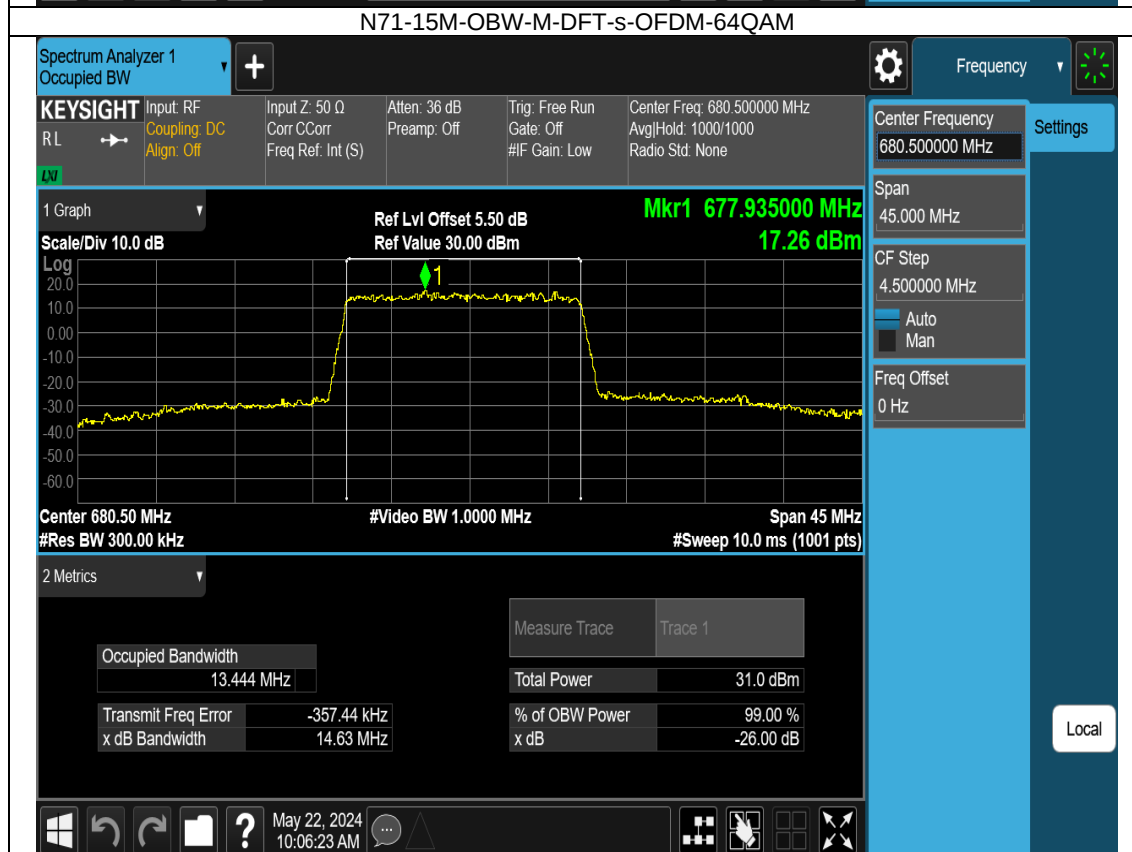
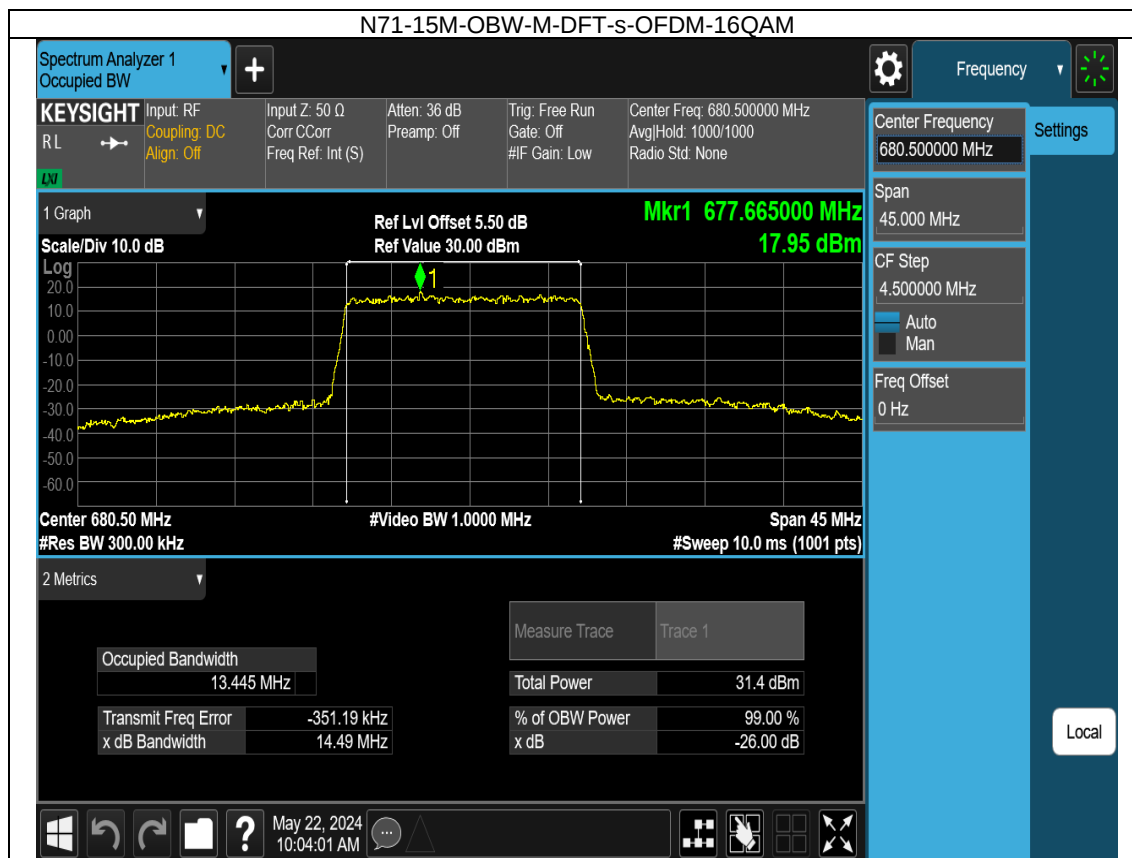
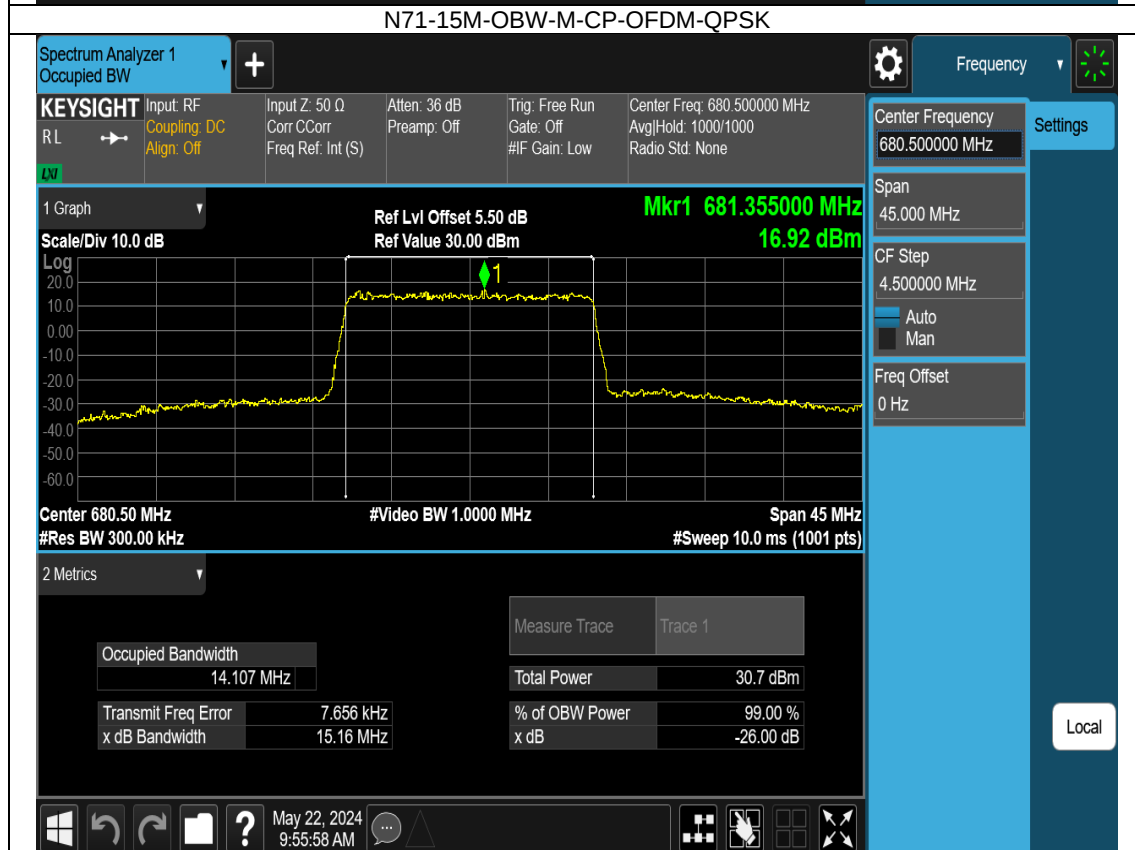
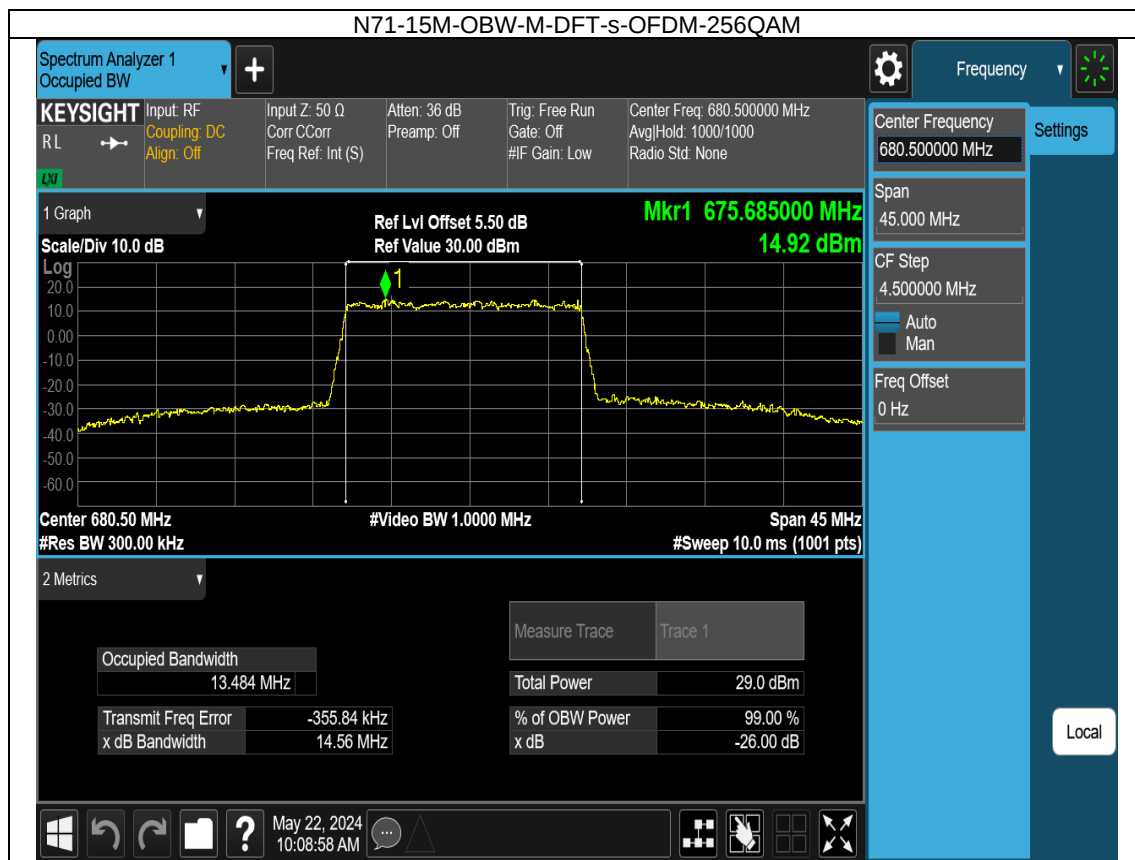
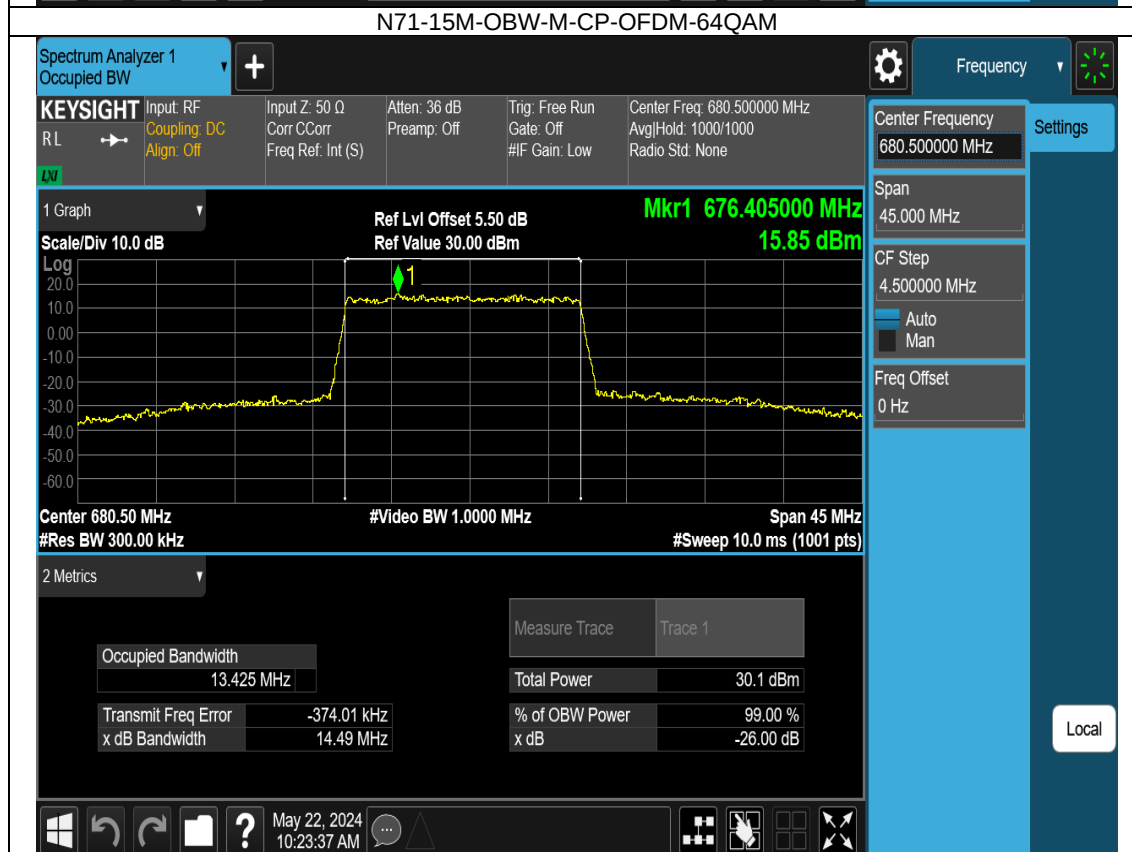
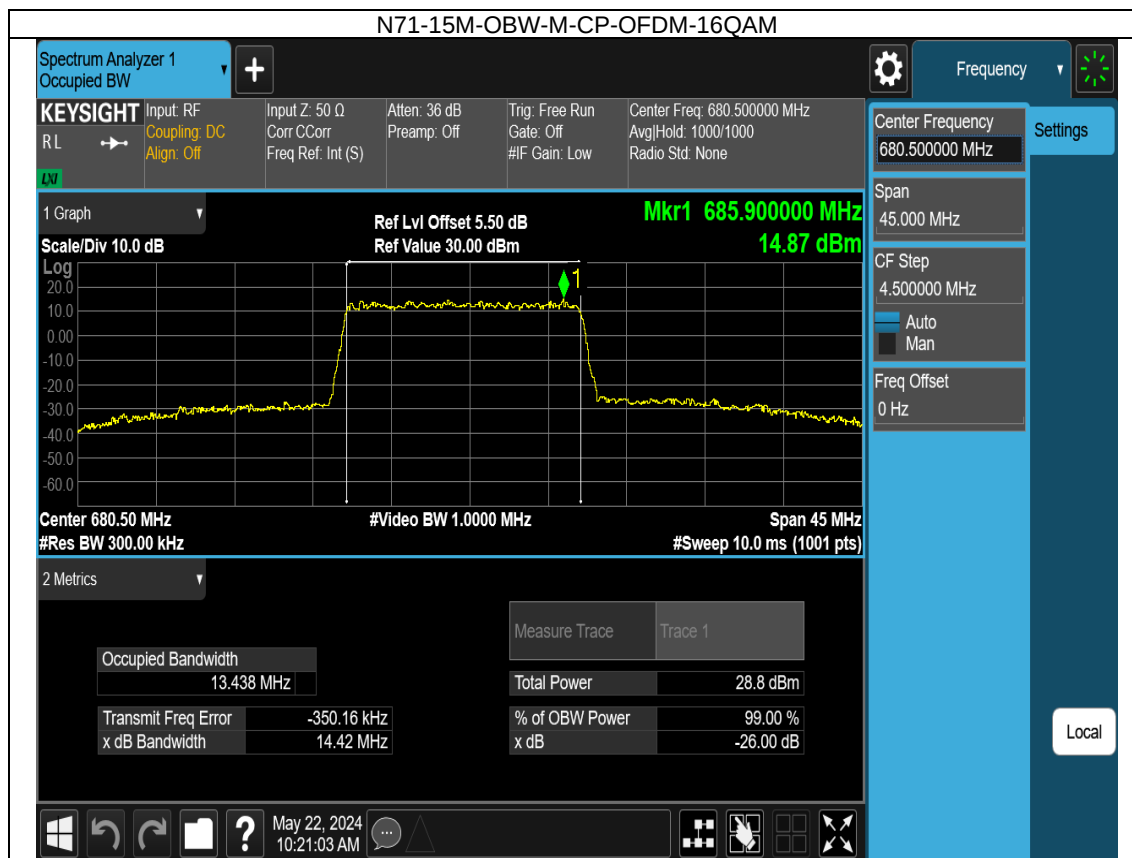
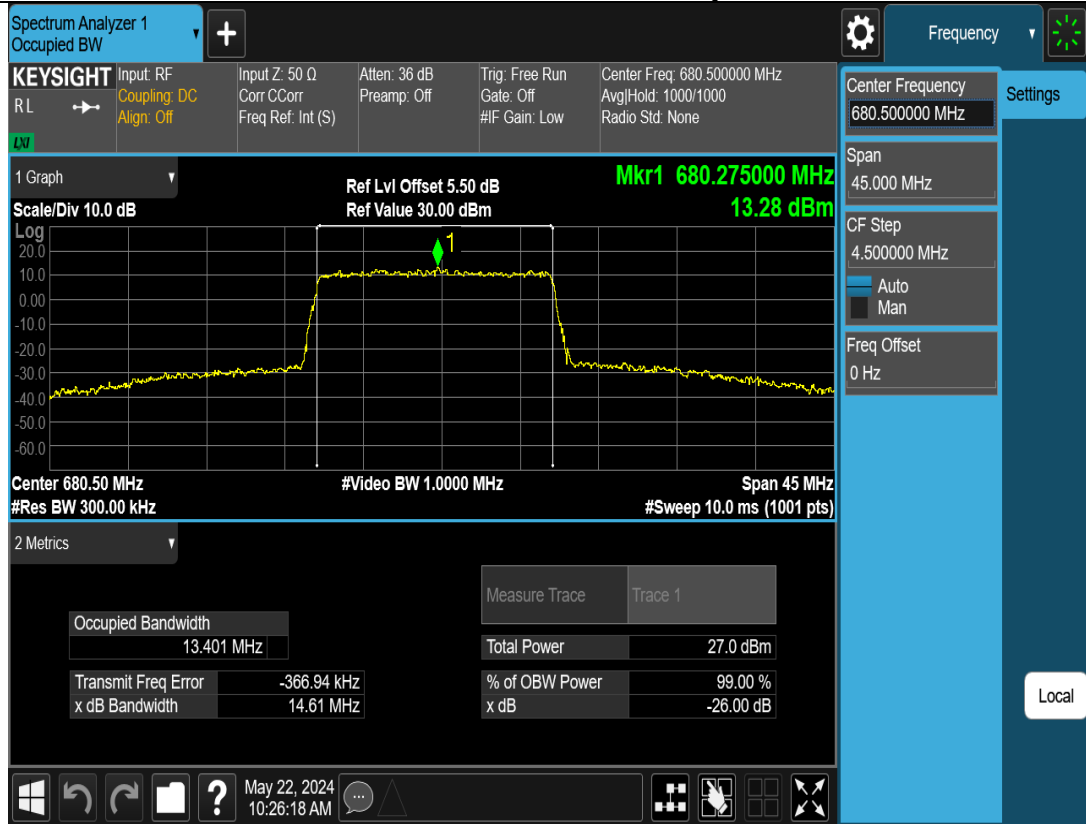




