

Appendix-B NR Band n38

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	CH	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n38	30	10	DFT-BPSK	L	Inner_1RB_Left	22.93	24.03	33.00	PASS
n38	30	10	DFT-BPSK	L	Inner_1RB_Right	22.97	24.07	33.00	PASS
n38	30	10	DFT-BPSK	L	Inner_Full	22.91	24.01	33.00	PASS
n38	30	10	DFT-BPSK	L	Outer_Full	22.98	24.08	33.00	PASS
n38	30	10	DFT-QPSK	L	Inner_1RB_Left	22.84	23.94	33.00	PASS
n38	30	10	DFT-QPSK	L	Inner_1RB_Right	22.9	24	33.00	PASS
n38	30	10	DFT-QPSK	L	Inner_Full	22.99	24.09	33.00	PASS
n38	30	10	DFT-QPSK	L	Outer_Full	22.54	23.64	33.00	PASS
n38	30	10	DFT-16QAM	L	Inner_1RB_Left	22.51	23.61	33.00	PASS
n38	30	10	DFT-16QAM	L	Inner_1RB_Right	22.59	23.69	33.00	PASS
n38	30	10	DFT-16QAM	L	Inner_Full	22.49	23.59	33.00	PASS
n38	30	10	DFT-16QAM	L	Outer_Full	21.37	22.47	33.00	PASS
n38	30	10	DFT-64QAM	L	Inner_1RB_Left	20.97	22.07	33.00	PASS
n38	30	10	DFT-64QAM	L	Inner_1RB_Right	20.81	21.91	33.00	PASS
n38	30	10	DFT-64QAM	L	Inner_Full	21.12	22.22	33.00	PASS
n38	30	10	DFT-64QAM	L	Outer_Full	21.03	22.13	33.00	PASS
n38	30	10	DFT-256QAM	L	Inner_1RB_Left	18.59	19.69	33.00	PASS
n38	30	10	DFT-256QAM	L	Inner_1RB_Right	18.55	19.65	33.00	PASS
n38	30	10	DFT-256QAM	L	Inner_Full	18.97	20.07	33.00	PASS
n38	30	10	DFT-256QAM	L	Outer_Full	18.92	20.02	33.00	PASS
n38	30	10	DFT-BPSK	M	Inner_1RB_Left	22.81	23.91	33.00	PASS
n38	30	10	DFT-BPSK	M	Inner_1RB_Right	22.85	23.95	33.00	PASS
n38	30	10	DFT-BPSK	M	Inner_Full	22.85	23.95	33.00	PASS
n38	30	10	DFT-BPSK	M	Outer_Full	23.01	24.11	33.00	PASS
n38	30	10	DFT-QPSK	M	Inner_1RB_Left	22.76	23.86	33.00	PASS
n38	30	10	DFT-QPSK	M	Inner_1RB_Right	22.86	23.96	33.00	PASS
n38	30	10	DFT-QPSK	M	Inner_Full	22.96	24.06	33.00	PASS
n38	30	10	DFT-QPSK	M	Outer_Full	22.45	23.55	33.00	PASS
n38	30	10	DFT-16QAM	M	Inner_1RB_Left	22.54	23.64	33.00	PASS
n38	30	10	DFT-16QAM	M	Inner_1RB_Right	22.6	23.7	33.00	PASS
n38	30	10	DFT-16QAM	M	Inner_Full	22.31	23.41	33.00	PASS
n38	30	10	DFT-16QAM	M	Outer_Full	21.41	22.51	33.00	PASS
n38	30	10	DFT-64QAM	M	Inner_1RB_Left	20.8	21.9	33.00	PASS
n38	30	10	DFT-64QAM	M	Inner_1RB_Right	20.82	21.92	33.00	PASS
n38	30	10	DFT-64QAM	M	Inner_Full	21.11	22.21	33.00	PASS
n38	30	10	DFT-64QAM	M	Outer_Full	20.97	22.07	33.00	PASS
n38	30	10	DFT-256QAM	M	Inner_1RB_Left	18.54	19.64	33.00	PASS

n38	30	10	DFT-256QAM	M	Inner_1RB_Right	18.58	19.68	33.00	PASS
n38	30	10	DFT-256QAM	M	Inner_Full	18.85	19.95	33.00	PASS
n38	30	10	DFT-256QAM	M	Outer_Full	18.92	20.02	33.00	PASS
n38	30	10	DFT-BPSK	H	Inner_1RB_Left	22.89	23.99	33.00	PASS
n38	30	10	DFT-BPSK	H	Inner_1RB_Right	22.83	23.93	33.00	PASS
n38	30	10	DFT-BPSK	H	Inner_Full	22.98	24.08	33.00	PASS
n38	30	10	DFT-BPSK	H	Outer_Full	23.02	24.12	33.00	PASS
n38	30	10	DFT-QPSK	H	Inner_1RB_Left	22.87	23.97	33.00	PASS
n38	30	10	DFT-QPSK	H	Inner_1RB_Right	22.91	24.01	33.00	PASS
n38	30	10	DFT-QPSK	H	Inner_Full	23.04	24.14	33.00	PASS
n38	30	10	DFT-QPSK	H	Outer_Full	22.57	23.67	33.00	PASS
n38	30	10	DFT-16QAM	H	Inner_1RB_Left	22.57	23.67	33.00	PASS
n38	30	10	DFT-16QAM	H	Inner_1RB_Right	22.55	23.65	33.00	PASS
n38	30	10	DFT-16QAM	H	Inner_Full	22.55	23.65	33.00	PASS
n38	30	10	DFT-16QAM	H	Outer_Full	21.34	22.44	33.00	PASS
n38	30	10	DFT-64QAM	H	Inner_1RB_Left	20.93	22.03	33.00	PASS
n38	30	10	DFT-64QAM	H	Inner_1RB_Right	21.02	22.12	33.00	PASS
n38	30	10	DFT-64QAM	H	Inner_Full	21.09	22.19	33.00	PASS
n38	30	10	DFT-64QAM	H	Outer_Full	21.05	22.15	33.00	PASS
n38	30	10	DFT-256QAM	H	Inner_1RB_Left	18.65	19.75	33.00	PASS
n38	30	10	DFT-256QAM	H	Inner_1RB_Right	18.57	19.67	33.00	PASS
n38	30	10	DFT-256QAM	H	Inner_Full	18.87	19.97	33.00	PASS
n38	30	10	DFT-256QAM	H	Outer_Full	18.88	19.98	33.00	PASS
n38	30	15	DFT-BPSK	L	Inner_1RB_Left	22.92	24.02	33.00	PASS
n38	30	15	DFT-BPSK	L	Inner_1RB_Right	23.04	24.14	33.00	PASS
n38	30	15	DFT-BPSK	L	Inner_Full	23.08	24.18	33.00	PASS
n38	30	15	DFT-BPSK	L	Outer_Full	23.07	24.17	33.00	PASS
n38	30	15	DFT-QPSK	L	Inner_1RB_Left	23	24.1	33.00	PASS
n38	30	15	DFT-QPSK	L	Inner_1RB_Right	22.98	24.08	33.00	PASS
n38	30	15	DFT-QPSK	L	Inner_Full	23.1	24.2	33.00	PASS
n38	30	15	DFT-QPSK	L	Outer_Full	22.63	23.73	33.00	PASS
n38	30	15	DFT-16QAM	L	Inner_1RB_Left	22.57	23.67	33.00	PASS
n38	30	15	DFT-16QAM	L	Inner_1RB_Right	22.63	23.73	33.00	PASS
n38	30	15	DFT-16QAM	L	Inner_Full	22.53	23.63	33.00	PASS
n38	30	15	DFT-16QAM	L	Outer_Full	21.5	22.6	33.00	PASS
n38	30	15	DFT-64QAM	L	Inner_1RB_Left	21.04	22.14	33.00	PASS
n38	30	15	DFT-64QAM	L	Inner_1RB_Right	20.98	22.08	33.00	PASS
n38	30	15	DFT-64QAM	L	Inner_Full	21.12	22.22	33.00	PASS
n38	30	15	DFT-64QAM	L	Outer_Full	20.99	22.09	33.00	PASS
n38	30	15	DFT-256QAM	L	Inner_1RB_Left	18.67	19.77	33.00	PASS
n38	30	15	DFT-256QAM	L	Inner_1RB_Right	18.54	19.64	33.00	PASS
n38	30	15	DFT-256QAM	L	Inner_Full	19.06	20.16	33.00	PASS
n38	30	15	DFT-256QAM	L	Outer_Full	19.05	20.15	33.00	PASS
n38	30	15	DFT-BPSK	M	Inner_1RB_Left	22.87	23.97	33.00	PASS
n38	30	15	DFT-BPSK	M	Inner_1RB_Right	22.97	24.07	33.00	PASS

n38	30	15	DFT-BPSK	M	Inner_Full	22.89	23.99	33.00	PASS
n38	30	15	DFT-BPSK	M	Outer_Full	22.93	24.03	33.00	PASS
n38	30	15	DFT-QPSK	M	Inner_1RB_Left	22.86	23.96	33.00	PASS
n38	30	15	DFT-QPSK	M	Inner_1RB_Right	22.92	24.02	33.00	PASS
n38	30	15	DFT-QPSK	M	Inner_Full	22.92	24.02	33.00	PASS
n38	30	15	DFT-QPSK	M	Outer_Full	22.39	23.49	33.00	PASS
n38	30	15	DFT-16QAM	M	Inner_1RB_Left	22.48	23.58	33.00	PASS
n38	30	15	DFT-16QAM	M	Inner_1RB_Right	22.57	23.67	33.00	PASS
n38	30	15	DFT-16QAM	M	Inner_Full	22.43	23.53	33.00	PASS
n38	30	15	DFT-16QAM	M	Outer_Full	21.44	22.54	33.00	PASS
n38	30	15	DFT-64QAM	M	Inner_1RB_Left	20.89	21.99	33.00	PASS
n38	30	15	DFT-64QAM	M	Inner_1RB_Right	20.93	22.03	33.00	PASS
n38	30	15	DFT-64QAM	M	Inner_Full	21.07	22.17	33.00	PASS
n38	30	15	DFT-64QAM	M	Outer_Full	20.9	22	33.00	PASS
n38	30	15	DFT-256QAM	M	Inner_1RB_Left	18.58	19.68	33.00	PASS
n38	30	15	DFT-256QAM	M	Inner_1RB_Right	18.48	19.58	33.00	PASS
n38	30	15	DFT-256QAM	M	Inner_Full	18.93	20.03	33.00	PASS
n38	30	15	DFT-256QAM	M	Outer_Full	19	20.1	33.00	PASS
n38	30	15	DFT-BPSK	H	Inner_1RB_Left	22.88	23.98	33.00	PASS
n38	30	15	DFT-BPSK	H	Inner_1RB_Right	22.92	24.02	33.00	PASS
n38	30	15	DFT-BPSK	H	Inner_Full	22.94	24.04	33.00	PASS
n38	30	15	DFT-BPSK	H	Outer_Full	22.91	24.01	33.00	PASS
n38	30	15	DFT-QPSK	H	Inner_1RB_Left	22.83	23.93	33.00	PASS
n38	30	15	DFT-QPSK	H	Inner_1RB_Right	22.81	23.91	33.00	PASS
n38	30	15	DFT-QPSK	H	Inner_Full	22.92	24.02	33.00	PASS
n38	30	15	DFT-QPSK	H	Outer_Full	22.3	23.4	33.00	PASS
n38	30	15	DFT-16QAM	H	Inner_1RB_Left	22.64	23.74	33.00	PASS
n38	30	15	DFT-16QAM	H	Inner_1RB_Right	22.5	23.6	33.00	PASS
n38	30	15	DFT-16QAM	H	Inner_Full	22.39	23.49	33.00	PASS
n38	30	15	DFT-16QAM	H	Outer_Full	21.31	22.41	33.00	PASS
n38	30	15	DFT-64QAM	H	Inner_1RB_Left	20.88	21.98	33.00	PASS
n38	30	15	DFT-64QAM	H	Inner_1RB_Right	20.82	21.92	33.00	PASS
n38	30	15	DFT-64QAM	H	Inner_Full	21.07	22.17	33.00	PASS
n38	30	15	DFT-64QAM	H	Outer_Full	20.9	22	33.00	PASS
n38	30	15	DFT-256QAM	H	Inner_1RB_Left	18.55	19.65	33.00	PASS
n38	30	15	DFT-256QAM	H	Inner_1RB_Right	18.39	19.49	33.00	PASS
n38	30	15	DFT-256QAM	H	Inner_Full	18.78	19.88	33.00	PASS
n38	30	15	DFT-256QAM	H	Outer_Full	18.86	19.96	33.00	PASS
n38	30	20	DFT-BPSK	L	Inner_1RB_Left	22.94	24.04	33.00	PASS
n38	30	20	DFT-BPSK	L	Inner_1RB_Right	22.93	24.03	33.00	PASS
n38	30	20	DFT-BPSK	L	Inner_Full	23.04	24.14	33.00	PASS
n38	30	20	DFT-BPSK	L	Outer_Full	23.06	24.16	33.00	PASS
n38	30	20	DFT-QPSK	L	Inner_1RB_Left	22.86	23.96	33.00	PASS
n38	30	20	DFT-QPSK	L	Inner_1RB_Right	22.8	23.9	33.00	PASS
n38	30	20	DFT-QPSK	L	Inner_Full	22.99	24.09	33.00	PASS

n38	30	20	DFT-QPSK	L	Outer_Full	22.45	23.55	33.00	PASS
n38	30	20	DFT-16QAM	L	Inner_1RB_Left	22.58	23.68	33.00	PASS
n38	30	20	DFT-16QAM	L	Inner_1RB_Right	22.47	23.57	33.00	PASS
n38	30	20	DFT-16QAM	L	Inner_Full	22.63	23.73	33.00	PASS
n38	30	20	DFT-16QAM	L	Outer_Full	21.52	22.62	33.00	PASS
n38	30	20	DFT-64QAM	L	Inner_1RB_Left	20.94	22.04	33.00	PASS
n38	30	20	DFT-64QAM	L	Inner_1RB_Right	20.9	22	33.00	PASS
n38	30	20	DFT-64QAM	L	Inner_Full	21.15	22.25	33.00	PASS
n38	30	20	DFT-64QAM	L	Outer_Full	20.93	22.03	33.00	PASS
n38	30	20	DFT-256QAM	L	Inner_1RB_Left	18.59	19.69	33.00	PASS
n38	30	20	DFT-256QAM	L	Inner_1RB_Right	18.37	19.47	33.00	PASS
n38	30	20	DFT-256QAM	L	Inner_Full	18.94	20.04	33.00	PASS
n38	30	20	DFT-256QAM	L	Outer_Full	19.01	20.11	33.00	PASS
n38	30	20	DFT-BPSK	M	Inner_1RB_Left	22.89	23.99	33.00	PASS
n38	30	20	DFT-BPSK	M	Inner_1RB_Right	22.95	24.05	33.00	PASS
n38	30	20	DFT-BPSK	M	Inner_Full	22.96	24.06	33.00	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	22.95	24.05	33.00	PASS
n38	30	20	DFT-QPSK	M	Inner_1RB_Left	22.97	24.07	33.00	PASS
n38	30	20	DFT-QPSK	M	Inner_1RB_Right	22.94	24.04	33.00	PASS
n38	30	20	DFT-QPSK	M	Inner_Full	22.9	24	33.00	PASS
n38	30	20	DFT-QPSK	M	Outer_Full	22.5	23.6	33.00	PASS
n38	30	20	DFT-16QAM	M	Inner_1RB_Left	22.65	23.75	33.00	PASS
n38	30	20	DFT-16QAM	M	Inner_1RB_Right	22.51	23.61	33.00	PASS
n38	30	20	DFT-16QAM	M	Inner_Full	22.53	23.63	33.00	PASS
n38	30	20	DFT-16QAM	M	Outer_Full	21.41	22.51	33.00	PASS
n38	30	20	DFT-64QAM	M	Inner_1RB_Left	20.99	22.09	33.00	PASS
n38	30	20	DFT-64QAM	M	Inner_1RB_Right	20.97	22.07	33.00	PASS
n38	30	20	DFT-64QAM	M	Inner_Full	20.92	22.02	33.00	PASS
n38	30	20	DFT-64QAM	M	Outer_Full	20.89	21.99	33.00	PASS
n38	30	20	DFT-256QAM	M	Inner_1RB_Left	18.46	19.56	33.00	PASS
n38	30	20	DFT-256QAM	M	Inner_1RB_Right	18.34	19.44	33.00	PASS
n38	30	20	DFT-256QAM	M	Inner_Full	18.9	20	33.00	PASS
n38	30	20	DFT-256QAM	M	Outer_Full	18.9	20	33.00	PASS
n38	30	20	DFT-BPSK	H	Inner_1RB_Left	22.75	23.85	33.00	PASS
n38	30	20	DFT-BPSK	H	Inner_1RB_Right	22.91	24.01	33.00	PASS
n38	30	20	DFT-BPSK	H	Inner_Full	22.92	24.02	33.00	PASS
n38	30	20	DFT-BPSK	H	Outer_Full	22.84	23.94	33.00	PASS
n38	30	20	DFT-QPSK	H	Inner_1RB_Left	22.83	23.93	33.00	PASS
n38	30	20	DFT-QPSK	H	Inner_1RB_Right	22.8	23.9	33.00	PASS
n38	30	20	DFT-QPSK	H	Inner_Full	22.79	23.89	33.00	PASS
n38	30	20	DFT-QPSK	H	Outer_Full	22.24	23.34	33.00	PASS
n38	30	20	DFT-16QAM	H	Inner_1RB_Left	22.38	23.48	33.00	PASS
n38	30	20	DFT-16QAM	H	Inner_1RB_Right	22.54	23.64	33.00	PASS
n38	30	20	DFT-16QAM	H	Inner_Full	22.43	23.53	33.00	PASS
n38	30	20	DFT-16QAM	H	Outer_Full	21.4	22.5	33.00	PASS

n38	30	20	DFT-64QAM	H	Inner_1RB_Left	20.79	21.89	33.00	PASS
n38	30	20	DFT-64QAM	H	Inner_1RB_Right	20.82	21.92	33.00	PASS
n38	30	20	DFT-64QAM	H	Inner_Full	20.86	21.96	33.00	PASS
n38	30	20	DFT-64QAM	H	Outer_Full	20.91	22.01	33.00	PASS
n38	30	20	DFT-256QAM	H	Inner_1RB_Left	18.49	19.59	33.00	PASS
n38	30	20	DFT-256QAM	H	Inner_1RB_Right	18.29	19.39	33.00	PASS
n38	30	20	DFT-256QAM	H	Inner_Full	18.79	19.89	33.00	PASS
n38	30	20	DFT-256QAM	H	Outer_Full	18.81	19.91	33.00	PASS

