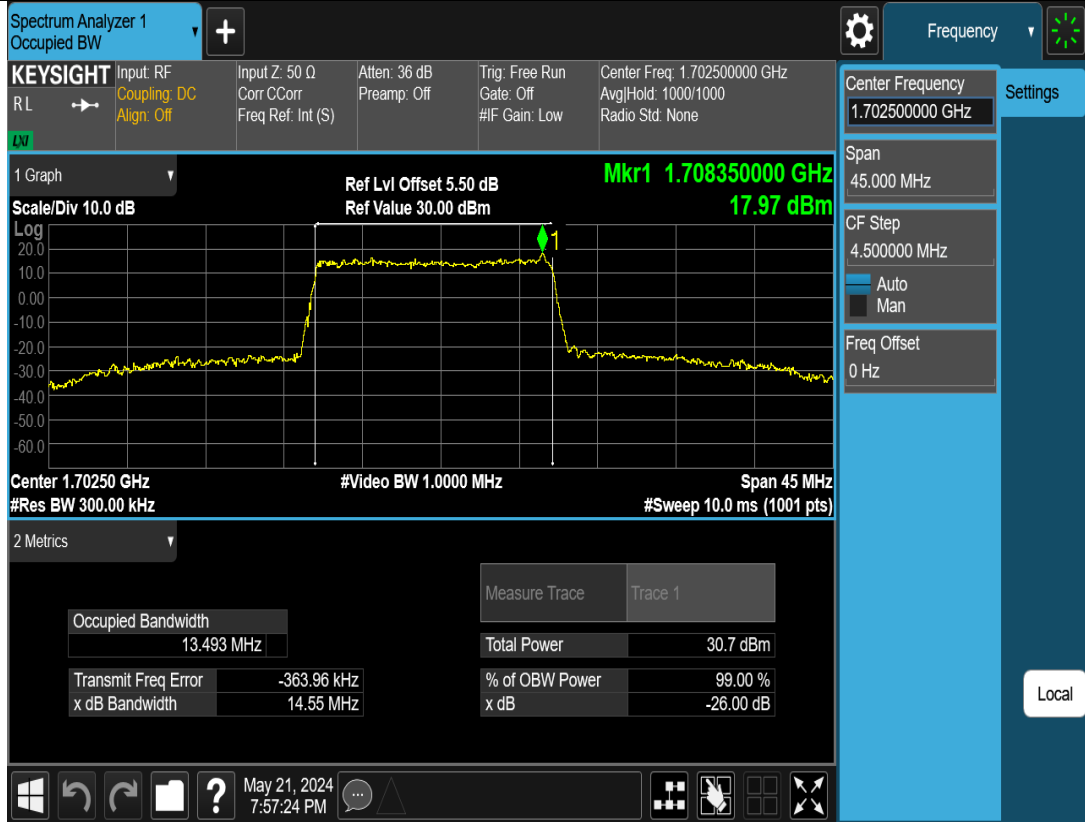
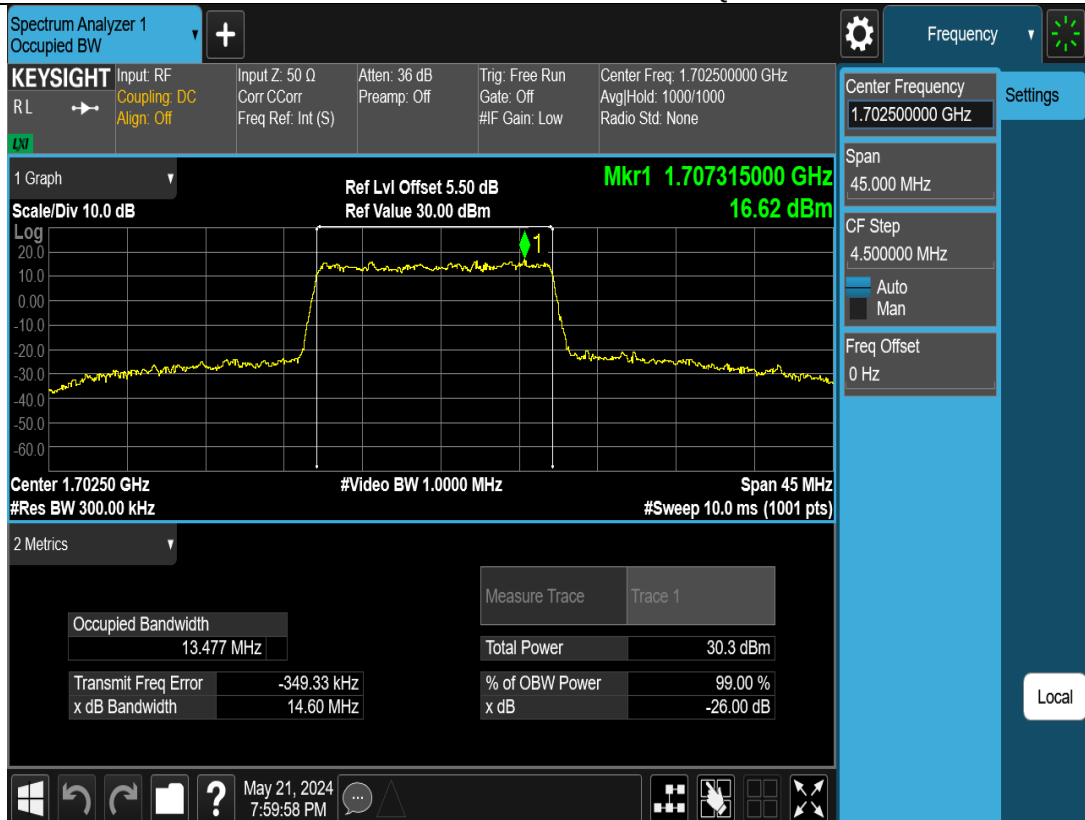
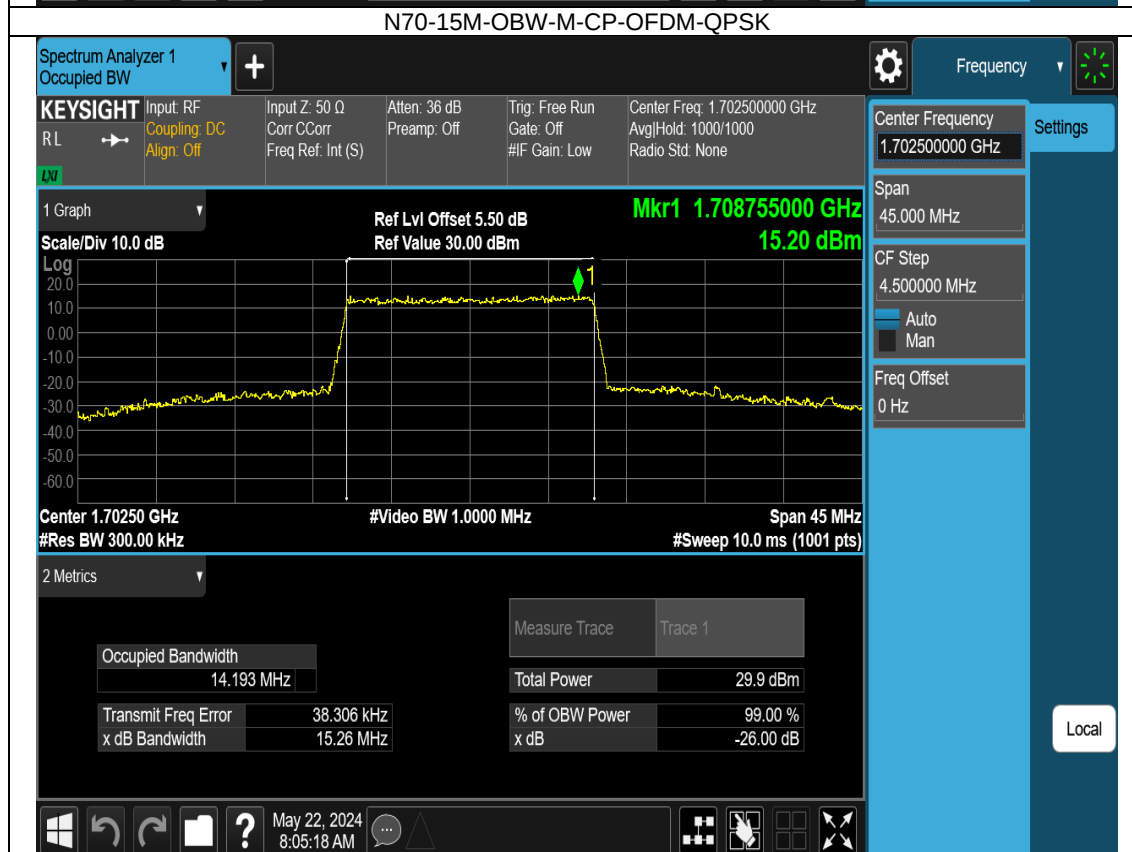
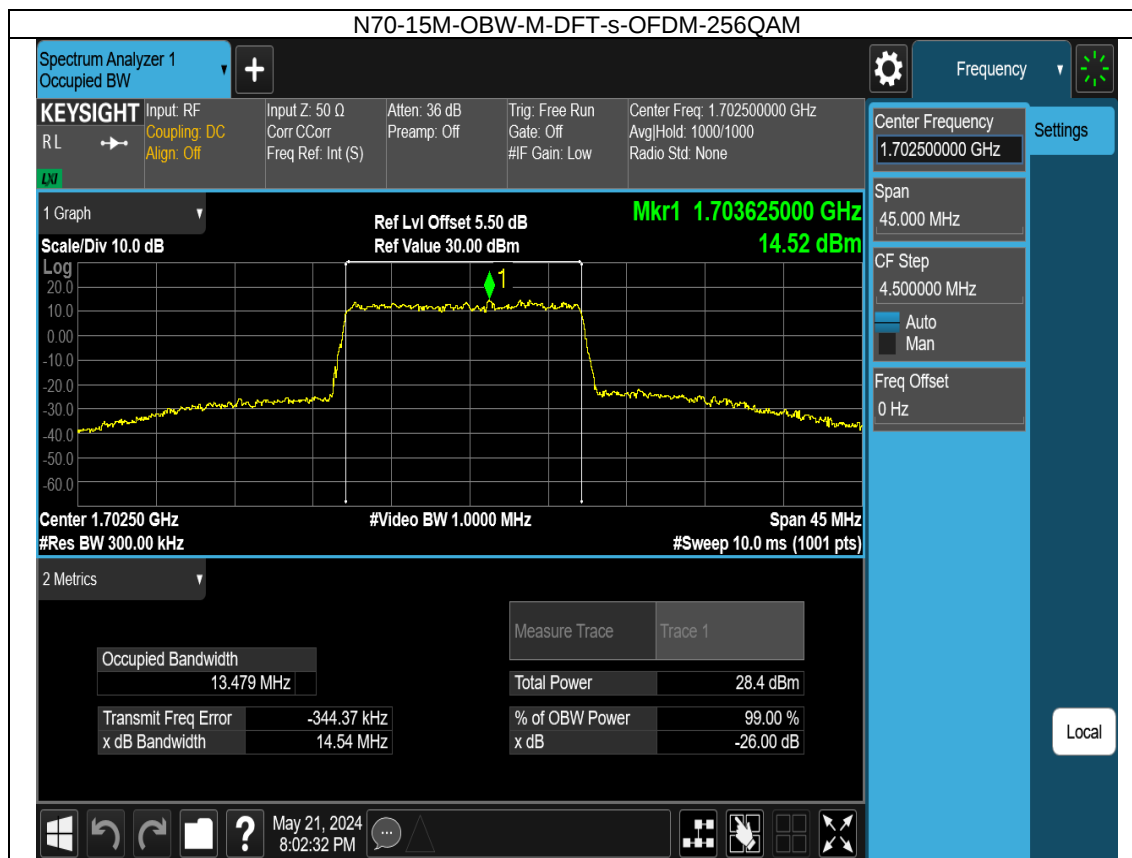


