

Appendix-B NR Band n12

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	CH	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
n12	15	5	DFT-BPSK	L	Inner_1RB_Left	23.18	22.83	34.77	PASS
n12	15	5	DFT-BPSK	L	Inner_1RB_Right	23.17	22.82	34.77	PASS
n12	15	5	DFT-BPSK	L	Inner_Full	23.17	22.82	34.77	PASS
n12	15	5	DFT-BPSK	L	Outer_Full	23.31	22.96	34.77	PASS
n12	15	5	DFT-QPSK	L	Inner_1RB_Left	23.18	22.83	34.77	PASS
n12	15	5	DFT-QPSK	L	Inner_1RB_Right	23.19	22.84	34.77	PASS
n12	15	5	DFT-QPSK	L	Inner_Full	23.23	22.88	34.77	PASS
n12	15	5	DFT-QPSK	L	Outer_Full	22.67	22.32	34.77	PASS
n12	15	5	DFT-16QAM	L	Inner_1RB_Left	22.64	22.29	34.77	PASS
n12	15	5	DFT-16QAM	L	Inner_1RB_Right	22.68	22.33	34.77	PASS
n12	15	5	DFT-16QAM	L	Inner_Full	22.88	22.53	34.77	PASS
n12	15	5	DFT-16QAM	L	Outer_Full	21.75	21.4	34.77	PASS
n12	15	5	DFT-64QAM	L	Inner_1RB_Left	21.39	21.04	34.77	PASS
n12	15	5	DFT-64QAM	L	Inner_1RB_Right	21.34	20.99	34.77	PASS
n12	15	5	DFT-64QAM	L	Inner_Full	21.34	20.99	34.77	PASS
n12	15	5	DFT-64QAM	L	Outer_Full	21.22	20.87	34.77	PASS
n12	15	5	DFT-256QAM	L	Inner_1RB_Left	18.78	18.43	34.77	PASS
n12	15	5	DFT-256QAM	L	Inner_1RB_Right	18.69	18.34	34.77	PASS
n12	15	5	DFT-256QAM	L	Inner_Full	19.27	18.92	34.77	PASS
n12	15	5	DFT-256QAM	L	Outer_Full	19.22	18.87	34.77	PASS
n12	15	5	DFT-BPSK	M	Inner_1RB_Left	23.33	22.98	34.77	PASS
n12	15	5	DFT-BPSK	M	Inner_1RB_Right	23.27	22.92	34.77	PASS
n12	15	5	DFT-BPSK	M	Inner_Full	23.33	22.98	34.77	PASS
n12	15	5	DFT-BPSK	M	Outer_Full	23.25	22.9	34.77	PASS
n12	15	5	DFT-QPSK	M	Inner_1RB_Left	23.26	22.91	34.77	PASS
n12	15	5	DFT-QPSK	M	Inner_1RB_Right	23.16	22.81	34.77	PASS
n12	15	5	DFT-QPSK	M	Inner_Full	23.28	22.93	34.77	PASS
n12	15	5	DFT-QPSK	M	Outer_Full	22.76	22.41	34.77	PASS
n12	15	5	DFT-16QAM	M	Inner_1RB_Left	22.65	22.3	34.77	PASS
n12	15	5	DFT-16QAM	M	Inner_1RB_Right	22.63	22.28	34.77	PASS
n12	15	5	DFT-16QAM	M	Inner_Full	22.94	22.59	34.77	PASS
n12	15	5	DFT-16QAM	M	Outer_Full	21.81	21.46	34.77	PASS
n12	15	5	DFT-64QAM	M	Inner_1RB_Left	21.38	21.03	34.77	PASS
n12	15	5	DFT-64QAM	M	Inner_1RB_Right	21.47	21.12	34.77	PASS
n12	15	5	DFT-64QAM	M	Inner_Full	21.29	20.94	34.77	PASS
n12	15	5	DFT-64QAM	M	Outer_Full	21.25	20.9	34.77	PASS
n12	15	5	DFT-256QAM	M	Inner_1RB_Left	18.72	18.37	34.77	PASS

n12	15	5	DFT-256QAM	M	Inner_1RB_Right	18.77	18.42	34.77	PASS
n12	15	5	DFT-256QAM	M	Inner_Full	19.27	18.92	34.77	PASS
n12	15	5	DFT-256QAM	M	Outer_Full	19.24	18.89	34.77	PASS
n12	15	5	DFT-BPSK	H	Inner_1RB_Left	23.27	22.92	34.77	PASS
n12	15	5	DFT-BPSK	H	Inner_1RB_Right	23.23	22.88	34.77	PASS
n12	15	5	DFT-BPSK	H	Inner_Full	23.22	22.87	34.77	PASS
n12	15	5	DFT-BPSK	H	Outer_Full	23.25	22.9	34.77	PASS
n12	15	5	DFT-QPSK	H	Inner_1RB_Left	23.24	22.89	34.77	PASS
n12	15	5	DFT-QPSK	H	Inner_1RB_Right	23.21	22.86	34.77	PASS
n12	15	5	DFT-QPSK	H	Inner_Full	23.22	22.87	34.77	PASS
n12	15	5	DFT-QPSK	H	Outer_Full	22.72	22.37	34.77	PASS
n12	15	5	DFT-16QAM	H	Inner_1RB_Left	22.69	22.34	34.77	PASS
n12	15	5	DFT-16QAM	H	Inner_1RB_Right	22.62	22.27	34.77	PASS
n12	15	5	DFT-16QAM	H	Inner_Full	22.93	22.58	34.77	PASS
n12	15	5	DFT-16QAM	H	Outer_Full	21.77	21.42	34.77	PASS
n12	15	5	DFT-64QAM	H	Inner_1RB_Left	21.45	21.1	34.77	PASS
n12	15	5	DFT-64QAM	H	Inner_1RB_Right	21.42	21.07	34.77	PASS
n12	15	5	DFT-64QAM	H	Inner_Full	21.31	20.96	34.77	PASS
n12	15	5	DFT-64QAM	H	Outer_Full	21.23	20.88	34.77	PASS
n12	15	5	DFT-256QAM	H	Inner_1RB_Left	18.75	18.4	34.77	PASS
n12	15	5	DFT-256QAM	H	Inner_1RB_Right	18.7	18.35	34.77	PASS
n12	15	5	DFT-256QAM	H	Inner_Full	19.22	18.87	34.77	PASS
n12	15	5	DFT-256QAM	H	Outer_Full	19.23	18.88	34.77	PASS
n12	15	10	DFT-BPSK	L	Inner_1RB_Left	23.23	22.88	34.77	PASS
n12	15	10	DFT-BPSK	L	Inner_1RB_Right	23.25	22.9	34.77	PASS
n12	15	10	DFT-BPSK	L	Inner_Full	23.33	22.98	34.77	PASS
n12	15	10	DFT-BPSK	L	Outer_Full	22.77	22.42	34.77	PASS
n12	15	10	DFT-QPSK	L	Inner_1RB_Left	23.28	22.93	34.77	PASS
n12	15	10	DFT-QPSK	L	Inner_1RB_Right	23.09	22.74	34.77	PASS
n12	15	10	DFT-QPSK	L	Inner_Full	23.25	22.9	34.77	PASS
n12	15	10	DFT-QPSK	L	Outer_Full	22.67	22.32	34.77	PASS
n12	15	10	DFT-16QAM	L	Inner_1RB_Left	22.66	22.31	34.77	PASS
n12	15	10	DFT-16QAM	L	Inner_1RB_Right	22.68	22.33	34.77	PASS
n12	15	10	DFT-16QAM	L	Inner_Full	22.74	22.39	34.77	PASS
n12	15	10	DFT-16QAM	L	Outer_Full	21.75	21.4	34.77	PASS
n12	15	10	DFT-64QAM	L	Inner_1RB_Left	21.36	21.01	34.77	PASS
n12	15	10	DFT-64QAM	L	Inner_1RB_Right	21.28	20.93	34.77	PASS
n12	15	10	DFT-64QAM	L	Inner_Full	21.23	20.88	34.77	PASS
n12	15	10	DFT-64QAM	L	Outer_Full	21.23	20.88	34.77	PASS
n12	15	10	DFT-256QAM	L	Inner_1RB_Left	18.68	18.33	34.77	PASS
n12	15	10	DFT-256QAM	L	Inner_1RB_Right	18.67	18.32	34.77	PASS
n12	15	10	DFT-256QAM	L	Inner_Full	19.18	18.83	34.77	PASS
n12	15	10	DFT-256QAM	L	Outer_Full	19.21	18.86	34.77	PASS
n12	15	10	DFT-BPSK	M	Inner_1RB_Left	23.27	22.92	34.77	PASS
n12	15	10	DFT-BPSK	M	Inner_1RB_Right	23.24	22.89	34.77	PASS

n12	15	10	DFT-BPSK	M	Inner_Full	23.31	22.96	34.77	PASS
n12	15	10	DFT-BPSK	M	Outer_Full	23.27	22.92	34.77	PASS
n12	15	10	DFT-QPSK	M	Inner_1RB_Left	23.25	22.9	34.77	PASS
n12	15	10	DFT-QPSK	M	Inner_1RB_Right	23.3	22.95	34.77	PASS
n12	15	10	DFT-QPSK	M	Inner_Full	23.34	22.99	34.77	PASS
n12	15	10	DFT-QPSK	M	Outer_Full	22.82	22.47	34.77	PASS
n12	15	10	DFT-16QAM	M	Inner_1RB_Left	22.73	22.38	34.77	PASS
n12	15	10	DFT-16QAM	M	Inner_1RB_Right	22.66	22.31	34.77	PASS
n12	15	10	DFT-16QAM	M	Inner_Full	22.81	22.46	34.77	PASS
n12	15	10	DFT-16QAM	M	Outer_Full	21.7	21.35	34.77	PASS
n12	15	10	DFT-64QAM	M	Inner_1RB_Left	21.49	21.14	34.77	PASS
n12	15	10	DFT-64QAM	M	Inner_1RB_Right	21.48	21.13	34.77	PASS
n12	15	10	DFT-64QAM	M	Inner_Full	21.23	20.88	34.77	PASS
n12	15	10	DFT-64QAM	M	Outer_Full	21.21	20.86	34.77	PASS
n12	15	10	DFT-256QAM	M	Inner_1RB_Left	18.74	18.39	34.77	PASS
n12	15	10	DFT-256QAM	M	Inner_1RB_Right	18.89	18.54	34.77	PASS
n12	15	10	DFT-256QAM	M	Inner_Full	19.12	18.77	34.77	PASS
n12	15	10	DFT-256QAM	M	Outer_Full	19.19	18.84	34.77	PASS
n12	15	10	DFT-BPSK	H	Inner_1RB_Left	23.23	22.88	34.77	PASS
n12	15	10	DFT-BPSK	H	Inner_1RB_Right	23.26	22.91	34.77	PASS
n12	15	10	DFT-BPSK	H	Inner_Full	23.17	22.82	34.77	PASS
n12	15	10	DFT-BPSK	H	Outer_Full	23.15	22.8	34.77	PASS
n12	15	10	DFT-QPSK	H	Inner_1RB_Left	23.18	22.83	34.77	PASS
n12	15	10	DFT-QPSK	H	Inner_1RB_Right	23.23	22.88	34.77	PASS
n12	15	10	DFT-QPSK	H	Inner_Full	23.24	22.89	34.77	PASS
n12	15	10	DFT-QPSK	H	Outer_Full	22.78	22.43	34.77	PASS
n12	15	10	DFT-16QAM	H	Inner_1RB_Left	22.64	22.29	34.77	PASS
n12	15	10	DFT-16QAM	H	Inner_1RB_Right	22.72	22.37	34.77	PASS
n12	15	10	DFT-16QAM	H	Inner_Full	22.74	22.39	34.77	PASS
n12	15	10	DFT-16QAM	H	Outer_Full	21.74	21.39	34.77	PASS
n12	15	10	DFT-64QAM	H	Inner_1RB_Left	21.34	20.99	34.77	PASS
n12	15	10	DFT-64QAM	H	Inner_1RB_Right	21.42	21.07	34.77	PASS
n12	15	10	DFT-64QAM	H	Inner_Full	21.2	20.85	34.77	PASS
n12	15	10	DFT-64QAM	H	Outer_Full	21.26	20.91	34.77	PASS
n12	15	10	DFT-256QAM	H	Inner_1RB_Left	18.7	18.35	34.77	PASS
n12	15	10	DFT-256QAM	H	Inner_1RB_Right	18.63	18.28	34.77	PASS
n12	15	10	DFT-256QAM	H	Inner_Full	19.14	18.79	34.77	PASS
n12	15	10	DFT-256QAM	H	Outer_Full	19.13	18.78	34.77	PASS
n12	15	15	DFT-BPSK	L	Inner_1RB_Left	23.22	22.87	34.77	PASS
n12	15	15	DFT-BPSK	L	Inner_1RB_Right	23.21	22.86	34.77	PASS
n12	15	15	DFT-BPSK	L	Inner_Full	23.28	22.93	34.77	PASS
n12	15	15	DFT-BPSK	L	Outer_Full	23.24	22.89	34.77	PASS
n12	15	15	DFT-QPSK	L	Inner_1RB_Left	23.26	22.91	34.77	PASS
n12	15	15	DFT-QPSK	L	Inner_1RB_Right	23.19	22.84	34.77	PASS
n12	15	15	DFT-QPSK	L	Inner_Full	23.29	22.94	34.77	PASS

n12	15	15	DFT-QPSK	L	Outer_Full	22.72	22.37	34.77	PASS
n12	15	15	DFT-16QAM	L	Inner_1RB_Left	22.73	22.38	34.77	PASS
n12	15	15	DFT-16QAM	L	Inner_1RB_Right	22.61	22.26	34.77	PASS
n12	15	15	DFT-16QAM	L	Inner_Full	22.85	22.5	34.77	PASS
n12	15	15	DFT-16QAM	L	Outer_Full	21.87	21.52	34.77	PASS
n12	15	15	DFT-64QAM	L	Inner_1RB_Left	21.43	21.08	34.77	PASS
n12	15	15	DFT-64QAM	L	Inner_1RB_Right	21.36	21.01	34.77	PASS
n12	15	15	DFT-64QAM	L	Inner_Full	21.26	20.91	34.77	PASS
n12	15	15	DFT-64QAM	L	Outer_Full	21.19	20.84	34.77	PASS
n12	15	15	DFT-256QAM	L	Inner_1RB_Left	18.94	18.59	34.77	PASS
n12	15	15	DFT-256QAM	L	Inner_1RB_Right	18.68	18.33	34.77	PASS
n12	15	15	DFT-256QAM	L	Inner_Full	19.23	18.88	34.77	PASS
n12	15	15	DFT-256QAM	L	Outer_Full	19.24	18.89	34.77	PASS
n12	15	15	DFT-BPSK	M	Inner_1RB_Left	23.19	22.84	34.77	PASS
n12	15	15	DFT-BPSK	M	Inner_1RB_Right	23.29	22.94	34.77	PASS
n12	15	15	DFT-BPSK	M	Inner_Full	23.21	22.86	34.77	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	23.3	22.95	34.77	PASS
n12	15	15	DFT-QPSK	M	Inner_1RB_Left	23.25	22.9	34.77	PASS
n12	15	15	DFT-QPSK	M	Inner_1RB_Right	23.25	22.9	34.77	PASS
n12	15	15	DFT-QPSK	M	Inner_Full	23.3	22.95	34.77	PASS
n12	15	15	DFT-QPSK	M	Outer_Full	22.76	22.41	34.77	PASS
n12	15	15	DFT-16QAM	M	Inner_1RB_Left	22.65	22.3	34.77	PASS
n12	15	15	DFT-16QAM	M	Inner_1RB_Right	22.59	22.24	34.77	PASS
n12	15	15	DFT-16QAM	M	Inner_Full	22.83	22.48	34.77	PASS
n12	15	15	DFT-16QAM	M	Outer_Full	21.78	21.43	34.77	PASS
n12	15	15	DFT-64QAM	M	Inner_1RB_Left	21.35	21	34.77	PASS
n12	15	15	DFT-64QAM	M	Inner_1RB_Right	21.38	21.03	34.77	PASS
n12	15	15	DFT-64QAM	M	Inner_Full	21.3	20.95	34.77	PASS
n12	15	15	DFT-64QAM	M	Outer_Full	21.28	20.93	34.77	PASS
n12	15	15	DFT-256QAM	M	Inner_1RB_Left	18.85	18.5	34.77	PASS
n12	15	15	DFT-256QAM	M	Inner_1RB_Right	18.75	18.4	34.77	PASS
n12	15	15	DFT-256QAM	M	Inner_Full	19.18	18.83	34.77	PASS
n12	15	15	DFT-256QAM	M	Outer_Full	19.25	18.9	34.77	PASS
n12	15	15	DFT-BPSK	H	Inner_1RB_Left	23.22	22.87	34.77	PASS
n12	15	15	DFT-BPSK	H	Inner_1RB_Right	23.19	22.84	34.77	PASS
n12	15	15	DFT-BPSK	H	Inner_Full	23.21	22.86	34.77	PASS
n12	15	15	DFT-BPSK	H	Outer_Full	23.21	22.86	34.77	PASS
n12	15	15	DFT-QPSK	H	Inner_1RB_Left	23.24	22.89	34.77	PASS
n12	15	15	DFT-QPSK	H	Inner_1RB_Right	23.17	22.82	34.77	PASS
n12	15	15	DFT-QPSK	H	Inner_Full	23.24	22.89	34.77	PASS
n12	15	15	DFT-QPSK	H	Outer_Full	22.71	22.36	34.77	PASS
n12	15	15	DFT-16QAM	H	Inner_1RB_Left	22.7	22.35	34.77	PASS
n12	15	15	DFT-16QAM	H	Inner_1RB_Right	22.72	22.37	34.77	PASS
n12	15	15	DFT-16QAM	H	Inner_Full	22.66	22.31	34.77	PASS
n12	15	15	DFT-16QAM	H	Outer_Full	21.79	21.44	34.77	PASS

n12	15	15	DFT-64QAM	H	Inner_1RB_Left	21.45	21.1	34.77	PASS
n12	15	15	DFT-64QAM	H	Inner_1RB_Right	21.29	20.94	34.77	PASS
n12	15	15	DFT-64QAM	H	Inner_Full	21.23	20.88	34.77	PASS
n12	15	15	DFT-64QAM	H	Outer_Full	21.16	20.81	34.77	PASS
n12	15	15	DFT-256QAM	H	Inner_1RB_Left	18.73	18.38	34.77	PASS
n12	15	15	DFT-256QAM	H	Inner_1RB_Right	18.63	18.28	34.77	PASS
n12	15	15	DFT-256QAM	H	Inner_Full	19.17	18.82	34.77	PASS
n12	15	15	DFT-256QAM	H	Outer_Full	19.13	18.78	34.77	PASS

