

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	23.47	20.82	34.77	PASS
n12	15	5	DFT-BPSK	L	Inner_1RB_Right	23.43	20.78	34.77	PASS
n12	15	5	DFT-BPSK	L	Inner_Full	23.41	20.76	34.77	PASS
n12	15	5	DFT-BPSK	L	Outer_Full	23.18	20.53	34.77	PASS
n12	15	5	DFT-QPSK	L	Inner_1RB_Left	23.56	20.91	34.77	PASS
n12	15	5	DFT-QPSK	L	Inner_1RB_Right	23.49	20.84	34.77	PASS
n12	15	5	DFT-QPSK	L	Inner_Full	23.4	20.75	34.77	PASS
n12	15	5	DFT-QPSK	L	Outer_Full	22.75	20.1	34.77	PASS
n12	15	5	DFT-16QAM	L	Inner_1RB_Left	22.81	20.16	34.77	PASS
n12	15	5	DFT-16QAM	L	Inner_1RB_Right	22.69	20.04	34.77	PASS
n12	15	5	DFT-16QAM	L	Inner_Full	22.86	20.21	34.77	PASS
n12	15	5	DFT-16QAM	L	Outer_Full	21.83	19.18	34.77	PASS
n12	15	5	DFT-64QAM	L	Inner_1RB_Left	21.53	18.88	34.77	PASS
n12	15	5	DFT-64QAM	L	Inner_1RB_Right	21.48	18.83	34.77	PASS
n12	15	5	DFT-64QAM	L	Inner_Full	21.43	18.78	34.77	PASS
n12	15	5	DFT-64QAM	L	Outer_Full	21.3	18.65	34.77	PASS
n12	15	5	DFT-256QAM	L	Inner_1RB_Left	18.87	16.22	34.77	PASS
n12	15	5	DFT-256QAM	L	Inner_1RB_Right	18.77	16.12	34.77	PASS
n12	15	5	DFT-256QAM	L	Inner_Full	19.29	16.64	34.77	PASS
n12	15	5	DFT-256QAM	L	Outer_Full	19.2	16.55	34.77	PASS
n12	15	5	DFT-BPSK	M	Inner_1RB_Left	23.53	20.88	34.77	PASS
n12	15	5	DFT-BPSK	M	Inner_1RB_Right	23.38	20.73	34.77	PASS
n12	15	5	DFT-BPSK	M	Inner_Full	23.41	20.76	34.77	PASS
n12	15	5	DFT-BPSK	M	Outer_Full	23.21	20.56	34.77	PASS
n12	15	5	DFT-QPSK	M	Inner_1RB_Left	23.45	20.8	34.77	PASS
n12	15	5	DFT-QPSK	M	Inner_1RB_Right	23.44	20.79	34.77	PASS
n12	15	5	DFT-QPSK	M	Inner_Full	23.35	20.7	34.77	PASS
n12	15	5	DFT-QPSK	M	Outer_Full	22.65	20	34.77	PASS
n12	15	5	DFT-16QAM	M	Inner_1RB_Left	22.75	20.1	34.77	PASS
n12	15	5	DFT-16QAM	M	Inner_1RB_Right	22.56	19.91	34.77	PASS
n12	15	5	DFT-16QAM	M	Inner_Full	22.88	20.23	34.77	PASS
n12	15	5	DFT-16QAM	M	Outer_Full	21.76	19.11	34.77	PASS
n12	15	5	DFT-64QAM	M	Inner_1RB_Left	21.34	18.69	34.77	PASS
n12	15	5	DFT-64QAM	M	Inner_1RB_Right	21.25	18.6	34.77	PASS
n12	15	5	DFT-64QAM	M	Inner_Full	21.22	18.57	34.77	PASS
n12	15	5	DFT-64QAM	M	Outer_Full	21.19	18.54	34.77	PASS
n12	15	5	DFT-256QAM	M	Inner_1RB_Left	18.71	16.06	34.77	PASS

n12	15	5	DFT-256QAM	M	Inner_1RB_Right	18.65	16	34.77	PASS
n12	15	5	DFT-256QAM	M	Inner_Full	19.18	16.53	34.77	PASS
n12	15	5	DFT-256QAM	M	Outer_Full	19.23	16.58	34.77	PASS
n12	15	5	DFT-BPSK	H	Inner_1RB_Left	23.31	20.66	34.77	PASS
n12	15	5	DFT-BPSK	H	Inner_1RB_Right	23.34	20.69	34.77	PASS
n12	15	5	DFT-BPSK	H	Inner_Full	23.3	20.65	34.77	PASS
n12	15	5	DFT-BPSK	H	Outer_Full	23.15	20.5	34.77	PASS
n12	15	5	DFT-QPSK	H	Inner_1RB_Left	23.34	20.69	34.77	PASS
n12	15	5	DFT-QPSK	H	Inner_1RB_Right	23.26	20.61	34.77	PASS
n12	15	5	DFT-QPSK	H	Inner_Full	23.3	20.65	34.77	PASS
n12	15	5	DFT-QPSK	H	Outer_Full	22.54	19.89	34.77	PASS
n12	15	5	DFT-16QAM	H	Inner_1RB_Left	22.69	20.04	34.77	PASS
n12	15	5	DFT-16QAM	H	Inner_1RB_Right	22.64	19.99	34.77	PASS
n12	15	5	DFT-16QAM	H	Inner_Full	22.71	20.06	34.77	PASS
n12	15	5	DFT-16QAM	H	Outer_Full	21.69	19.04	34.77	PASS
n12	15	5	DFT-64QAM	H	Inner_1RB_Left	21.42	18.77	34.77	PASS
n12	15	5	DFT-64QAM	H	Inner_1RB_Right	21.3	18.65	34.77	PASS
n12	15	5	DFT-64QAM	H	Inner_Full	21.21	18.56	34.77	PASS
n12	15	5	DFT-64QAM	H	Outer_Full	21.11	18.46	34.77	PASS
n12	15	5	DFT-256QAM	H	Inner_1RB_Left	18.58	15.93	34.77	PASS
n12	15	5	DFT-256QAM	H	Inner_1RB_Right	18.46	15.81	34.77	PASS
n12	15	5	DFT-256QAM	H	Inner_Full	19.1	16.45	34.77	PASS
n12	15	5	DFT-256QAM	H	Outer_Full	19.03	16.38	34.77	PASS
n12	15	10	DFT-BPSK	L	Inner_1RB_Left	23.52	20.87	34.77	PASS
n12	15	10	DFT-BPSK	L	Inner_1RB_Right	23.3	20.65	34.77	PASS
n12	15	10	DFT-BPSK	L	Inner_Full	23.39	20.74	34.77	PASS
n12	15	10	DFT-BPSK	L	Outer_Full	23.21	20.56	34.77	PASS
n12	15	10	DFT-QPSK	L	Inner_1RB_Left	23.44	20.79	34.77	PASS
n12	15	10	DFT-QPSK	L	Inner_1RB_Right	23.25	20.6	34.77	PASS
n12	15	10	DFT-QPSK	L	Inner_Full	23.27	20.62	34.77	PASS
n12	15	10	DFT-QPSK	L	Outer_Full	22.73	20.08	34.77	PASS
n12	15	10	DFT-16QAM	L	Inner_1RB_Left	22.72	20.07	34.77	PASS
n12	15	10	DFT-16QAM	L	Inner_1RB_Right	22.54	19.89	34.77	PASS
n12	15	10	DFT-16QAM	L	Inner_Full	22.65	20	34.77	PASS
n12	15	10	DFT-16QAM	L	Outer_Full	21.76	19.11	34.77	PASS
n12	15	10	DFT-64QAM	L	Inner_1RB_Left	21.42	18.77	34.77	PASS
n12	15	10	DFT-64QAM	L	Inner_1RB_Right	21.28	18.63	34.77	PASS
n12	15	10	DFT-64QAM	L	Inner_Full	21.19	18.54	34.77	PASS
n12	15	10	DFT-64QAM	L	Outer_Full	21.29	18.64	34.77	PASS
n12	15	10	DFT-256QAM	L	Inner_1RB_Left	19.14	16.49	34.77	PASS
n12	15	10	DFT-256QAM	L	Inner_1RB_Right	18.85	16.2	34.77	PASS
n12	15	10	DFT-256QAM	L	Inner_Full	19.16	16.51	34.77	PASS
n12	15	10	DFT-256QAM	L	Outer_Full	19.22	16.57	34.77	PASS
n12	15	10	DFT-BPSK	M	Inner_1RB_Left	23.45	20.8	34.77	PASS
n12	15	10	DFT-BPSK	M	Inner_1RB_Right	23.29	20.64	34.77	PASS

n12	15	10	DFT-BPSK	M	Inner_Full	23.35	20.7	34.77	PASS
n12	15	10	DFT-BPSK	M	Outer_Full	23.16	20.51	34.77	PASS
n12	15	10	DFT-QPSK	M	Inner_1RB_Left	23.45	20.8	34.77	PASS
n12	15	10	DFT-QPSK	M	Inner_1RB_Right	23.31	20.66	34.77	PASS
n12	15	10	DFT-QPSK	M	Inner_Full	23.31	20.66	34.77	PASS
n12	15	10	DFT-QPSK	M	Outer_Full	22.78	20.13	34.77	PASS
n12	15	10	DFT-16QAM	M	Inner_1RB_Left	22.7	20.05	34.77	PASS
n12	15	10	DFT-16QAM	M	Inner_1RB_Right	22.6	19.95	34.77	PASS
n12	15	10	DFT-16QAM	M	Inner_Full	22.73	20.08	34.77	PASS
n12	15	10	DFT-16QAM	M	Outer_Full	21.8	19.15	34.77	PASS
n12	15	10	DFT-64QAM	M	Inner_1RB_Left	21.5	18.85	34.77	PASS
n12	15	10	DFT-64QAM	M	Inner_1RB_Right	21.31	18.66	34.77	PASS
n12	15	10	DFT-64QAM	M	Inner_Full	21.18	18.53	34.77	PASS
n12	15	10	DFT-64QAM	M	Outer_Full	21.36	18.71	34.77	PASS
n12	15	10	DFT-256QAM	M	Inner_1RB_Left	19.14	16.49	34.77	PASS
n12	15	10	DFT-256QAM	M	Inner_1RB_Right	18.93	16.28	34.77	PASS
n12	15	10	DFT-256QAM	M	Inner_Full	19.13	16.48	34.77	PASS
n12	15	10	DFT-256QAM	M	Outer_Full	19.29	16.64	34.77	PASS
n12	15	10	DFT-BPSK	H	Inner_1RB_Left	23.47	20.82	34.77	PASS
n12	15	10	DFT-BPSK	H	Inner_1RB_Right	23.33	20.68	34.77	PASS
n12	15	10	DFT-BPSK	H	Inner_Full	23.34	20.69	34.77	PASS
n12	15	10	DFT-BPSK	H	Outer_Full	23.28	20.63	34.77	PASS
n12	15	10	DFT-QPSK	H	Inner_1RB_Left	23.43	20.78	34.77	PASS
n12	15	10	DFT-QPSK	H	Inner_1RB_Right	23.27	20.62	34.77	PASS
n12	15	10	DFT-QPSK	H	Inner_Full	23.3	20.65	34.77	PASS
n12	15	10	DFT-QPSK	H	Outer_Full	22.74	20.09	34.77	PASS
n12	15	10	DFT-16QAM	H	Inner_1RB_Left	22.69	20.04	34.77	PASS
n12	15	10	DFT-16QAM	H	Inner_1RB_Right	22.56	19.91	34.77	PASS
n12	15	10	DFT-16QAM	H	Inner_Full	22.7	20.05	34.77	PASS
n12	15	10	DFT-16QAM	H	Outer_Full	21.69	19.04	34.77	PASS
n12	15	10	DFT-64QAM	H	Inner_1RB_Left	21.47	18.82	34.77	PASS
n12	15	10	DFT-64QAM	H	Inner_1RB_Right	21.31	18.66	34.77	PASS
n12	15	10	DFT-64QAM	H	Inner_Full	21.19	18.54	34.77	PASS
n12	15	10	DFT-64QAM	H	Outer_Full	21.39	18.74	34.77	PASS
n12	15	10	DFT-256QAM	H	Inner_1RB_Left	19.04	16.39	34.77	PASS
n12	15	10	DFT-256QAM	H	Inner_1RB_Right	18.91	16.26	34.77	PASS
n12	15	10	DFT-256QAM	H	Inner_Full	19.13	16.48	34.77	PASS
n12	15	10	DFT-256QAM	H	Outer_Full	19.19	16.54	34.77	PASS
n12	15	15	DFT-BPSK	L	Inner_1RB_Left	23.47	20.82	34.77	PASS
n12	15	15	DFT-BPSK	L	Inner_1RB_Right	23.23	20.58	34.77	PASS
n12	15	15	DFT-BPSK	L	Inner_Full	23.37	20.72	34.77	PASS
n12	15	15	DFT-BPSK	L	Outer_Full	23.33	20.68	34.77	PASS
n12	15	15	DFT-QPSK	L	Inner_1RB_Left	23.5	20.85	34.77	PASS
n12	15	15	DFT-QPSK	L	Inner_1RB_Right	23.34	20.69	34.77	PASS
n12	15	15	DFT-QPSK	L	Inner_Full	23.34	20.69	34.77	PASS

n12	15	15	DFT-QPSK	L	Outer_Full	22.75	20.1	34.77	PASS
n12	15	15	DFT-16QAM	L	Inner_1RB_Left	22.85	20.2	34.77	PASS
n12	15	15	DFT-16QAM	L	Inner_1RB_Right	22.53	19.88	34.77	PASS
n12	15	15	DFT-16QAM	L	Inner_Full	22.74	20.09	34.77	PASS
n12	15	15	DFT-16QAM	L	Outer_Full	21.72	19.07	34.77	PASS
n12	15	15	DFT-64QAM	L	Inner_1RB_Left	21.41	18.76	34.77	PASS
n12	15	15	DFT-64QAM	L	Inner_1RB_Right	21.16	18.51	34.77	PASS
n12	15	15	DFT-64QAM	L	Inner_Full	21.28	18.63	34.77	PASS
n12	15	15	DFT-64QAM	L	Outer_Full	21.34	18.69	34.77	PASS
n12	15	15	DFT-256QAM	L	Inner_1RB_Left	19.09	16.44	34.77	PASS
n12	15	15	DFT-256QAM	L	Inner_1RB_Right	18.86	16.21	34.77	PASS
n12	15	15	DFT-256QAM	L	Inner_Full	19.11	16.46	34.77	PASS
n12	15	15	DFT-256QAM	L	Outer_Full	19.26	16.61	34.77	PASS
n12	15	15	DFT-BPSK	M	Inner_1RB_Left	23.52	20.87	34.77	PASS
n12	15	15	DFT-BPSK	M	Inner_1RB_Right	23.23	20.58	34.77	PASS
n12	15	15	DFT-BPSK	M	Inner_Full	23.35	20.7	34.77	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	23.19	20.54	34.77	PASS
n12	15	15	DFT-QPSK	M	Inner_1RB_Left	23.54	20.89	34.77	PASS
n12	15	15	DFT-QPSK	M	Inner_1RB_Right	23.26	20.61	34.77	PASS
n12	15	15	DFT-QPSK	M	Inner_Full	23.35	20.7	34.77	PASS
n12	15	15	DFT-QPSK	M	Outer_Full	22.67	20.02	34.77	PASS
n12	15	15	DFT-16QAM	M	Inner_1RB_Left	22.74	20.09	34.77	PASS
n12	15	15	DFT-16QAM	M	Inner_1RB_Right	22.46	19.81	34.77	PASS
n12	15	15	DFT-16QAM	M	Inner_Full	22.72	20.07	34.77	PASS
n12	15	15	DFT-16QAM	M	Outer_Full	21.76	19.11	34.77	PASS
n12	15	15	DFT-64QAM	M	Inner_1RB_Left	21.38	18.73	34.77	PASS
n12	15	15	DFT-64QAM	M	Inner_1RB_Right	21.12	18.47	34.77	PASS
n12	15	15	DFT-64QAM	M	Inner_Full	21.17	18.52	34.77	PASS
n12	15	15	DFT-64QAM	M	Outer_Full	21.3	18.65	34.77	PASS
n12	15	15	DFT-256QAM	M	Inner_1RB_Left	19.05	16.4	34.77	PASS
n12	15	15	DFT-256QAM	M	Inner_1RB_Right	18.83	16.18	34.77	PASS
n12	15	15	DFT-256QAM	M	Inner_Full	19.1	16.45	34.77	PASS
n12	15	15	DFT-256QAM	M	Outer_Full	19.21	16.56	34.77	PASS
n12	15	15	DFT-BPSK	H	Inner_1RB_Left	23.4	20.75	34.77	PASS
n12	15	15	DFT-BPSK	H	Inner_1RB_Right	23.26	20.61	34.77	PASS
n12	15	15	DFT-BPSK	H	Inner_Full	23.41	20.76	34.77	PASS
n12	15	15	DFT-BPSK	H	Outer_Full	23.25	20.6	34.77	PASS
n12	15	15	DFT-QPSK	H	Inner_1RB_Left	23.51	20.86	34.77	PASS
n12	15	15	DFT-QPSK	H	Inner_1RB_Right	23.28	20.63	34.77	PASS
n12	15	15	DFT-QPSK	H	Inner_Full	23.29	20.64	34.77	PASS
n12	15	15	DFT-QPSK	H	Outer_Full	22.66	20.01	34.77	PASS
n12	15	15	DFT-16QAM	H	Inner_1RB_Left	22.68	20.03	34.77	PASS
n12	15	15	DFT-16QAM	H	Inner_1RB_Right	22.55	19.9	34.77	PASS
n12	15	15	DFT-16QAM	H	Inner_Full	22.69	20.04	34.77	PASS
n12	15	15	DFT-16QAM	H	Outer_Full	21.73	19.08	34.77	PASS

n12	15	15	DFT-64QAM	H	Inner_1RB_Left	21.35	18.70	34.77	PASS
n12	15	15	DFT-64QAM	H	Inner_1RB_Right	21.12	18.47	34.77	PASS
n12	15	15	DFT-64QAM	H	Inner_Full	21.16	18.51	34.77	PASS
n12	15	15	DFT-64QAM	H	Outer_Full	21.27	18.62	34.77	PASS
n12	15	15	DFT-256QAM	H	Inner_1RB_Left	19.02	16.37	34.77	PASS
n12	15	15	DFT-256QAM	H	Inner_1RB_Right	18.83	16.18	34.77	PASS
n12	15	15	DFT-256QAM	H	Inner_Full	19.16	16.51	34.77	PASS
n12	15	15	DFT-256QAM	H	Outer_Full	19.3	16.65	34.77	PASS