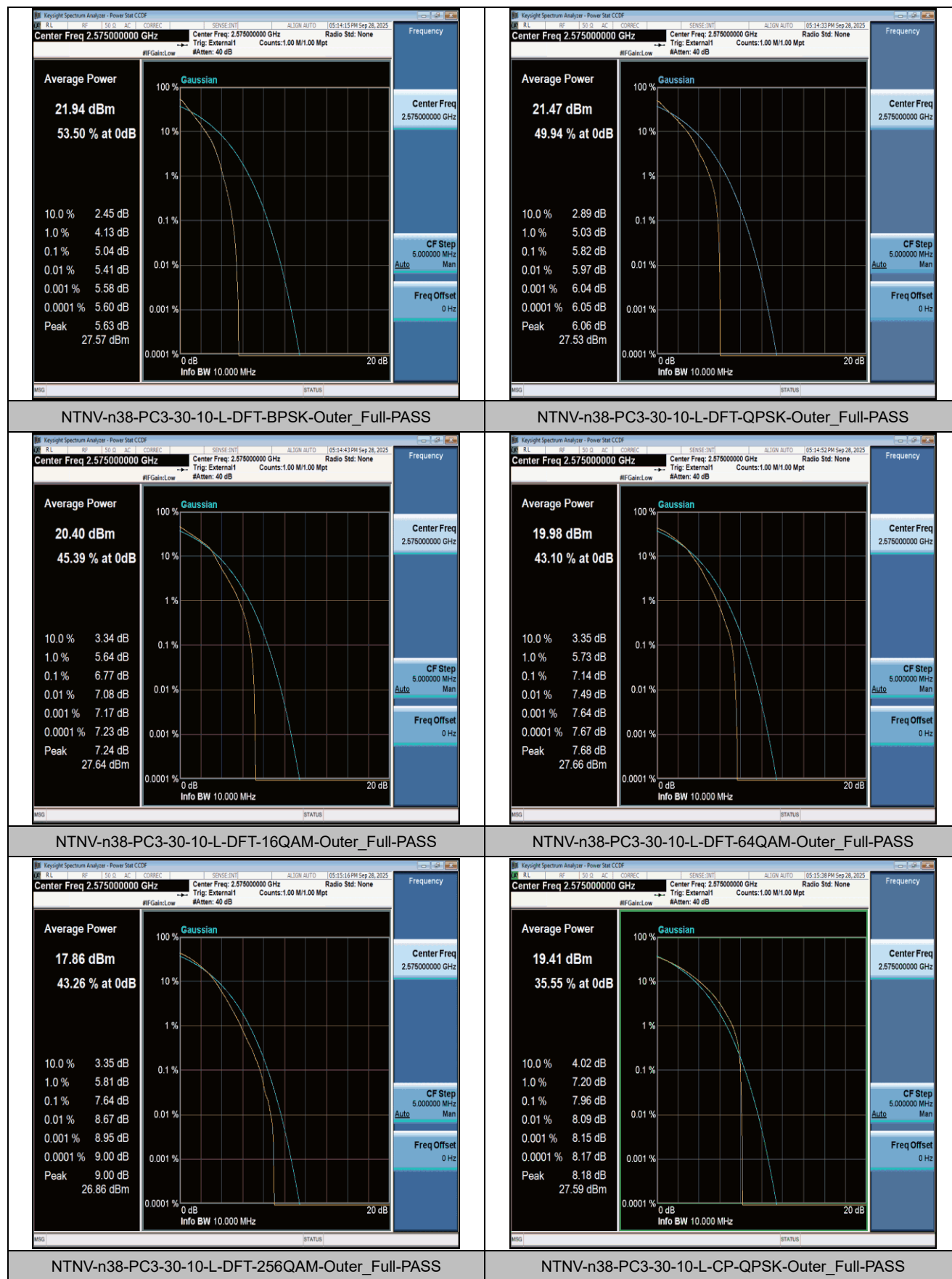
Peak-to-Average Ratio for SA

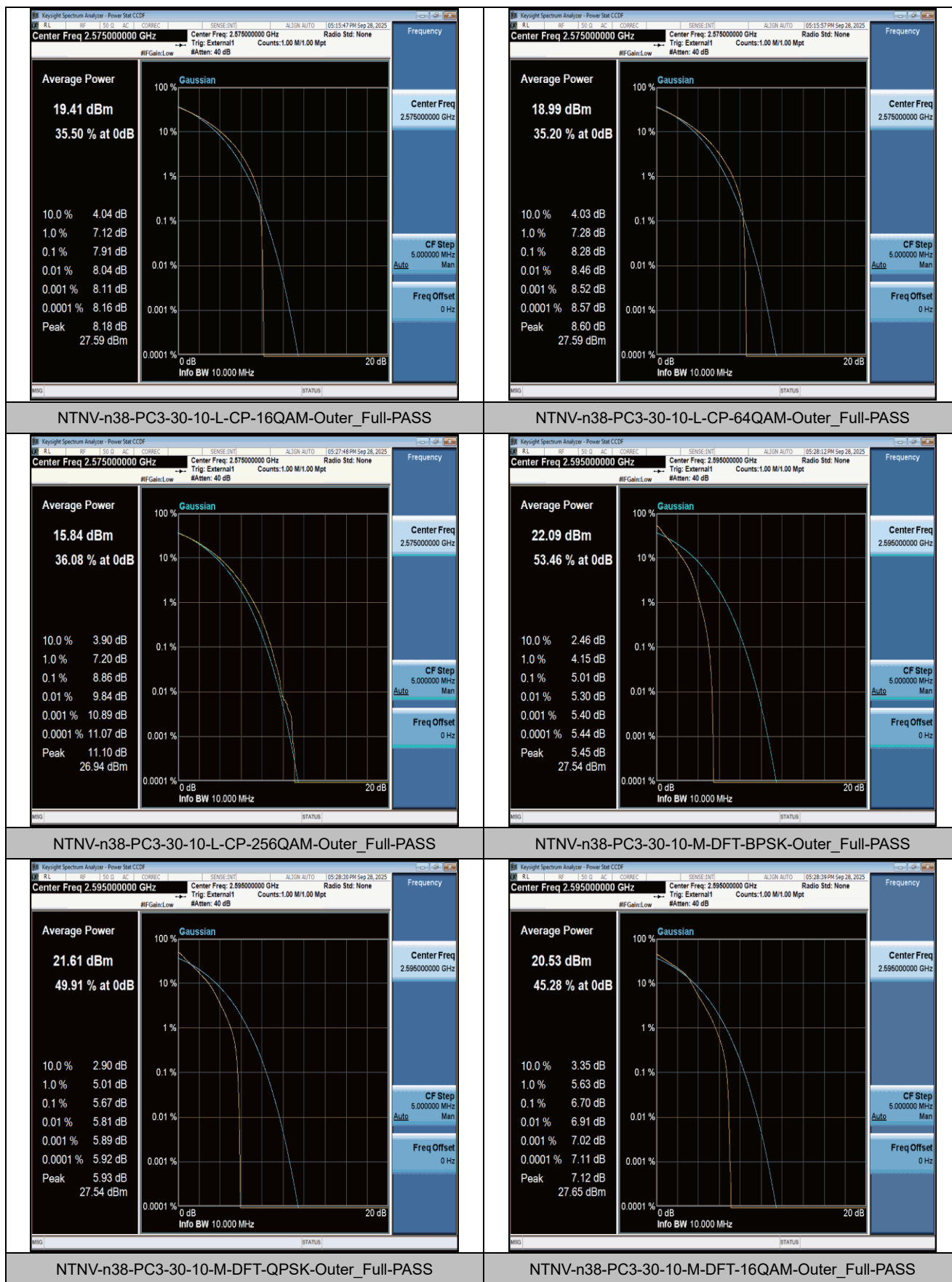
Test Result

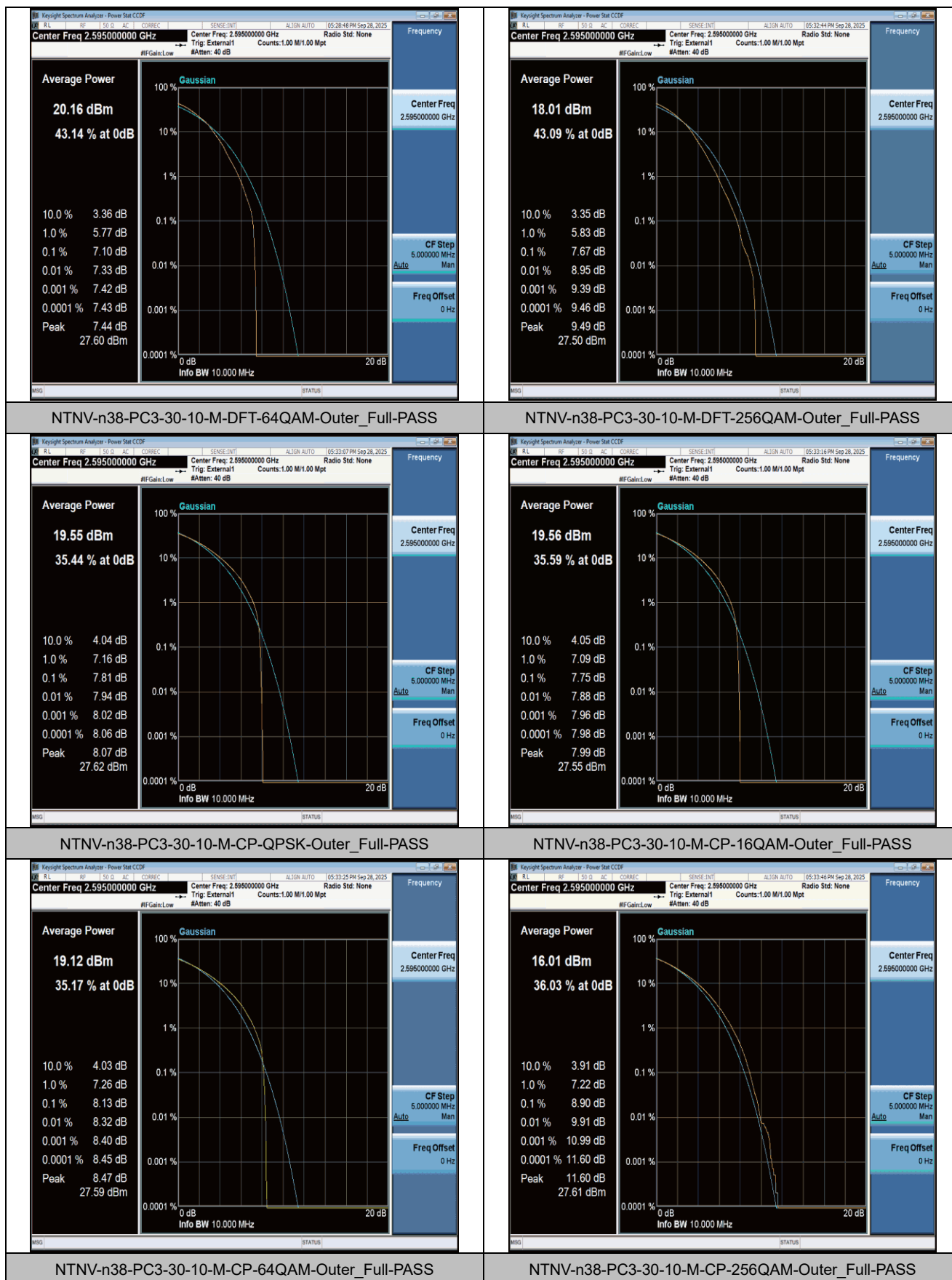
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
n38	30	10	DFT-BPSK	L	Outer_Full	5.04	≤13dB	PASS
n38	30	10	DFT-QPSK	L	Outer_Full	5.82	≤13dB	PASS
n38	30	10	DFT-16QAM	L	Outer_Full	6.77	≤13dB	PASS
n38	30	10	DFT-64QAM	L	Outer_Full	7.14	≤13dB	PASS
n38	30	10	DFT-256QAM	L	Outer_Full	7.64	≤13dB	PASS
n38	30	10	CP-QPSK	L	Outer_Full	7.96	≤13dB	PASS
n38	30	10	CP-16QAM	L	Outer_Full	7.91	≤13dB	PASS
n38	30	10	CP-64QAM	L	Outer_Full	8.28	≤13dB	PASS
n38	30	10	CP-256QAM	L	Outer_Full	8.86	≤13dB	PASS
n38	30	10	DFT-BPSK	M	Outer_Full	5.01	≤13dB	PASS
n38	30	10	DFT-QPSK	M	Outer_Full	5.67	≤13dB	PASS
n38	30	10	DFT-16QAM	M	Outer_Full	6.7	≤13dB	PASS
n38	30	10	DFT-64QAM	M	Outer_Full	7.1	≤13dB	PASS
n38	30	10	DFT-256QAM	M	Outer_Full	7.67	≤13dB	PASS
n38	30	10	CP-QPSK	M	Outer_Full	7.81	≤13dB	PASS
n38	30	10	CP-16QAM	M	Outer_Full	7.75	≤13dB	PASS
n38	30	10	CP-64QAM	M	Outer_Full	8.13	≤13dB	PASS
n38	30	10	CP-256QAM	M	Outer_Full	8.9	≤13dB	PASS
n38	30	10	DFT-BPSK	H	Outer_Full	4.89	≤13dB	PASS
n38	30	10	DFT-QPSK	H	Outer_Full	5.58	≤13dB	PASS
n38	30	10	DFT-16QAM	H	Outer_Full	6.54	≤13dB	PASS
n38	30	10	DFT-64QAM	H	Outer_Full	7	≤13dB	PASS
n38	30	10	DFT-256QAM	H	Outer_Full	7.7	≤13dB	PASS
n38	30	10	CP-QPSK	H	Outer_Full	7.65	≤13dB	PASS
n38	30	10	CP-16QAM	H	Outer_Full	7.66	≤13dB	PASS
n38	30	10	CP-64QAM	H	Outer_Full	8.01	≤13dB	PASS
n38	30	10	CP-256QAM	H	Outer_Full	8.91	≤13dB	PASS
n38	30	15	DFT-BPSK	L	Outer_Full	5.03	≤13dB	PASS
n38	30	15	DFT-QPSK	L	Outer_Full	5.81	≤13dB	PASS
n38	30	15	DFT-16QAM	L	Outer_Full	6.77	≤13dB	PASS
n38	30	15	DFT-64QAM	L	Outer_Full	7.12	≤13dB	PASS
n38	30	15	DFT-256QAM	L	Outer_Full	7.45	≤13dB	PASS
n38	30	15	CP-QPSK	L	Outer_Full	7.83	≤13dB	PASS
n38	30	15	CP-16QAM	L	Outer_Full	7.81	≤13dB	PASS
n38	30	15	CP-64QAM	L	Outer_Full	8.42	≤13dB	PASS
n38	30	15	CP-256QAM	L	Outer_Full	9.14	≤13dB	PASS
n38	30	15	DFT-BPSK	M	Outer_Full	4.95	≤13dB	PASS
n38	30	15	DFT-QPSK	M	Outer_Full	5.66	≤13dB	PASS
n38	30	15	DFT-16QAM	M	Outer_Full	6.64	≤13dB	PASS
n38	30	15	DFT-64QAM	M	Outer_Full	7.05	≤13dB	PASS

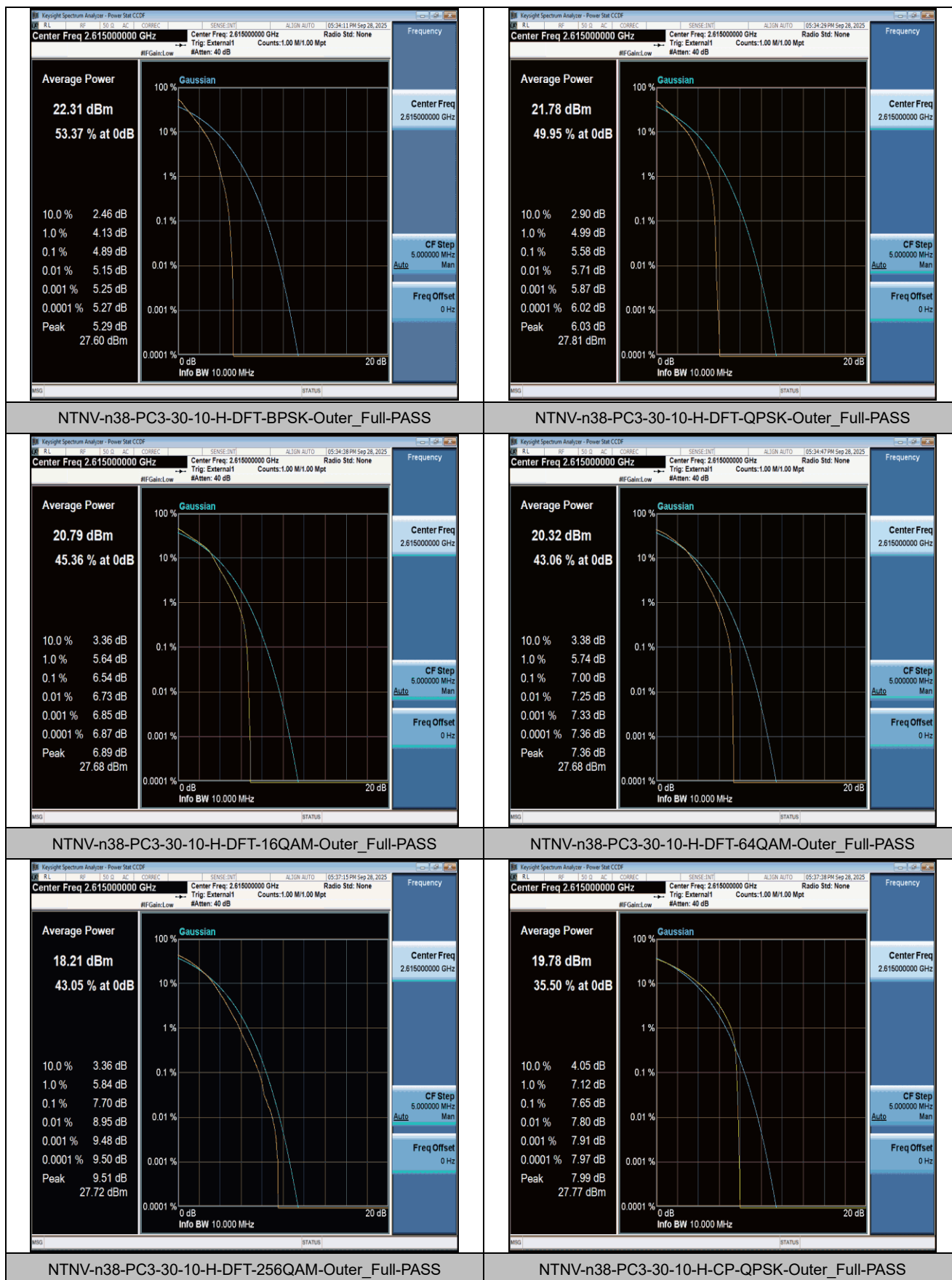
n38	30	15	DFT-256QAM	M	Outer_Full	7.44	≤13dB	PASS
n38	30	15	CP-QPSK	M	Outer_Full	7.83	≤13dB	PASS
n38	30	15	CP-16QAM	M	Outer_Full	7.76	≤13dB	PASS
n38	30	15	CP-64QAM	M	Outer_Full	8.4	≤13dB	PASS
n38	30	15	CP-256QAM	M	Outer_Full	9.13	≤13dB	PASS
n38	30	15	DFT-BPSK	H	Outer_Full	5.02	≤13dB	PASS
n38	30	15	DFT-QPSK	H	Outer_Full	10.82	≤13dB	PASS
n38	30	15	DFT-16QAM	H	Outer_Full	6.7	≤13dB	PASS
n38	30	15	DFT-64QAM	H	Outer_Full	7.09	≤13dB	PASS
n38	30	15	DFT-256QAM	H	Outer_Full	7.46	≤13dB	PASS
n38	30	15	CP-QPSK	H	Outer_Full	7.83	≤13dB	PASS
n38	30	15	CP-16QAM	H	Outer_Full	7.78	≤13dB	PASS
n38	30	15	CP-64QAM	H	Outer_Full	8.42	≤13dB	PASS
n38	30	15	CP-256QAM	H	Outer_Full	9.16	≤13dB	PASS
n38	30	20	DFT-BPSK	L	Outer_Full	4.99	≤13dB	PASS
n38	30	20	DFT-QPSK	L	Outer_Full	5.67	≤13dB	PASS
n38	30	20	DFT-16QAM	L	Outer_Full	6.67	≤13dB	PASS
n38	30	20	DFT-64QAM	L	Outer_Full	7.04	≤13dB	PASS
n38	30	20	DFT-256QAM	L	Outer_Full	7.26	≤13dB	PASS
n38	30	20	CP-QPSK	L	Outer_Full	7.71	≤13dB	PASS
n38	30	20	CP-16QAM	L	Outer_Full	7.66	≤13dB	PASS
n38	30	20	CP-64QAM	L	Outer_Full	8.24	≤13dB	PASS
n38	30	20	CP-256QAM	L	Outer_Full	9.41	≤13dB	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	4.96	≤13dB	PASS
n38	30	20	DFT-QPSK	M	Outer_Full	5.61	≤13dB	PASS
n38	30	20	DFT-16QAM	M	Outer_Full	6.63	≤13dB	PASS
n38	30	20	DFT-64QAM	M	Outer_Full	7.02	≤13dB	PASS
n38	30	20	DFT-256QAM	M	Outer_Full	7.26	≤13dB	PASS
n38	30	20	CP-QPSK	M	Outer_Full	7.62	≤13dB	PASS
n38	30	20	CP-16QAM	M	Outer_Full	7.59	≤13dB	PASS
n38	30	20	CP-64QAM	M	Outer_Full	8.11	≤13dB	PASS
n38	30	20	CP-256QAM	M	Outer_Full	9.45	≤13dB	PASS
n38	30	20	DFT-BPSK	H	Outer_Full	4.91	≤13dB	PASS
n38	30	20	DFT-QPSK	H	Outer_Full	5.59	≤13dB	PASS
n38	30	20	DFT-16QAM	H	Outer_Full	6.57	≤13dB	PASS
n38	30	20	DFT-64QAM	H	Outer_Full	7.01	≤13dB	PASS
n38	30	20	DFT-256QAM	H	Outer_Full	7.31	≤13dB	PASS
n38	30	20	CP-QPSK	H	Outer_Full	7.64	≤13dB	PASS
n38	30	20	CP-16QAM	H	Outer_Full	7.62	≤13dB	PASS
n38	30	20	CP-64QAM	H	Outer_Full	8.12	≤13dB	PASS
n38	30	20	CP-256QAM	H	Outer_Full	9.45	≤13dB	PASS