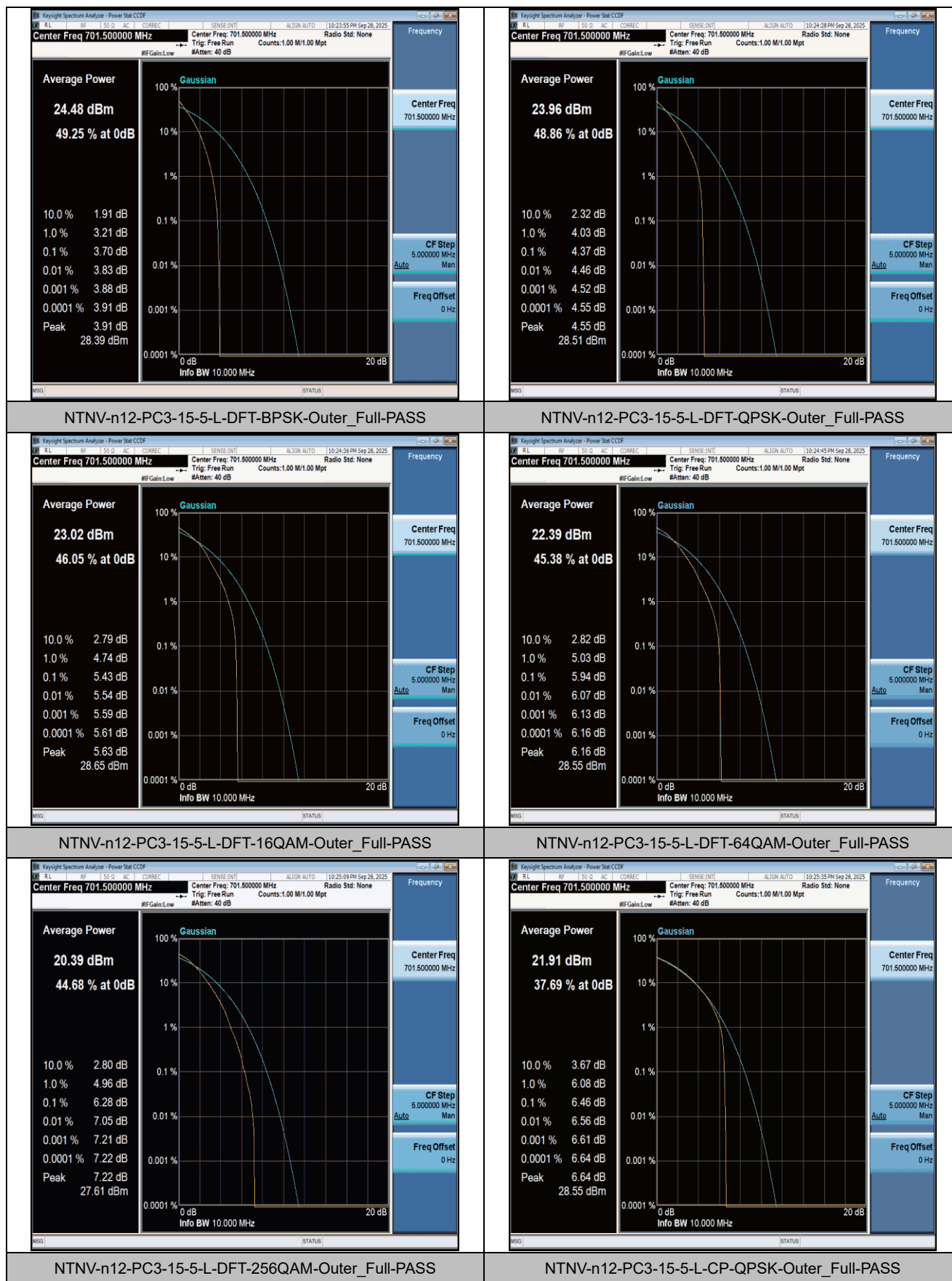
Peak-to-Average Ratio for SA

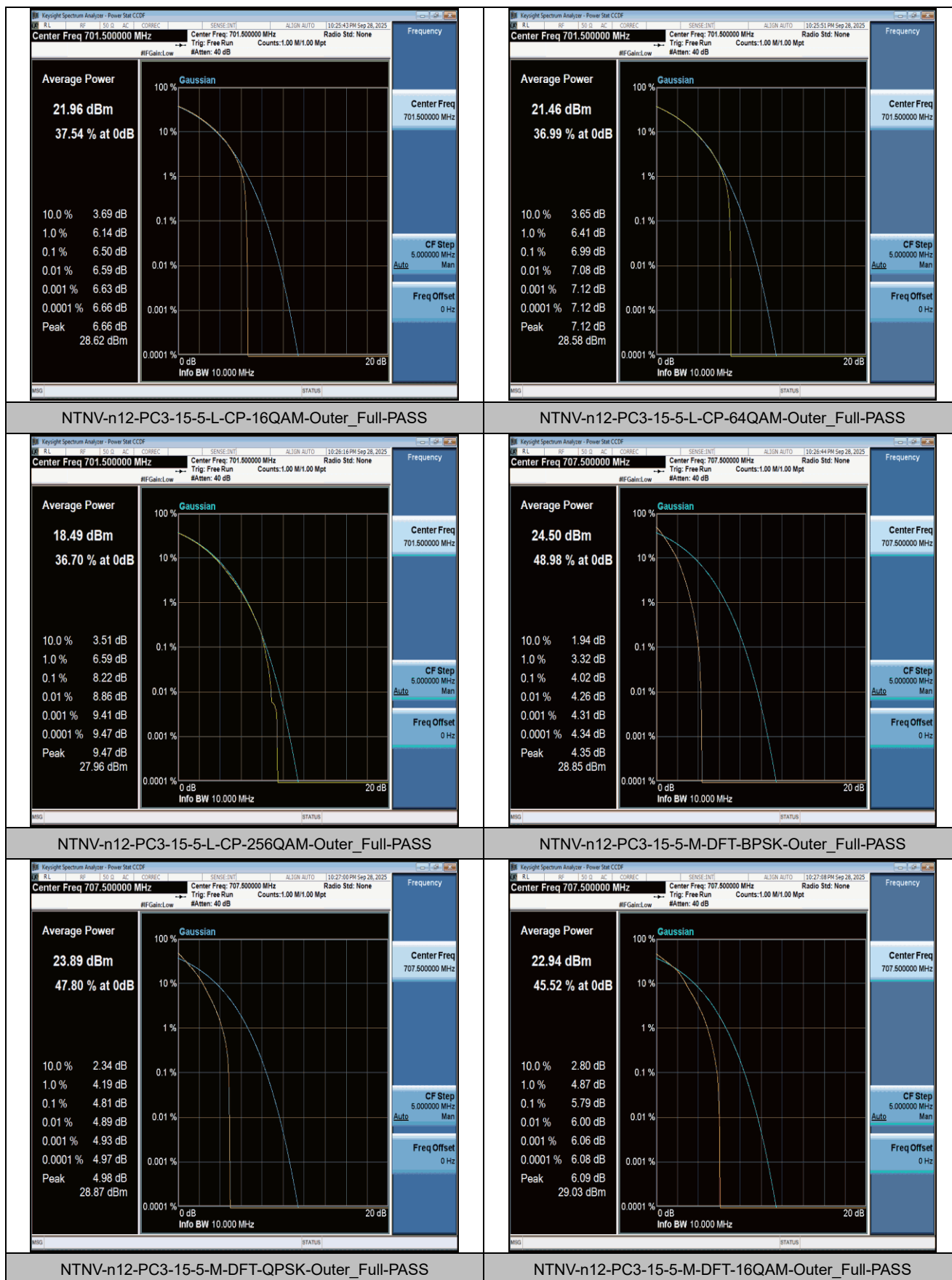
Test Result

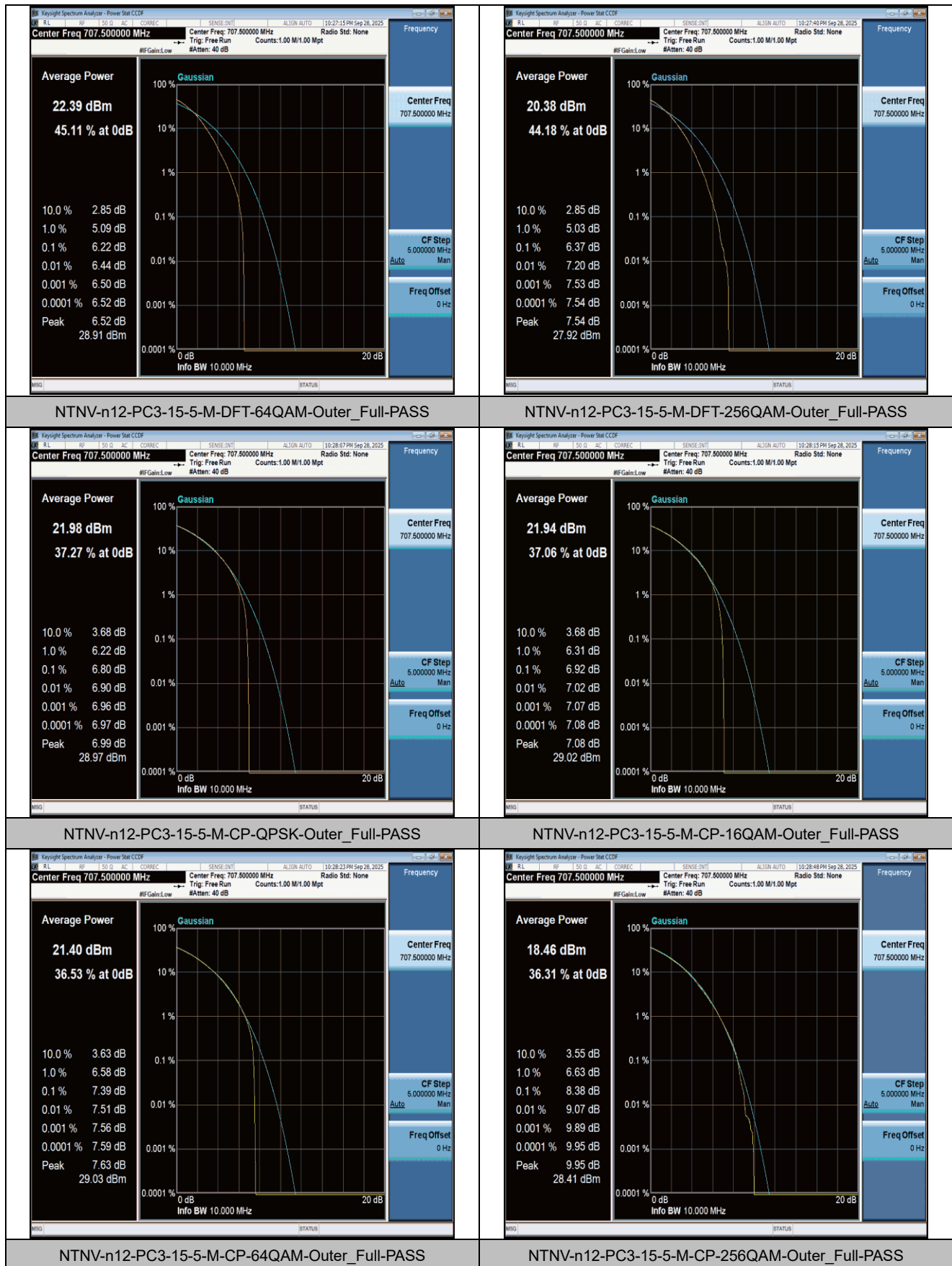
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dB)	Limit (dB)	Verdict
n12	15	5	DFT-BPSK	L	Outer_Full	3.7	≤13	PASS
n12	15	5	DFT-QPSK	L	Outer_Full	4.37	≤13	PASS
n12	15	5	DFT-16QAM	L	Outer_Full	5.43	≤13	PASS
n12	15	5	DFT-64QAM	L	Outer_Full	5.94	≤13	PASS
n12	15	5	DFT-256QAM	L	Outer_Full	6.28	≤13	PASS
n12	15	5	CP-QPSK	L	Outer_Full	6.46	≤13	PASS
n12	15	5	CP-16QAM	L	Outer_Full	6.5	≤13	PASS
n12	15	5	CP-64QAM	L	Outer_Full	6.99	≤13	PASS
n12	15	5	CP-256QAM	L	Outer_Full	8.22	≤13	PASS
n12	15	5	DFT-BPSK	M	Outer_Full	4.02	≤13	PASS
n12	15	5	DFT-QPSK	M	Outer_Full	4.81	≤13	PASS
n12	15	5	DFT-16QAM	M	Outer_Full	5.79	≤13	PASS
n12	15	5	DFT-64QAM	M	Outer_Full	6.22	≤13	PASS
n12	15	5	DFT-256QAM	M	Outer_Full	6.37	≤13	PASS
n12	15	5	CP-QPSK	M	Outer_Full	6.8	≤13	PASS
n12	15	5	CP-16QAM	M	Outer_Full	6.92	≤13	PASS
n12	15	5	CP-64QAM	M	Outer_Full	7.39	≤13	PASS
n12	15	5	CP-256QAM	M	Outer_Full	8.38	≤13	PASS
n12	15	5	DFT-BPSK	H	Outer_Full	3.65	≤13	PASS
n12	15	5	DFT-QPSK	H	Outer_Full	4.28	≤13	PASS
n12	15	5	DFT-16QAM	H	Outer_Full	5.33	≤13	PASS
n12	15	5	DFT-64QAM	H	Outer_Full	5.9	≤13	PASS
n12	15	5	DFT-256QAM	H	Outer_Full	6.29	≤13	PASS
n12	15	5	CP-QPSK	H	Outer_Full	6.37	≤13	PASS
n12	15	5	CP-16QAM	H	Outer_Full	6.38	≤13	PASS
n12	15	5	CP-64QAM	H	Outer_Full	6.92	≤13	PASS
n12	15	5	CP-256QAM	H	Outer_Full	8.19	≤13	PASS
n12	15	10	DFT-BPSK	L	Outer_Full	4.34	≤13	PASS
n12	15	10	DFT-QPSK	L	Outer_Full	5.12	≤13	PASS
n12	15	10	DFT-16QAM	L	Outer_Full	5.98	≤13	PASS
n12	15	10	DFT-64QAM	L	Outer_Full	6.26	≤13	PASS
n12	15	10	DFT-256QAM	L	Outer_Full	6.58	≤13	PASS
n12	15	10	CP-QPSK	L	Outer_Full	7.23	≤13	PASS
n12	15	10	CP-16QAM	L	Outer_Full	7.18	≤13	PASS
n12	15	10	CP-64QAM	L	Outer_Full	7.52	≤13	PASS
n12	15	10	CP-256QAM	L	Outer_Full	8.57	≤13	PASS
n12	15	10	DFT-BPSK	M	Outer_Full	4.27	≤13	PASS
n12	15	10	DFT-QPSK	M	Outer_Full	4.99	≤13	PASS
n12	15	10	DFT-16QAM	M	Outer_Full	5.98	≤13	PASS

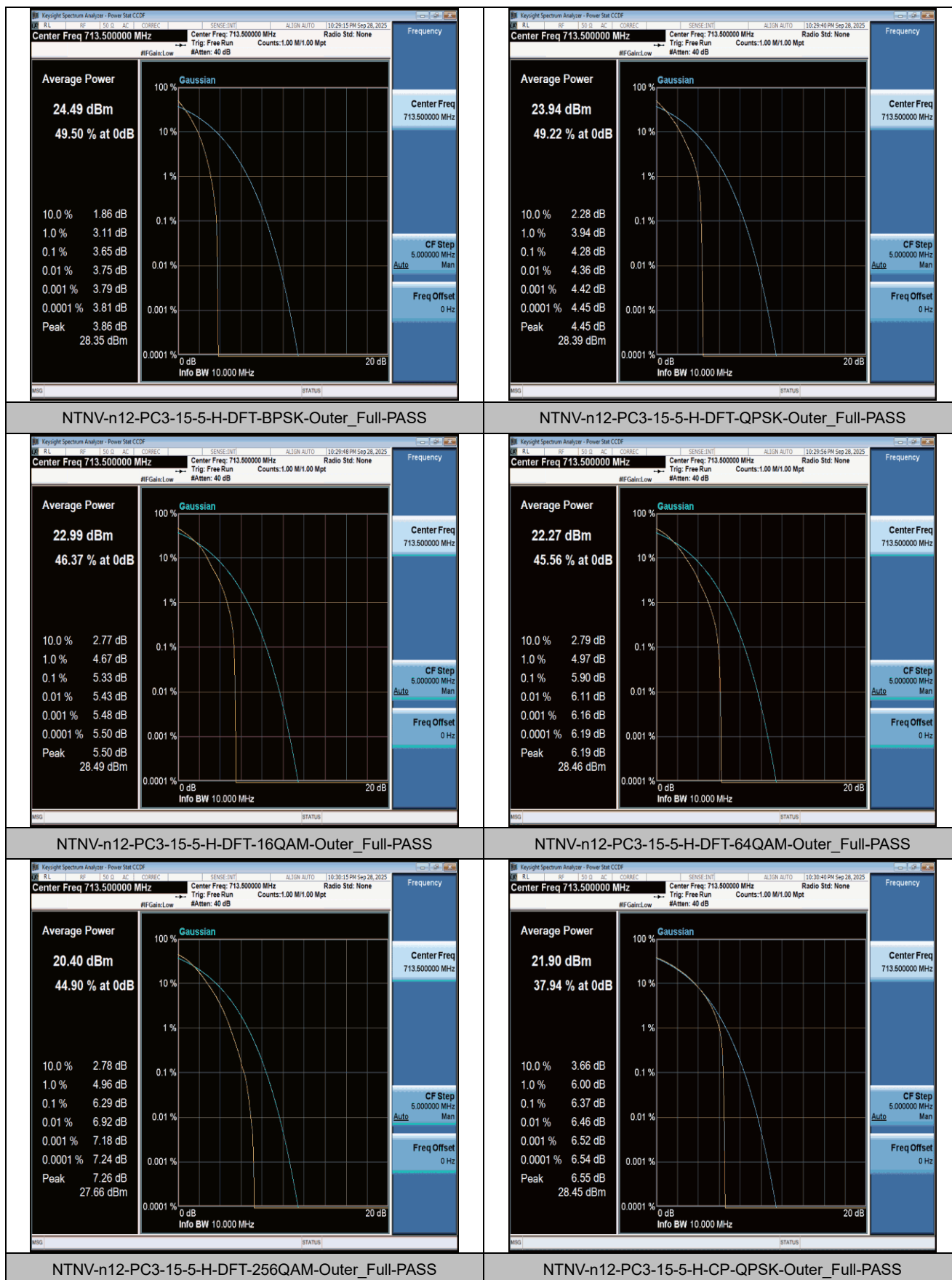
n12	15	10	DFT-64QAM	M	Outer_Full	6.25	≤13	PASS
n12	15	10	DFT-256QAM	M	Outer_Full	6.56	≤13	PASS
n12	15	10	CP-QPSK	M	Outer_Full	7.18	≤13	PASS
n12	15	10	CP-16QAM	M	Outer_Full	7.11	≤13	PASS
n12	15	10	CP-64QAM	M	Outer_Full	7.48	≤13	PASS
n12	15	10	CP-256QAM	M	Outer_Full	8.47	≤13	PASS
n12	15	10	DFT-BPSK	H	Outer_Full	3.65	≤13	PASS
n12	15	10	DFT-QPSK	H	Outer_Full	4.47	≤13	PASS
n12	15	10	DFT-16QAM	H	Outer_Full	5.51	≤13	PASS
n12	15	10	DFT-64QAM	H	Outer_Full	6.1	≤13	PASS
n12	15	10	DFT-256QAM	H	Outer_Full	6.39	≤13	PASS
n12	15	10	CP-QPSK	H	Outer_Full	6.65	≤13	PASS
n12	15	10	CP-16QAM	H	Outer_Full	6.59	≤13	PASS
n12	15	10	CP-64QAM	H	Outer_Full	7.04	≤13	PASS
n12	15	10	CP-256QAM	H	Outer_Full	8.42	≤13	PASS
n12	15	15	DFT-BPSK	L	Outer_Full	4.3	≤13	PASS
n12	15	15	DFT-QPSK	L	Outer_Full	5.04	≤13	PASS
n12	15	15	DFT-16QAM	L	Outer_Full	5.87	≤13	PASS
n12	15	15	DFT-64QAM	L	Outer_Full	5.9	≤13	PASS
n12	15	15	DFT-256QAM	L	Outer_Full	6.61	≤13	PASS
n12	15	15	CP-QPSK	L	Outer_Full	6.58	≤13	PASS
n12	15	15	CP-16QAM	L	Outer_Full	6.52	≤13	PASS
n12	15	15	CP-64QAM	L	Outer_Full	7.07	≤13	PASS
n12	15	15	CP-256QAM	L	Outer_Full	8.24	≤13	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	4.21	≤13	PASS
n12	15	15	DFT-QPSK	M	Outer_Full	4.77	≤13	PASS
n12	15	15	DFT-16QAM	M	Outer_Full	5.34	≤13	PASS
n12	15	15	DFT-64QAM	M	Outer_Full	5.84	≤13	PASS
n12	15	15	DFT-256QAM	M	Outer_Full	6.55	≤13	PASS
n12	15	15	CP-QPSK	M	Outer_Full	7.11	≤13	PASS
n12	15	15	CP-16QAM	M	Outer_Full	7.04	≤13	PASS
n12	15	15	CP-64QAM	M	Outer_Full	7.57	≤13	PASS
n12	15	15	CP-256QAM	M	Outer_Full	8.27	≤13	PASS
n12	15	15	DFT-BPSK	H	Outer_Full	4.2	≤13	PASS
n12	15	15	DFT-QPSK	H	Outer_Full	4.98	≤13	PASS
n12	15	15	DFT-16QAM	H	Outer_Full	5.82	≤13	PASS
n12	15	15	DFT-64QAM	H	Outer_Full	6.24	≤13	PASS
n12	15	15	DFT-256QAM	H	Outer_Full	6.51	≤13	PASS
n12	15	15	CP-QPSK	H	Outer_Full	6.51	≤13	PASS
n12	15	15	CP-16QAM	H	Outer_Full	7.11	≤13	PASS
n12	15	15	CP-64QAM	H	Outer_Full	7.56	≤13	PASS
n12	15	15	CP-256QAM	H	Outer_Full	8.28	≤13	PASS