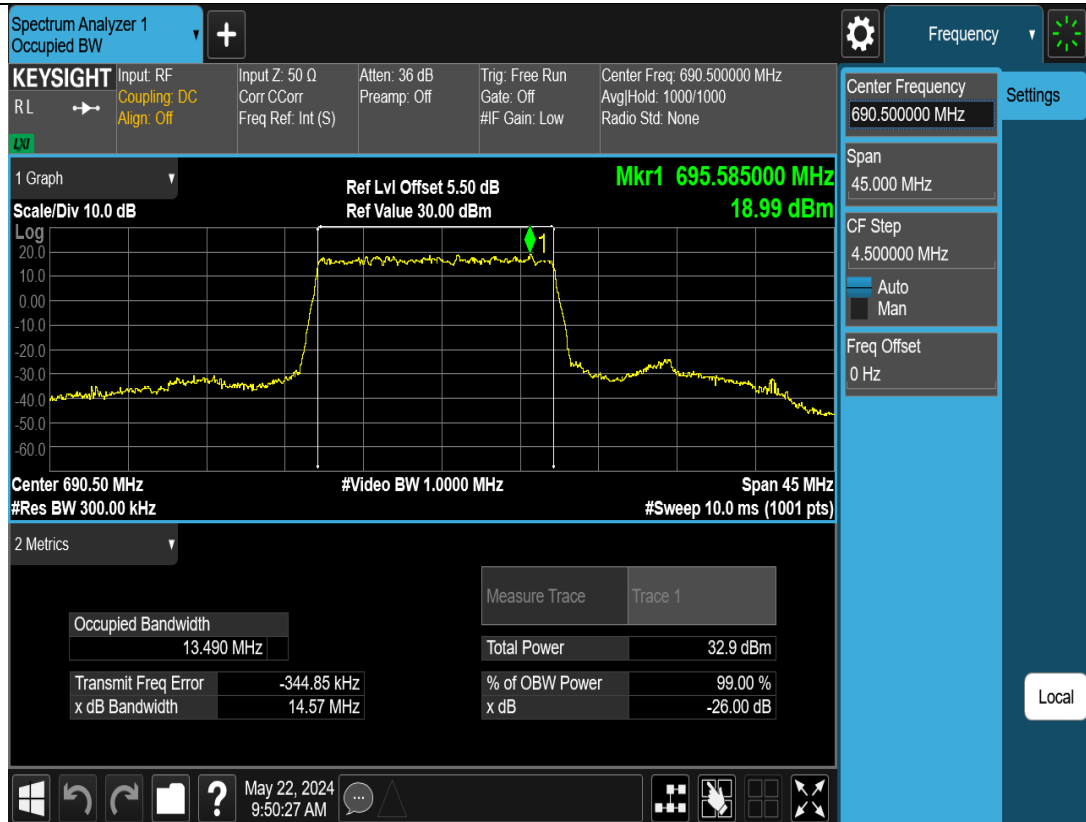




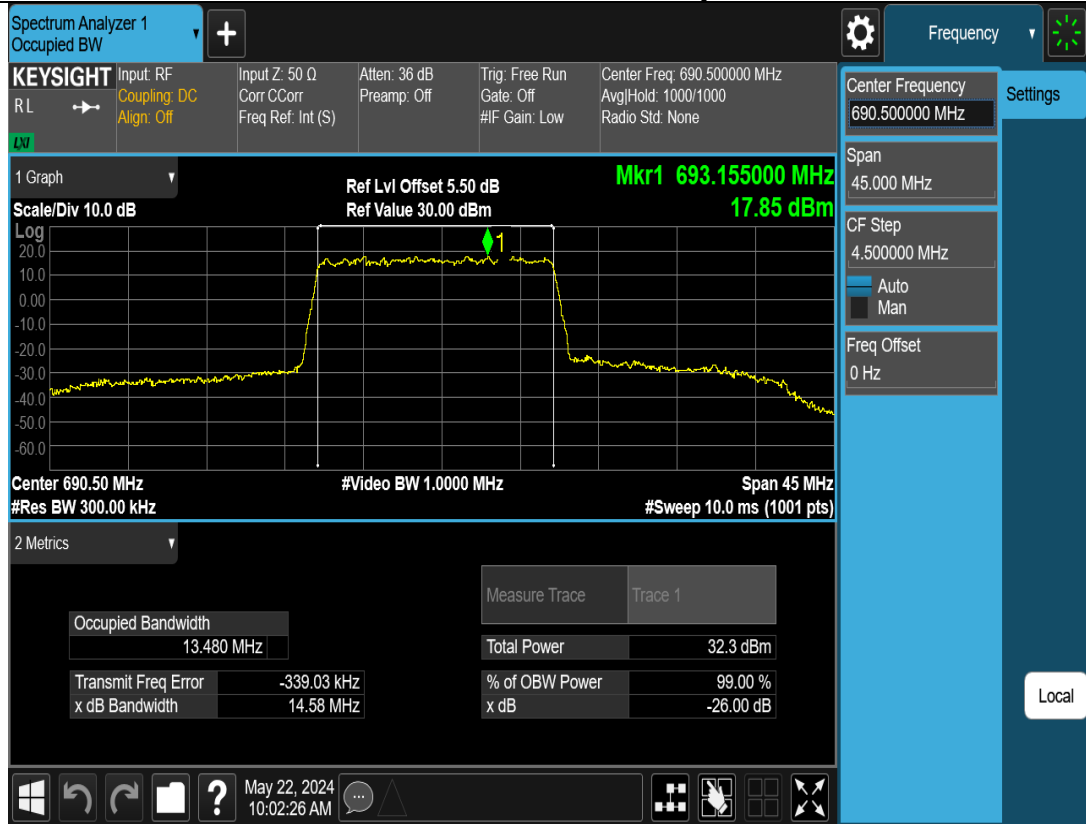
N71-15M-OBW-M-CP-OFDM-256QAM



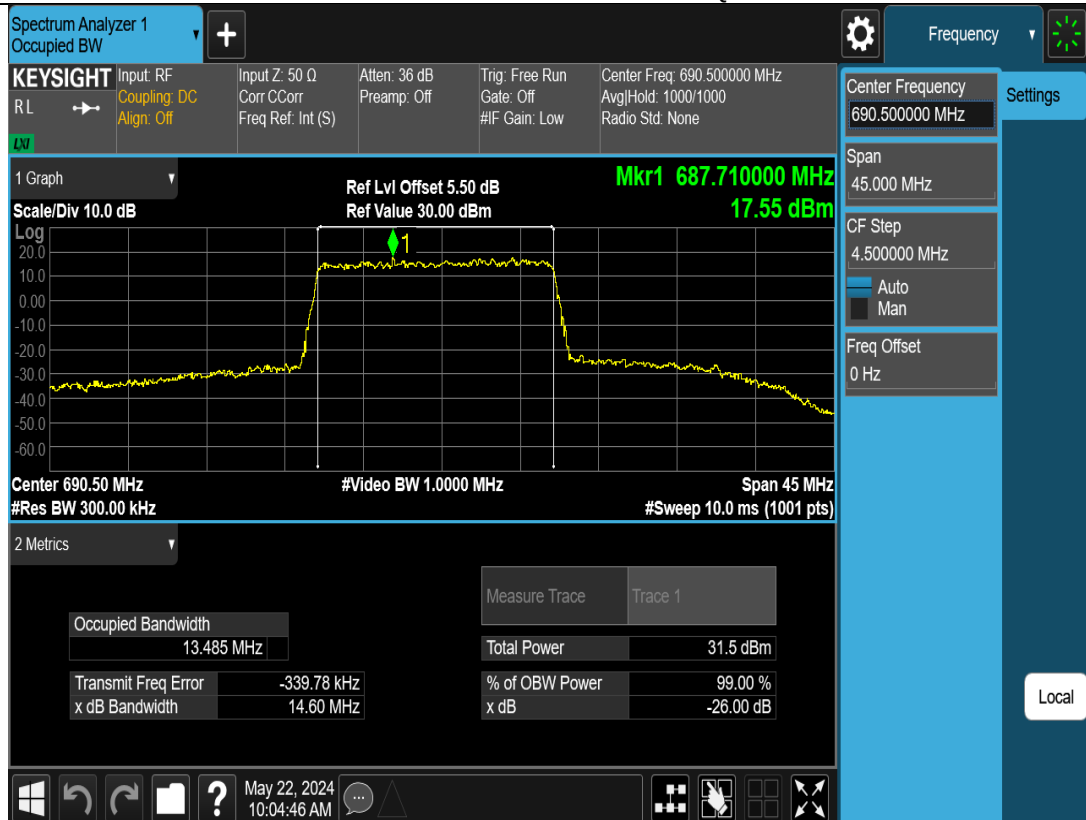
N71-15M-OBW-H-DFT-s-OFDM-Pi2 BPSK

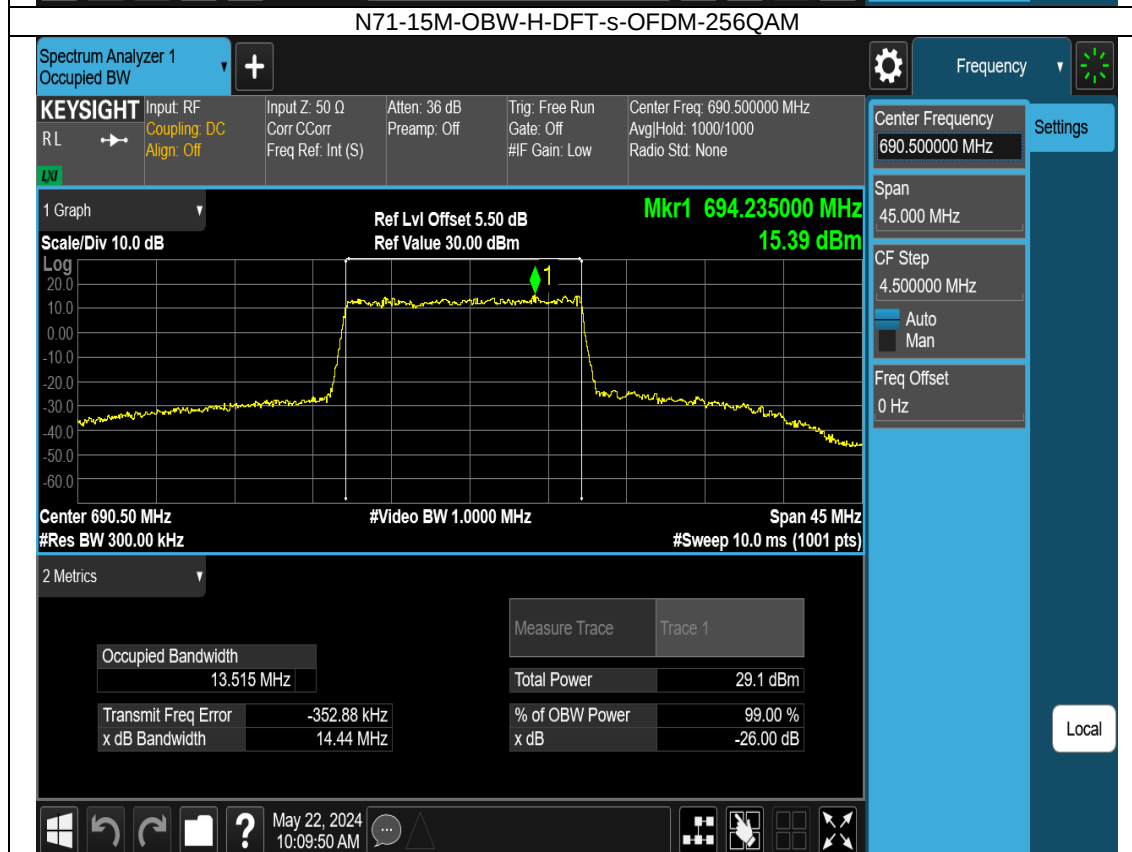
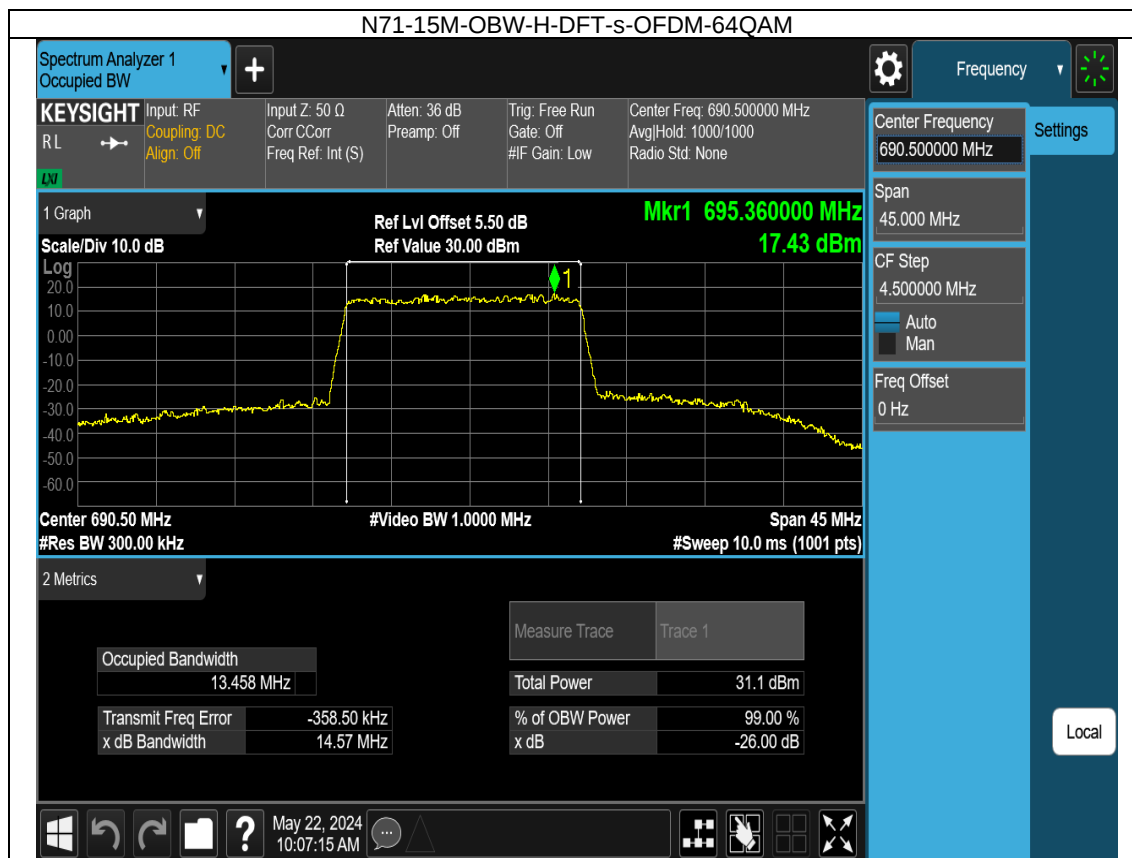


