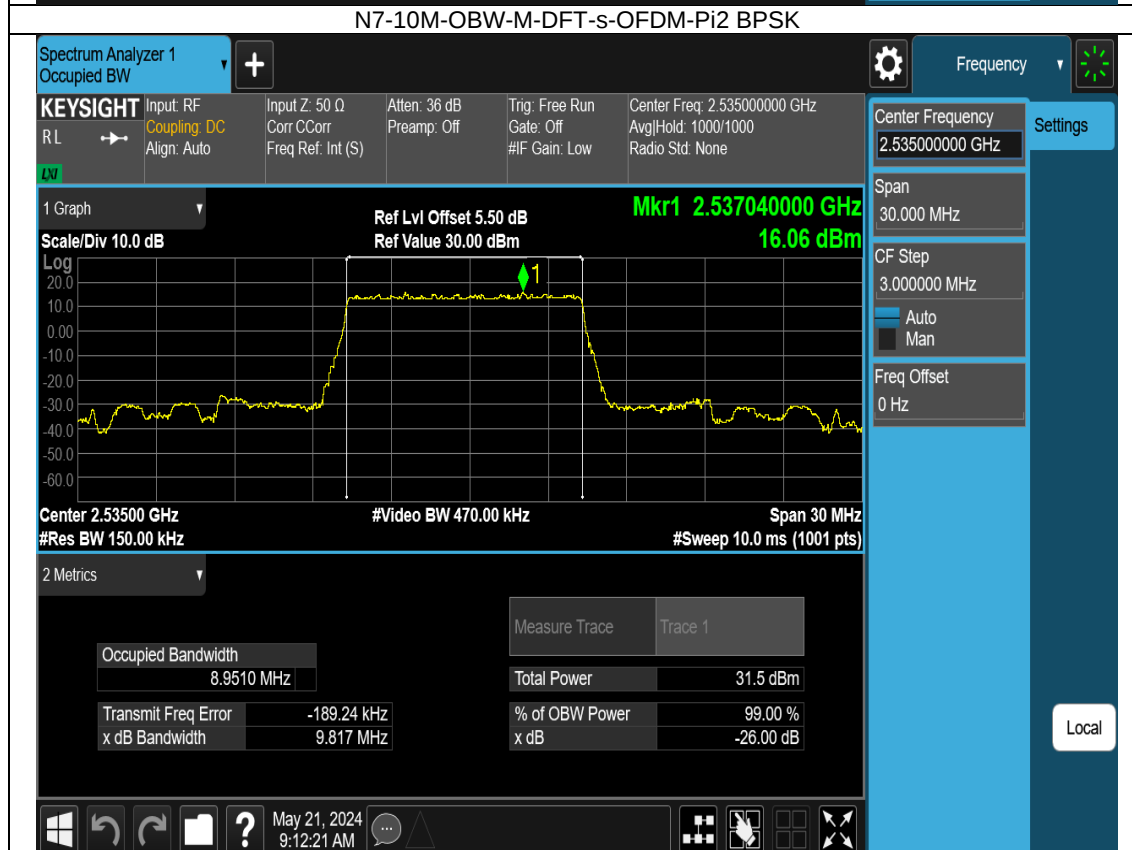
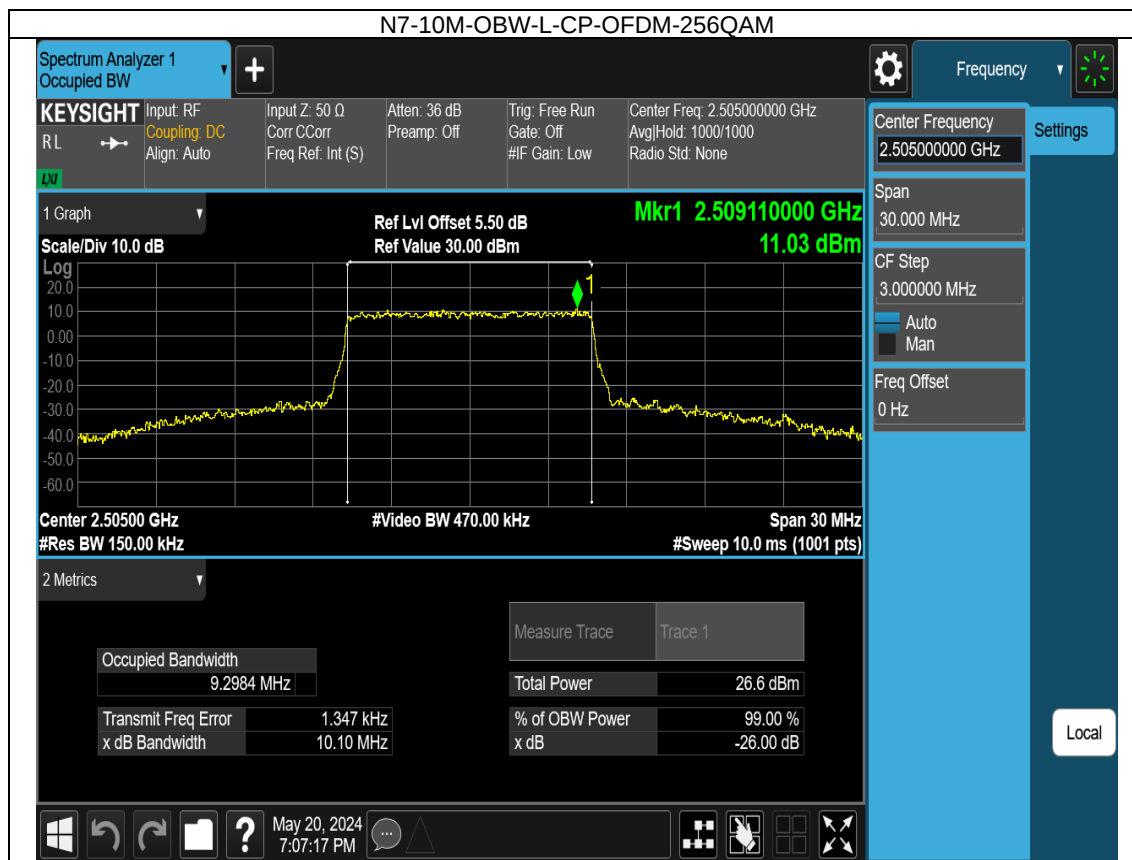