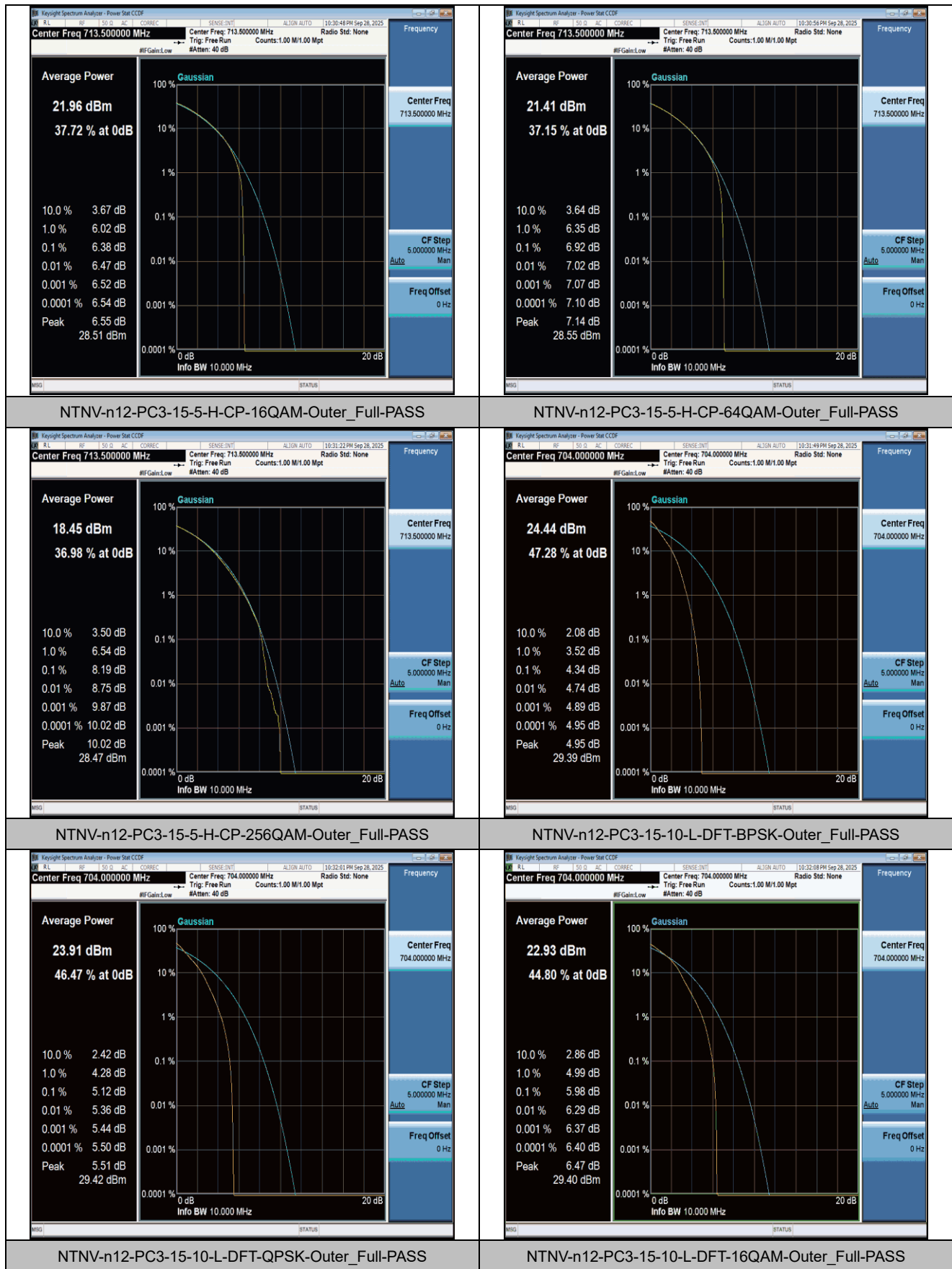
Test Graphs

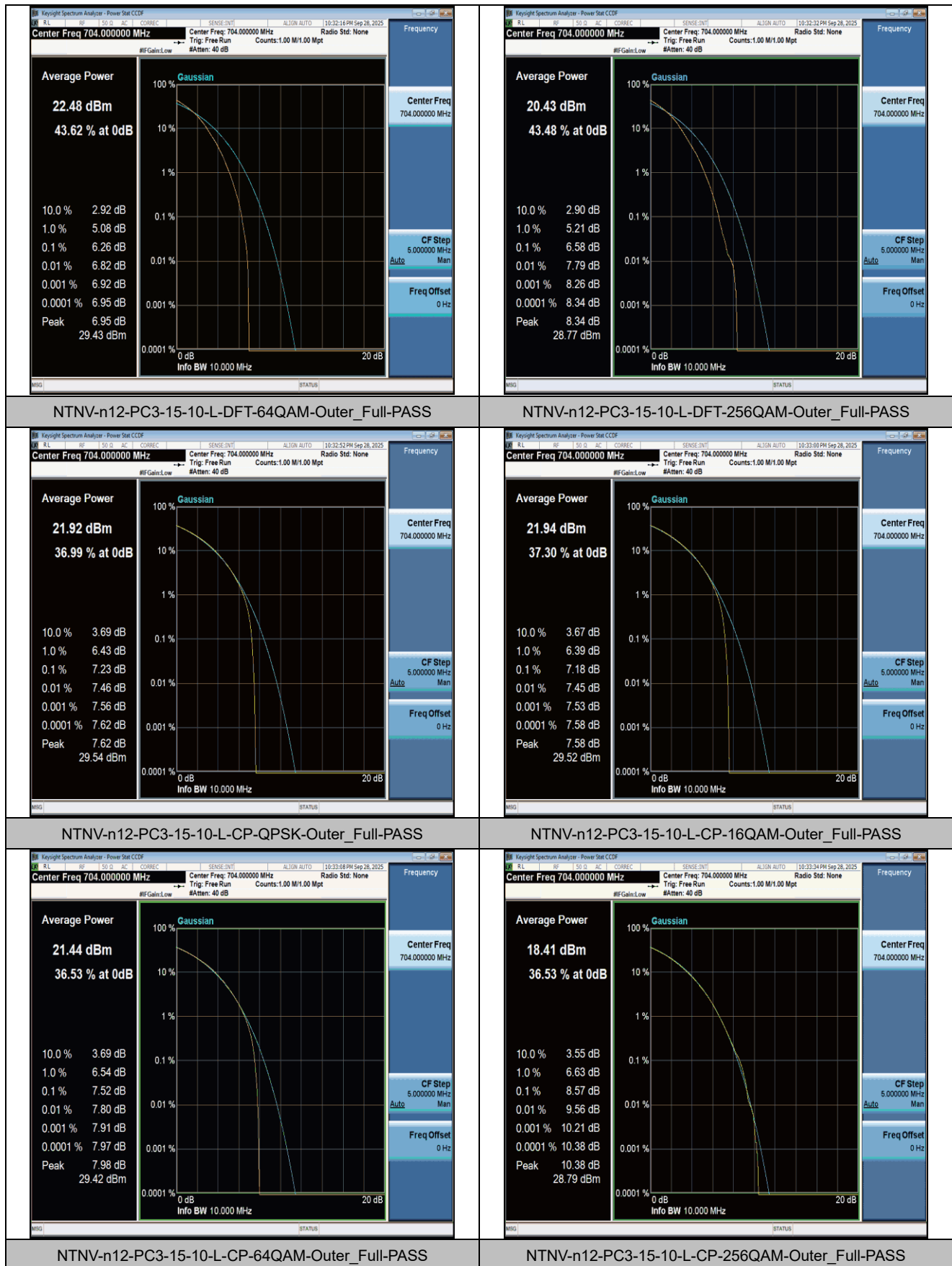


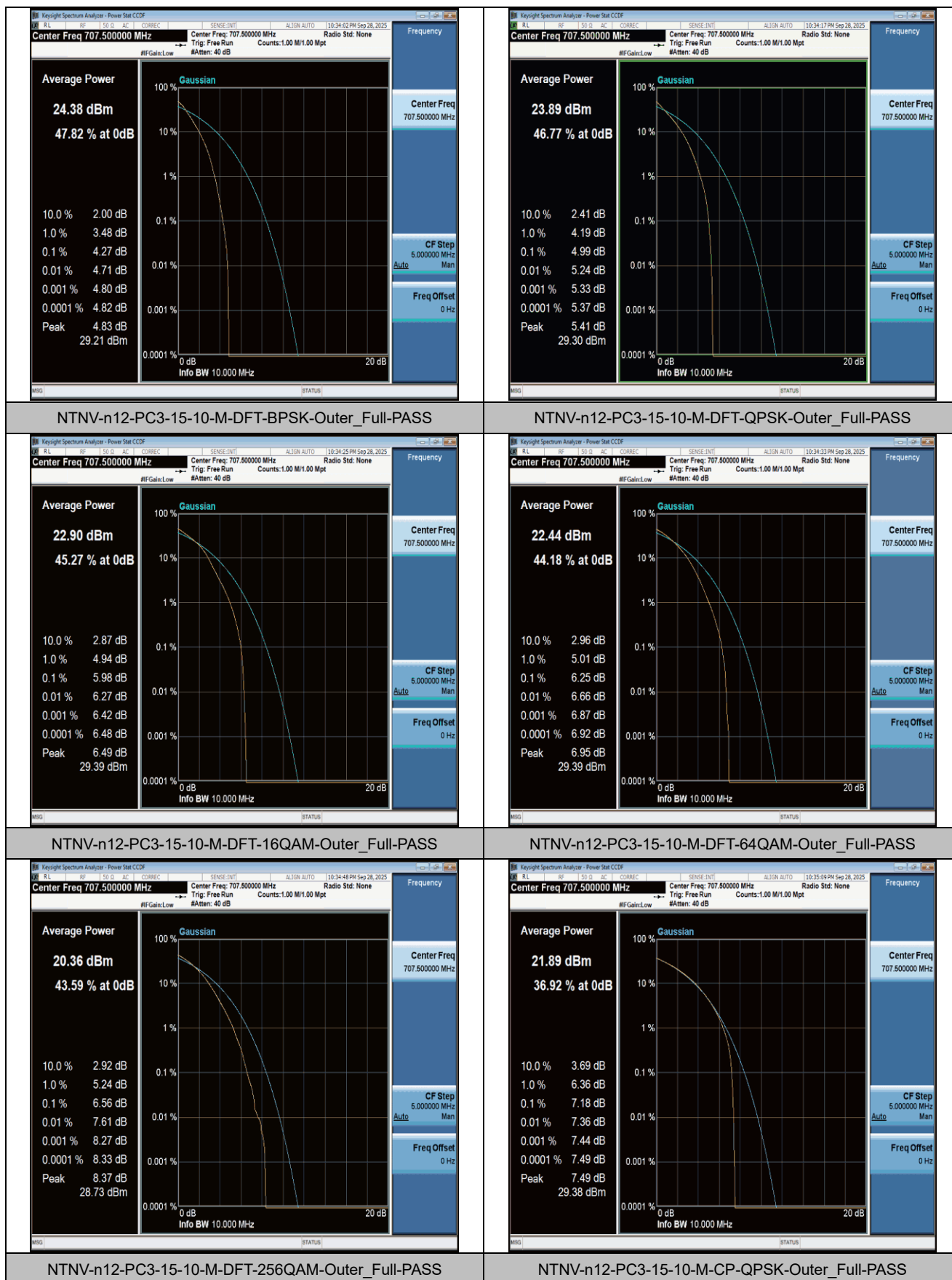


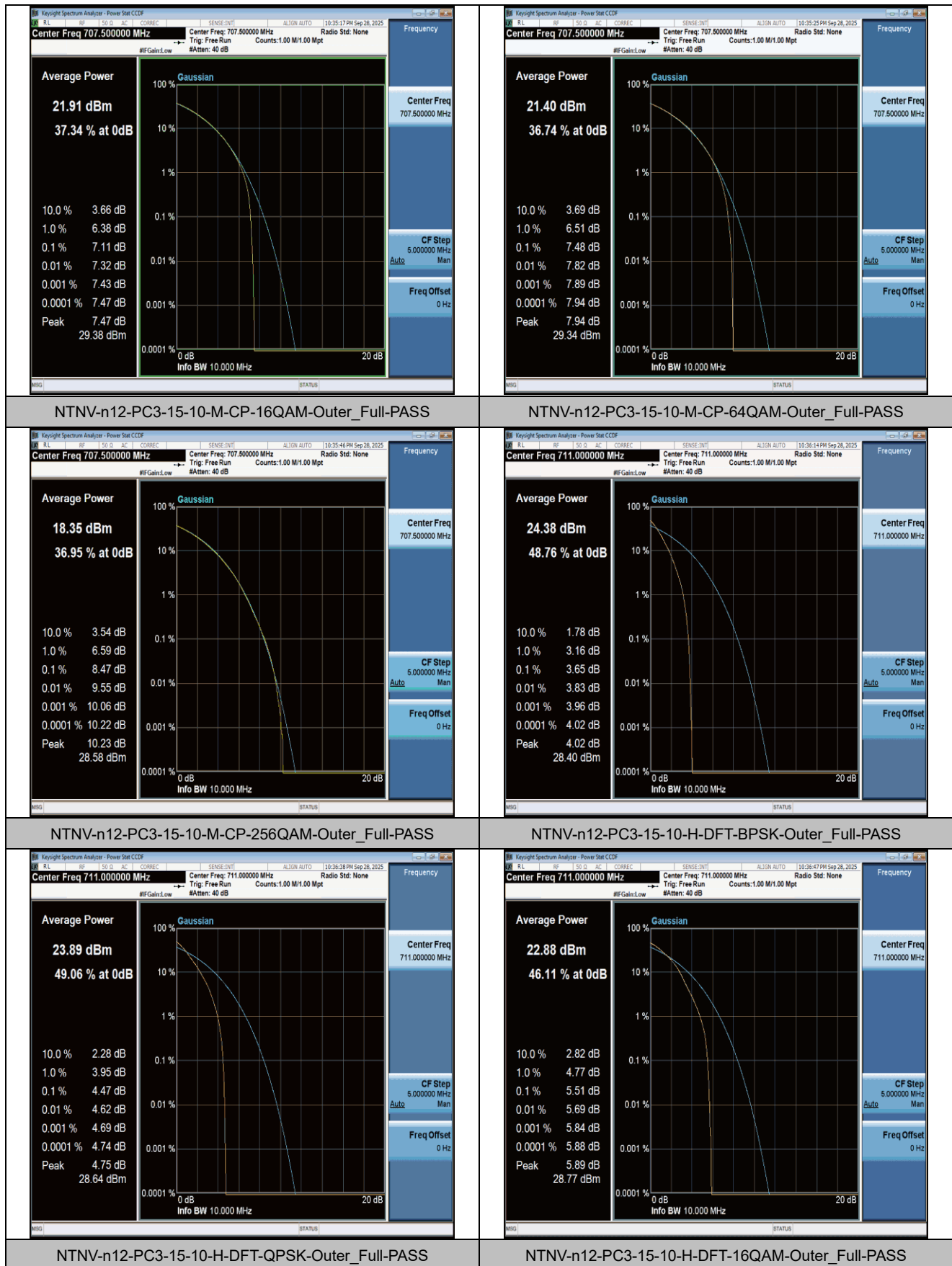


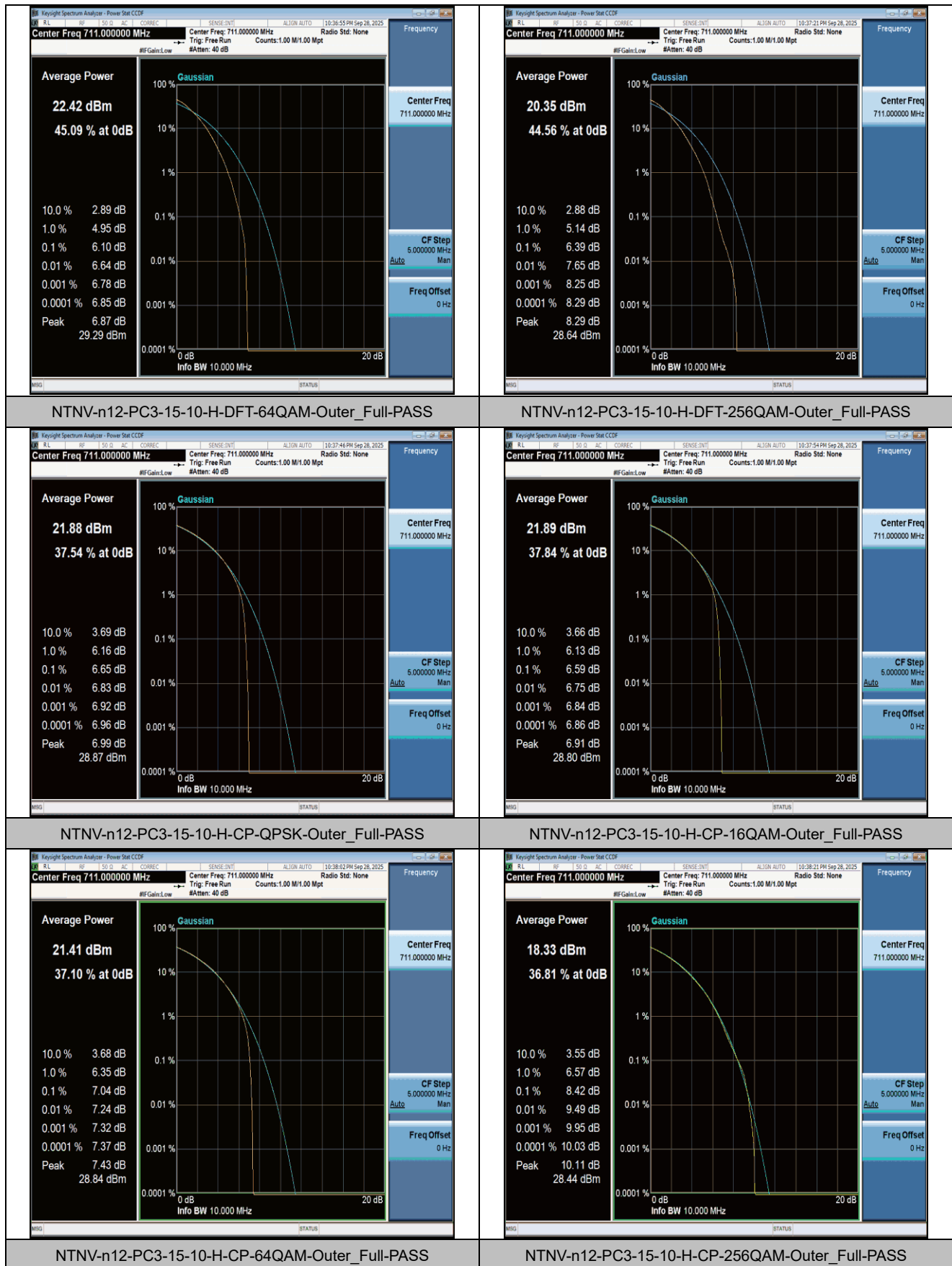


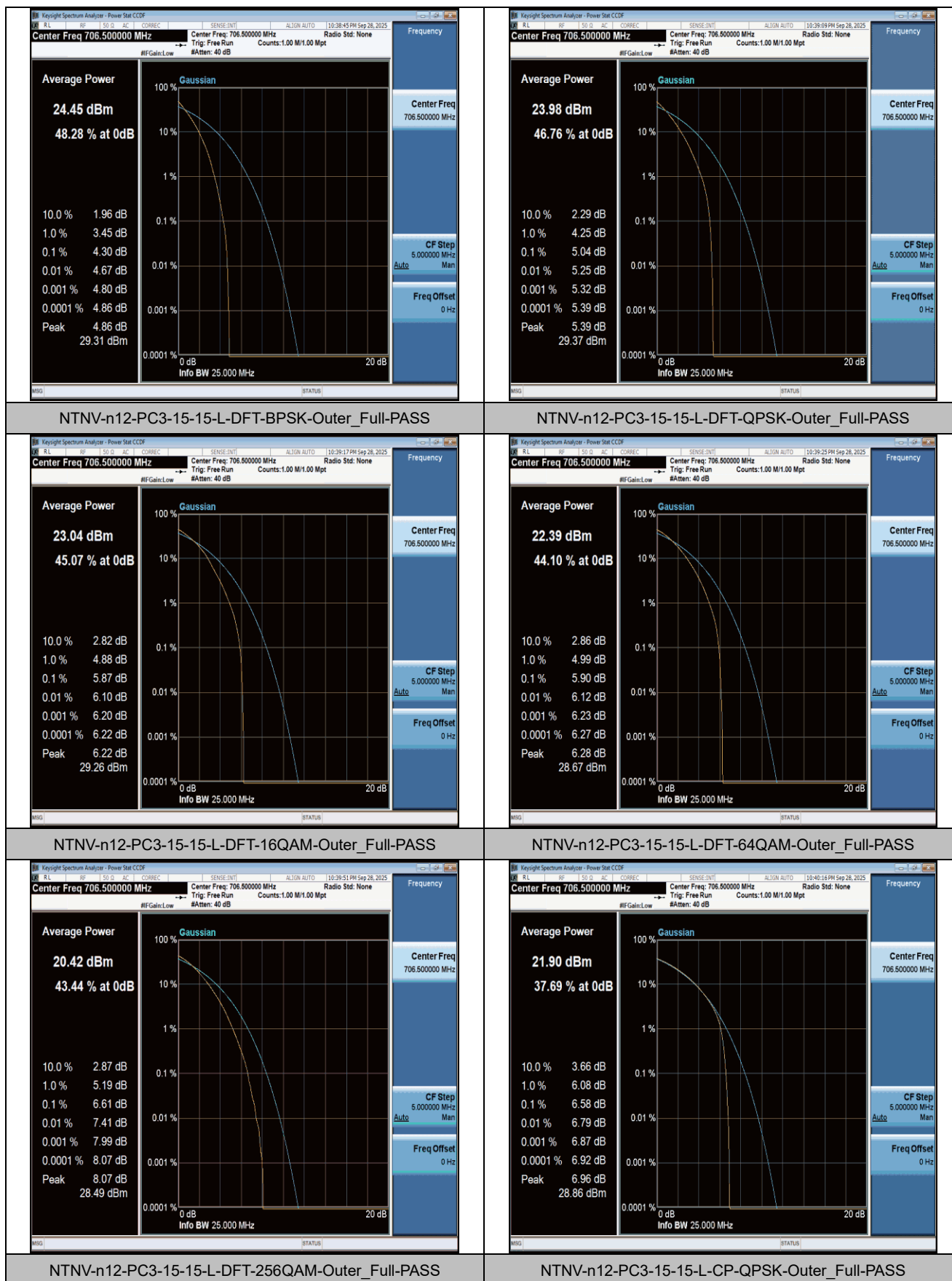


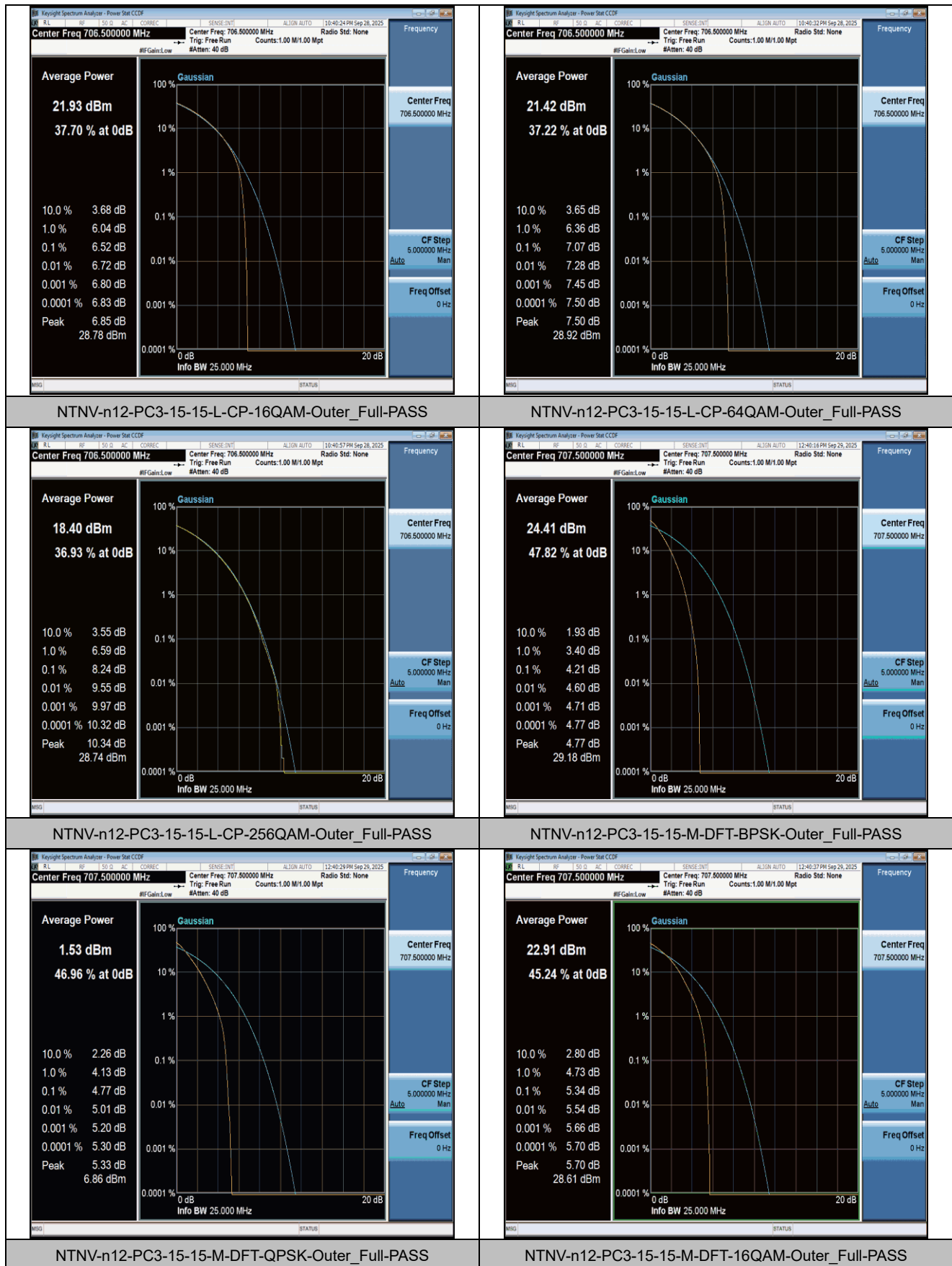


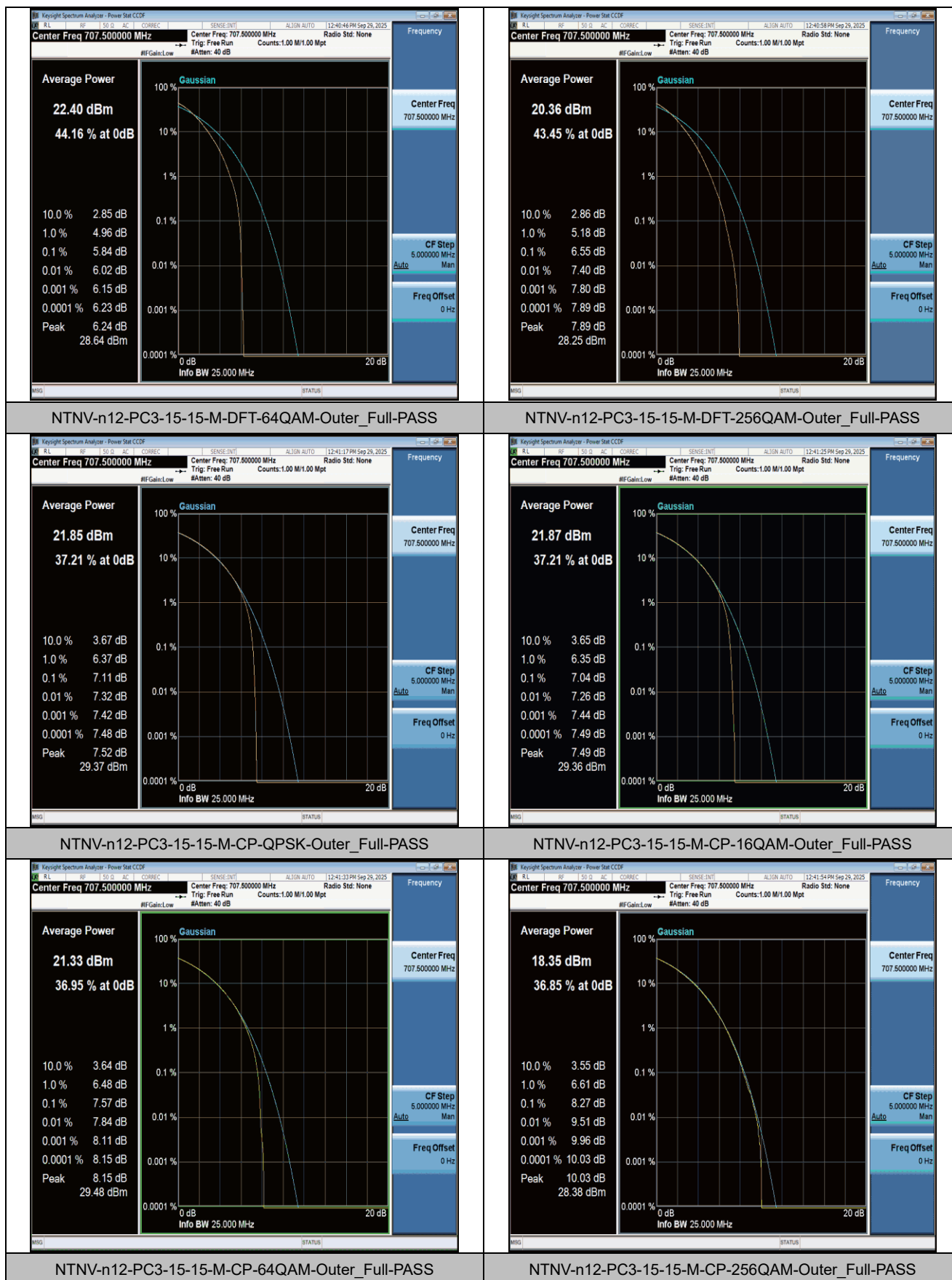


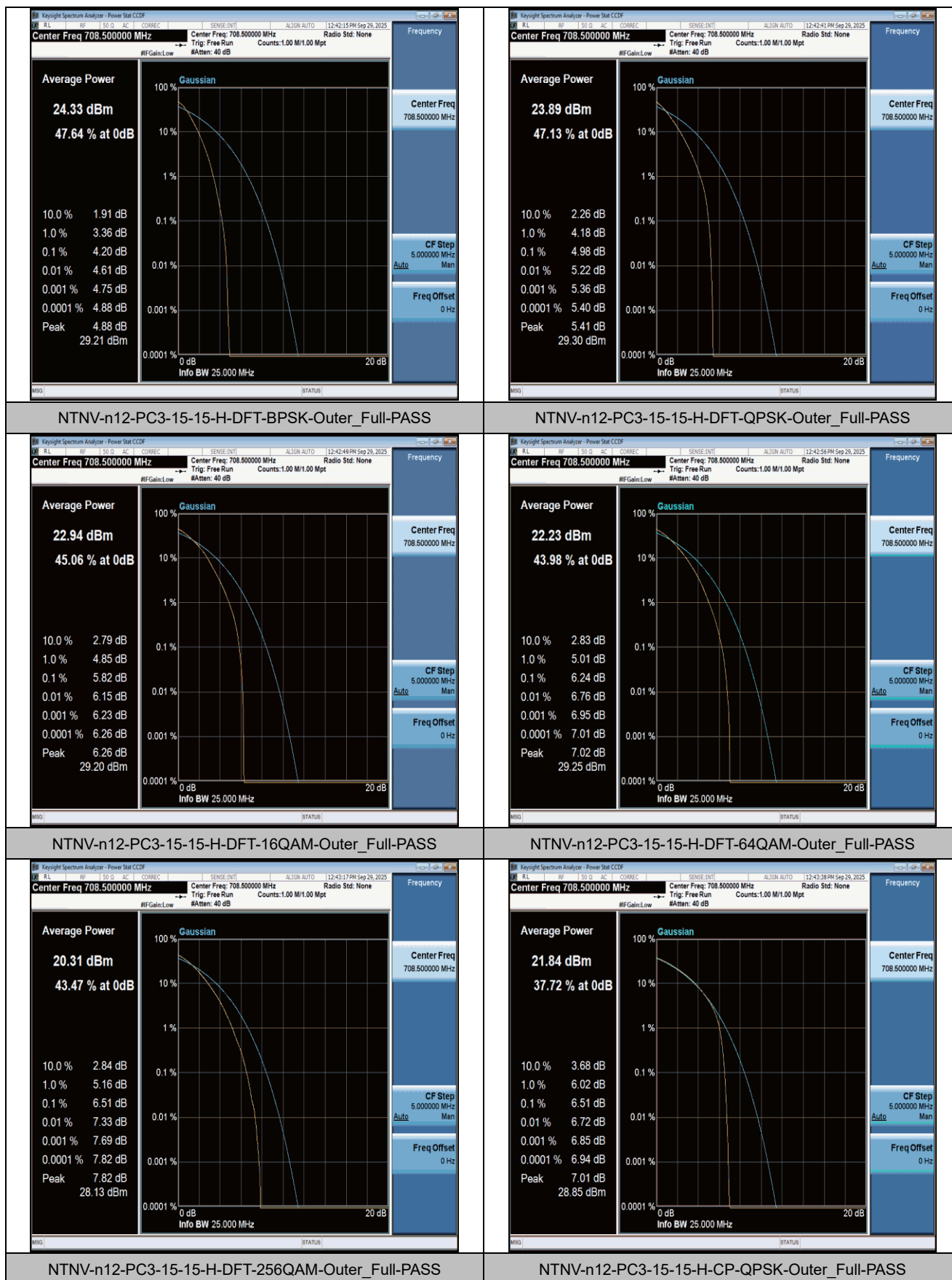


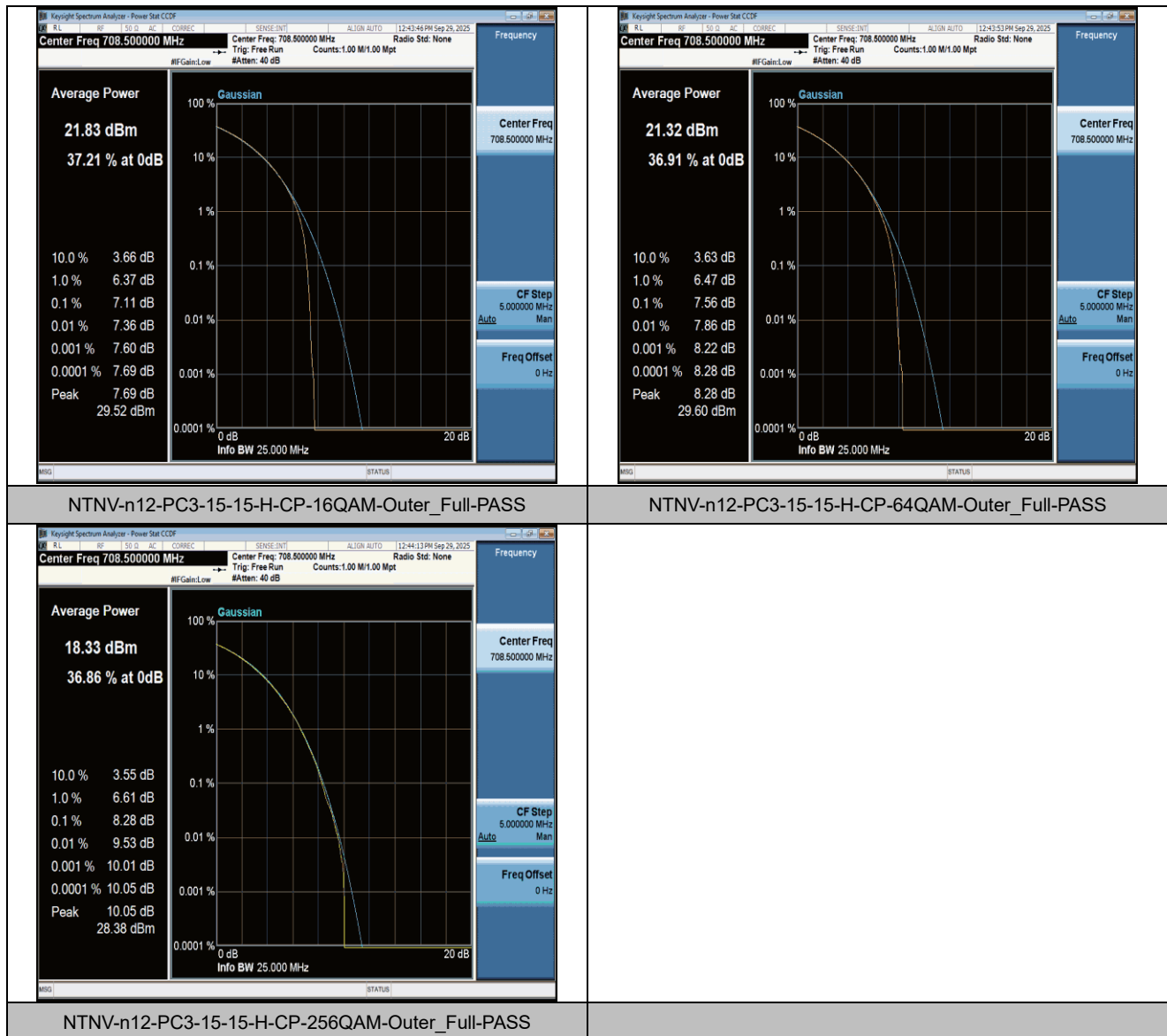










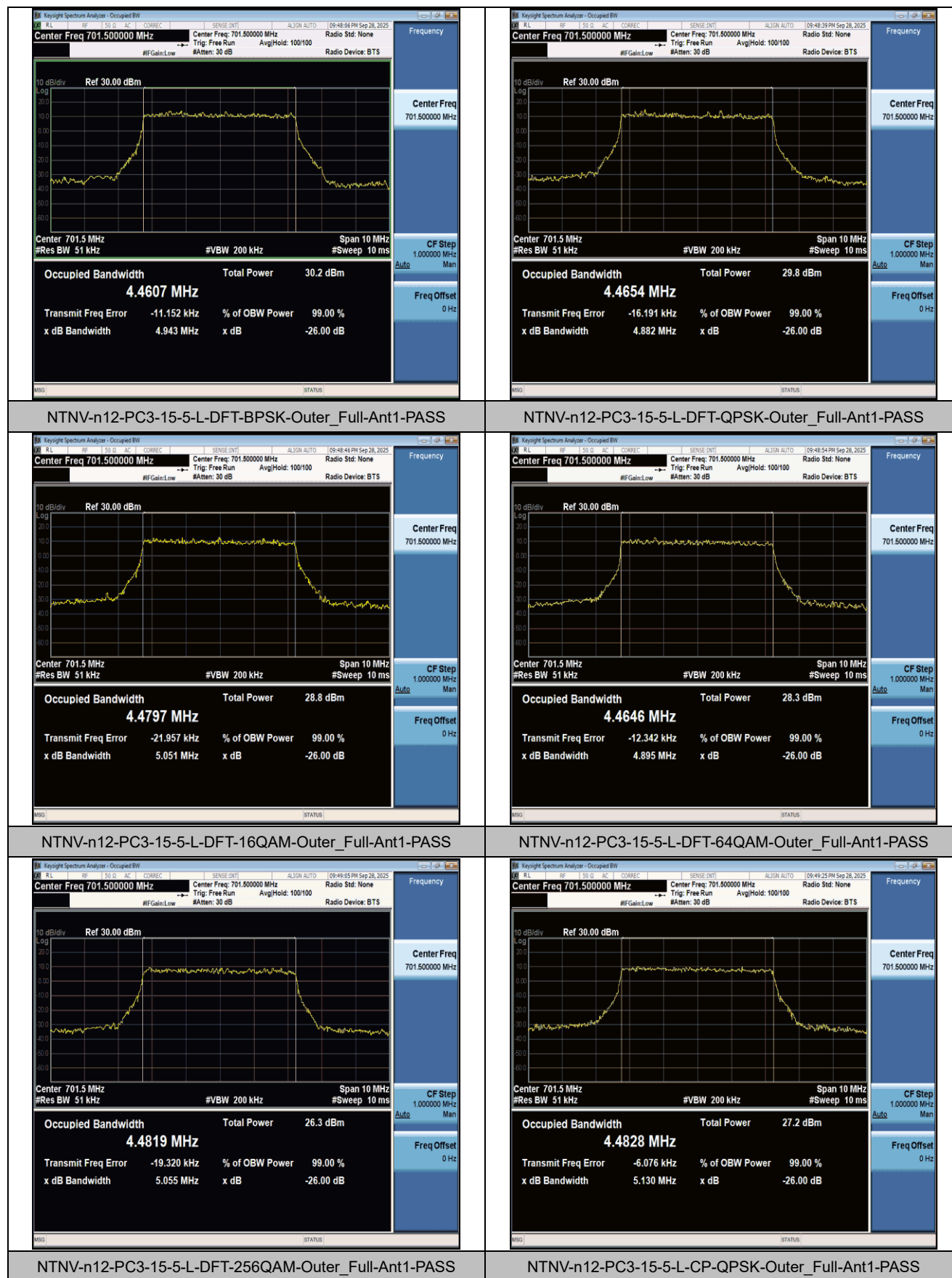


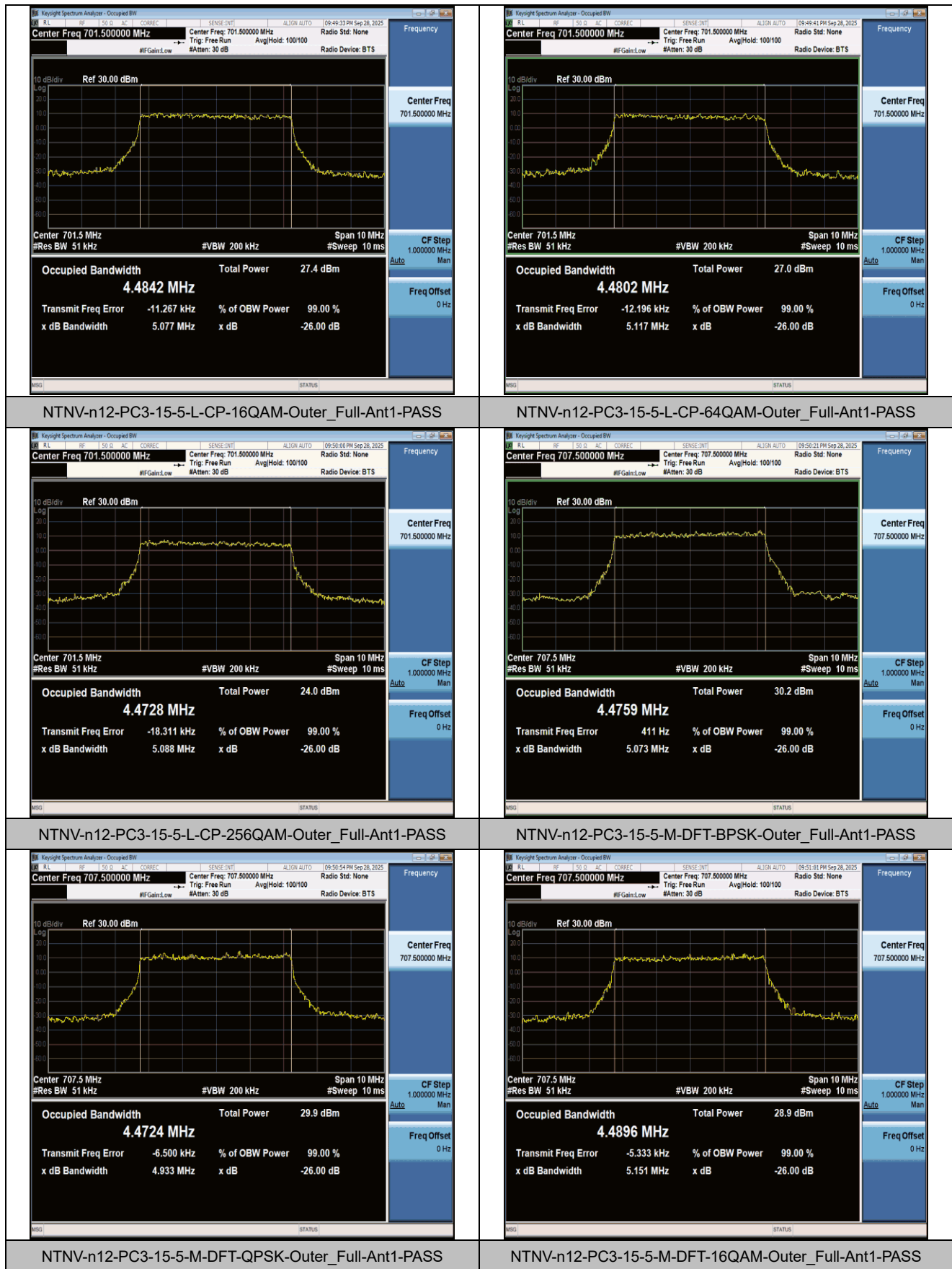
26dB Bandwidth and Occupied Bandwidth for SA**Test Result**

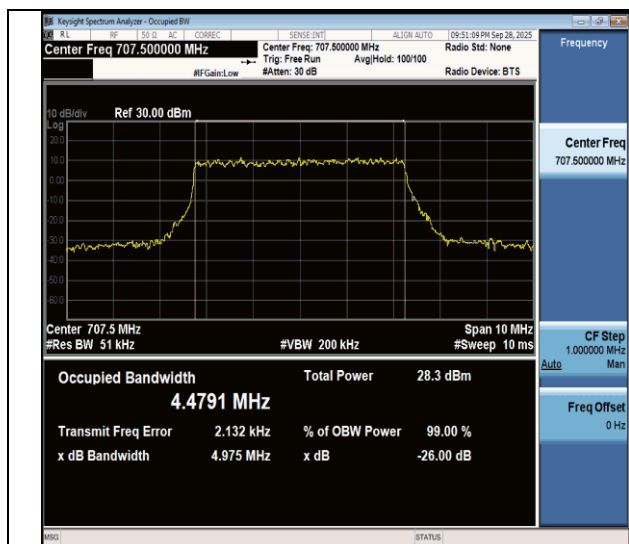
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
n12	15	5	DFT-BPSK	L	Outer_Full	4.4607	4.943	PASS
n12	15	5	DFT-QPSK	L	Outer_Full	4.4654	4.882	PASS
n12	15	5	DFT-16QAM	L	Outer_Full	4.4797	5.051	PASS
n12	15	5	DFT-64QAM	L	Outer_Full	4.4646	4.895	PASS
n12	15	5	DFT-256QAM	L	Outer_Full	4.4819	5.055	PASS
n12	15	5	CP-QPSK	L	Outer_Full	4.4828	5.130	PASS
n12	15	5	CP-16QAM	L	Outer_Full	4.4842	5.077	PASS
n12	15	5	CP-64QAM	L	Outer_Full	4.4802	5.117	PASS
n12	15	5	CP-256QAM	L	Outer_Full	4.4728	5.088	PASS
n12	15	5	DFT-BPSK	M	Outer_Full	4.4759	5.073	PASS
n12	15	5	DFT-QPSK	M	Outer_Full	4.4724	4.933	PASS
n12	15	5	DFT-16QAM	M	Outer_Full	4.4896	5.151	PASS
n12	15	5	DFT-64QAM	M	Outer_Full	4.4791	4.975	PASS
n12	15	5	DFT-256QAM	M	Outer_Full	4.4831	4.956	PASS
n12	15	5	CP-QPSK	M	Outer_Full	4.4968	5.111	PASS
n12	15	5	CP-16QAM	M	Outer_Full	4.4848	5.115	PASS
n12	15	5	CP-64QAM	M	Outer_Full	4.4885	5.062	PASS
n12	15	5	CP-256QAM	M	Outer_Full	4.4799	5.151	PASS
n12	15	5	DFT-BPSK	H	Outer_Full	4.4646	4.991	PASS
n12	15	5	DFT-QPSK	H	Outer_Full	4.4635	4.820	PASS
n12	15	5	DFT-16QAM	H	Outer_Full	4.4701	5.018	PASS
n12	15	5	DFT-64QAM	H	Outer_Full	4.4677	4.944	PASS
n12	15	5	DFT-256QAM	H	Outer_Full	4.4684	4.943	PASS
n12	15	5	CP-QPSK	H	Outer_Full	4.4754	4.984	PASS
n12	15	5	CP-16QAM	H	Outer_Full	4.4708	5.017	PASS
n12	15	5	CP-64QAM	H	Outer_Full	4.4753	5.088	PASS
n12	15	5	CP-256QAM	H	Outer_Full	4.4753	5.139	PASS
n12	15	10	DFT-BPSK	L	Outer_Full	8.9193	9.609	PASS
n12	15	10	DFT-QPSK	L	Outer_Full	8.9358	9.652	PASS
n12	15	10	DFT-16QAM	L	Outer_Full	8.9534	9.683	PASS
n12	15	10	DFT-64QAM	L	Outer_Full	8.9521	9.570	PASS
n12	15	10	DFT-256QAM	L	Outer_Full	8.9431	9.690	PASS
n12	15	10	CP-QPSK	L	Outer_Full	9.2944	10.09	PASS
n12	15	10	CP-16QAM	L	Outer_Full	9.2927	10.14	PASS