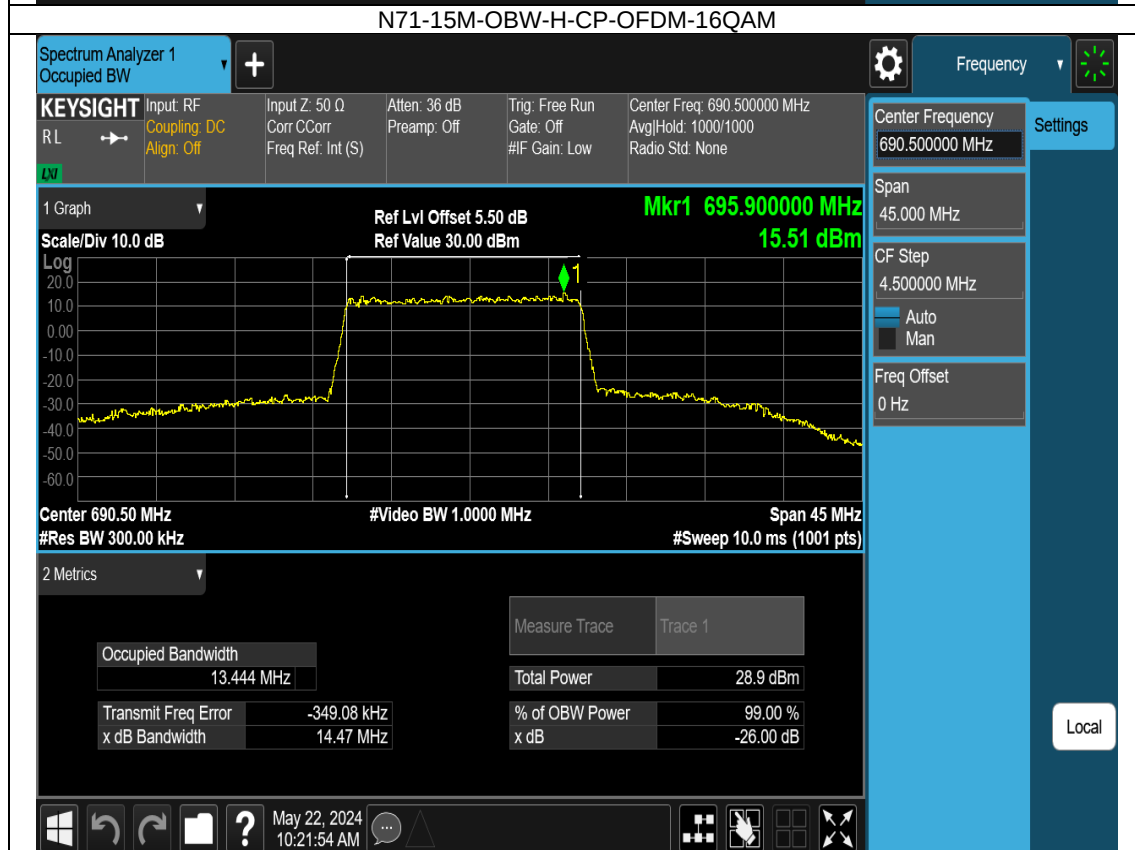
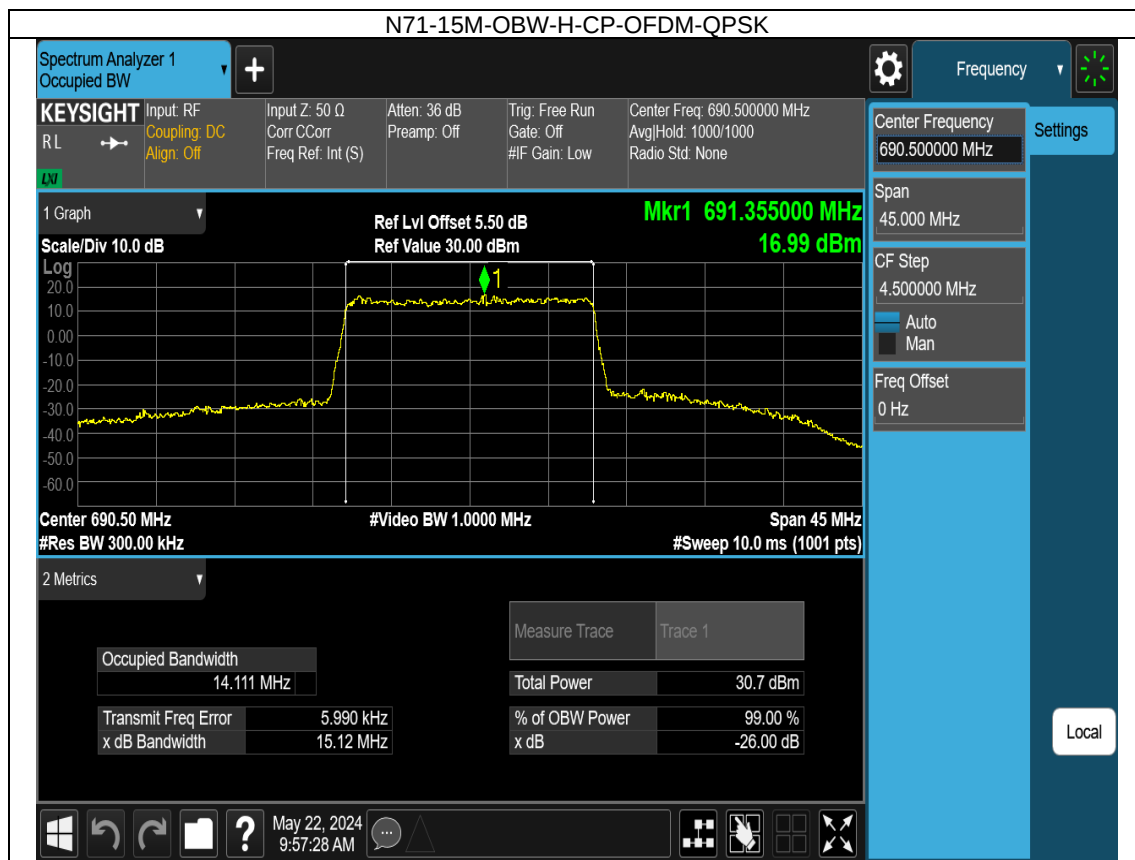
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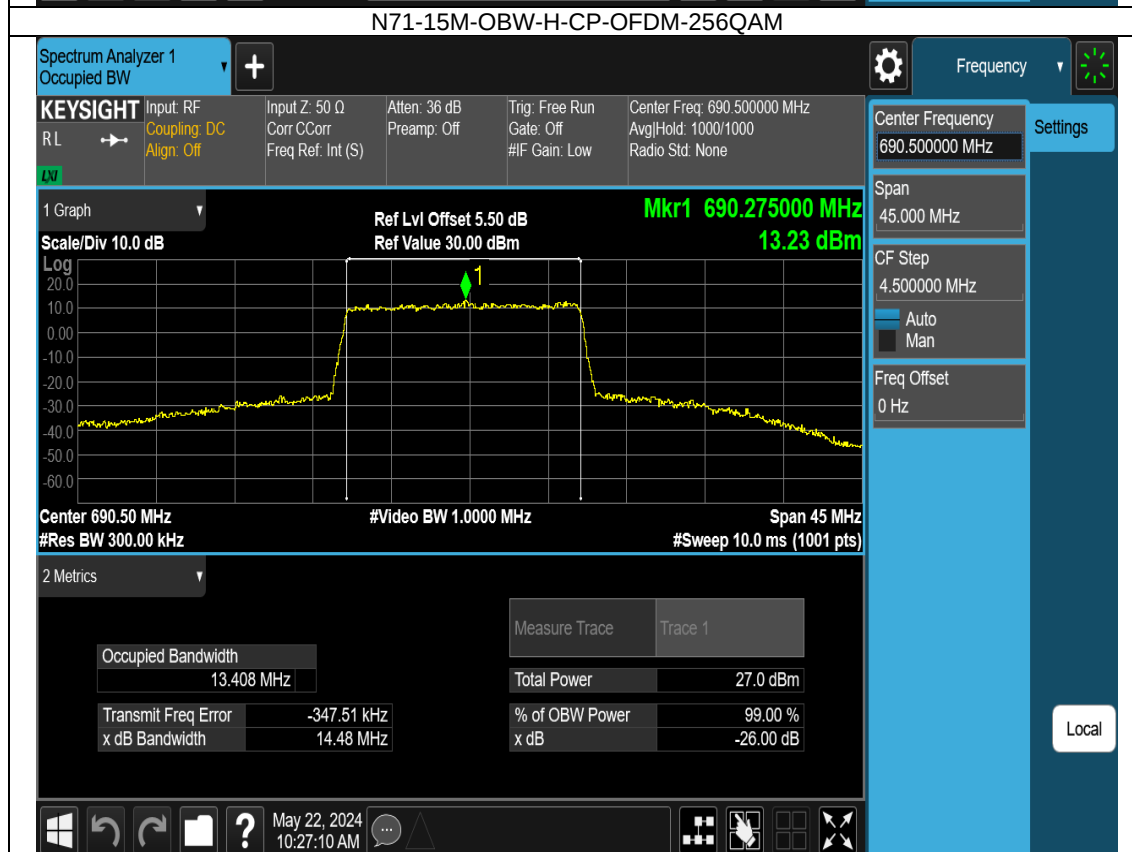
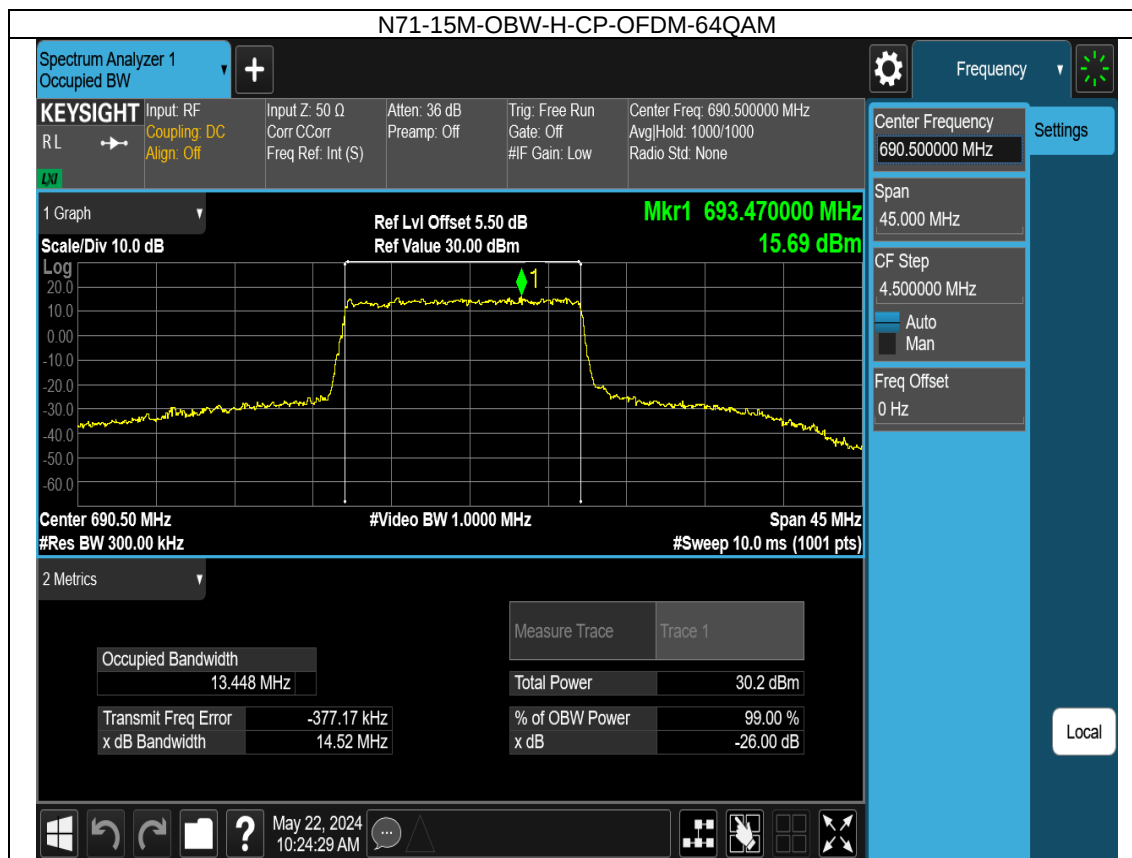


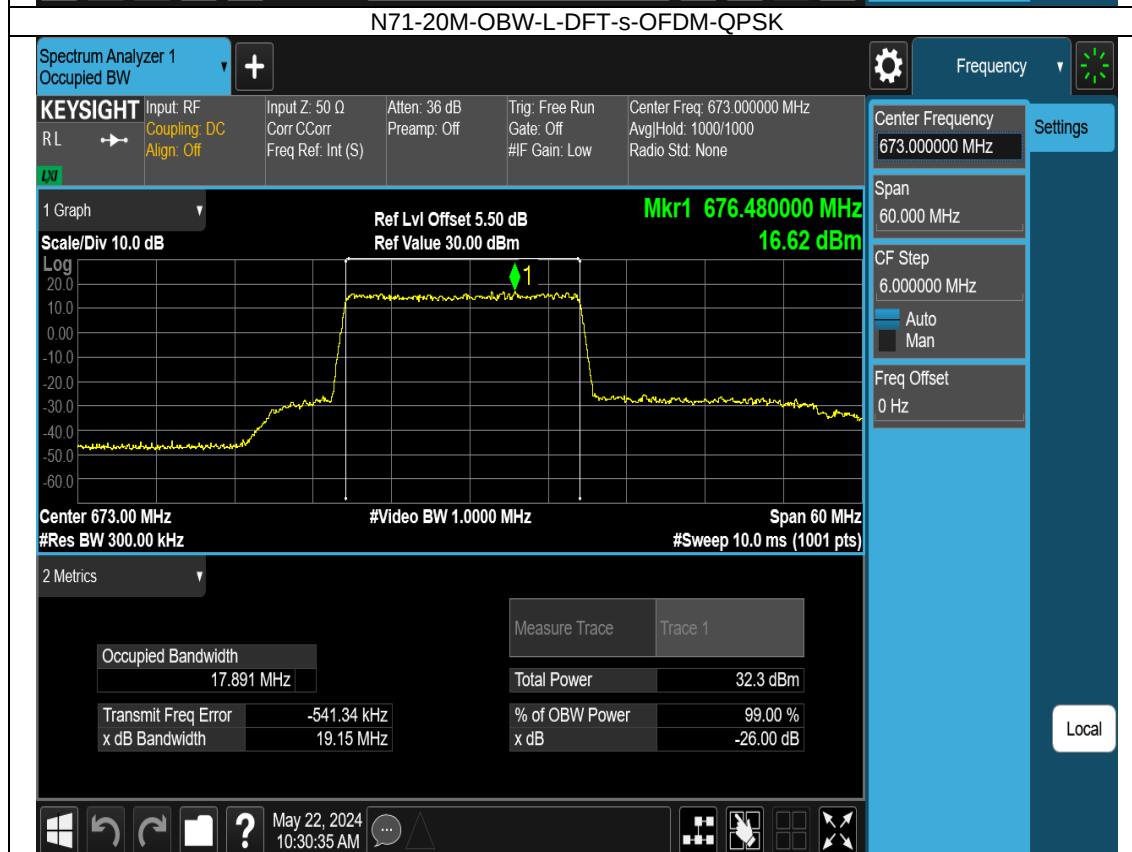
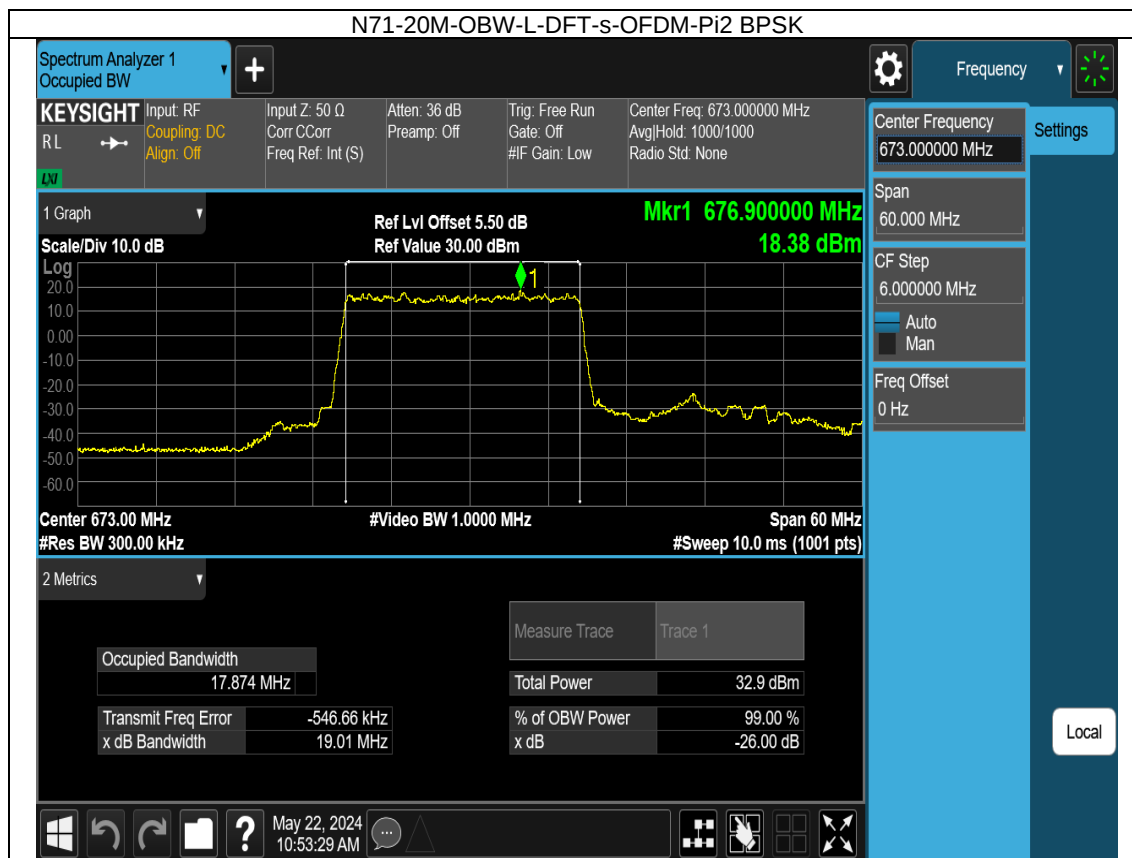
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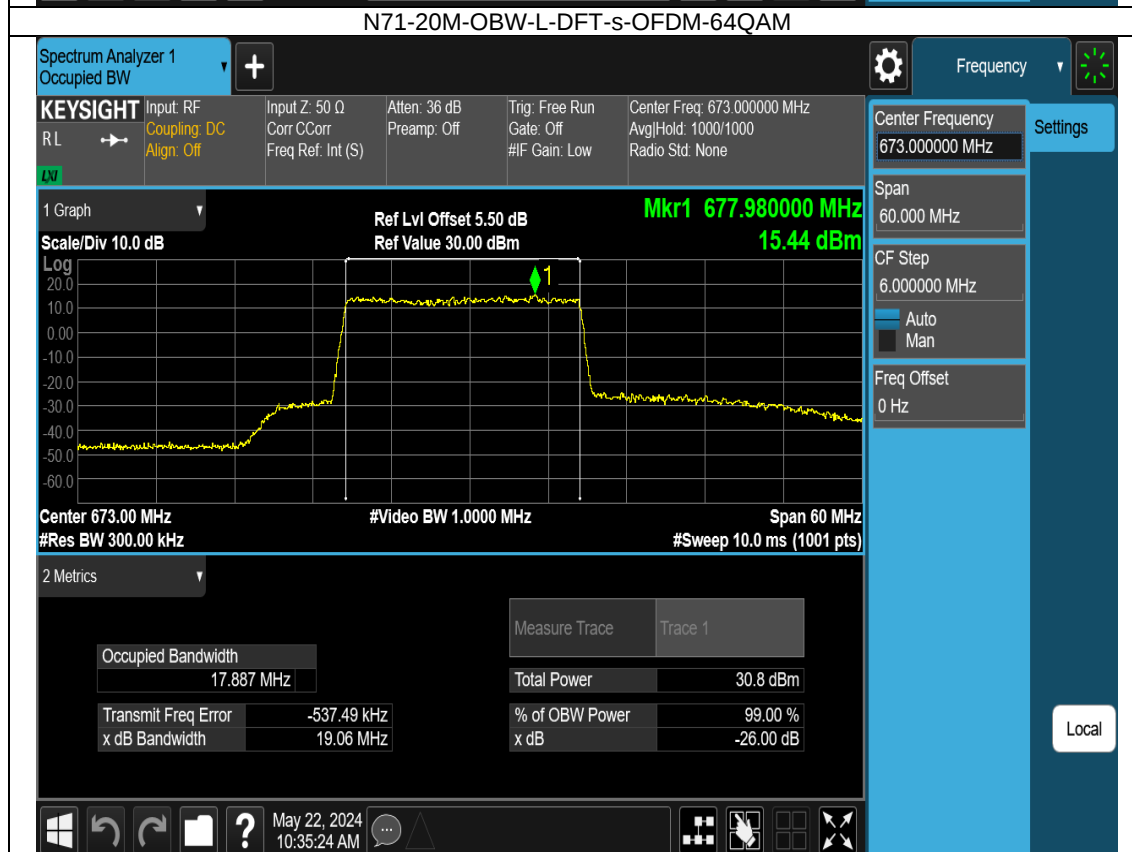
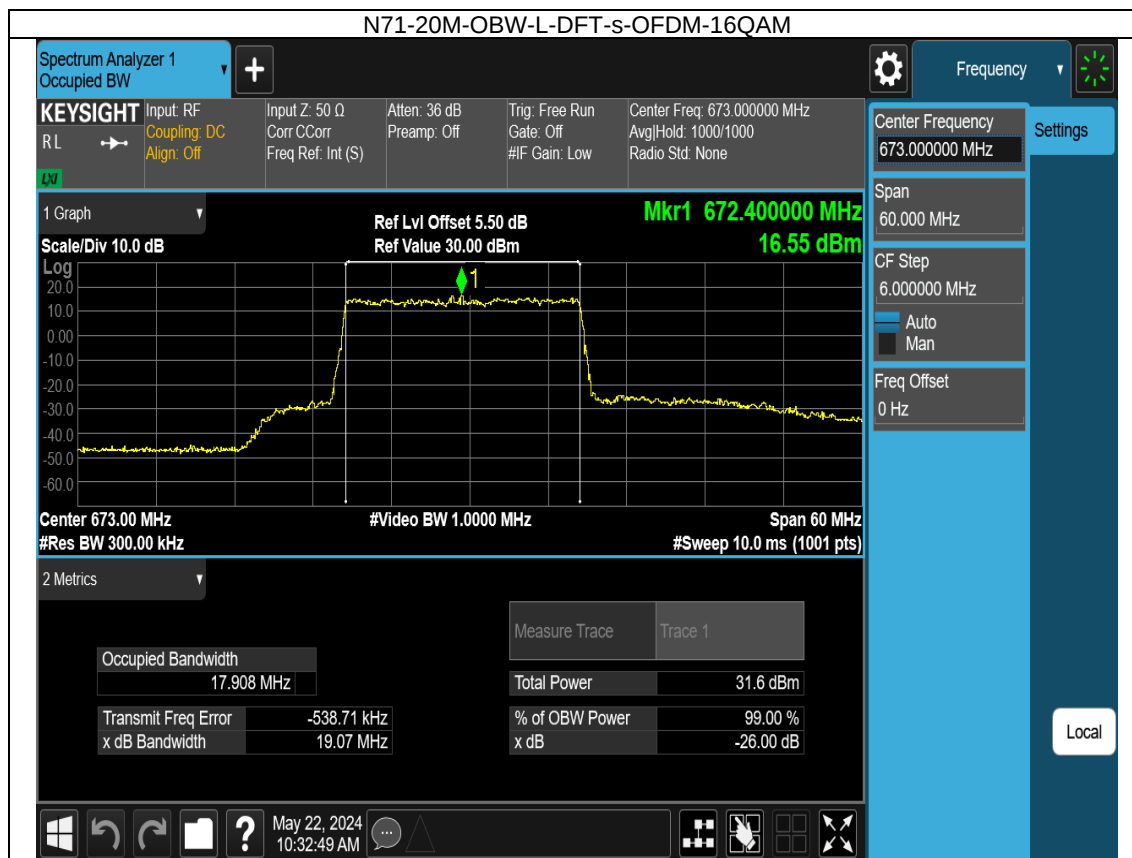