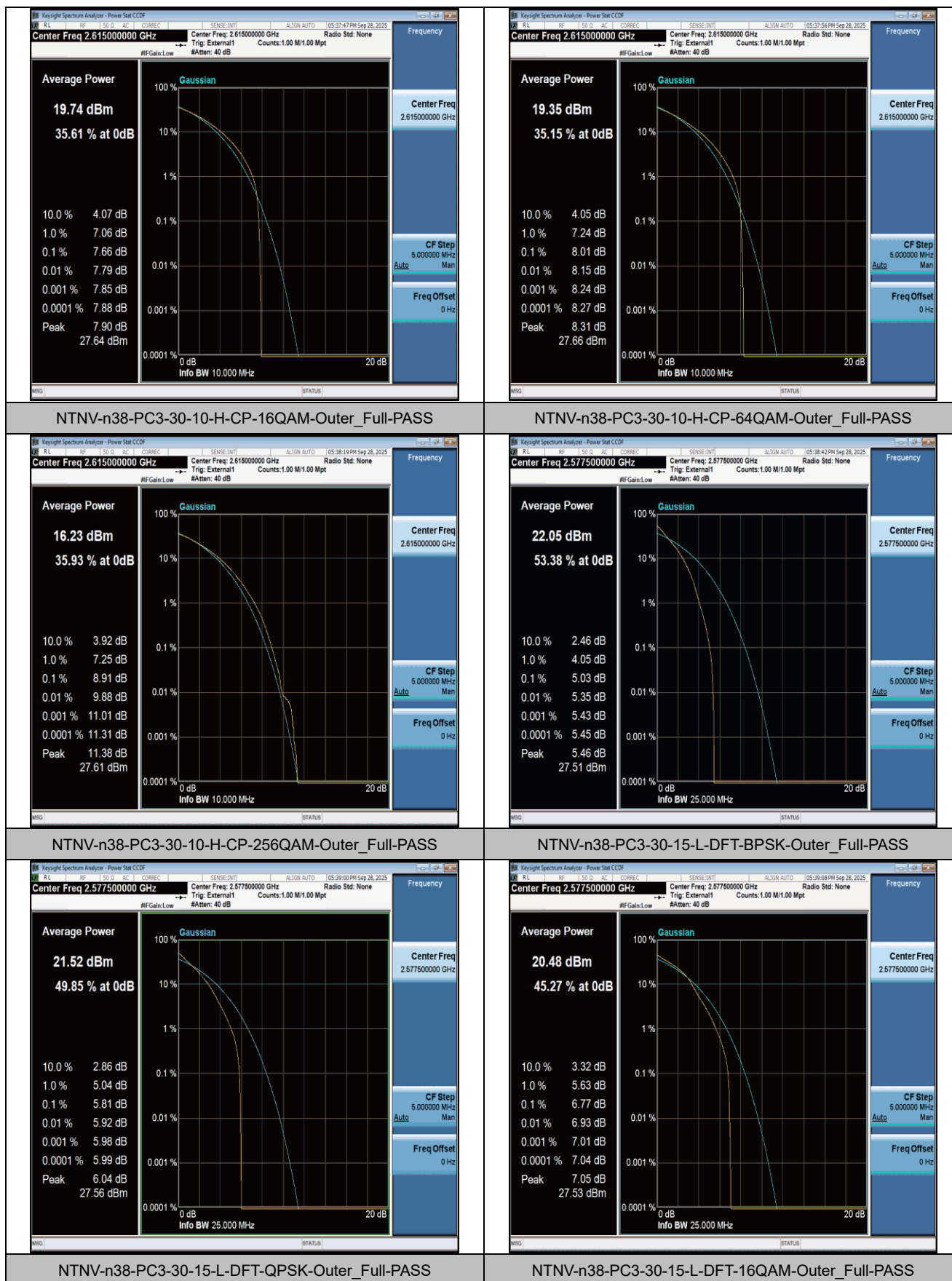
Test Graphs

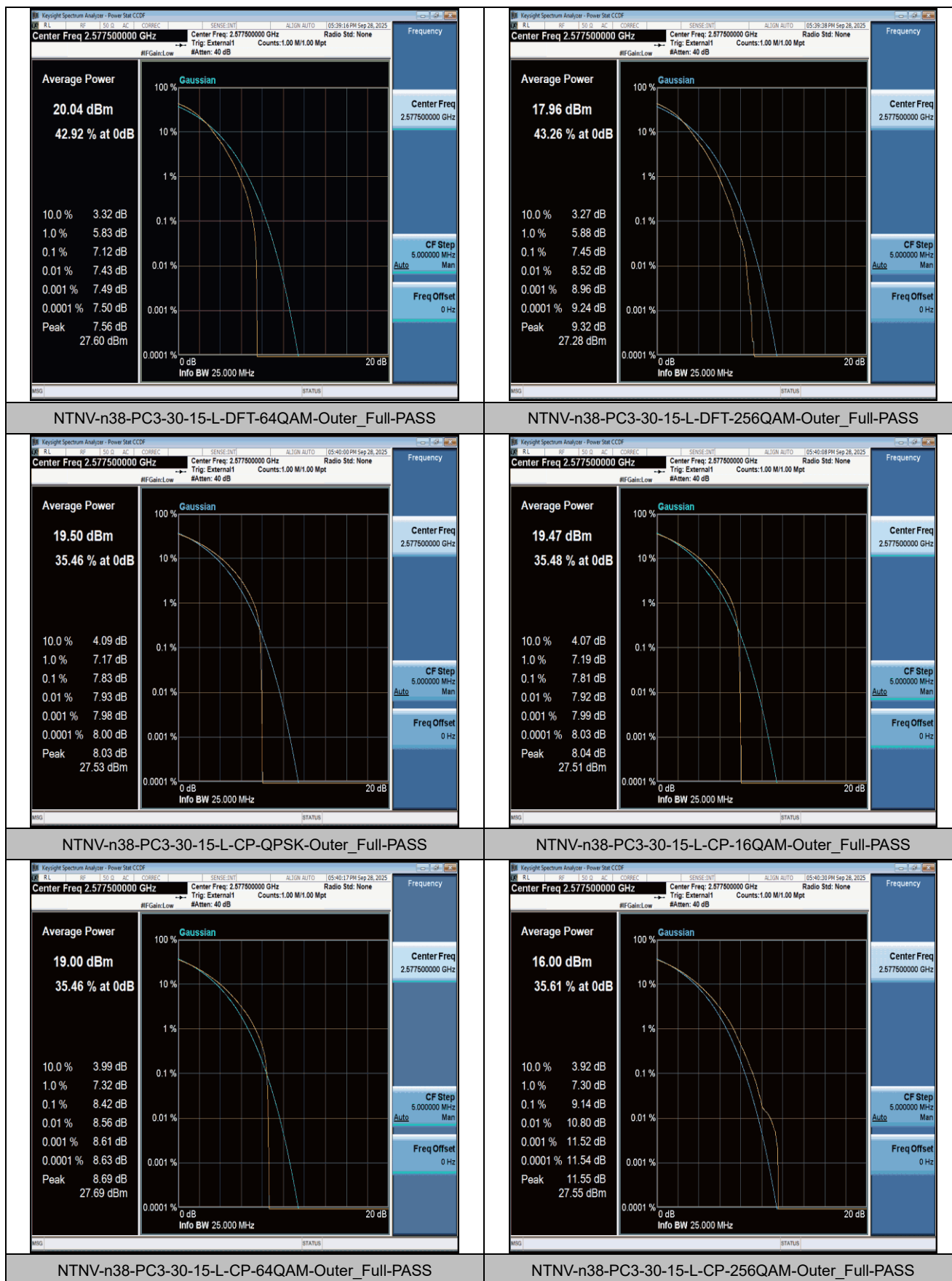


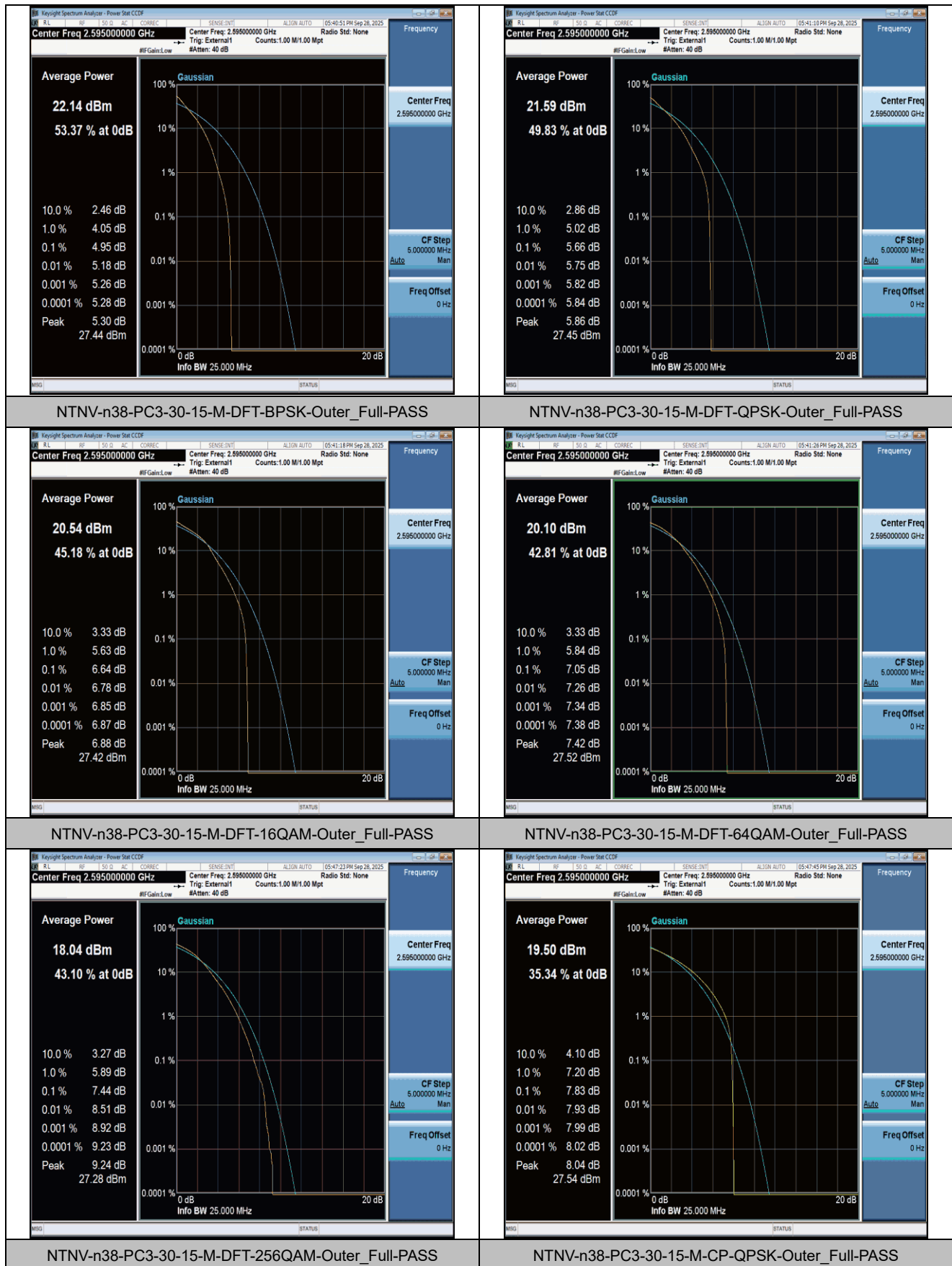


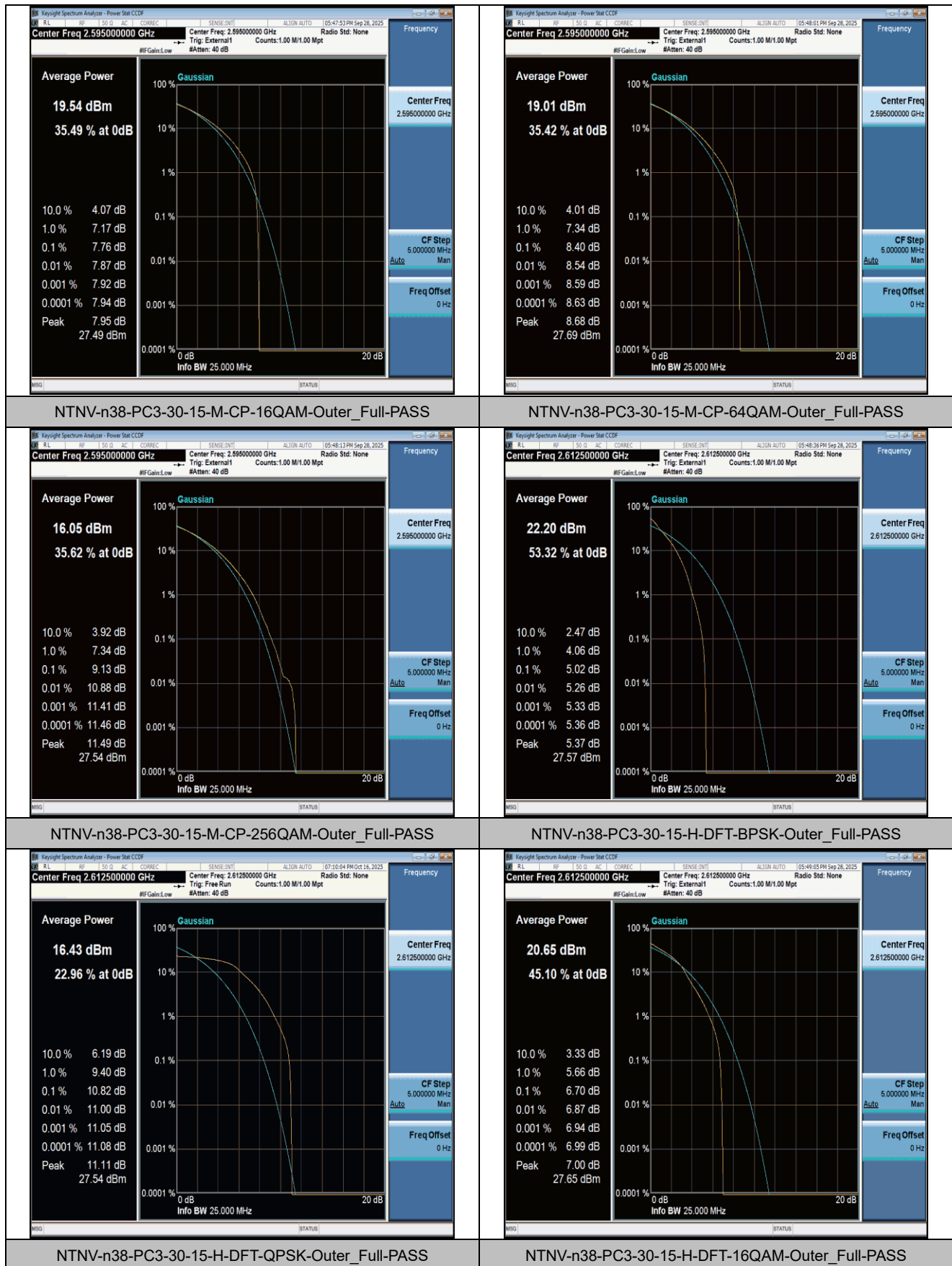


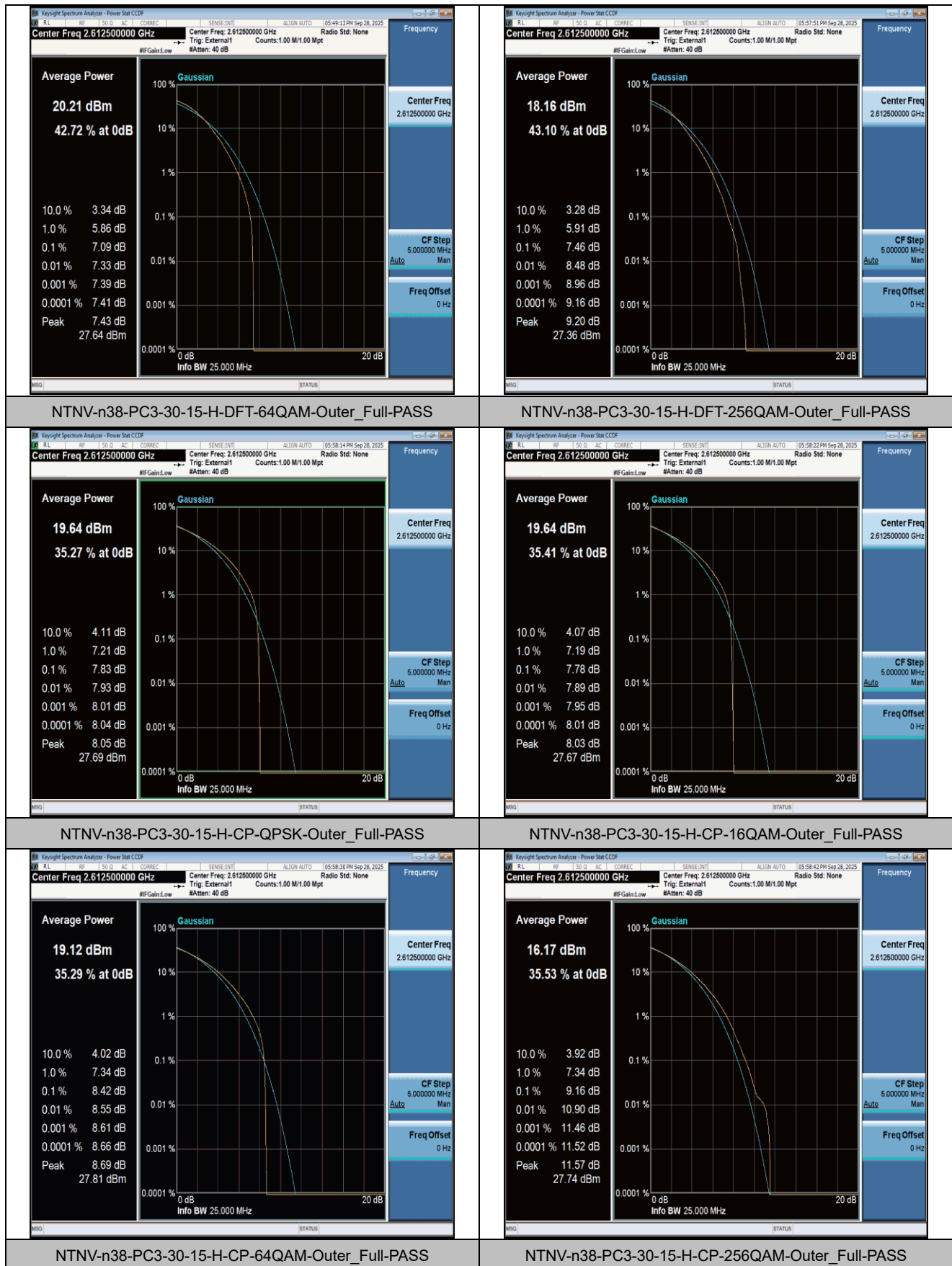


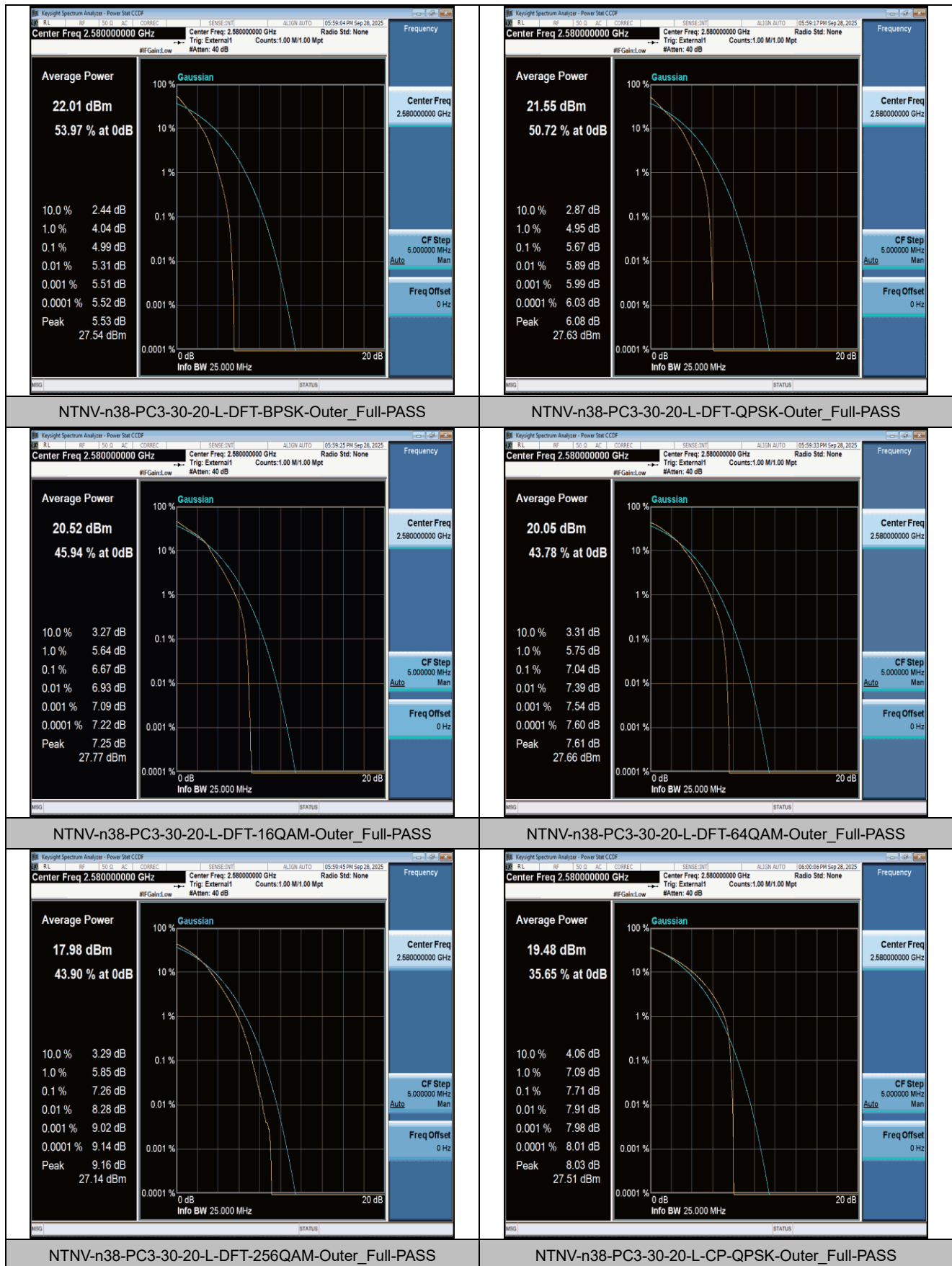


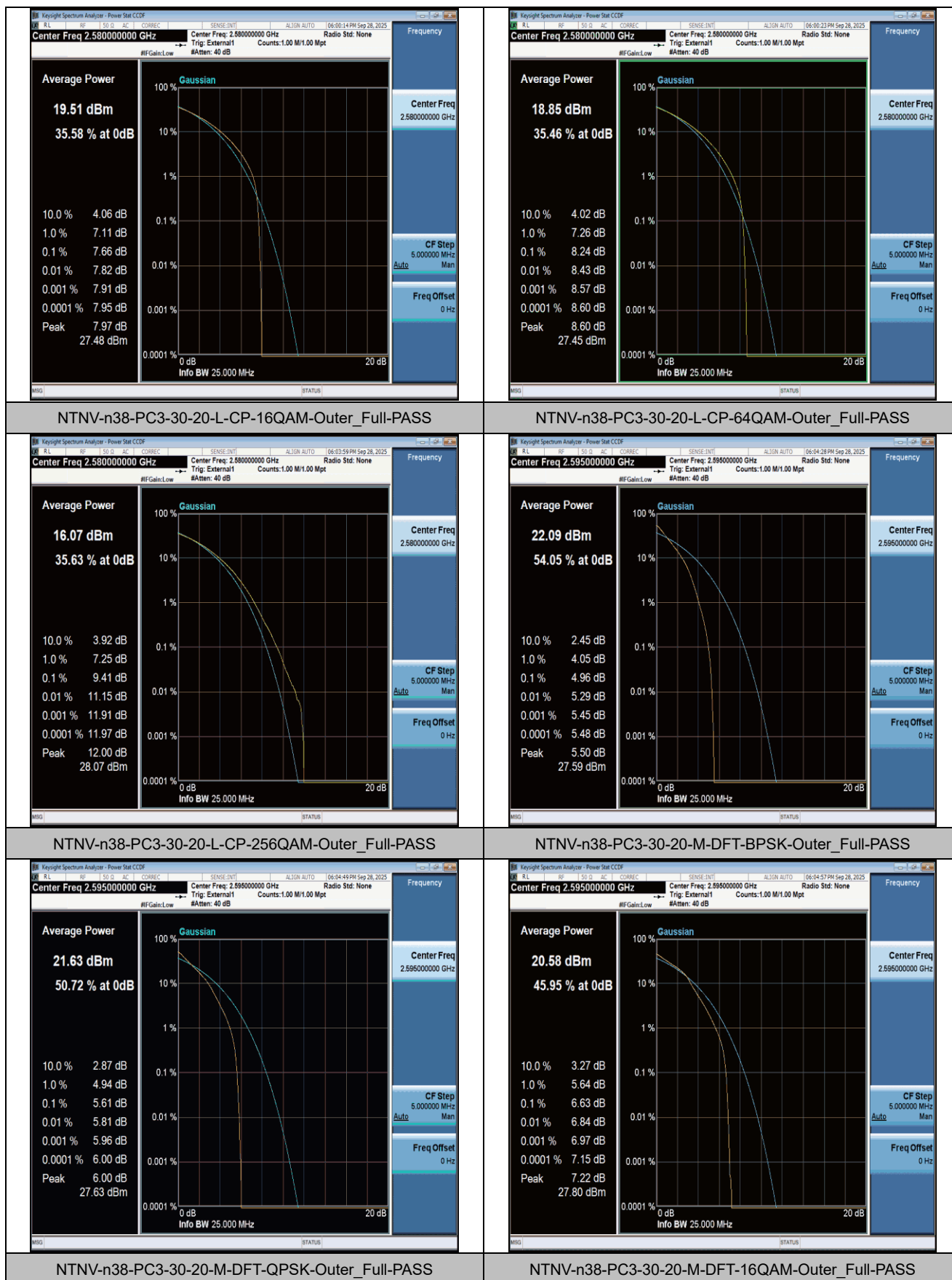


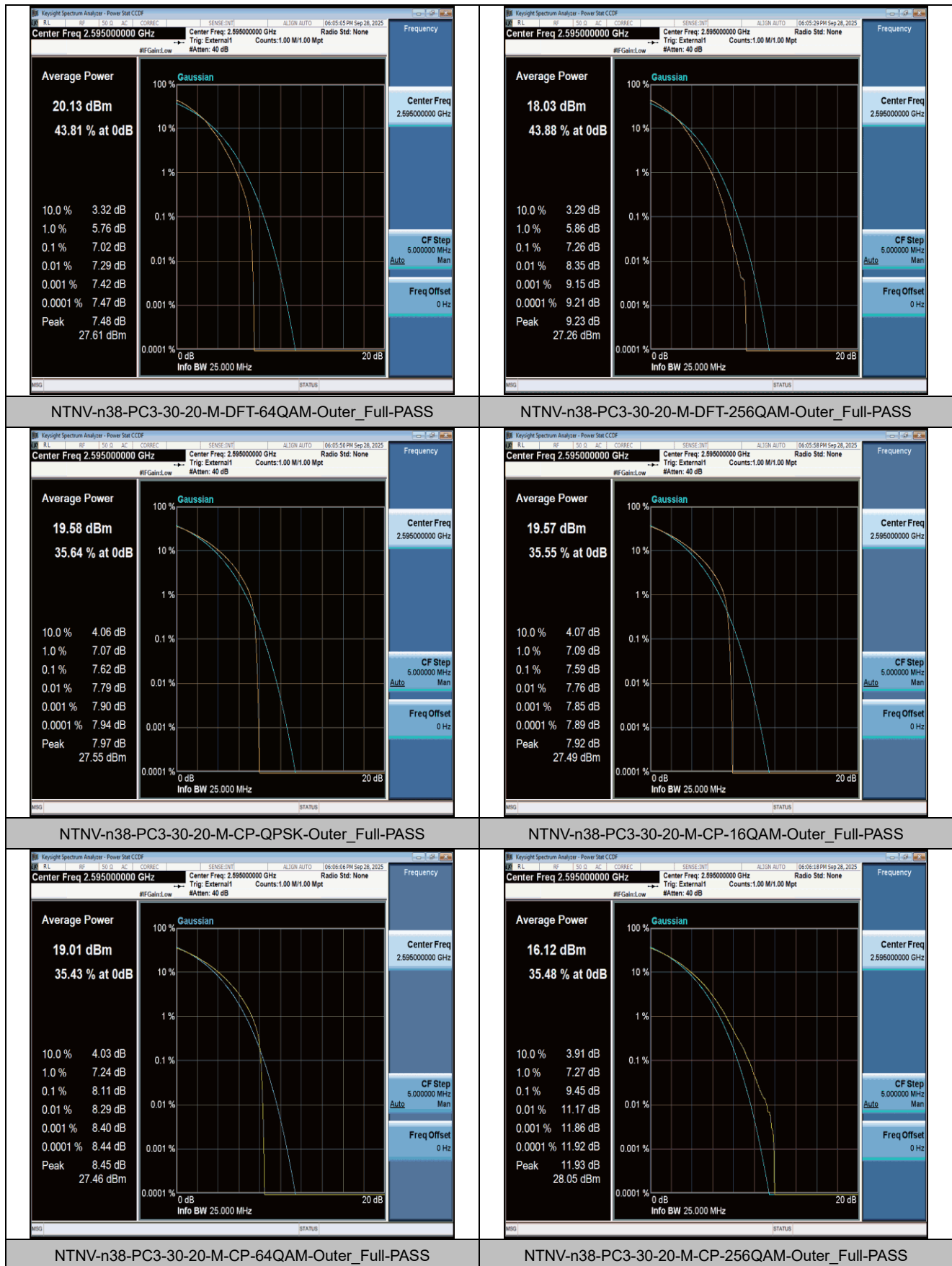


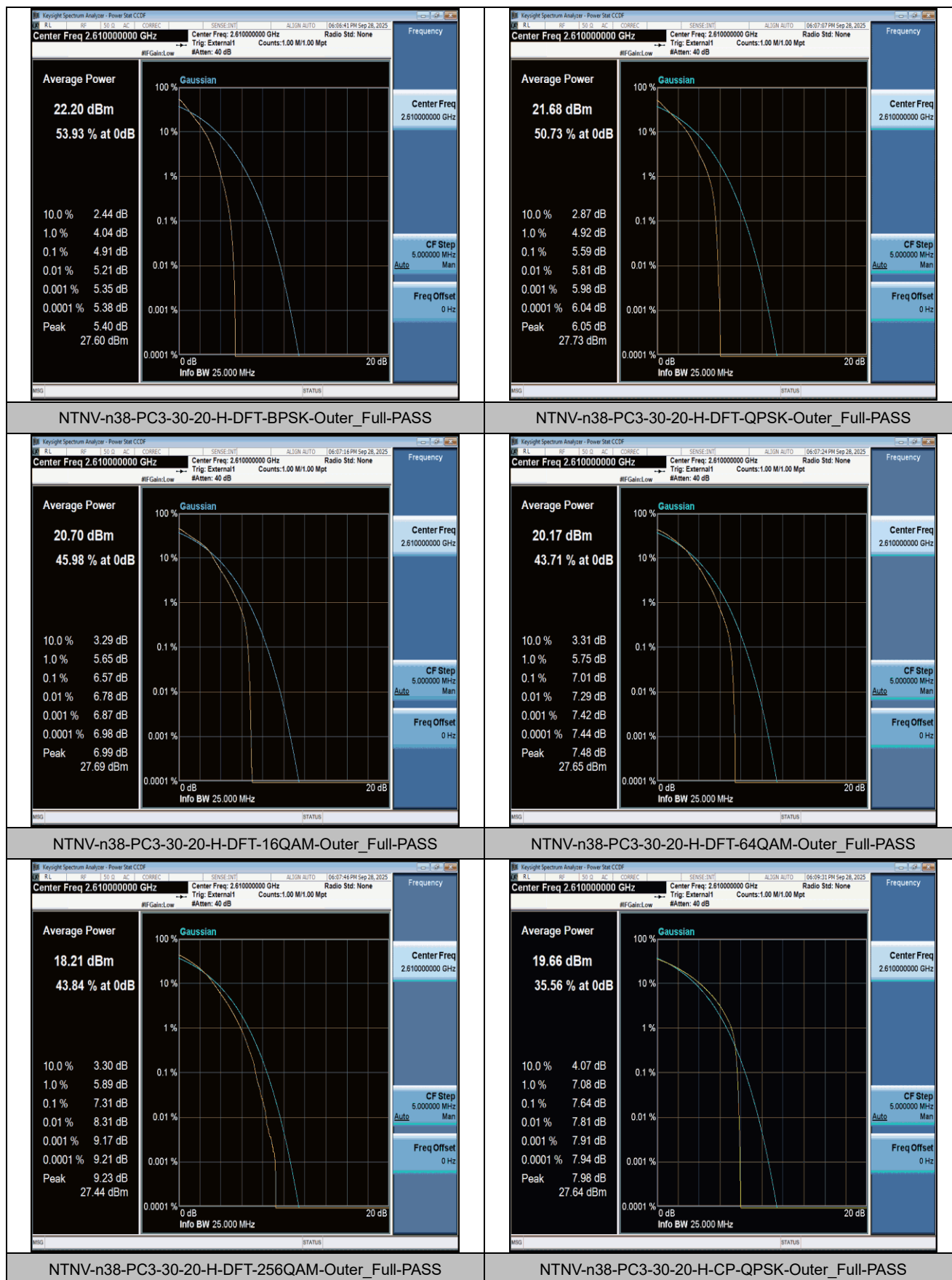


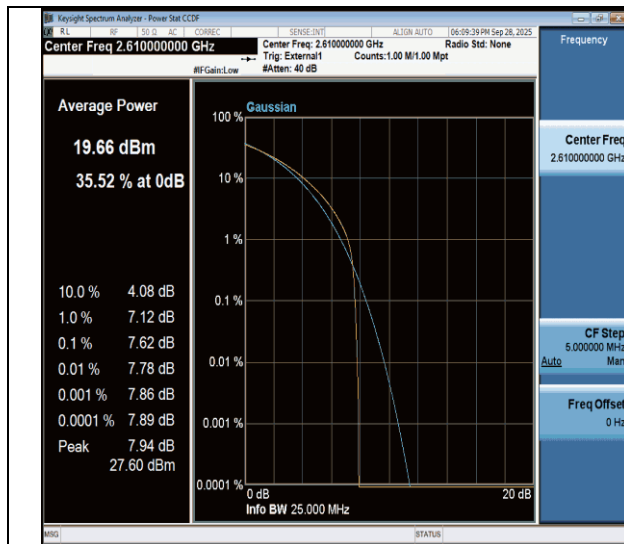




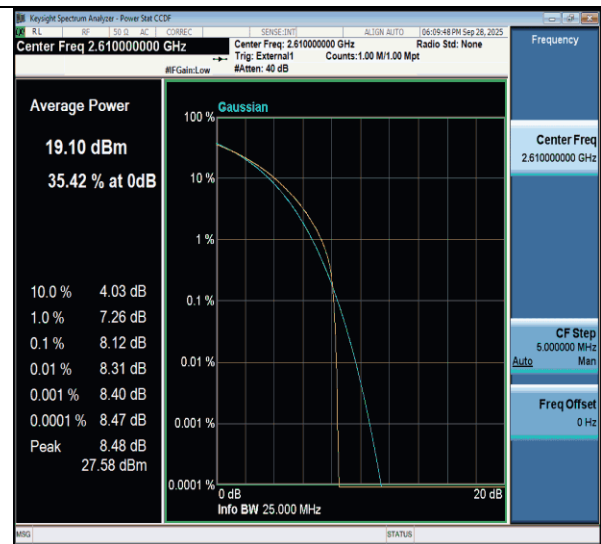




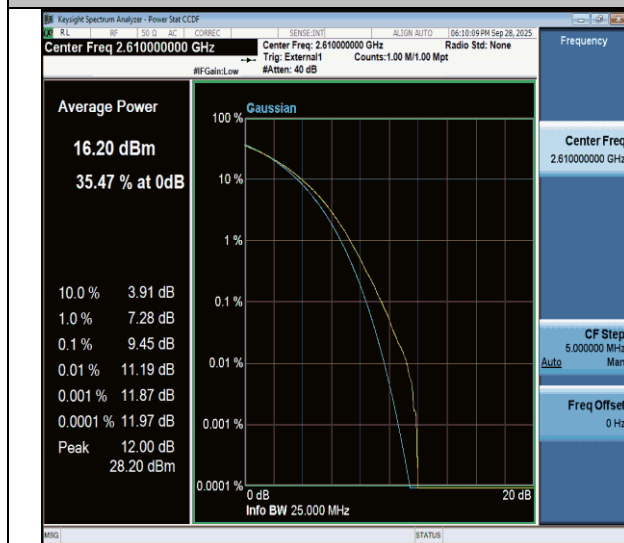




NTNV-n38-PC3-30-20-H-CP-16QAM-Outer_Full-PASS



NTNV-n38-PC3-30-20-H-CP-64QAM-Outer_Full-PASS



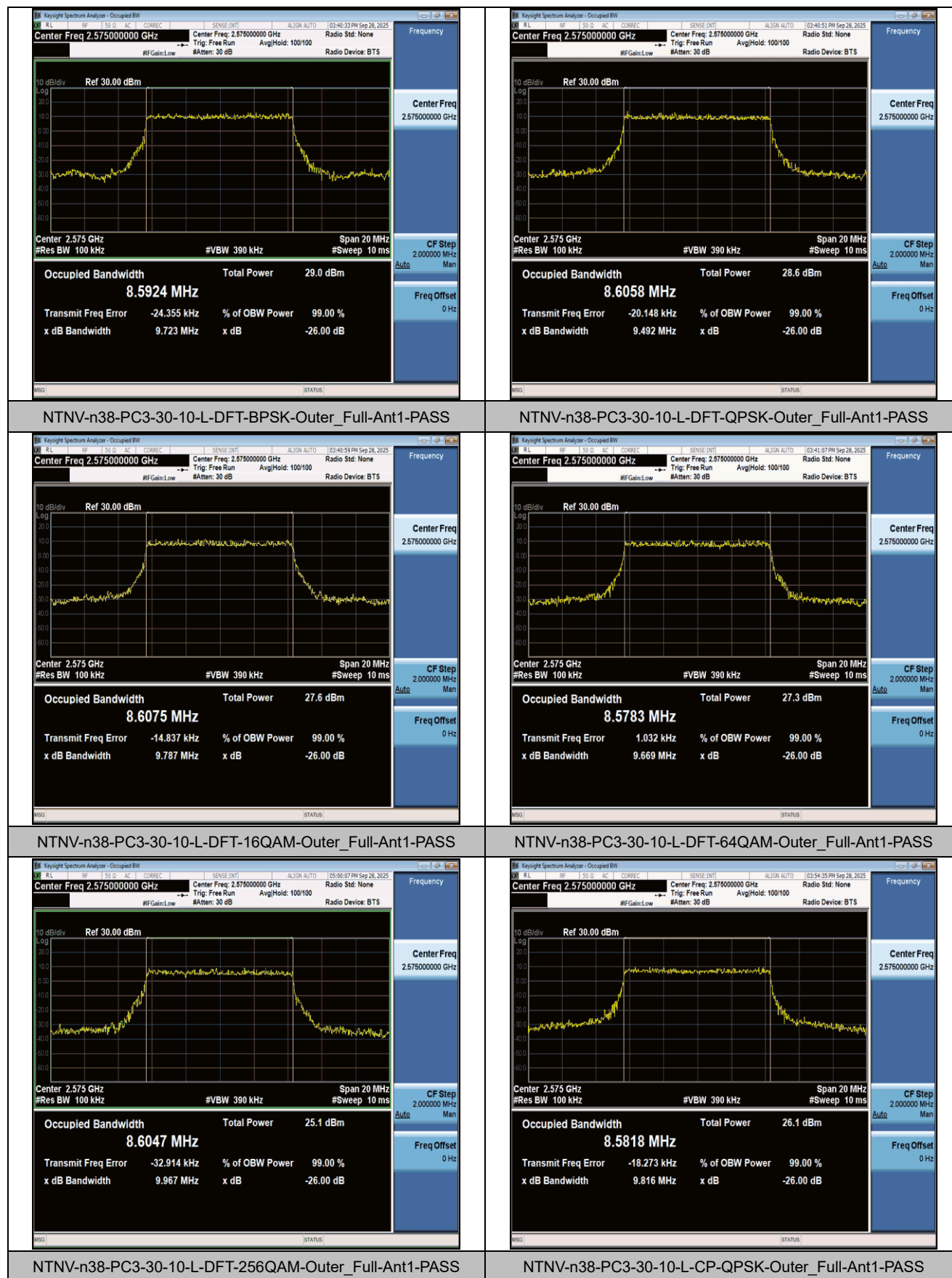
NTNV-n38-PC3-30-20-H-CP-256QAM-Outer_Full-PASS

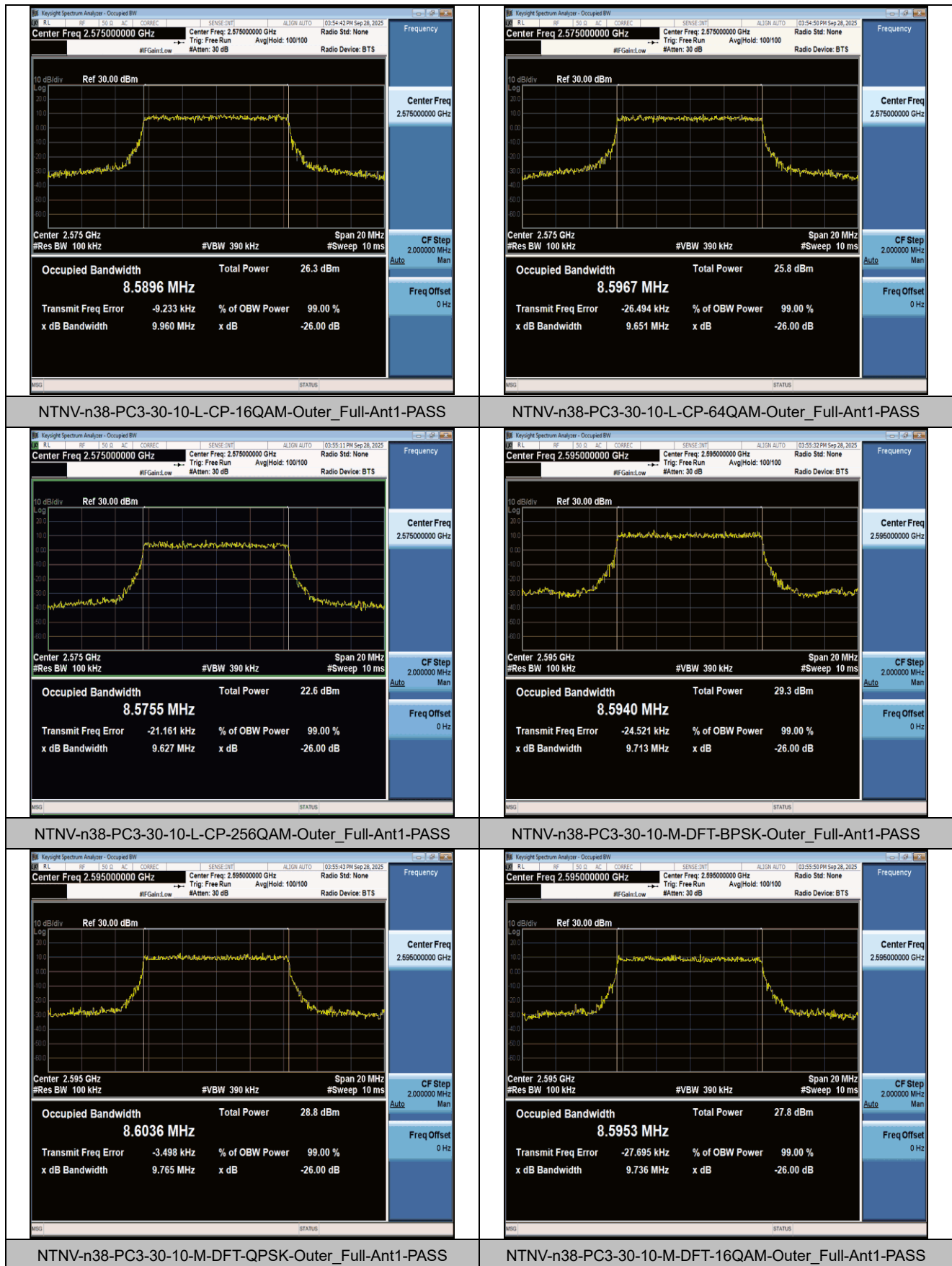
26dB Bandwidth and Occupied Bandwidth for SA**Test Result**

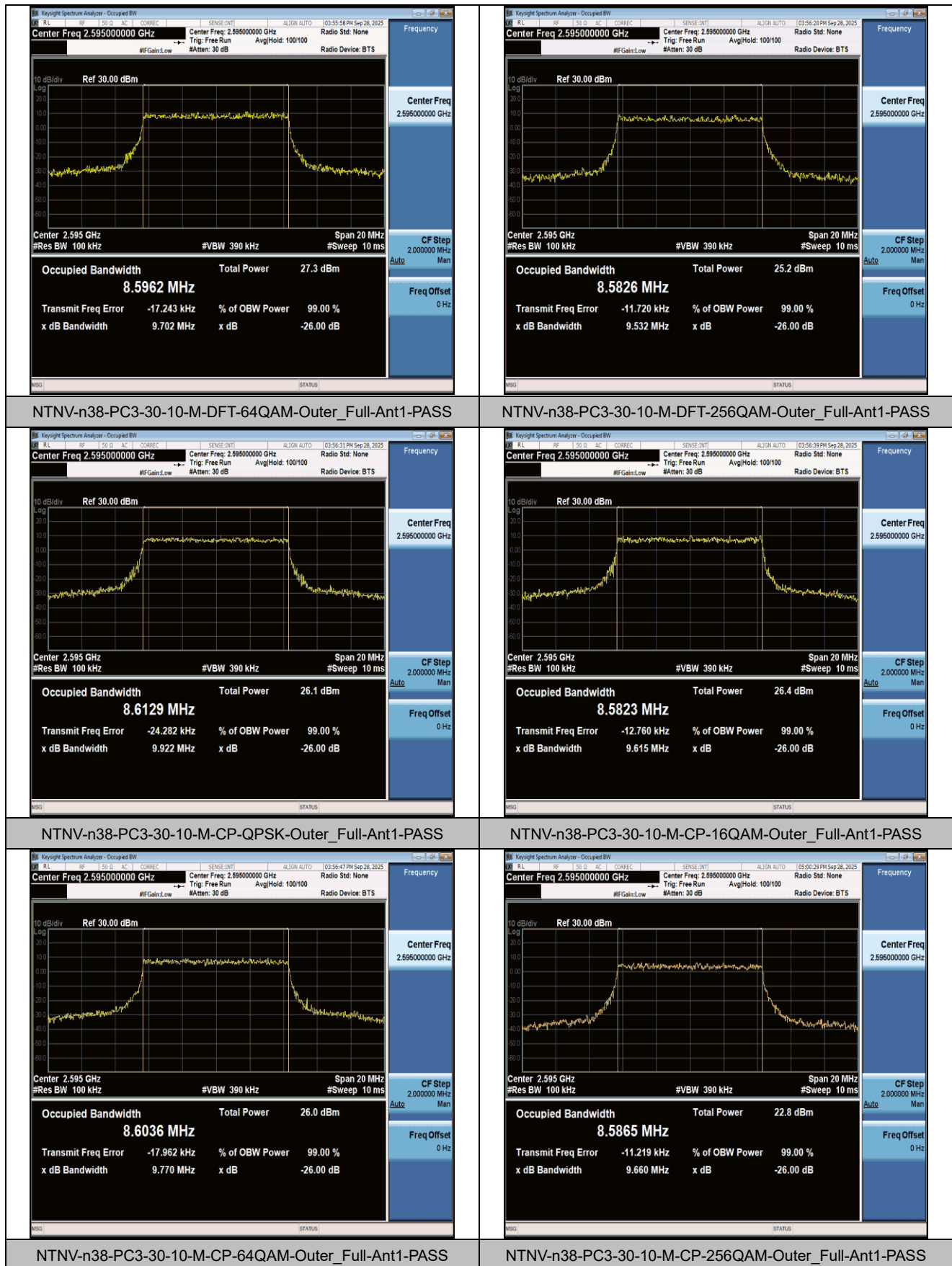
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
n38	30	10	DFT-BPSK	L	Outer_Full	8.5924	9.723	PASS
n38	30	10	DFT-QPSK	L	Outer_Full	8.6058	9.492	PASS
n38	30	10	DFT-16QAM	L	Outer_Full	8.6075	9.787	PASS
n38	30	10	DFT-64QAM	L	Outer_Full	8.5783	9.669	PASS
n38	30	10	DFT-256QAM	L	Outer_Full	8.6047	9.967	PASS
n38	30	10	CP-QPSK	L	Outer_Full	8.5818	9.816	PASS
n38	30	10	CP-16QAM	L	Outer_Full	8.5896	9.960	PASS
n38	30	10	CP-64QAM	L	Outer_Full	8.5967	9.651	PASS
n38	30	10	CP-256QAM	L	Outer_Full	8.5755	9.627	PASS
n38	30	10	DFT-BPSK	M	Outer_Full	8.5940	9.713	PASS
