

Appendix-B NR Band n38

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N38	30	10	DFT-PI2BPSK	L	Outer_Full	25.04	26.44	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_Full	25.52	26.92	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	25.57	26.97	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	25.41	26.81	33.00	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	24.52	25.92	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_Full	25.05	26.45	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	25.54	26.94	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Right	25.56	26.96	33.00	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	23.47	24.87	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_Full	24.06	25.46	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	24.35	25.75	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	24.46	25.86	33.00	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	22.32	23.72	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_Full	22.51	23.91	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	22.76	24.16	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	22.55	23.95	33.00	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	20.62	22.02	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_Full	20.73	22.13	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	20.68	22.08	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	20.73	22.13	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	24.98	26.38	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_Full	25.59	26.99	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	25.61	27.01	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	25.62	27.02	33.00	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	24.6	26	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_Full	25.14	26.54	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	25.64	27.04	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Right	25.64	27.04	33.00	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	23.54	24.94	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_Full	24.12	25.52	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	24.32	25.72	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	23.15	24.55	33.00	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	22.57	23.97	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_Full	22.6	24	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	22.83	24.23	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	22.63	24.03	33.00	PASS

N38	30	10	DFT-256QAM	M	Outer_Full	20.61	22.01	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_Full	20.81	22.21	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	20.67	22.07	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Right	20.62	22.02	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	25.14	26.54	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_Full	25.59	26.99	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	25.69	27.09	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	25.73	27.13	33.00	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	24.6	26	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_Full	25.21	26.61	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Left	25.64	27.04	33.00	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Right	25.45	26.85	33.00	PASS
N38	30	10	DFT-16QAM	H	Outer_Full	23.41	24.81	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_Full	24.19	25.59	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	24.46	25.86	33.00	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Right	24.58	25.98	33.00	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	22.39	23.79	33.00	PASS
N38	30	10	DFT-64QAM	H	Inner_Full	22.64	24.04	33.00	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Left	22.47	23.87	33.00	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Right	22.8	24.2	33.00	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	20.63	22.03	33.00	PASS
N38	30	10	DFT-256QAM	H	Inner_Full	20.61	22.01	33.00	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Left	20.65	22.05	33.00	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Right	20.58	21.98	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	25.12	26.52	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_Full	25.68	27.08	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	25.66	27.06	33.00	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	25.69	27.09	33.00	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	24.64	26.04	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_Full	25.14	26.54	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Left	25.51	26.91	33.00	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Right	25.62	27.02	33.00	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	23.43	24.83	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_Full	24.21	25.61	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	24.25	25.65	33.00	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Right	24.44	25.84	33.00	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	22.36	23.76	33.00	PASS
N38	30	15	DFT-64QAM	L	Inner_Full	22.81	24.21	33.00	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Left	22.6	24	33.00	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Right	22.78	24.18	33.00	PASS