N70-15M-OBW-M-DFT-s-OFDM-16QAM

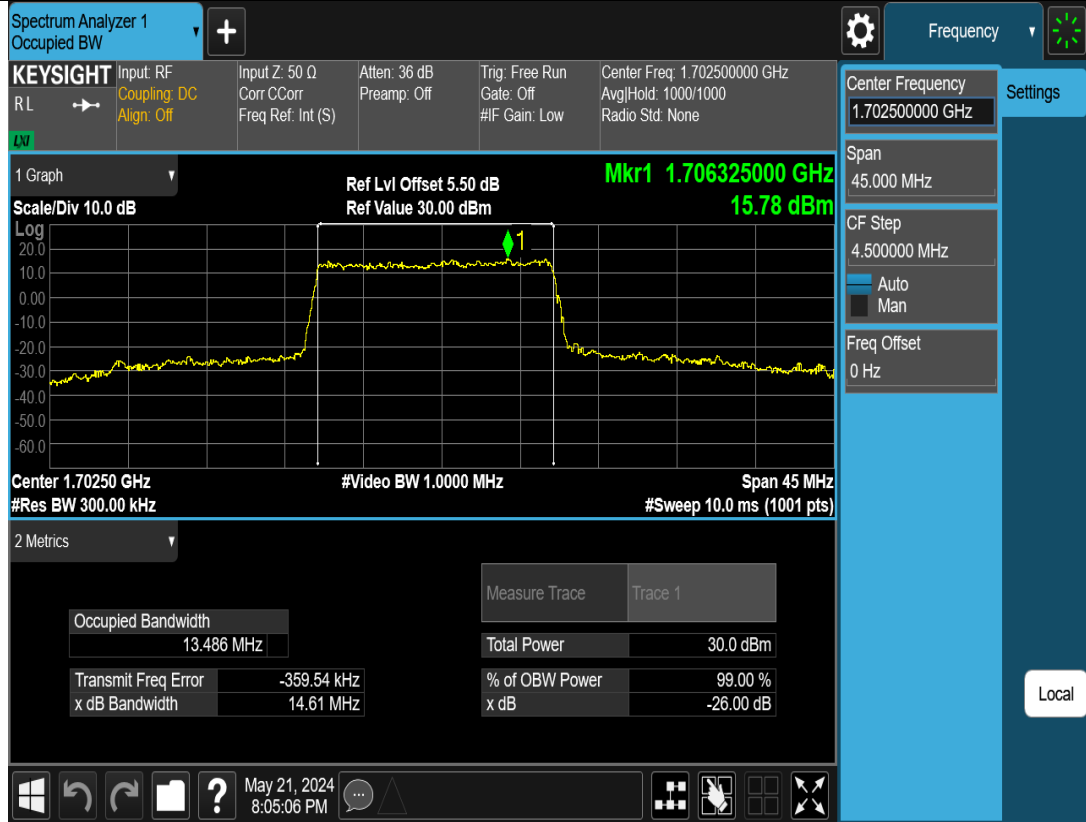


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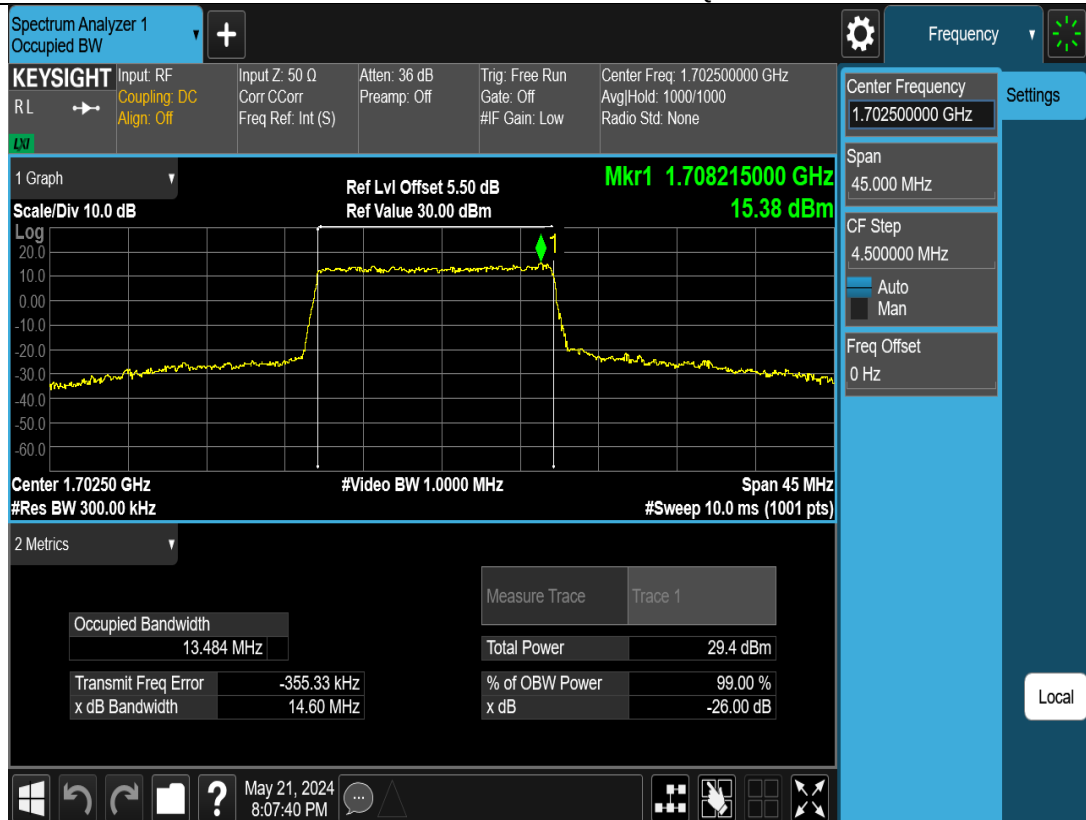