n38	30	10	DFT-QPSK	M	Outer_Full	8.6036	9.765	PASS
n38	30	10	DFT-16QAM	M	Outer_Full	8.5953	9.736	PASS
n38	30	10	DFT-64QAM	M	Outer_Full	8.5962	9.702	PASS
n38	30	10	DFT-256QAM	M	Outer_Full	8.5826	9.532	PASS
n38	30	10	CP-QPSK	M	Outer_Full	8.6129	9.922	PASS
n38	30	10	CP-16QAM	M	Outer_Full	8.5823	9.615	PASS
n38	30	10	CP-64QAM	M	Outer_Full	8.6036	9.770	PASS
n38	30	10	CP-256QAM	M	Outer_Full	8.5865	9.660	PASS
n38	30	10	DFT-BPSK	H	Outer_Full	8.5941	9.668	PASS
n38	30	10	DFT-QPSK	H	Outer_Full	8.6187	9.667	PASS
n38	30	10	DFT-16QAM	H	Outer_Full	8.6084	9.720	PASS
n38	30	10	DFT-64QAM	H	Outer_Full	8.5744	9.662	PASS
n38	30	10	DFT-256QAM	H	Outer_Full	8.5956	9.981	PASS
n38	30	10	CP-QPSK	H	Outer_Full	8.5828	9.717	PASS
n38	30	10	CP-16QAM	H	Outer_Full	8.6134	9.848	PASS
n38	30	10	CP-64QAM	H	Outer_Full	8.5881	9.768	PASS
n38	30	10	CP-256QAM	H	Outer_Full	8.5792	9.754	PASS
n38	30	15	DFT-BPSK	L	Outer_Full	12.849	14.32	PASS
n38	30	15	DFT-QPSK	L	Outer_Full	12.852	14.07	PASS
n38	30	15	DFT-16QAM	L	Outer_Full	12.890	14.08	PASS
n38	30	15	DFT-64QAM	L	Outer_Full	12.856	14.08	PASS
n38	30	15	DFT-256QAM	L	Outer_Full	12.870	13.97	PASS
n38	30	15	CP-QPSK	L	Outer_Full	13.560	14.88	PASS
n38	30	15	CP-16QAM	L	Outer_Full	13.570	14.90	PASS
n38	30	15	CP-64QAM	L	Outer_Full	13.576	15.04	PASS
n38	30	15	CP-256QAM	L	Outer_Full	13.572	14.70	PASS
n38	30	15	DFT-BPSK	M	Outer_Full	12.853	14.15	PASS
n38	30	15	DFT-QPSK	M	Outer_Full	12.853	14.02	PASS
n38	30	15	DFT-16QAM	M	Outer_Full	12.860	14.02	PASS