N38	30	15	DFT-256QAM	L	Outer_Full	20.64	22.04	33.00	PASS
N38	30	15	DFT-256QAM	L	Inner_Full	20.59	21.99	33.00	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Left	20.58	21.98	33.00	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Right	20.64	22.04	33.00	PASS

N38	30	15	DFT-PI2BPSK	M	Outer_Full	25.13	26.53	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_Full	25.61	27.01	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	25.57	26.97	33.00	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	25.56	26.96	33.00	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	24.52	25.92	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_Full	25.27	26.67	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Left	25.45	26.85	33.00	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Right	25.47	26.87	33.00	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	23.28	24.68	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_Full	24.19	25.59	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	24.24	25.64	33.00	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Right	24.26	25.66	33.00	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	22.38	23.78	33.00	PASS
N38	30	15	DFT-64QAM	M	Inner_Full	22.78	24.18	33.00	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Left	22.78	24.18	33.00	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Right	22.78	24.18	33.00	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	20.63	22.03	33.00	PASS
N38	30	15	DFT-256QAM	M	Inner_Full	20.67	22.07	33.00	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Left	20.82	22.22	33.00	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Right	20.94	22.34	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	25.07	26.47	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_Full	25.57	26.97	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	25.52	26.92	33.00	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	25.49	26.89	33.00	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	24.71	26.11	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_Full	25.2	26.6	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	25.47	26.87	33.00	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Right	25.5	26.9	33.00	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	23.39	24.79	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_Full	24.15	25.55	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	24.3	25.7	33.00	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Right	24.3	25.7	33.00	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	22.51	23.91	33.00	PASS