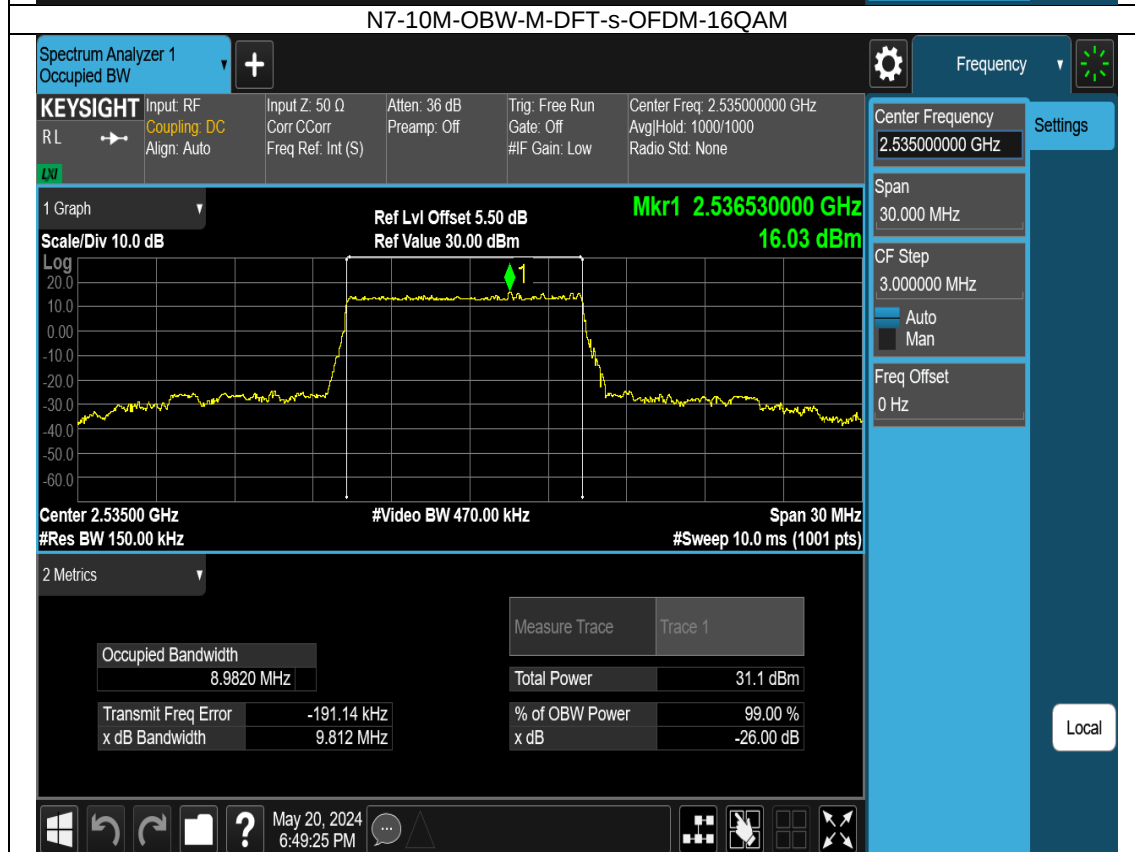
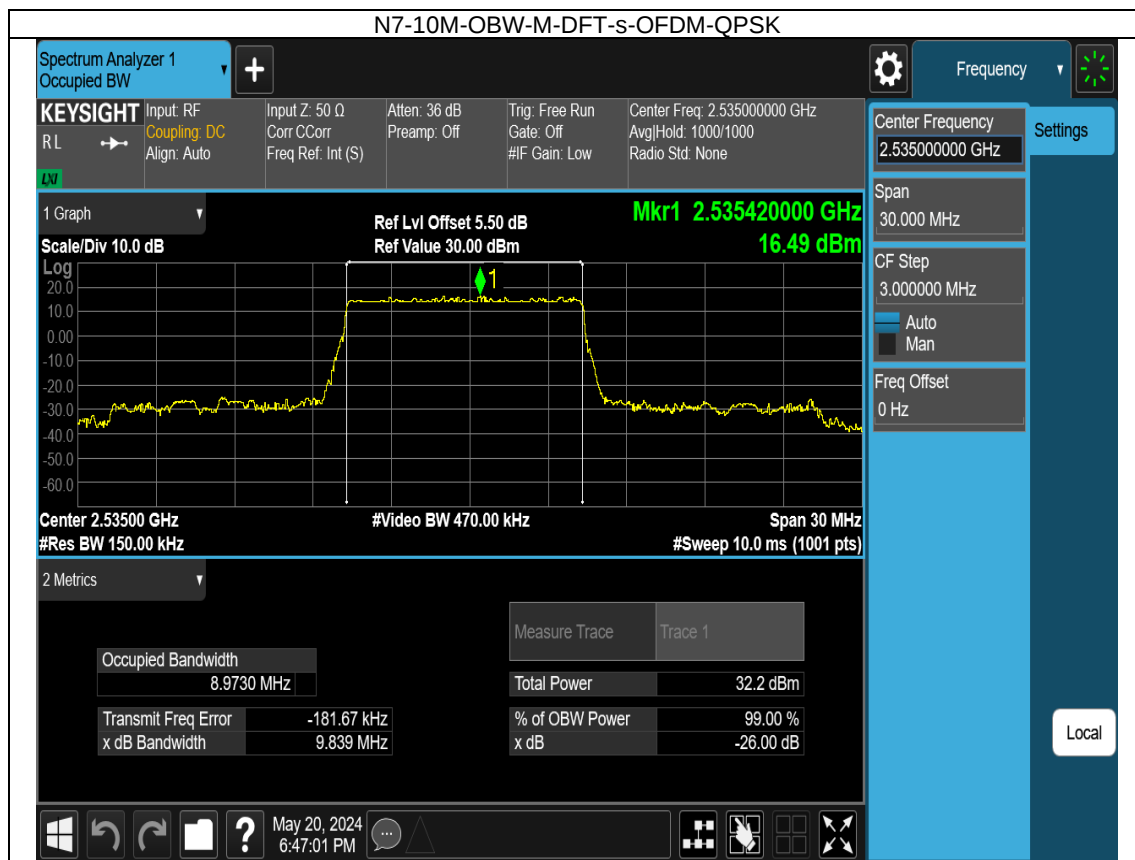
N7-10M-OBW-L-DFT-s-OFDM-64QAM