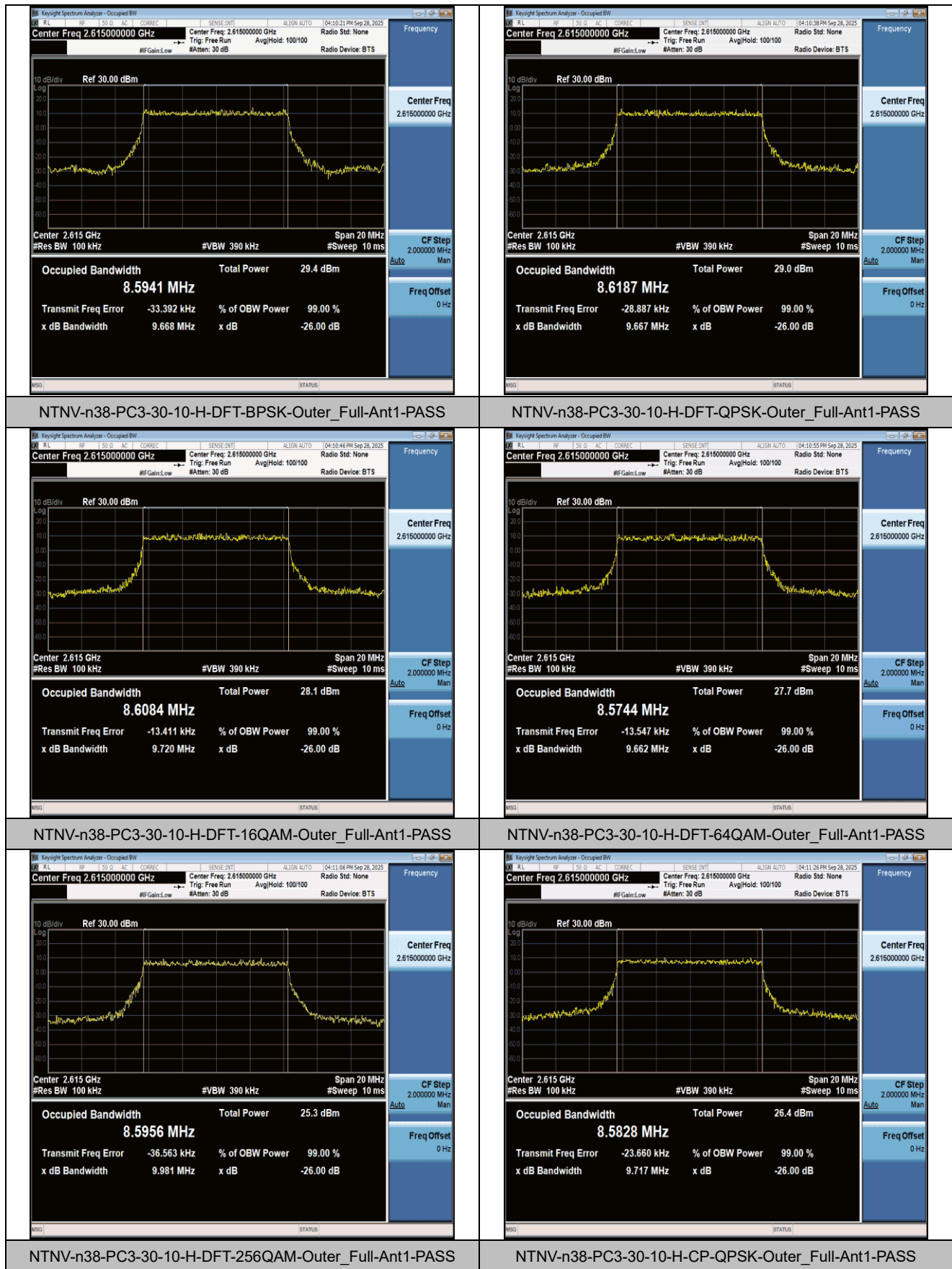
n38	30	15	DFT-64QAM	M	Outer_Full	12.832	14.13	PASS
n38	30	15	DFT-256QAM	M	Outer_Full	12.862	13.98	PASS
n38	30	15	CP-QPSK	M	Outer_Full	13.572	14.93	PASS
n38	30	15	CP-16QAM	M	Outer_Full	13.572	14.94	PASS
n38	30	15	CP-64QAM	M	Outer_Full	13.608	15.05	PASS
n38	30	15	CP-256QAM	M	Outer_Full	13.578	15.00	PASS
n38	30	15	DFT-BPSK	H	Outer_Full	12.865	14.17	PASS
n38	30	15	DFT-QPSK	H	Outer_Full	12.881	14.32	PASS
n38	30	15	DFT-16QAM	H	Outer_Full	12.865	14.01	PASS
n38	30	15	DFT-64QAM	H	Outer_Full	12.845	14.03	PASS
n38	30	15	DFT-256QAM	H	Outer_Full	12.854	14.03	PASS
n38	30	15	CP-QPSK	H	Outer_Full	13.572	14.80	PASS
n38	30	15	CP-16QAM	H	Outer_Full	13.552	14.92	PASS
n38	30	15	CP-64QAM	H	Outer_Full	13.578	14.94	PASS
n38	30	15	CP-256QAM	H	Outer_Full	13.564	14.65	PASS
n38	30	20	DFT-BPSK	L	Outer_Full	17.822	19.15	PASS
n38	30	20	DFT-QPSK	L	Outer_Full	17.836	19.29	PASS
n38	30	20	DFT-16QAM	L	Outer_Full	17.867	19.14	PASS
n38	30	20	DFT-64QAM	L	Outer_Full	17.832	19.21	PASS
n38	30	20	DFT-256QAM	L	Outer_Full	17.796	19.31	PASS
n38	30	20	CP-QPSK	L	Outer_Full	18.193	19.80	PASS
n38	30	20	CP-16QAM	L	Outer_Full	18.192	19.61	PASS
n38	30	20	CP-64QAM	L	Outer_Full	18.193	19.82	PASS
n38	30	20	CP-256QAM	L	Outer_Full	18.194	19.54	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	17.824	19.22	PASS
n38	30	20	DFT-QPSK	M	Outer_Full	17.806	19.16	PASS
n38	30	20	DFT-16QAM	M	Outer_Full	17.860	19.19	PASS
n38	30	20	DFT-64QAM	M	Outer_Full	17.839	19.26	PASS
n38	30	20	DFT-256QAM	M	Outer_Full	17.795	19.20	PASS
n38	30	20	CP-QPSK	M	Outer_Full	18.196	19.76	PASS
n38	30	20	CP-16QAM	M	Outer_Full	18.210	19.52	PASS
n38	30	20	CP-64QAM	M	Outer_Full	18.191	19.70	PASS
n38	30	20	CP-256QAM	M	Outer_Full	18.244	19.68	PASS
n38	30	20	DFT-BPSK	H	Outer_Full	17.799	19.27	PASS
n38	30	20	DFT-QPSK	H	Outer_Full	17.826	19.32	PASS
n38	30	20	DFT-16QAM	H	Outer_Full	17.867	19.46	PASS
n38	30	20	DFT-64QAM	H	Outer_Full	17.852	19.19	PASS
n38	30	20	DFT-256QAM	H	Outer_Full	17.803	19.45	PASS
n38	30	20	CP-QPSK	H	Outer_Full	18.198	19.69	PASS
n38	30	20	CP-16QAM	H	Outer_Full	18.195	19.56	PASS
n38	30	20	CP-64QAM	H	Outer_Full	18.184	19.75	PASS
n38	30	20	CP-256QAM	H	Outer_Full	18.174	19.89	PASS

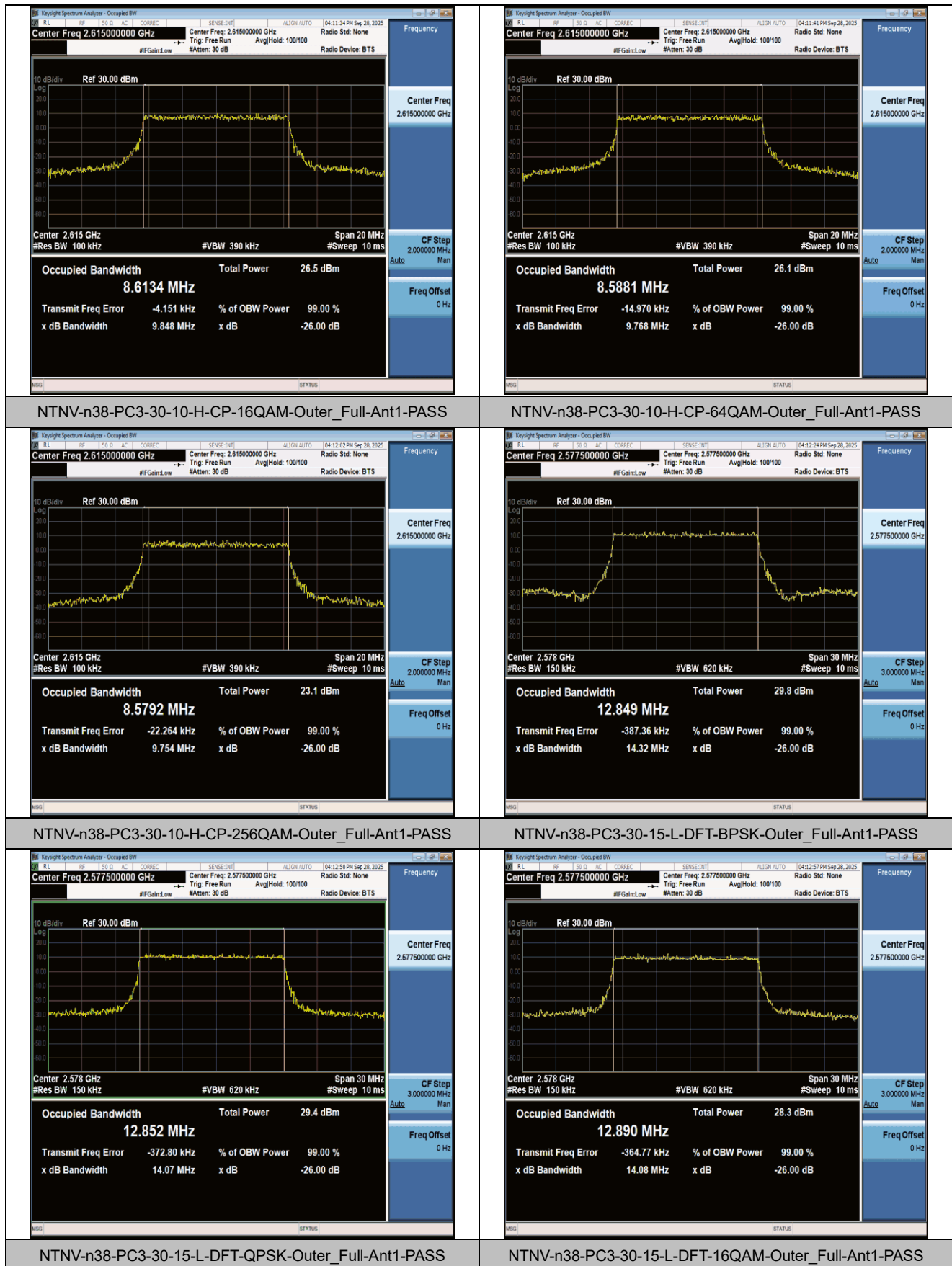
Test Graphs

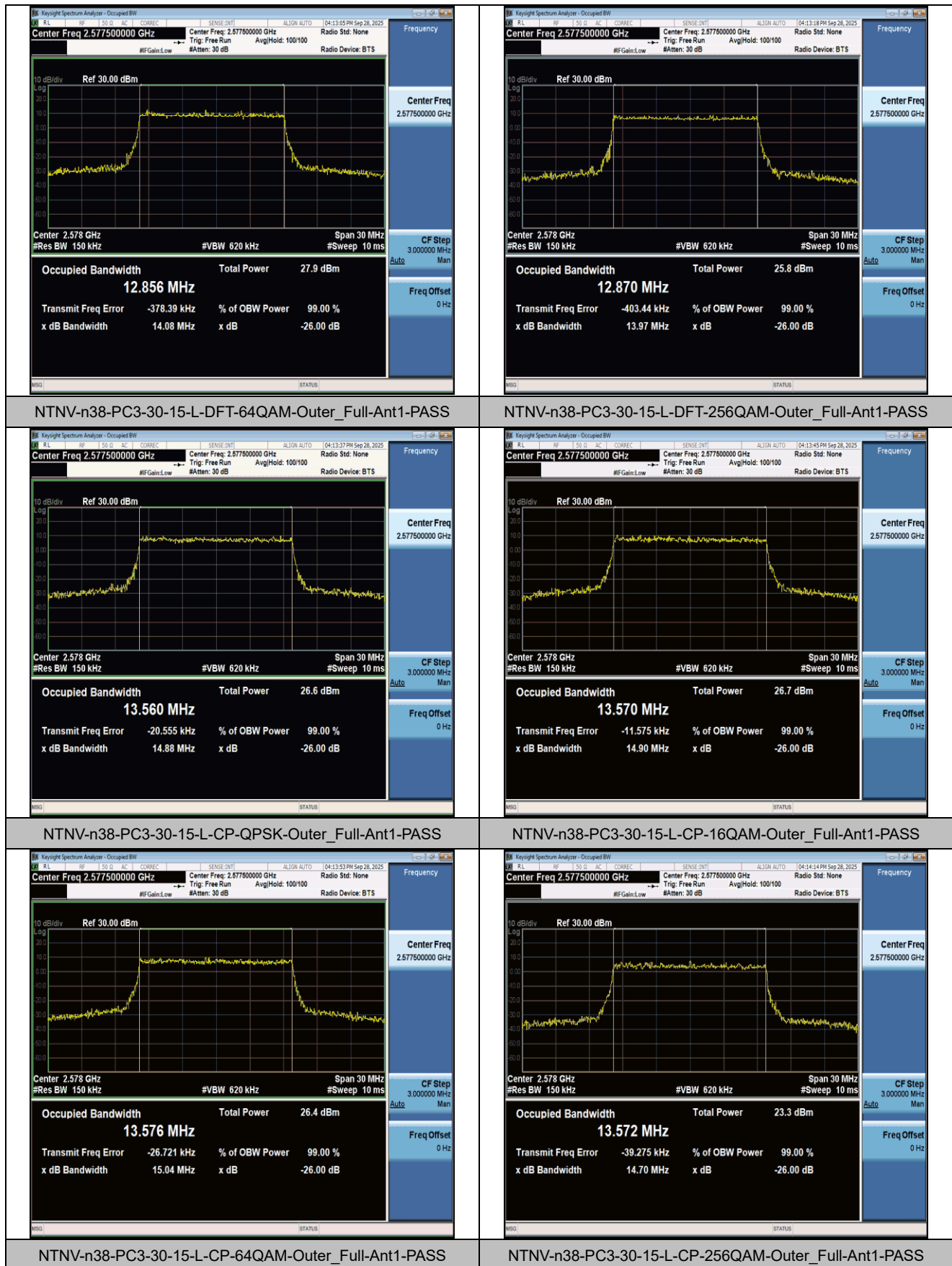


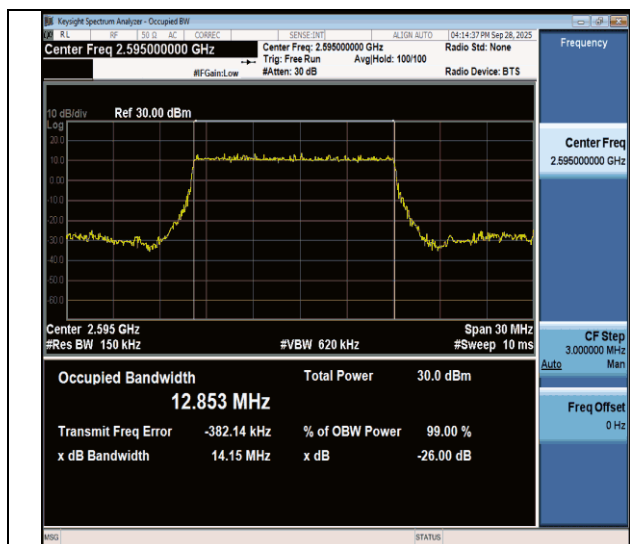




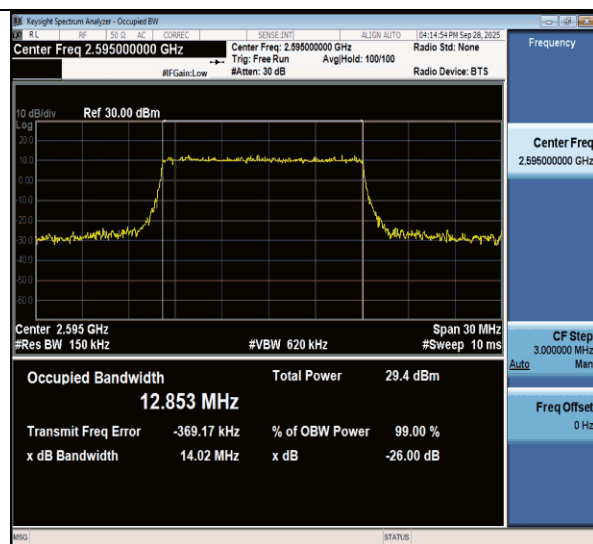




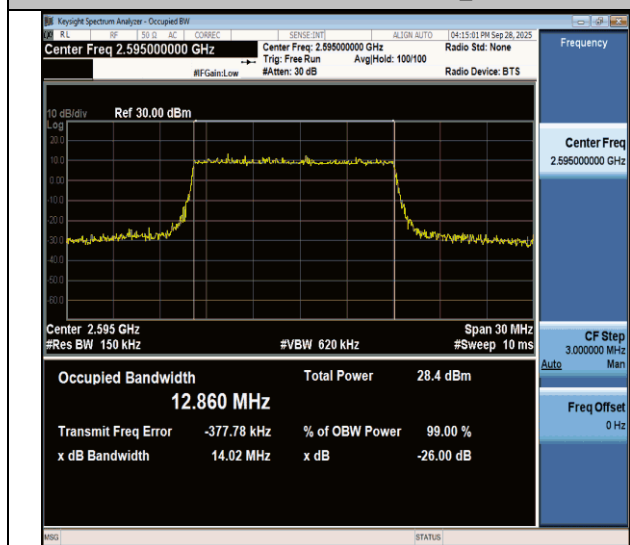




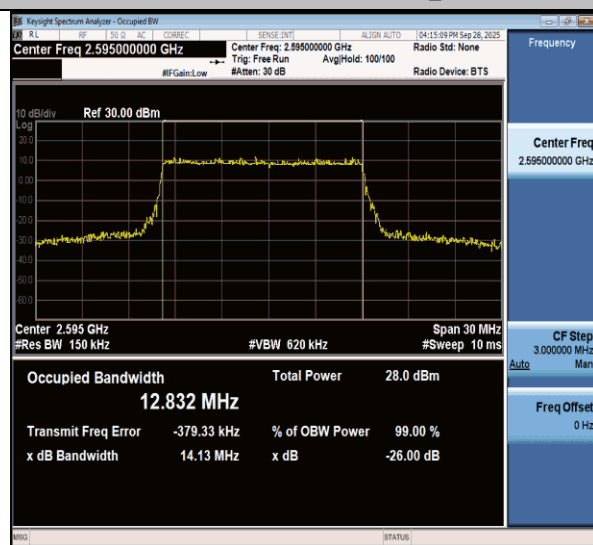
NTNV-n38-PC3-30-15-M-DFT-BPSK-Outet_Full-Ant1-PASS



NTNV-n38-PC3-30-15-M-DFT-QPSK-Outet_Full-Ant1-PASS



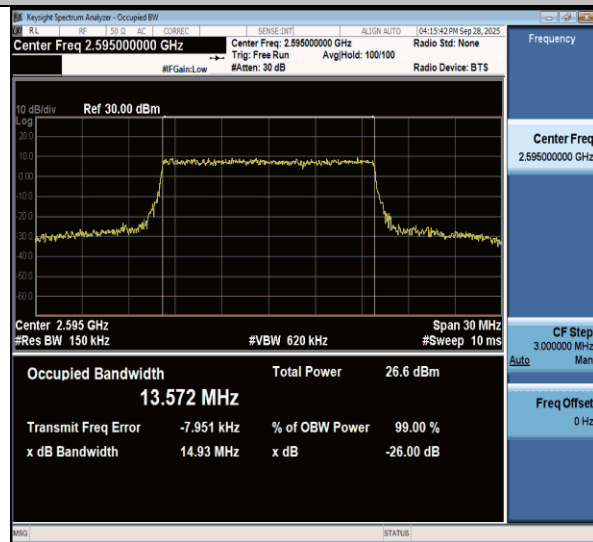
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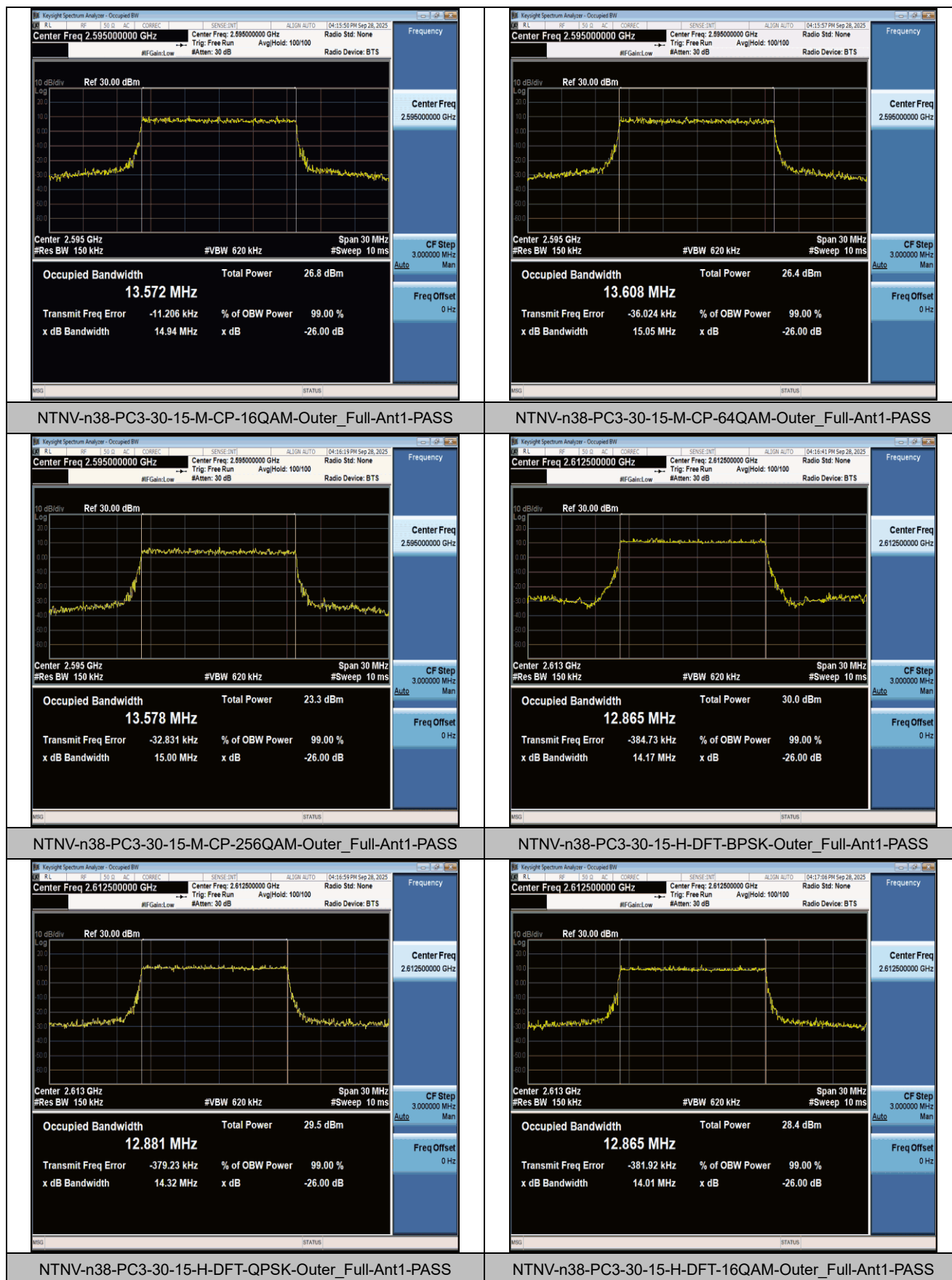
NTNV-n38-PC3-30-15-M-DFT-64QAM-Outet_Full-Ant1-PASS