N38	30	15	DFT-64QAM	H	Inner_Full	22.62	24.02	33.00	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Left	22.6	24	33.00	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Right	22.6	24	33.00	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	20.67	22.07	33.00	PASS
N38	30	15	DFT-256QAM	H	Inner_Full	20.78	22.18	33.00	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Left	20.83	22.23	33.00	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Right	20.83	22.23	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	25.01	26.41	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_Full	25.45	26.85	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	25.56	26.96	33.00	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	25.63	27.03	33.00	PASS

N38	30	20	DFT-QPSK	L	Outer_Full	24.71	26.11	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_Full	25.26	26.66	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	25.55	26.95	33.00	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Right	25.66	27.06	33.00	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	23.4	24.8	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_Full	24.25	25.65	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	24.25	25.65	33.00	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	24.41	25.81	33.00	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	22.4	23.8	33.00	PASS
N38	30	20	DFT-64QAM	L	Inner_Full	22.82	24.22	33.00	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	22.58	23.98	33.00	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Right	22.78	24.18	33.00	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	20.65	22.05	33.00	PASS
N38	30	20	DFT-256QAM	L	Inner_Full	20.69	22.09	33.00	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Left	20.81	22.21	33.00	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	20.59	21.99	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	25.08	26.48	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_Full	25.65	27.05	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	25.48	26.88	33.00	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	25.48	26.88	33.00	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	24.6	26	33.00	PASS
N38	30	20	DFT-QPSK	M	Inner_Full	25.24	26.64	33.00	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Left	25.41	26.81	33.00	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Right	25.5	26.9	33.00	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	23.37	24.77	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_Full	24.23	25.63	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	24.14	25.54	33.00	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Right	24.2	25.6	33.00	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	20.67	22.07	33.00	PASS