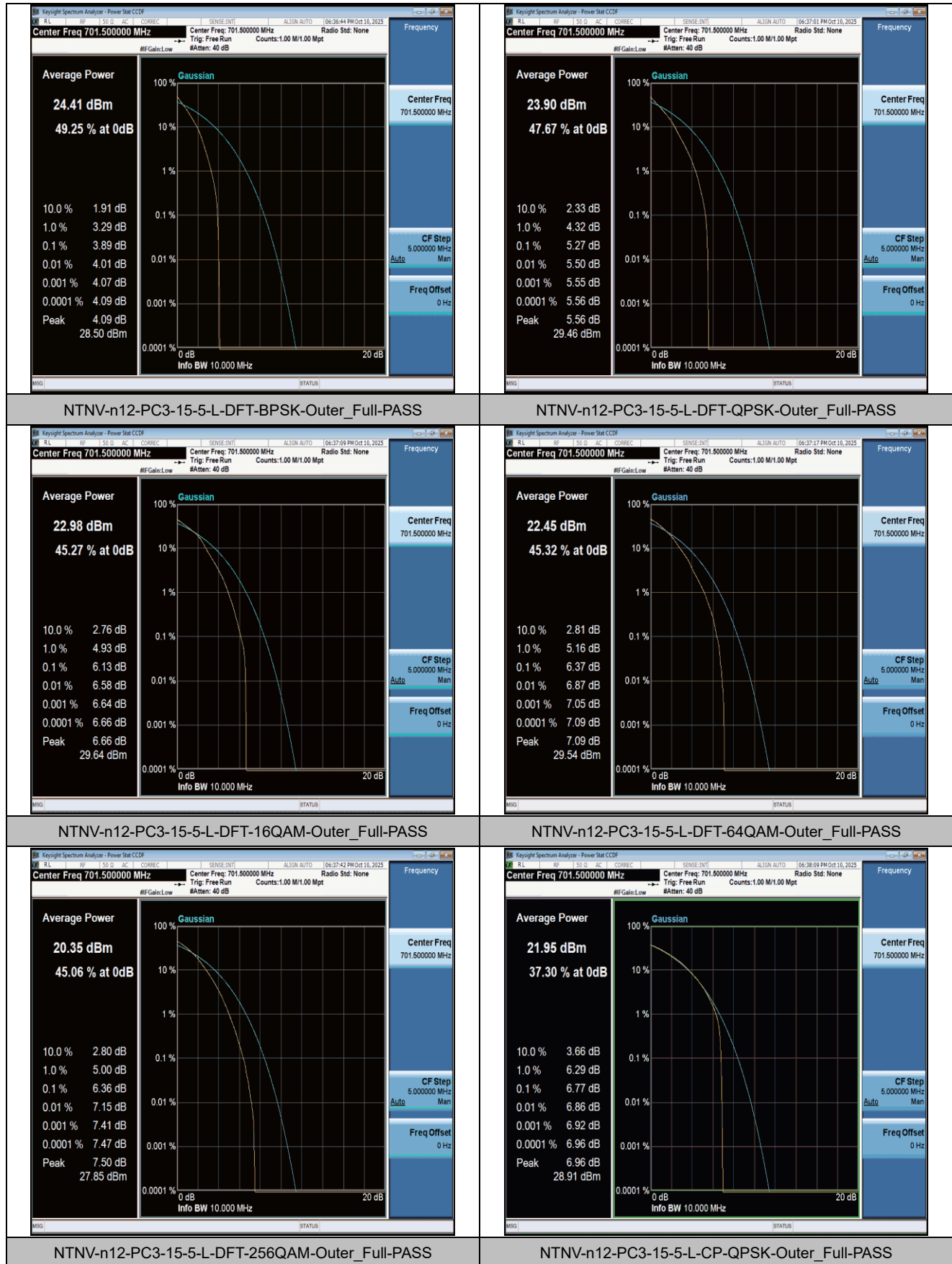
Peak-to-Average Ratio for SA

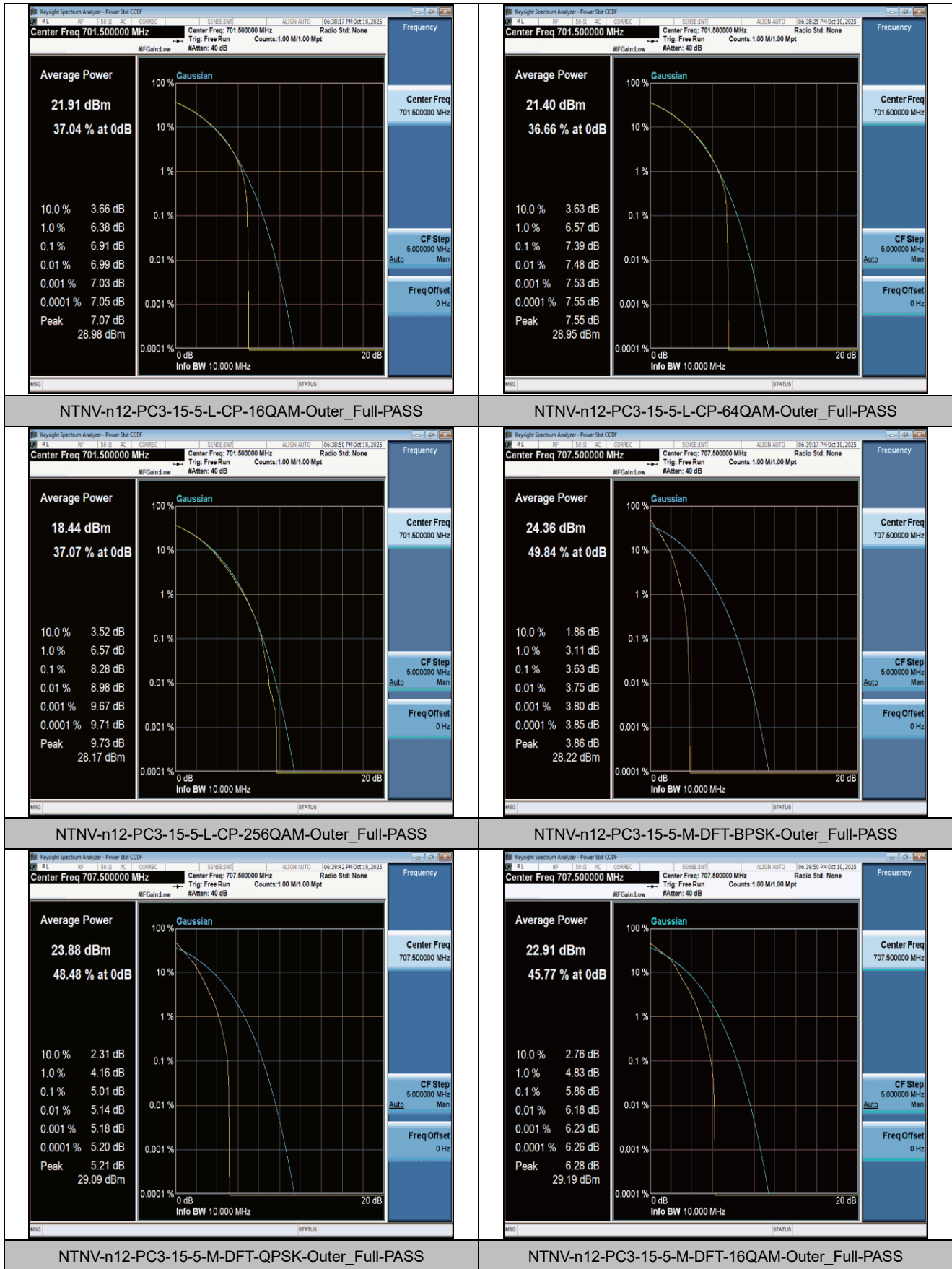
Test Result

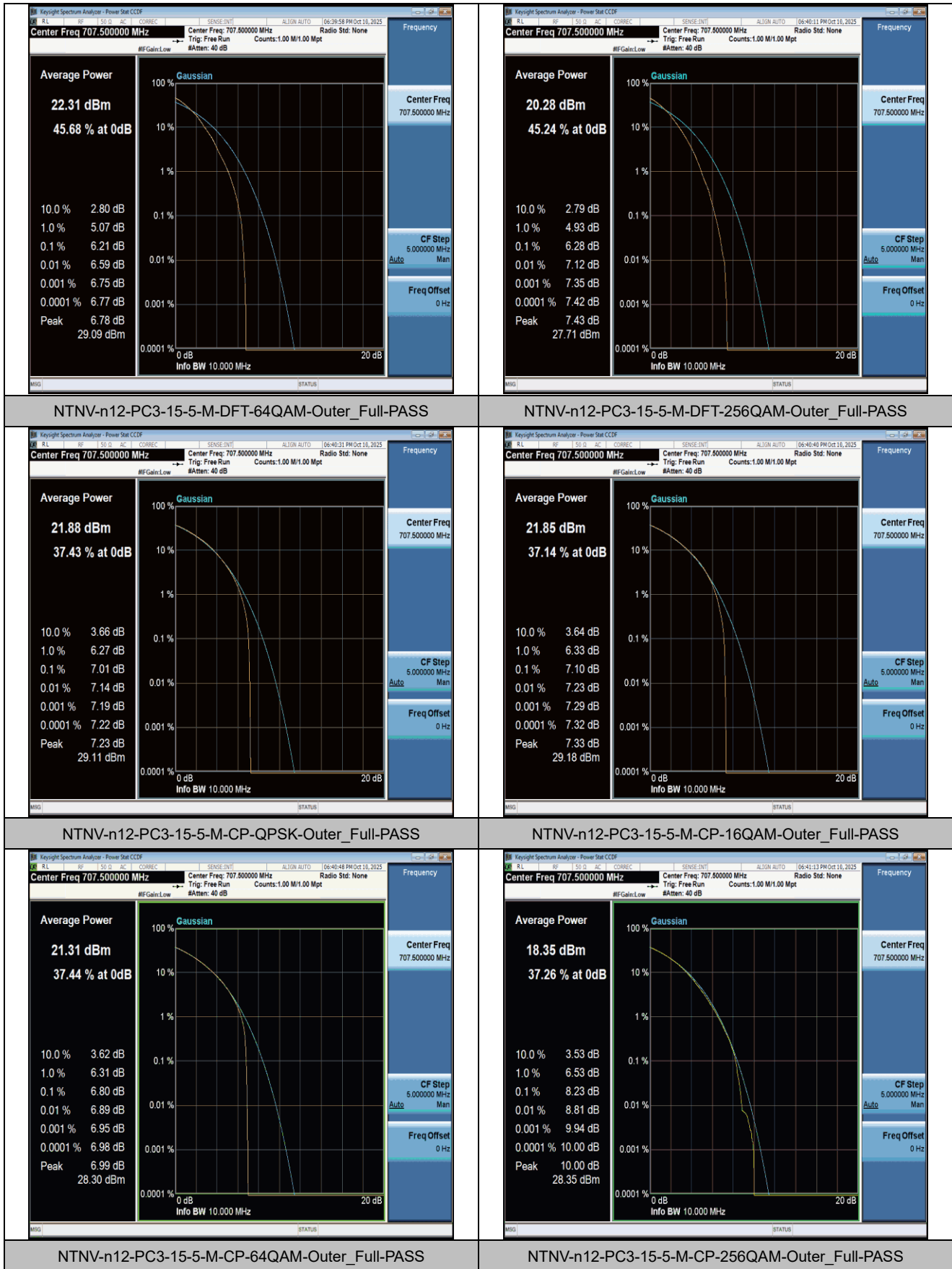
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
n12	15	5	DFT-BPSK	L	Outer_Full	3.89	≤13dB	PASS
n12	15	5	DFT-QPSK	L	Outer_Full	5.27	≤13dB	PASS
n12	15	5	DFT-16QAM	L	Outer_Full	6.13	≤13dB	PASS
n12	15	5	DFT-64QAM	L	Outer_Full	6.37	≤13dB	PASS
n12	15	5	DFT-256QAM	L	Outer_Full	6.36	≤13dB	PASS
n12	15	5	CP-QPSK	L	Outer_Full	6.77	≤13dB	PASS
n12	15	5	CP-16QAM	L	Outer_Full	6.91	≤13dB	PASS
n12	15	5	CP-64QAM	L	Outer_Full	7.39	≤13dB	PASS
n12	15	5	CP-256QAM	L	Outer_Full	8.28	≤13dB	PASS
n12	15	5	DFT-BPSK	M	Outer_Full	3.63	≤13dB	PASS
n12	15	5	DFT-QPSK	M	Outer_Full	5.01	≤13dB	PASS
n12	15	5	DFT-16QAM	M	Outer_Full	5.86	≤13dB	PASS
n12	15	5	DFT-64QAM	M	Outer_Full	6.21	≤13dB	PASS
n12	15	5	DFT-256QAM	M	Outer_Full	6.28	≤13dB	PASS
n12	15	5	CP-QPSK	M	Outer_Full	7.01	≤13dB	PASS
n12	15	5	CP-16QAM	M	Outer_Full	7.1	≤13dB	PASS
n12	15	5	CP-64QAM	M	Outer_Full	6.8	≤13dB	PASS
n12	15	5	CP-256QAM	M	Outer_Full	8.23	≤13dB	PASS
n12	15	5	DFT-BPSK	H	Outer_Full	4.09	≤13dB	PASS
n12	15	5	DFT-QPSK	H	Outer_Full	5.37	≤13dB	PASS
n12	15	5	DFT-16QAM	H	Outer_Full	6.21	≤13dB	PASS
n12	15	5	DFT-64QAM	H	Outer_Full	6.43	≤13dB	PASS
n12	15	5	DFT-256QAM	H	Outer_Full	6.42	≤13dB	PASS
n12	15	5	CP-QPSK	H	Outer_Full	6.8	≤13dB	PASS
n12	15	5	CP-16QAM	H	Outer_Full	7.54	≤13dB	PASS
n12	15	5	CP-64QAM	H	Outer_Full	7.29	≤13dB	PASS
n12	15	5	CP-256QAM	H	Outer_Full	8.35	≤13dB	PASS
n12	15	10	DFT-BPSK	L	Outer_Full	4.3	≤13dB	PASS
n12	15	10	DFT-QPSK	L	Outer_Full	5.37	≤13dB	PASS
n12	15	10	DFT-16QAM	L	Outer_Full	6.25	≤13dB	PASS
n12	15	10	DFT-64QAM	L	Outer_Full	6.3	≤13dB	PASS
n12	15	10	DFT-256QAM	L	Outer_Full	6.53	≤13dB	PASS
n12	15	10	CP-QPSK	L	Outer_Full	7.28	≤13dB	PASS
n12	15	10	CP-16QAM	L	Outer_Full	7.32	≤13dB	PASS
n12	15	10	CP-64QAM	L	Outer_Full	7.69	≤13dB	PASS
n12	15	10	CP-256QAM	L	Outer_Full	8.45	≤13dB	PASS
n12	15	10	DFT-BPSK	M	Outer_Full	3.81	≤13dB	PASS
n12	15	10	DFT-QPSK	M	Outer_Full	5.12	≤13dB	PASS
n12	15	10	DFT-16QAM	M	Outer_Full	6.01	≤13dB	PASS
n12	15	10	DFT-64QAM	M	Outer_Full	6.19	≤13dB	PASS

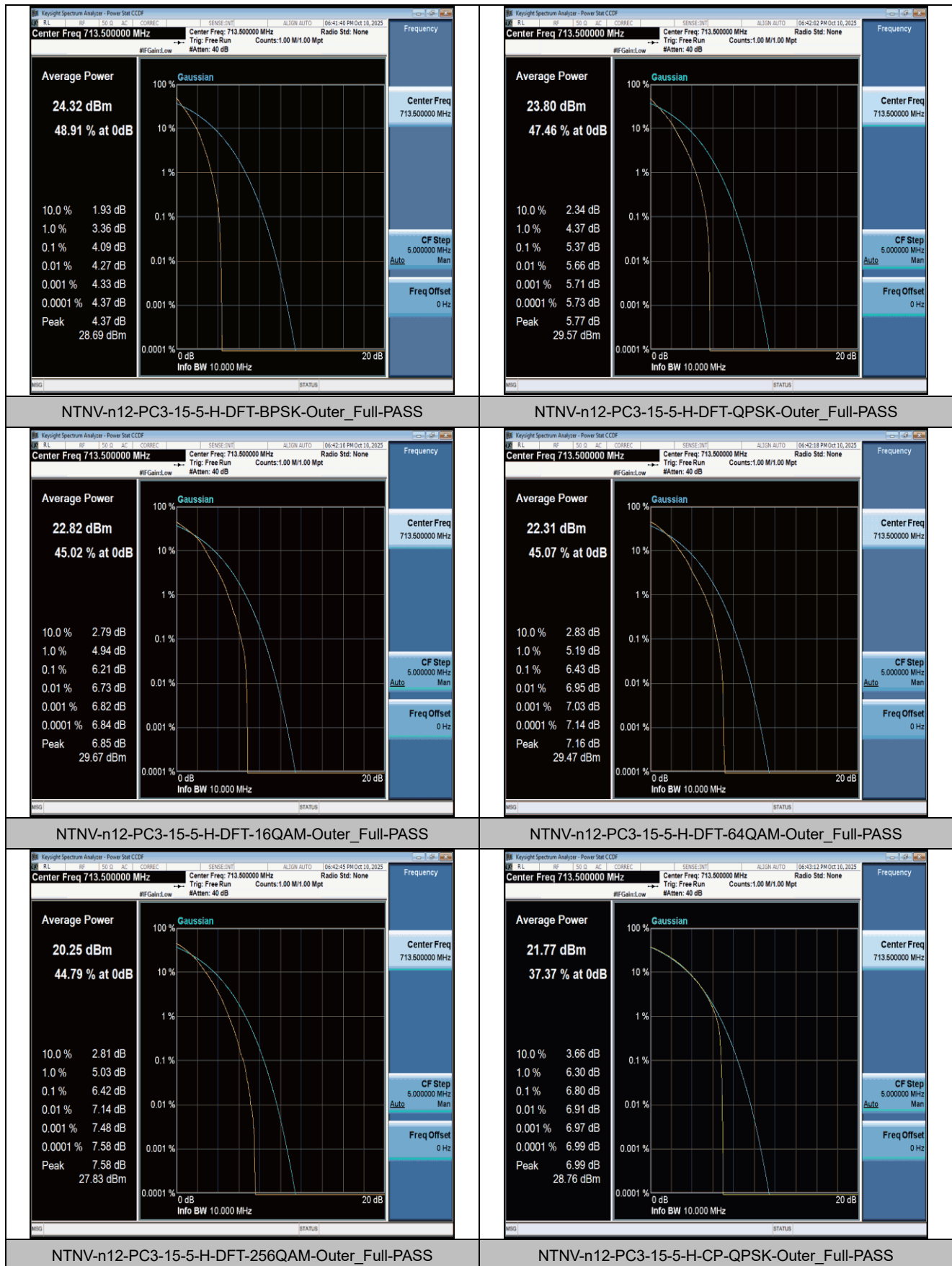
n12	15	10	DFT-256QAM	M	Outer_Full	6.46	≤13dB	PASS
n12	15	10	CP-QPSK	M	Outer_Full	7.08	≤13dB	PASS
n12	15	10	CP-16QAM	M	Outer_Full	7.13	≤13dB	PASS
n12	15	10	CP-64QAM	M	Outer_Full	7.56	≤13dB	PASS
n12	15	10	CP-256QAM	M	Outer_Full	8.45	≤13dB	PASS
n12	15	10	DFT-BPSK	H	Outer_Full	4.24	≤13dB	PASS
n12	15	10	DFT-QPSK	H	Outer_Full	5.22	≤13dB	PASS
n12	15	10	DFT-16QAM	H	Outer_Full	6.06	≤13dB	PASS
n12	15	10	DFT-64QAM	H	Outer_Full	6.34	≤13dB	PASS
n12	15	10	DFT-256QAM	H	Outer_Full	6.48	≤13dB	PASS
n12	15	10	CP-QPSK	H	Outer_Full	7.09	≤13dB	PASS
n12	15	10	CP-16QAM	H	Outer_Full	7.12	≤13dB	PASS
n12	15	10	CP-64QAM	H	Outer_Full	7.56	≤13dB	PASS
n12	15	10	CP-256QAM	H	Outer_Full	8.44	≤13dB	PASS
n12	15	15	DFT-BPSK	L	Outer_Full	4.1	≤13dB	PASS
n12	15	15	DFT-QPSK	L	Outer_Full	5.32	≤13dB	PASS
n12	15	15	DFT-16QAM	L	Outer_Full	6.13	≤13dB	PASS
n12	15	15	DFT-64QAM	L	Outer_Full	6.33	≤13dB	PASS
n12	15	15	DFT-256QAM	L	Outer_Full	6.51	≤13dB	PASS
n12	15	15	CP-QPSK	L	Outer_Full	7.04	≤13dB	PASS
n12	15	15	CP-16QAM	L	Outer_Full	7.13	≤13dB	PASS
n12	15	15	CP-64QAM	L	Outer_Full	7.53	≤13dB	PASS
n12	15	15	CP-256QAM	L	Outer_Full	8.22	≤13dB	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	4.1	≤13dB	PASS
n12	15	15	DFT-QPSK	M	Outer_Full	5.31	≤13dB	PASS
n12	15	15	DFT-16QAM	M	Outer_Full	6.14	≤13dB	PASS
n12	15	15	DFT-64QAM	M	Outer_Full	6.34	≤13dB	PASS
n12	15	15	DFT-256QAM	M	Outer_Full	6.55	≤13dB	PASS
n12	15	15	CP-QPSK	M	Outer_Full	7.14	≤13dB	PASS
n12	15	15	CP-16QAM	M	Outer_Full	7.22	≤13dB	PASS
n12	15	15	CP-64QAM	M	Outer_Full	7.6	≤13dB	PASS
n12	15	15	CP-256QAM	M	Outer_Full	8.23	≤13dB	PASS
n12	15	15	DFT-BPSK	H	Outer_Full	4.11	≤13dB	PASS
n12	15	15	DFT-QPSK	H	Outer_Full	5.3	≤13dB	PASS
n12	15	15	DFT-16QAM	H	Outer_Full	6.1	≤13dB	PASS
n12	15	15	DFT-64QAM	H	Outer_Full	6.33	≤13dB	PASS
n12	15	15	DFT-256QAM	H	Outer_Full	6.51	≤13dB	PASS
n12	15	15	CP-QPSK	H	Outer_Full	7.03	≤13dB	PASS
n12	15	15	CP-16QAM	H	Outer_Full	7.11	≤13dB	PASS
n12	15	15	CP-64QAM	H	Outer_Full	7.53	≤13dB	PASS
n12	15	15	CP-256QAM	H	Outer_Full	8.22	≤13dB	PASS