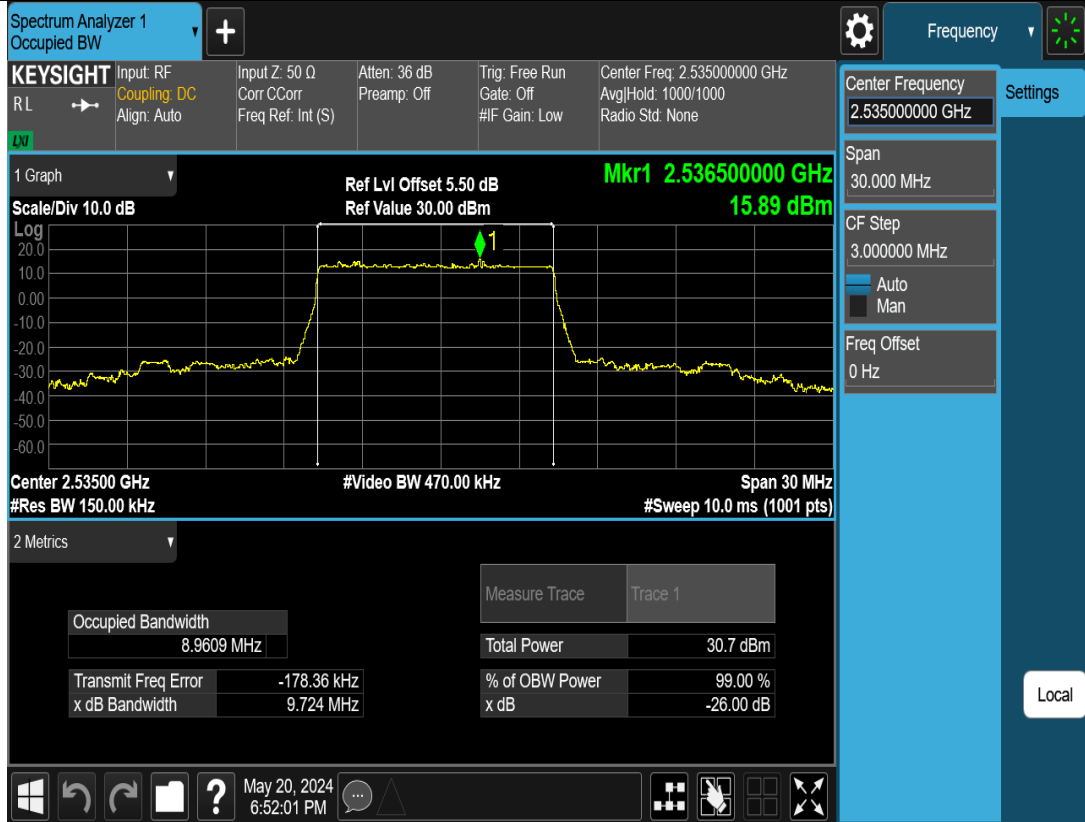




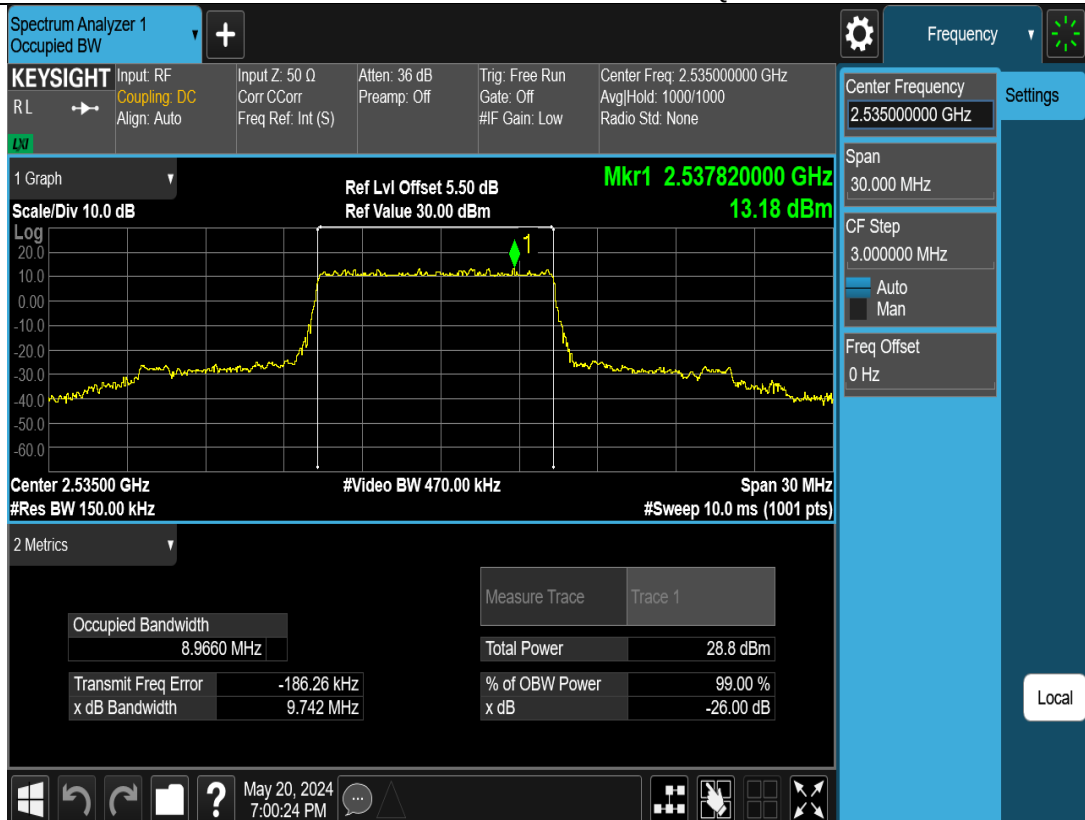


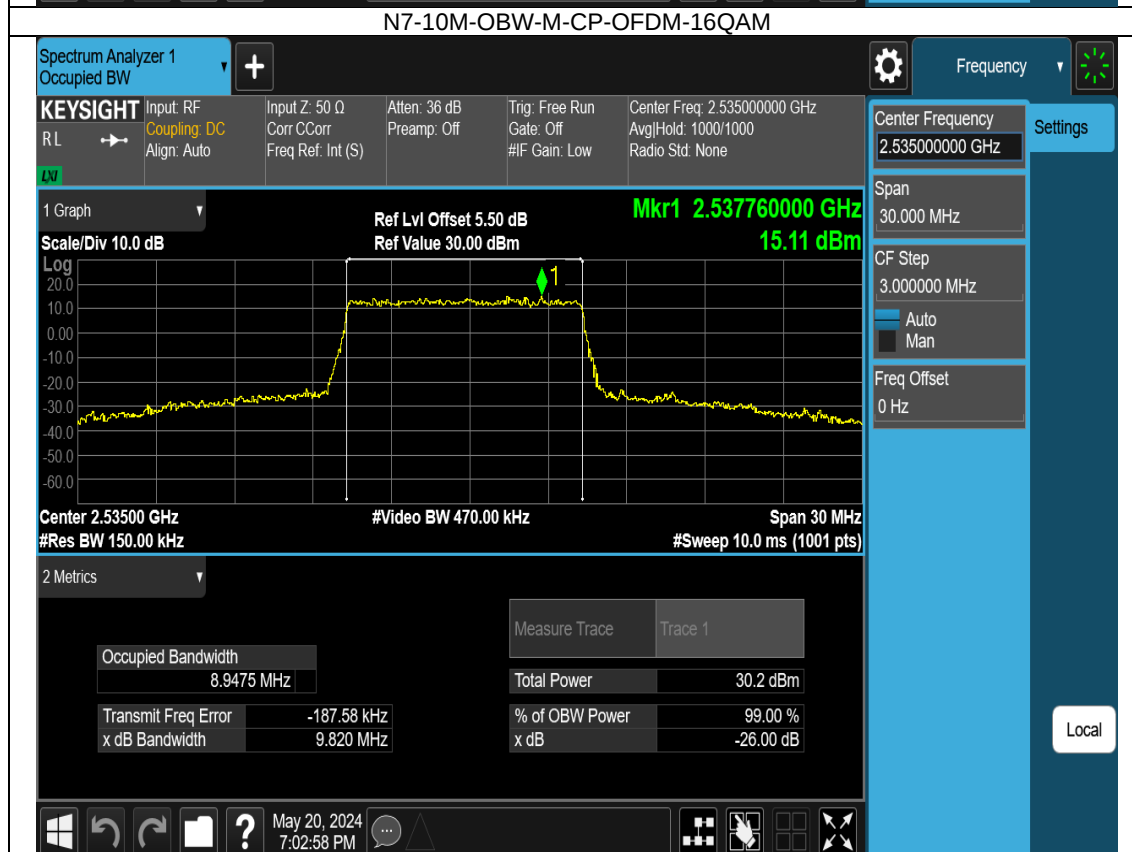
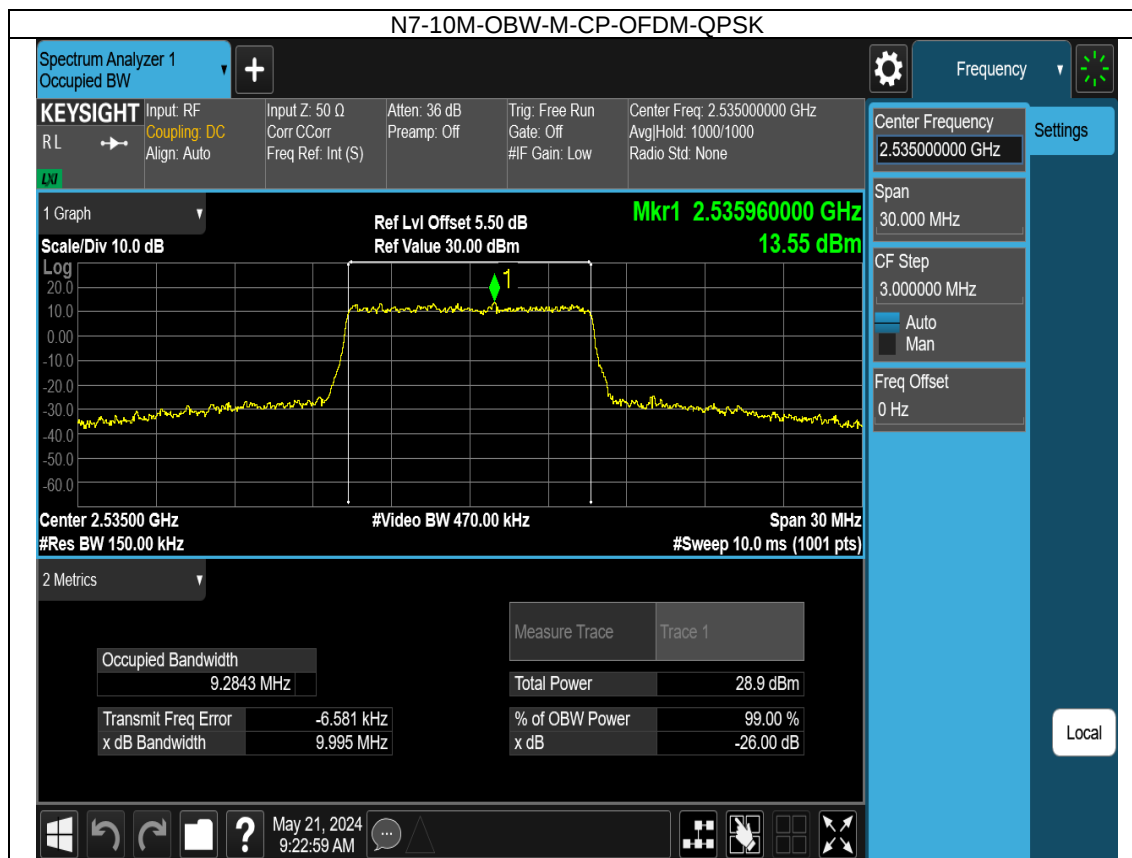