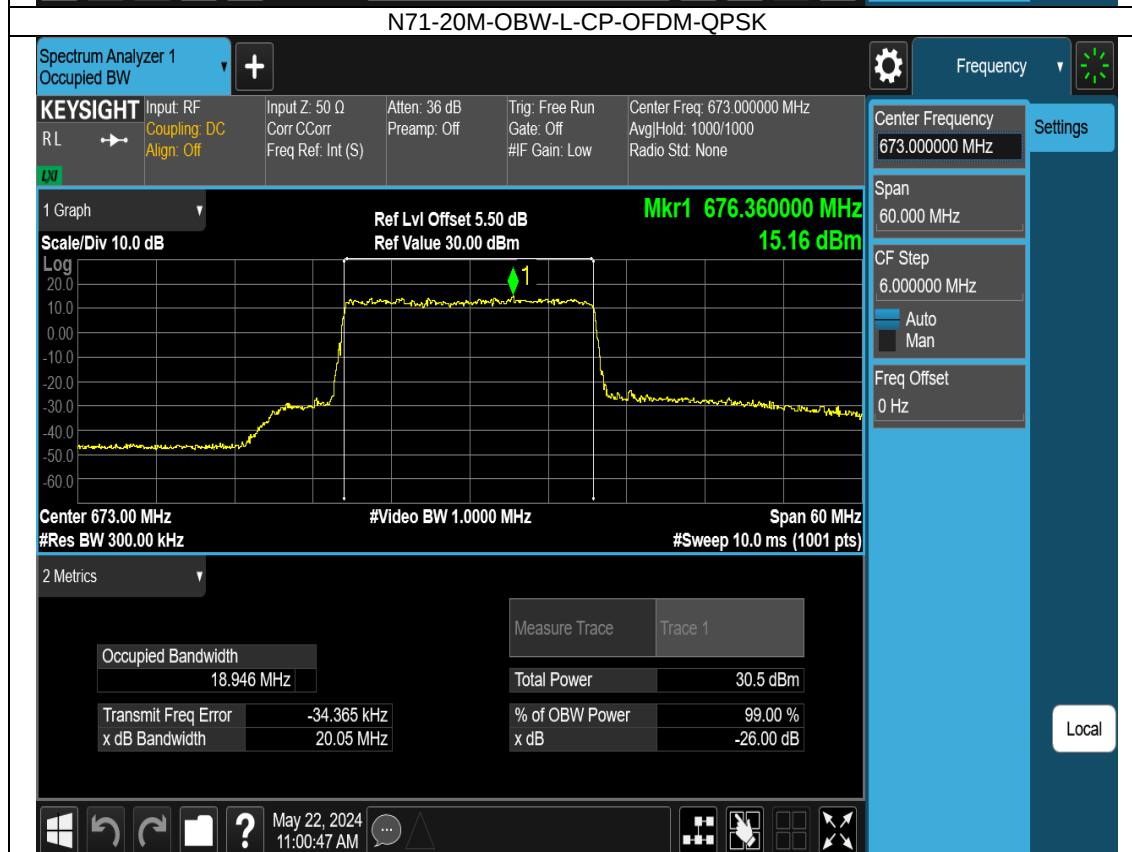
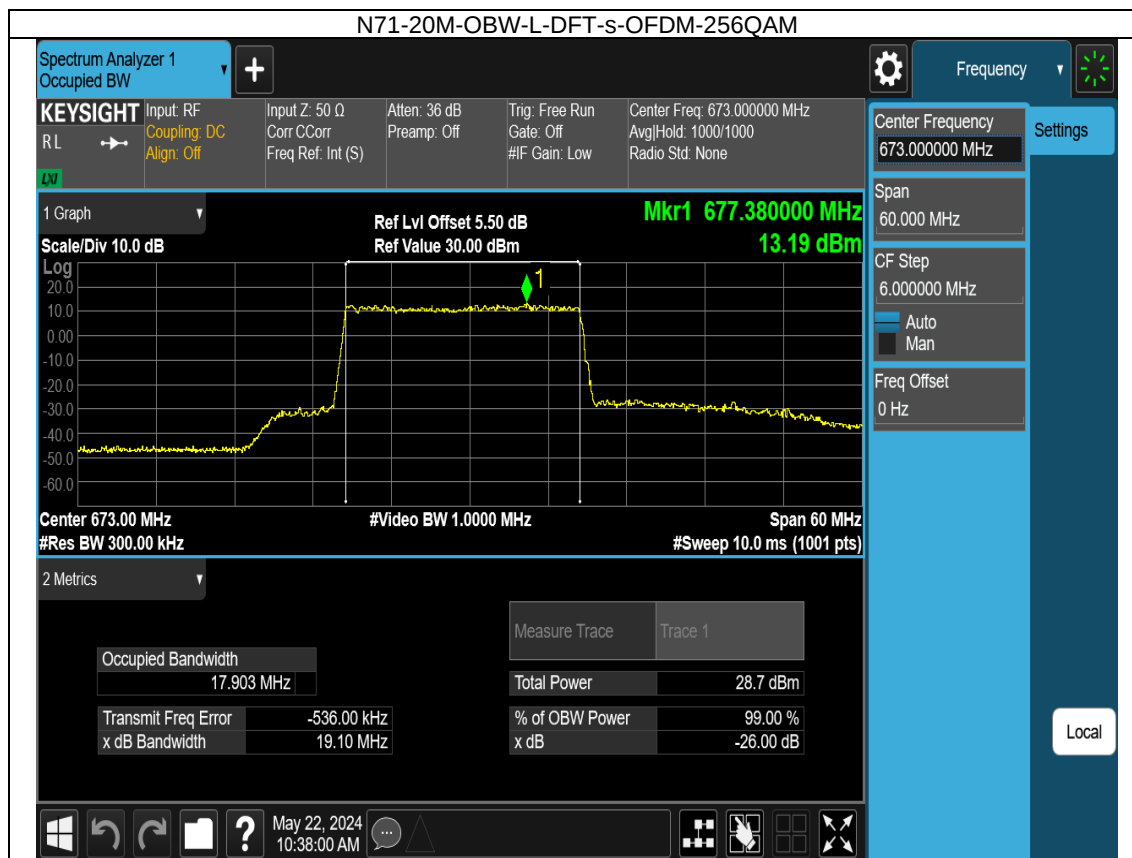


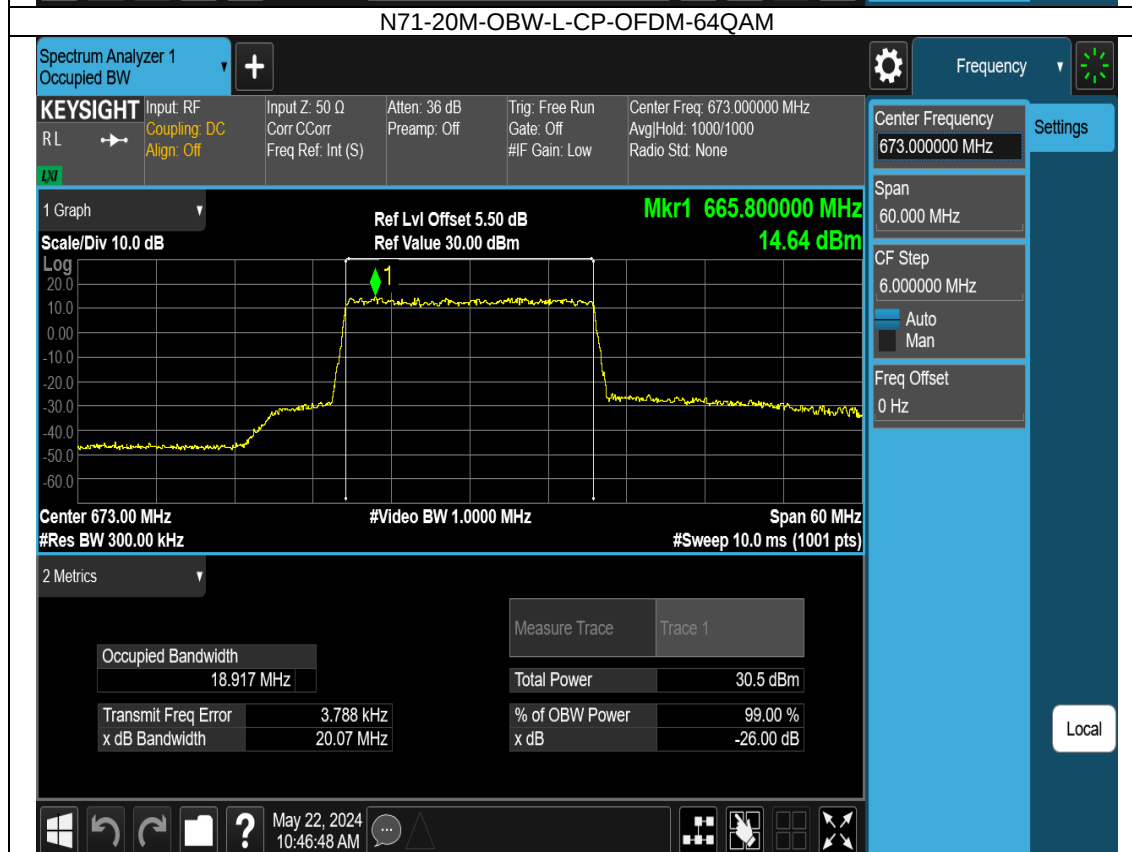
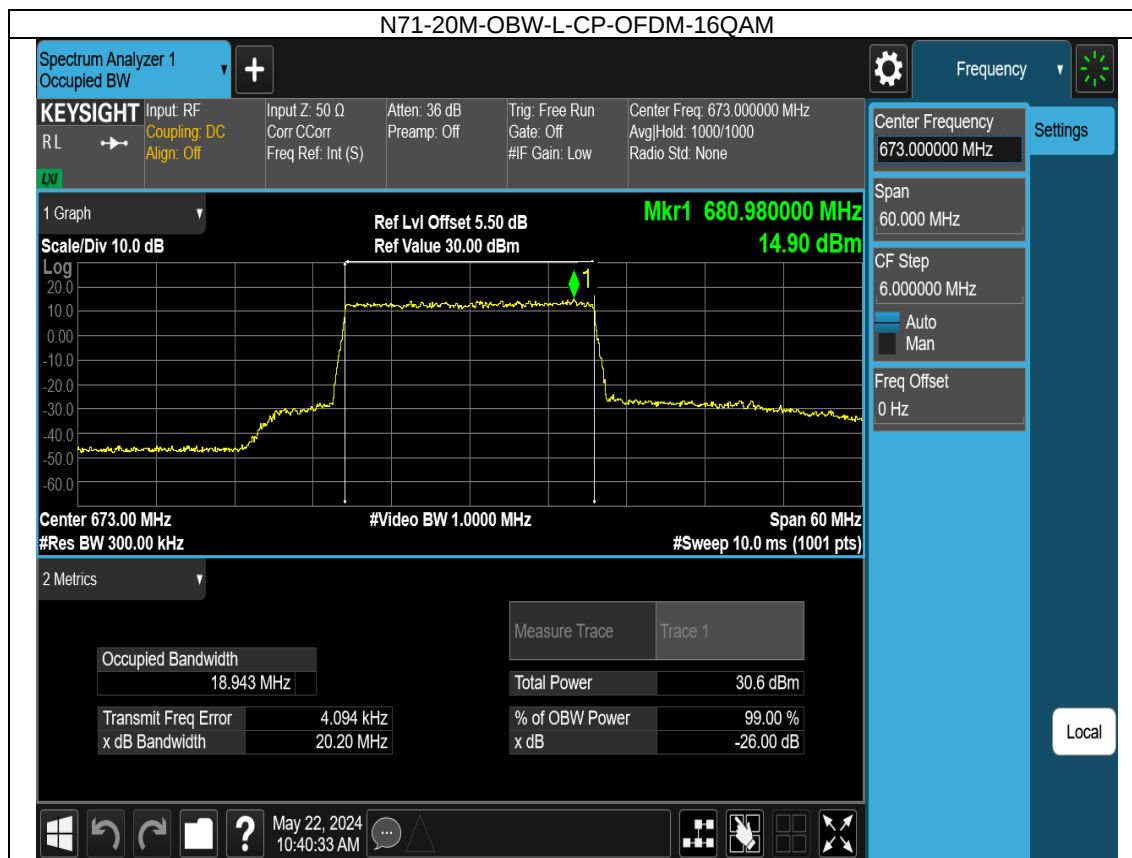