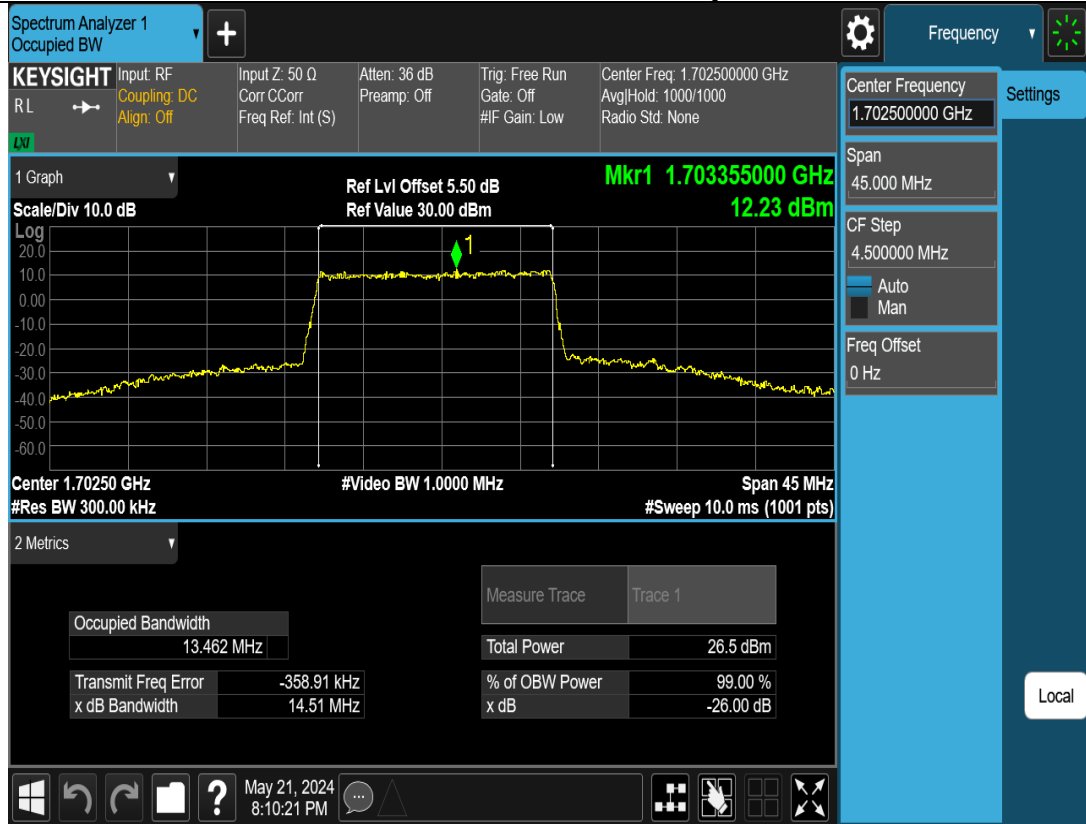
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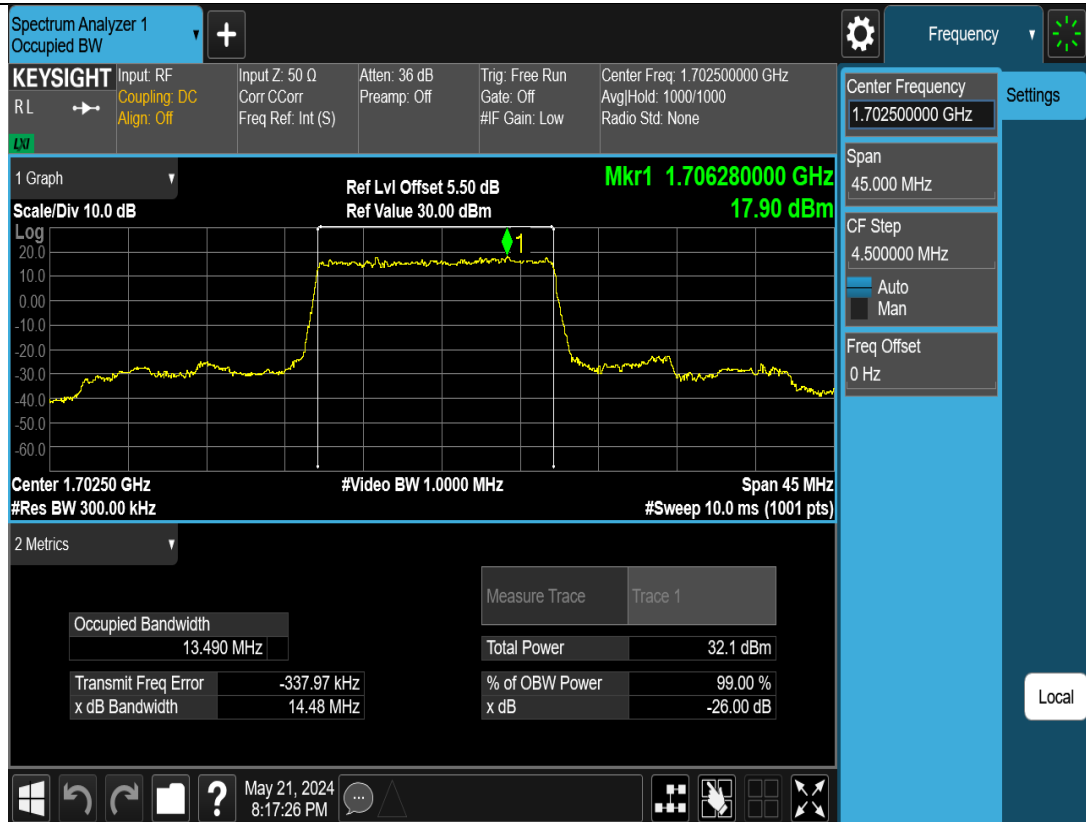
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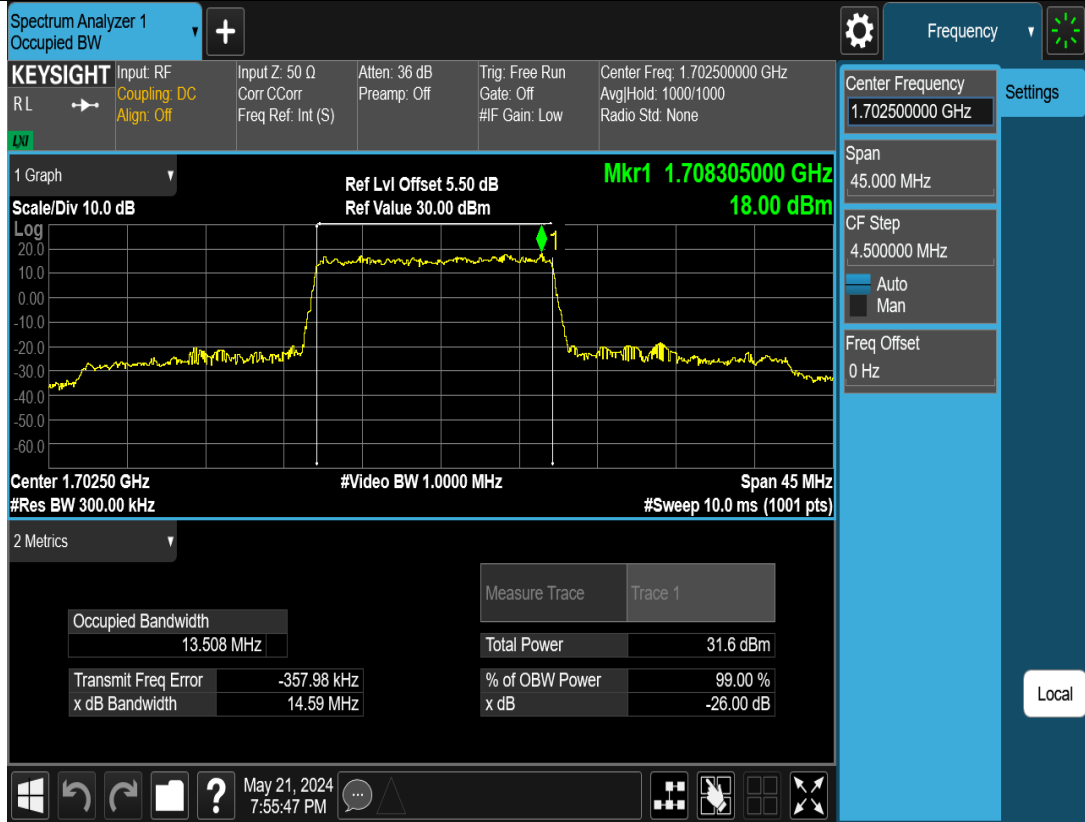
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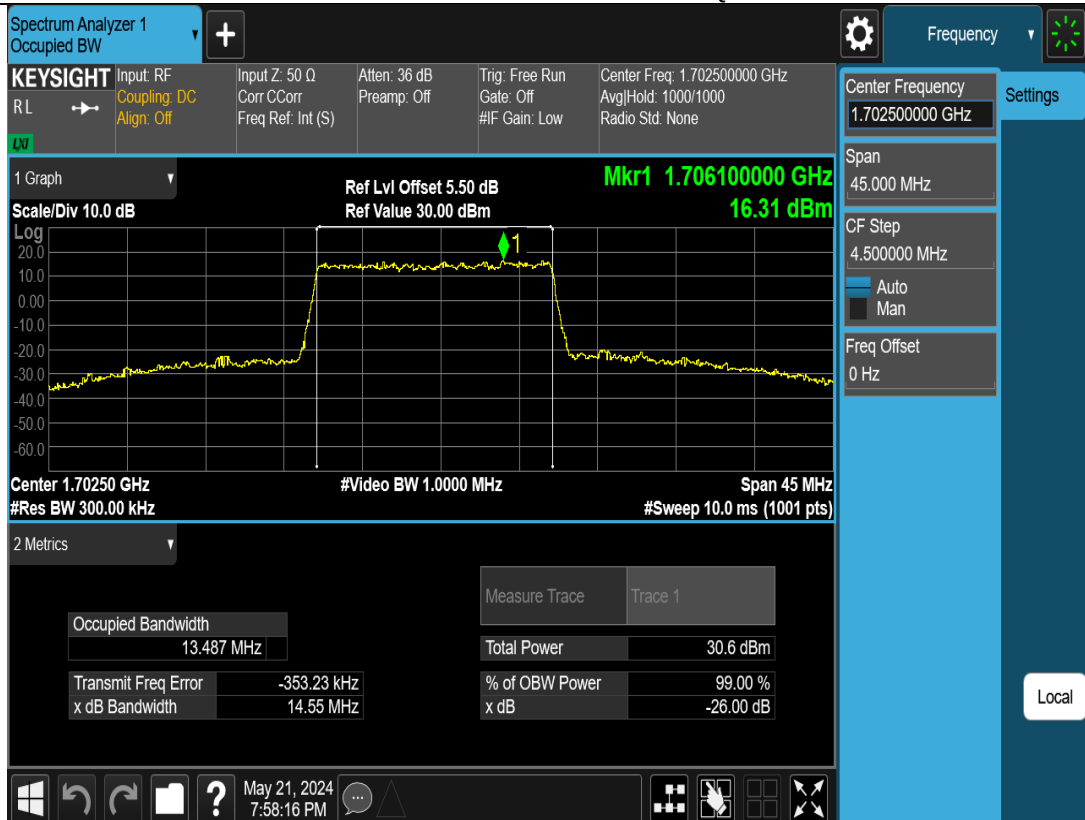
N70-15M-OBW-H-DFT-s-OFDM-Pi2 BPSK