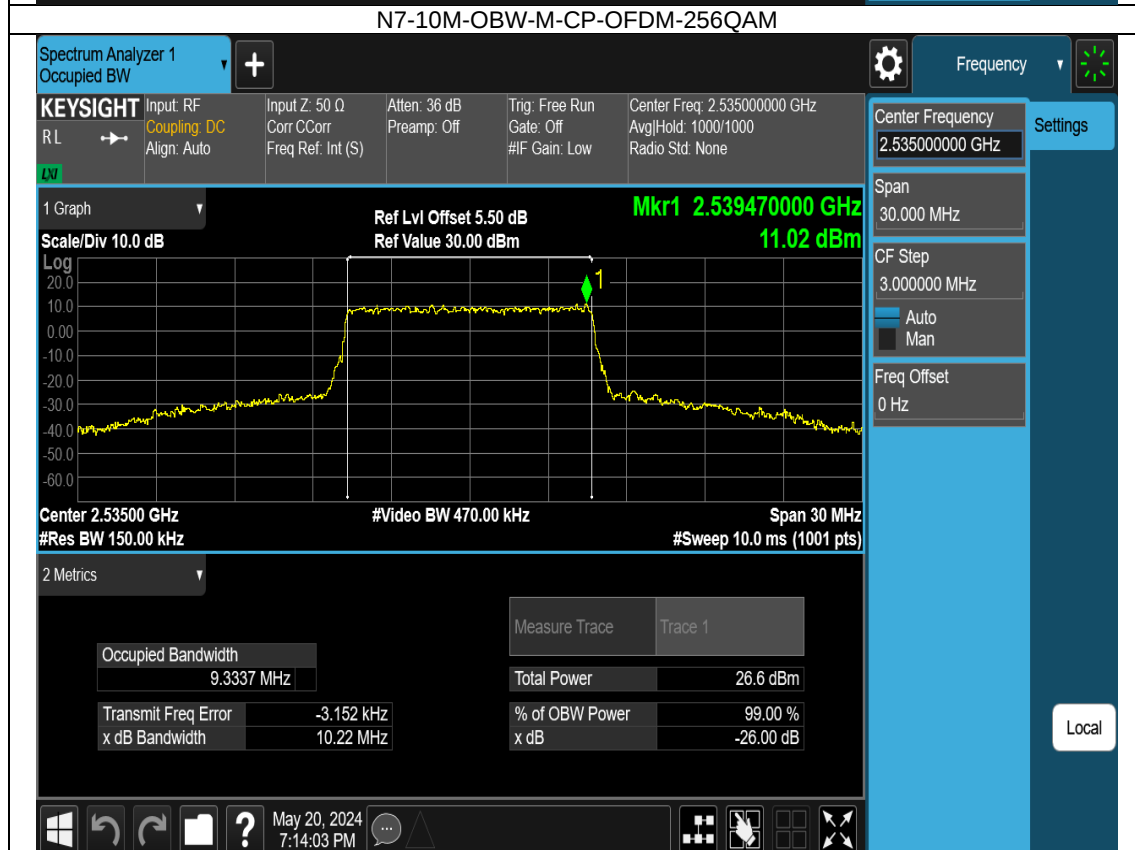
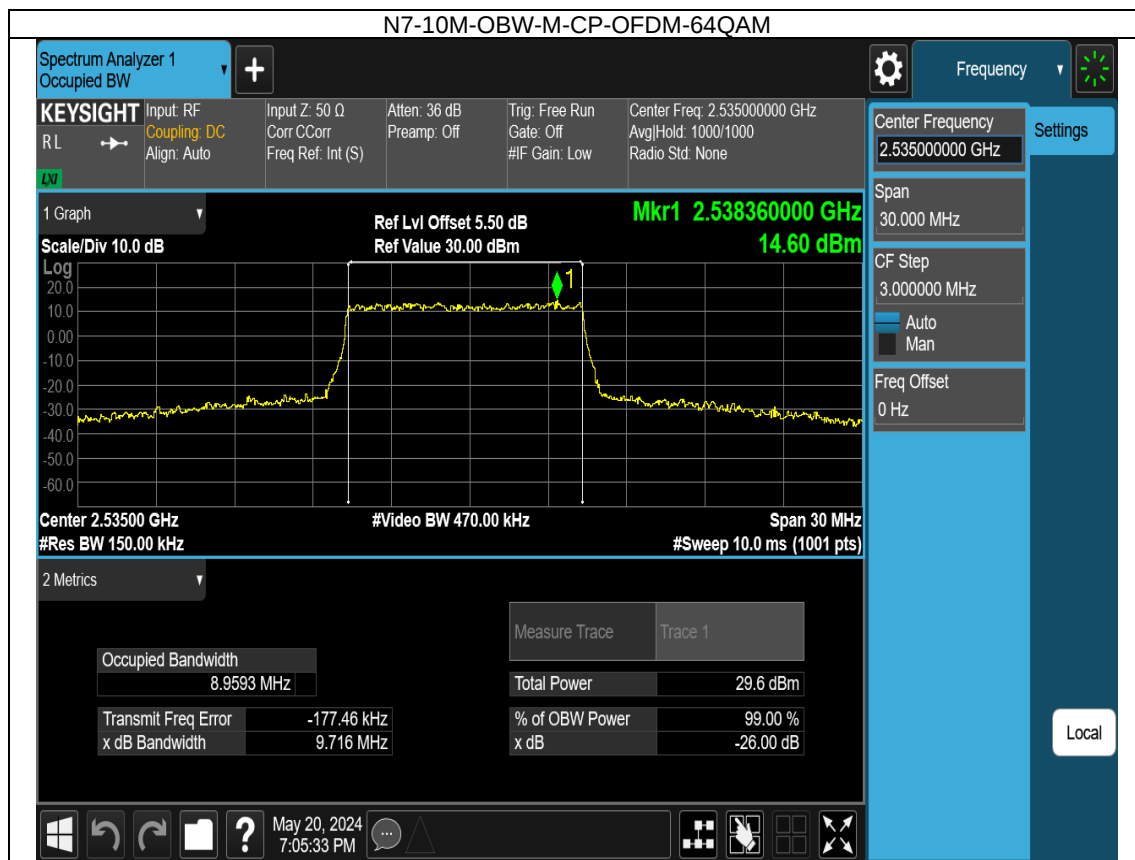
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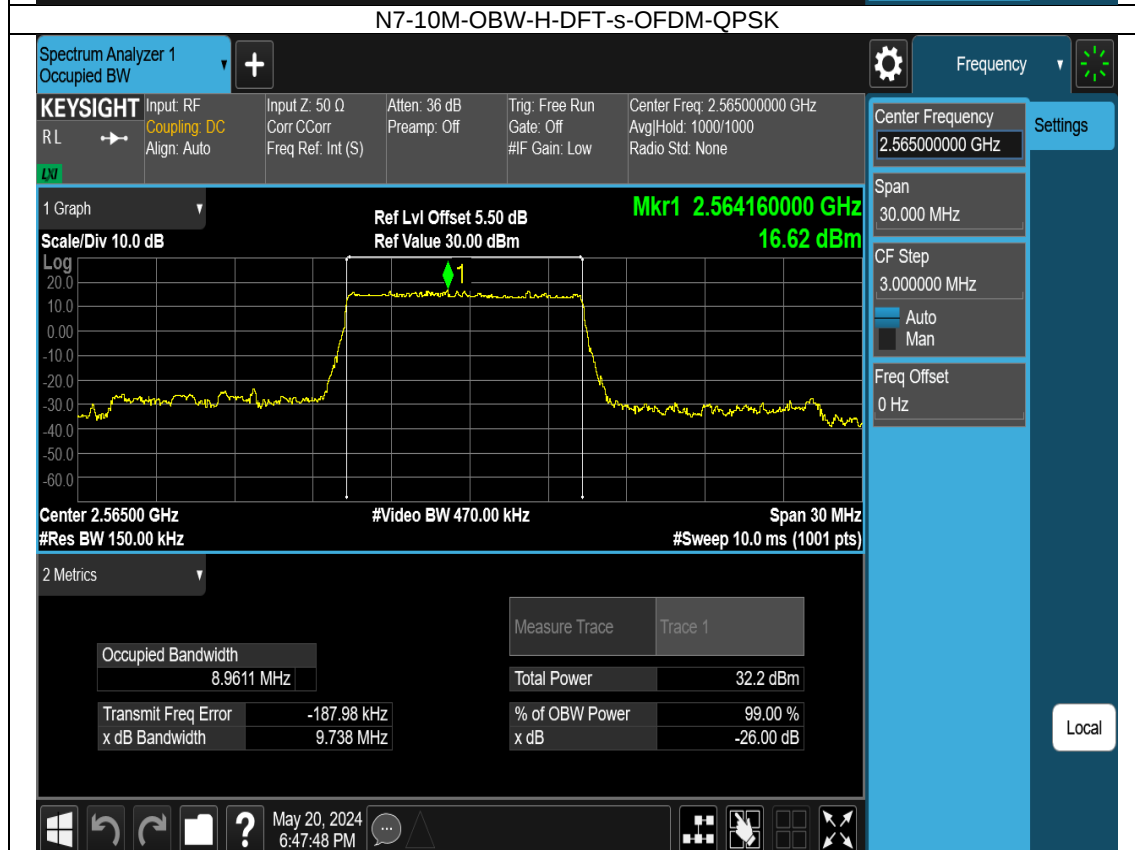
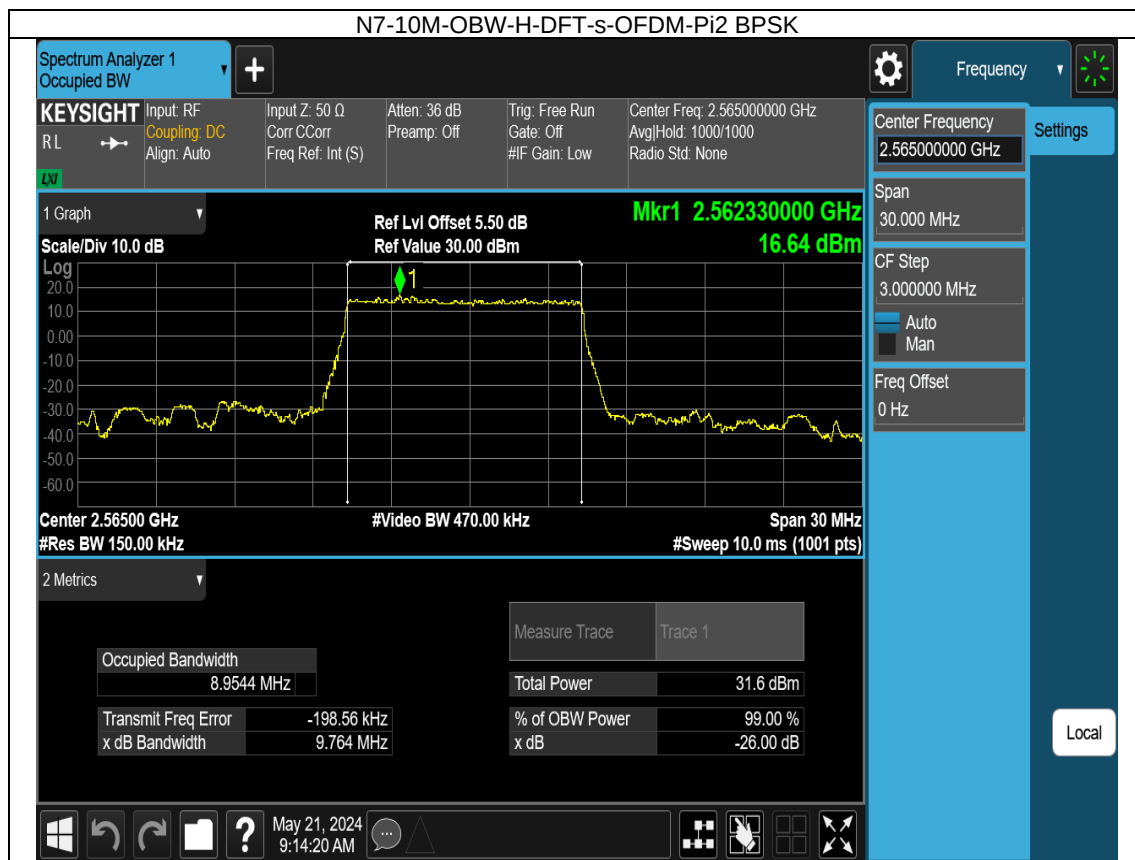