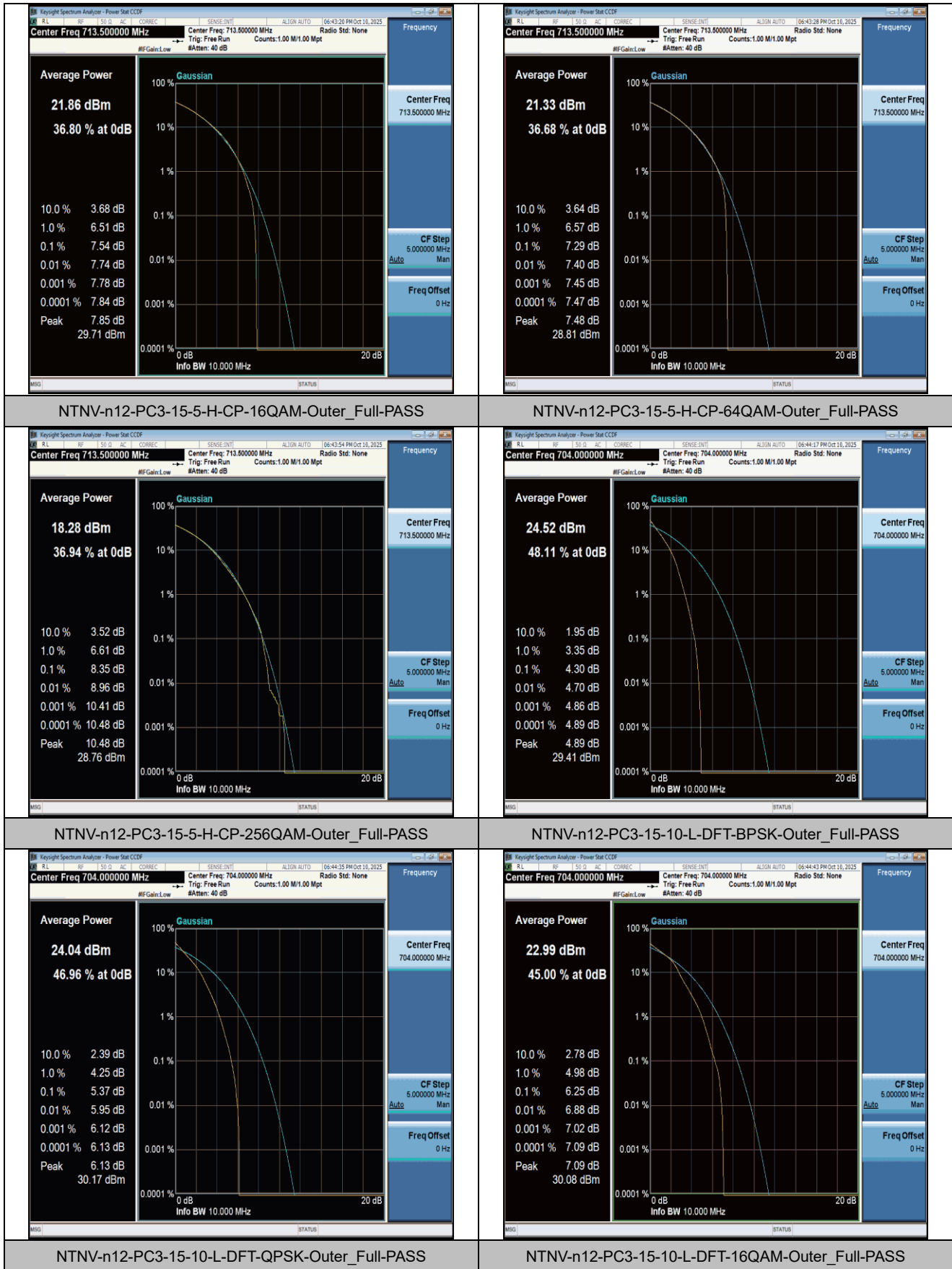
Test Graphs

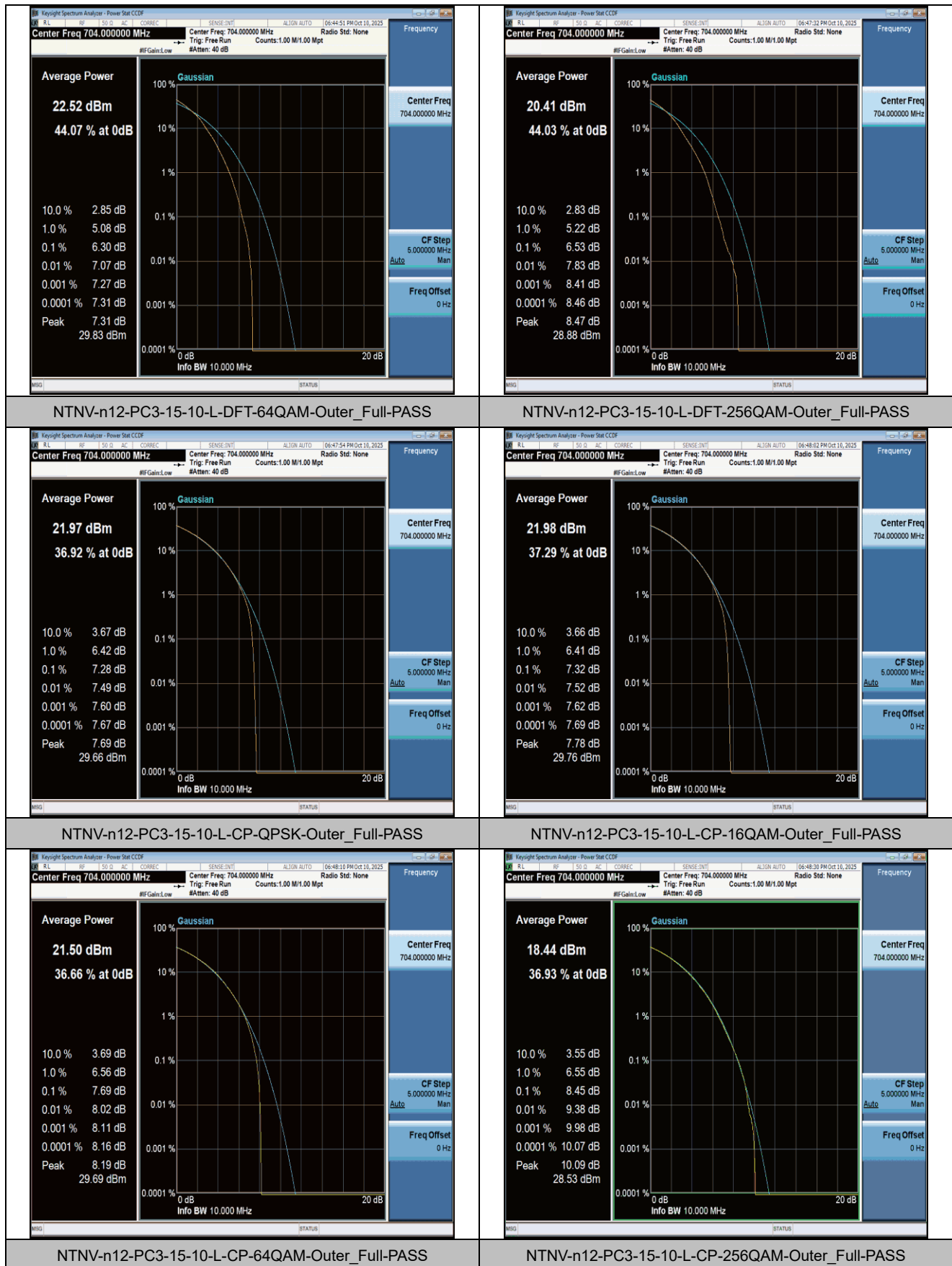


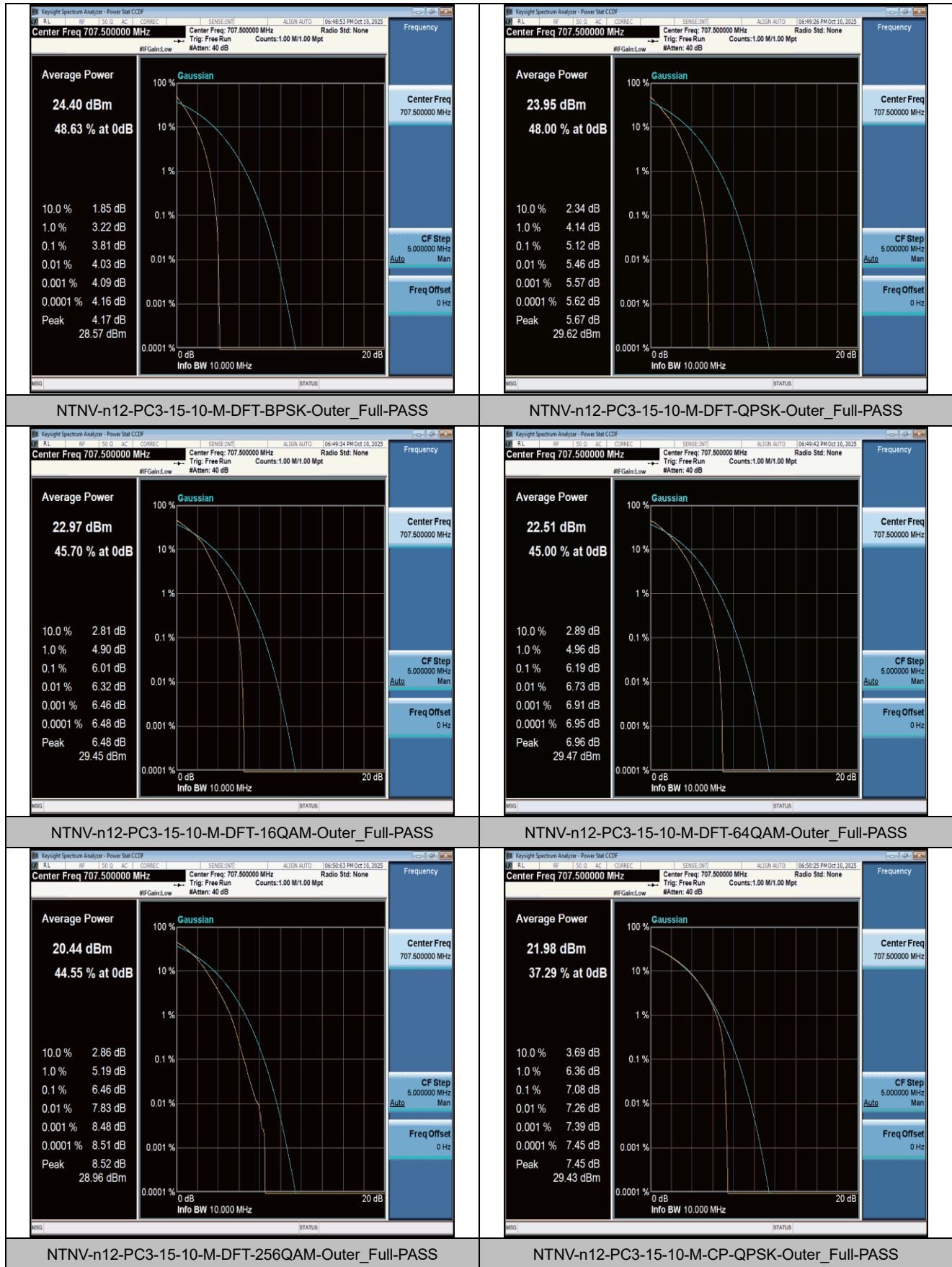


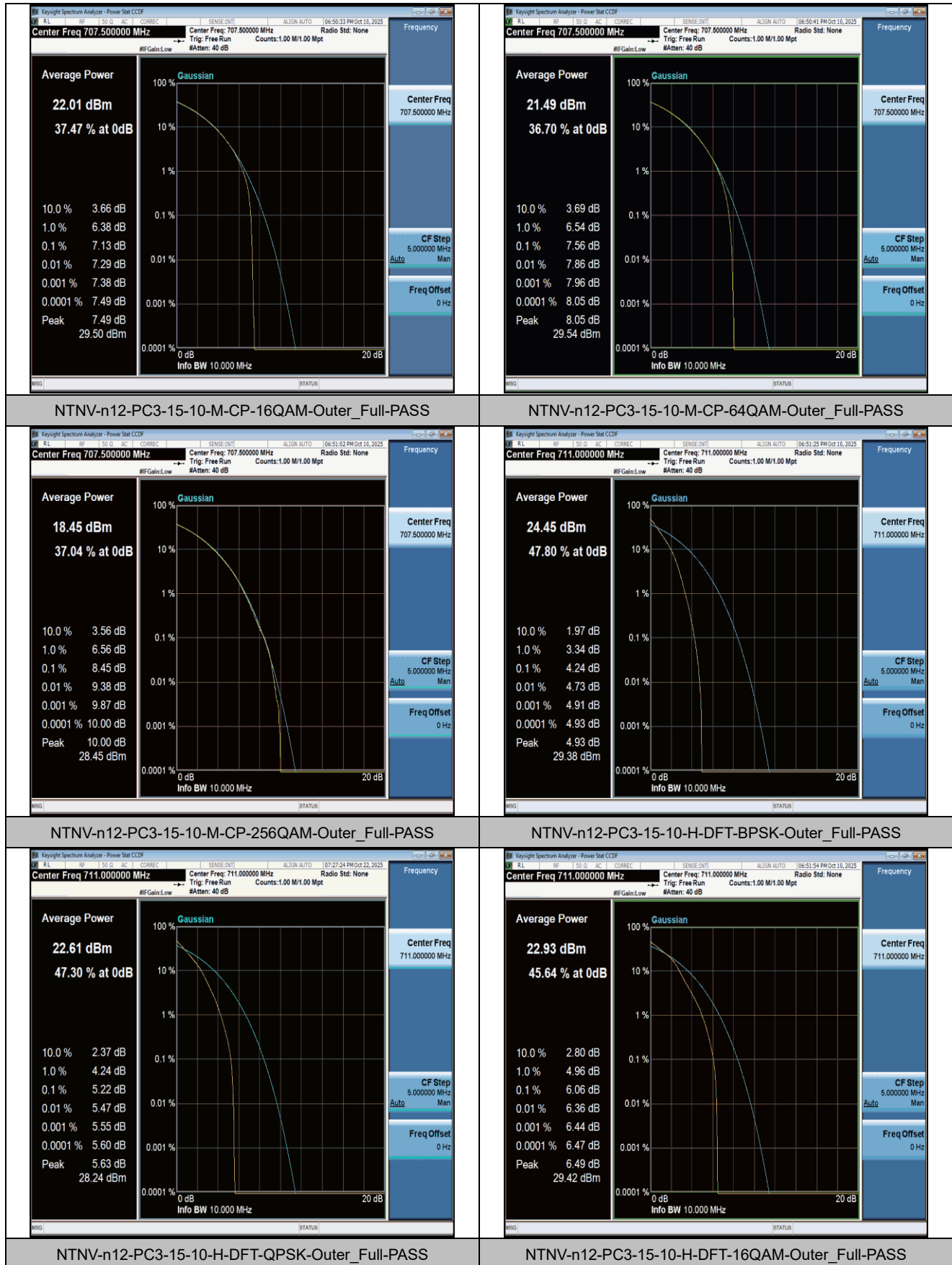


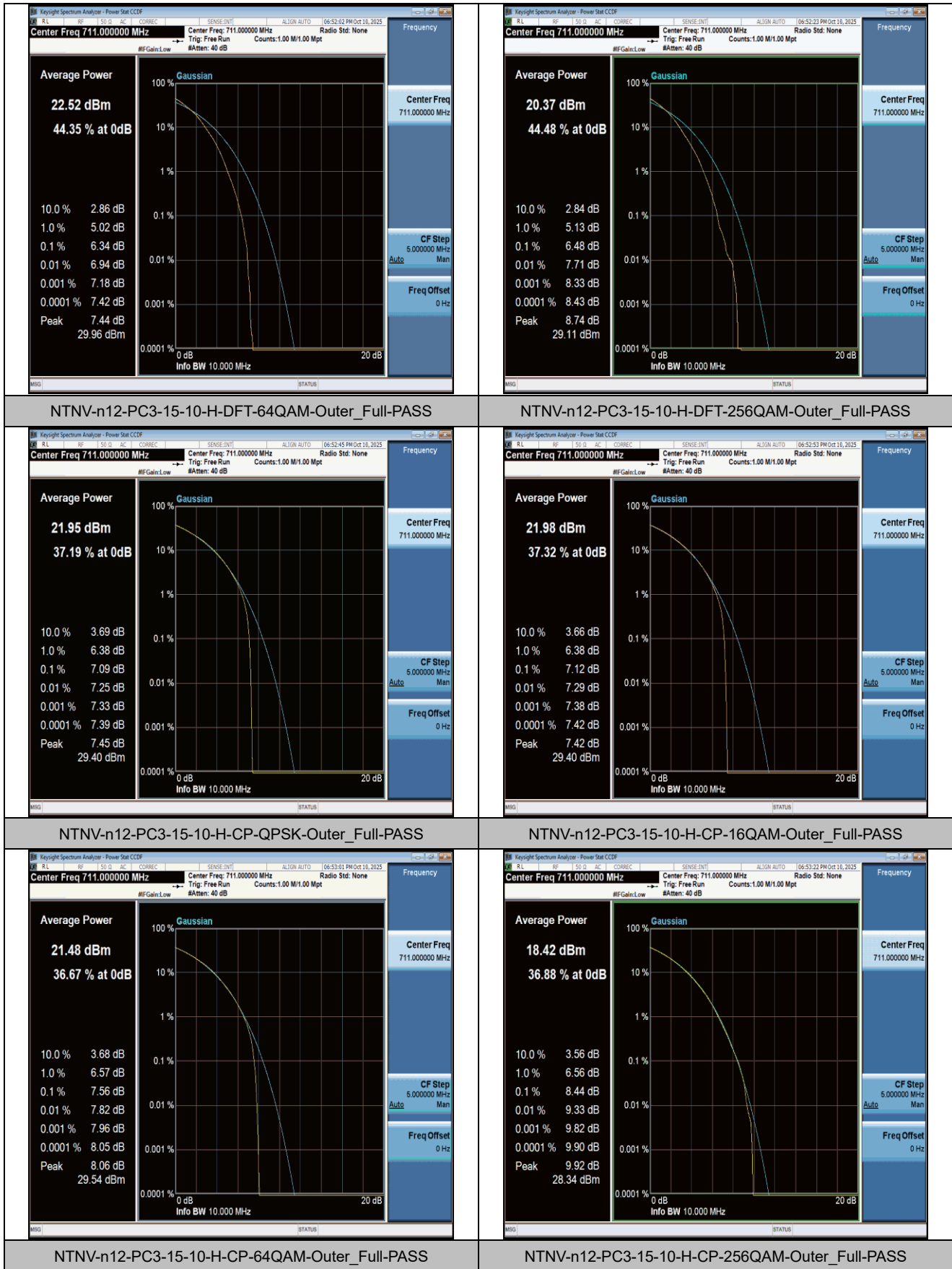


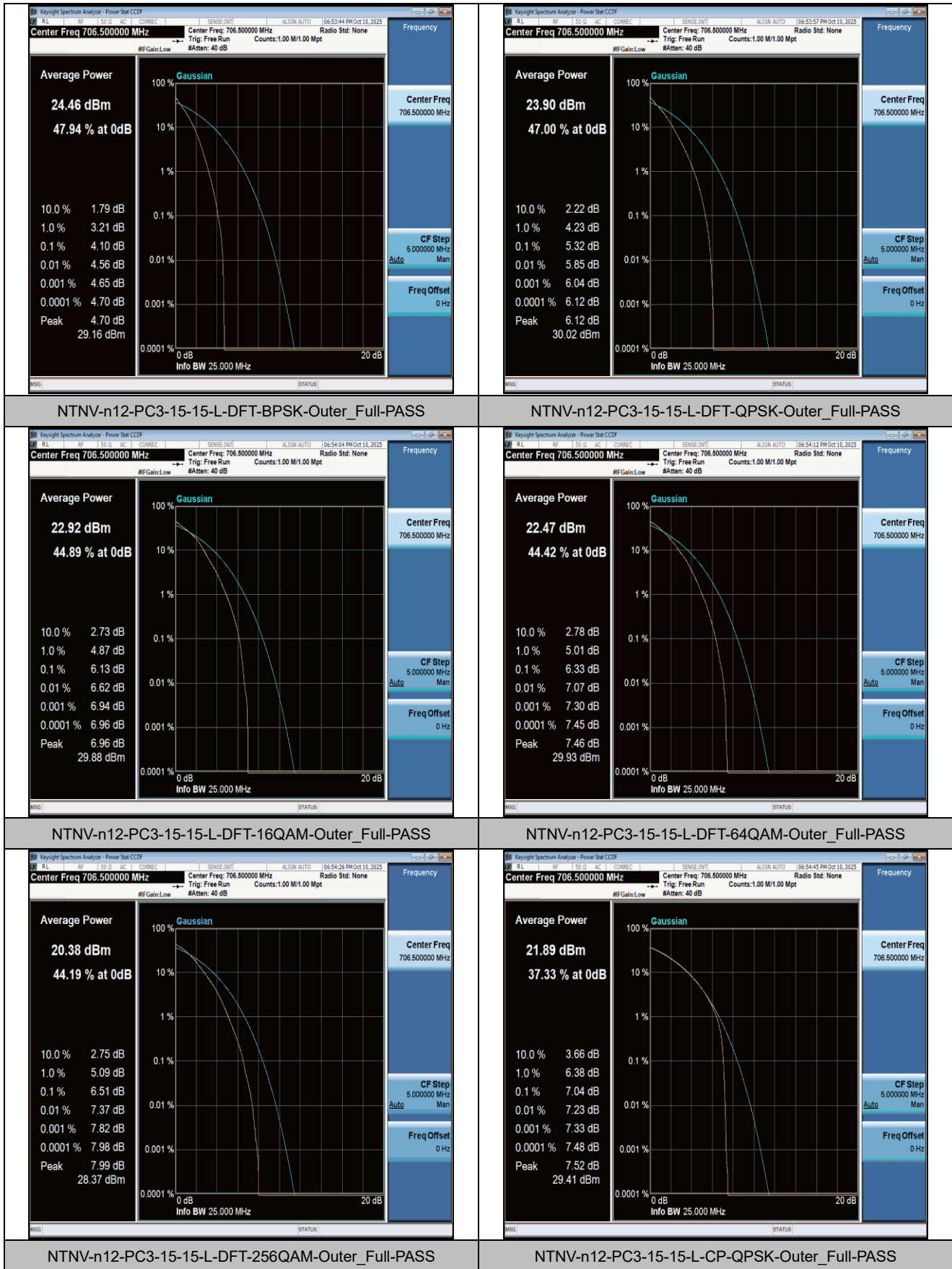


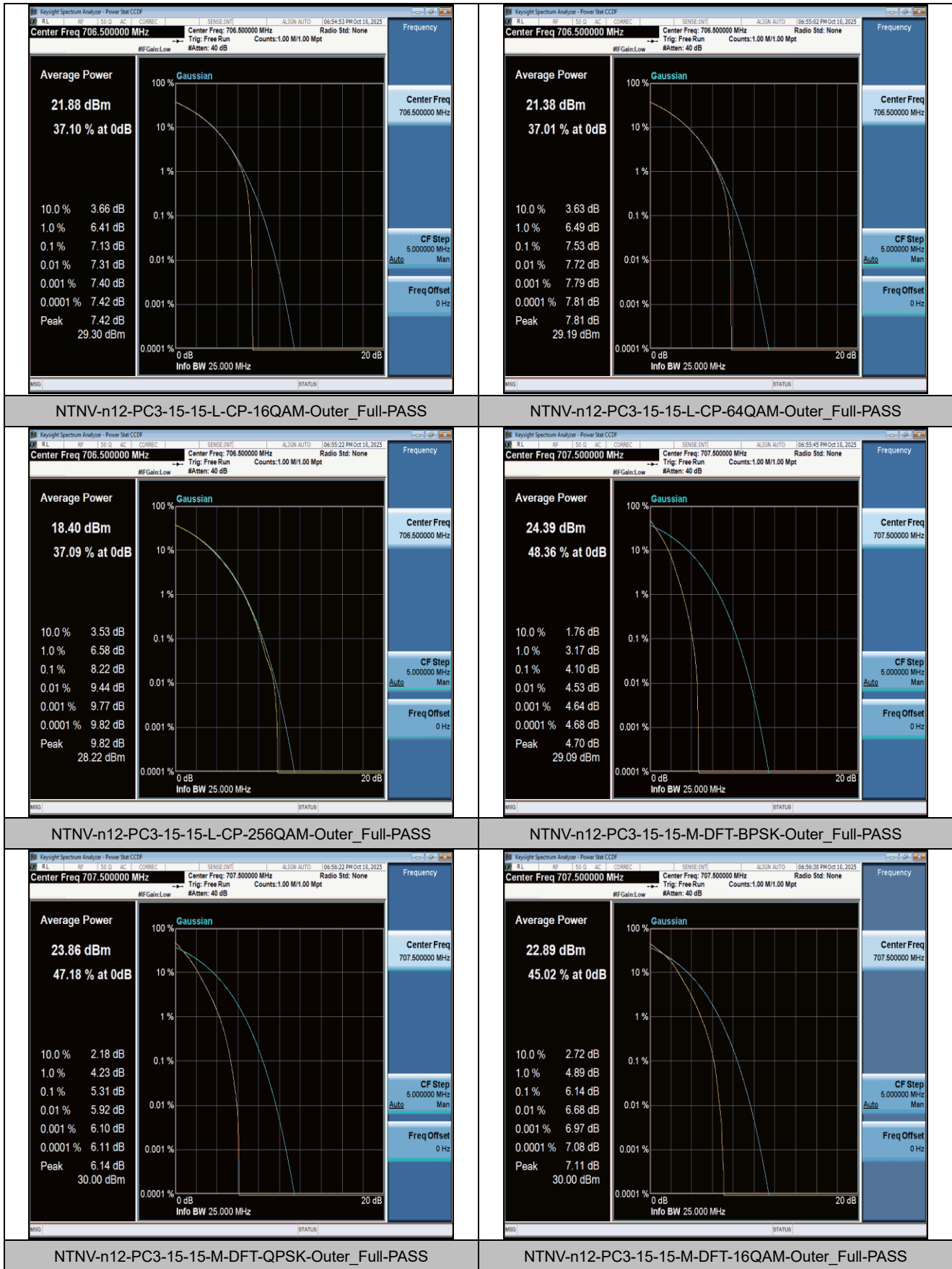


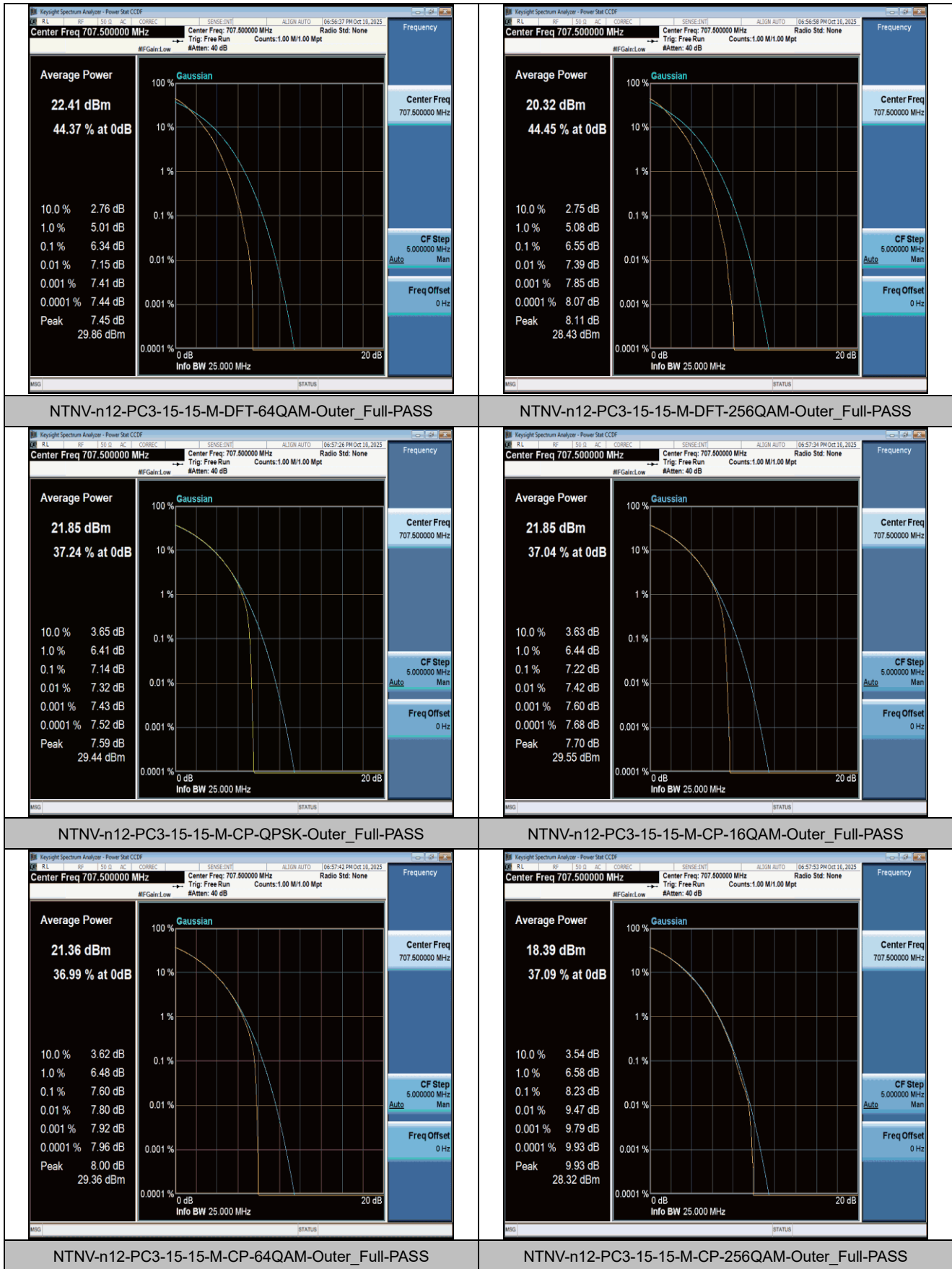


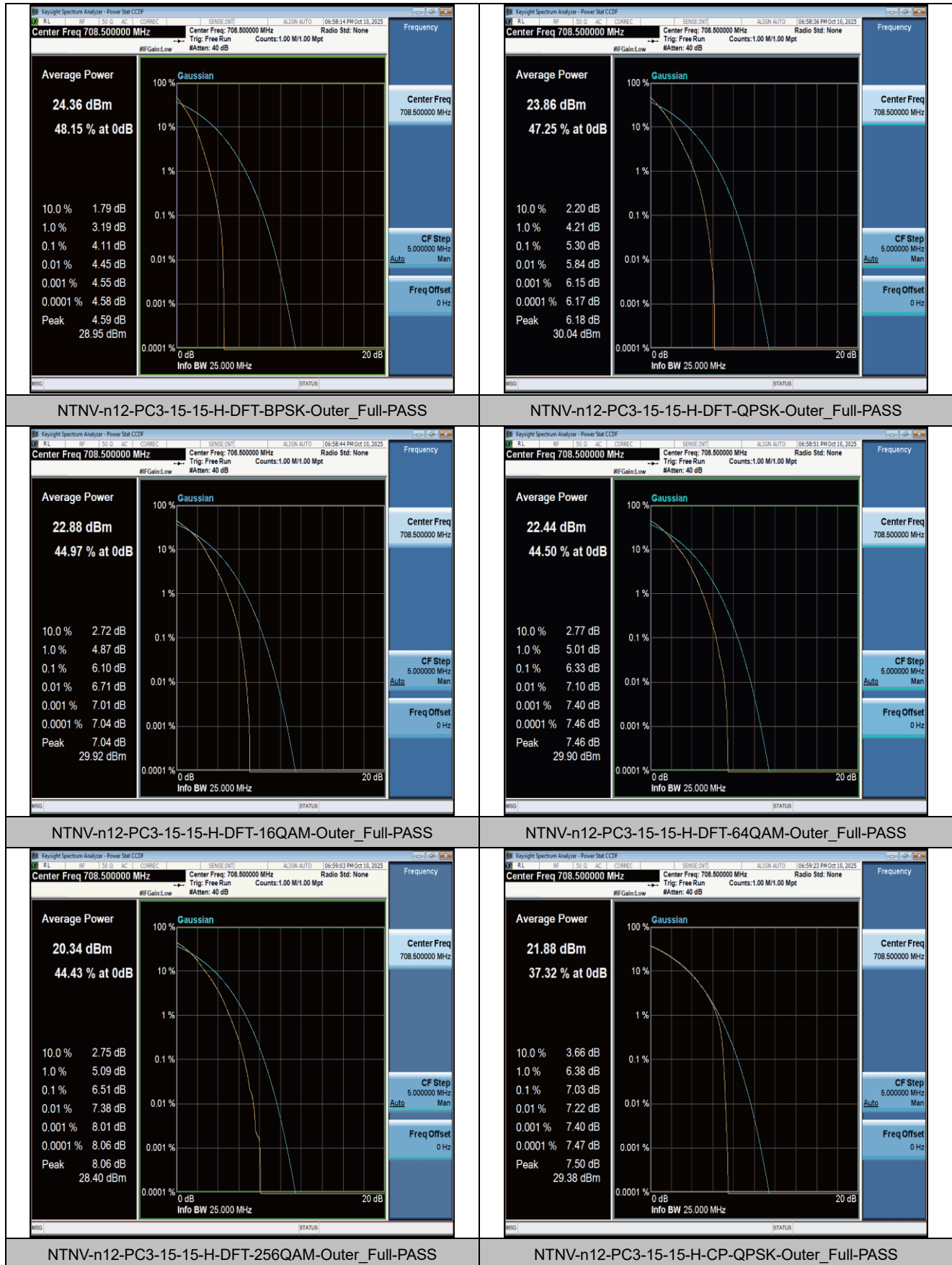


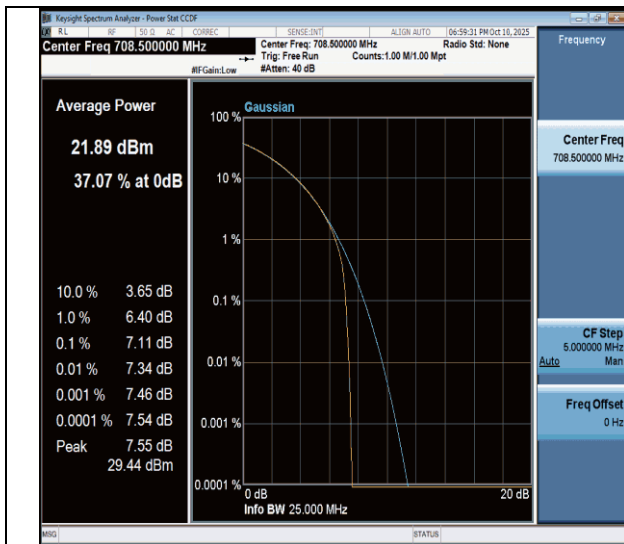




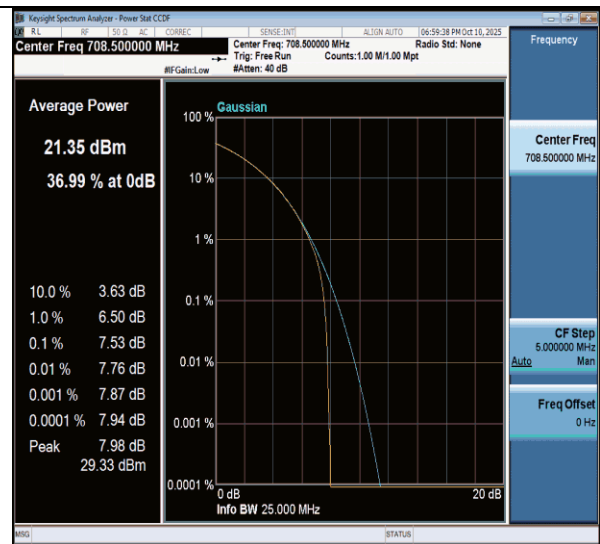




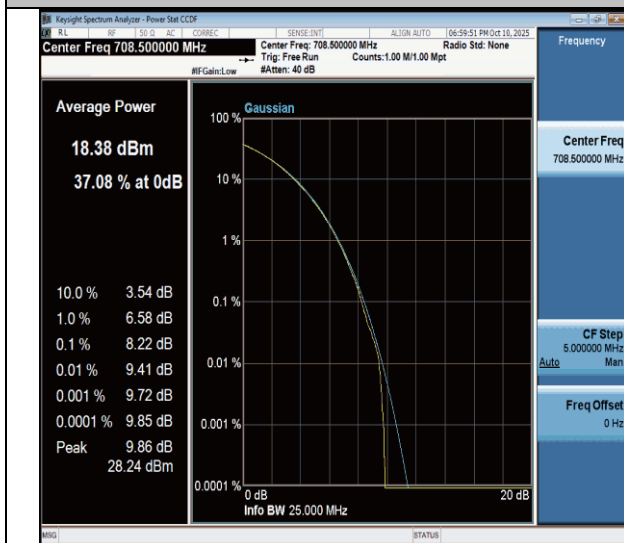




NTNV-n12-PC3-15-15-H-CP-16QAM-Outer_Full-PASS



NTNV-n12-PC3-15-15-H-CP-64QAM-Outer_Full-PASS



NTNV-n12-PC3-15-15-H-CP-256QAM-Outer_Full-PASS

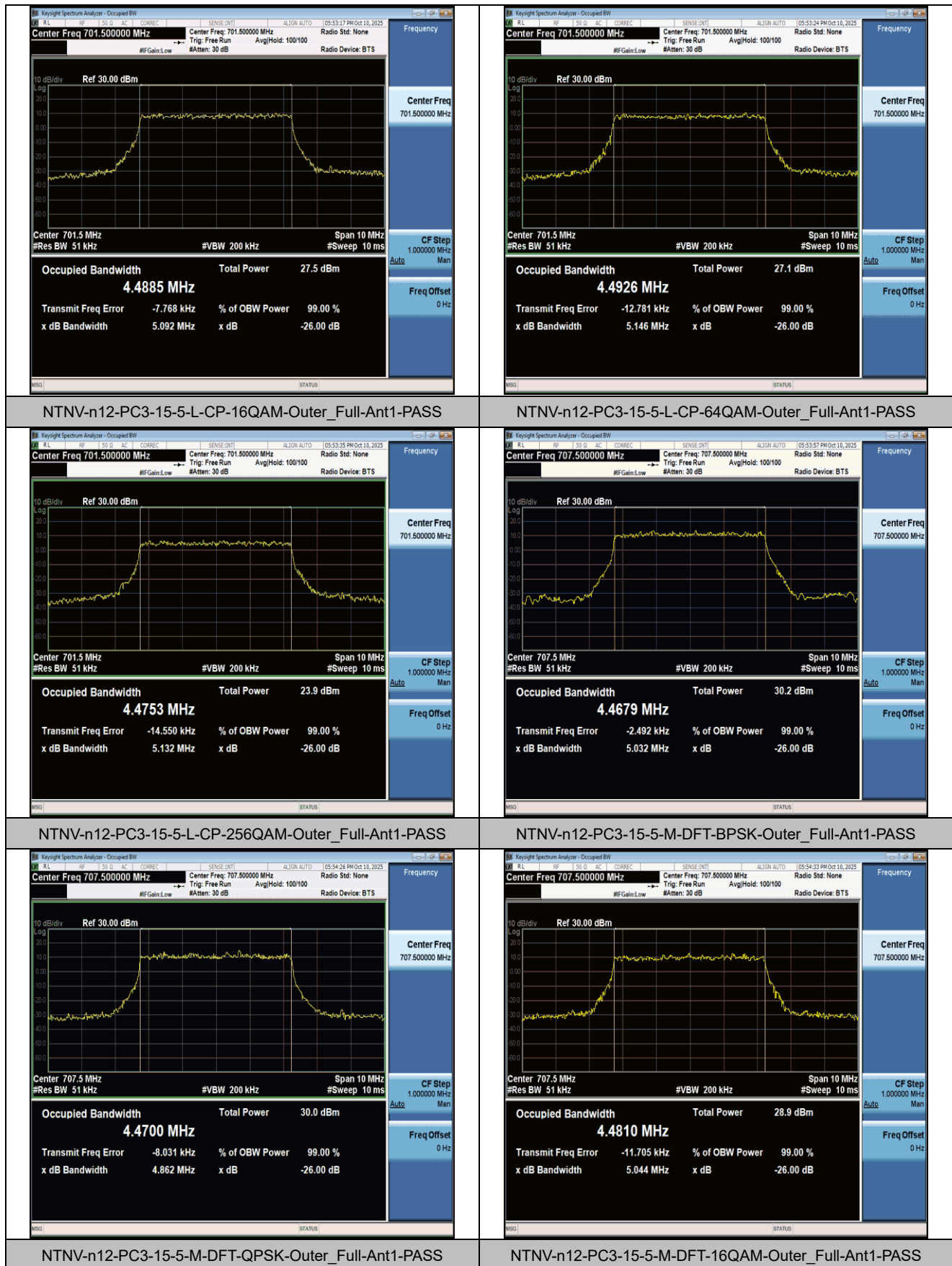
26dB Bandwidth and Occupied Bandwidth for SA**Test Result**

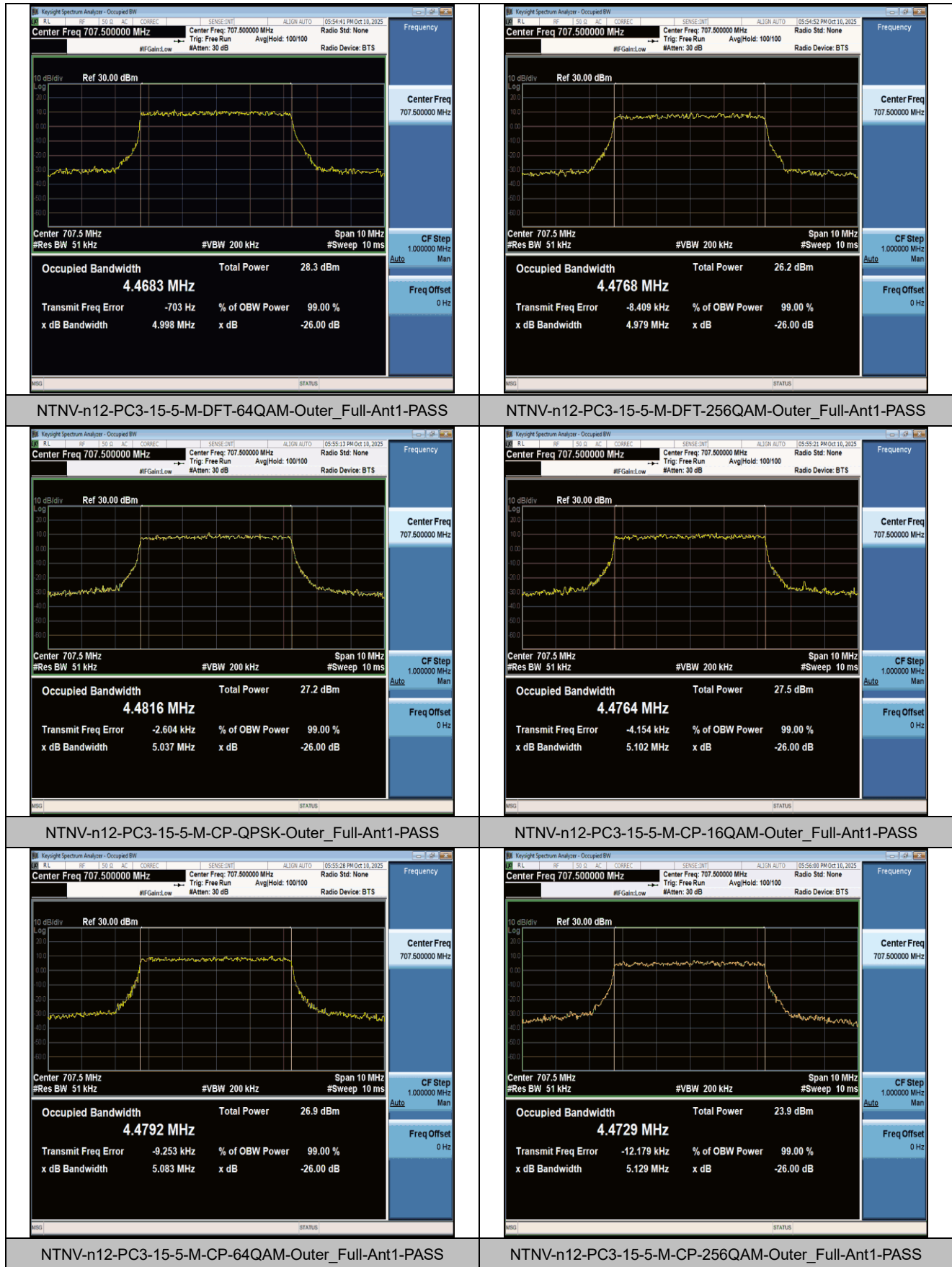
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
n12	15	5	DFT-BPSK	L	Outer_Full	4.4713	5.025	PASS
n12	15	5	DFT-QPSK	L	Outer_Full	4.4699	4.892	PASS
n12	15	5	DFT-16QAM	L	Outer_Full	4.4815	5.046	PASS
n12	15	5	DFT-64QAM	L	Outer_Full	4.4707	4.986	PASS
n12	15	5	DFT-256QAM	L	Outer_Full	4.4906	5.058	PASS
n12	15	5	CP-QPSK	L	Outer_Full	4.4902	5.098	PASS
n12	15	5	CP-16QAM	L	Outer_Full	4.4885	5.092	PASS
n12	15	5	CP-64QAM	L	Outer_Full	4.4926	5.146	PASS
n12	15	5	CP-256QAM	L	Outer_Full	4.4753	5.132	PASS
n12	15	5	DFT-BPSK	M	Outer_Full	4.4679	5.032	PASS
n12	15	5	DFT-QPSK	M	Outer_Full	4.4700	4.862	PASS
n12	15	5	DFT-16QAM	M	Outer_Full	4.4810	5.044	PASS
n12	15	5	DFT-64QAM	M	Outer_Full	4.4683	4.998	PASS
n12	15	5	DFT-256QAM	M	Outer_Full	4.4768	4.979	PASS
n12	15	5	CP-QPSK	M	Outer_Full	4.4816	5.037	PASS
n12	15	5	CP-16QAM	M	Outer_Full	4.4764	5.102	PASS
n12	15	5	CP-64QAM	M	Outer_Full	4.4792	5.083	PASS
n12	15	5	CP-256QAM	M	Outer_Full	4.4729	5.129	PASS
n12	15	5	DFT-BPSK	H	Outer_Full	4.4730	5.062	PASS
n12	15	5	DFT-QPSK	H	Outer_Full	4.4756	4.874	PASS
n12	15	5	DFT-16QAM	H	Outer_Full	4.4846	5.055	PASS
n12	15	5	DFT-64QAM	H	Outer_Full	4.4804	4.987	PASS
n12	15	5	DFT-256QAM	H	Outer_Full	4.4665	4.950	PASS
n12	15	5	CP-QPSK	H	Outer_Full	4.4814	5.047	PASS
n12	15	5	CP-16QAM	H	Outer_Full	4.4837	5.058	PASS
n12	15	5	CP-64QAM	H	Outer_Full	4.4824	5.137	PASS
n12	15	5	CP-256QAM	H	Outer_Full	4.4839	5.199	PASS
n12	15	10	DFT-BPSK	L	Outer_Full	8.9039	9.576	PASS
n12	15	10	DFT-QPSK	L	Outer_Full	8.9216	9.647	PASS
n12	15	10	DFT-16QAM	L	Outer_Full	8.9467	9.670	PASS
n12	15	10	DFT-64QAM	L	Outer_Full	8.9348	9.637	PASS
n12	15	10	DFT-256QAM	L	Outer_Full	8.9296	9.690	PASS