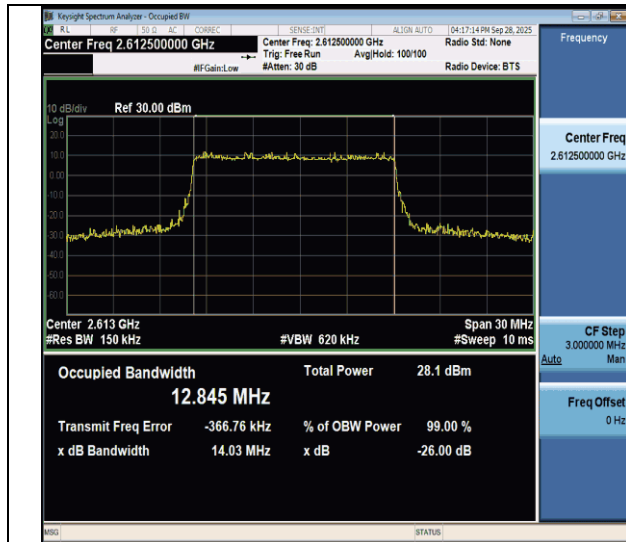


NTNV-n38-PC3-30-15-M-DFT-256QAM-Outet_Full-Ant1-PASS

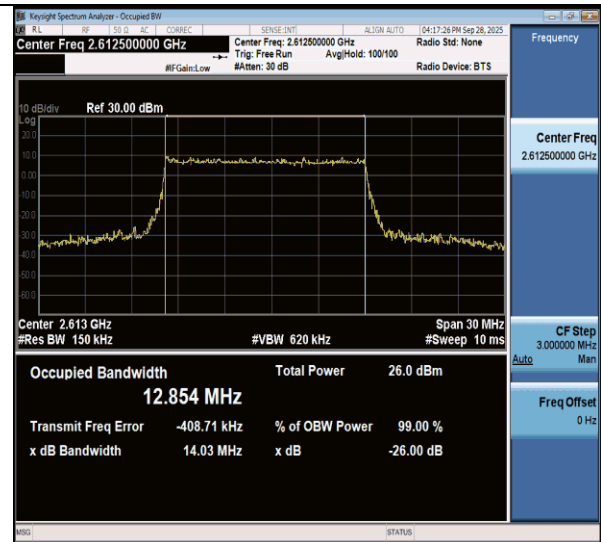


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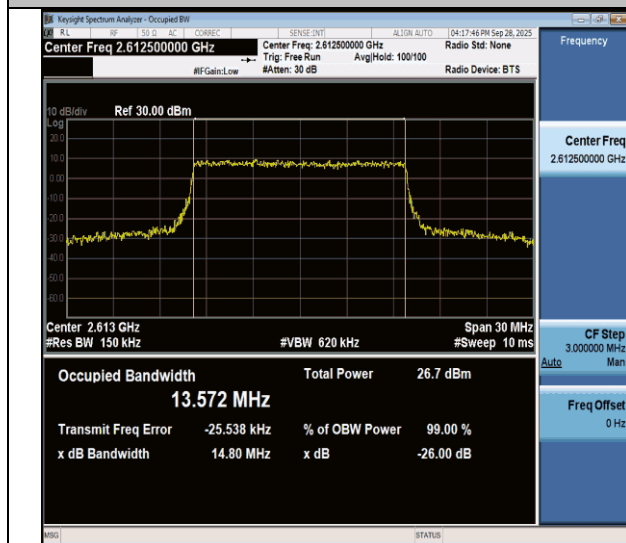




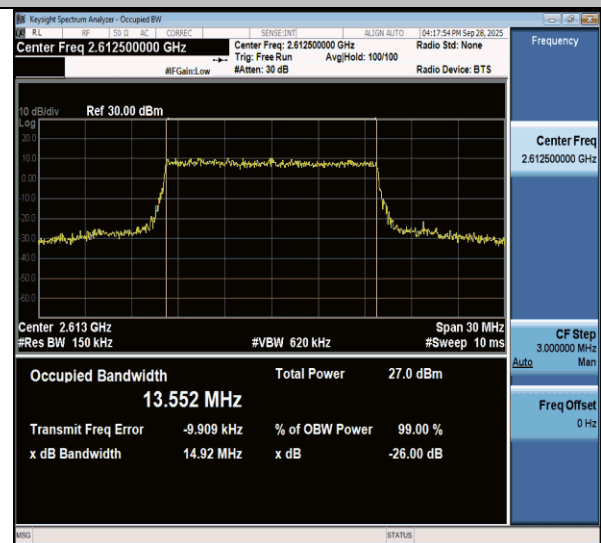
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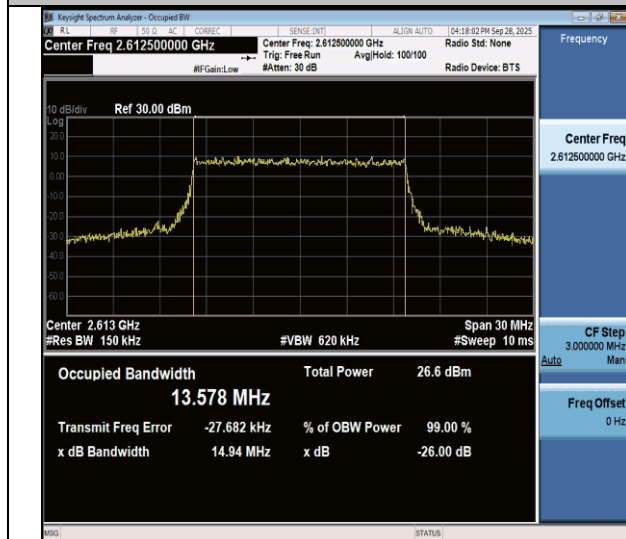
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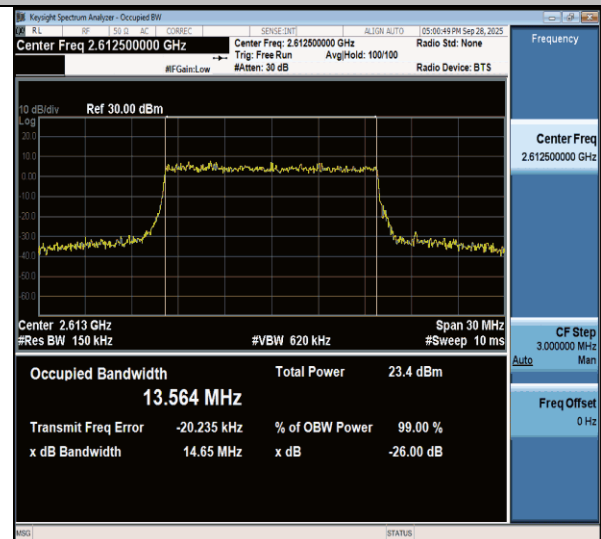
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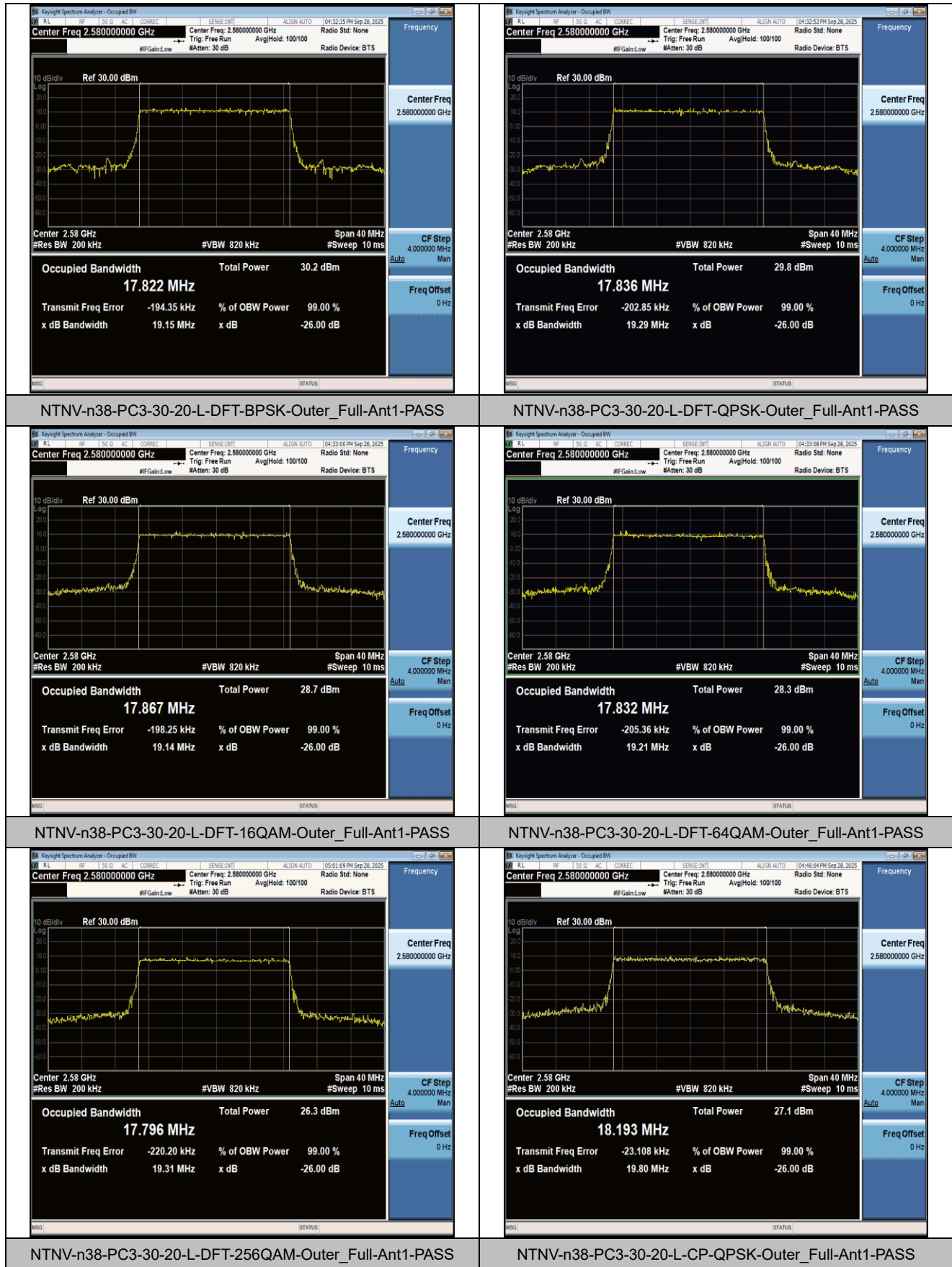
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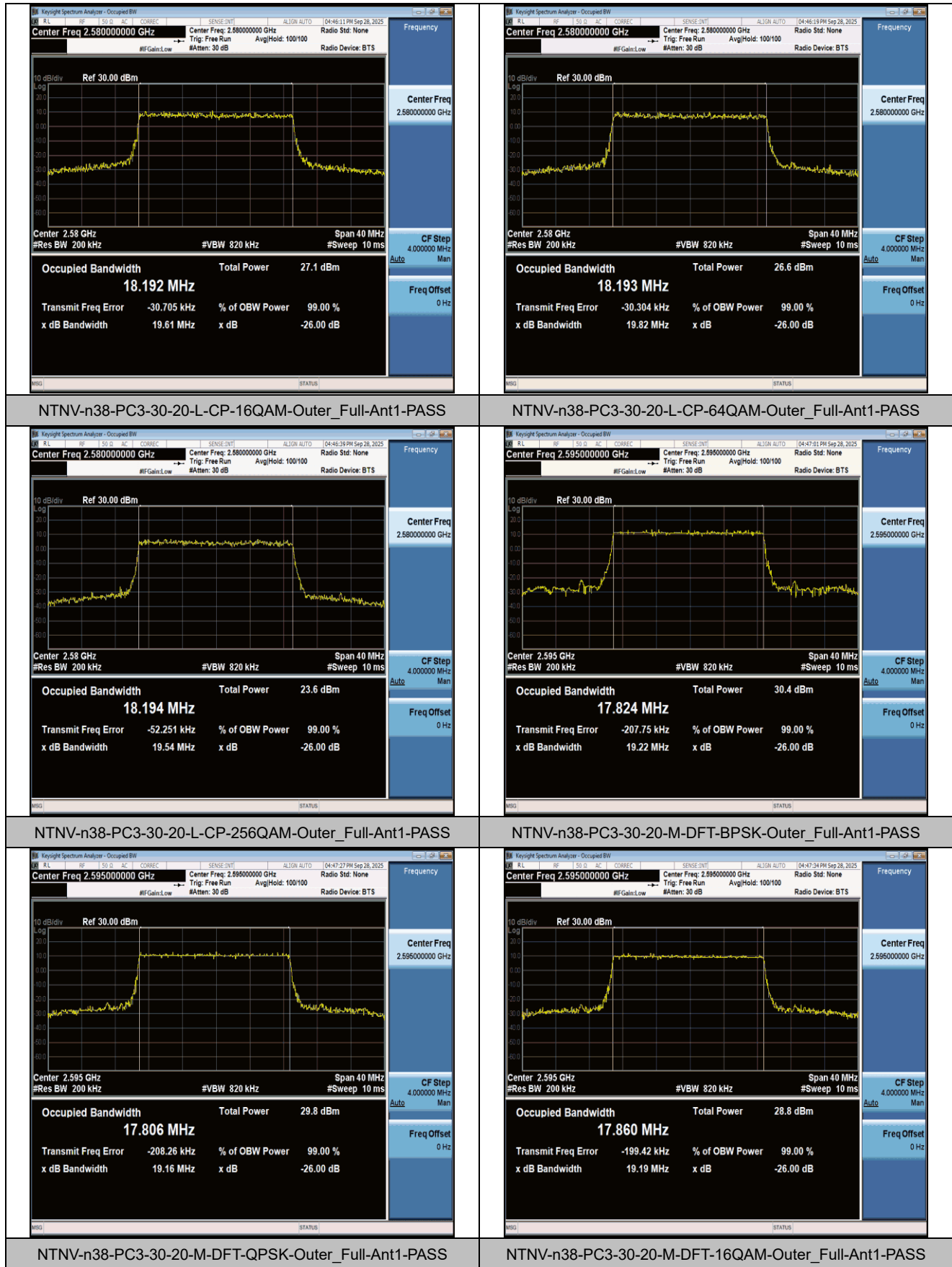


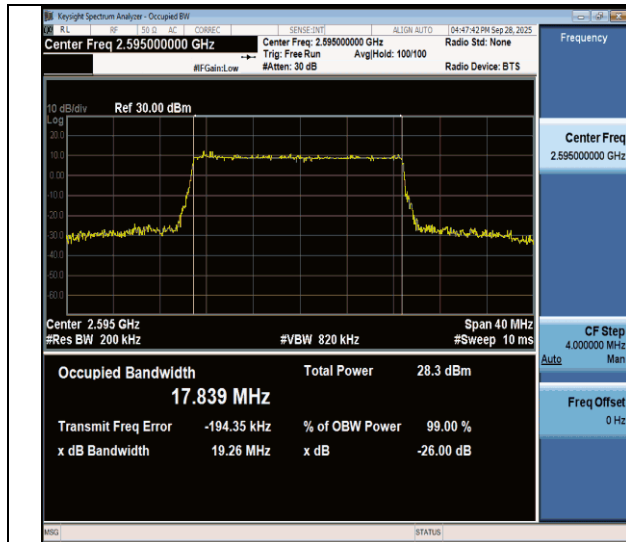
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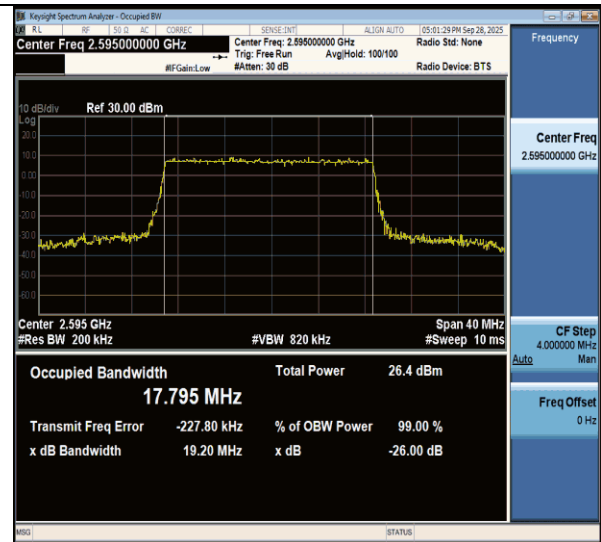
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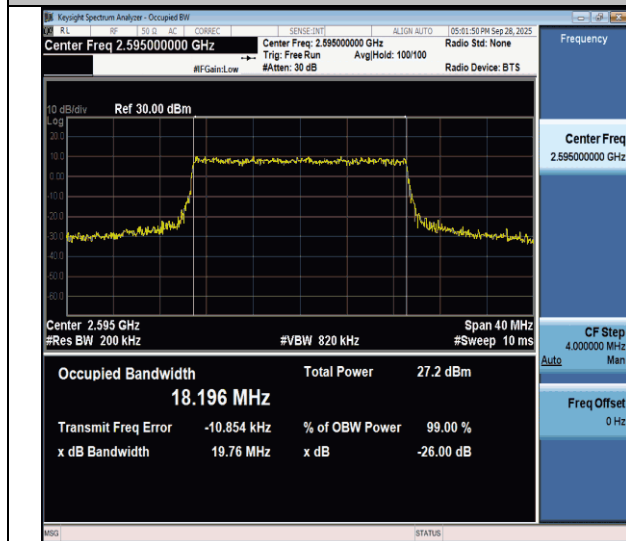




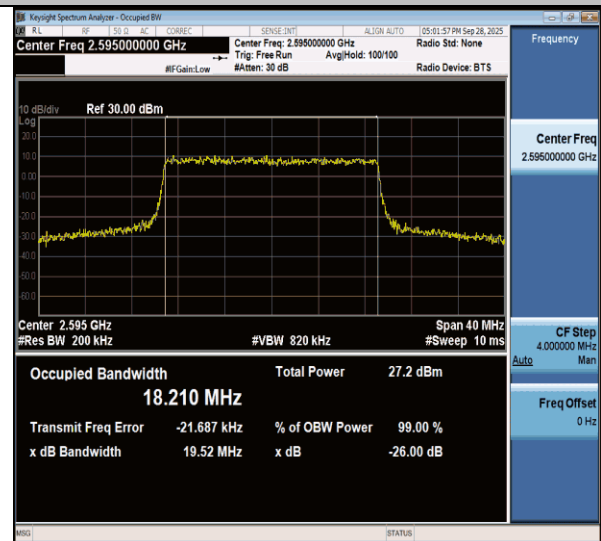
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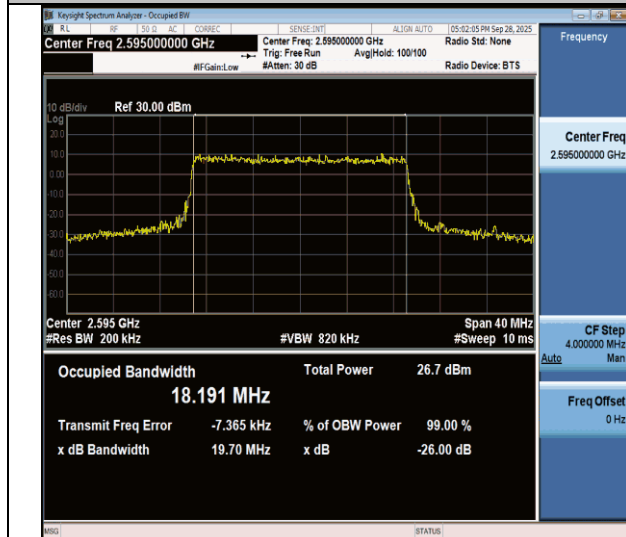
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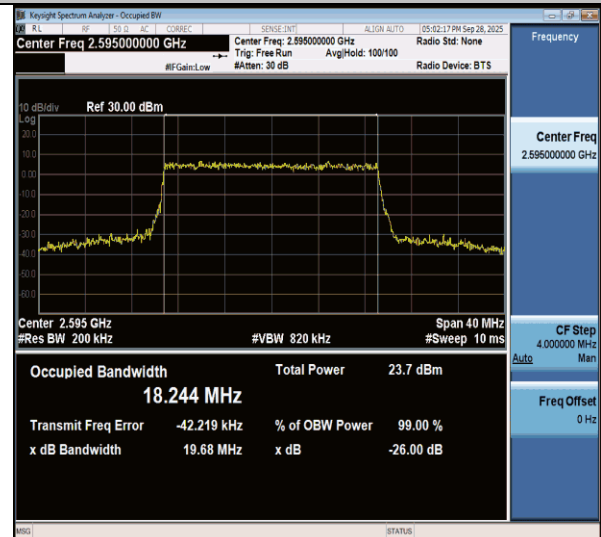
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NTVN-n38-PC3-30-20-M-CP-16QAM-Outer_Full-Ant1-PASS