N7-10M-OBW-M-DFT-s-OFDM-256QAM

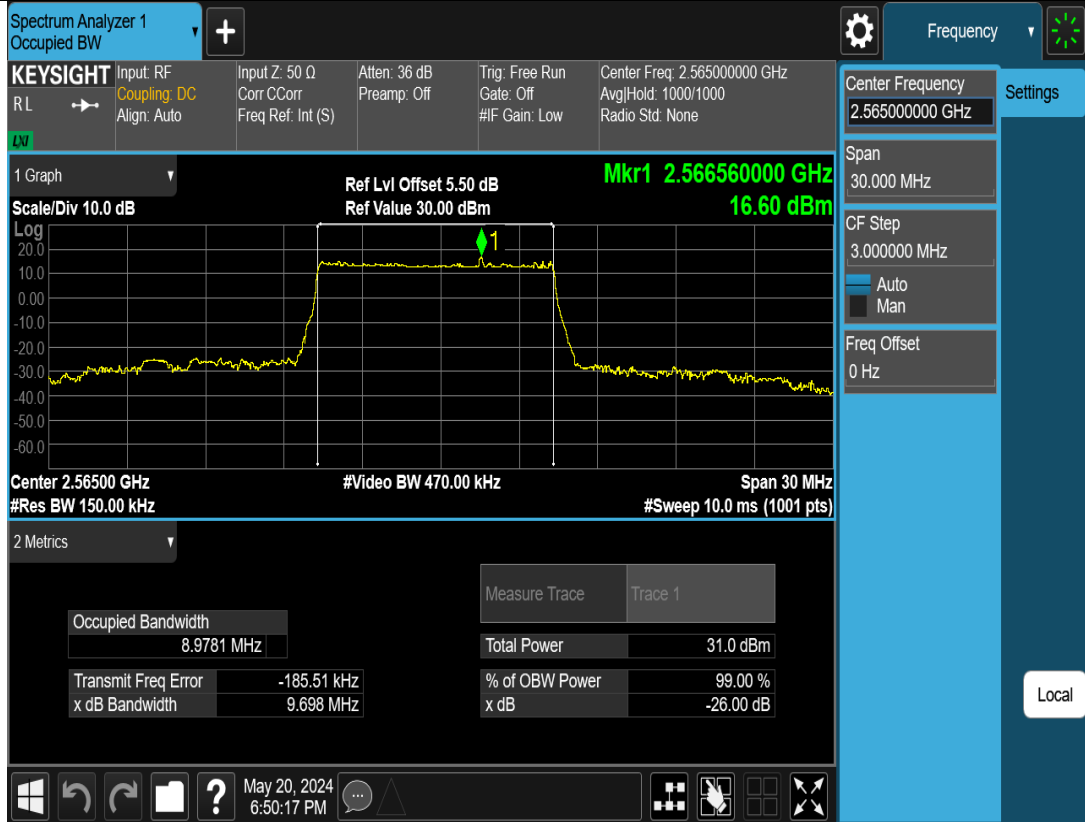




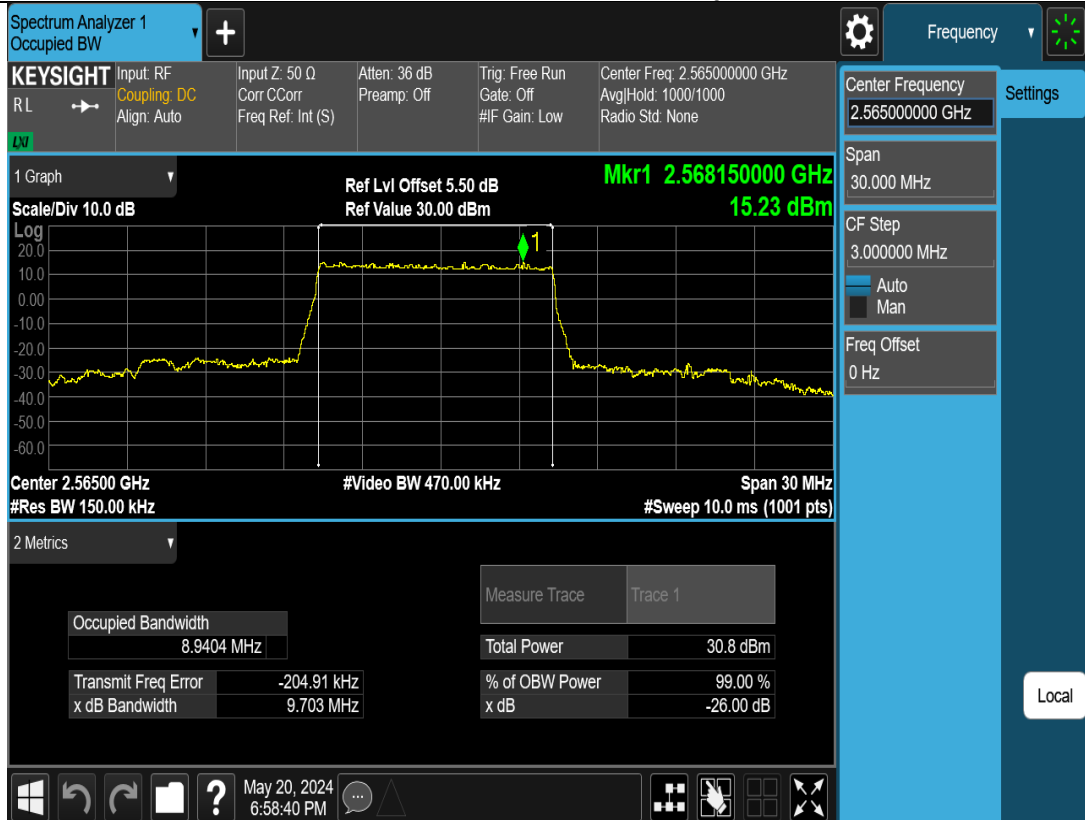


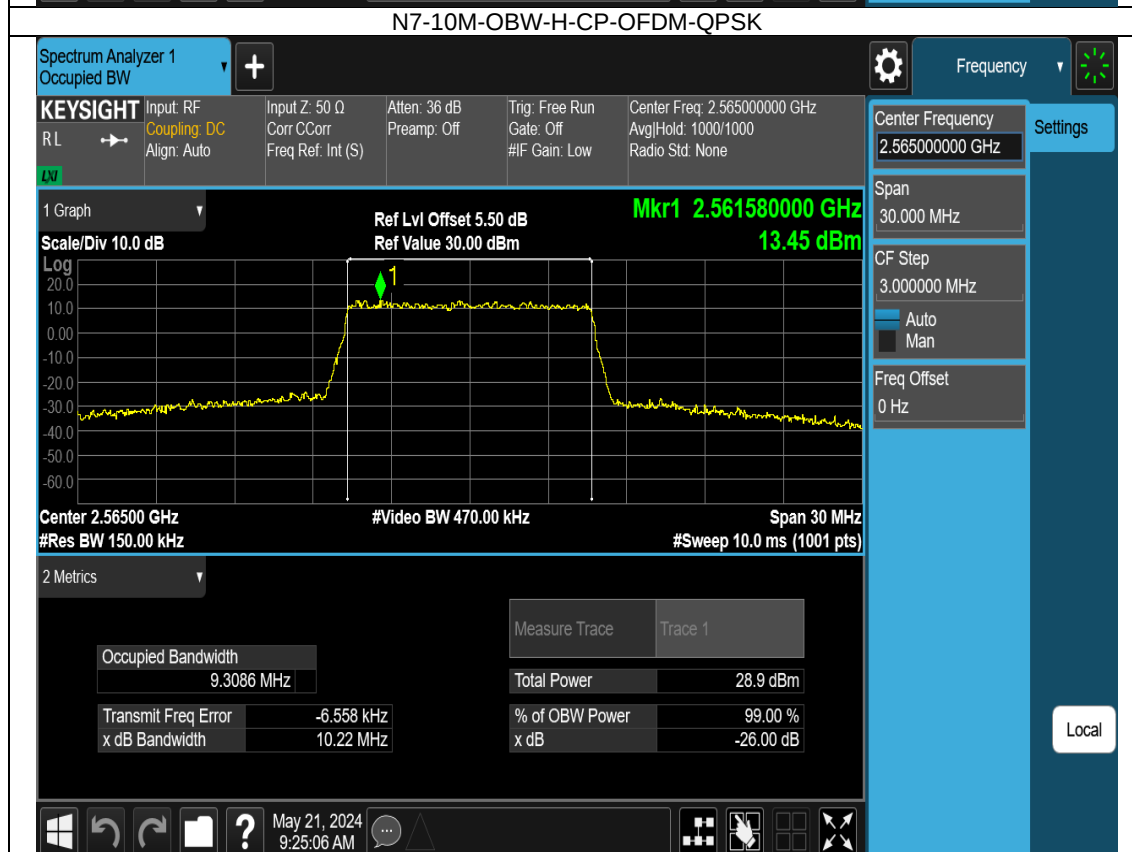