n12	15	10	CP-64QAM	L	Outer_Full	9.2906	9.969	PASS
n12	15	10	CP-256QAM	L	Outer_Full	9.3007	10.06	PASS
n12	15	10	DFT-BPSK	M	Outer_Full	8.9162	9.576	PASS
n12	15	10	DFT-QPSK	M	Outer_Full	8.9432	9.668	PASS
n12	15	10	DFT-16QAM	M	Outer_Full	8.9501	9.616	PASS

n12	15	10	DFT-64QAM	M	Outer_Full	8.9398	9.603	PASS
n12	15	10	DFT-256QAM	M	Outer_Full	8.9265	9.551	PASS
n12	15	10	CP-QPSK	M	Outer_Full	9.2891	9.992	PASS
n12	15	10	CP-16QAM	M	Outer_Full	9.2786	10.09	PASS
n12	15	10	CP-64QAM	M	Outer_Full	9.2838	10.12	PASS
n12	15	10	CP-256QAM	M	Outer_Full	9.3067	10.02	PASS
n12	15	10	DFT-BPSK	H	Outer_Full	8.8728	9.556	PASS
n12	15	10	DFT-QPSK	H	Outer_Full	8.8956	9.666	PASS
n12	15	10	DFT-16QAM	H	Outer_Full	8.9130	9.596	PASS
n12	15	10	DFT-64QAM	H	Outer_Full	8.9067	9.565	PASS
n12	15	10	DFT-256QAM	H	Outer_Full	8.8759	9.538	PASS
n12	15	10	CP-QPSK	H	Outer_Full	9.2458	10.04	PASS
n12	15	10	CP-16QAM	H	Outer_Full	9.2377	9.966	PASS
n12	15	10	CP-64QAM	H	Outer_Full	9.2317	9.928	PASS
n12	15	10	CP-256QAM	H	Outer_Full	9.2697	10.03	PASS
n12	15	15	DFT-BPSK	L	Outer_Full	13.418	14.37	PASS
n12	15	15	DFT-QPSK	L	Outer_Full	13.409	14.23	PASS
n12	15	15	DFT-16QAM	L	Outer_Full	13.437	14.36	PASS
n12	15	15	DFT-64QAM	L	Outer_Full	13.422	14.35	PASS
n12	15	15	DFT-256QAM	L	Outer_Full	13.444	14.28	PASS
n12	15	15	CP-QPSK	L	Outer_Full	14.124	15.01	PASS
n12	15	15	CP-16QAM	L	Outer_Full	14.109	15.07	PASS
n12	15	15	CP-64QAM	L	Outer_Full	14.139	15.00	PASS
n12	15	15	CP-256QAM	L	Outer_Full	14.094	15.07	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	13.401	14.30	PASS
n12	15	15	DFT-QPSK	M	Outer_Full	13.414	14.34	PASS
n12	15	15	DFT-16QAM	M	Outer_Full	13.425	14.39	PASS
n12	15	15	DFT-64QAM	M	Outer_Full	13.402	14.25	PASS
n12	15	15	DFT-256QAM	M	Outer_Full	13.426	14.22	PASS
n12	15	15	CP-QPSK	M	Outer_Full	14.094	14.91	PASS
n12	15	15	CP-16QAM	M	Outer_Full	14.114	14.96	PASS
n12	15	15	CP-64QAM	M	Outer_Full	14.110	14.99	PASS
n12	15	15	CP-256QAM	M	Outer_Full	14.105	15.13	PASS
n12	15	15	DFT-BPSK	H	Outer_Full	13.387	14.34	PASS
n12	15	15	DFT-QPSK	H	Outer_Full	13.389	14.27	PASS
n12	15	15	DFT-16QAM	H	Outer_Full	13.407	14.23	PASS
n12	15	15	DFT-64QAM	H	Outer_Full	13.381	14.24	PASS
n12	15	15	DFT-256QAM	H	Outer_Full	13.426	14.27	PASS
n12	15	15	CP-QPSK	H	Outer_Full	14.074	14.89	PASS
n12	15	15	CP-16QAM	H	Outer_Full	14.087	14.96	PASS
n12	15	15	CP-64QAM	H	Outer_Full	14.115	15.02	PASS
n12	15	15	CP-256QAM	H	Outer_Full	14.084	14.98	PASS