n12	15	10	CP-QPSK	L	Outer_Full	9.2751	10.12	PASS
n12	15	10	CP-16QAM	L	Outer_Full	9.2733	10.14	PASS
n12	15	10	CP-64QAM	L	Outer_Full	9.2717	9.979	PASS
n12	15	10	CP-256QAM	L	Outer_Full	9.2943	10.06	PASS
n12	15	10	DFT-BPSK	M	Outer_Full	8.8921	9.588	PASS
n12	15	10	DFT-QPSK	M	Outer_Full	8.9083	9.645	PASS
n12	15	10	DFT-16QAM	M	Outer_Full	8.9240	9.531	PASS

n12	15	10	DFT-64QAM	M	Outer_Full	8.9217	9.524	PASS
n12	15	10	DFT-256QAM	M	Outer_Full	8.9093	9.537	PASS
n12	15	10	CP-QPSK	M	Outer_Full	9.2645	10.04	PASS
n12	15	10	CP-16QAM	M	Outer_Full	9.2623	10.02	PASS
n12	15	10	CP-64QAM	M	Outer_Full	9.2610	10.01	PASS
n12	15	10	CP-256QAM	M	Outer_Full	9.2836	10.10	PASS
n12	15	10	DFT-BPSK	H	Outer_Full	8.8995	9.580	PASS
n12	15	10	DFT-QPSK	H	Outer_Full	8.9108	9.672	PASS
n12	15	10	DFT-16QAM	H	Outer_Full	8.9310	9.700	PASS
n12	15	10	DFT-64QAM	H	Outer_Full	8.9242	9.589	PASS
n12	15	10	DFT-256QAM	H	Outer_Full	8.9057	9.575	PASS
n12	15	10	CP-QPSK	H	Outer_Full	9.2641	10.05	PASS
n12	15	10	CP-16QAM	H	Outer_Full	9.2631	9.989	PASS
n12	15	10	CP-64QAM	H	Outer_Full	9.2607	9.990	PASS
n12	15	10	CP-256QAM	H	Outer_Full	9.2921	10.07	PASS
n12	15	15	DFT-BPSK	L	Outer_Full	13.367	14.23	PASS
n12	15	15	DFT-QPSK	L	Outer_Full	13.380	14.14	PASS
n12	15	15	DFT-16QAM	L	Outer_Full	13.394	14.23	PASS
n12	15	15	DFT-64QAM	L	Outer_Full	13.371	14.30	PASS
n12	15	15	DFT-256QAM	L	Outer_Full	13.382	14.17	PASS
n12	15	15	CP-QPSK	L	Outer_Full	14.060	14.90	PASS
n12	15	15	CP-16QAM	L	Outer_Full	14.092	15.04	PASS
n12	15	15	CP-64QAM	L	Outer_Full	14.095	14.96	PASS
n12	15	15	CP-256QAM	L	Outer_Full	14.063	14.97	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	13.363	14.22	PASS
n12	15	15	DFT-QPSK	M	Outer_Full	13.382	14.26	PASS
n12	15	15	DFT-16QAM	M	Outer_Full	13.384	14.30	PASS
n12	15	15	DFT-64QAM	M	Outer_Full	13.363	14.22	PASS
n12	15	15	DFT-256QAM	M	Outer_Full	13.401	14.16	PASS
n12	15	15	CP-QPSK	M	Outer_Full	14.064	14.97	PASS
n12	15	15	CP-16QAM	M	Outer_Full	14.081	14.96	PASS
n12	15	15	CP-64QAM	M	Outer_Full	14.103	15.07	PASS
n12	15	15	CP-256QAM	M	Outer_Full	14.079	15.00	PASS
n12	15	15	DFT-BPSK	H	Outer_Full	13.375	14.37	PASS
n12	15	15	DFT-QPSK	H	Outer_Full	13.374	14.23	PASS
n12	15	15	DFT-16QAM	H	Outer_Full	13.392	14.18	PASS
n12	15	15	DFT-64QAM	H	Outer_Full	13.367	14.21	PASS
n12	15	15	DFT-256QAM	H	Outer_Full	13.410	14.20	PASS
n12	15	15	CP-QPSK	H	Outer_Full	14.061	14.89	PASS
n12	15	15	CP-16QAM	H	Outer_Full	14.093	14.96	PASS
n12	15	15	CP-64QAM	H	Outer_Full	14.108	15.02	PASS
n12	15	15	CP-256QAM	H	Outer_Full	14.078	14.90	PASS