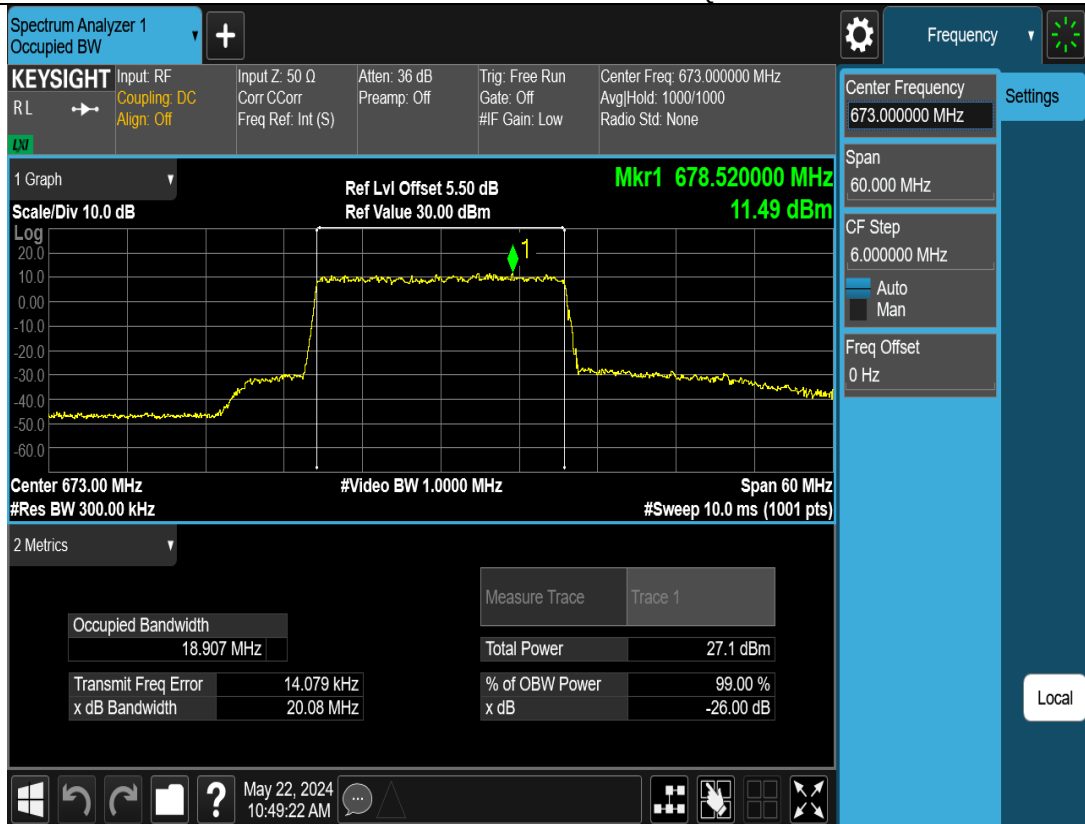




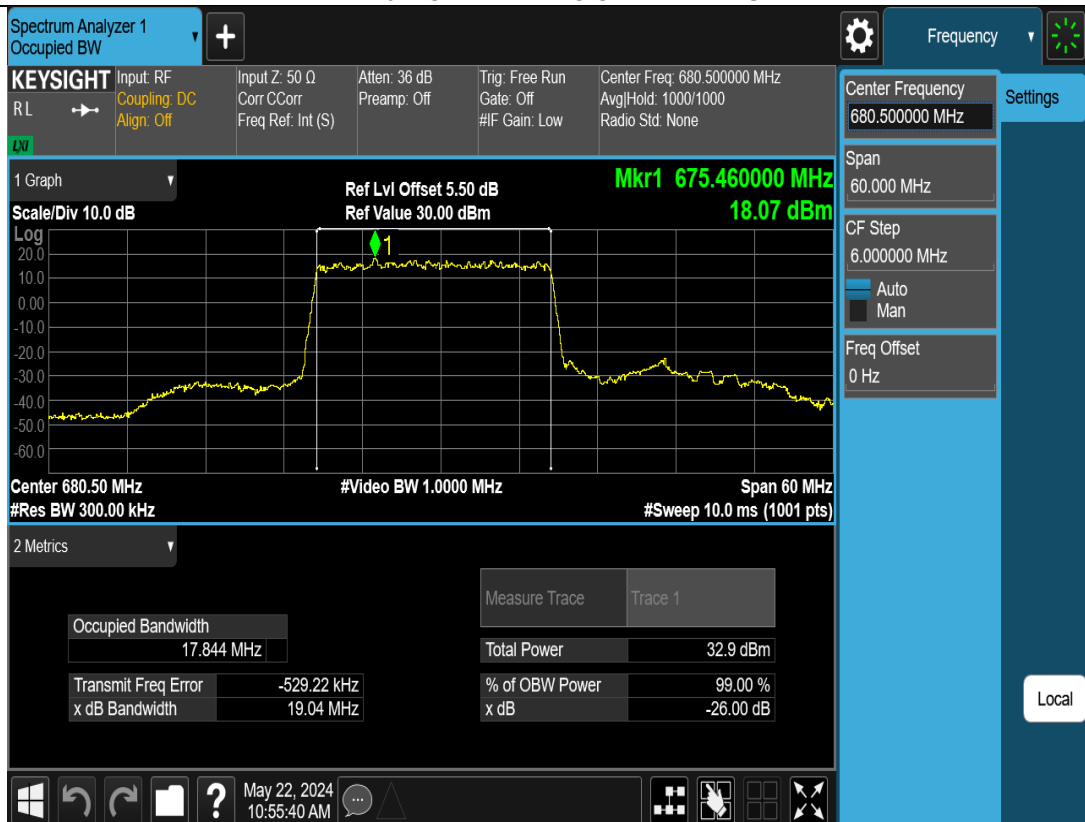




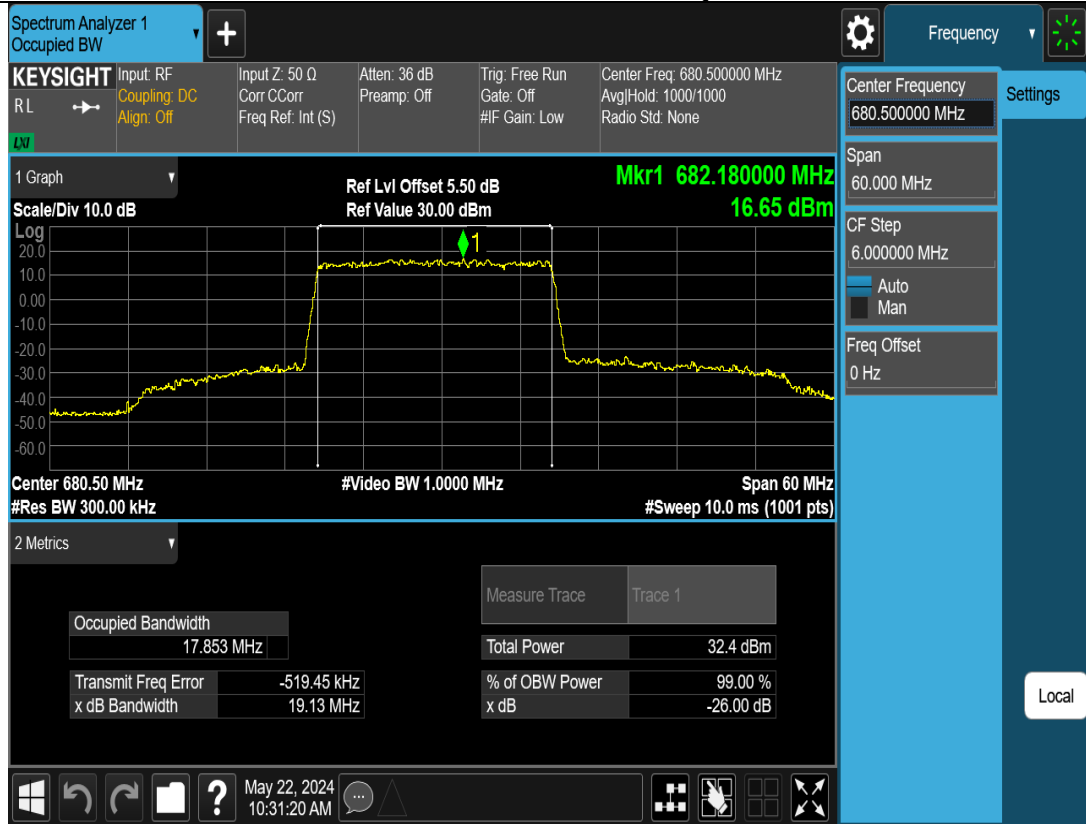
N71-20M-OBW-L-CP-OFDM-256QAM



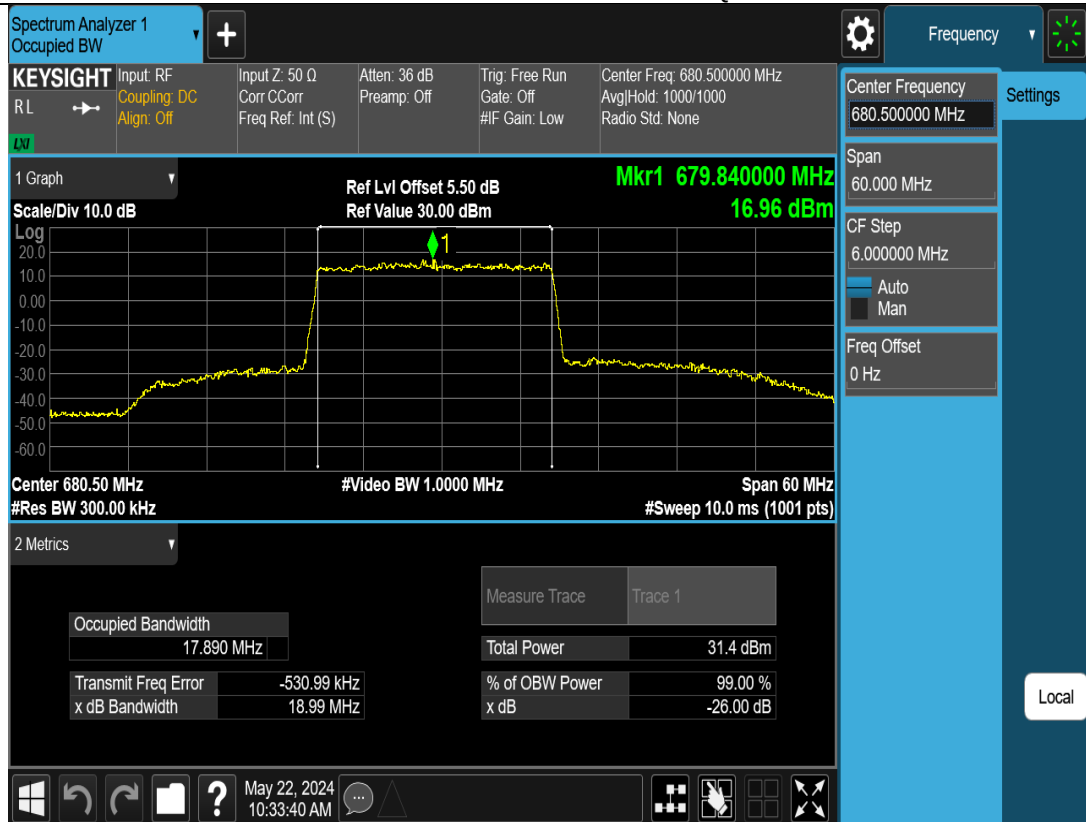
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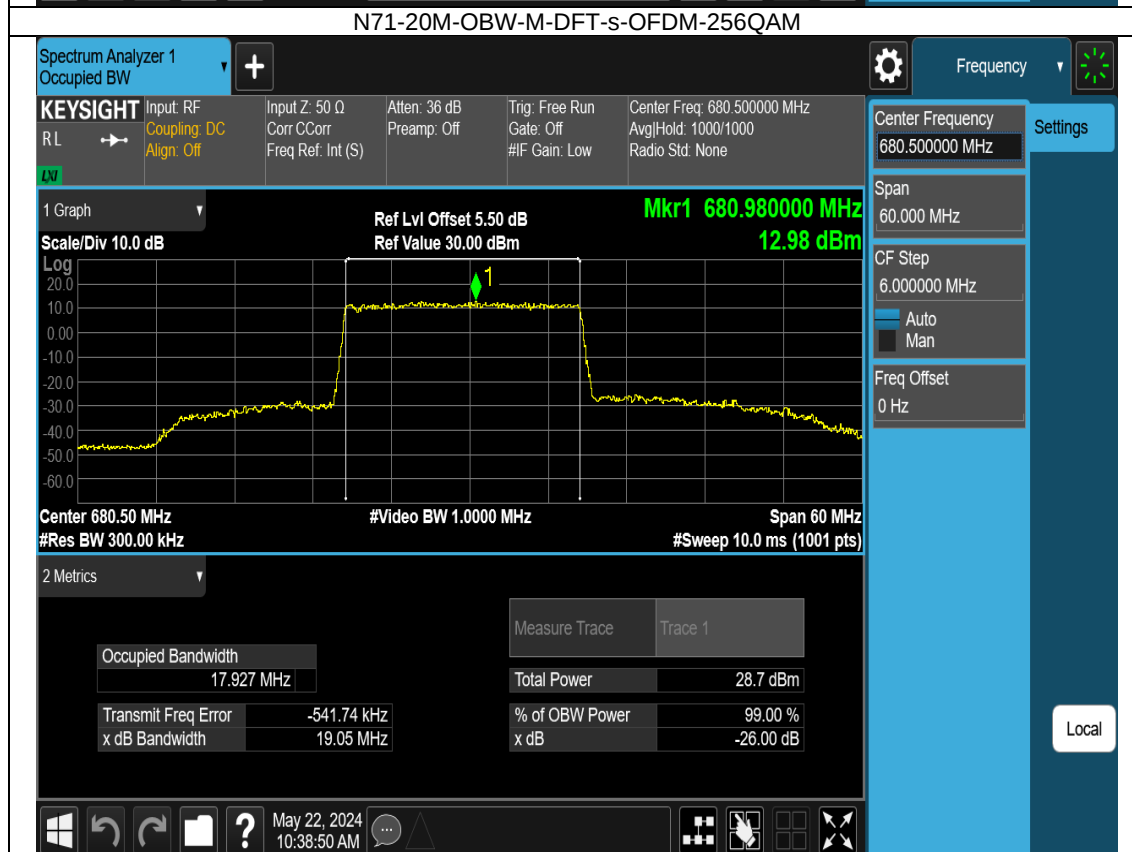
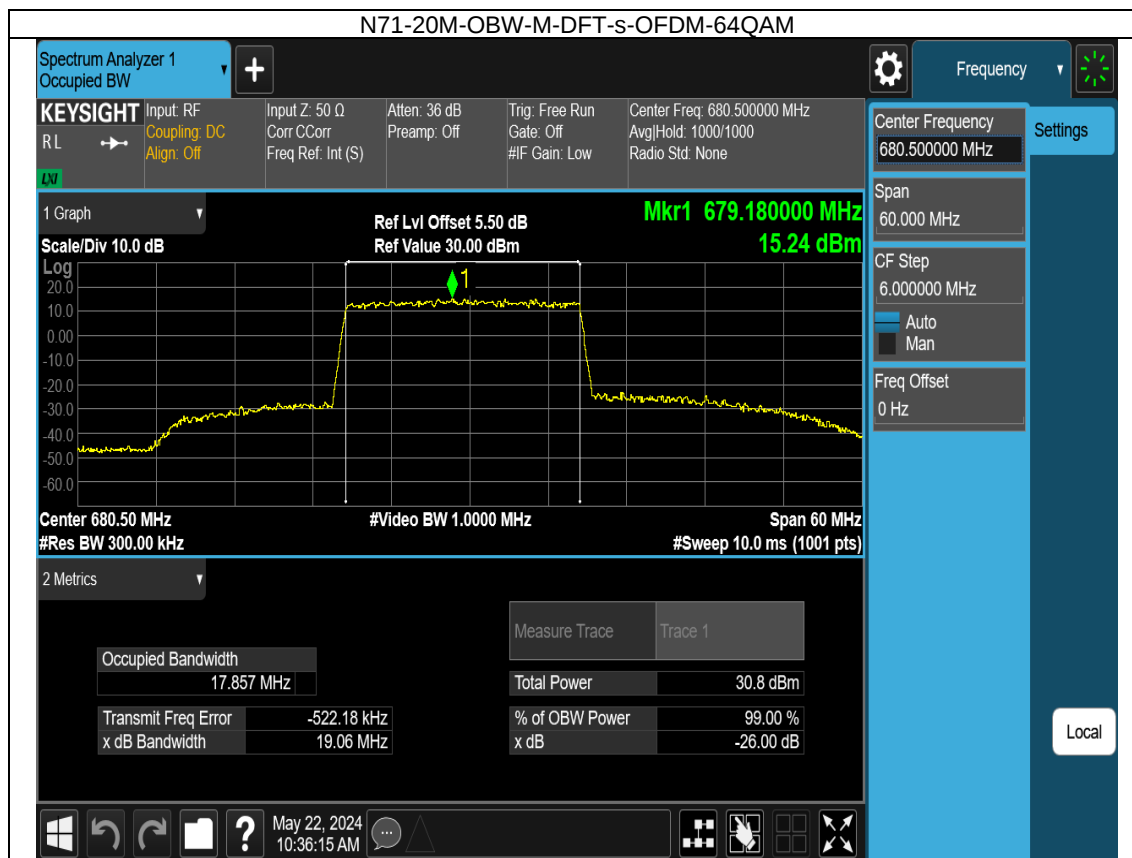