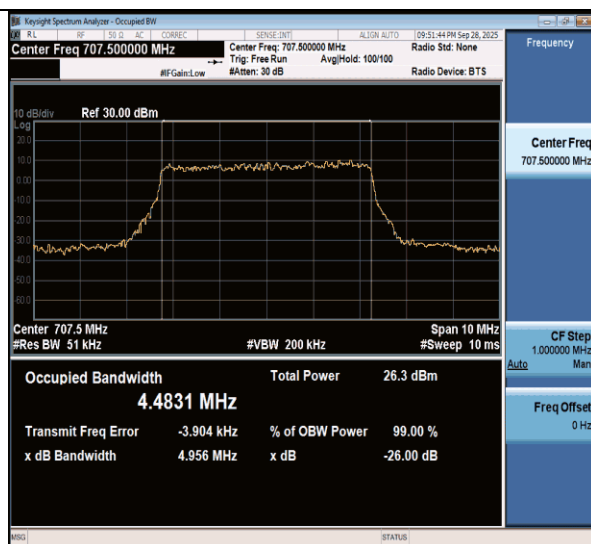
Test Graphs



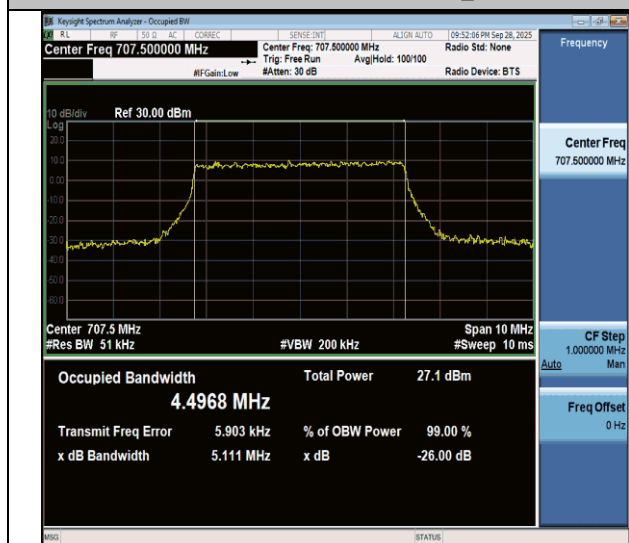




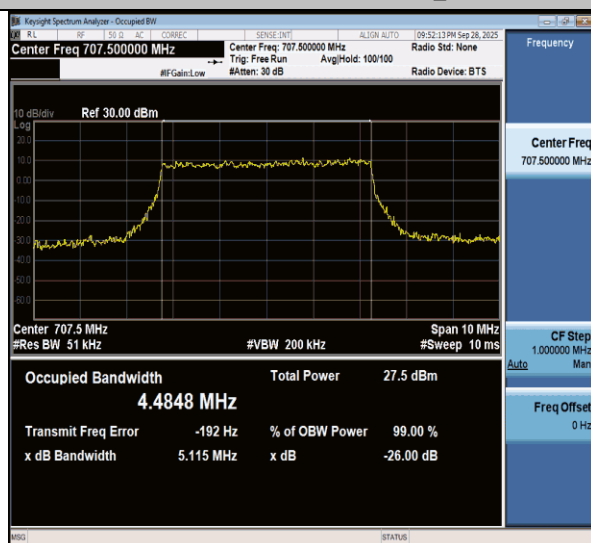
NTNV-n12-PC3-15-5-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-n12-PC3-15-5-M-DFT-256QAM-Outer_Full-Ant1-PASS



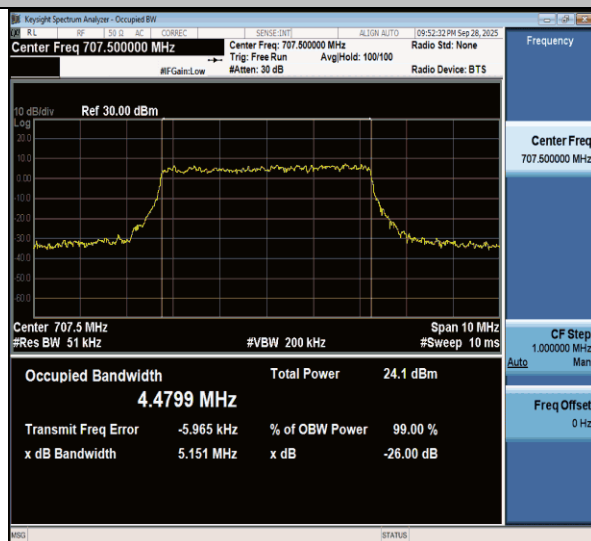
NTNV-n12-PC3-15-5-M-CP-QPSK-Outer_Full-Ant1-PASS



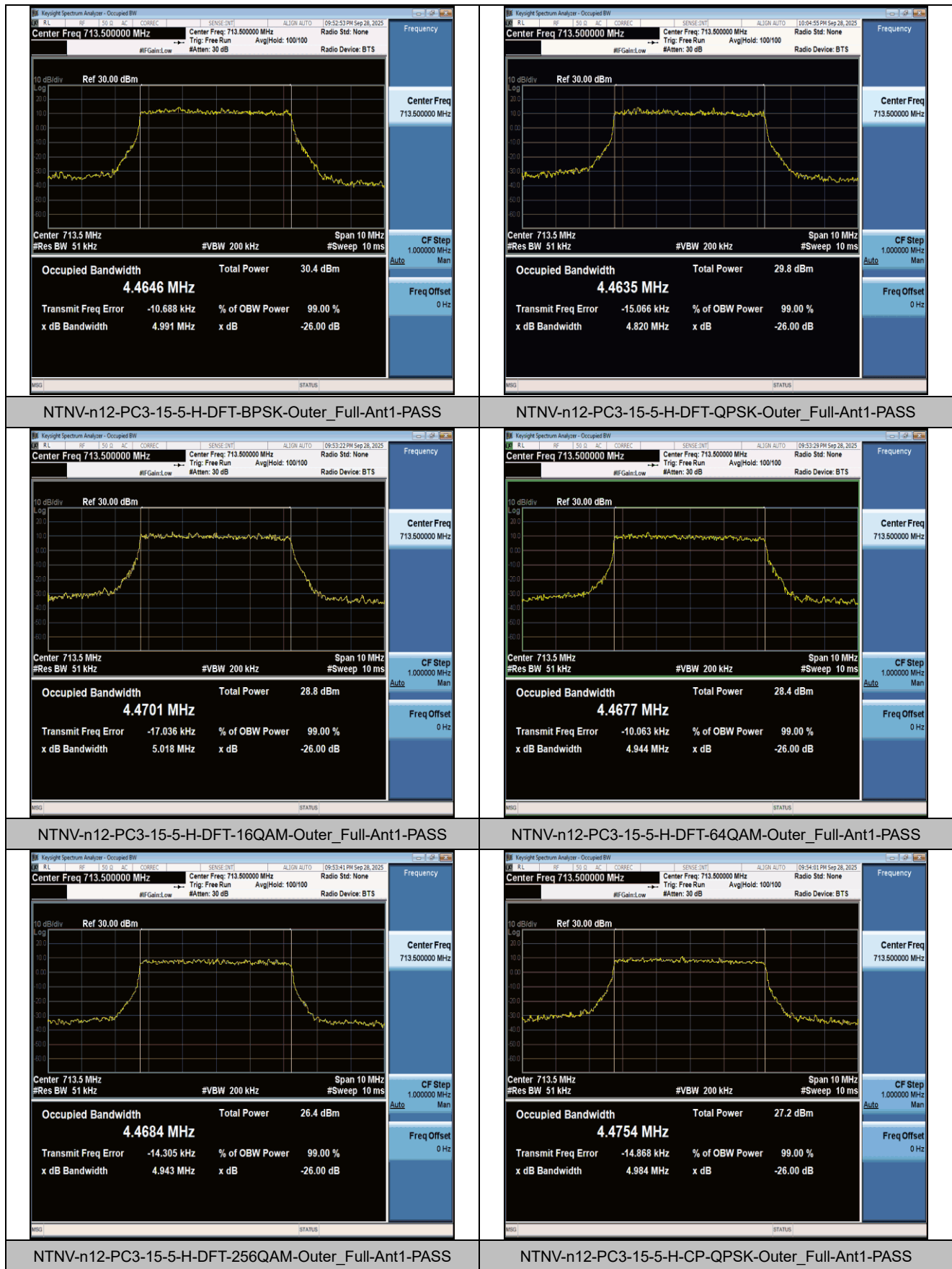
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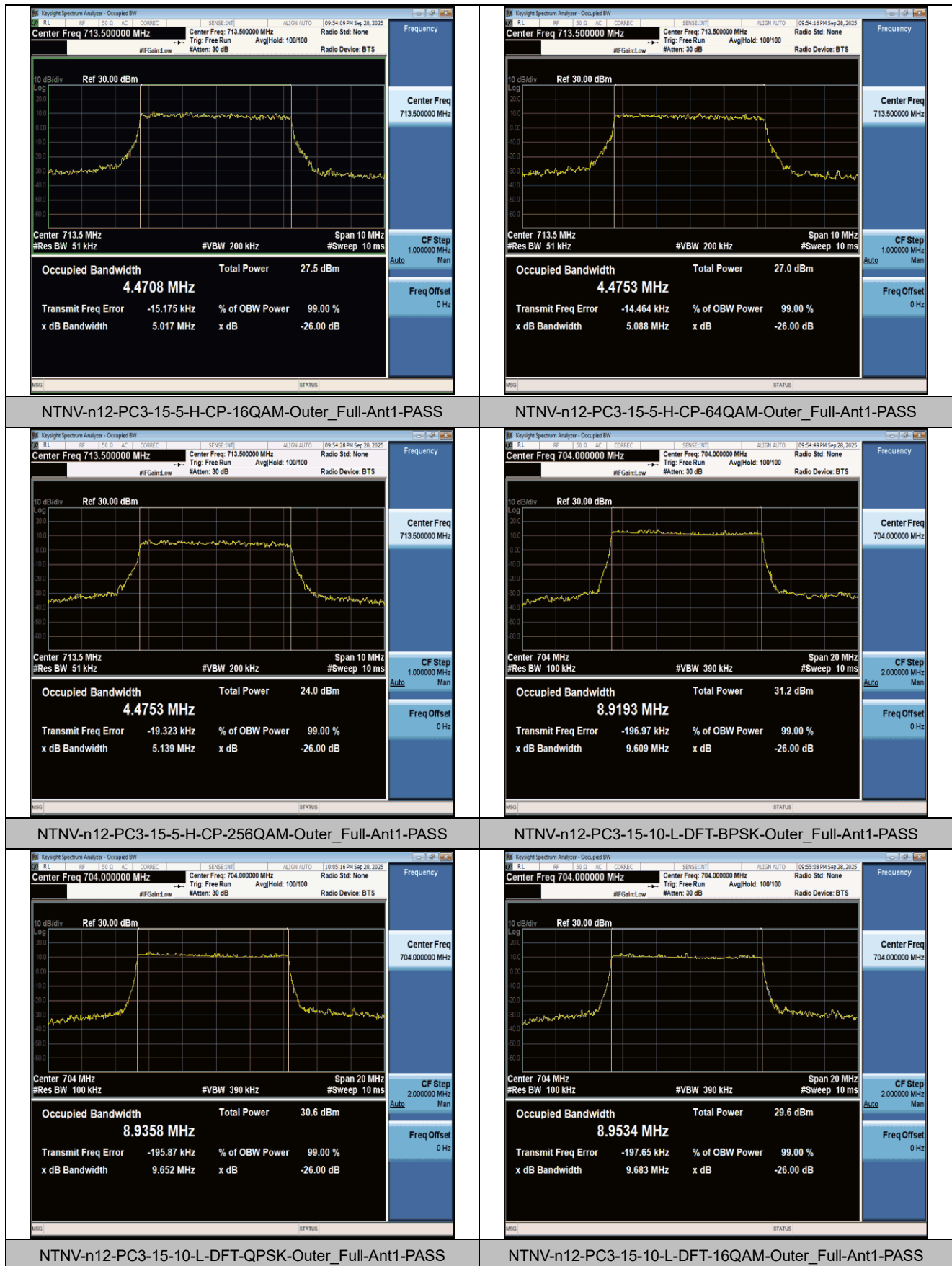


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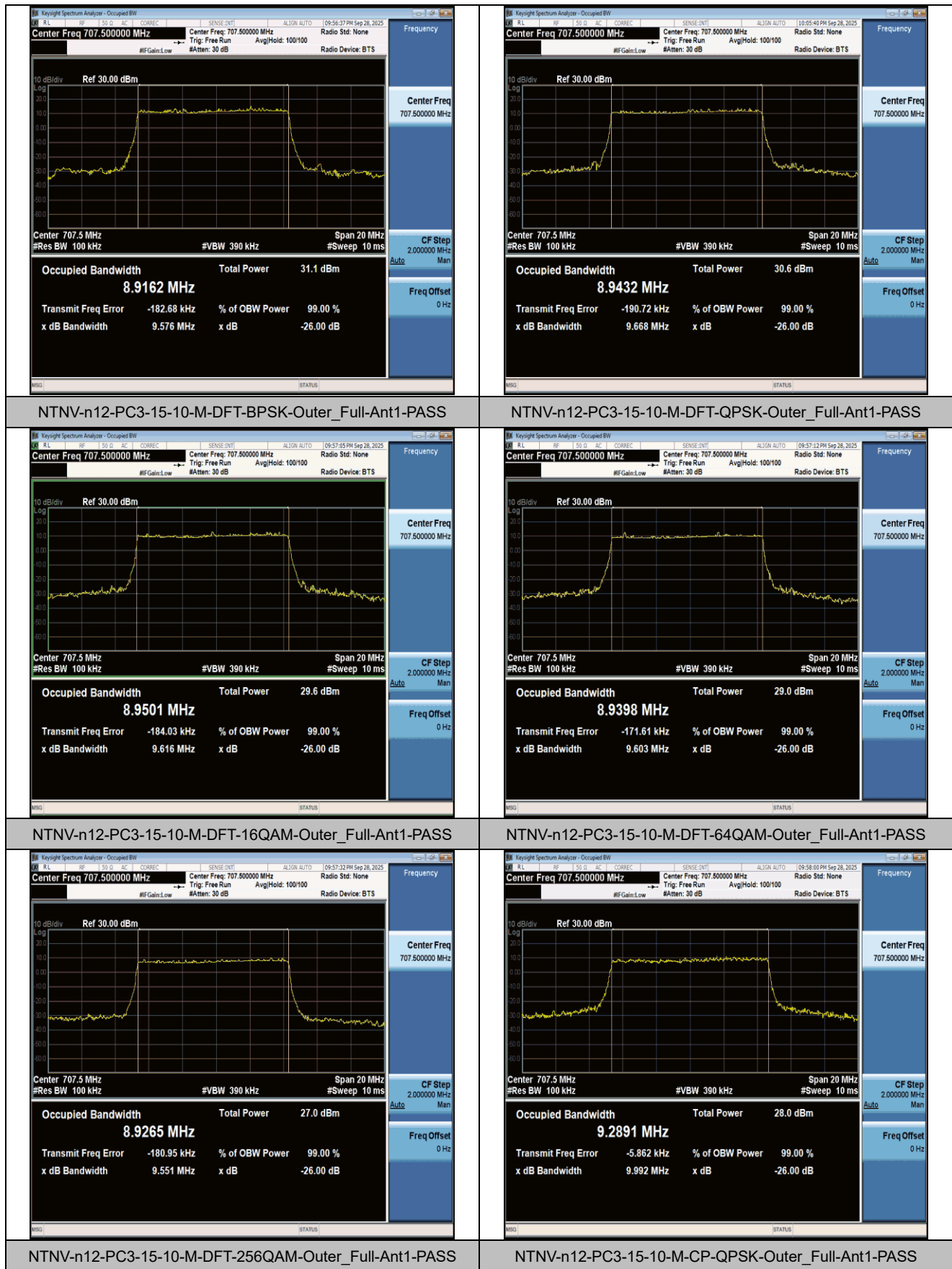


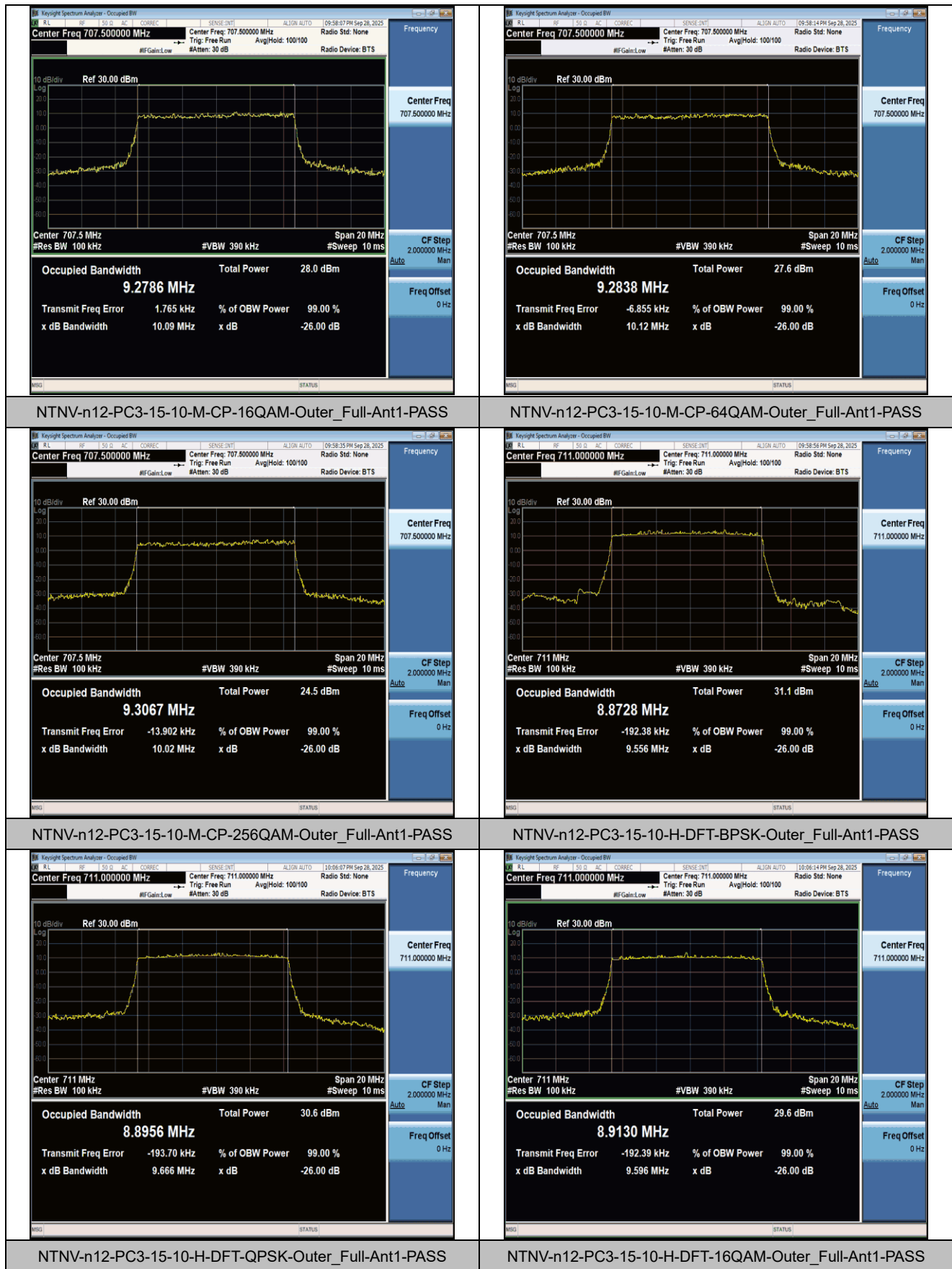
NTNV-n12-PC3-15-5-M-CP-256QAM-Outer_Full-Ant1-PASS