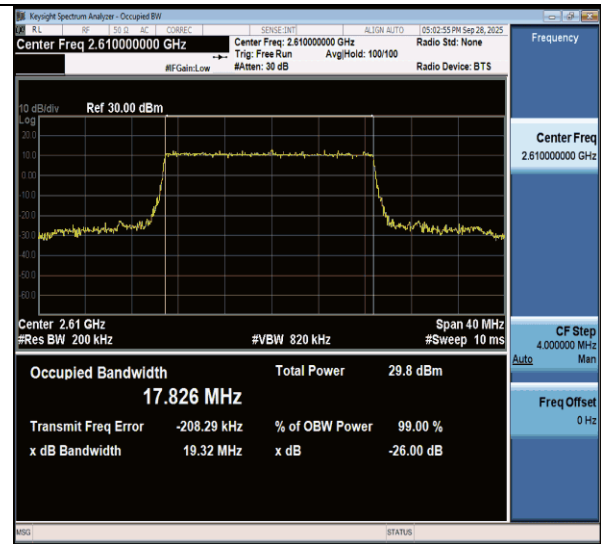
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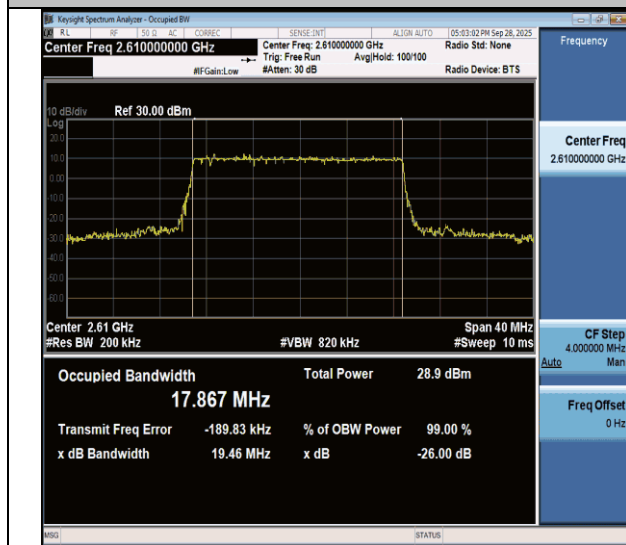
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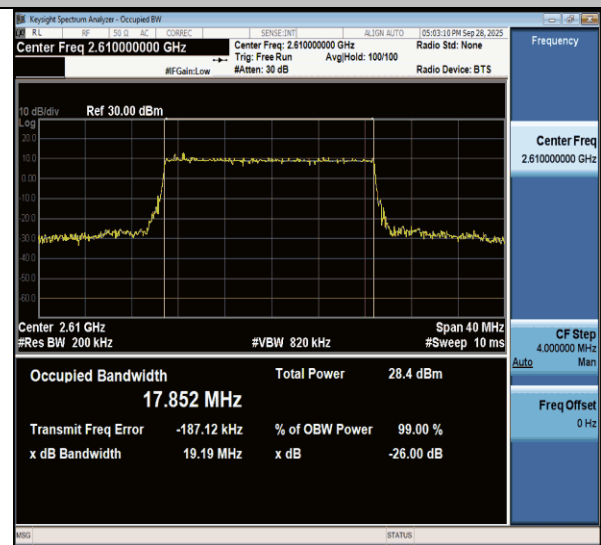
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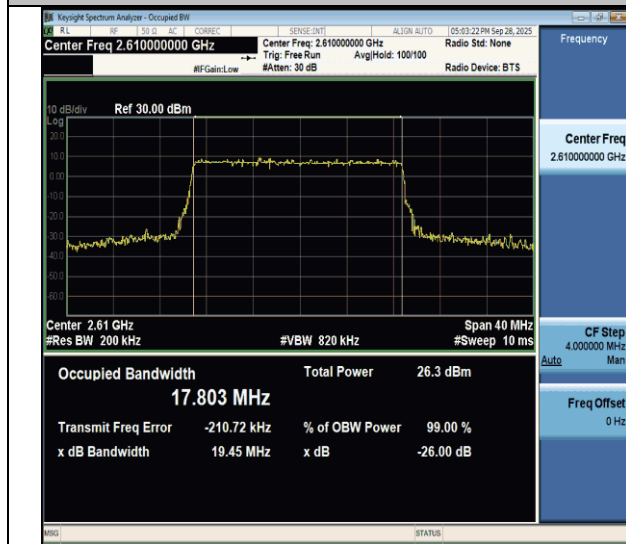
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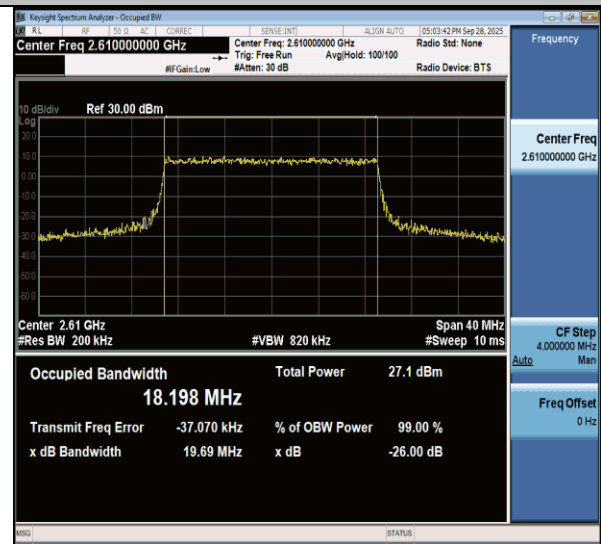
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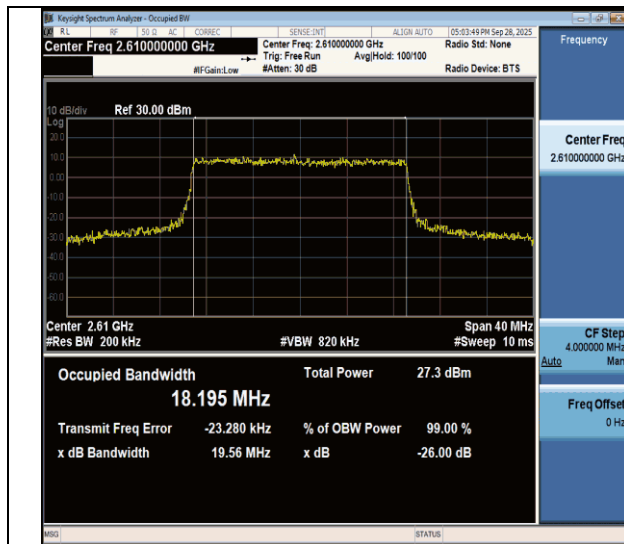
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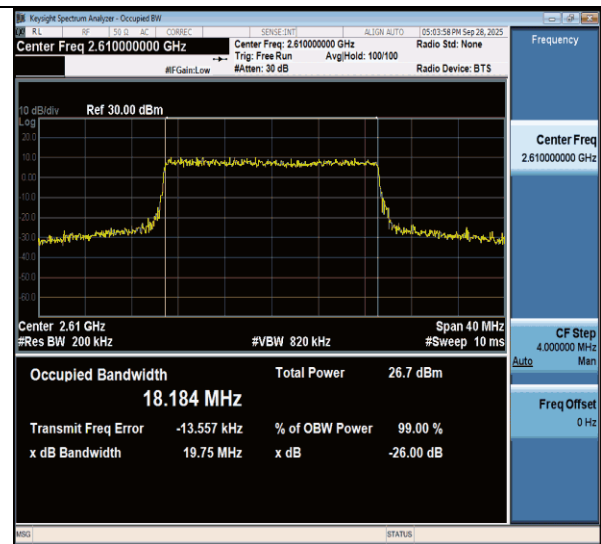
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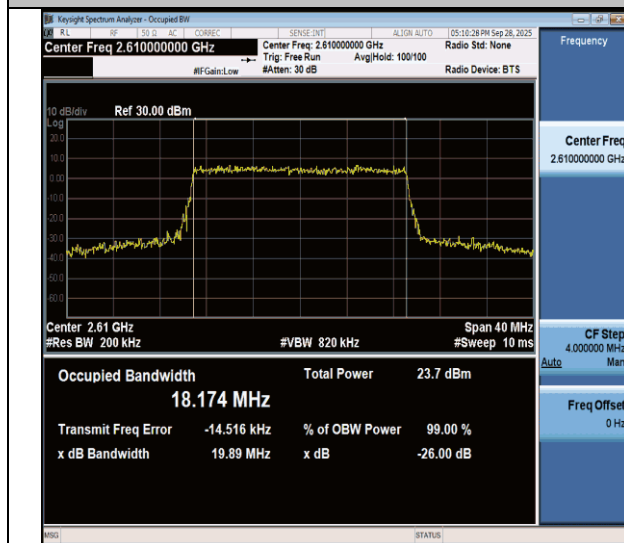
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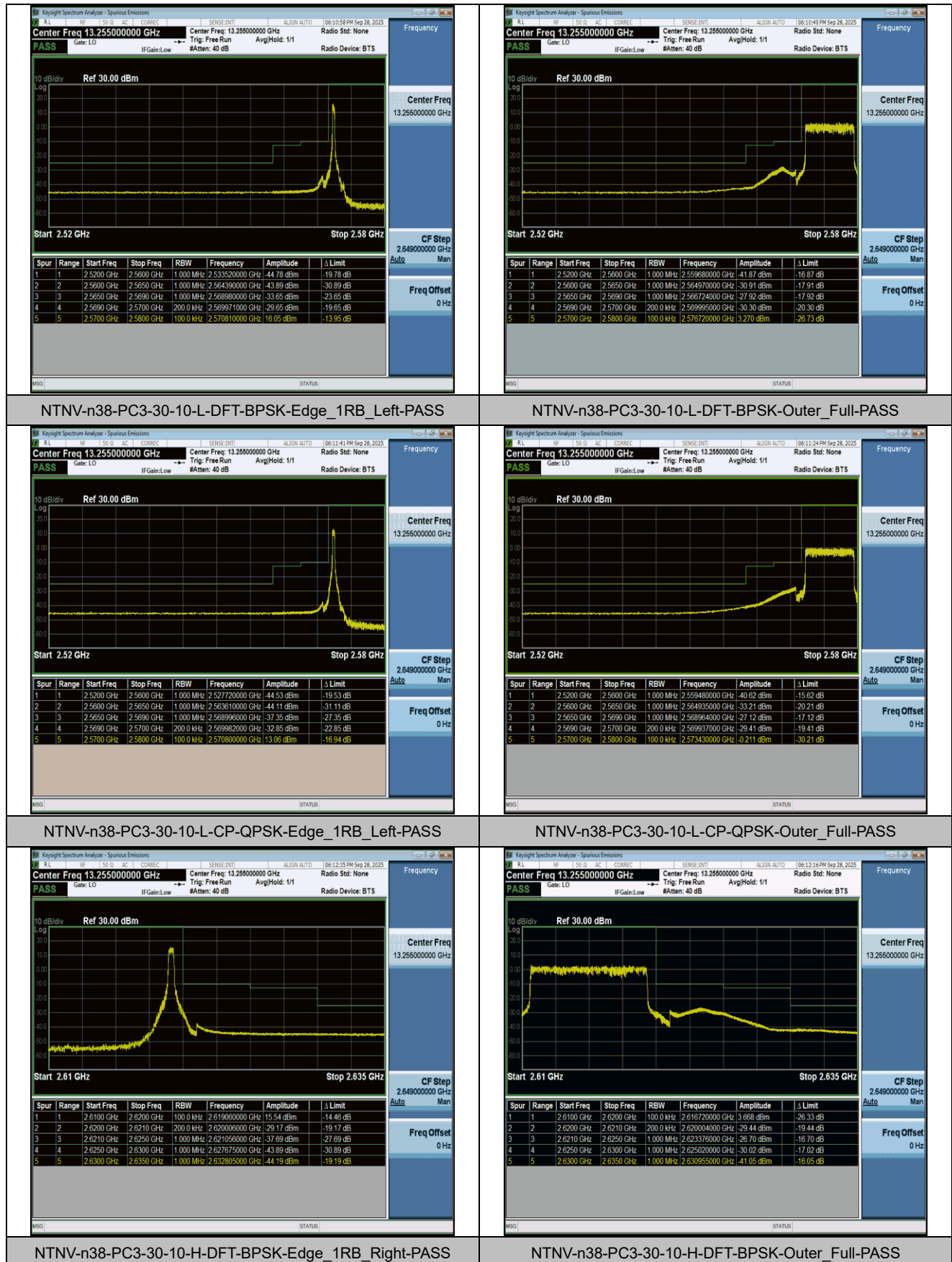
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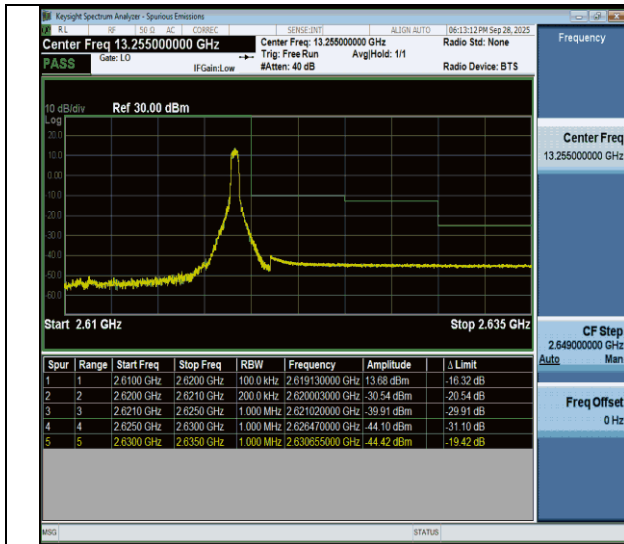


NTNV-n38-PC3-30-20-H-CP-256QAM-Outer_Full-Ant1-PASS

Band Edge for SA

Test Graphs

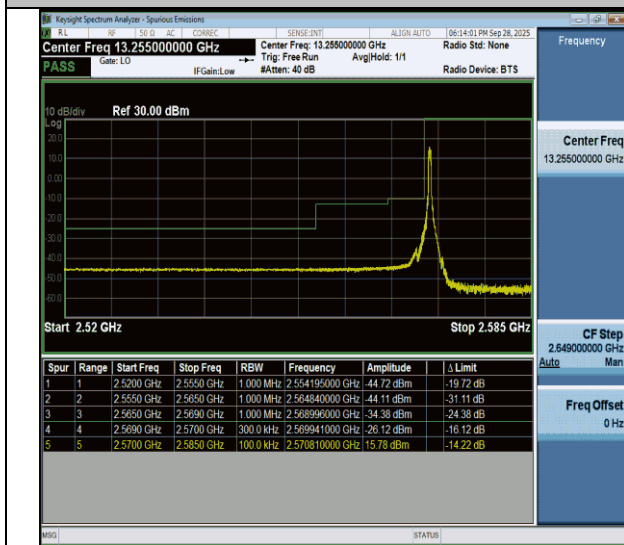




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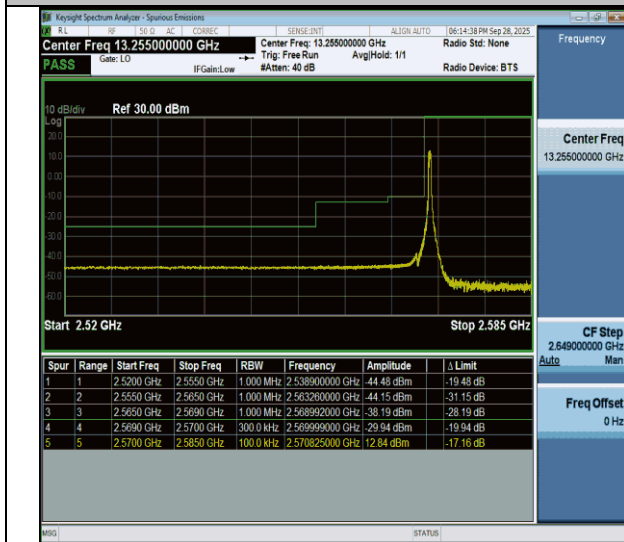
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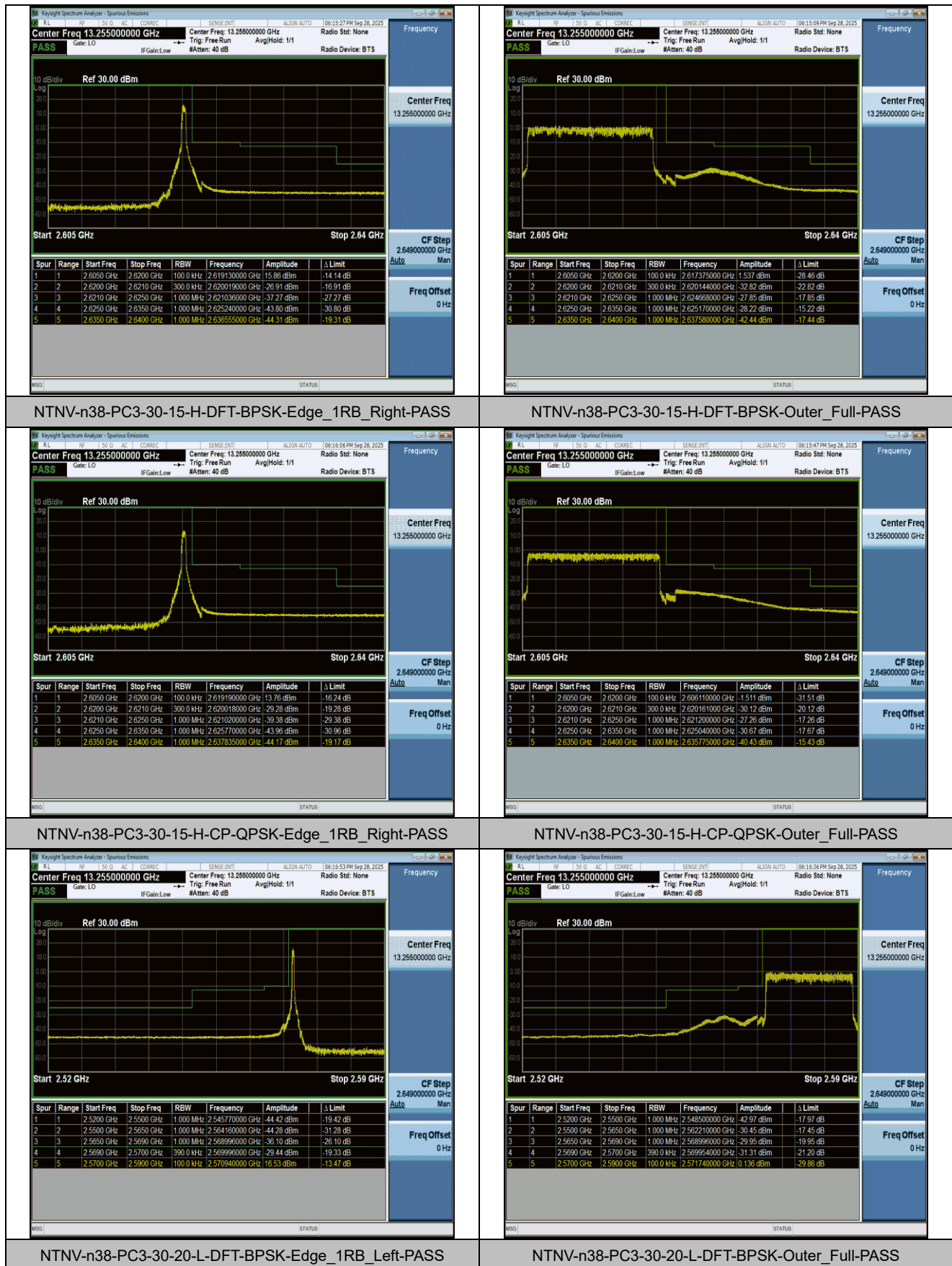
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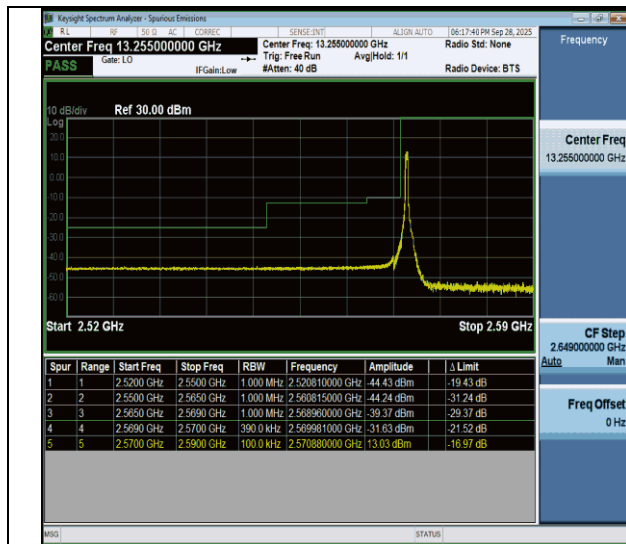


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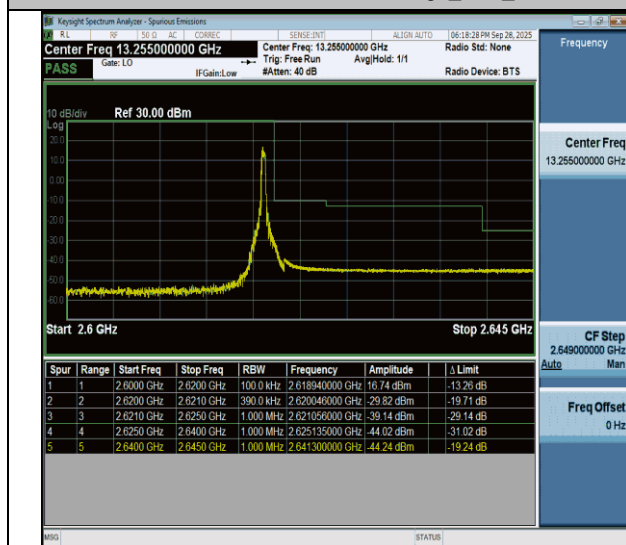




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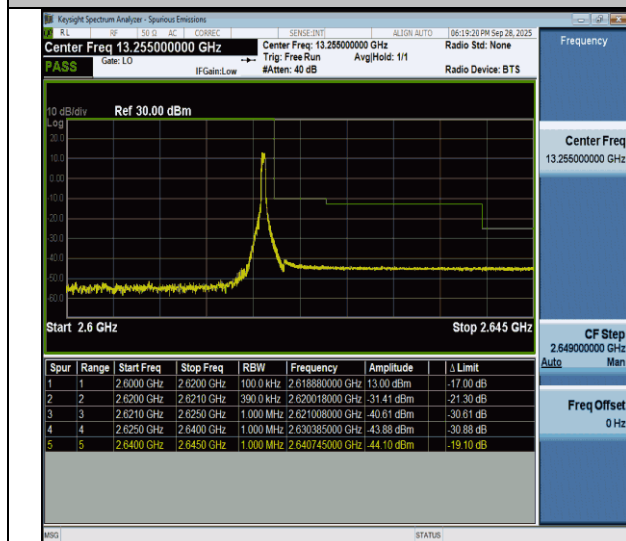
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NTVN-n38-PC3-30-20-H-DFT-BPSK-Edge_1RB_Right-PASS



NTVN-n38-PC3-30-20-H-DFT-BPSK-Outer_Full-PASS



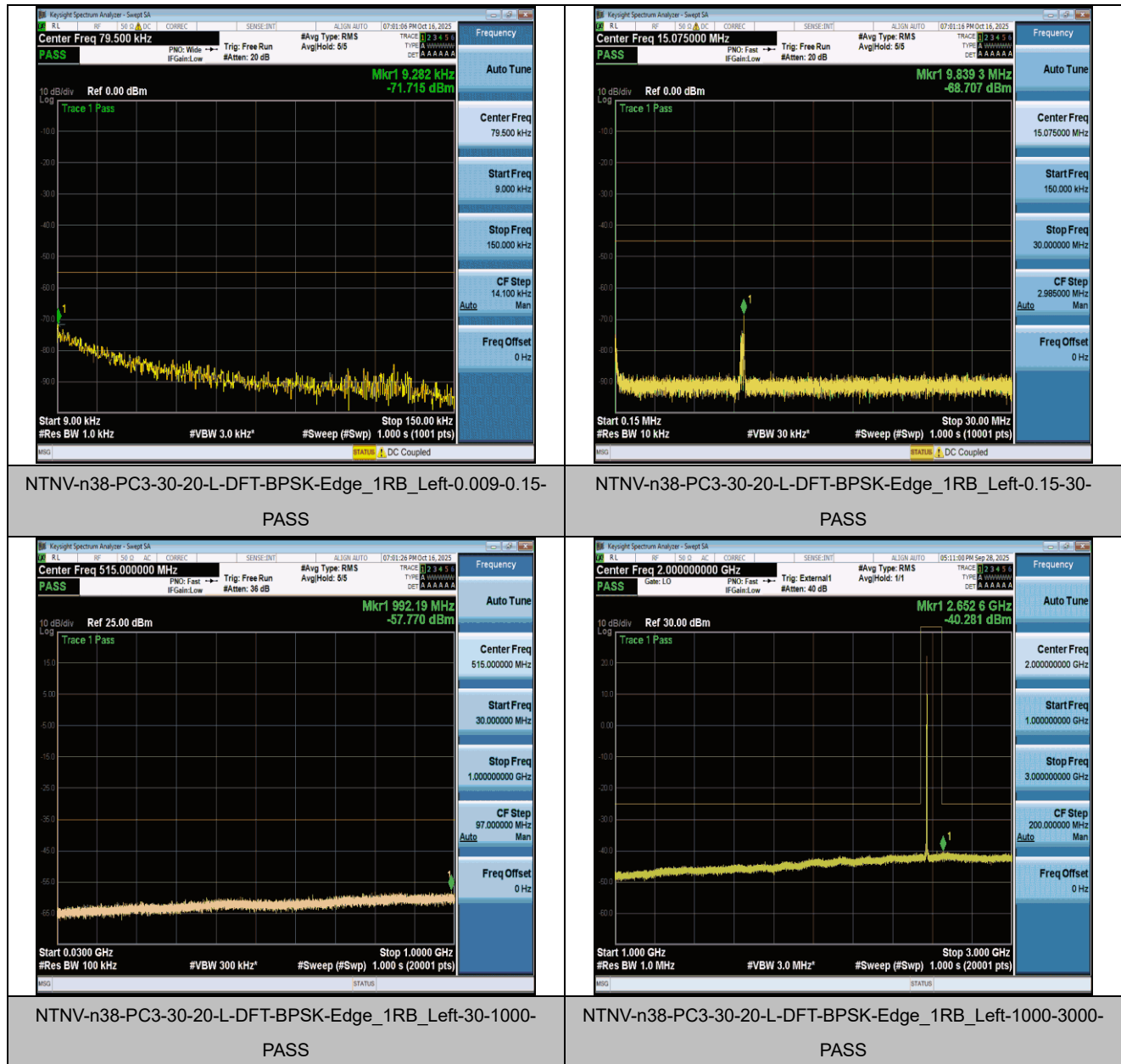
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Conducted Spurious Emission for SA