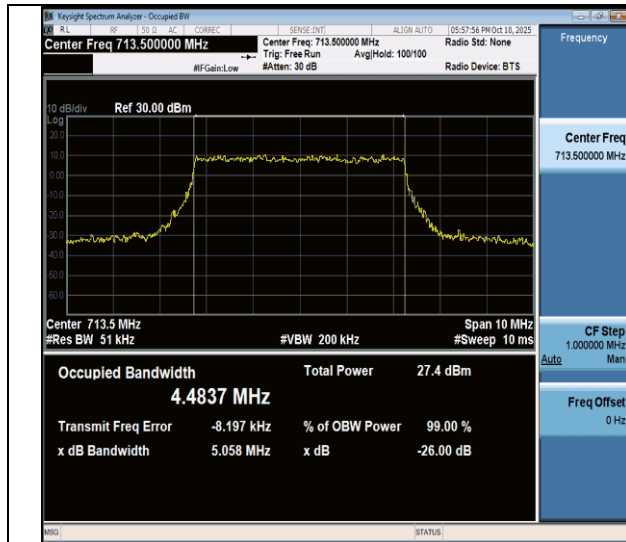
Test Graphs



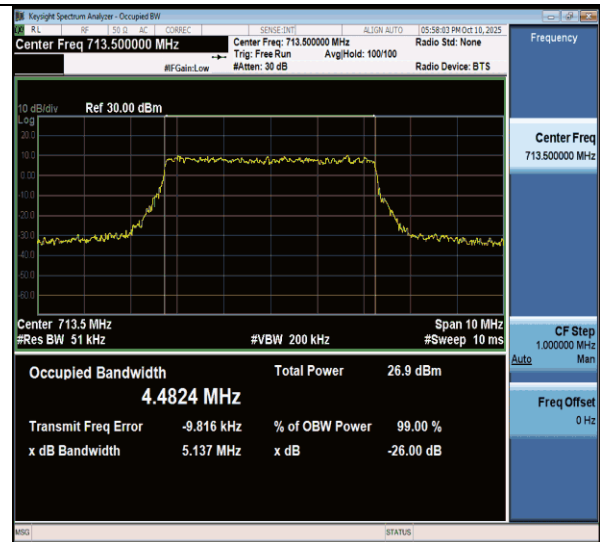




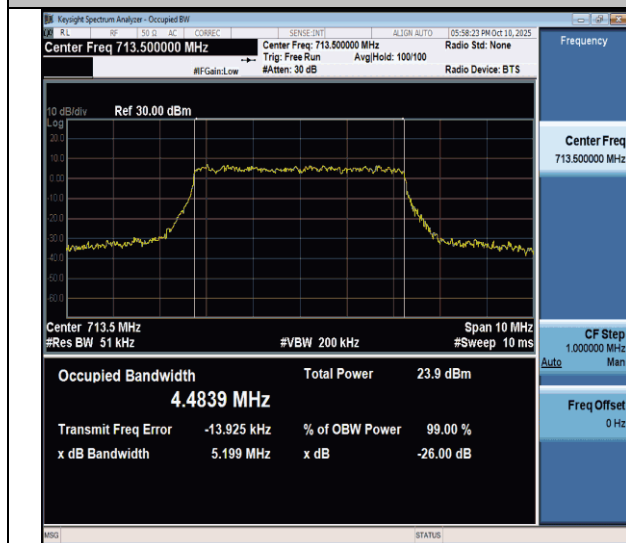




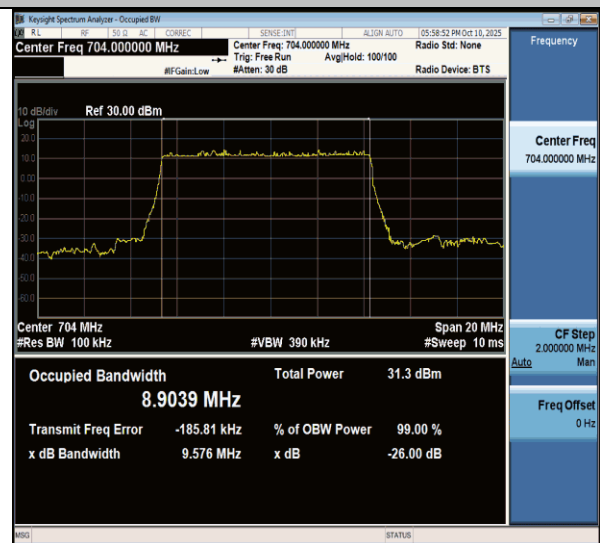
NTVN-n12-PC3-15-5-H-CP-16QAM-Outer_Full-Ant1-PASS



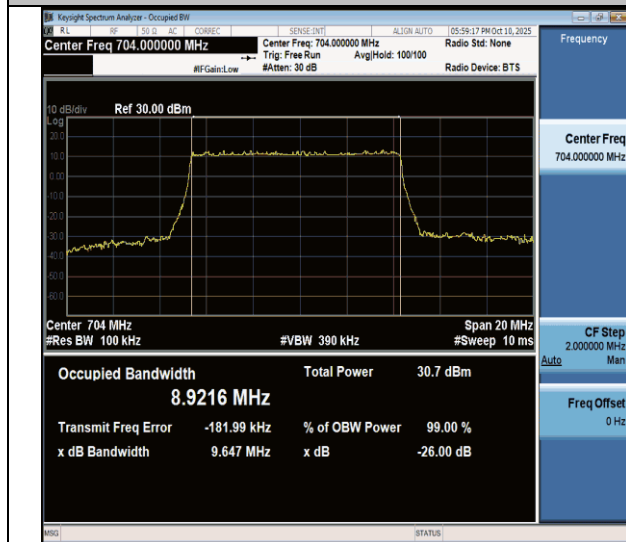
NTVN-n12-PC3-15-5-H-CP-64QAM-Outer_Full-Ant1-PASS



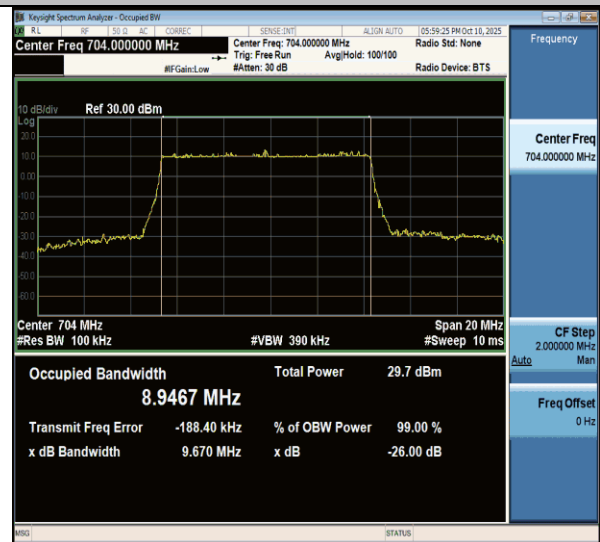
NTVN-n12-PC3-15-5-H-CP-256QAM-Outer_Full-Ant1-PASS



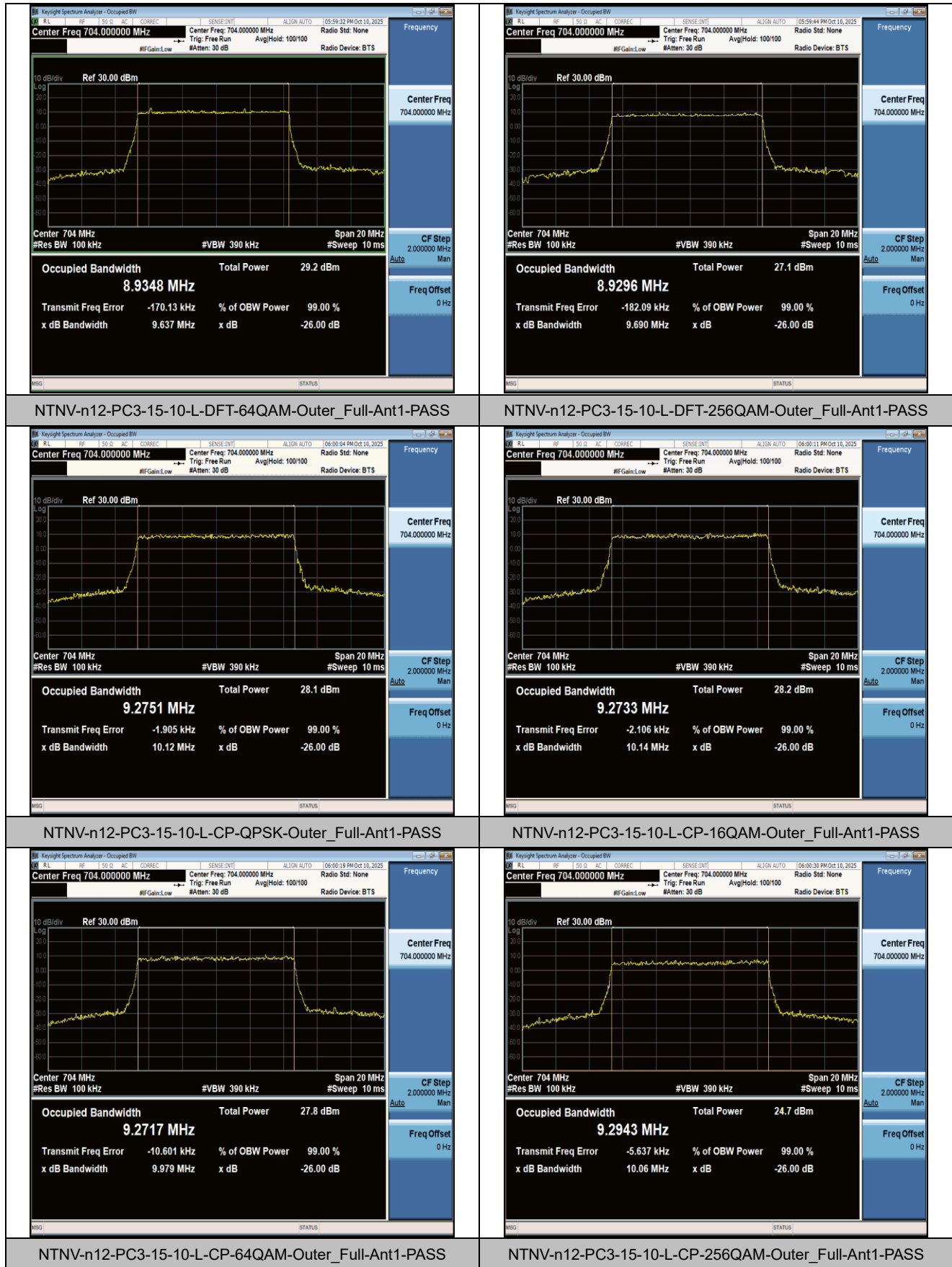
NTVN-n12-PC3-15-10-L-DFT-BPSK-Outer_Full-Ant1-PASS

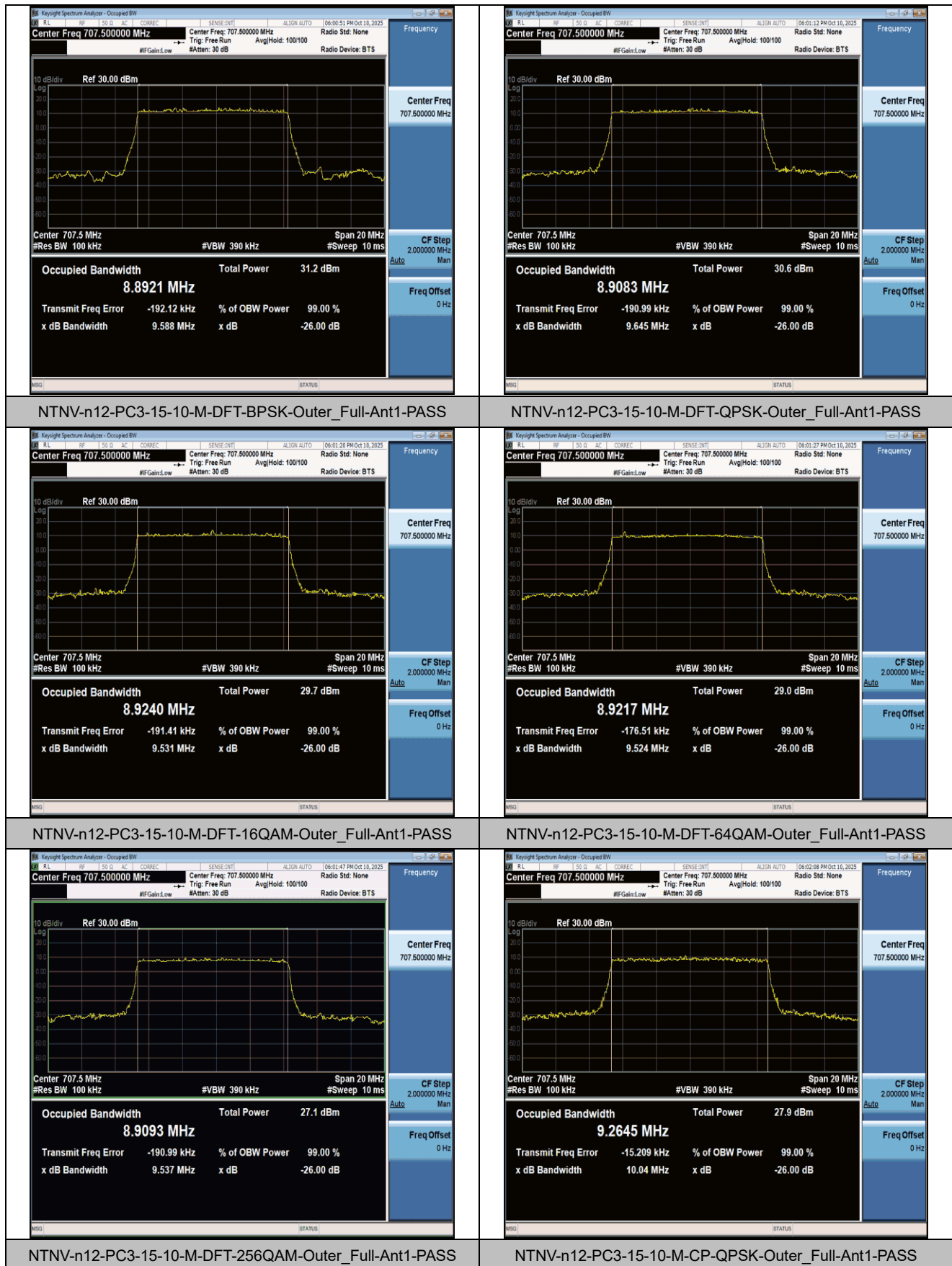


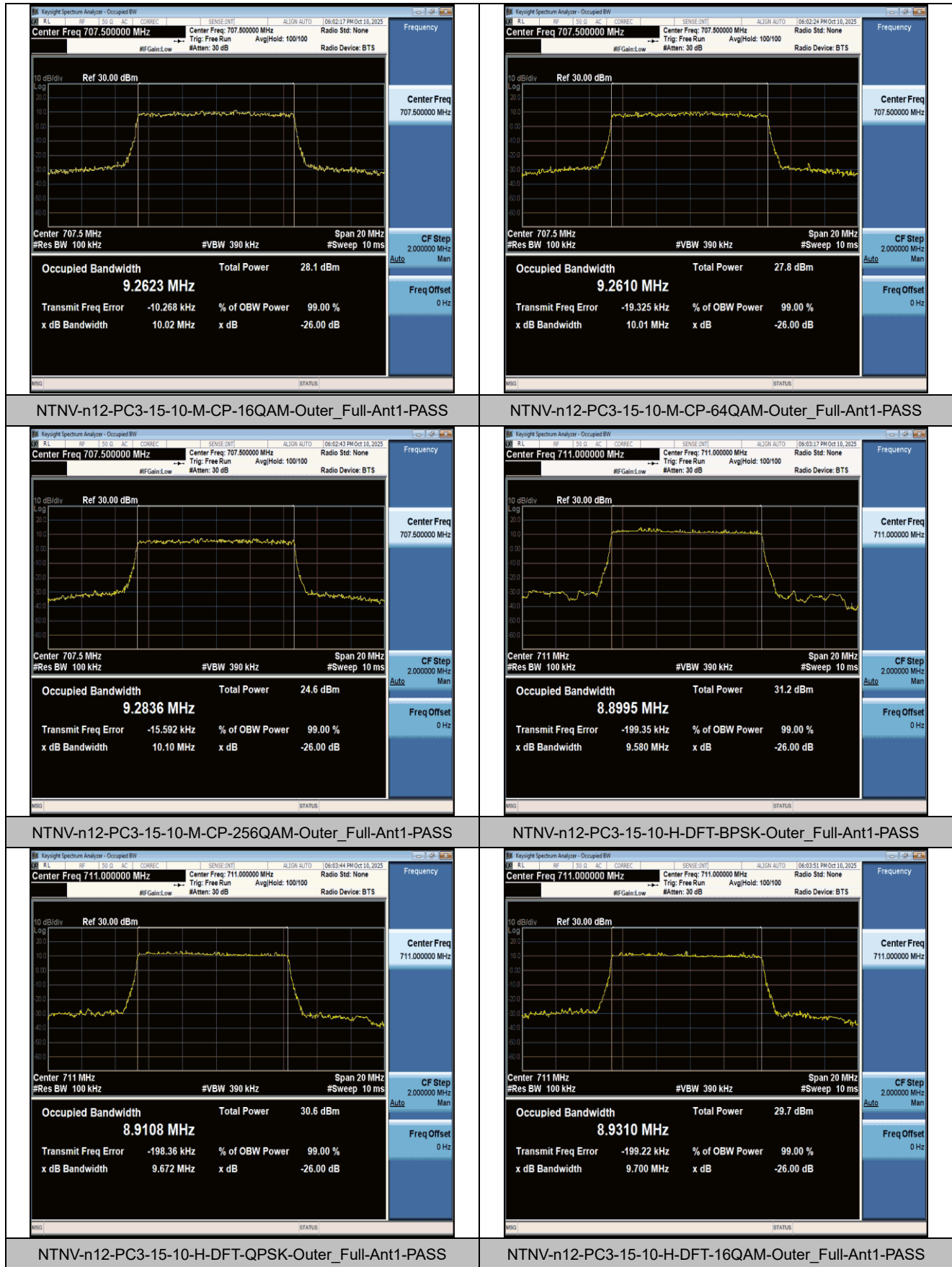
NTVN-n12-PC3-15-10-L-DFT-QPSK-Outer_Full-Ant1-PASS

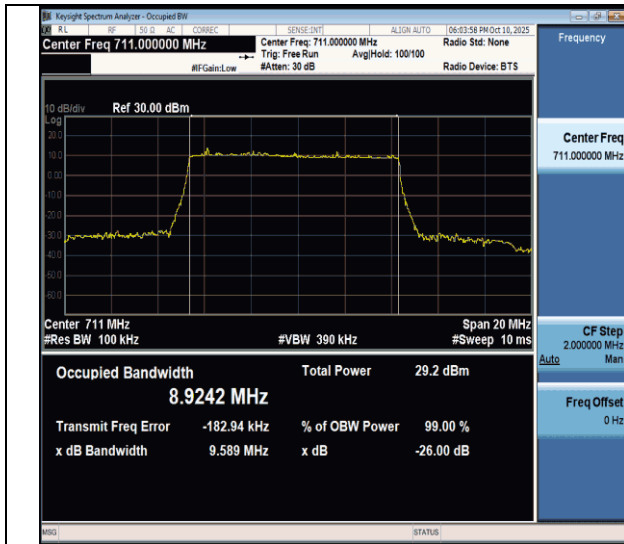


NTVN-n12-PC3-15-10-L-DFT-16QAM-Outer_Full-Ant1-PASS

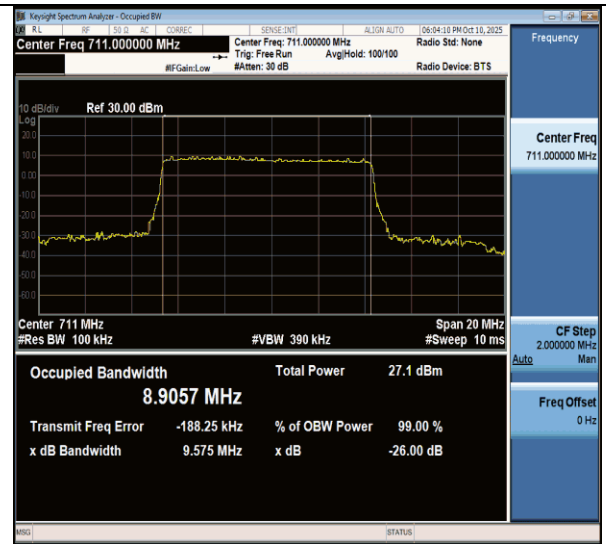




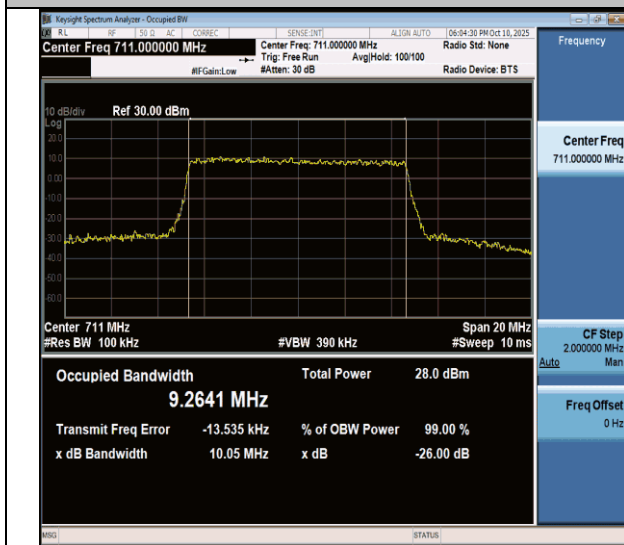




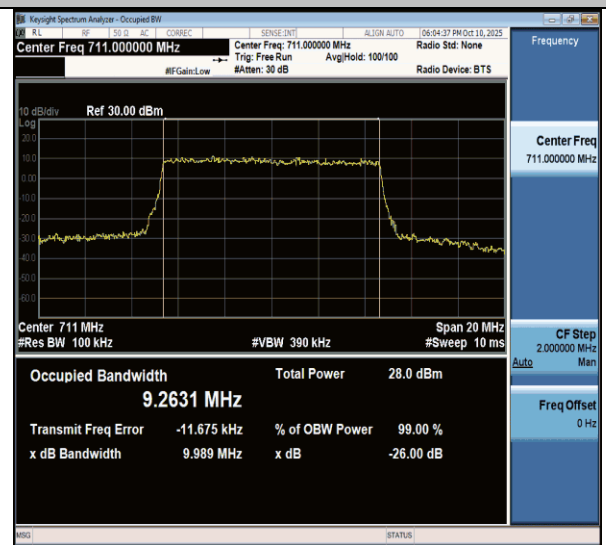
NTVN-n12-PC3-15-10-H-DFT-64QAM-Outer_Full-Ant1-PASS