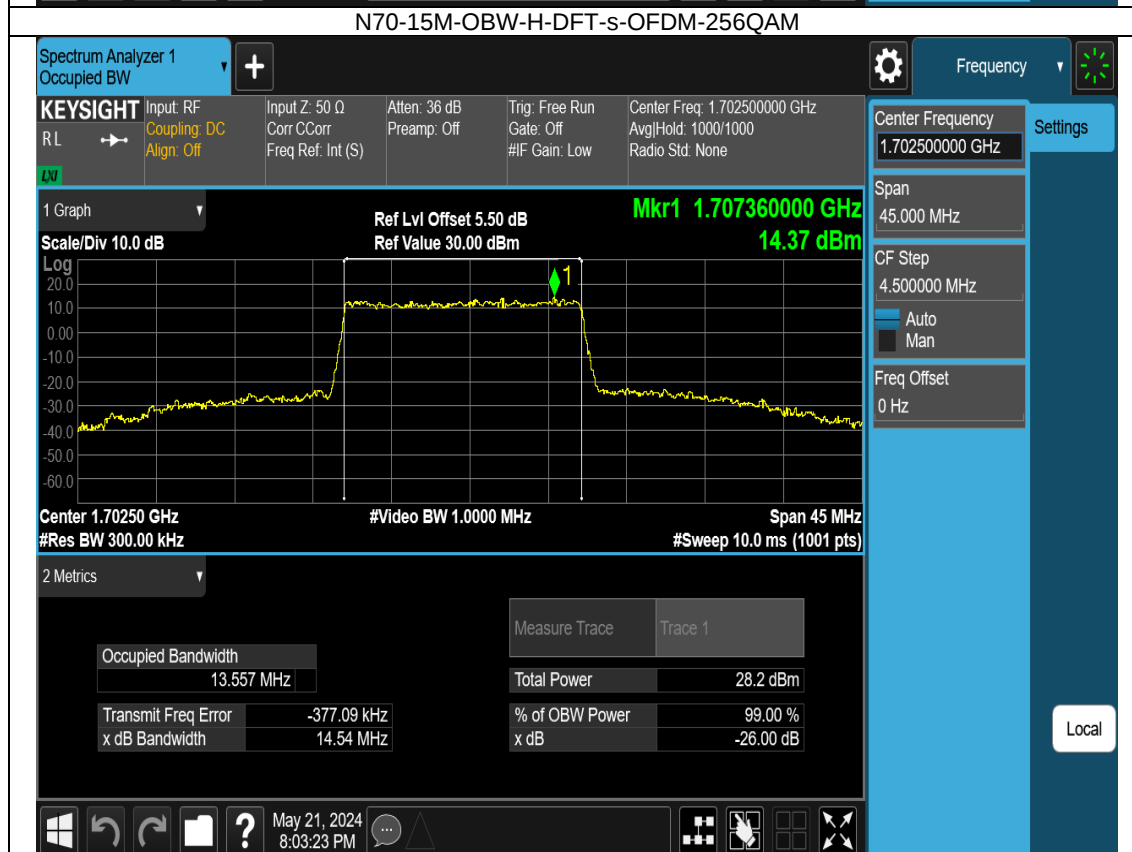
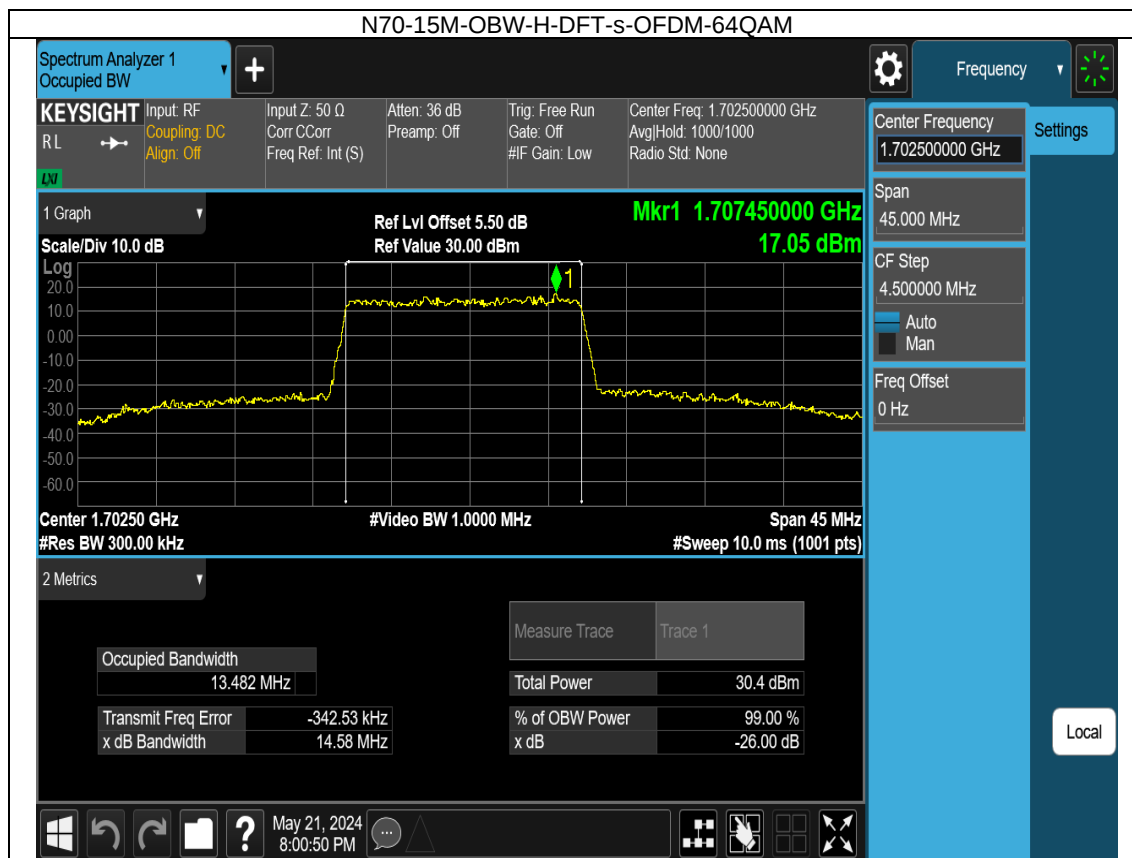