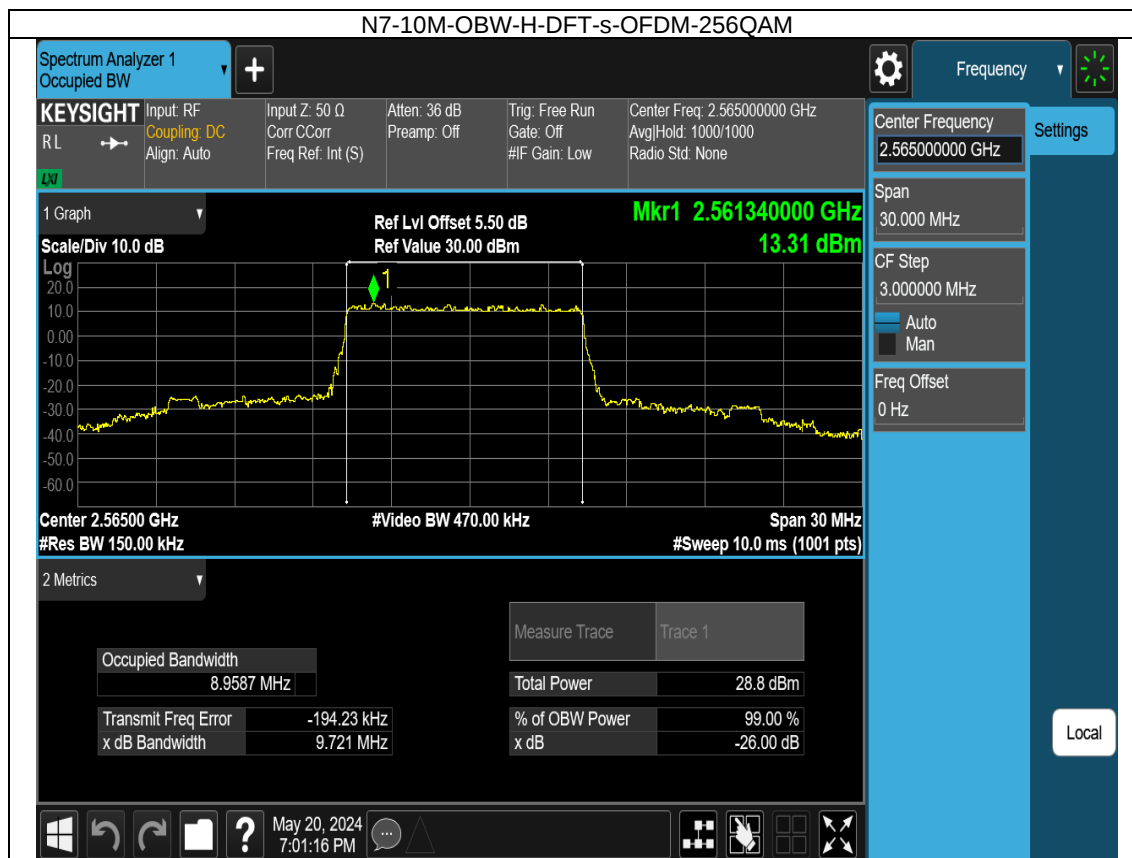


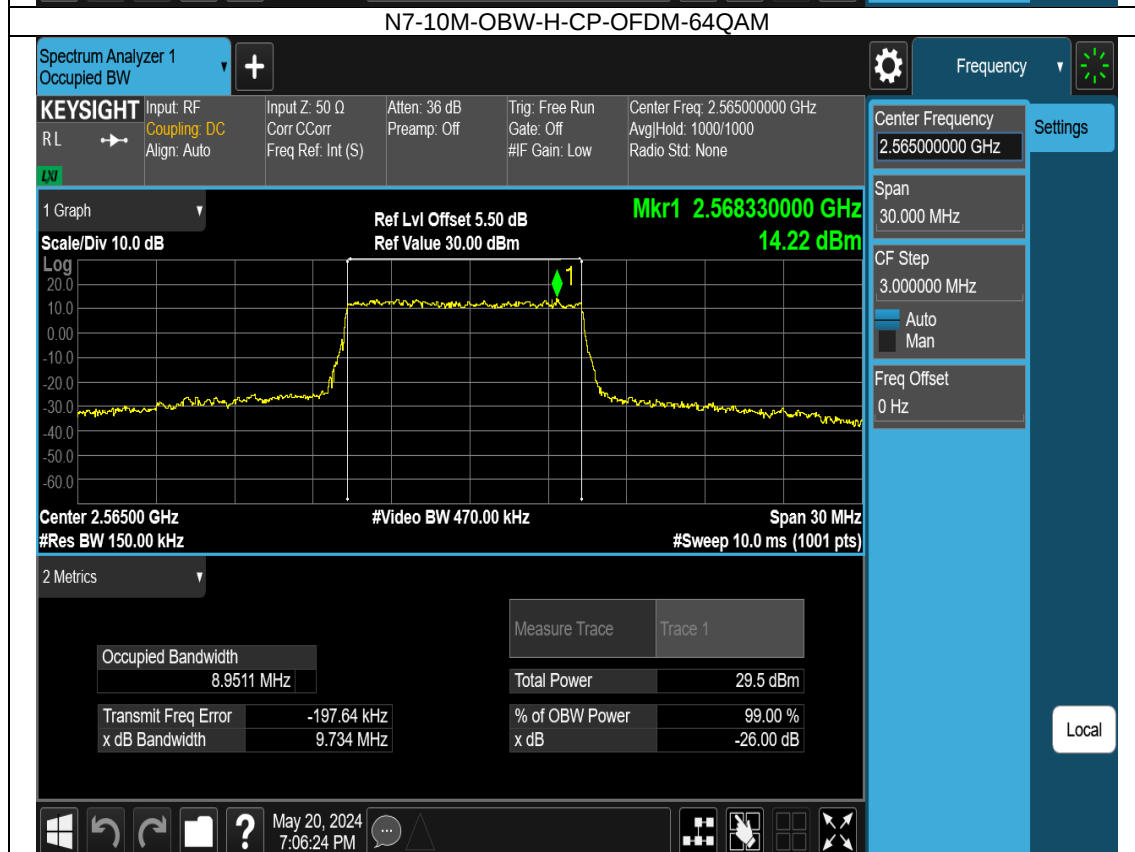
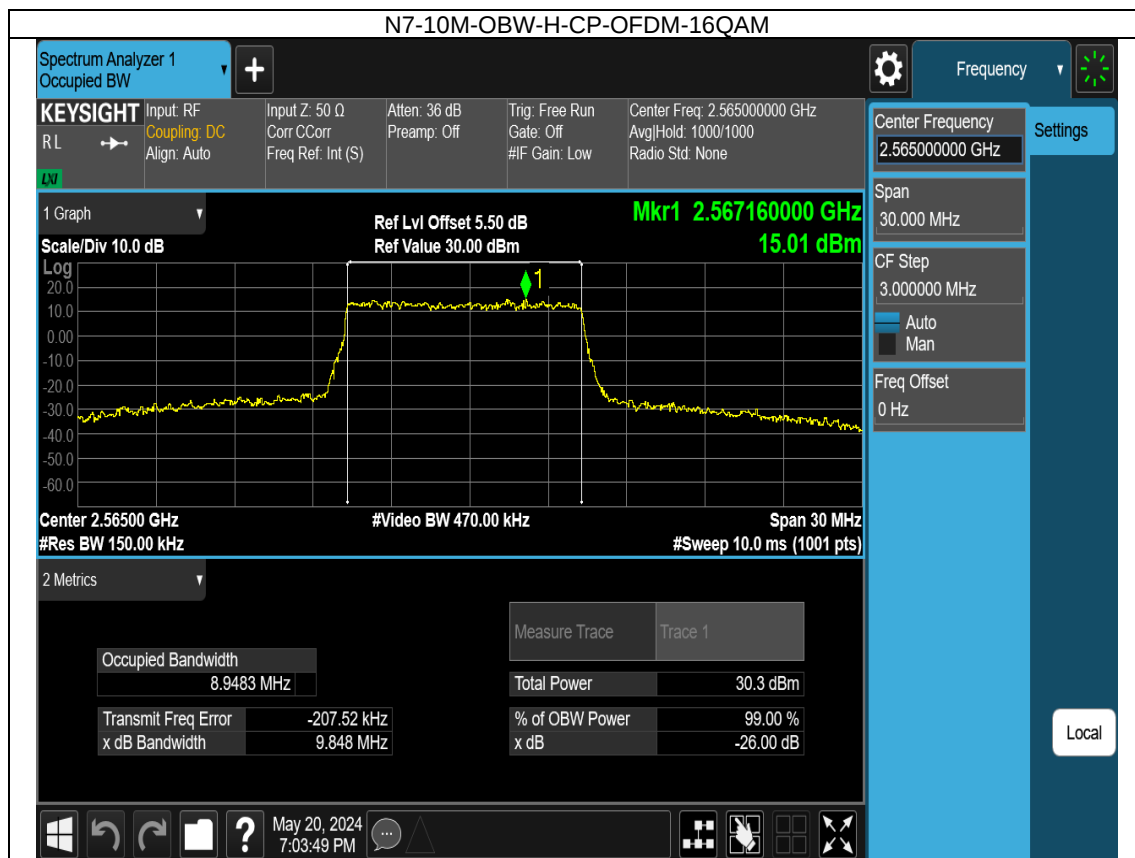
N7-10M-OBW-H-DFT-s-OFDM-16QAM