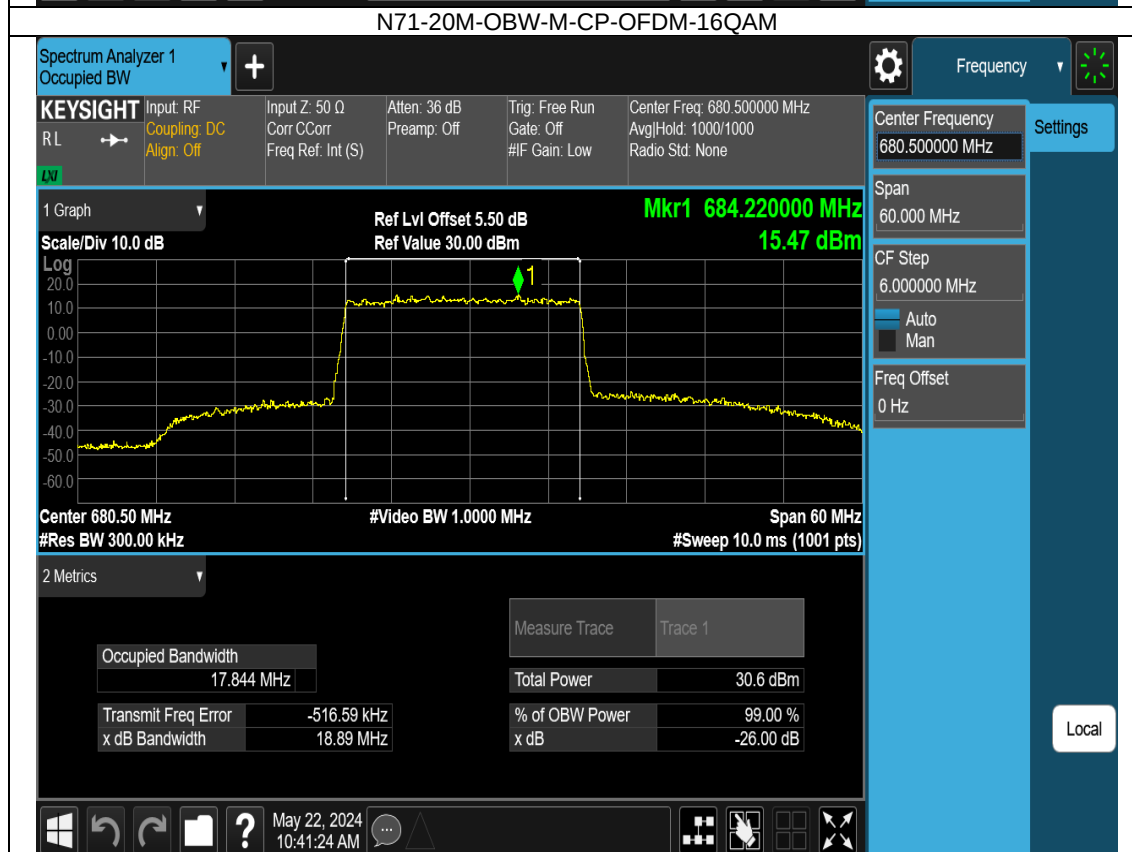
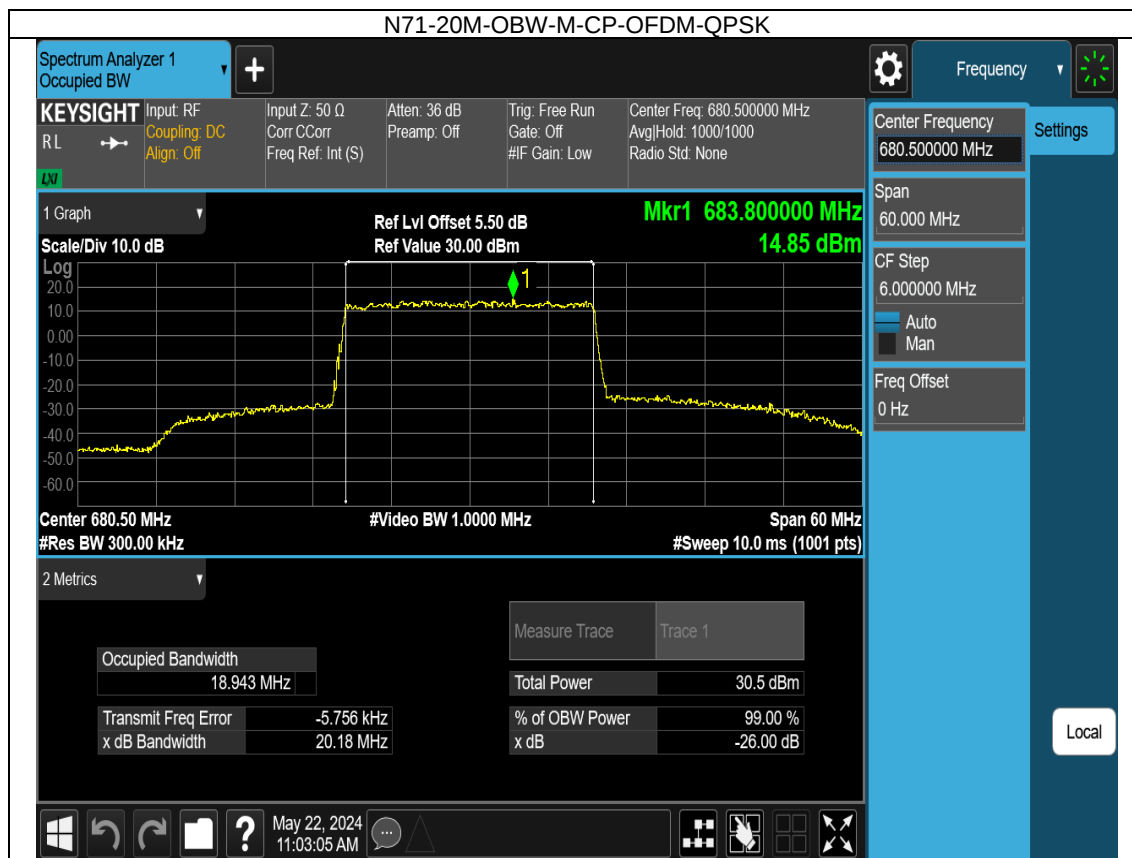
N71-20M-OBW-M-DFT-s-OFDM-QPSK

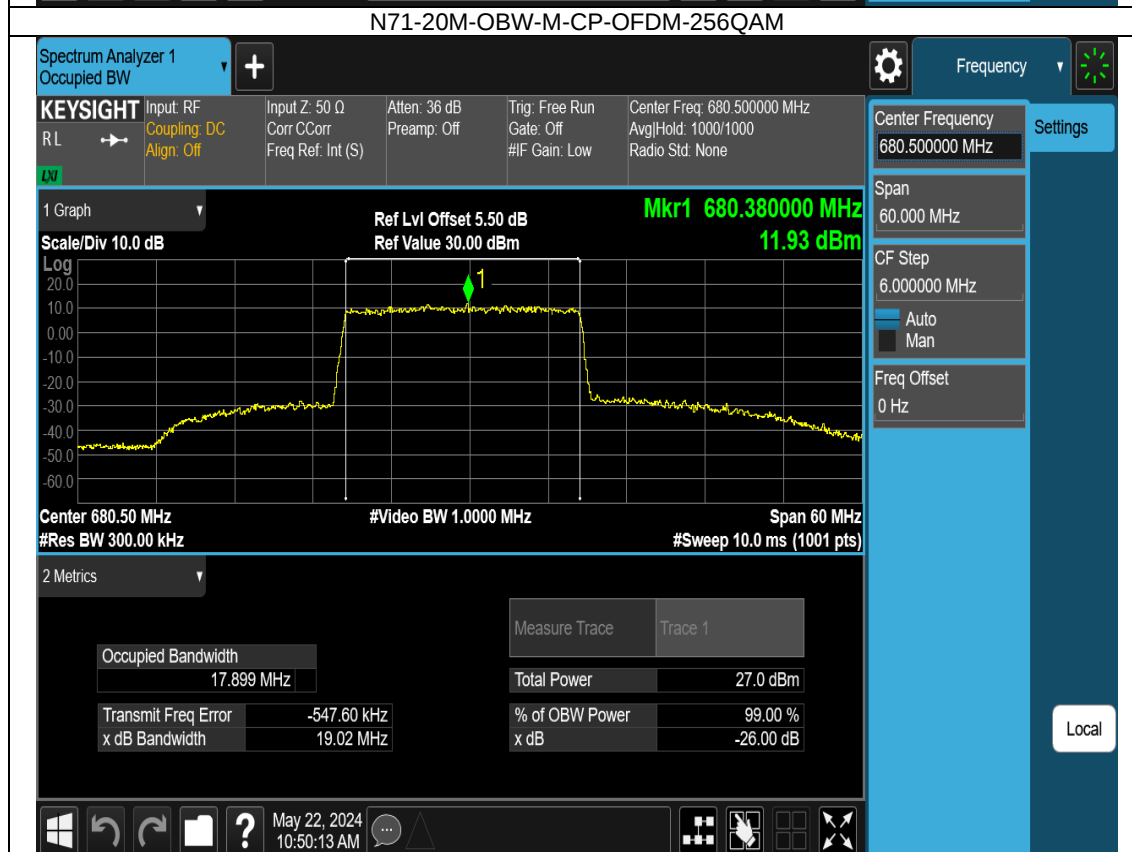
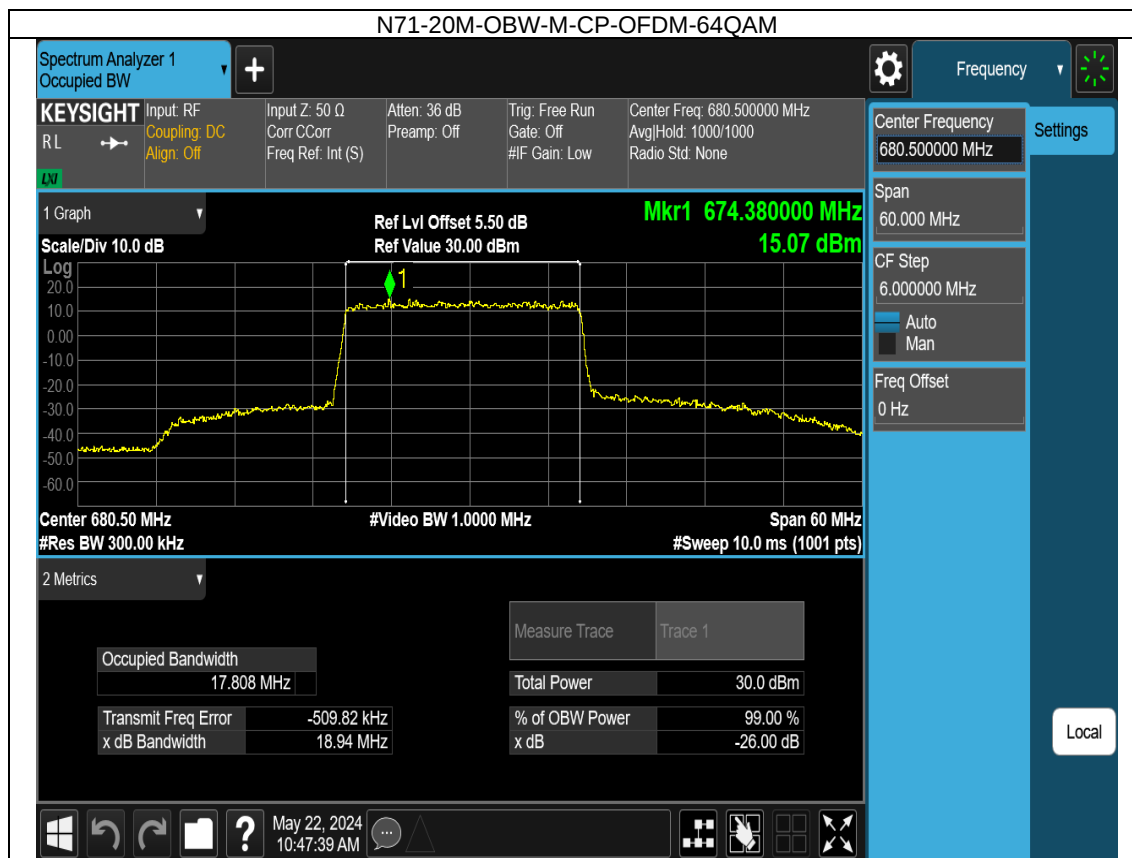


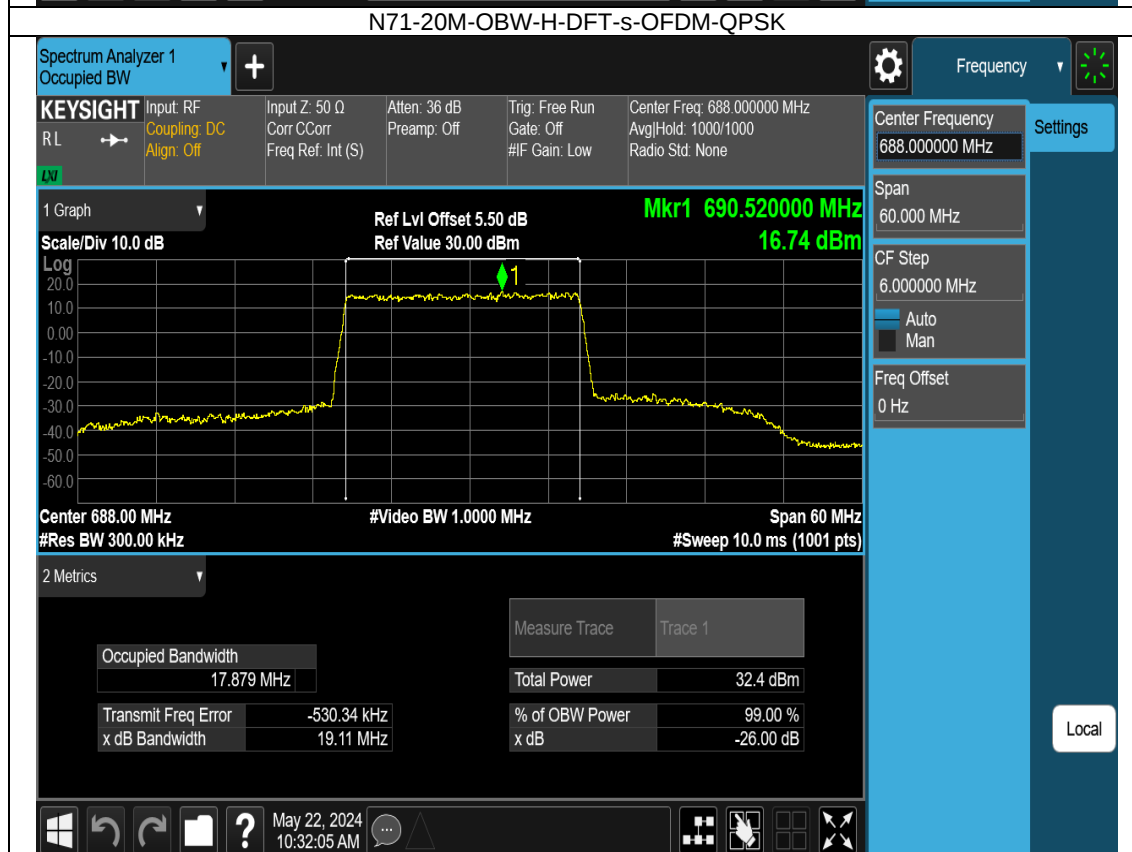
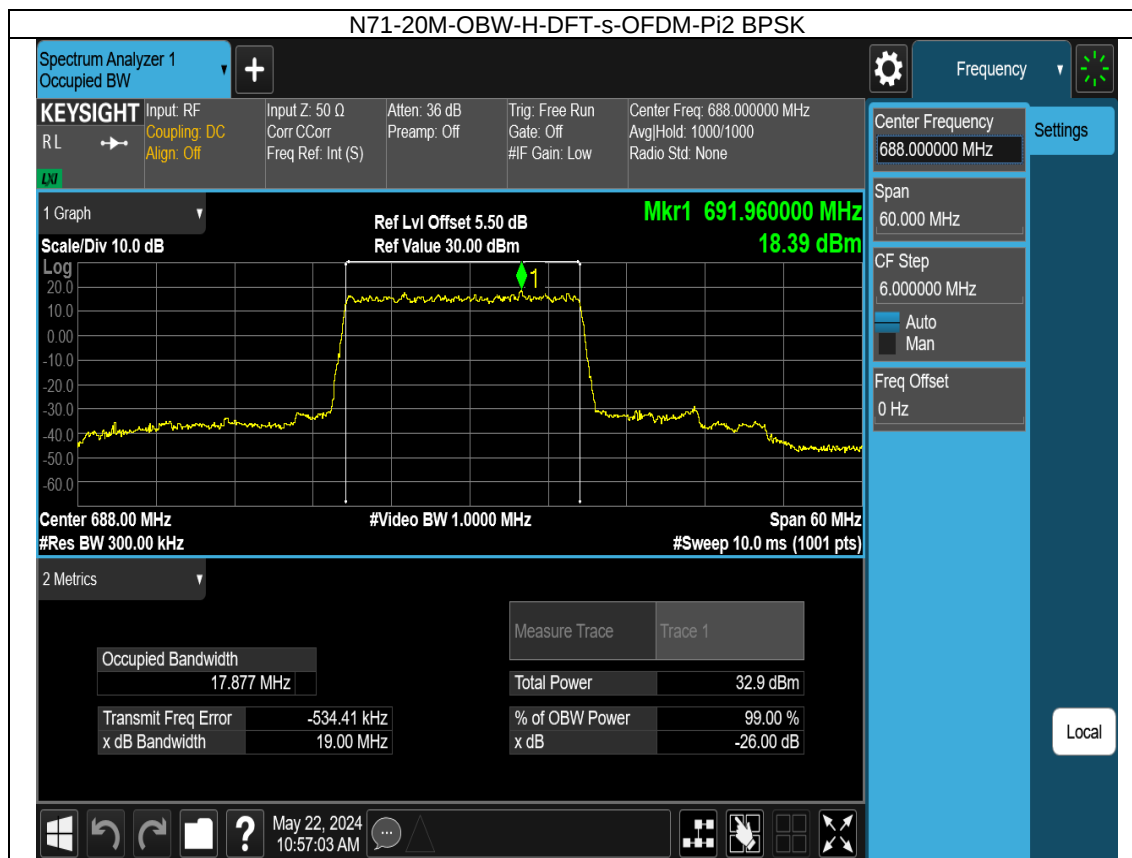
N71-20M-OBW-M-DFT-s-OFDM-16QAM