N38	30	20	DFT-64QAM	M	Inner_Full	22.79	24.19	33.00	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Left	22.73	24.13	33.00	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Right	22.74	24.14	33.00	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	20.6	22	33.00	PASS
N38	30	20	DFT-256QAM	M	Inner_Full	20.58	21.98	33.00	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Left	20.72	22.12	33.00	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Right	20.71	22.11	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	25.09	26.49	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_Full	25.63	27.03	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	25.57	26.97	33.00	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	25.55	26.95	33.00	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	24.58	25.98	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_Full	25.15	26.55	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Left	25.42	26.82	33.00	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Right	25.39	26.79	33.00	PASS

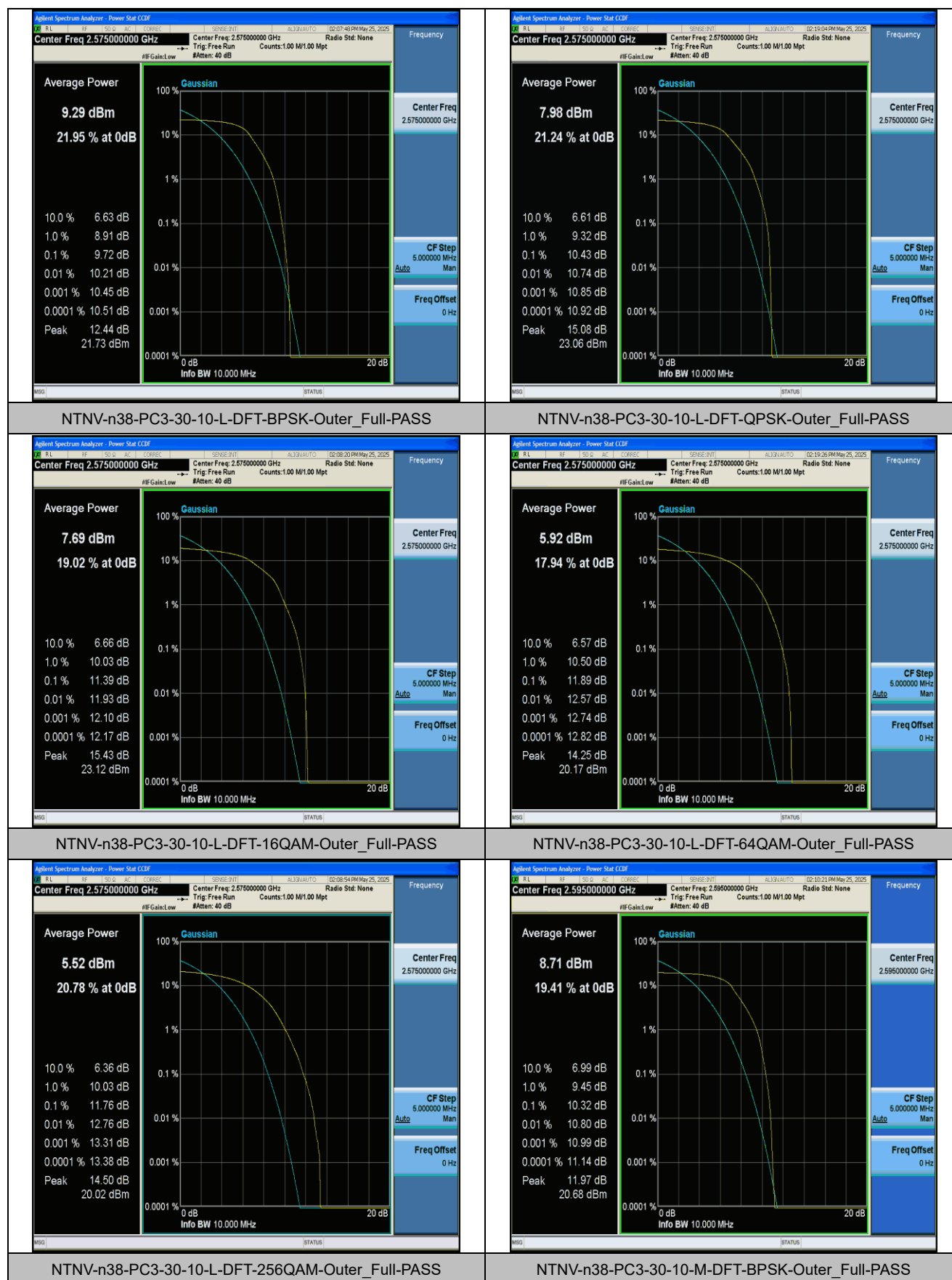
N38	30	20	DFT-16QAM	H	Outer_Full	23.29	24.69	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_Full	24.13	25.53	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	24.25	25.65	33.00	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Right	24.23	25.63	33.00	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	22.29	23.69	33.00	PASS
N38	30	20	DFT-64QAM	H	Inner_Full	22.71	24.11	33.00	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Left	22.53	23.93	33.00	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Right	22.48	23.88	33.00	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	20.52	21.92	33.00	PASS
N38	30	20	DFT-256QAM	H	Inner_Full	20.5	21.9	33.00	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Left	20.67	22.07	33.00	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Right	20.64	22.04	33.00	PASS

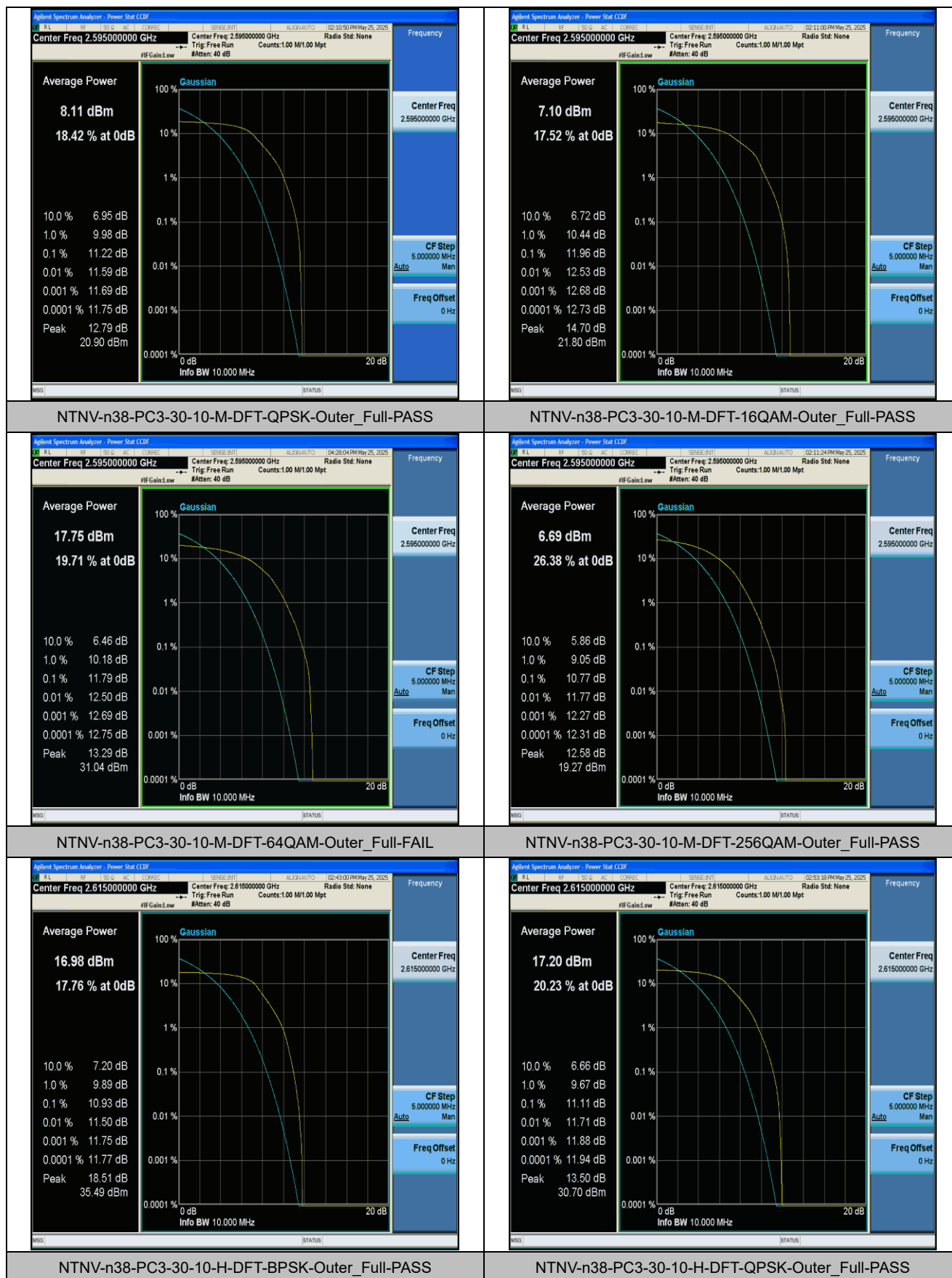
Peak-to-Average Ratio for SA**Peak-to-Average Ratio(CCDF)****Test Result**

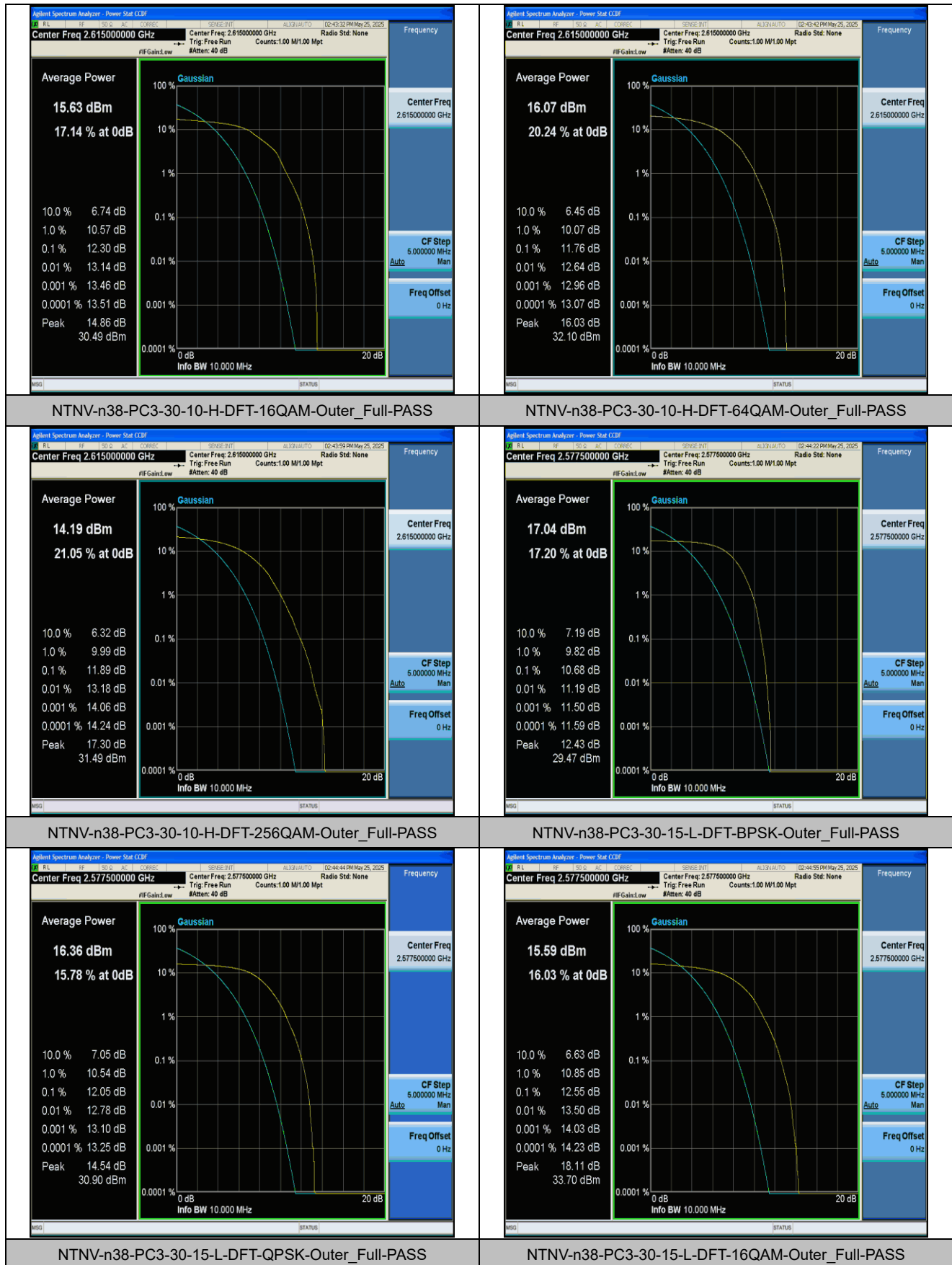
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
n38	30	10	DFT-BPSK	L	Outer_Full	9.72	≤13dB	PASS
n38	30	10	DFT-QPSK	L	Outer_Full	10.43	≤13dB	PASS
n38	30	10	DFT-16QAM	L	Outer_Full	11.39	≤13dB	PASS
n38	30	10	DFT-64QAM	L	Outer_Full	11.89	≤13dB	PASS
n38	30	10	DFT-256QAM	L	Outer_Full	11.76	≤13dB	PASS
n38	30	10	DFT-BPSK	M	Outer_Full	10.32	≤13dB	PASS
n38	30	10	DFT-QPSK	M	Outer_Full	11.22	≤13dB	PASS
n38	30	10	DFT-16QAM	M	Outer_Full	11.96	≤13dB	PASS
n38	30	10	DFT-64QAM	M	Outer_Full	11.79	≤13dB	PASS
n38	30	10	DFT-256QAM	M	Outer_Full	10.77	≤13dB	PASS
n38	30	10	DFT-BPSK	H	Outer_Full	10.93	≤13dB	PASS