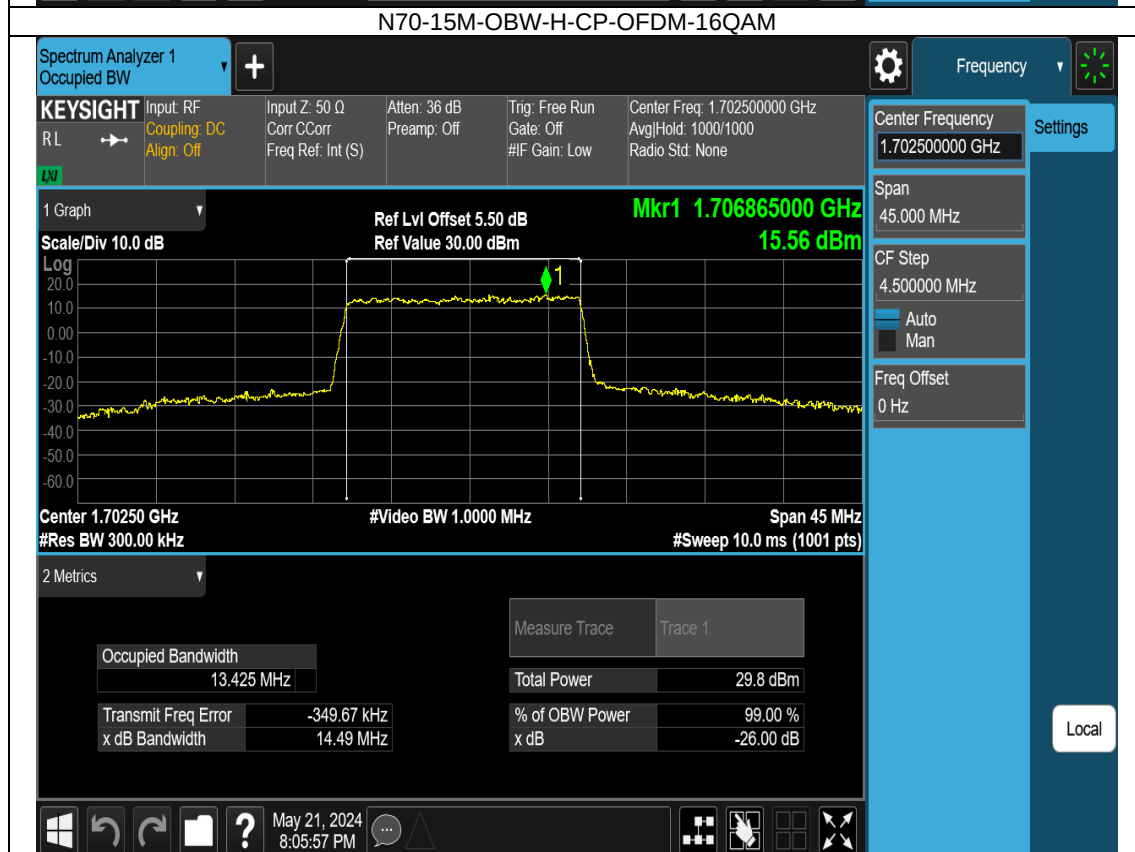
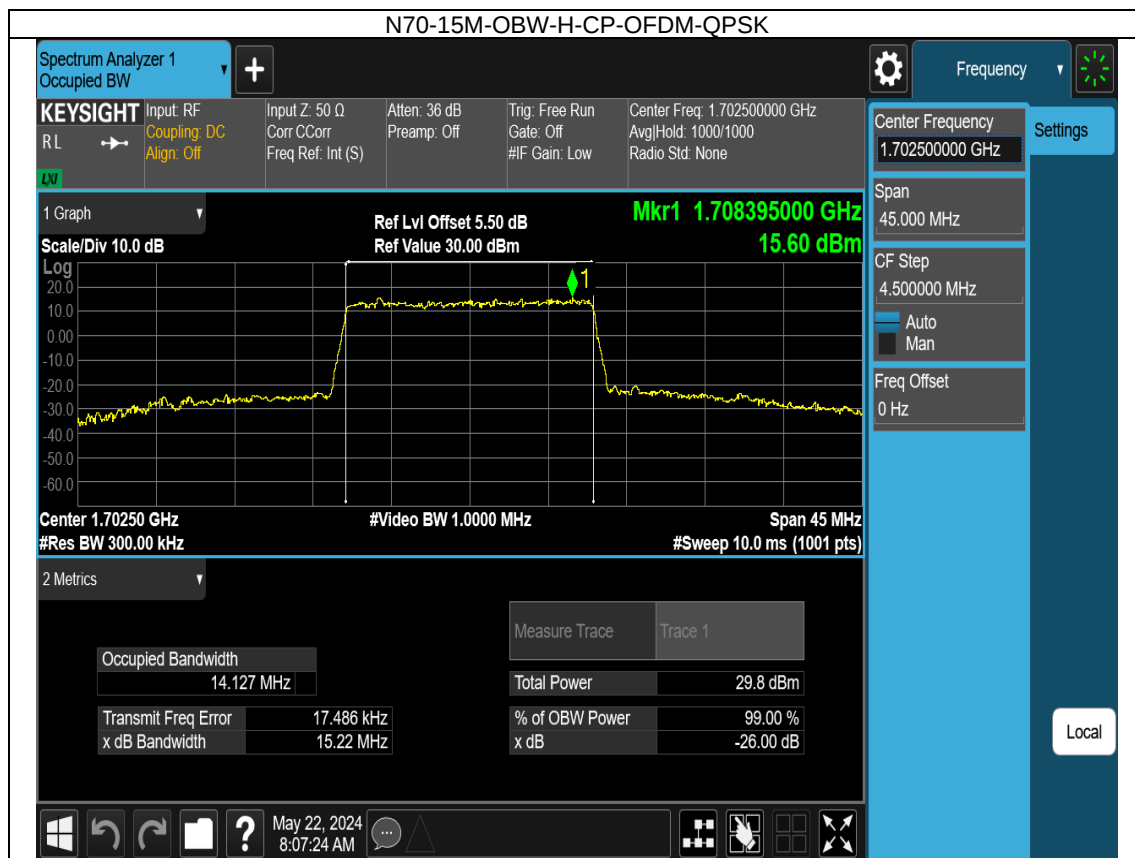
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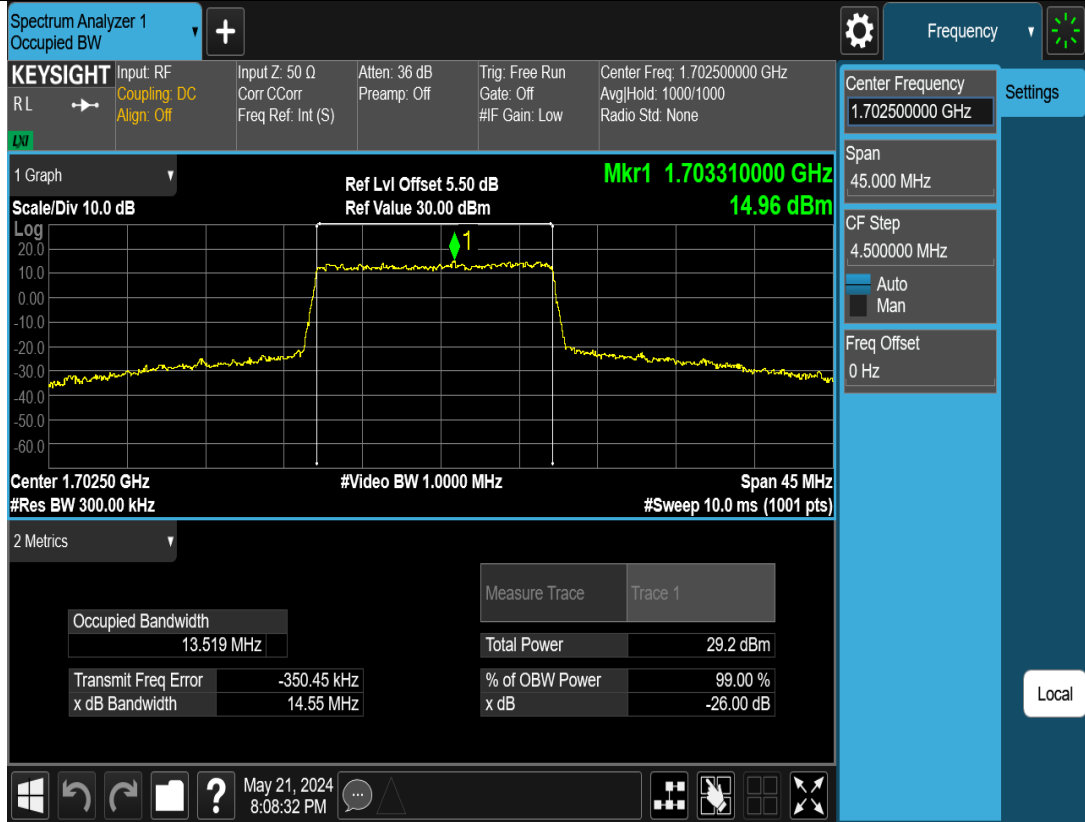
N70-15M-OBW-H-DFT-s-OFDM-16QAM