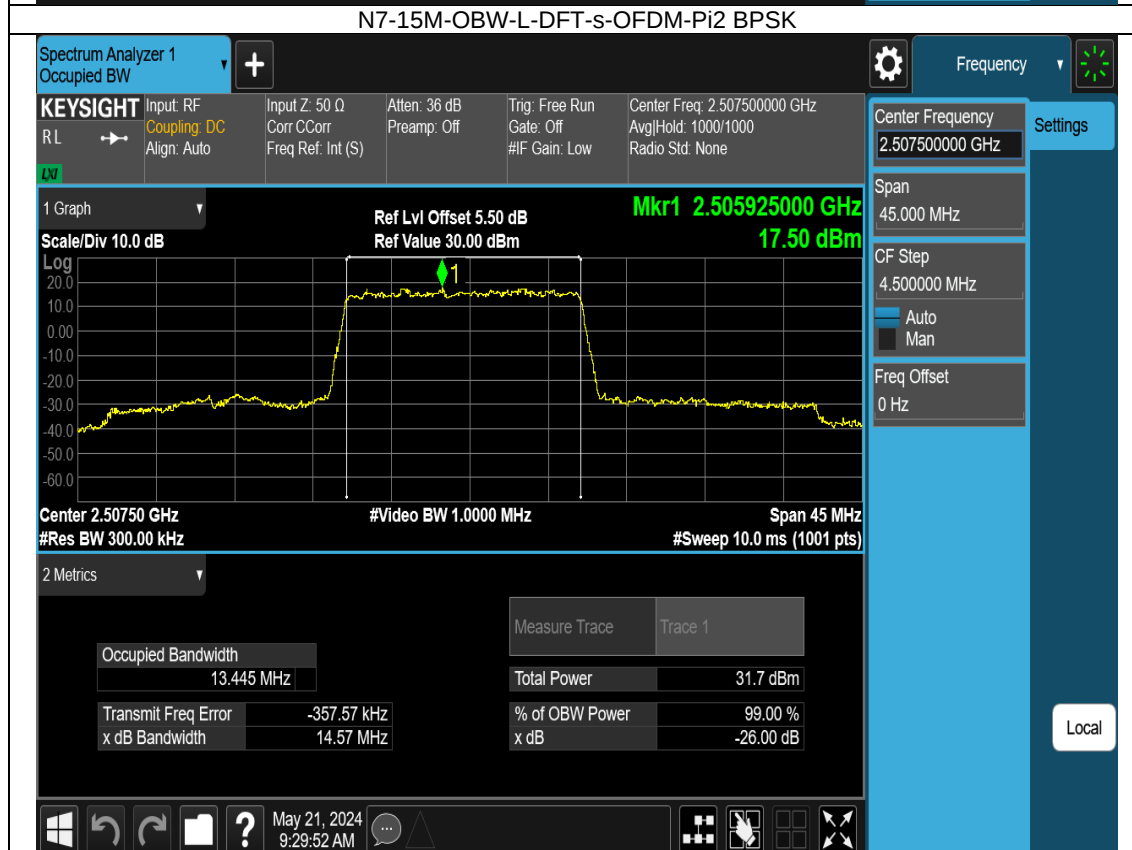
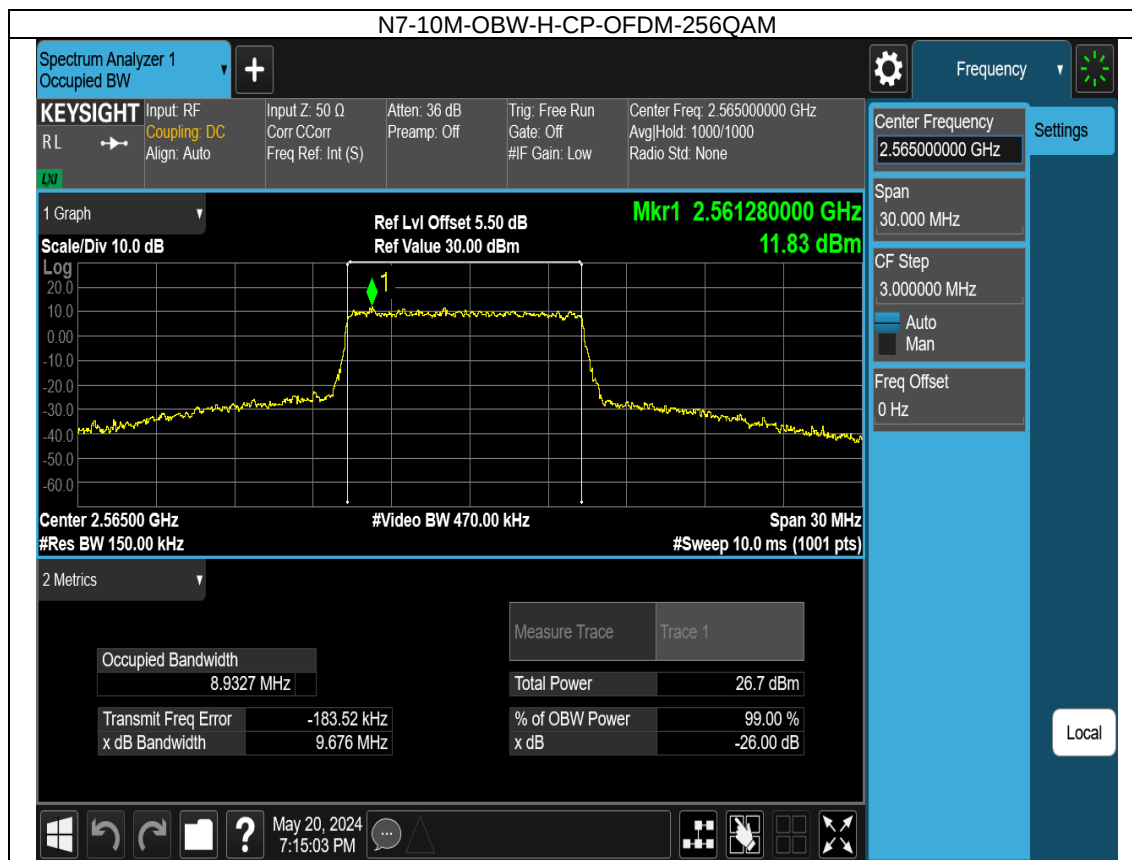