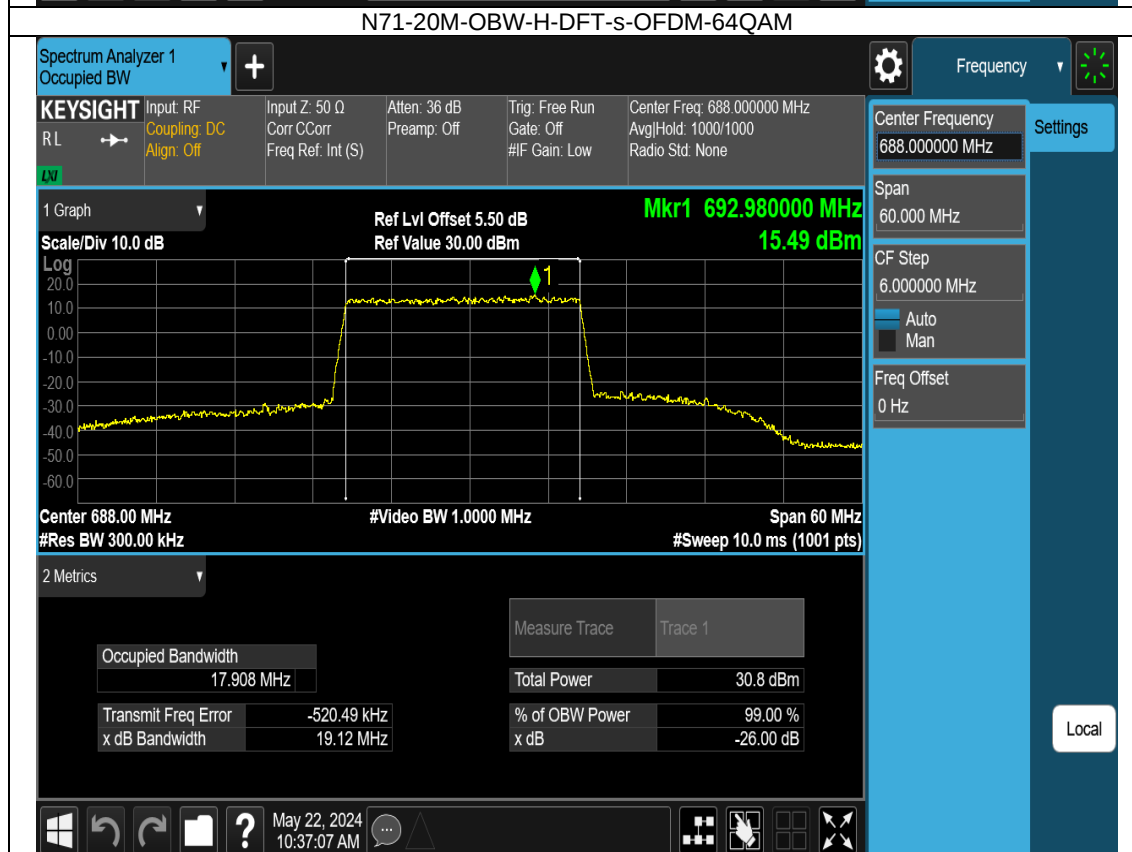
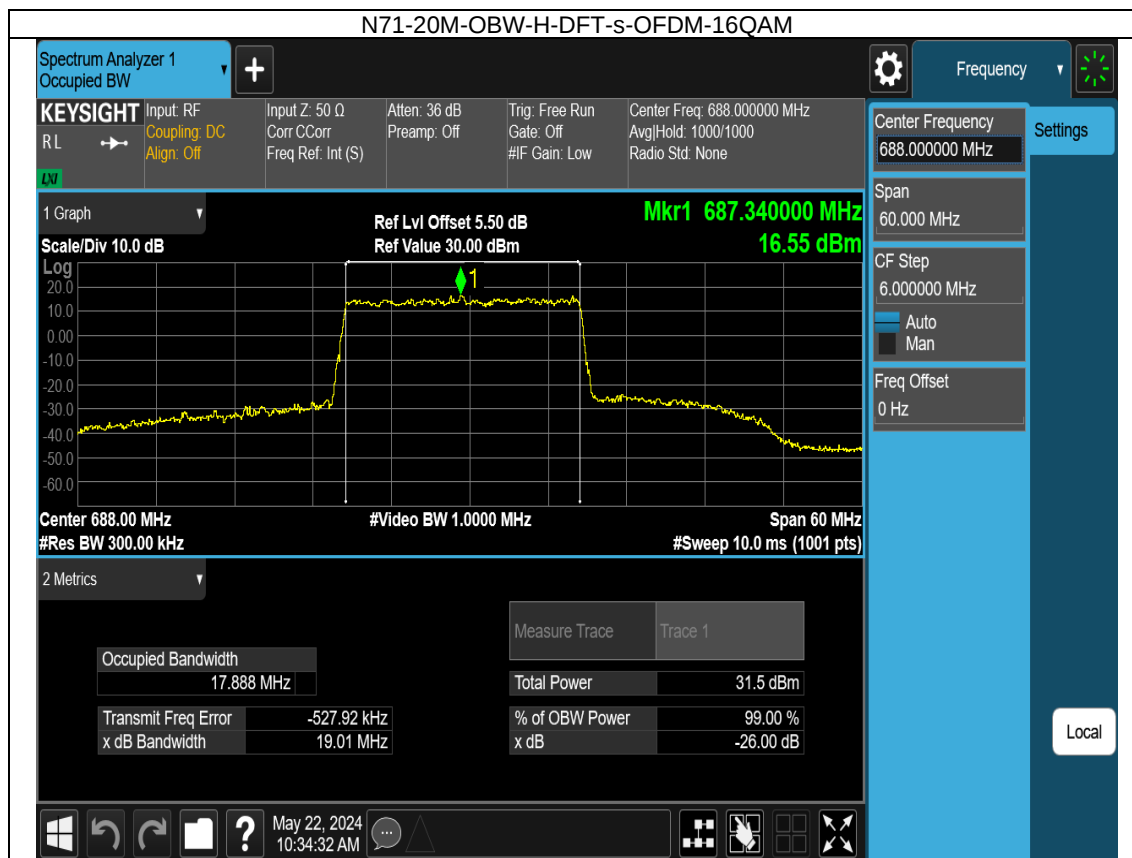


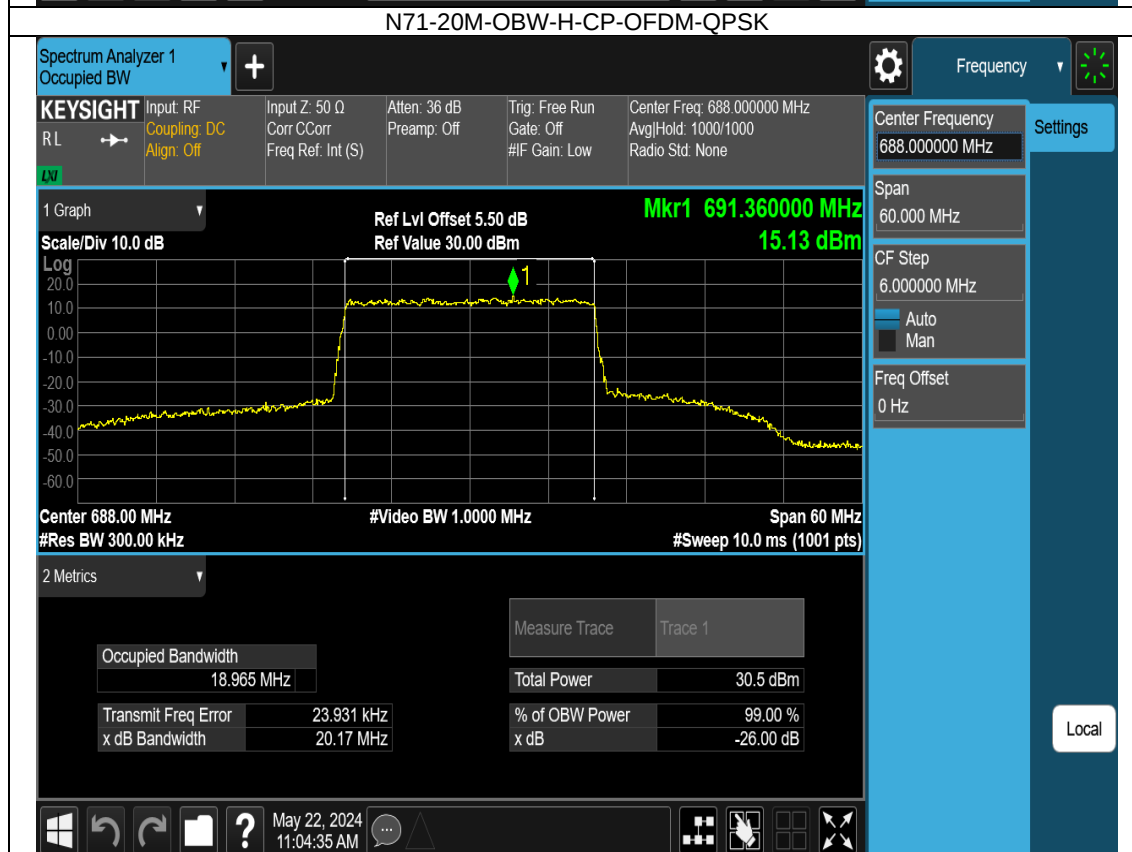
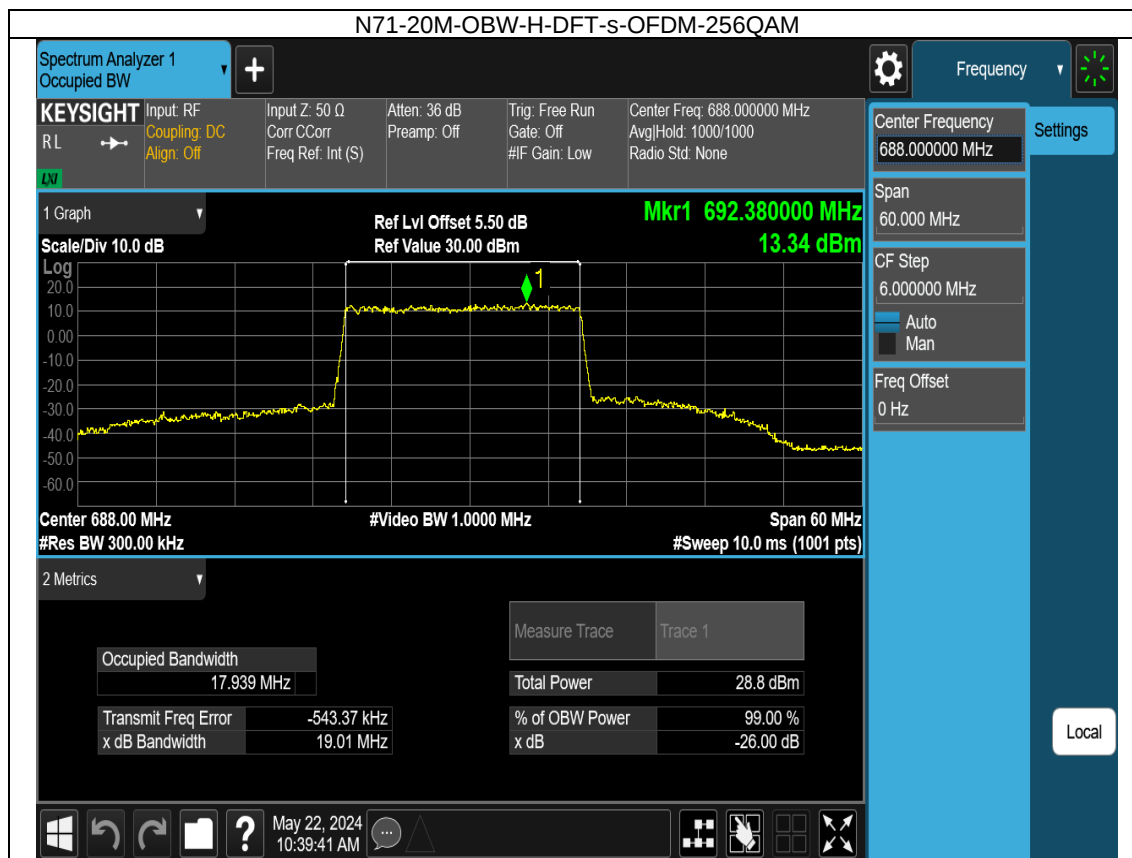


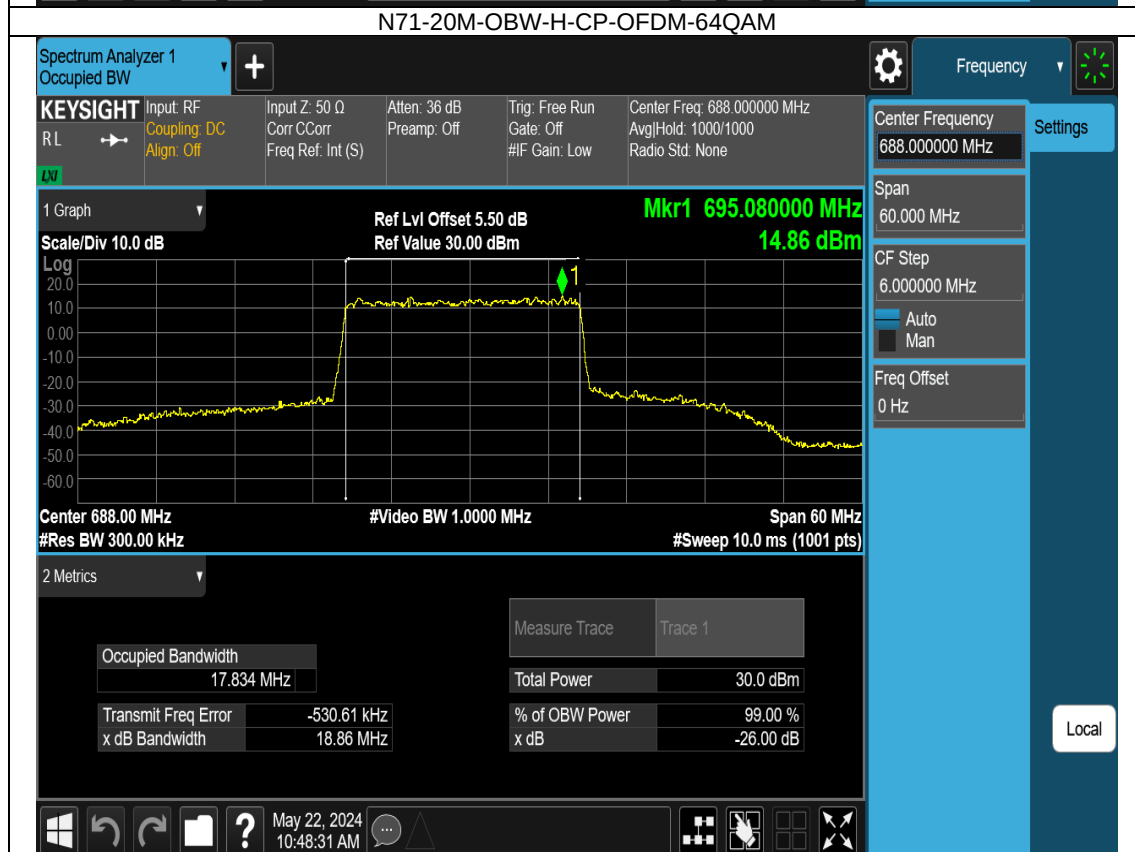
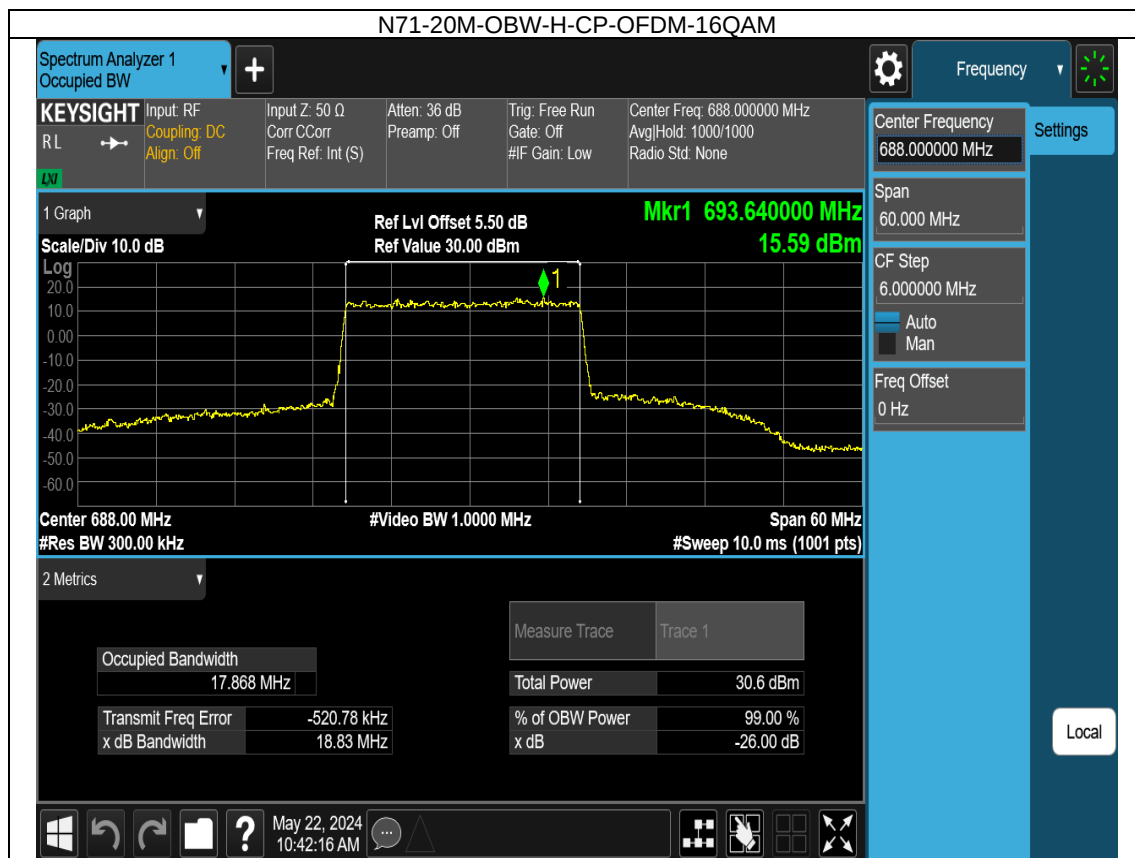