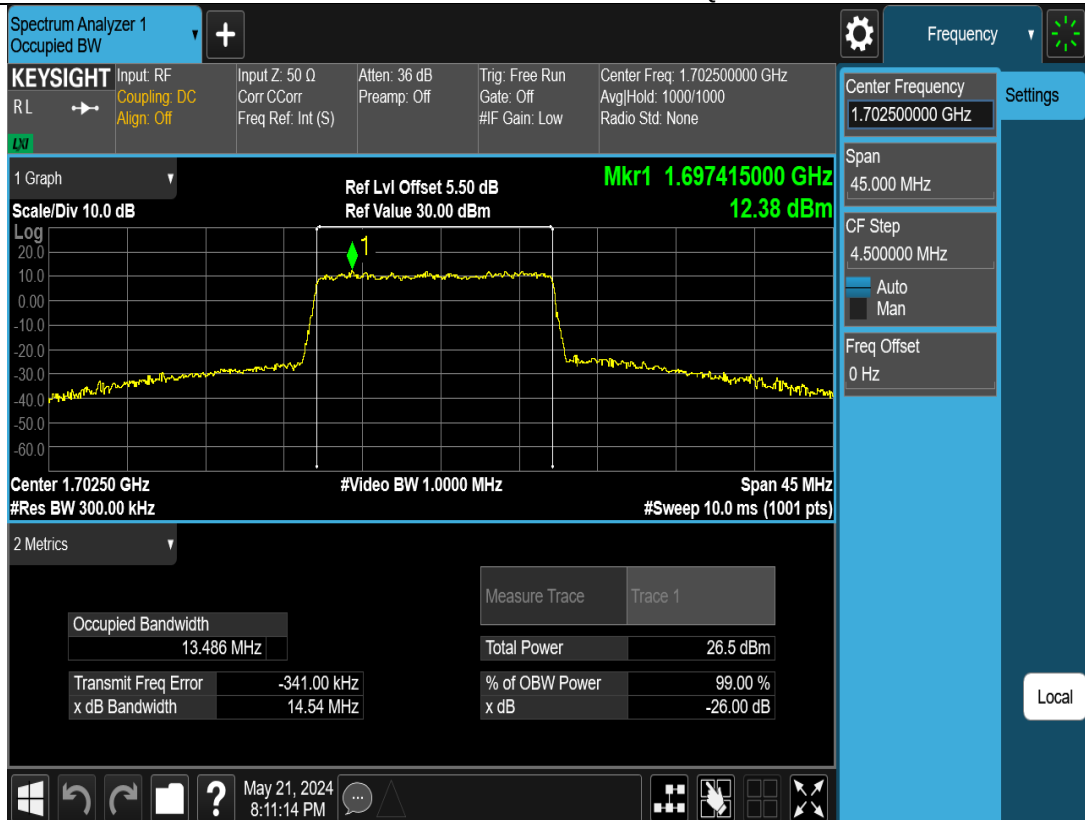




N70-15M-OBW-H-CP-OFDM-64QAM



N70-15M-OBW-H-CP-OFDM-256QAM



Peak-Average Ratio

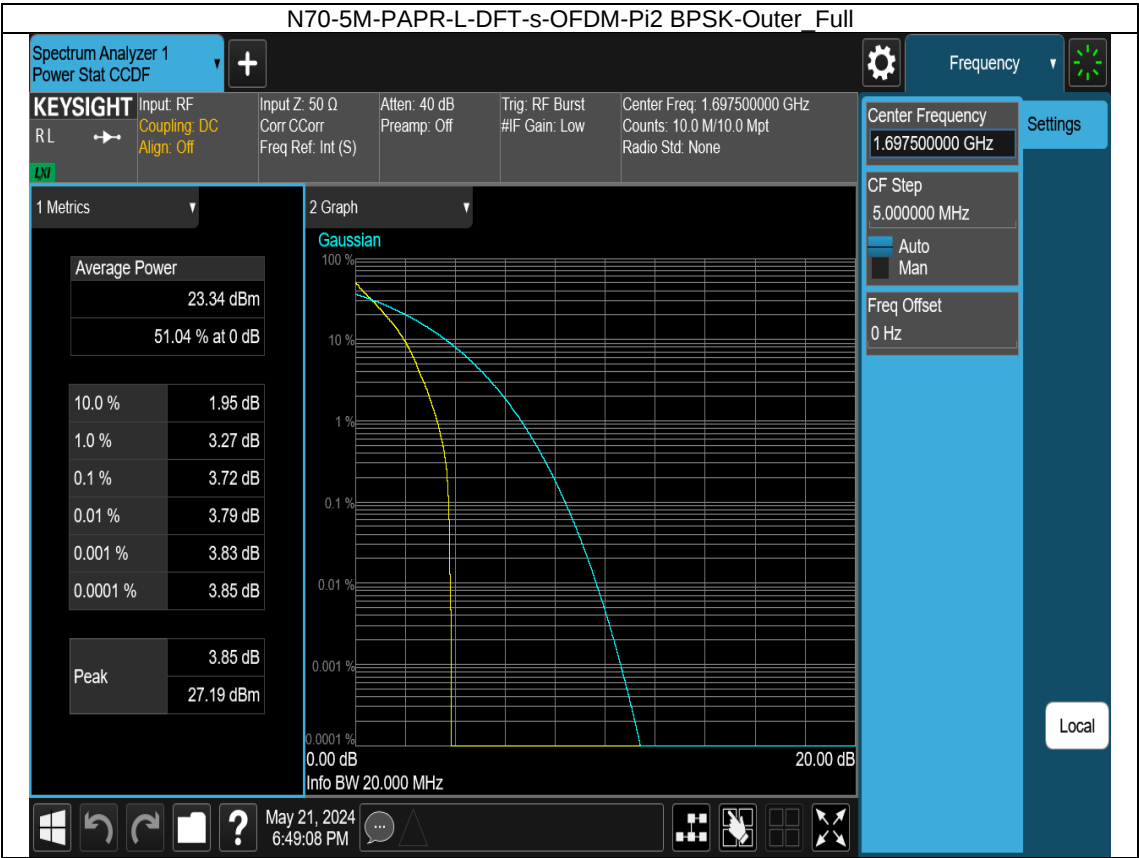
Test Result

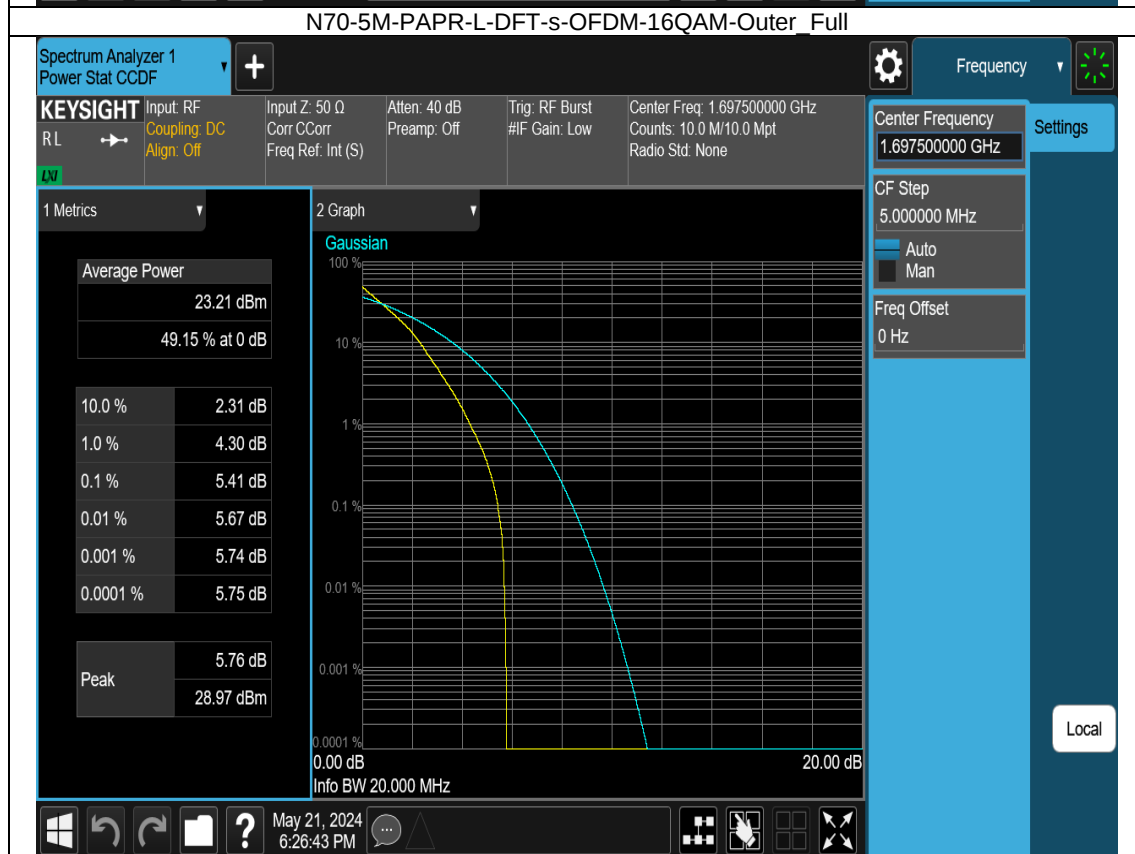
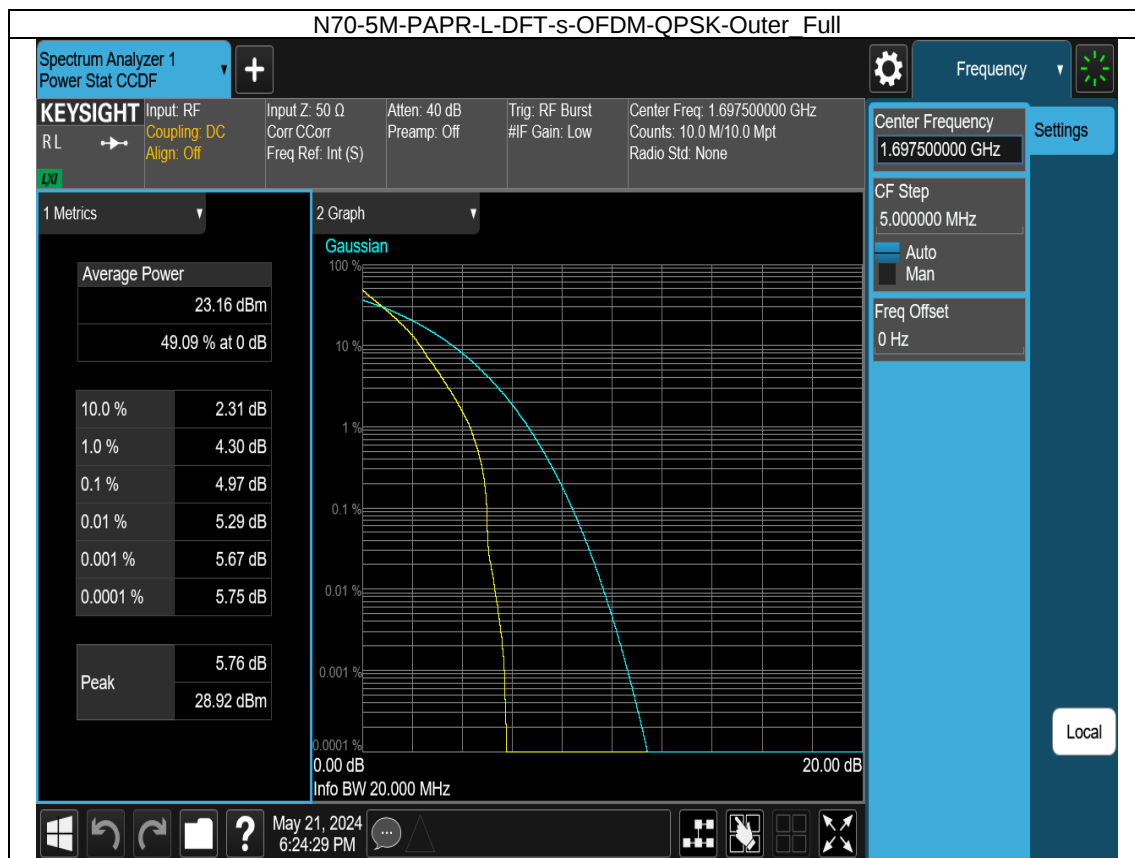
5G NR n70 SCS=15kHz 5MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	3.72	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	4.97	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	5.41	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	5.82	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.69	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.99	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.20	<=13	Pass
CP-OFDM 64QAM		Outer_Full	6.85	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.27	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	3.99	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.25	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	5.32	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	5.87	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.73	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.61	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.52	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.25	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.39	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	3.57	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.06	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	5.08	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	5.91	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.75	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.12	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.23	<=13	Pass
CP-OFDM 64QAM		Outer_Full	6.81	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.21	<=13	Pass