NTVN-n12-PC3-15-10-H-DFT-256QAM-Outer_Full-Ant1-PASS



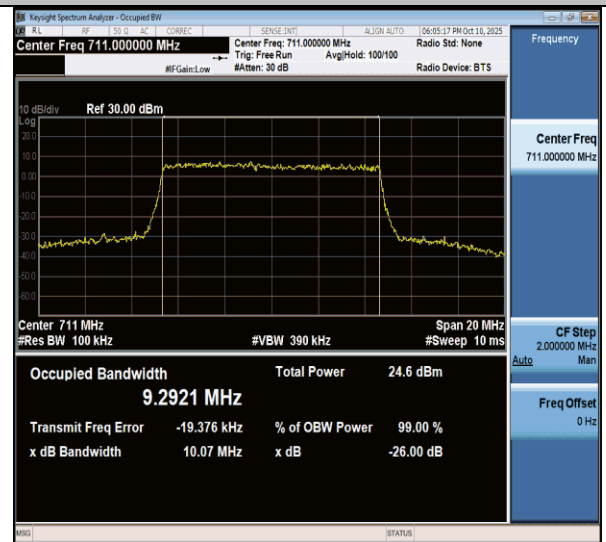
NTVN-n12-PC3-15-10-H-CP-QPSK-Outer_Full-Ant1-PASS



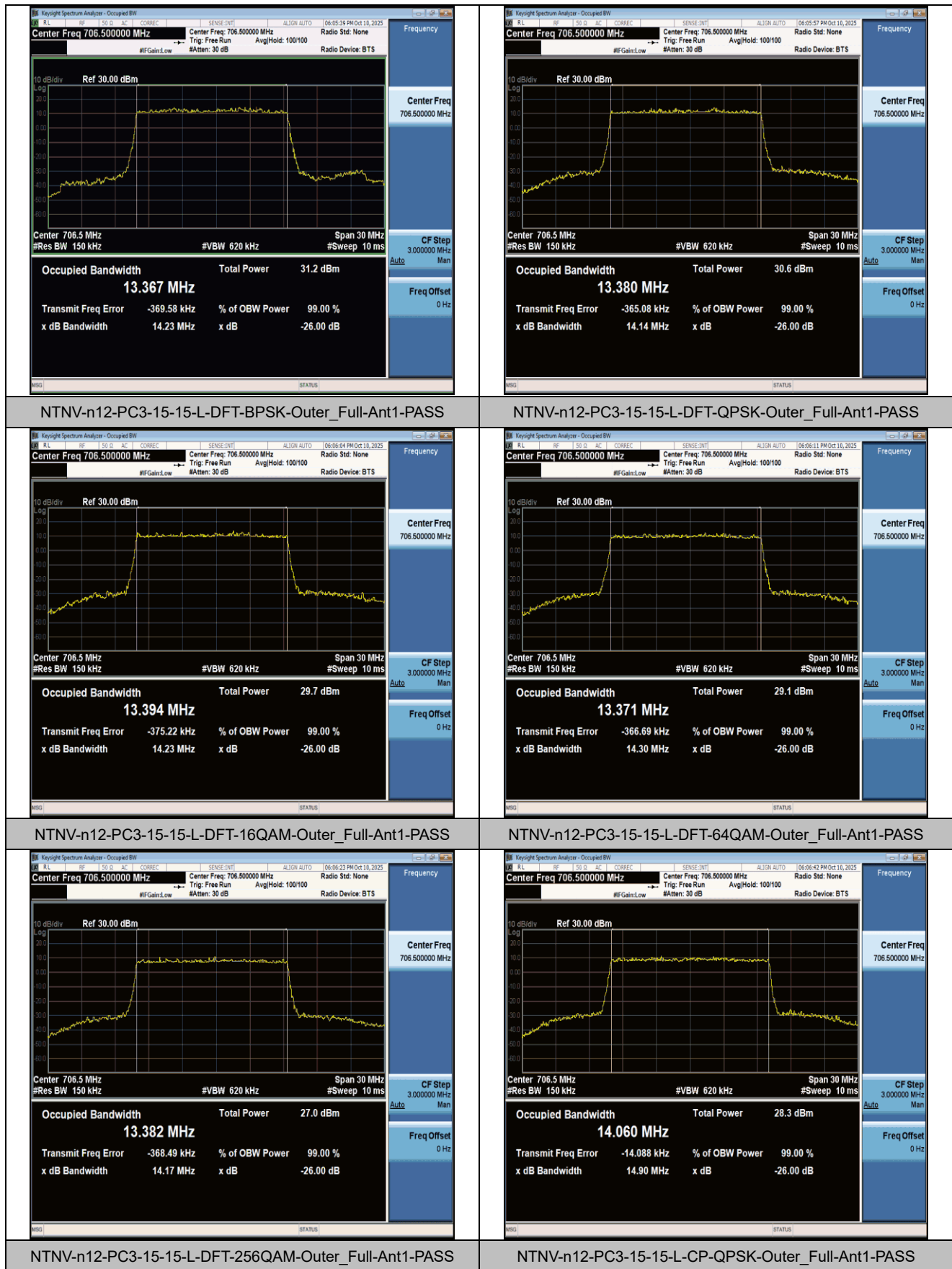
NTVN-n12-PC3-15-10-H-CP-16QAM-Outer_Full-Ant1-PASS

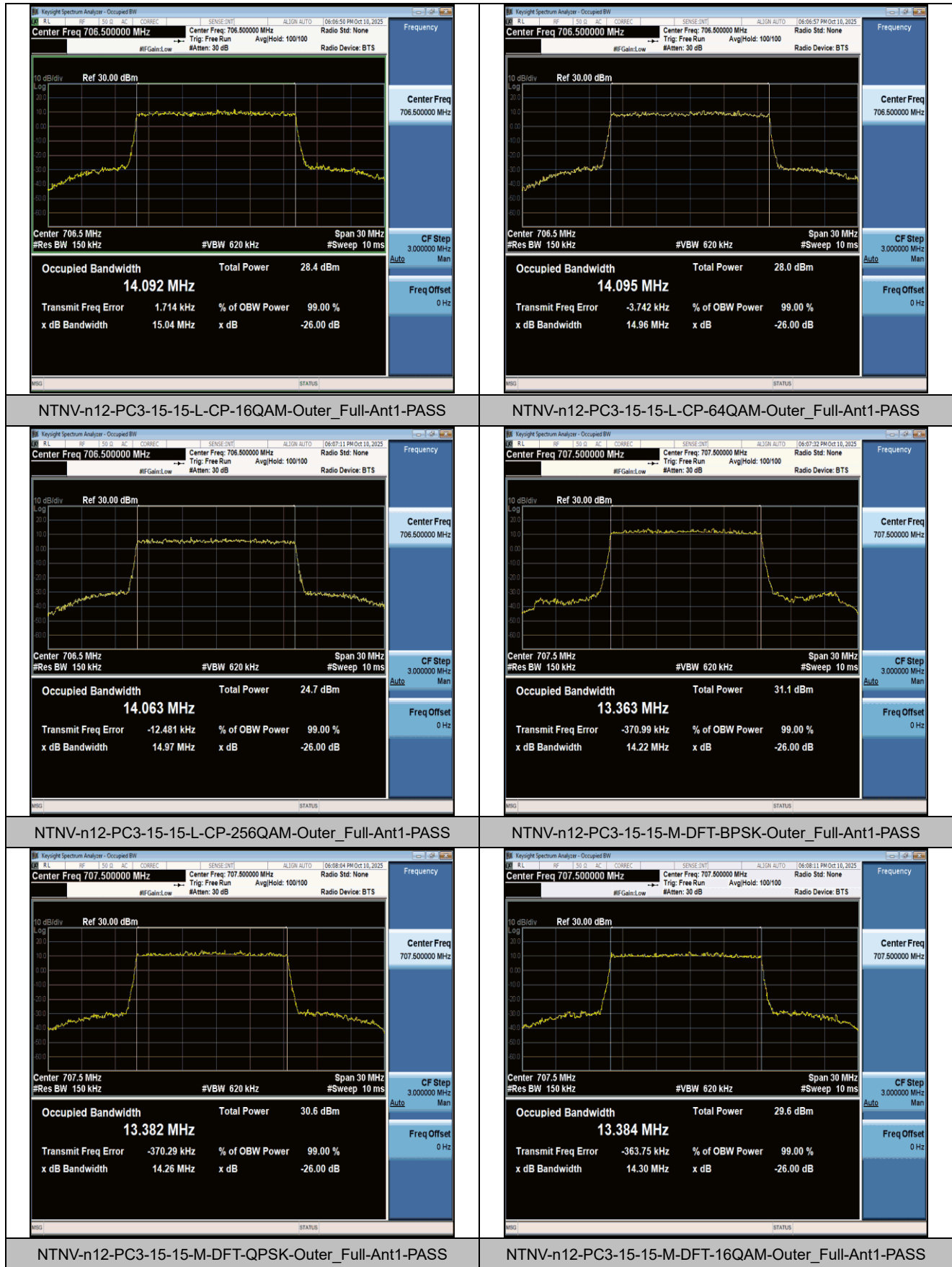


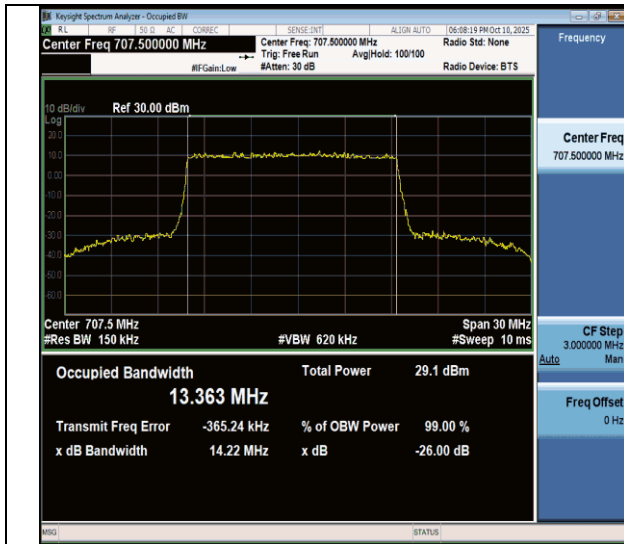
NTVN-n12-PC3-15-10-H-CP-64QAM-Outer_Full-Ant1-PASS



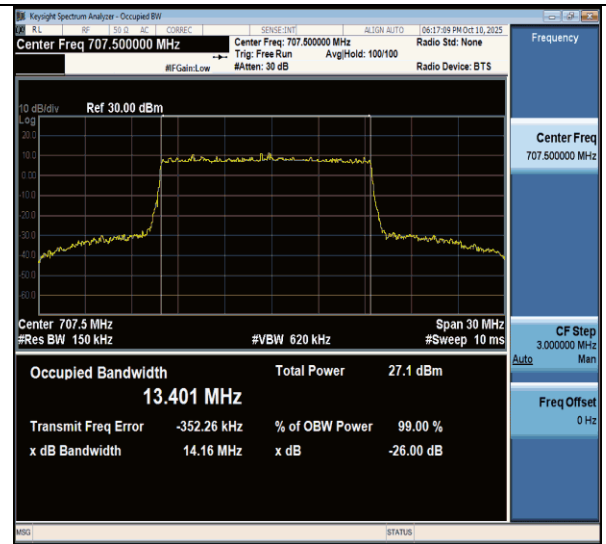
NTVN-n12-PC3-15-10-H-CP-256QAM-Outer_Full-Ant1-PASS



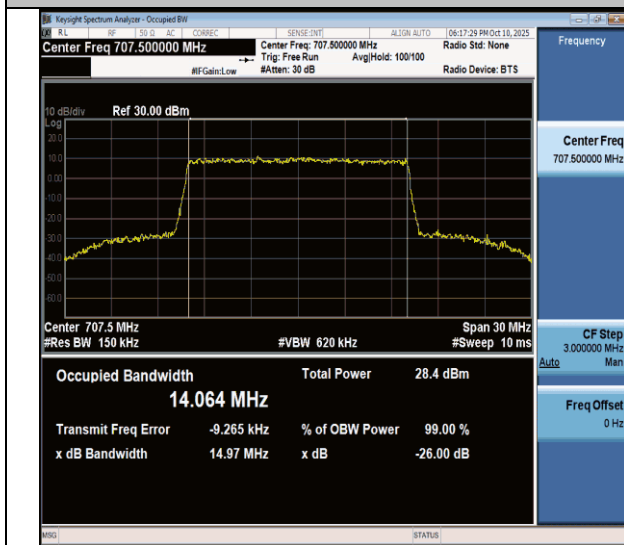




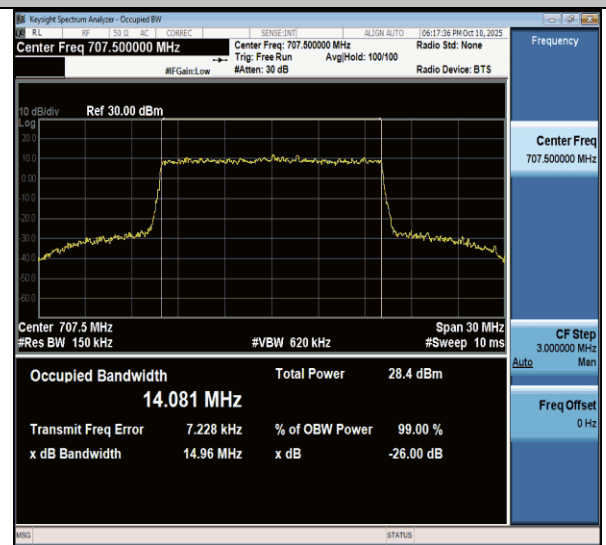
NTVN-n12-PC3-15-15-M-DFT-64QAM-Outer_Full-Ant1-PASS



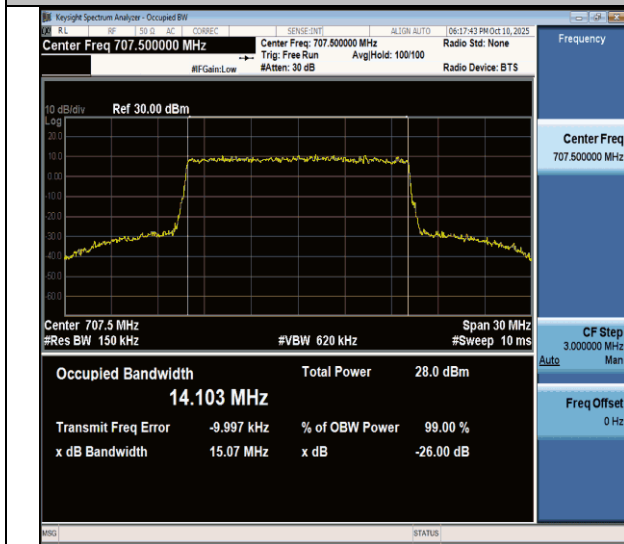
NTVN-n12-PC3-15-15-M-DFT-256QAM-Outer_Full-Ant1-PASS



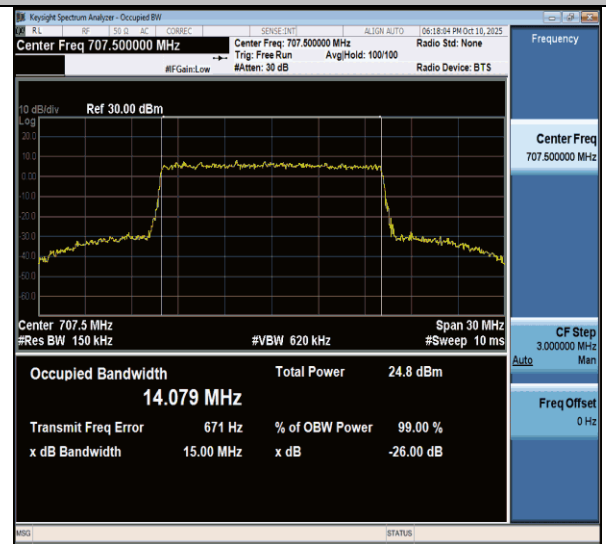
NTVN-n12-PC3-15-15-M-CP-QPSK-Outer_Full-Ant1-PASS



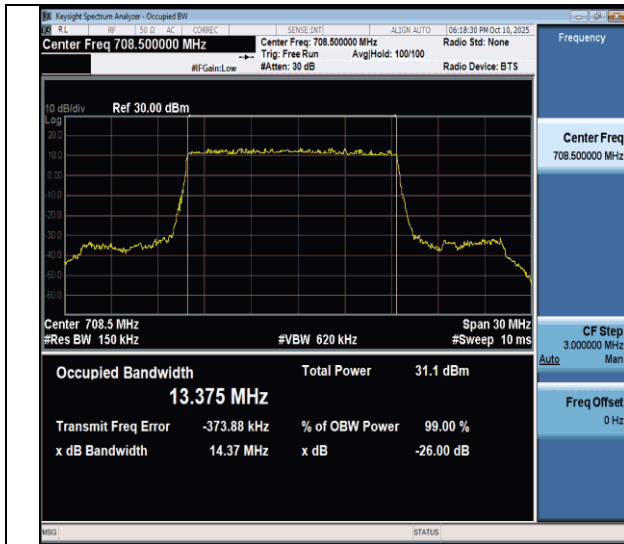
NTVN-n12-PC3-15-15-M-CP-16QAM-Outer_Full-Ant1-PASS



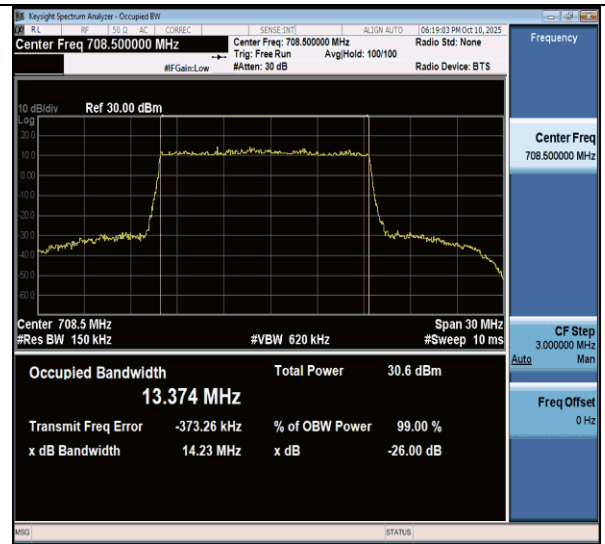
NTVN-n12-PC3-15-15-M-CP-64QAM-Outer_Full-Ant1-PASS



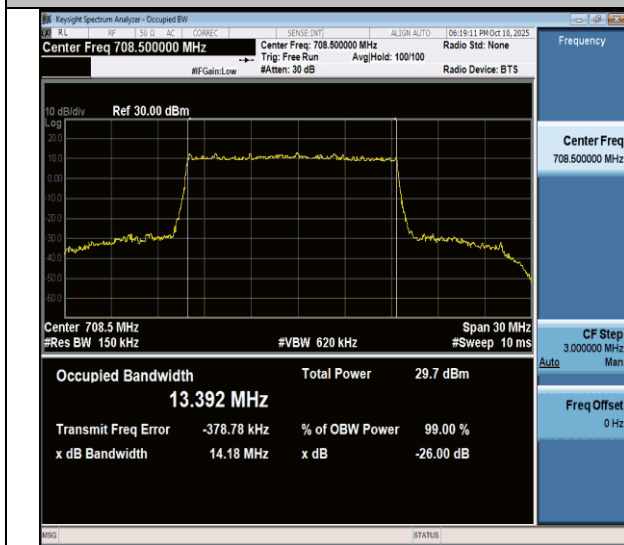
NTVN-n12-PC3-15-15-M-CP-256QAM-Outer_Full-Ant1-PASS



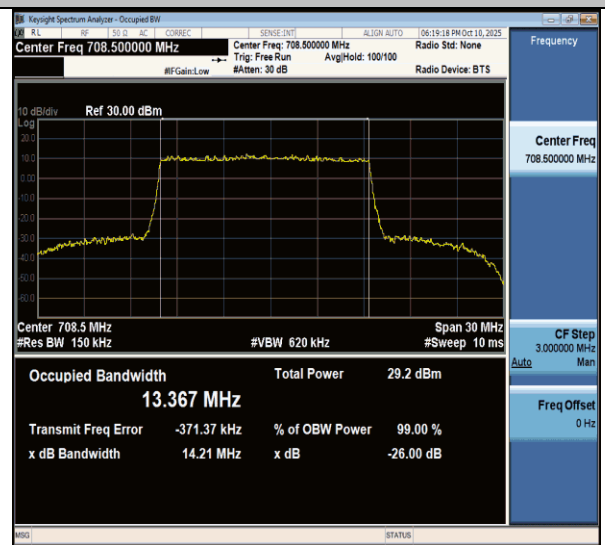
NTNV-n12-PC3-15-15-H-DFT-BPSK-Outter_Full-Ant1-PASS



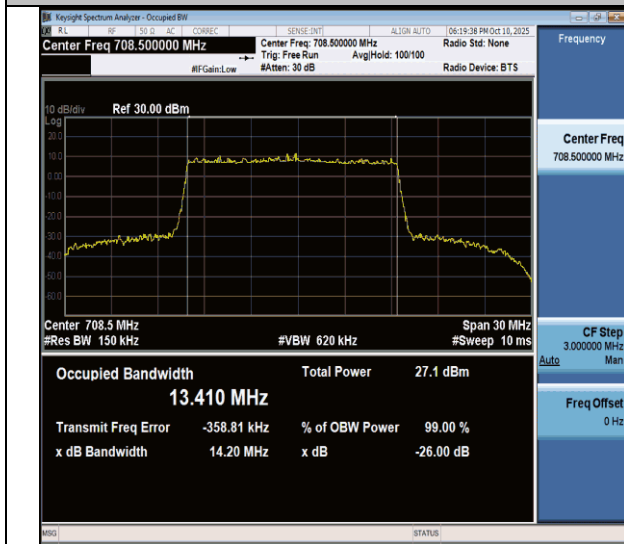
NTNV-n12-PC3-15-15-H-DFT-QPSK-Outter_Full-Ant1-PASS