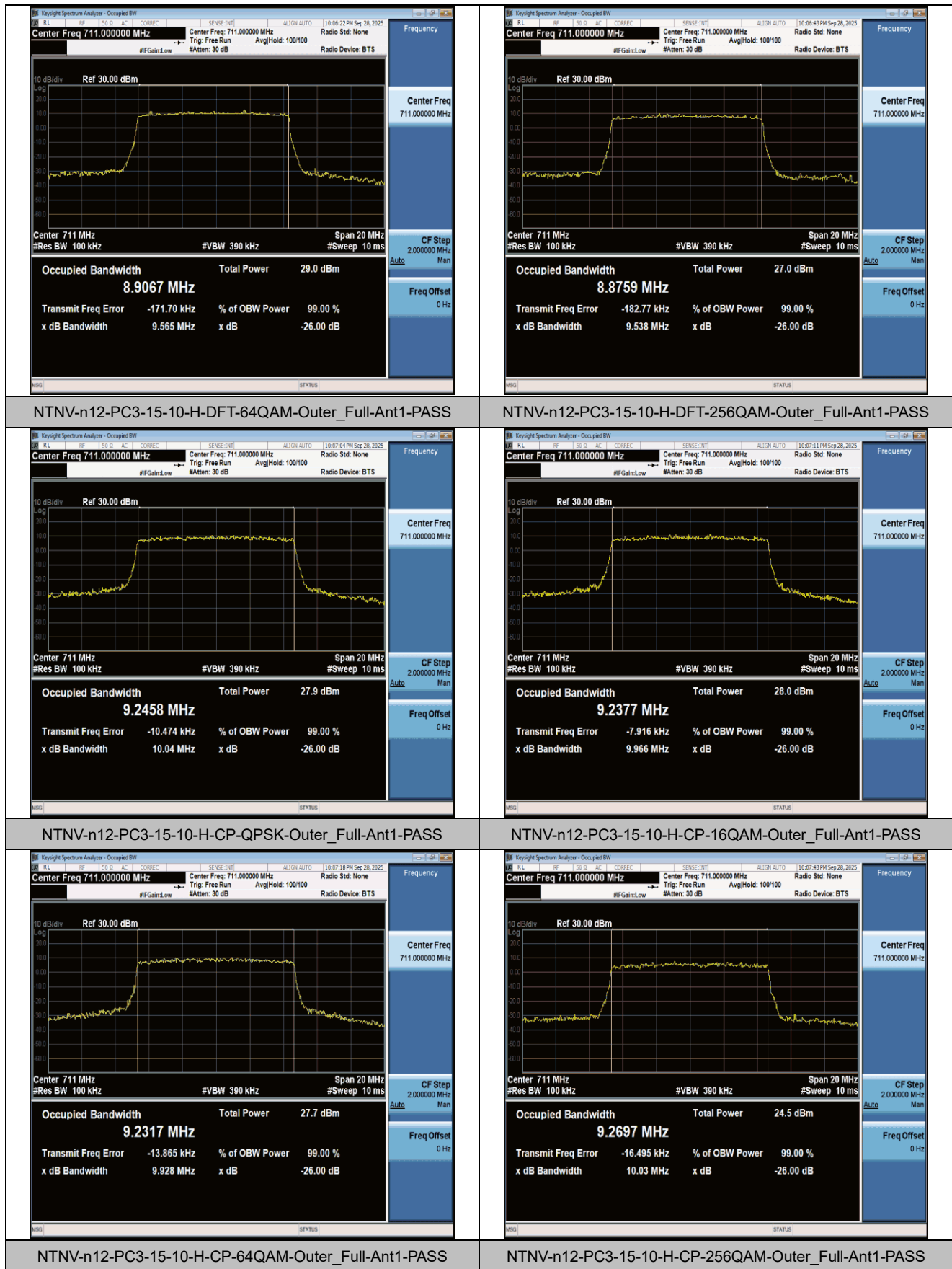


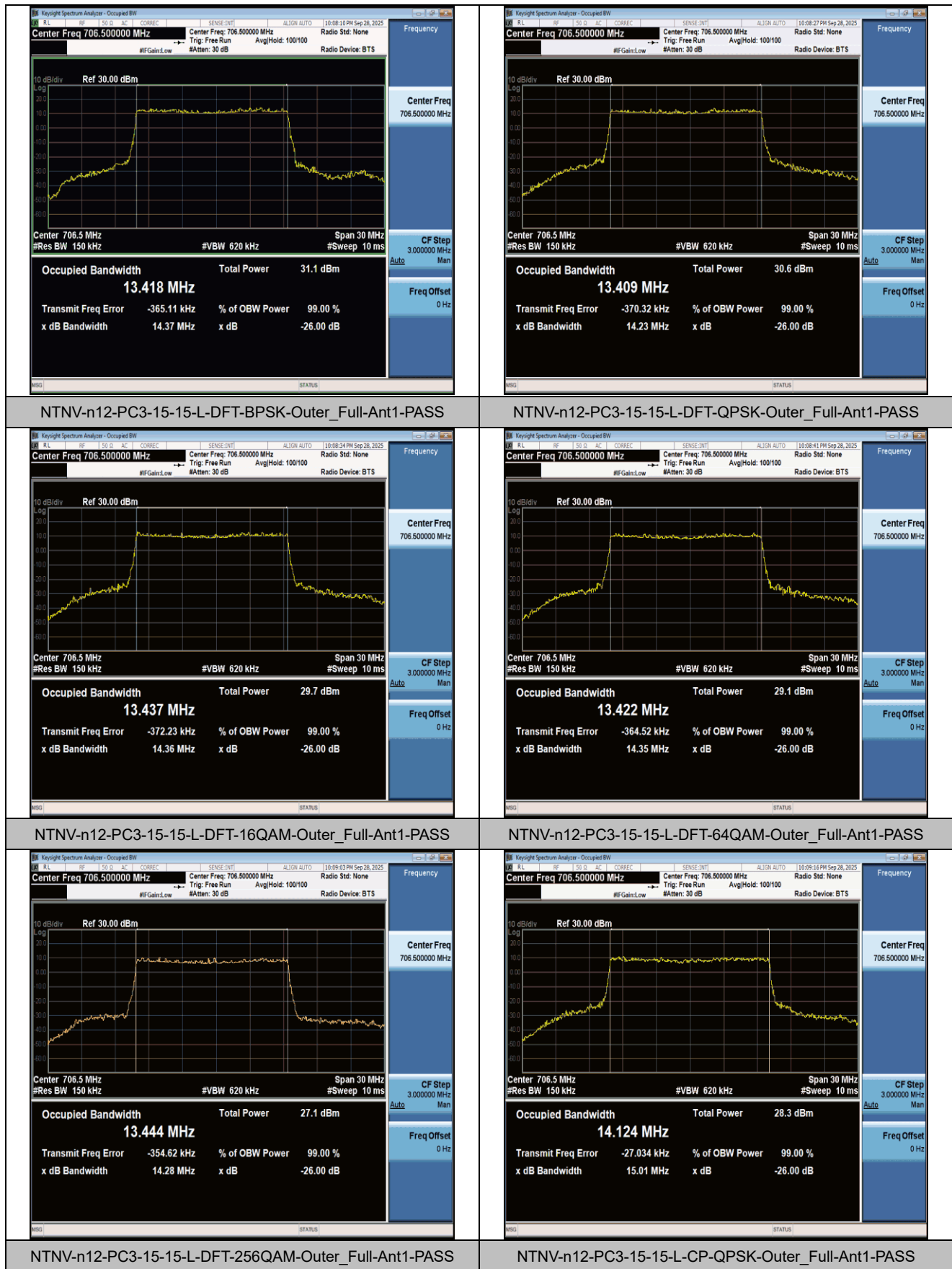


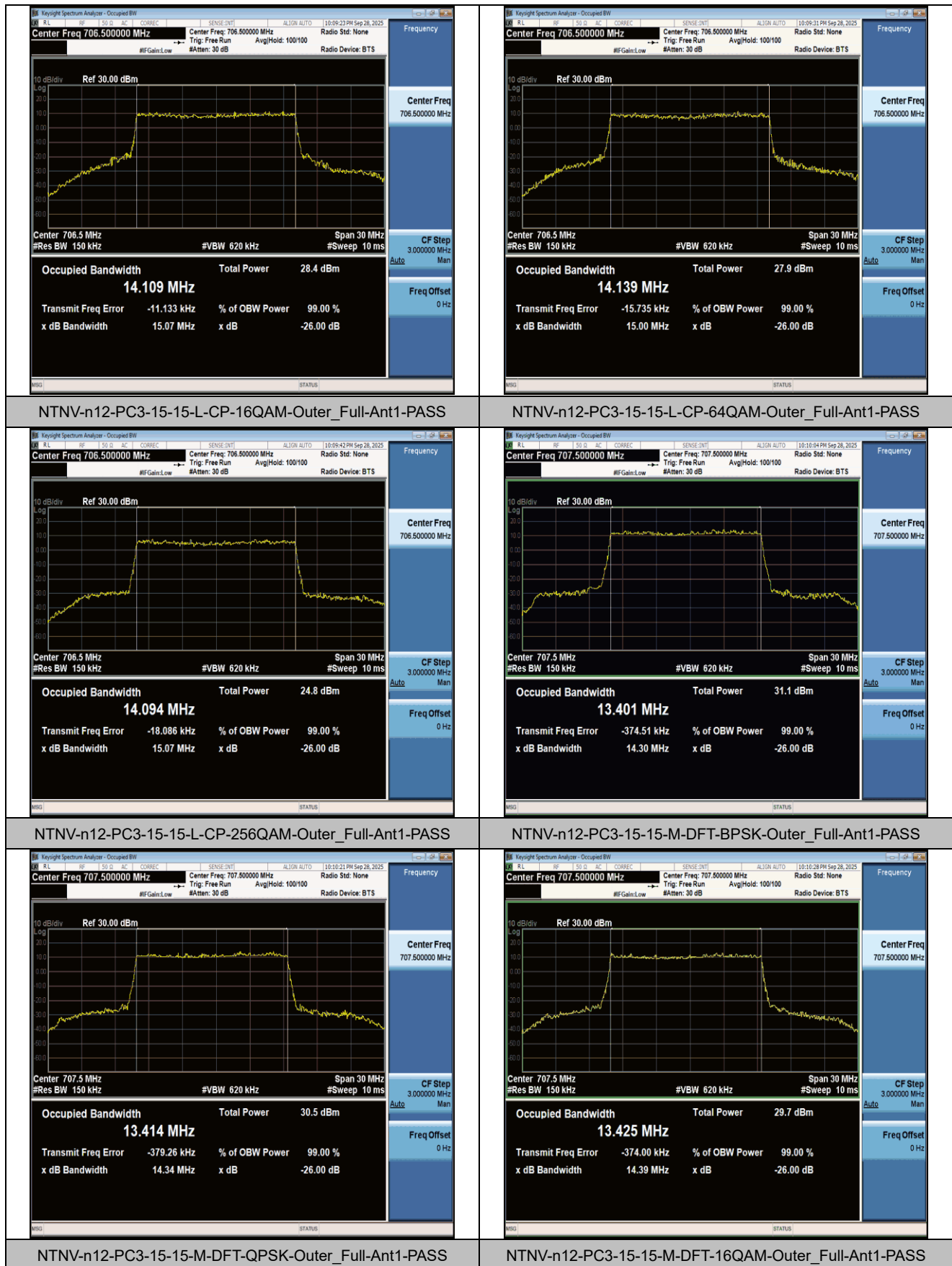


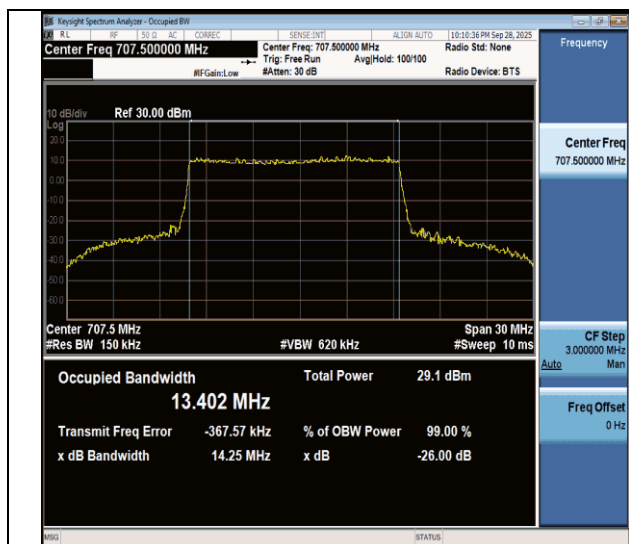




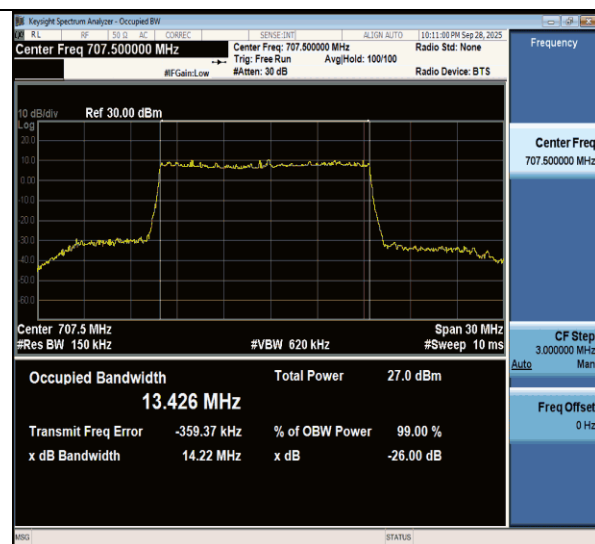








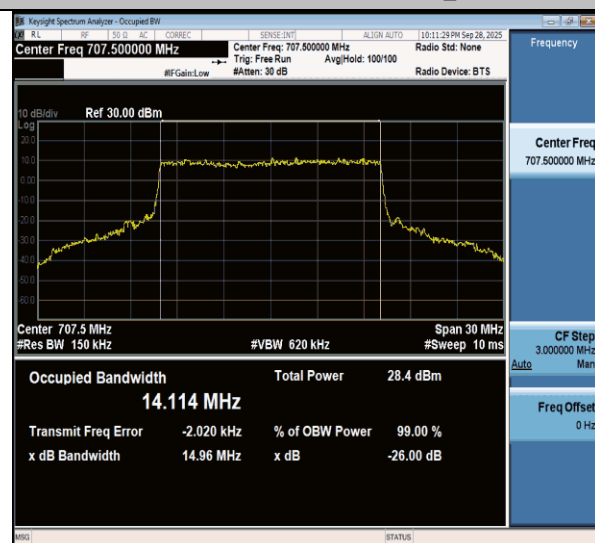
NTVN-n12-PC3-15-15-M-DFT-64QAM-Outer_Full-Ant1-PASS



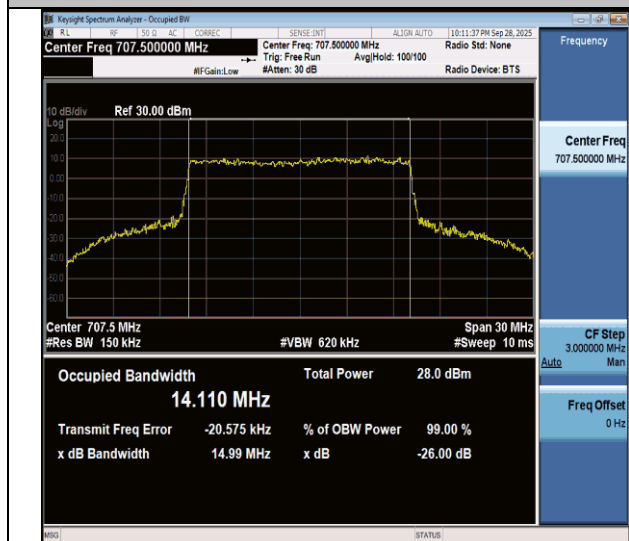
NTVN-n12-PC3-15-15-M-DFT-256QAM-Outer_Full-Ant1-PASS



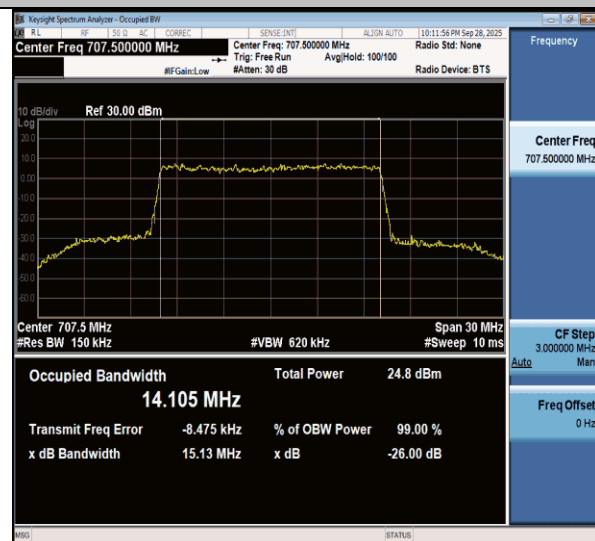
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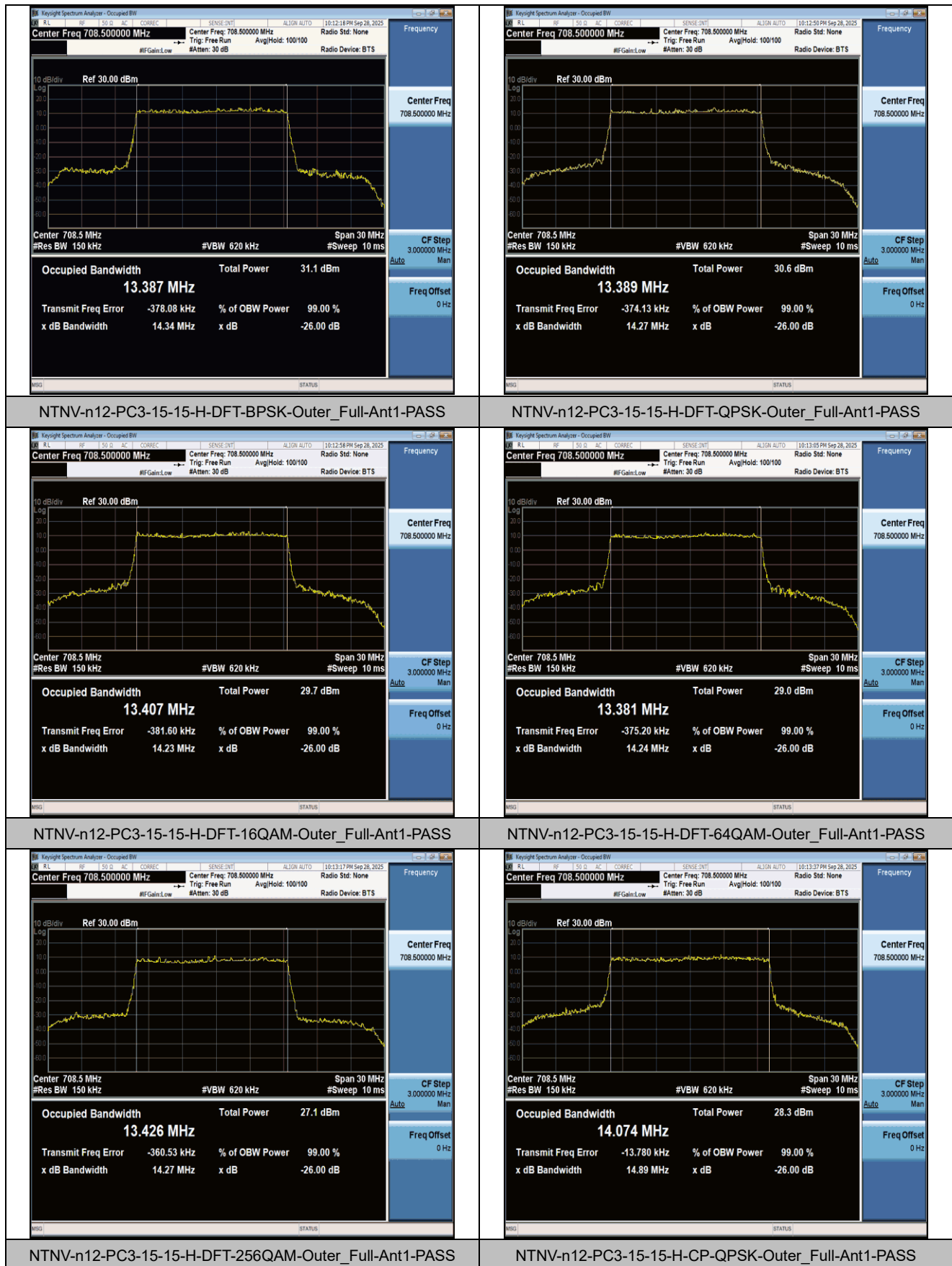
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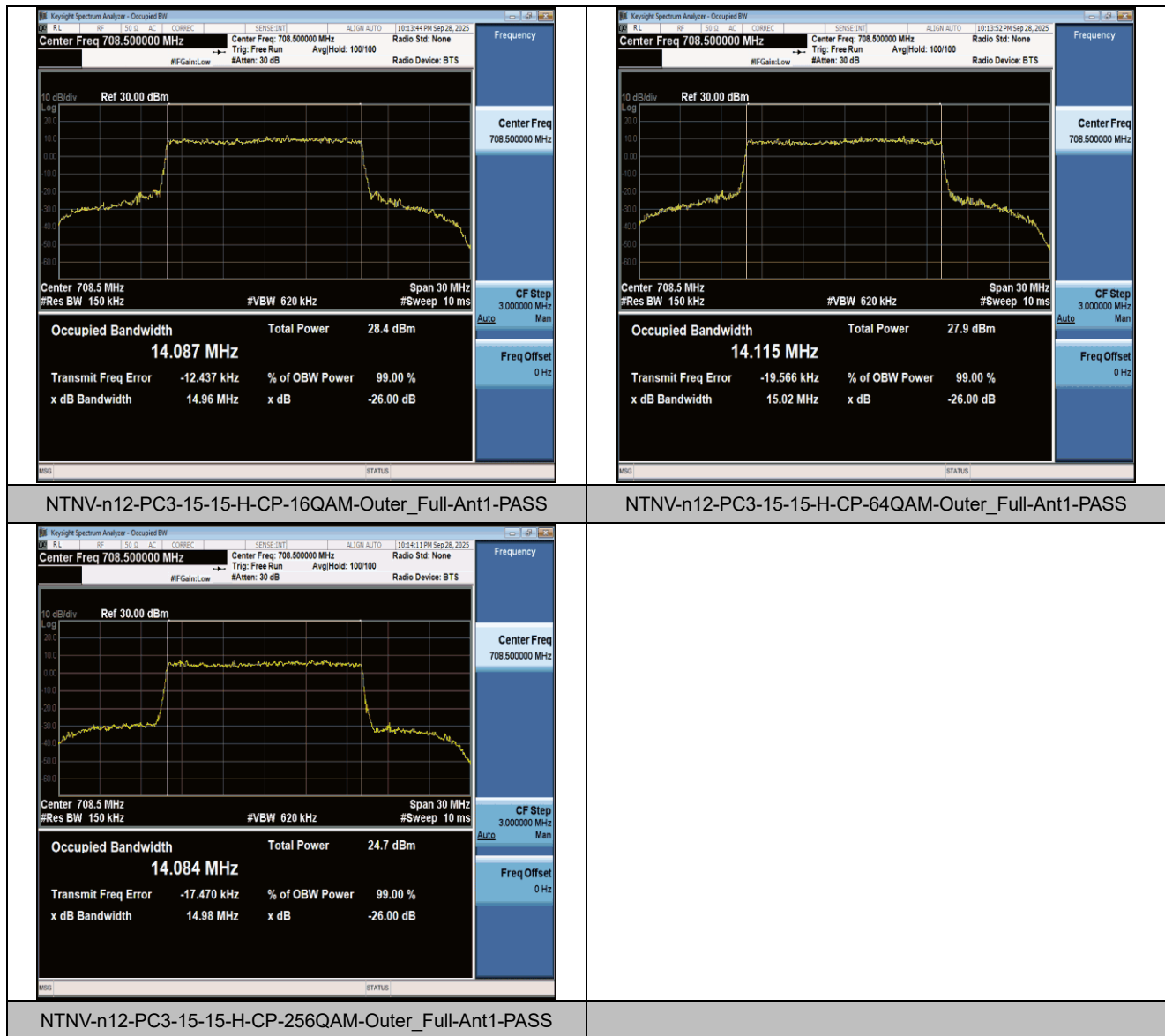