5G NR n70 SCS=15kHz 10MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.12	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.30	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.09	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.46	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.73	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.23	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.39	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.14	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.55	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.16	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.39	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.15	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.48	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.73	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.43	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.48	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.41	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.63	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.18	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.44	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.19	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.50	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.71	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.95	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.01	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.55	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.33	<=13	Pass

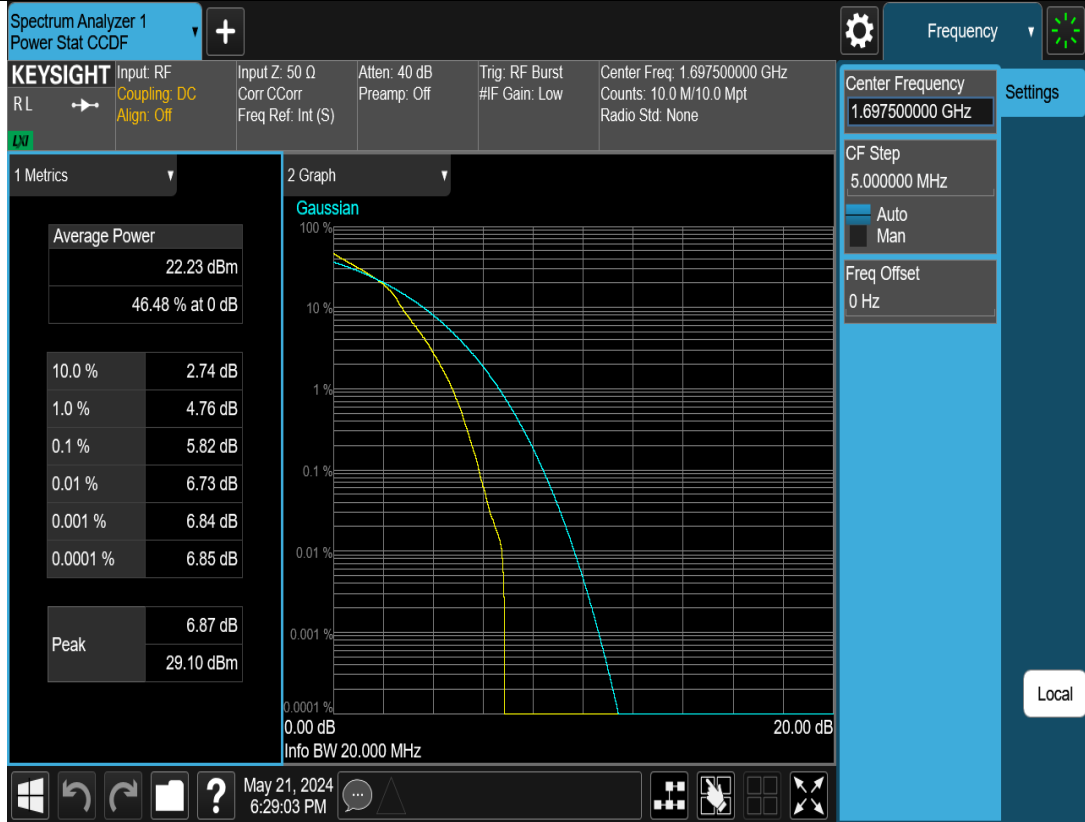
5G NR n70 SCS=15kHz 15MHz					
Modulation	CH	RB Allocation	Peak-Average Ratio (dB)	Limit	Verdict
DFT-s-OFDM PI/2 BPSK	Low CH	Outer_Full	4.27	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.45	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.21	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.43	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.65	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.06	<=13	Pass
CP-OFDM 16QAM		Outer_Full	7.05	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.44	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.37	<=13	Pass
DFT-s-OFDM PI/2 BPSK	Middle CH	Outer_Full	4.24	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.43	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.18	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.58	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.76	<=13	Pass
CP-OFDM QPSK		Outer_Full	6.93	<=13	Pass
CP-OFDM 16QAM		Outer_Full	6.93	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.41	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.52	<=13	Pass
DFT-s-OFDM PI/2 BPSK	High CH	Outer_Full	4.23	<=13	Pass
DFT-s-OFDM QPSK		Outer_Full	5.41	<=13	Pass
DFT-s-OFDM 16QAM		Outer_Full	6.19	<=13	Pass
DFT-s-OFDM 64QAM		Outer_Full	6.45	<=13	Pass
DFT-s-OFDM 256QAM		Outer_Full	6.88	<=13	Pass
CP-OFDM QPSK		Outer_Full	7.57	<=13	Pass
CP-OFDM 16QAM		Outer_Full	6.98	<=13	Pass
CP-OFDM 64QAM		Outer_Full	7.39	<=13	Pass
CP-OFDM 256QAM		Outer_Full	8.52	<=13	Pass

Test Graph





N70-5M-PAPR-L-DFT-s-OFDM-64QAM-Outer Full



N70-5M-PAPR-L-DFT-s-OFDM-256QAM-Outer Full