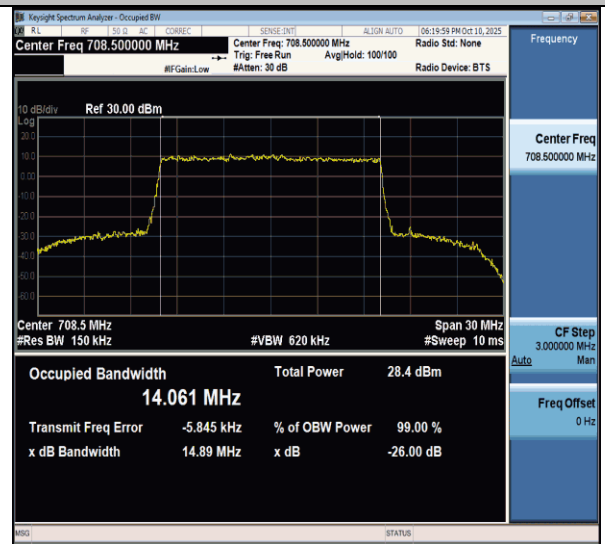
NTNV-n12-PC3-15-15-H-DFT-16QAM-Outter_Full-Ant1-PASS



NTNV-n12-PC3-15-15-H-DFT-64QAM-Outter_Full-Ant1-PASS



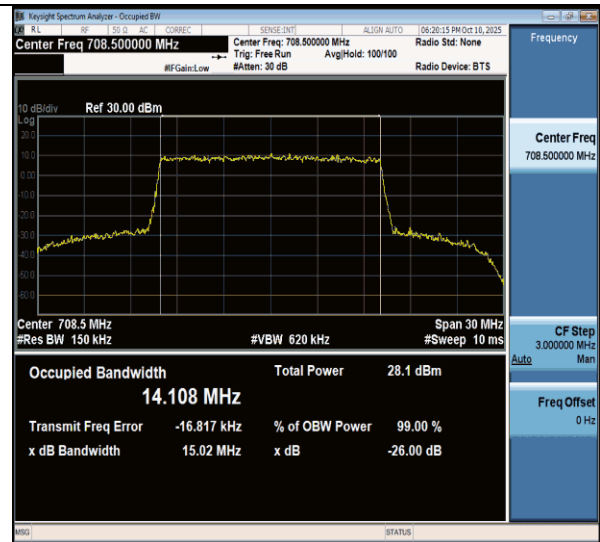
NTNV-n12-PC3-15-15-H-DFT-256QAM-Outter_Full-Ant1-PASS



NTNV-n12-PC3-15-15-H-CP-QPSK-Outter_Full-Ant1-PASS



NTNV-n12-PC3-15-15-H-CP-16QAM-Outer_Full-Ant1-PASS



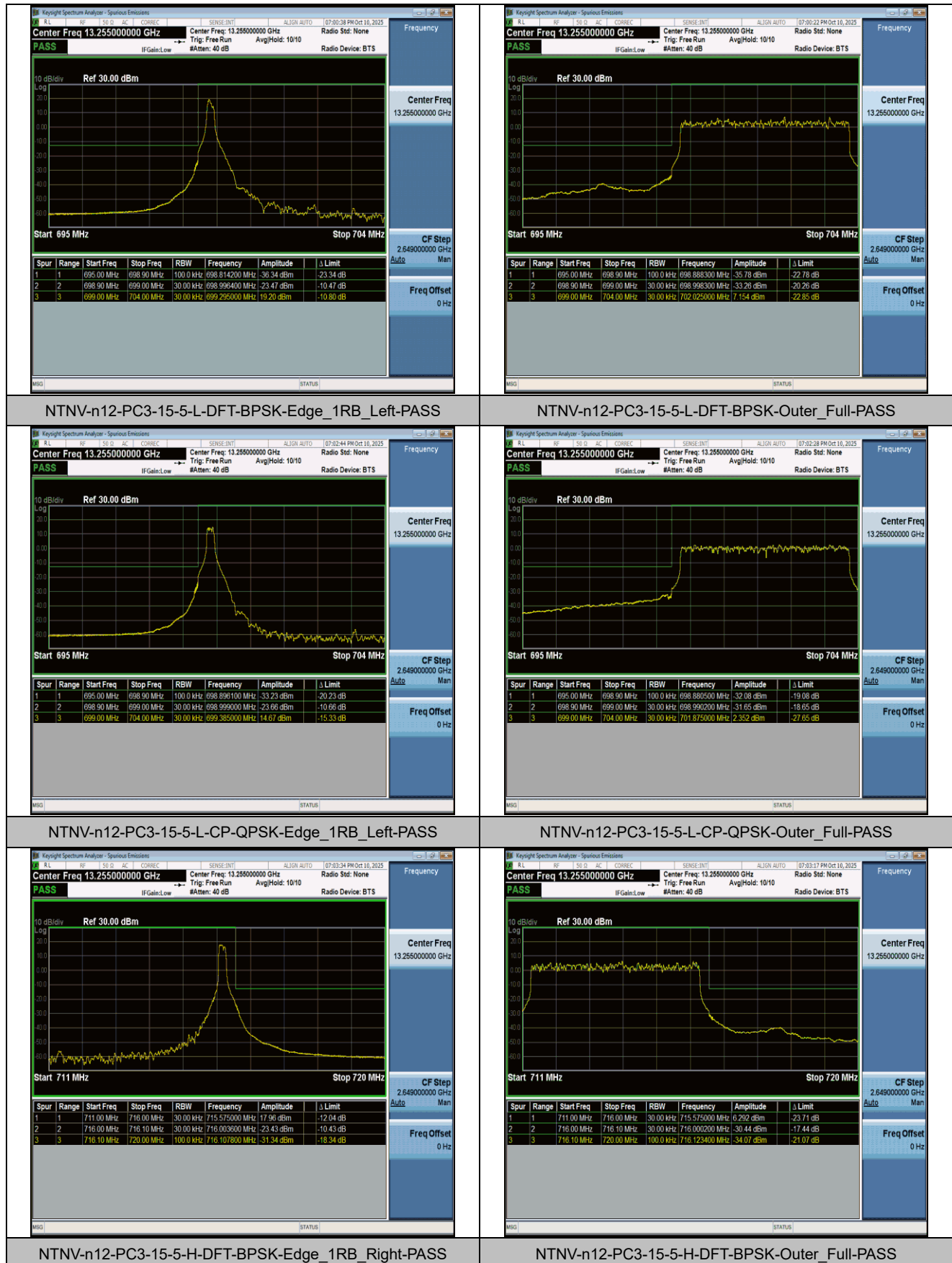
NTNV-n12-PC3-15-15-H-CP-64QAM-Outer_Full-Ant1-PASS

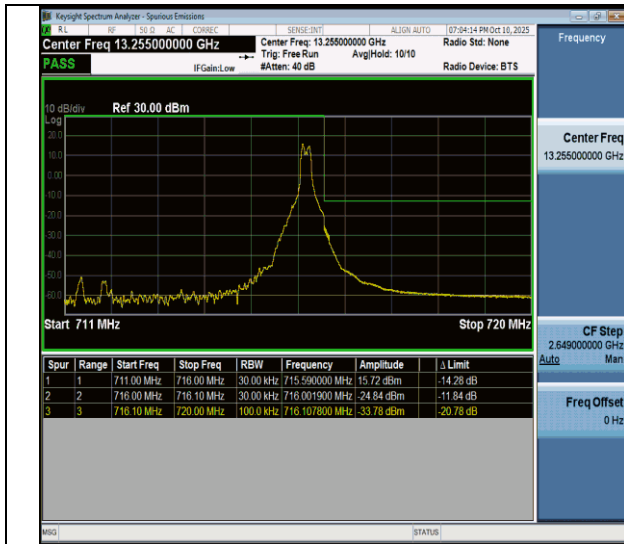


NTNV-n12-PC3-15-15-H-CP-256QAM-Outer_Full-Ant1-PASS

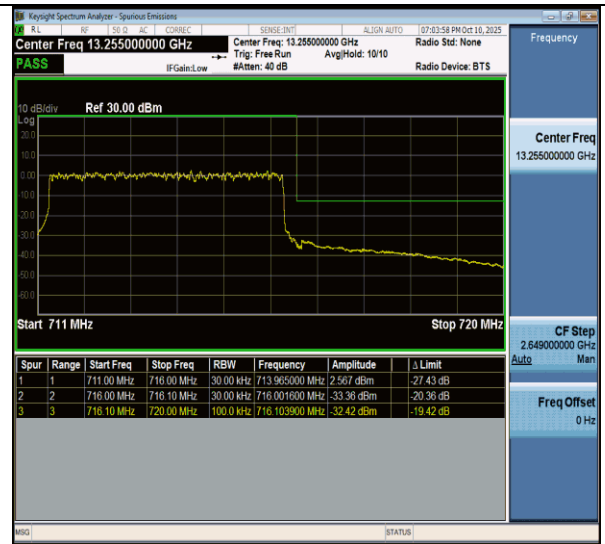
Band Edge for SA

Test Graphs

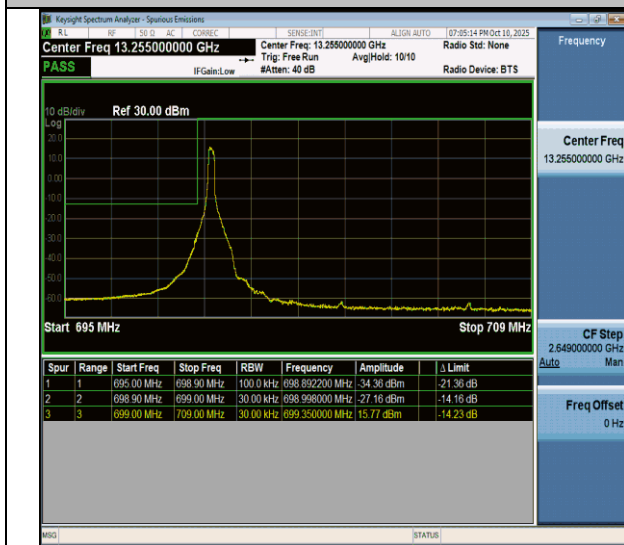




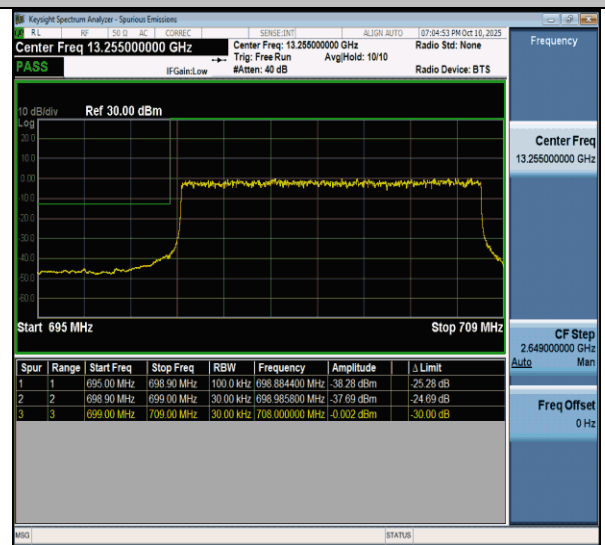
NTVN-n12-PC3-15-5-H-CP-QPSK-Edge_1RB_Right-PASS



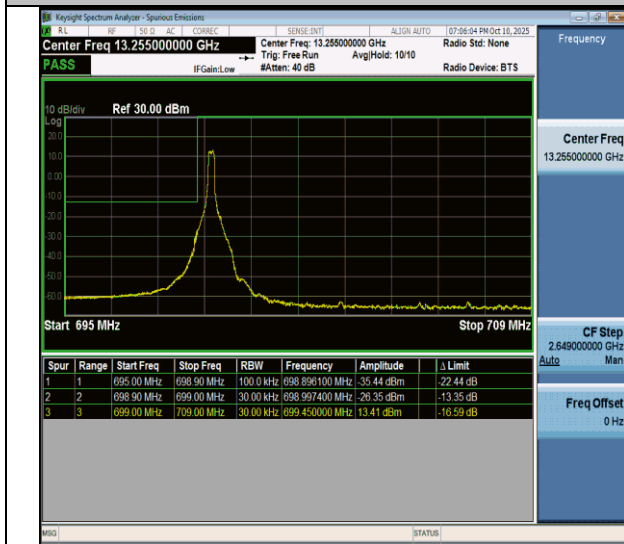
NTVN-n12-PC3-15-5-H-CP-QPSK-Outer_Full-PASS



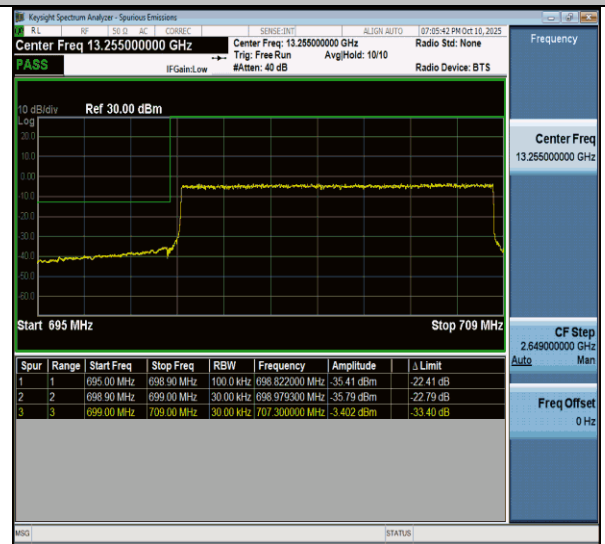
NTVN-n12-PC3-15-10-L-DFT-BPSK-Edge_1RB_Left-PASS



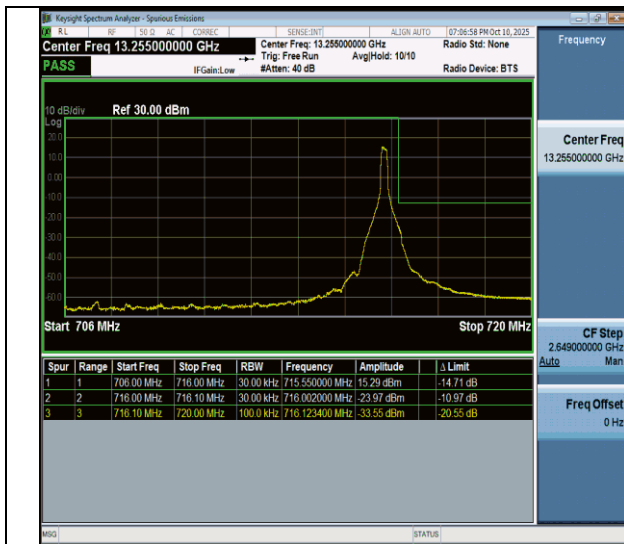
NTVN-n12-PC3-15-10-L-DFT-BPSK-Outer_Full-PASS



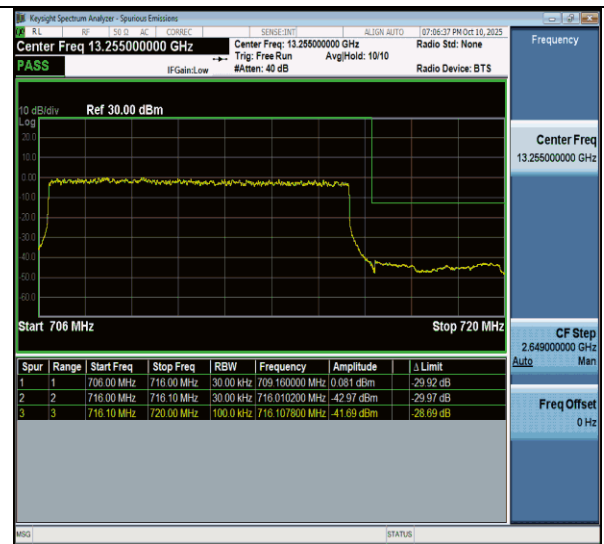
NTVN-n12-PC3-15-10-L-CP-QPSK-Edge_1RB_Left-PASS



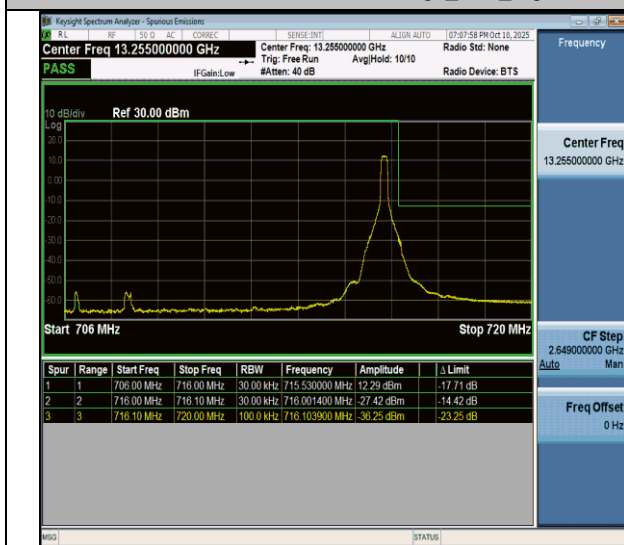
NTVN-n12-PC3-15-10-L-CP-QPSK-Outer_Full-PASS



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



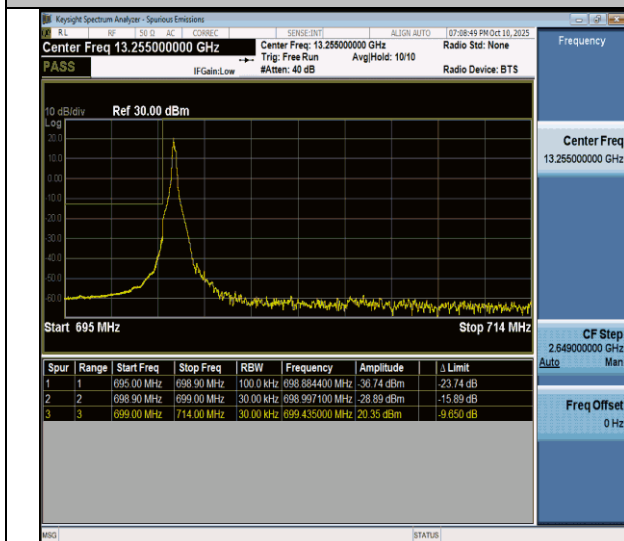
NTNV-n12-PC3-15-10-H-DFT-BPSK-Outer_Full-PASS



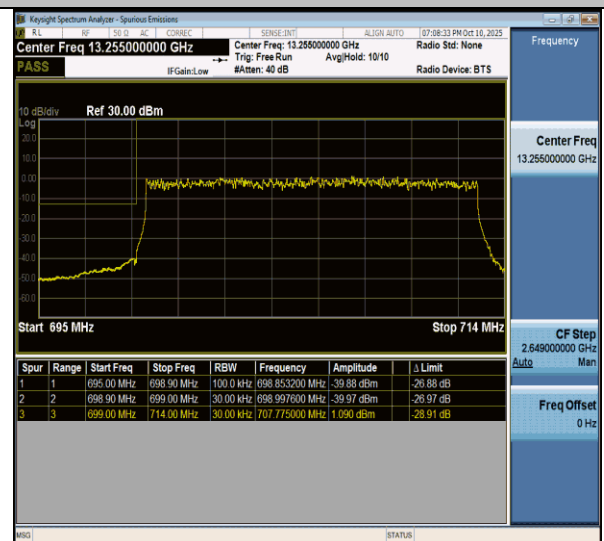
NTNV-n12-PC3-15-10-H-CP-QPSK-Edge_1RB_Right-PASS



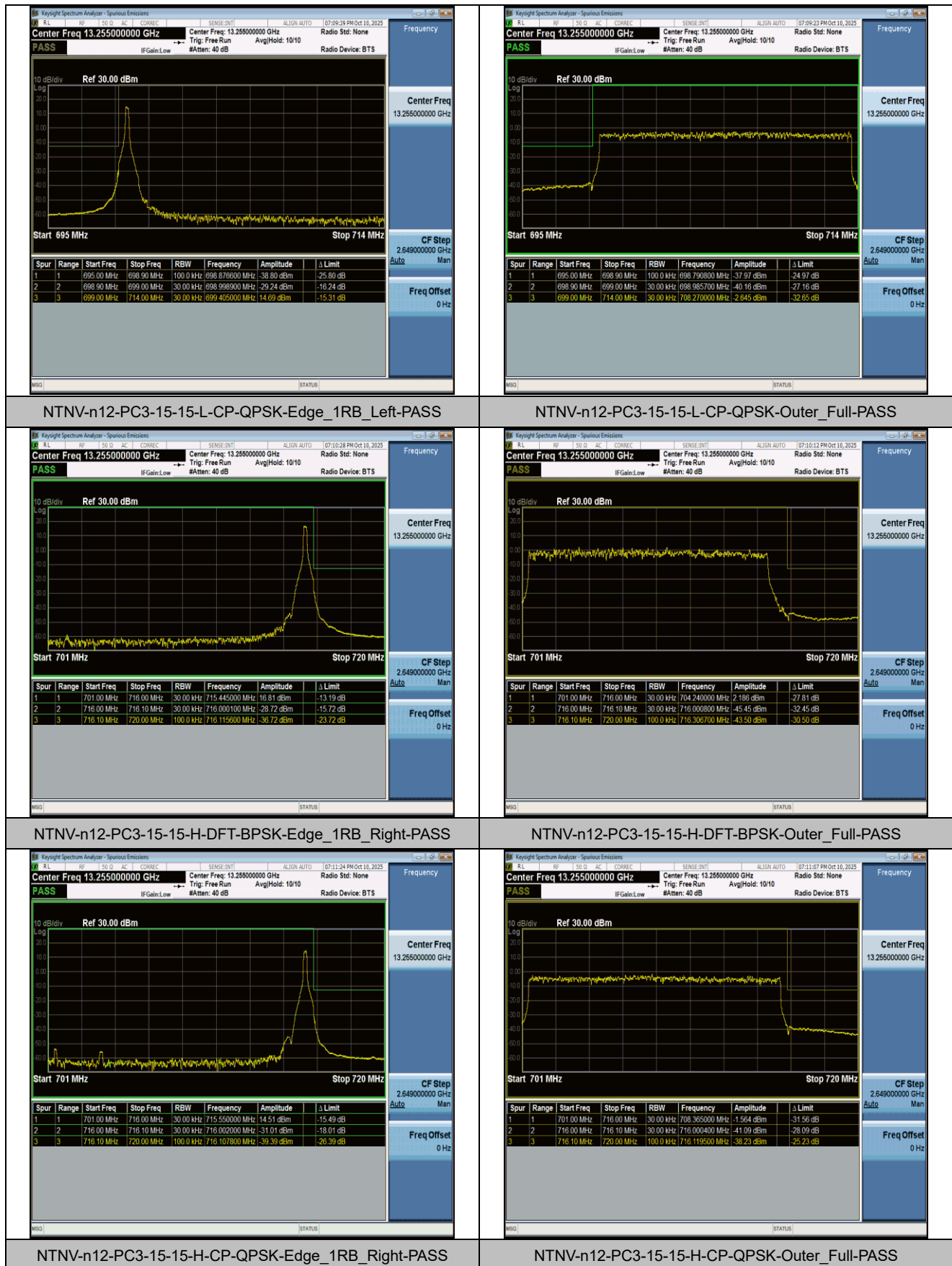
NTNV-n12-PC3-15-10-H-CP-QPSK-Outer_Full-PASS