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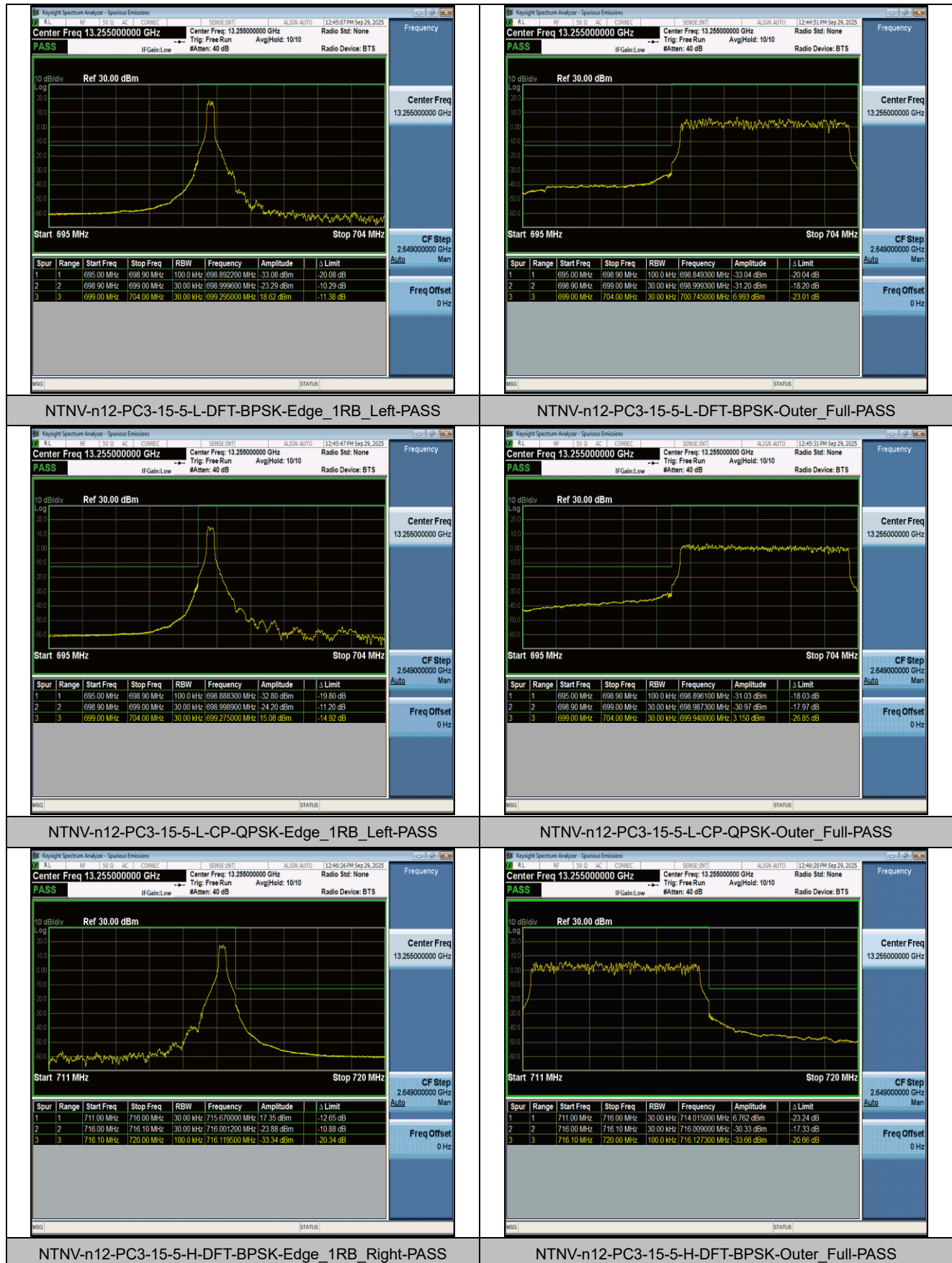
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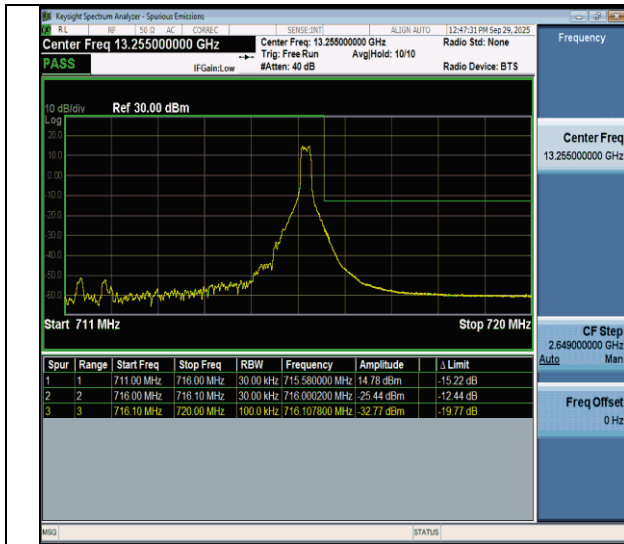




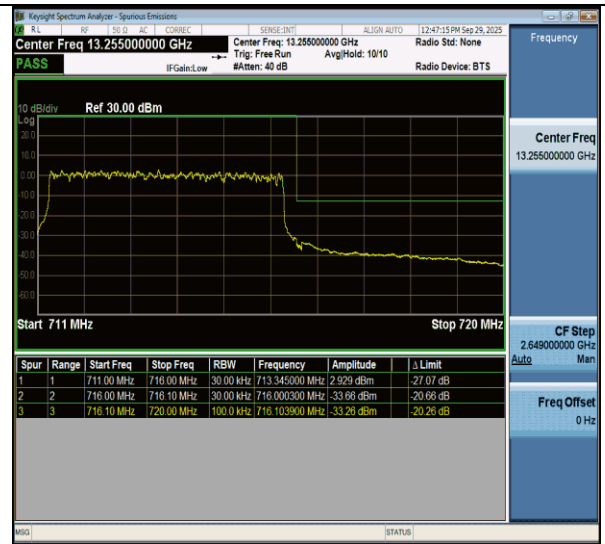
Band Edge for SA

Test Graphs

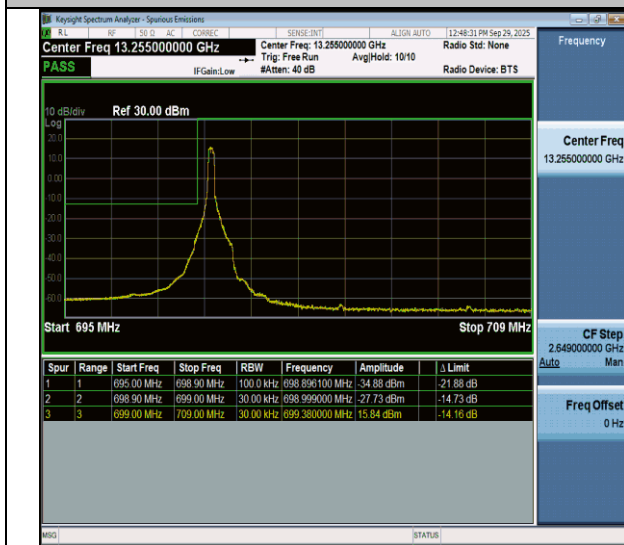




NTVN-n12-PC3-15-5-H-CP-QPSK-Edge_1RB_Right-PASS



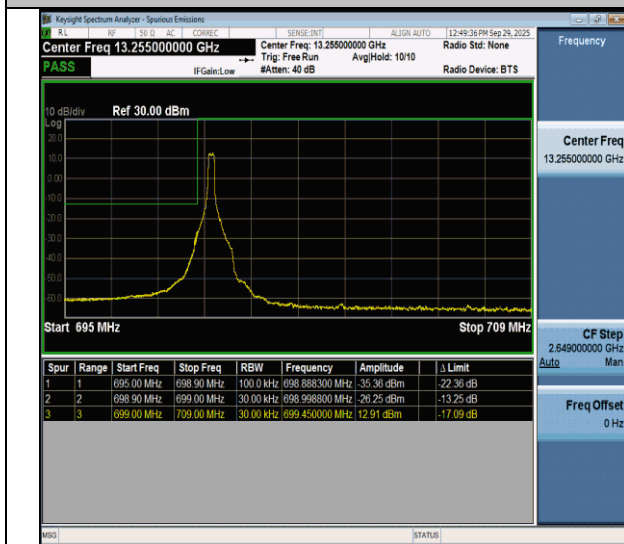
NTVN-n12-PC3-15-5-H-CP-QPSK-Outer_Full-PASS



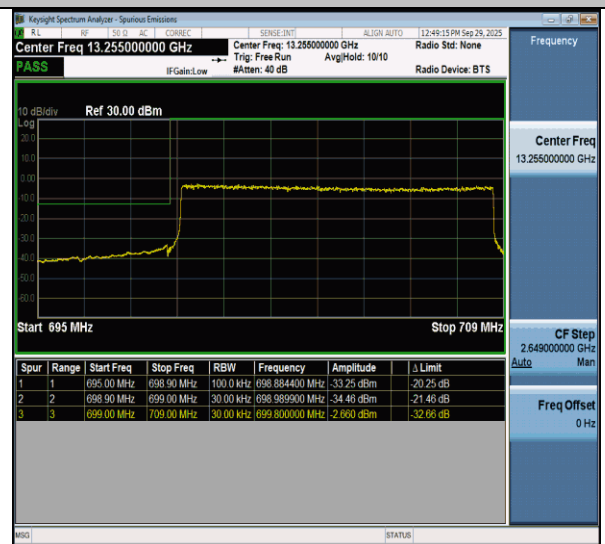
NTVN-n12-PC3-15-10-L-DFT-BPSK-Edge_1RB_Left-PASS



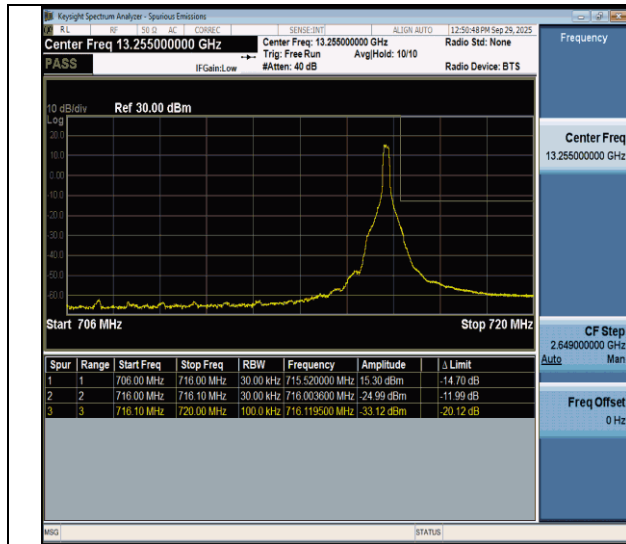
NTVN-n12-PC3-15-10-L-DFT-BPSK-Outer_Full-PASS



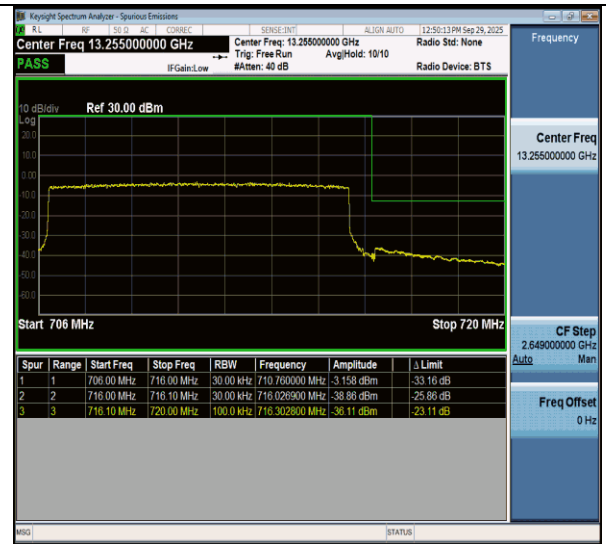
NTVN-n12-PC3-15-10-L-CP-QPSK-Edge_1RB_Left-PASS



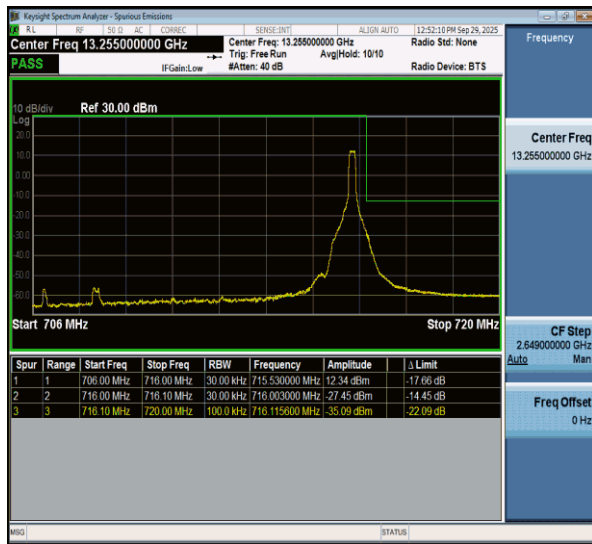
NTVN-n12-PC3-15-10-L-CP-QPSK-Outer_Full-PASS



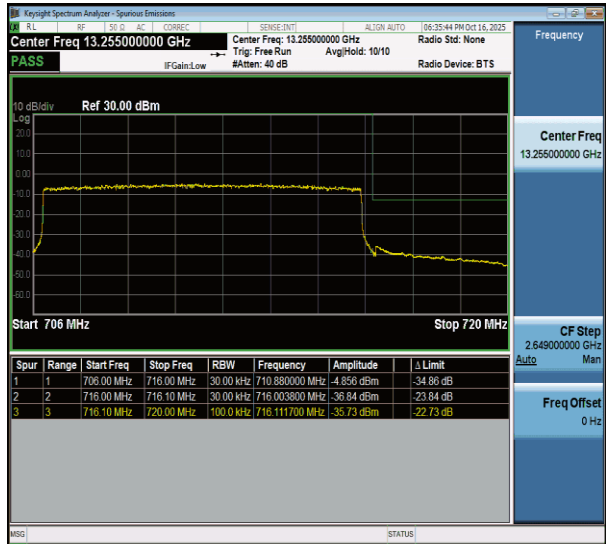
NTNV-n12-PC3-15-10-H-DFT-BPSK-Edge_1RB_Right-PASS



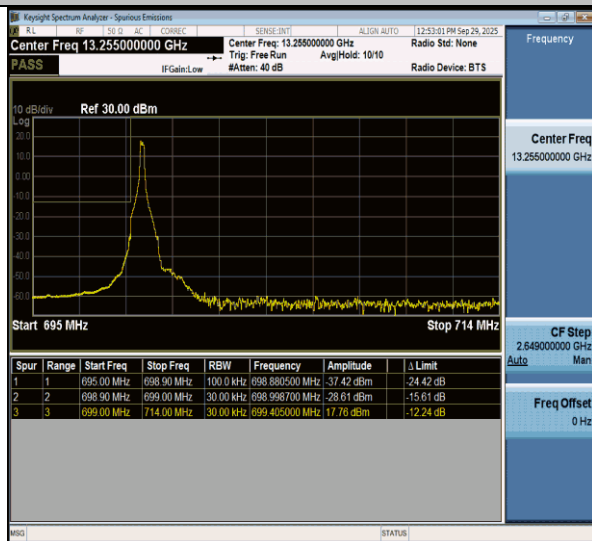
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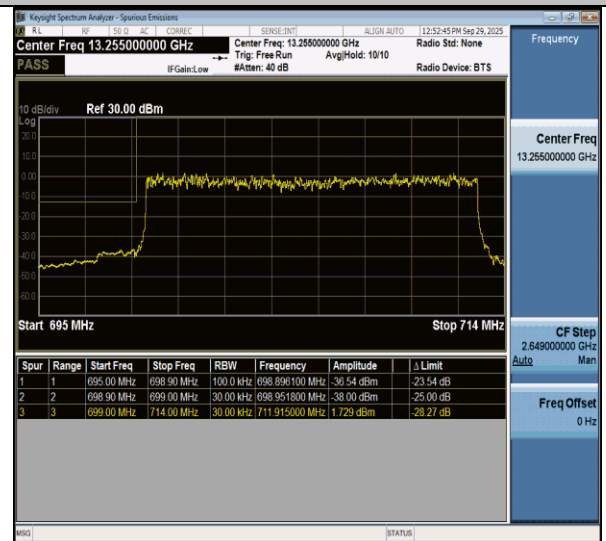
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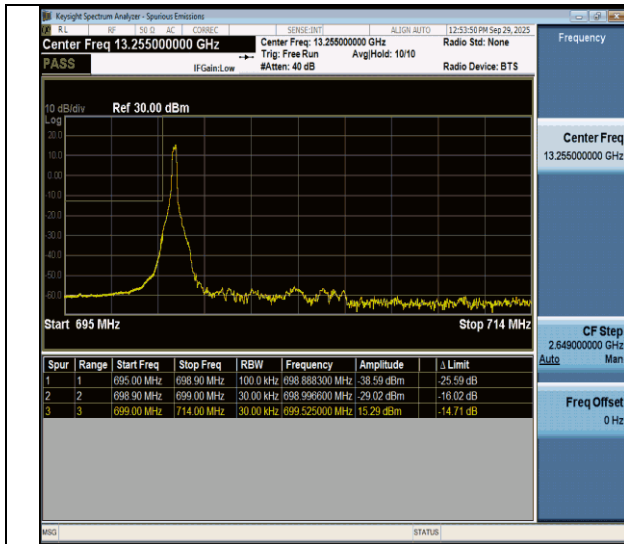
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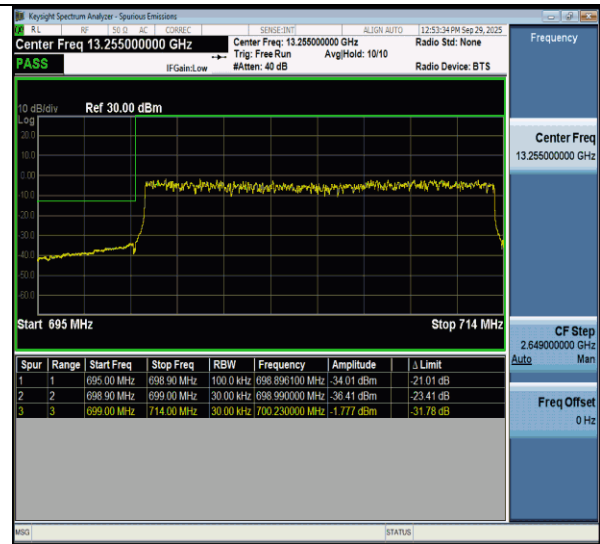
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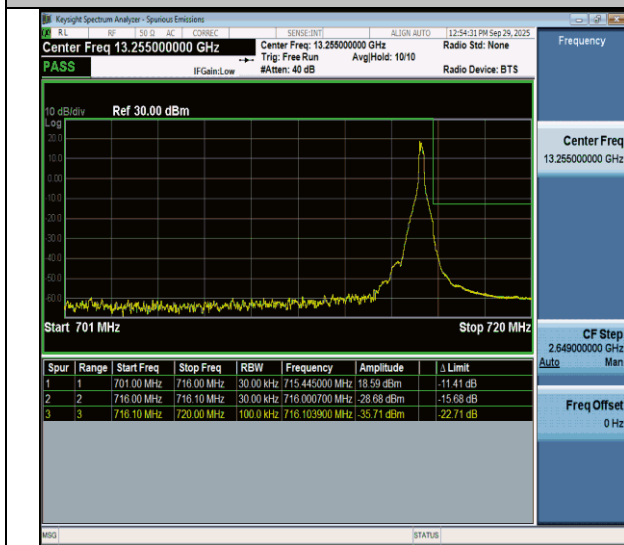
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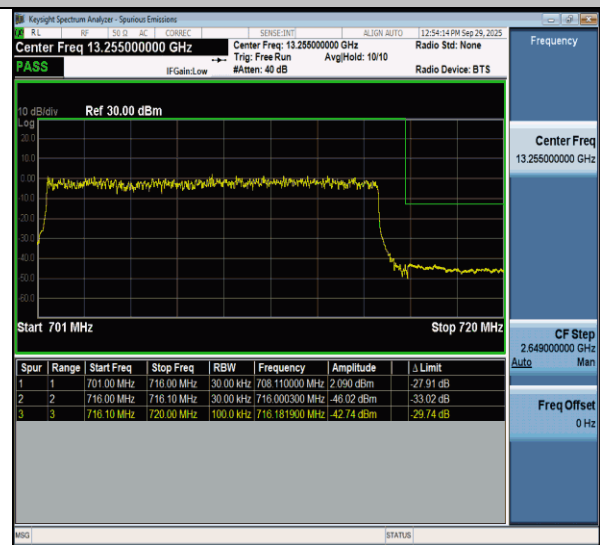
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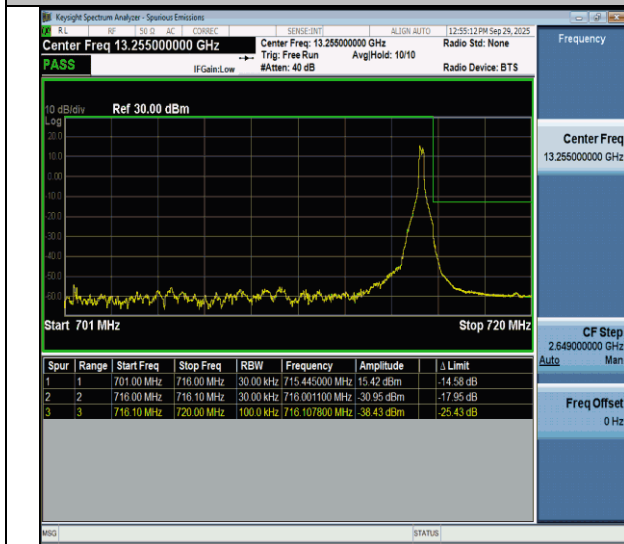
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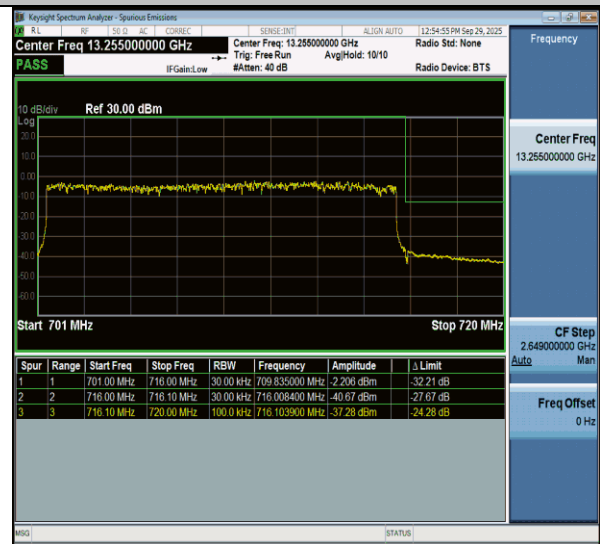
NTVN-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Right-PASS