Test Graphs

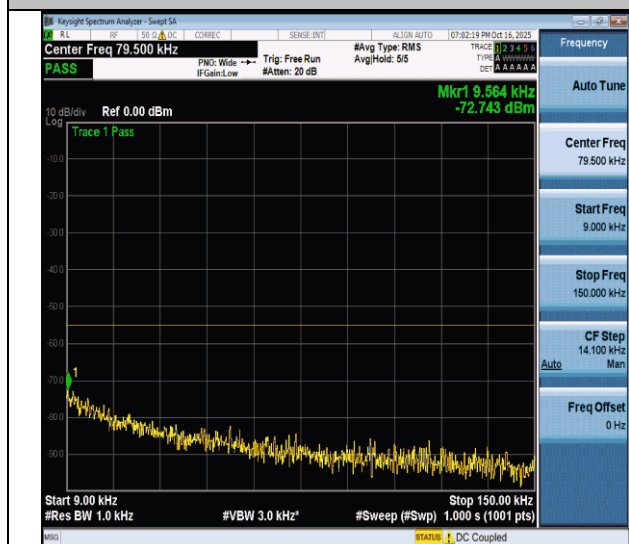




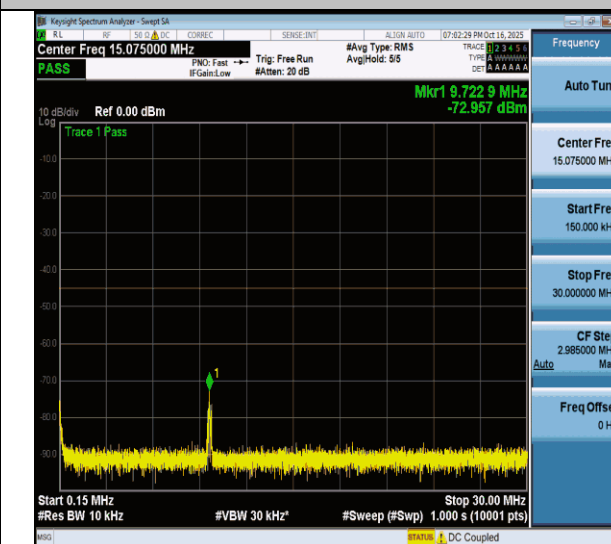
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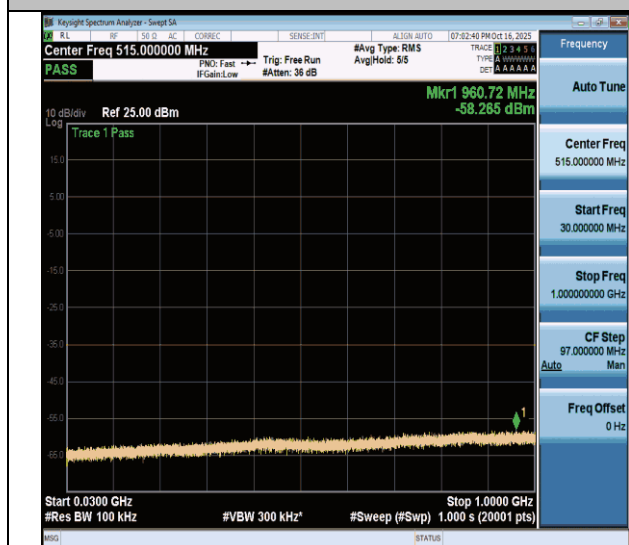
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26500-PASS



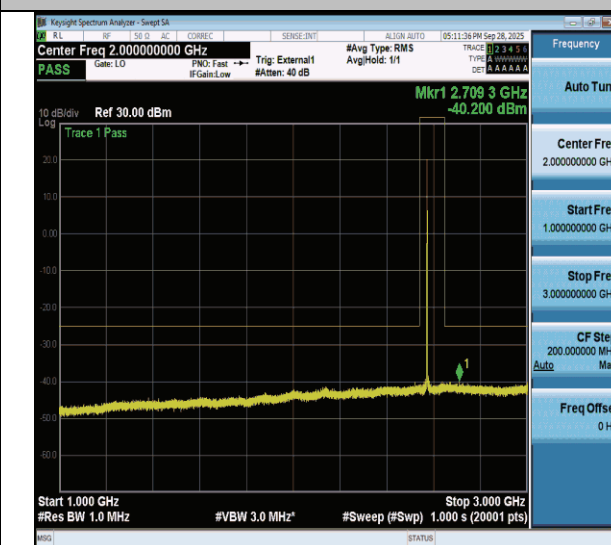
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PASS



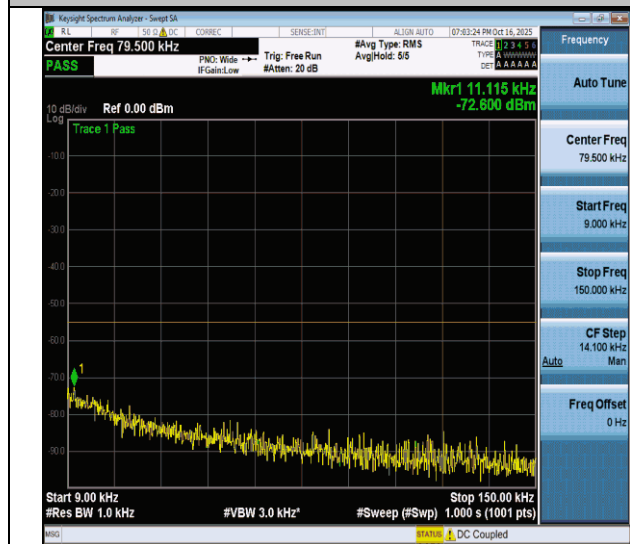
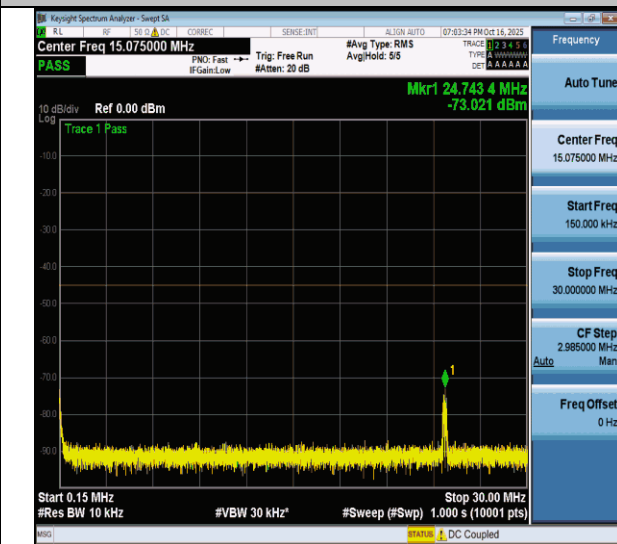
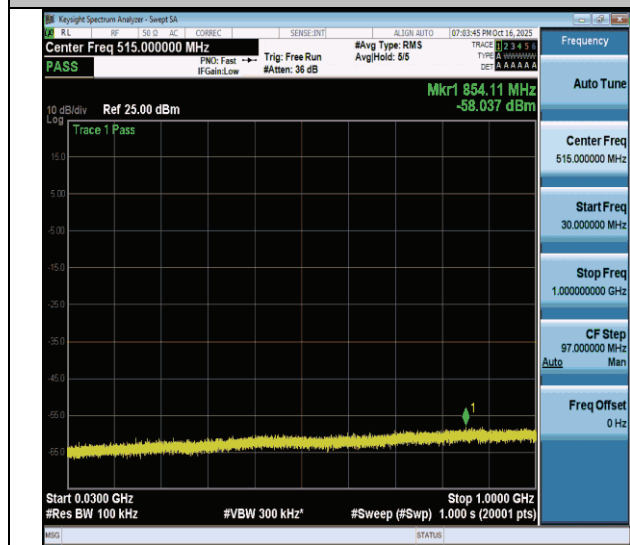
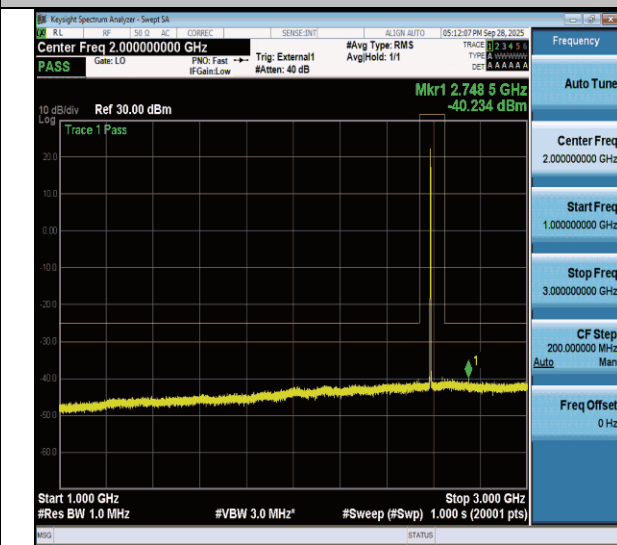
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PASS

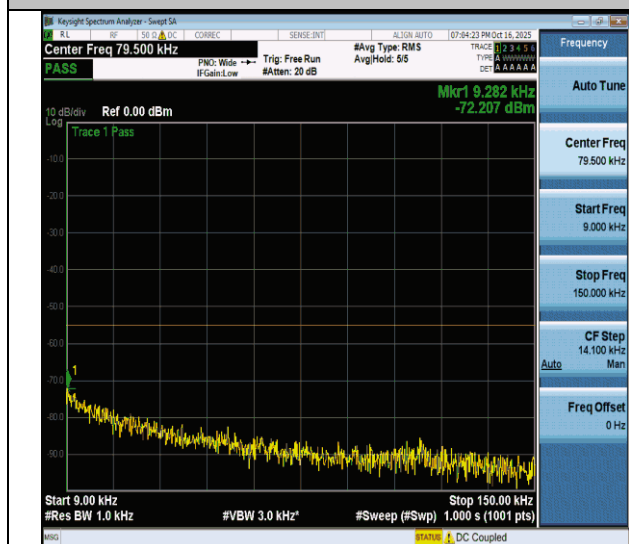
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26500-PASSNTNV-n38-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-0.009-0.15-
PASSNTNV-n38-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASSNTNV-n38-PC3-30-20-M-DFT-BPSK-Edge_1RB_Left-30-1000-
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PASS



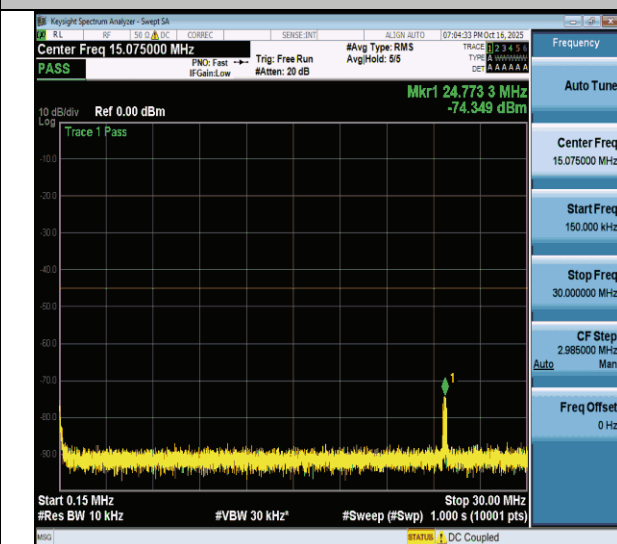
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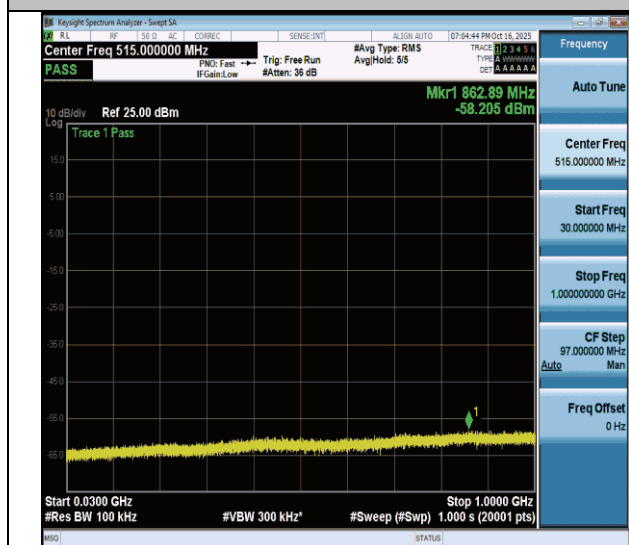
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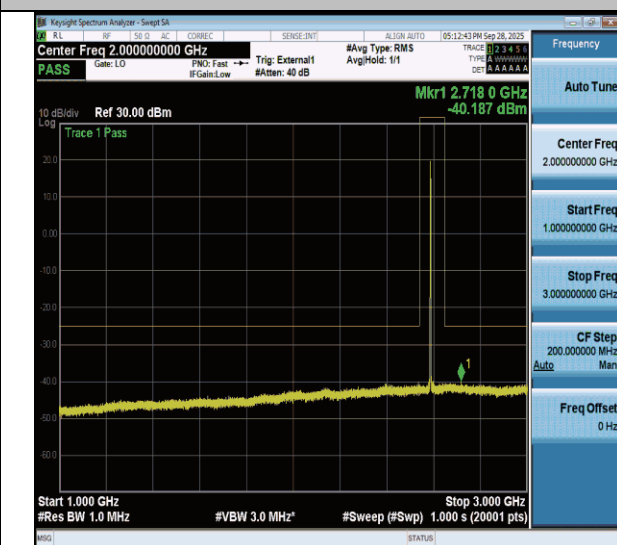
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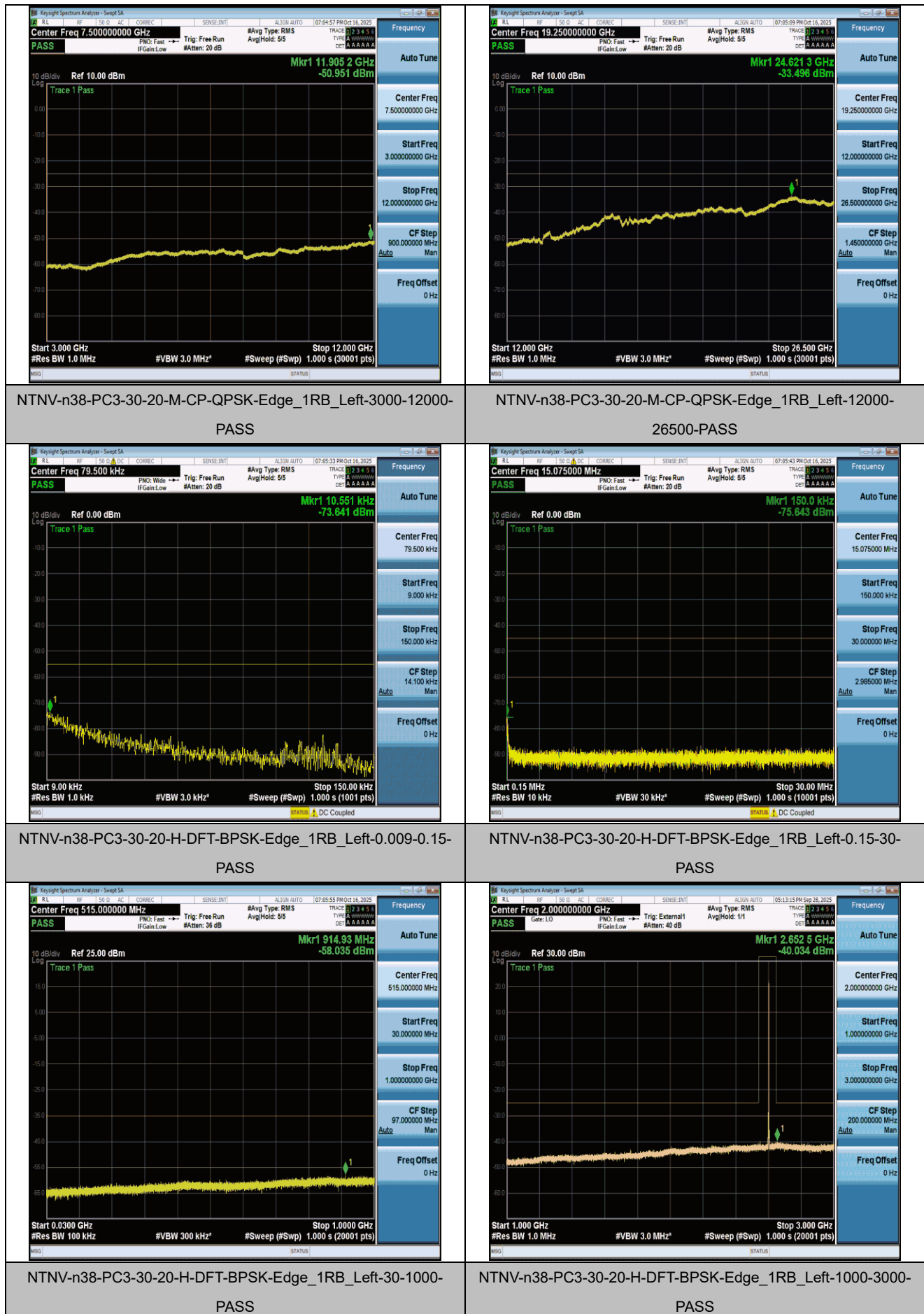
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NTNV-n38-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-30-1000-PASS



NTNV-n38-PC3-30-20-M-CP-QPSK-Edge_1RB_Left-1000-3000-PASS

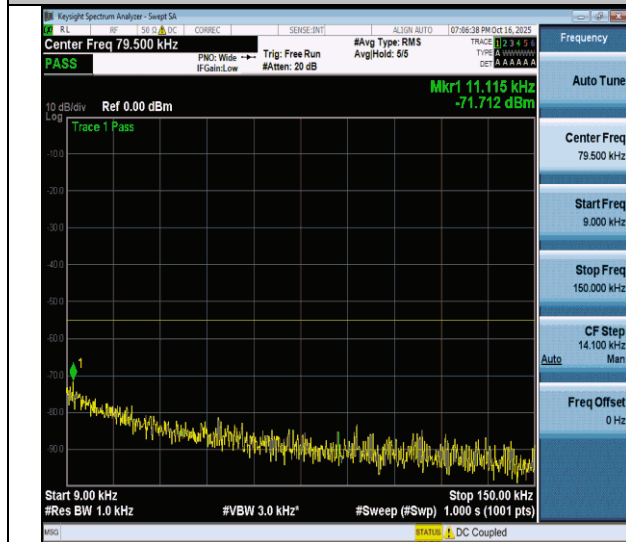




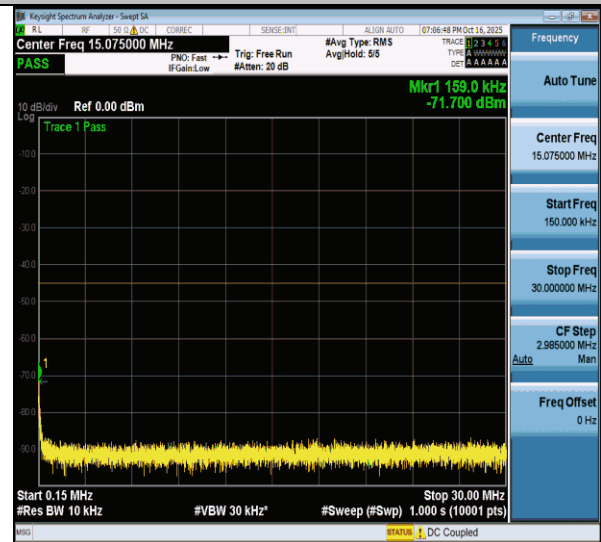
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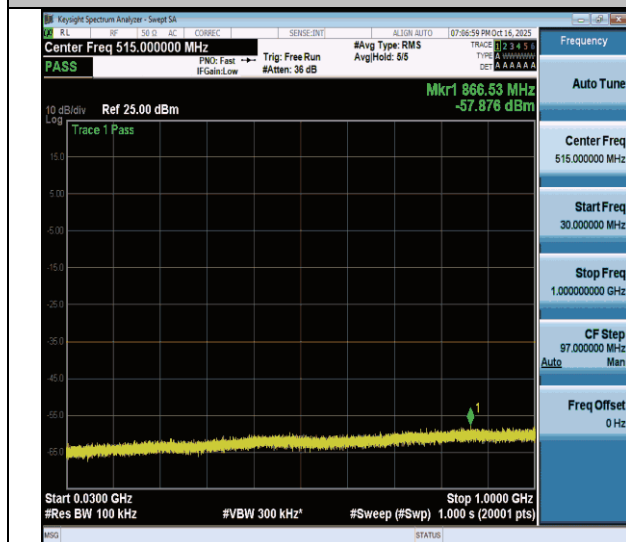
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NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-0.009-0.15-PASS



NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-0.15-30-PASS



NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-30-1000-PASS



NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-1000-3000-PASS



NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-3000-12000-
PASS



NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-12000-
26500-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
n38	30	20	DFT-BPSK	M	Outer_Full	VL	NT	-0.1	-3.9E-05	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	VN	NT	-4.5	-0.001734	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	VH	NT	-4.5	-0.001734	PASS
n38	30	20	CP-QPSK	M	Outer_Full	VL	NT	-2.4	-0.000925	PASS
n38	30	20	CP-QPSK	M	Outer_Full	VN	NT	6.5	0.002505	PASS
n38	30	20	CP-QPSK	M	Outer_Full	VH	NT	1.7	0.000655	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n38	30	20	DFT-BPSK	M	Outer_Full	NV	-30	-3	-0.001156	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	-20	-1.7	-0.000655	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	-10	-9.6	-0.003699	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	0	0.5	0.000193	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	10	-6.9	-0.002659	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	20	1.6	0.000617	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	30	-7.8	-0.003006	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	40	1.3	0.000501	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	50	3	0.001156	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	-30	2.3	0.000886	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	-20	3.5	0.001349	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	-10	-6.1	-0.002351	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	0	6.4	0.002466	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	10	2.4	0.000925	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	20	-6.5	-0.002505	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	30	-1.6	-0.000617	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	40	3.3	0.001272	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	50	3	0.001156	PASS

~The End~