NTNV-n12-PC3-15-15-L-DFT-BPSK-Edge_1RB_Left-PASS

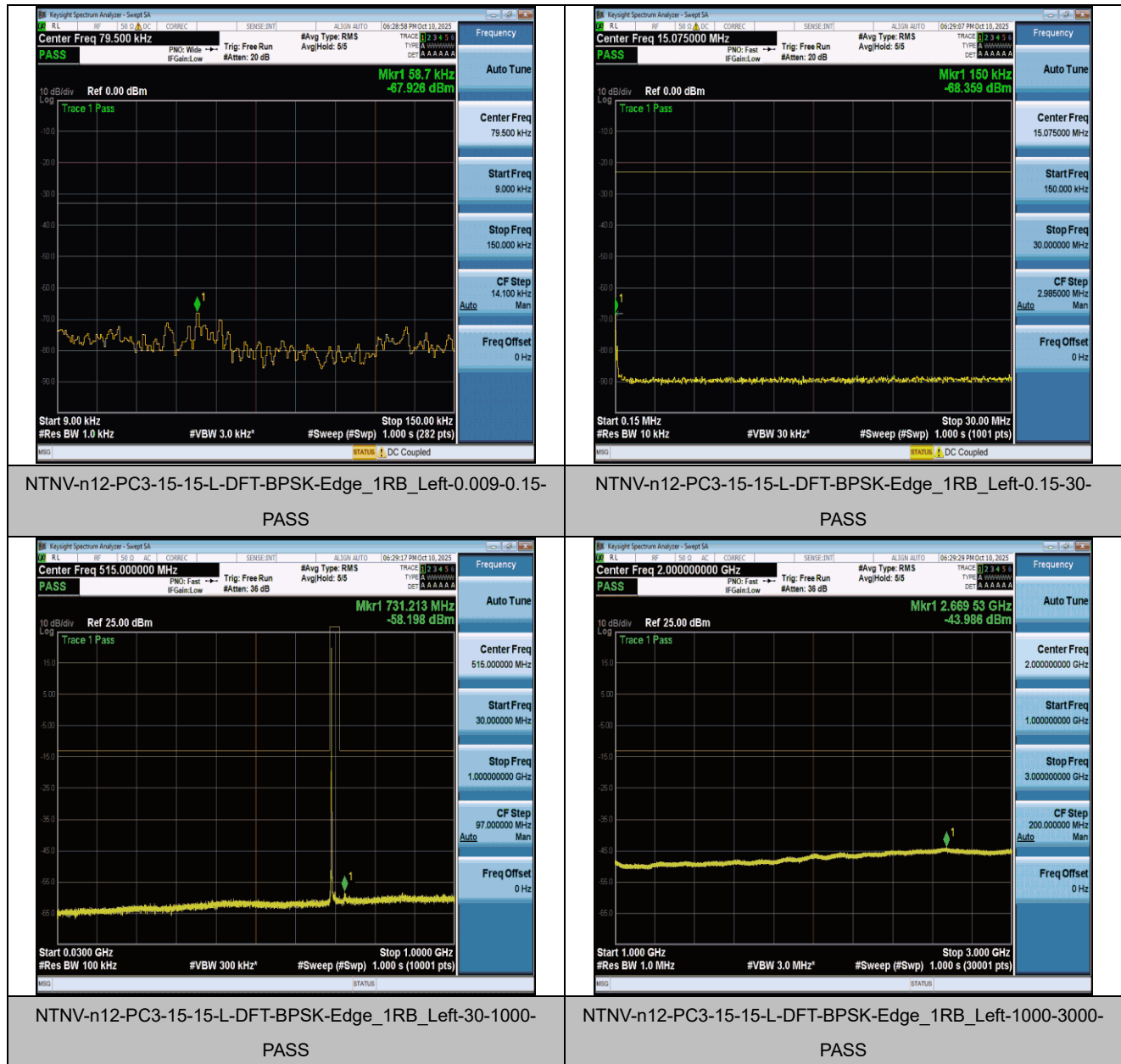


NTNV-n12-PC3-15-15-L-DFT-BPSK-Outer_Full-PASS



Conducted Spurious Emission for SA

Test Graphs

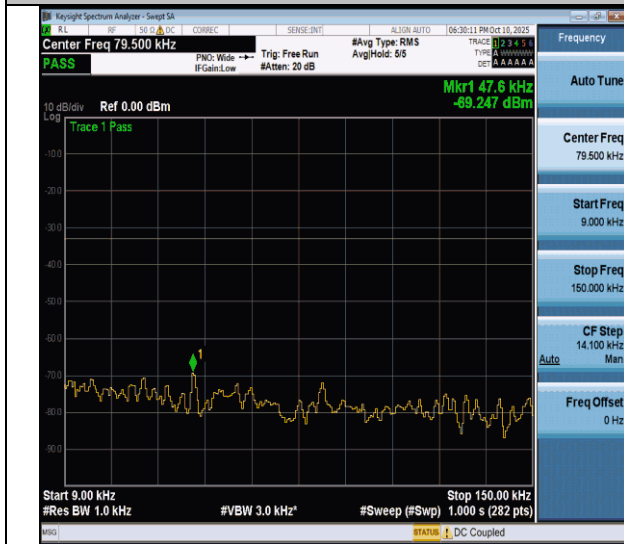




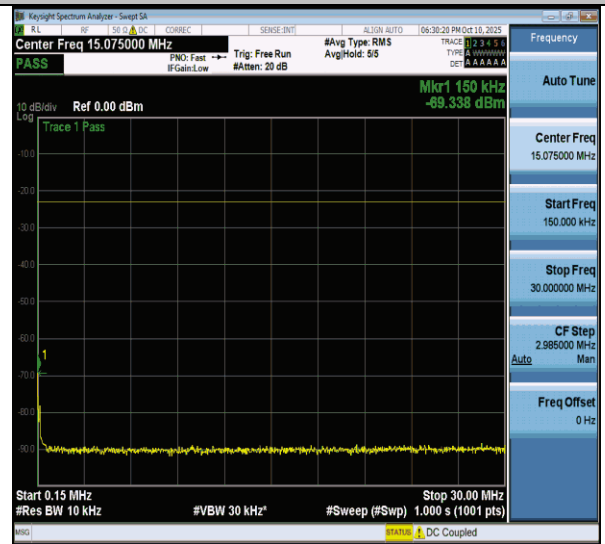
NTNV-n12-PC3-15-15-L-DFT-BPSK-Edge_1RB_Left-3000-12000-
PASS



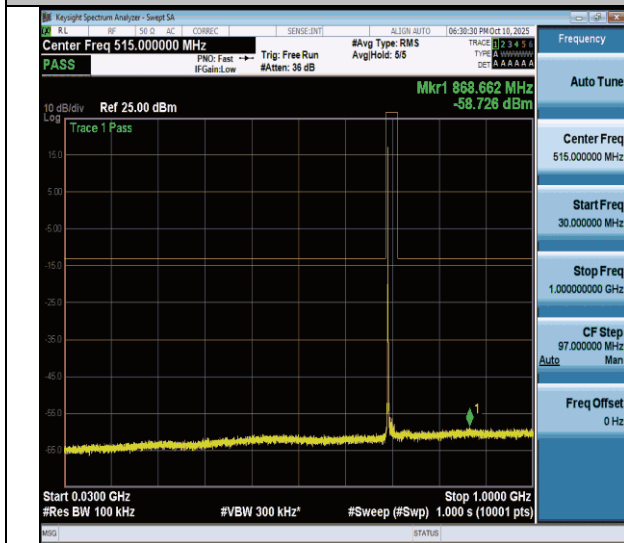
NTNV-n12-PC3-15-15-L-DFT-BPSK-Edge_1RB_Left-12000-
20000-PASS



NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-0.009-0.15-
PASS



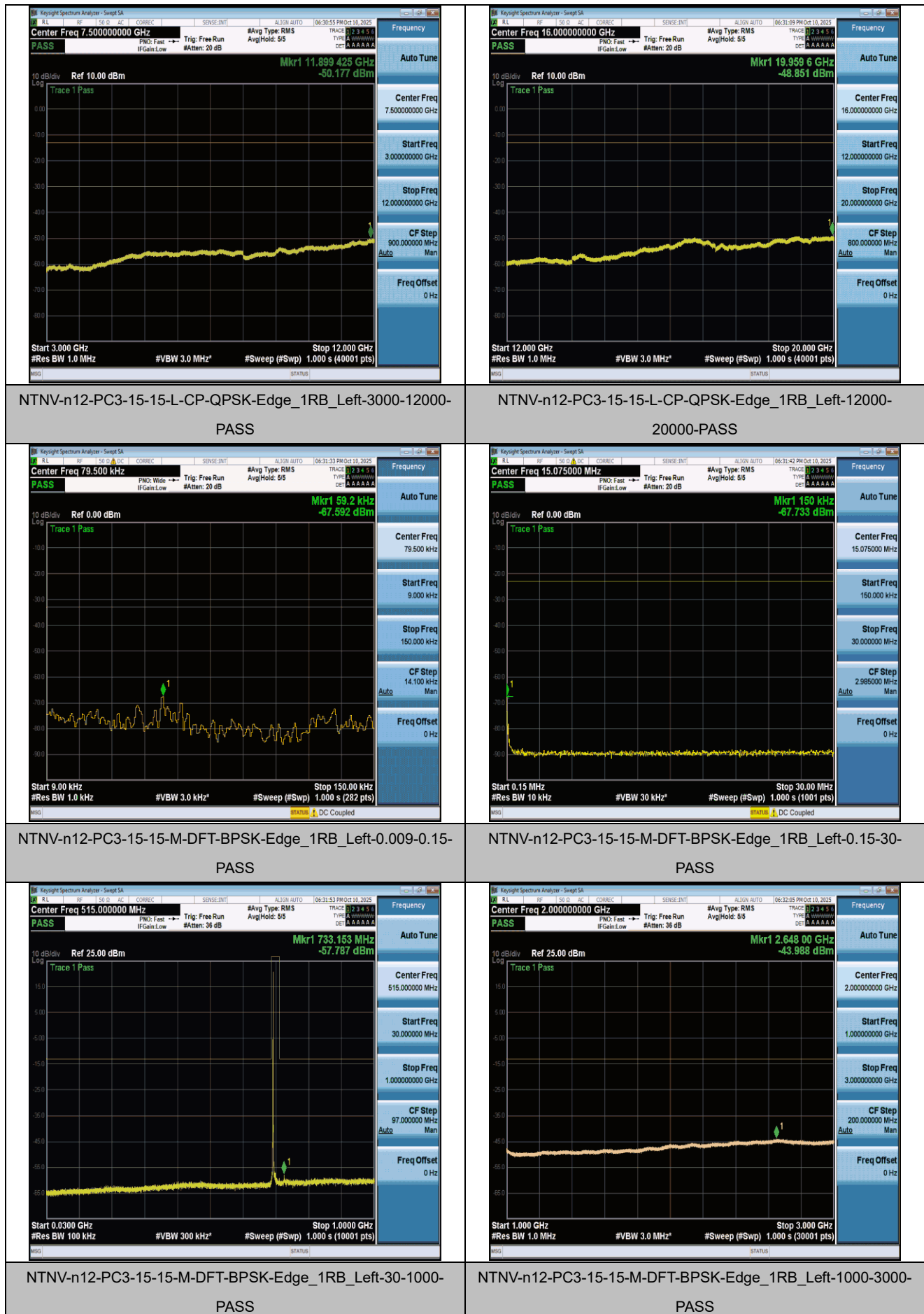
NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-0.15-30-
PASS

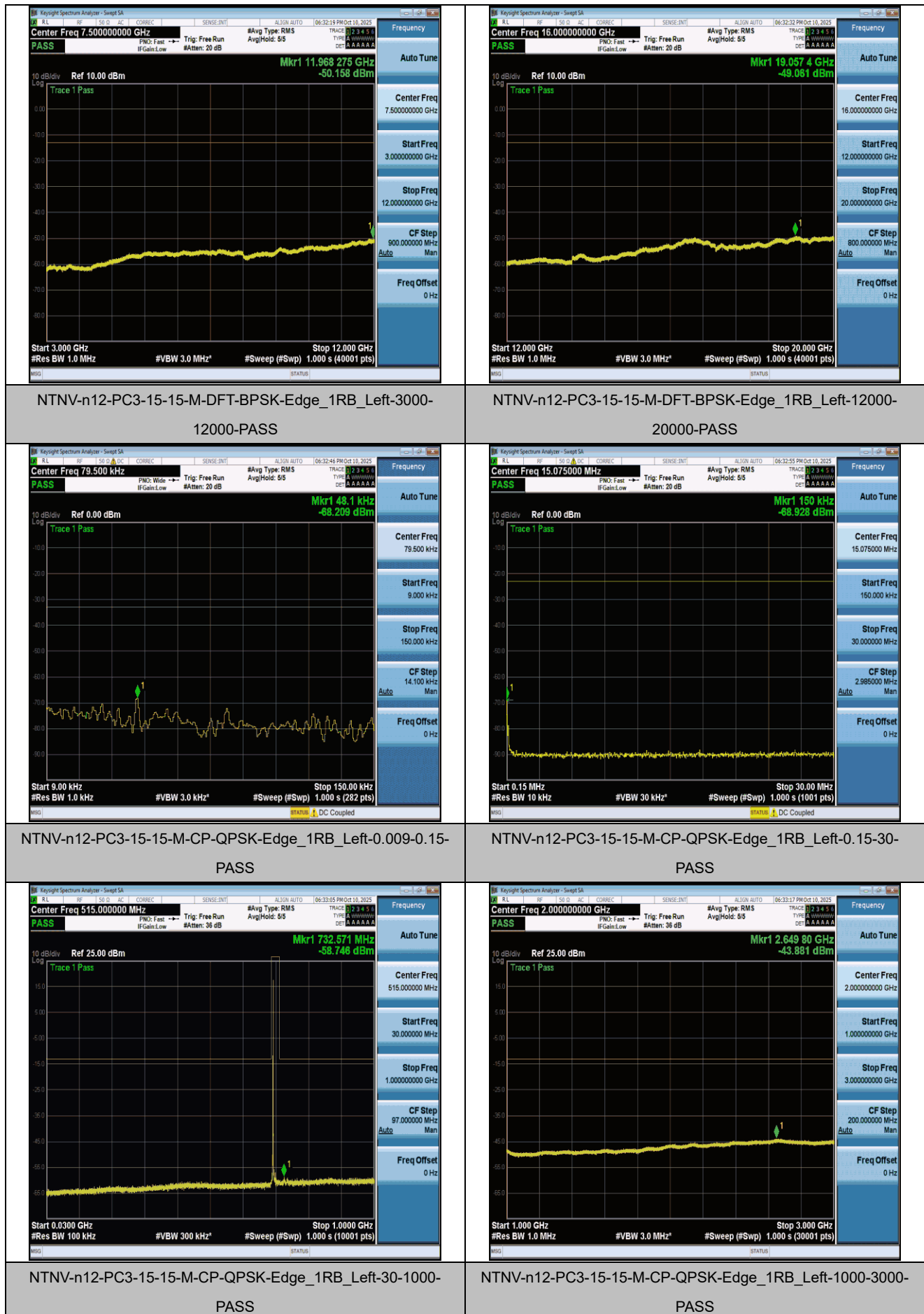


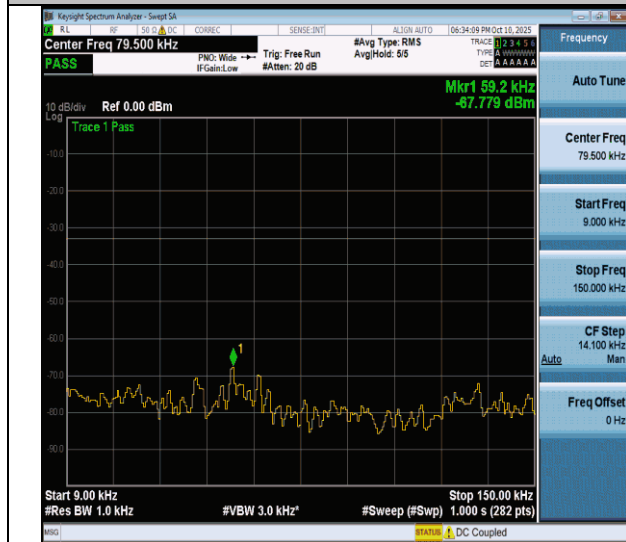
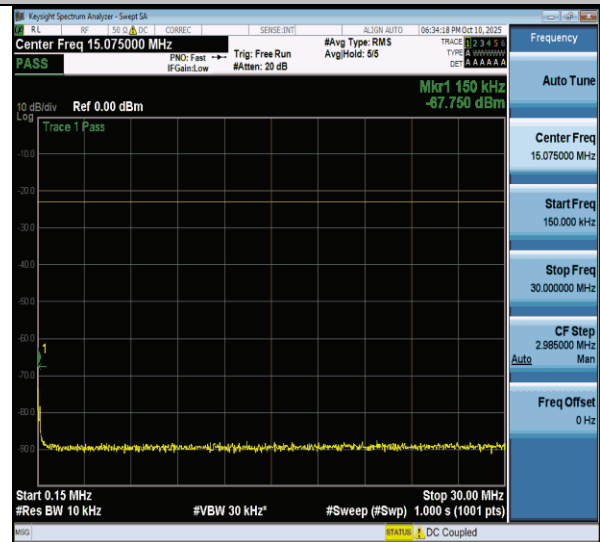
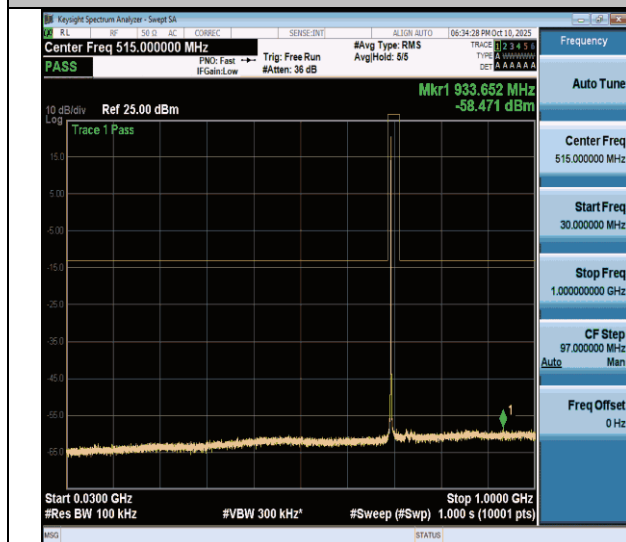
NTNV-n12-PC3-15-15-L-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



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





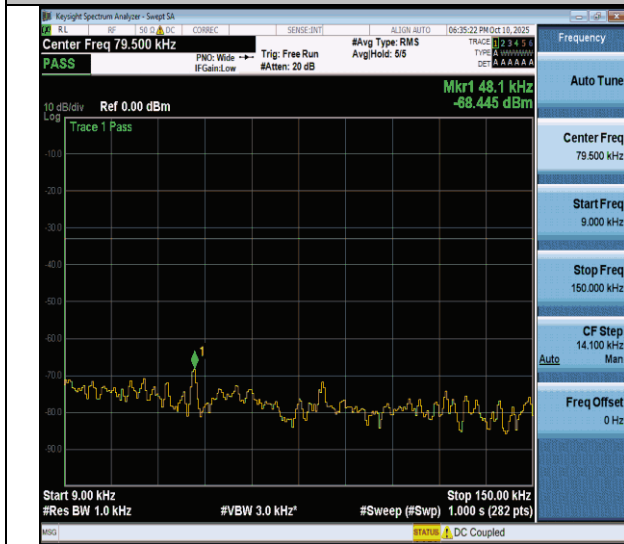
NTNV-n12-PC3-15-15-M-CP-QPSK-Edge_1RB_Left-3000-12000-
PASSNTNV-n12-PC3-15-15-M-CP-QPSK-Edge_1RB_Left-12000-
20000-PASSNTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-0.009-0.15-
PASSNTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASSNTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-30-1000-
PASSNTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-1000-3000-
PASS



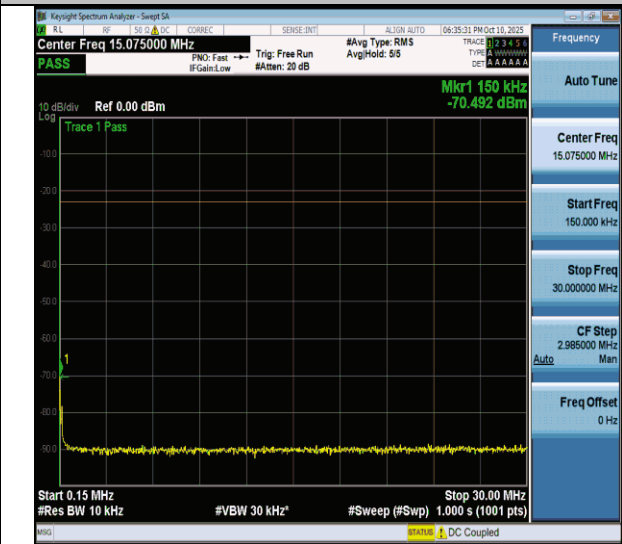
NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-3000-12000-PASS



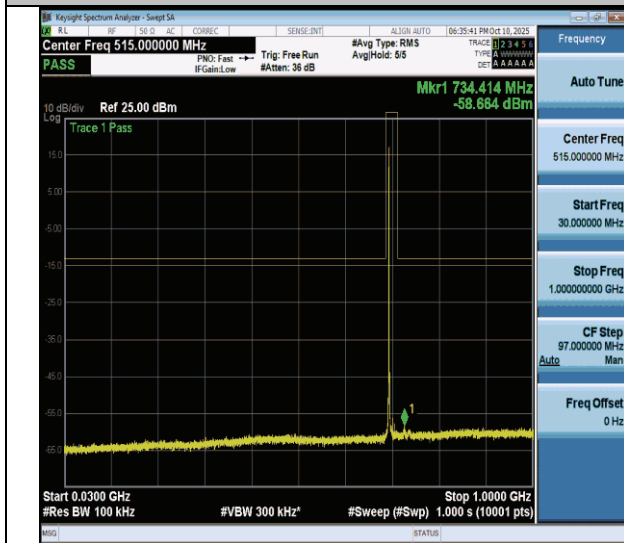
NTNV-n12-PC3-15-15-H-DFT-BPSK-Edge_1RB_Left-12000-20000-PASS



NTNV-n12-PC3-15-15-H-CP-QPSK-Edge_1RB_Left-0.009-0.15-PASS



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



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



NTNV-n12-PC3-15-15-H-CP-QPSK-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	-5.7	-0.008057	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	VN	NT	-7.1	-0.010035	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	VH	NT	-6.7	-0.00947	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VL	NT	-4.2	-0.005936	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VN	NT	-3.3	-0.004664	PASS
n12	15	15	CP-QPSK	M	Outer_Full	VH	NT	-2	-0.002827	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	-8.2	-0.01159	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	-20	-8.1	-0.011449	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	-10	-3.3	-0.004664	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	0	-3.1	-0.004382	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	10	-7	-0.009894	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	20	-6.1	-0.008622	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	30	-6.3	-0.008905	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	40	-4.6	-0.006502	PASS
n12	15	15	DFT-BPSK	M	Outer_Full	NV	50	-6.4	-0.009046	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-30	-7.1	-0.010035	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-20	-5	-0.007067	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	-10	-2.9	-0.004099	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	0	-4.4	-0.006219	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	10	-4.6	-0.006502	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	20	-4.7	-0.006643	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	30	-3.8	-0.005371	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	40	-2.8	-0.003958	PASS
n12	15	15	CP-QPSK	M	Outer_Full	NV	50	-3.8	-0.005371	PASS

~The End~