NTVN-n12-PC3-15-15-H-DFT-BPSK-Outer_Full-PASS



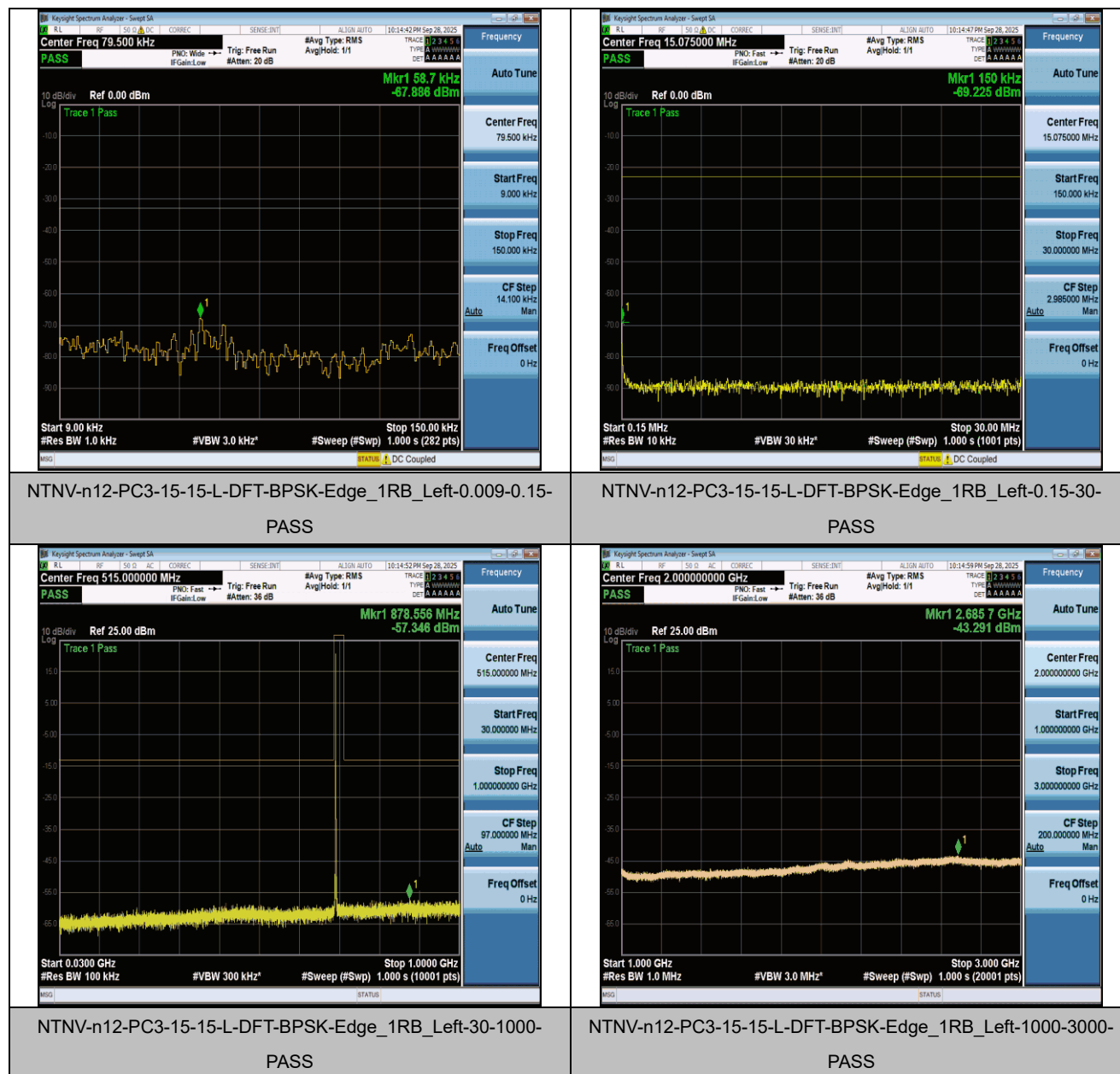
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NTVN-n12-PC3-15-15-H-CP-QPSK-Outer_Full-PASS

Conducted Spurious Emission for SA

Test Graphs

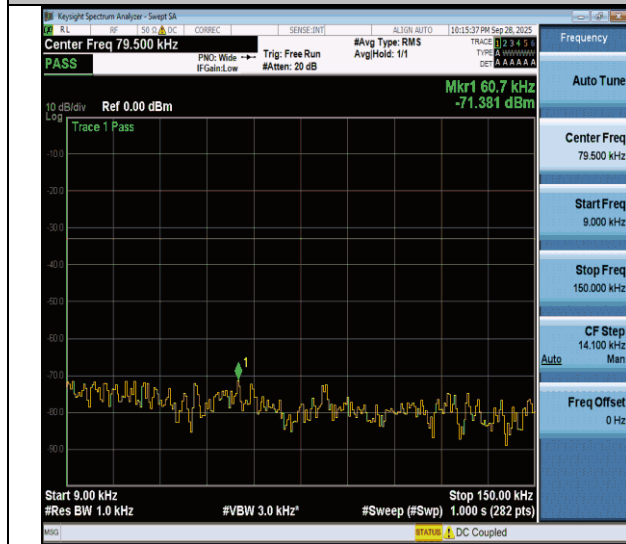




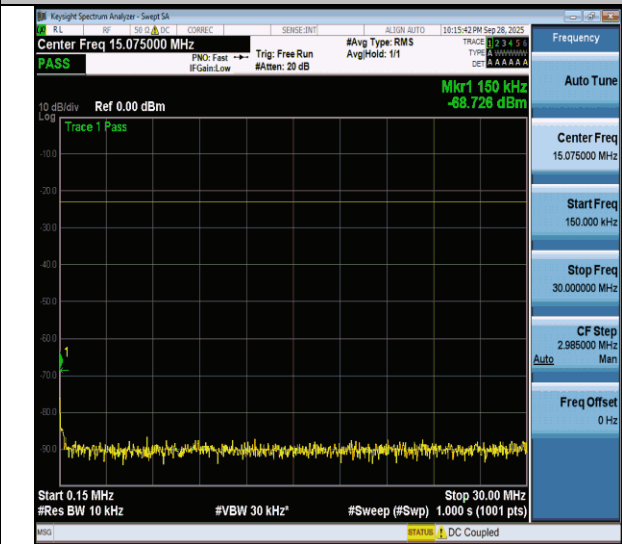
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PASS



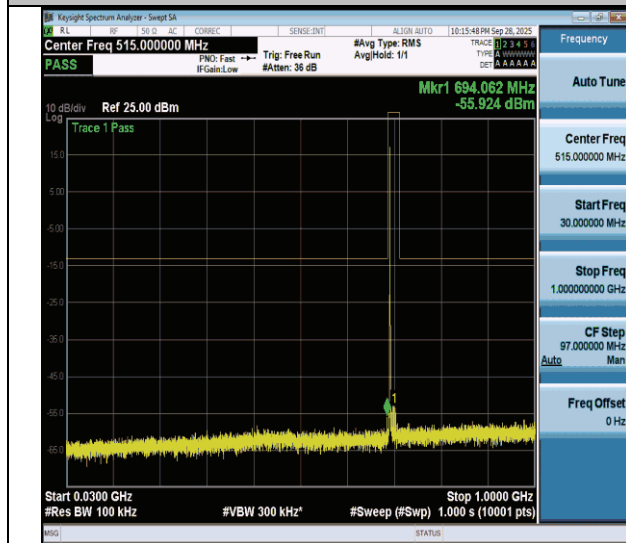
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20000-PASS



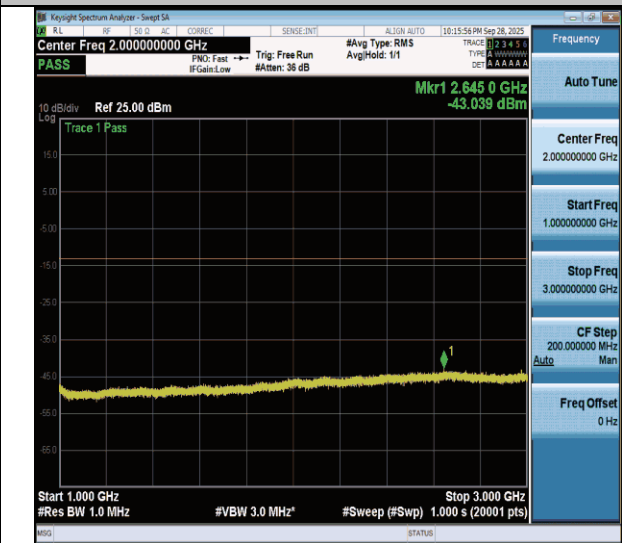
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PASS



NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-0.15-30-
PASS



NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-1000-3000-
PASS



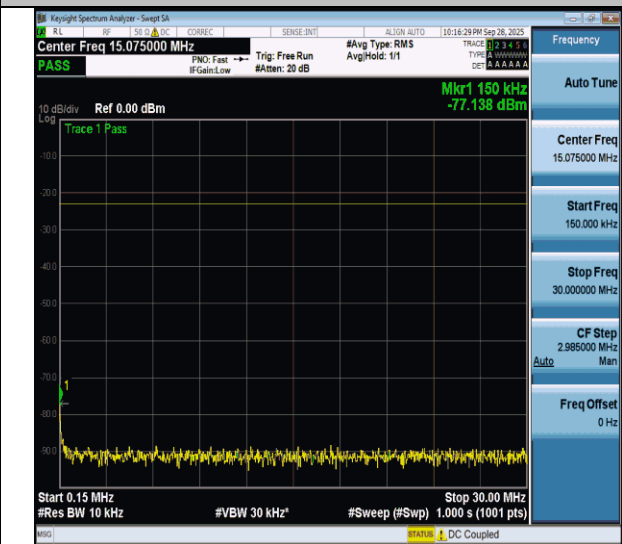
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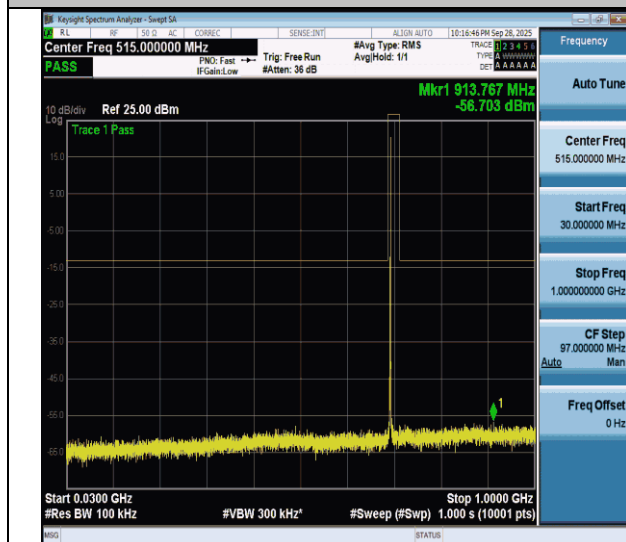
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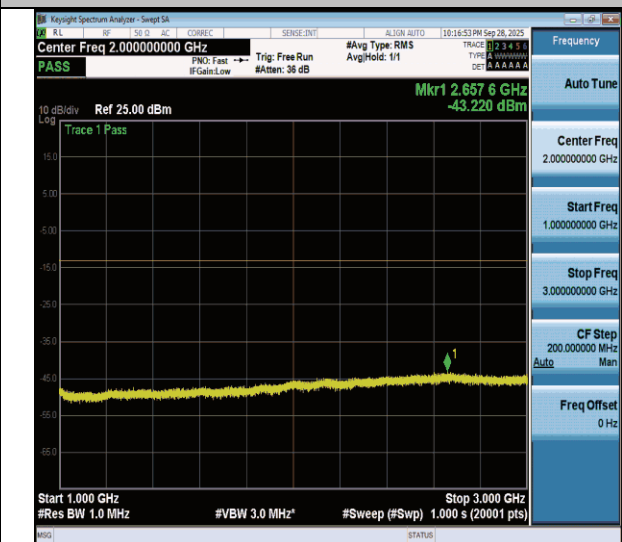
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NTNV-n12-PC3-15-15-M-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASS



NTNV-n12-PC3-15-15-M-DFT-BPSK-Edge_1RB_Left-30-1000-
PASS



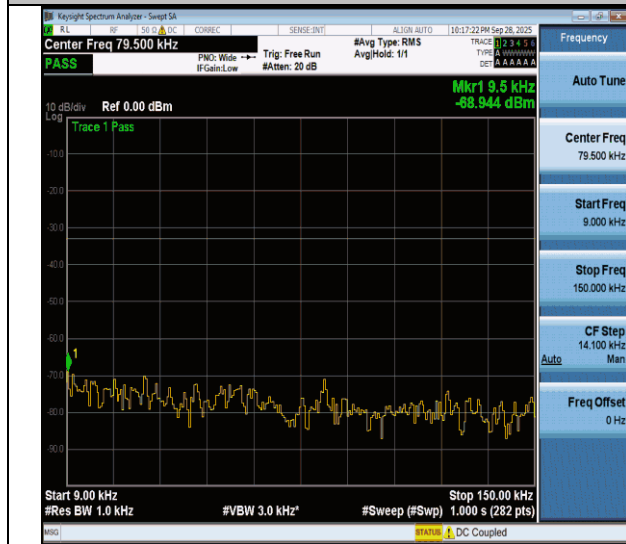
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PASS



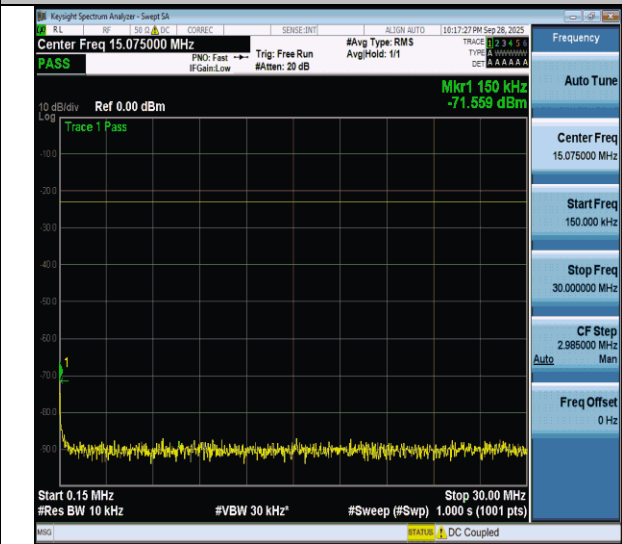
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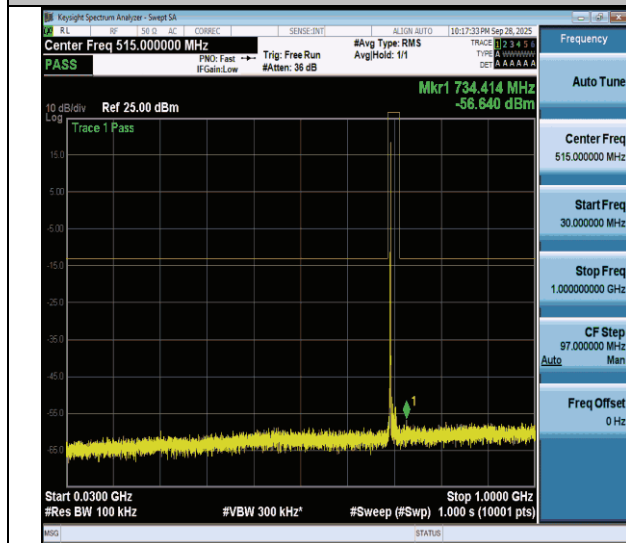
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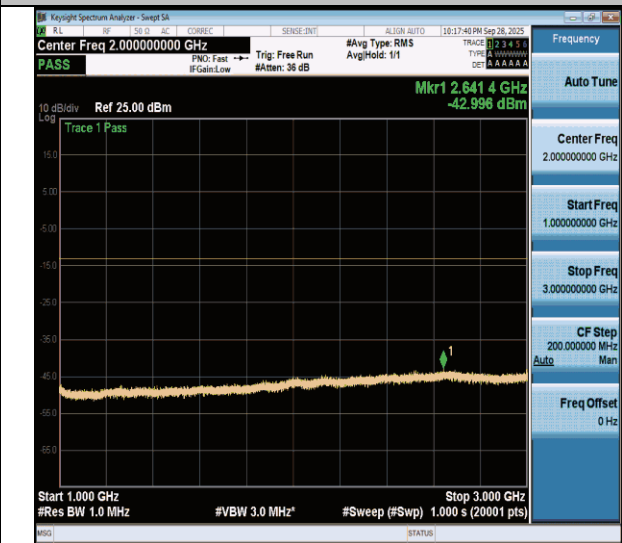
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NTNV-n12-PC3-15-15-M-CP-QPSK-Edge_1RB_Left-0.15-30-PASS



NTNV-n12-PC3-15-15-M-CP-QPSK-Edge_1RB_Left-30-1000-PASS



NTNV-n12-PC3-15-15-M-CP-QPSK-Edge_1RB_Left-1000-3000-PASS



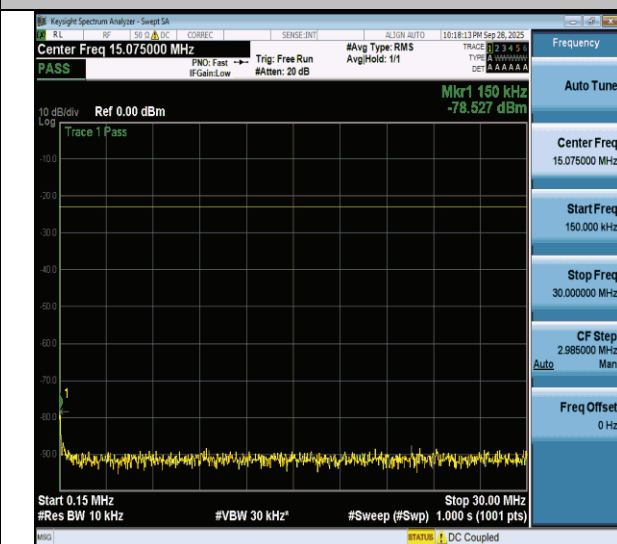
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PASS



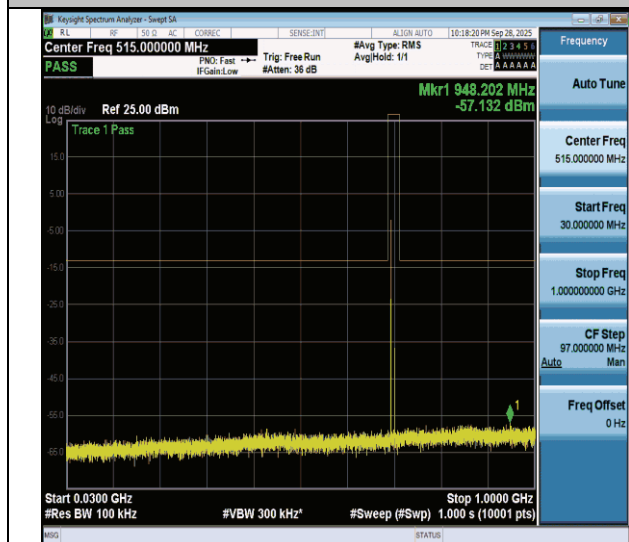
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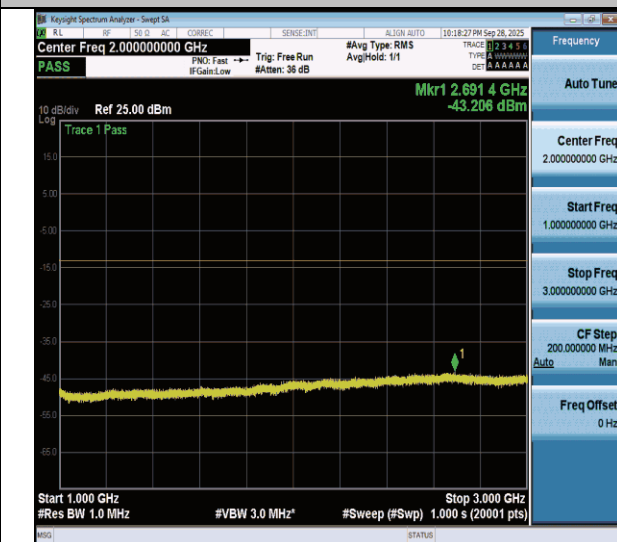
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PASS



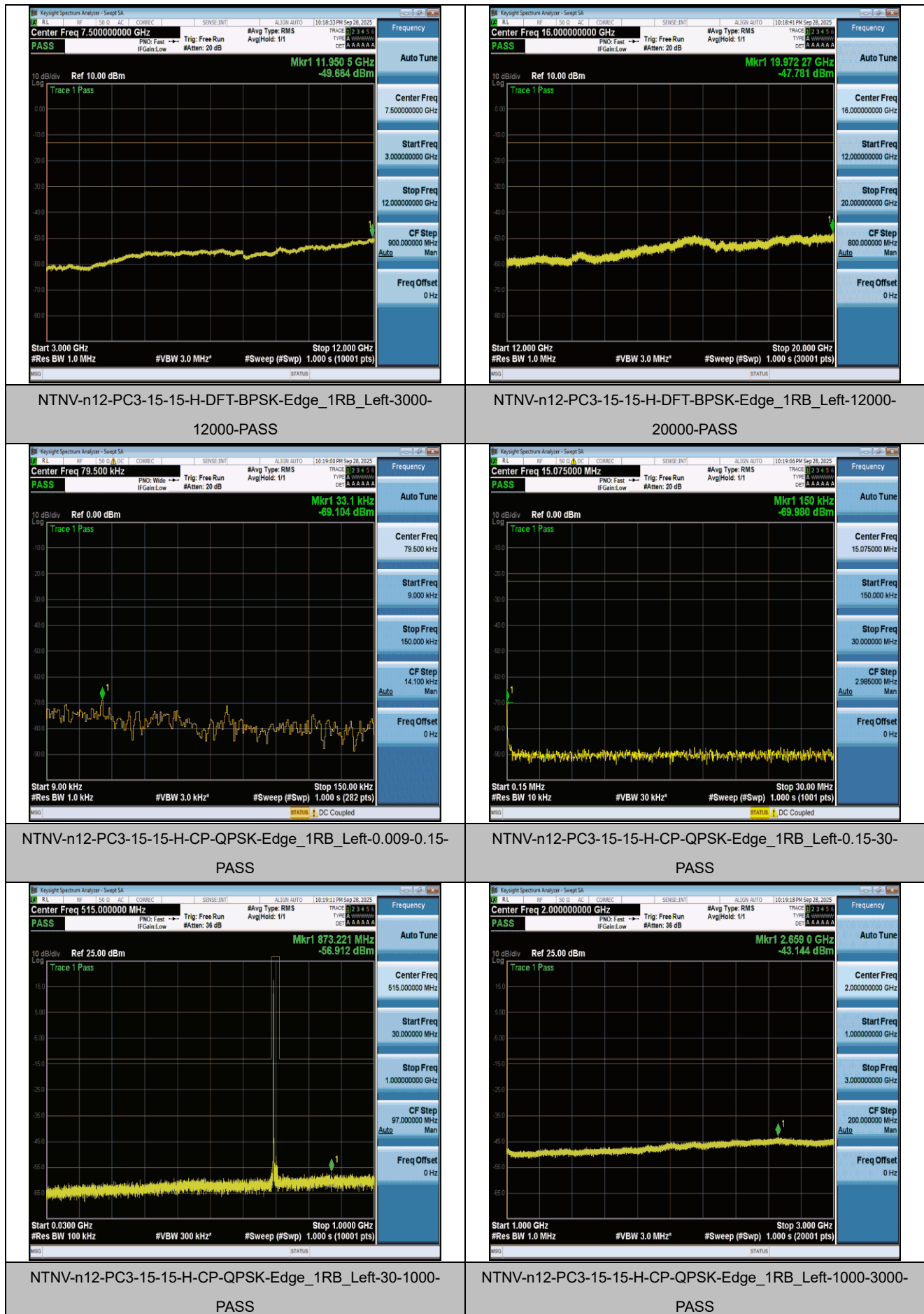
NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASS



NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-1000-3000-
PASS





NTNV-n12-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-3000-12000-
PASS



NTNV-n12-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-12000-
20000-PASS

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n12	15	15	DFT-BPSK	M	Outer_Full	VL	NT	-5.3	-0.007491	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	VN	NT	-5.2	-0.00735	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	VH	NT	-7.5	-0.010601	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VL	NT	-3.1	-0.004382	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VN	NT	0.1	0.000141	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VH	NT	-3.9	-0.005512	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n12	15	15	DFT-BPSK	M	Outer_Full	NV	-30	-7.5	-0.010601	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	-20	-3.9	-0.005512	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	-10	-6.4	-0.009046	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	0	-2.4	-0.003392	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	10	-5.7	-0.008057	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	20	-5.8	-0.008198	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	30	-5.4	-0.007633	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	40	-5.8	-0.008198	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	50	-6.8	-0.009611	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-30	-4.2	-0.005936	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-20	-6.4	-0.009046	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-10	-5.7	-0.008057	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	0	-4.5	-0.00636	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	10	-4.8	-0.006784	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	20	-6.3	-0.008905	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	30	-4	-0.005654	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	40	-4.1	-0.005795	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	50	-4.4	-0.006219	PASS

~The End~