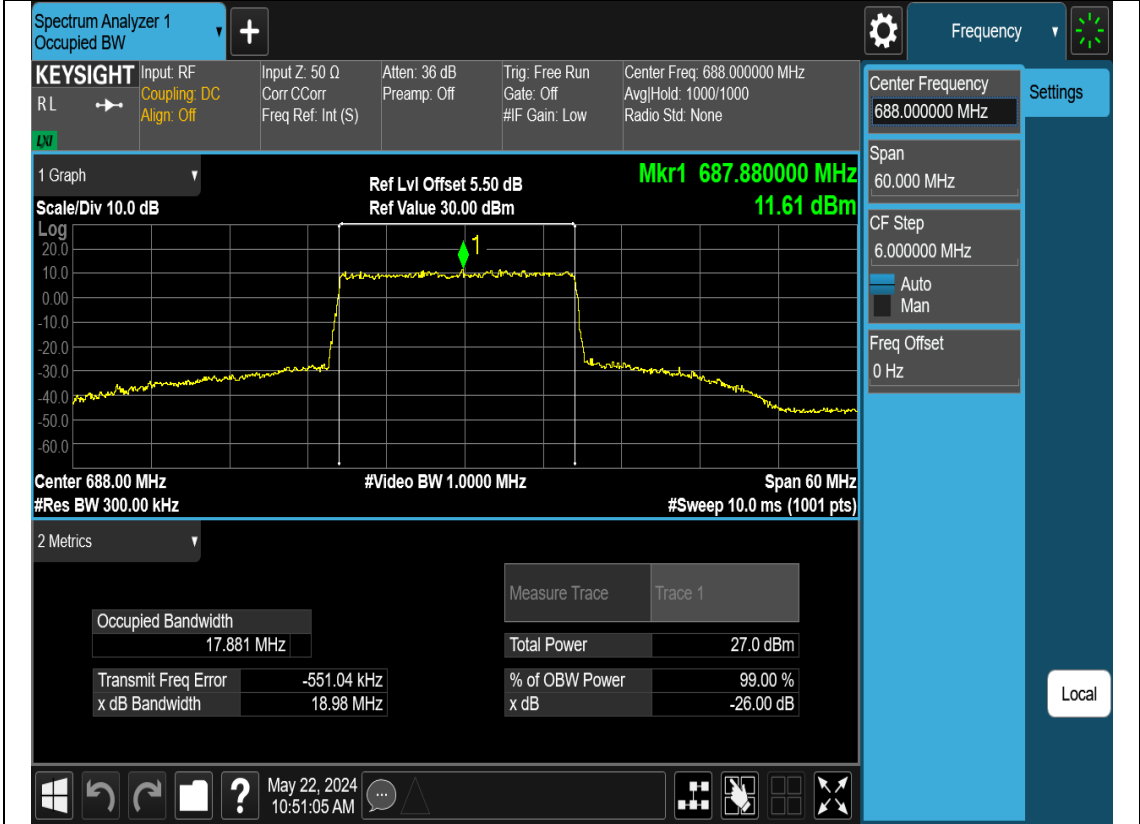








N71-20M-OBW-H-CP-OFDM-256QAM



Peak-Average Ratio

Test Result

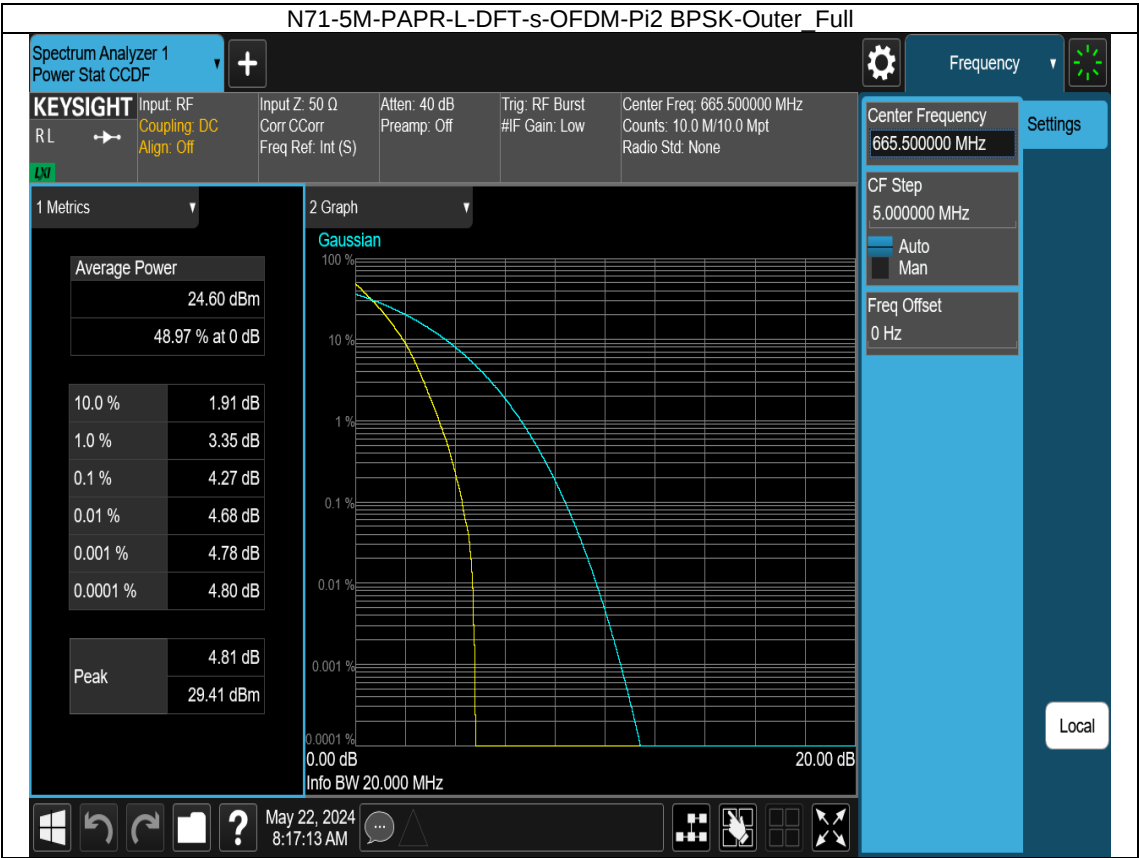
5G NR n71 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.27	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.27	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.18	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.40	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.59	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.29	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.36	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.86	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.30	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	5.55	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.58	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.46	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.55	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.64	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.56	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.74	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.02	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.41	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	5.83	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.80	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.58	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.56	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.45	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.81	<=13	Pass
CP-OFDM 16QAM		Outer_Full	6.97	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.47	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.34	<=13	Pass

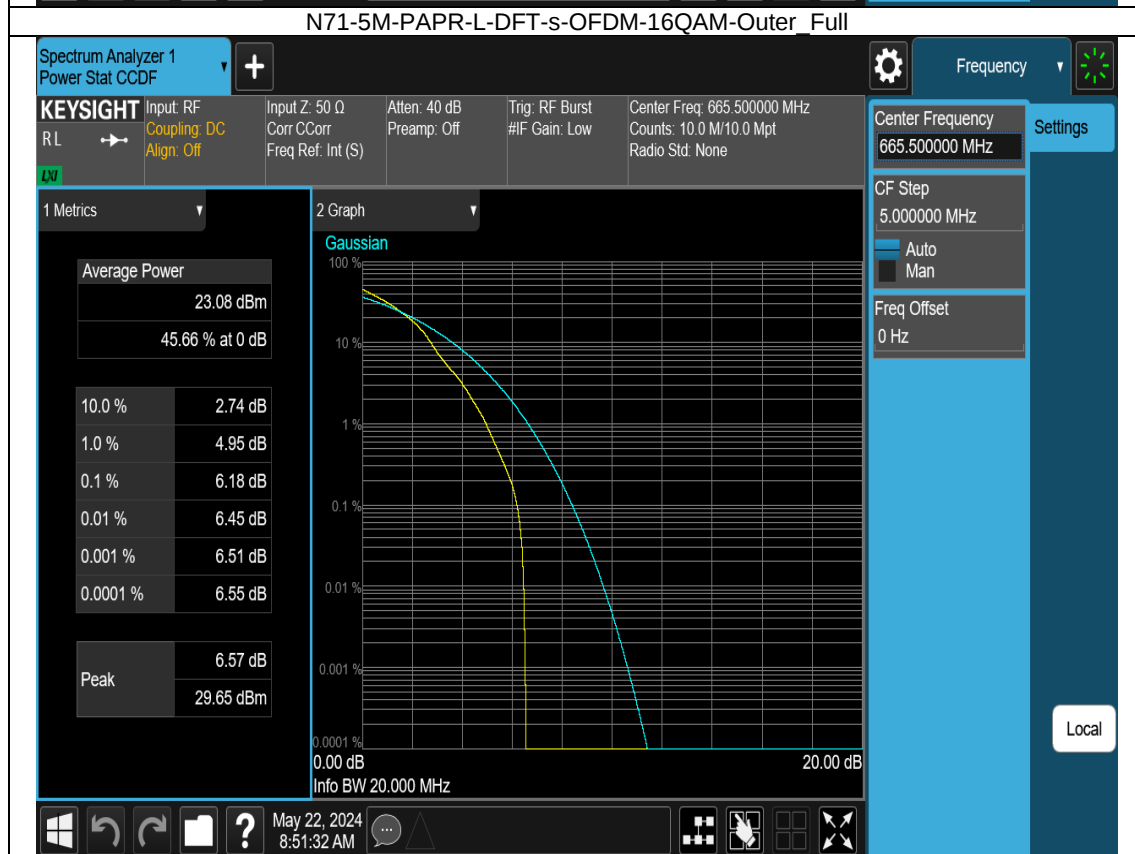
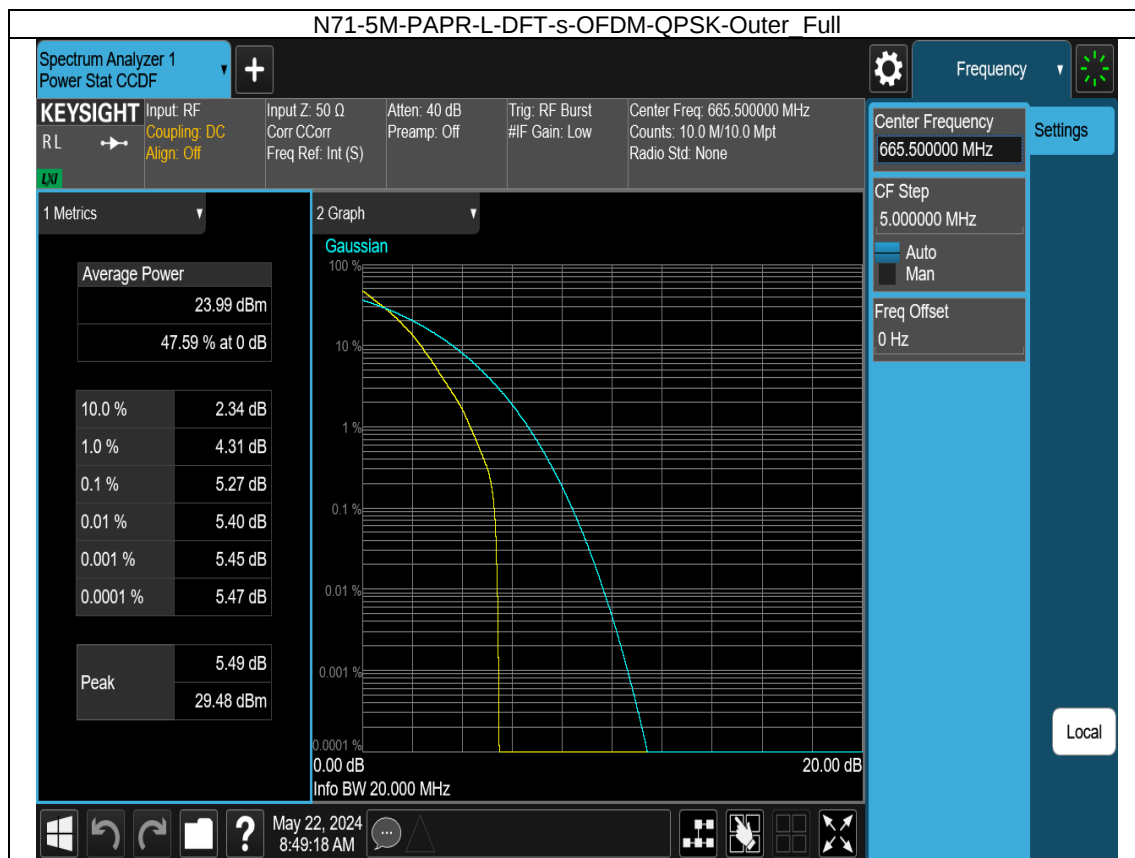
5G NR n71 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.35	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.63	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.49	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.61	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.62	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.09	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.19	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.72	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.60	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.39	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.55	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.38	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.59	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.59	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.61	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.63	<=13	Pass
CP-OFDM 64QAM		Outer_Full	8.05	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.44	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.00	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.64	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.46	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.59	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.41	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.68	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.98	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.20	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.47	<=13	Pass

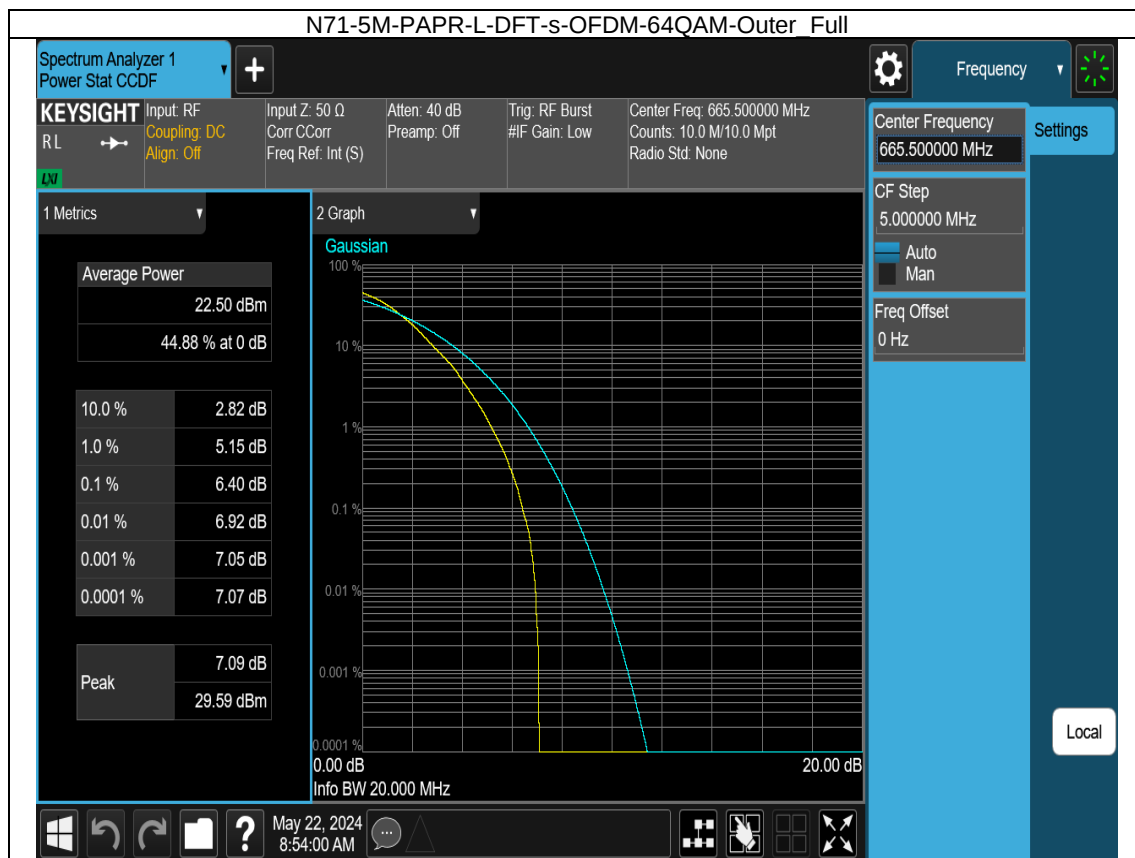
5G NR n71 SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.57	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.70	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.40	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.60	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.64	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.30	<=13	Pass
CP-OFDM 16QAM		Outer_Full	6.68	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.78	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.44	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.35	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.62	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.17	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.47	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.62	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.38	<=13	Pass
CP-OFDM 16QAM		Outer_Full	6.63	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.99	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.46	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.40	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.50	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.34	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.61	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.66	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.68	<=13	Pass
CP-OFDM 16QAM		Outer_Full	6.64	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.01	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.48	<=13	Pass

5G NR n71 SCS=15kHz 20MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.49	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.68	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.51	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.69	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.70	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.17	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.32	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.64	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.25	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.19	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.57	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.44	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.63	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.60	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.18	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.27	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.88	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.36	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.03	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.52	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.37	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.59	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.75	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.51	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.57	<=13	Pass
CP-OFDM 64QAM		Outer_Full	8.11	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.21	<=13	Pass

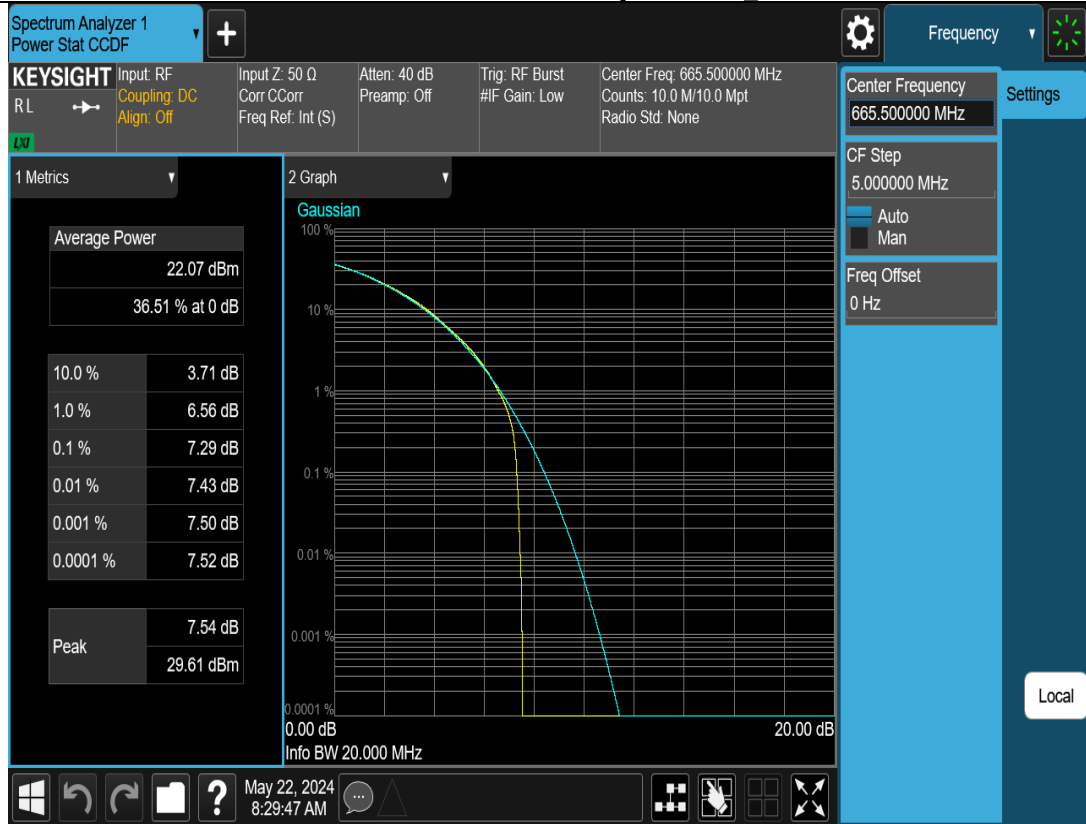
Test Graph







N71-5M-PAPR-L-CP-OFDM-QPSK-Outer Full



N71-5M-PAPR-L-CP-OFDM-16QAM-Outer Full