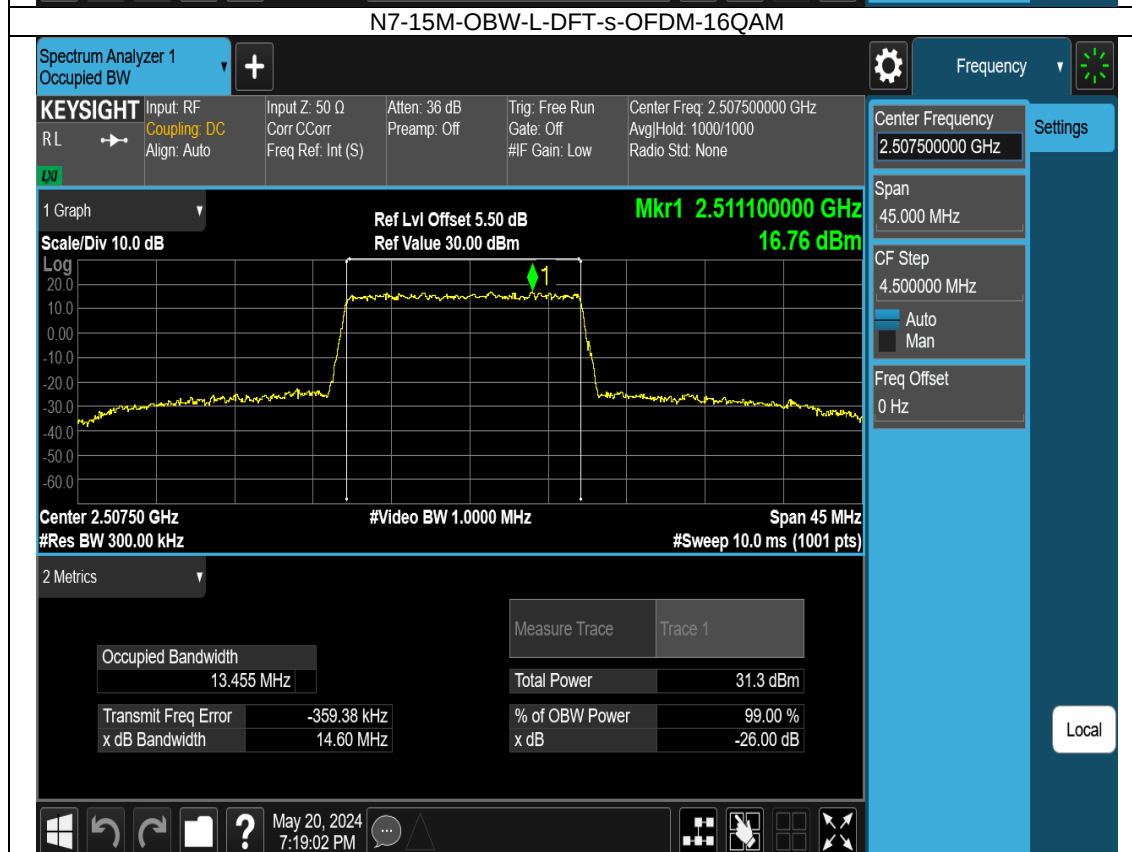
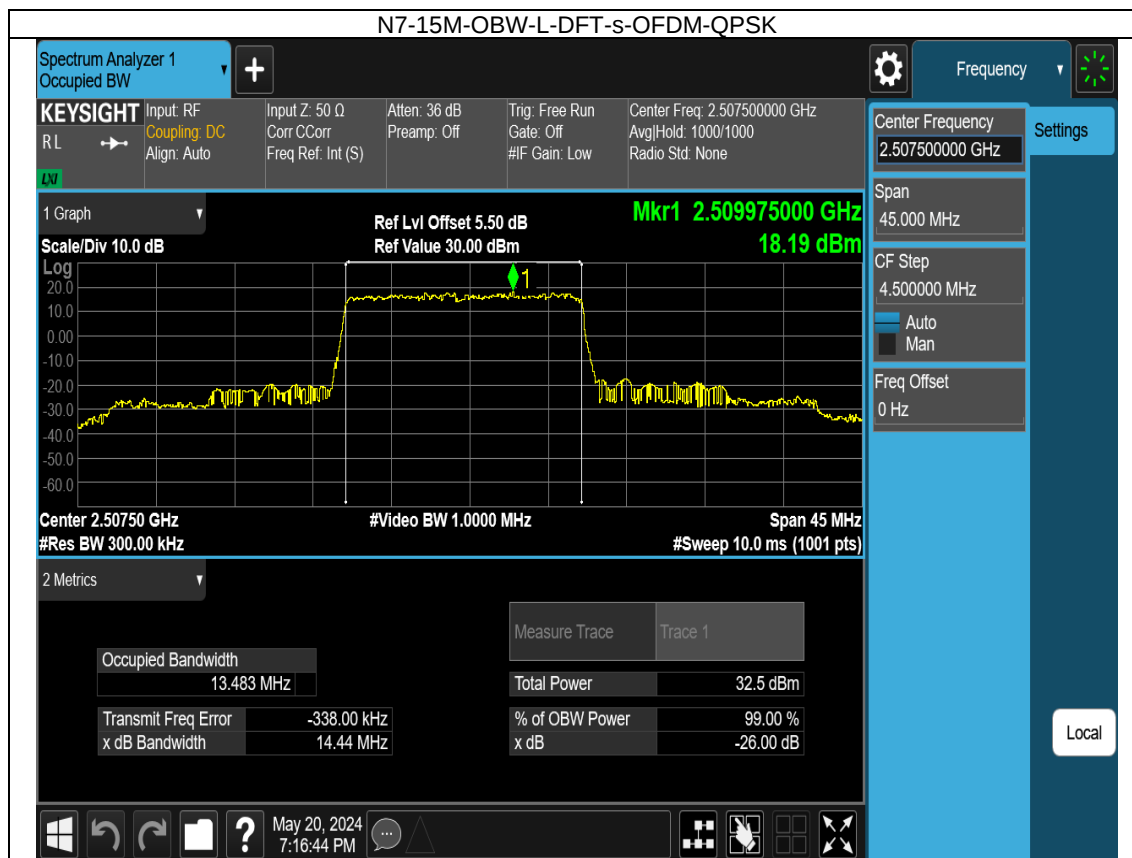
N7-10M-OBW-H-DFT-s-OFDM-64QAM



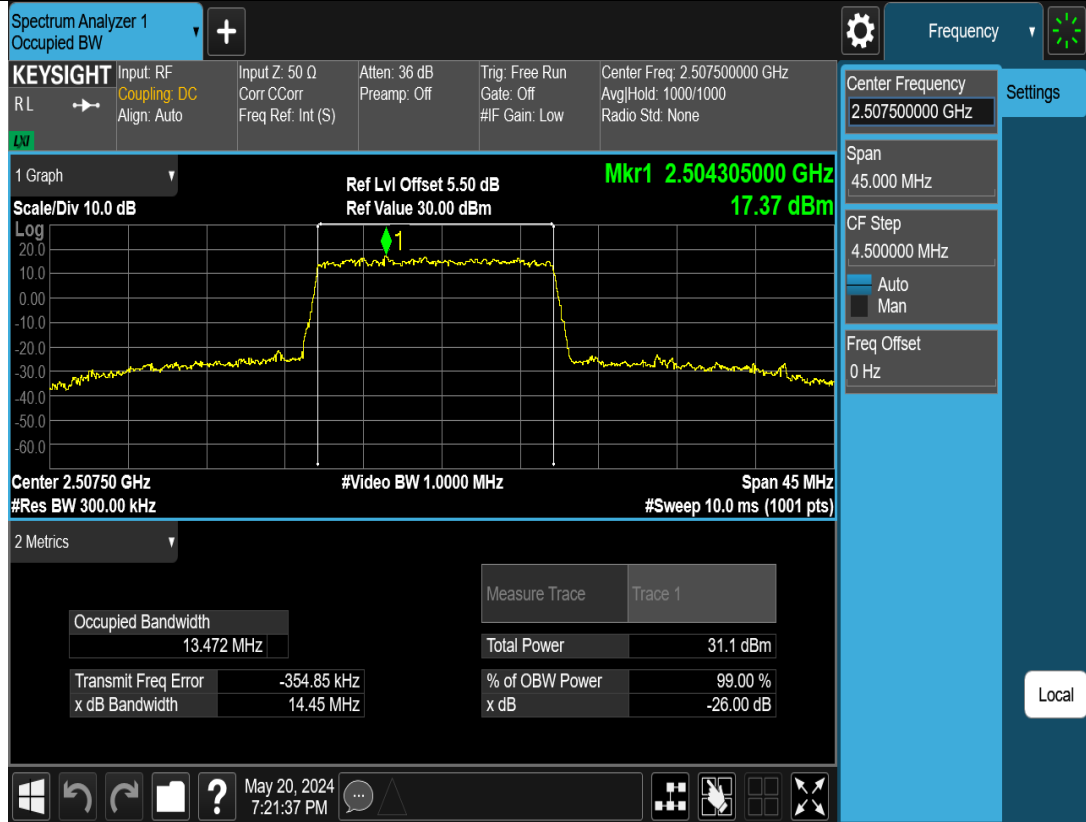








N7-15M-OBW-L-DFT-s-OFDM-64QAM



N7-15M-OBW-L-DFT-s-OFDM-256QAM