n38	30	10	DFT-QPSK	H	Outer_Full	11.11	≤13dB	PASS
n38	30	10	DFT-16QAM	H	Outer_Full	12.3	≤13dB	PASS
n38	30	10	DFT-64QAM	H	Outer_Full	11.76	≤13dB	PASS
n38	30	10	DFT-256QAM	H	Outer_Full	11.89	≤13dB	PASS
n38	30	15	DFT-BPSK	L	Outer_Full	10.68	≤13dB	PASS
n38	30	15	DFT-QPSK	L	Outer_Full	12.05	≤13dB	PASS
n38	30	15	DFT-16QAM	L	Outer_Full	12.55	≤13dB	PASS
n38	30	15	DFT-64QAM	L	Outer_Full	12.48	≤13dB	PASS
n38	30	15	DFT-256QAM	L	Outer_Full	12.13	≤13dB	PASS
n38	30	15	DFT-BPSK	M	Outer_Full	9.54	≤13dB	PASS
n38	30	15	DFT-QPSK	M	Outer_Full	8.44	≤13dB	PASS
n38	30	15	DFT-16QAM	M	Outer_Full	11.71	≤13dB	PASS
n38	30	15	DFT-64QAM	M	Outer_Full	11.8	≤13dB	PASS
n38	30	15	DFT-256QAM	M	Outer_Full	11.05	≤13dB	PASS
n38	30	15	DFT-BPSK	H	Outer_Full	11.2	≤13dB	PASS
n38	30	15	DFT-QPSK	H	Outer_Full	11.11	≤13dB	PASS
n38	30	15	DFT-16QAM	H	Outer_Full	11.8	≤13dB	PASS
n38	30	15	DFT-64QAM	H	Outer_Full	11.82	≤13dB	PASS
n38	30	15	DFT-256QAM	H	Outer_Full	12.97	≤13dB	PASS
n38	30	20	DFT-BPSK	L	Outer_Full	10.82	≤13dB	PASS
n38	30	20	DFT-QPSK	L	Outer_Full	11.12	≤13dB	PASS
n38	30	20	DFT-16QAM	L	Outer_Full	10.36	≤13dB	PASS
n38	30	20	DFT-64QAM	L	Outer_Full	10.71	≤13dB	PASS
n38	30	20	DFT-256QAM	L	Outer_Full	11.97	≤13dB	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	9.36	≤13dB	PASS
n38	30	20	DFT-QPSK	M	Outer_Full	11.09	≤13dB	PASS
n38	30	20	DFT-16QAM	M	Outer_Full	11.26	≤13dB	PASS

n38	30	20	DFT-64QAM	M	Outer_Full	12.7	≤13dB	PASS
n38	30	20	DFT-256QAM	M	Outer_Full	11.38	≤13dB	PASS
n38	30	20	DFT-BPSK	H	Outer_Full	11.5	≤13dB	PASS
n38	30	20	DFT-QPSK	H	Outer_Full	10.54	≤13dB	PASS
n38	30	20	DFT-16QAM	H	Outer_Full	11.9	≤13dB	PASS
n38	30	20	DFT-64QAM	H	Outer_Full	11.23	≤13dB	PASS
n38	30	20	DFT-256QAM	H	Outer_Full	12.57	≤13dB	PASS
n38	30	10	CP-QPSK	L	Outer_Full	10.88	≤13dB	PASS
n38	30	10	CP-16QAM	L	Outer_Full	12.04	≤13dB	PASS
n38	30	10	CP-64QAM	L	Outer_Full	11.55	≤13dB	PASS
n38	30	10	CP-256QAM	L	Outer_Full	12.66	≤13dB	PASS
n38	30	10	CP-QPSK	M	Outer_Full	11.49	≤13dB	PASS
n38	30	10	CP-16QAM	M	Outer_Full	11.76	≤13dB	PASS
n38	30	10	CP-64QAM	M	Outer_Full	11.08	≤13dB	PASS
n38	30	10	CP-256QAM	M	Outer_Full	11.92	≤13dB	PASS
n38	30	10	CP-QPSK	H	Outer_Full	11.09	≤13dB	PASS
n38	30	10	CP-16QAM	H	Outer_Full	12.82	≤13dB	PASS
n38	30	10	CP-64QAM	H	Outer_Full	12.81	≤13dB	PASS
n38	30	10	CP-256QAM	H	Outer_Full	11.46	≤13dB	PASS
n38	30	15	CP-QPSK	L	Outer_Full	11.98	≤13dB	PASS
n38	30	15	CP-16QAM	L	Outer_Full	11.74	≤13dB	PASS
n38	30	15	CP-64QAM	L	Outer_Full	11.55	≤13dB	PASS
n38	30	15	CP-256QAM	L	Outer_Full	12.86	≤13dB	PASS
n38	30	15	CP-QPSK	M	Outer_Full	10.99	≤13dB	PASS
n38	30	15	CP-16QAM	M	Outer_Full	11.85	≤13dB	PASS
n38	30	15	CP-64QAM	M	Outer_Full	12.8	≤13dB	PASS
n38	30	15	CP-256QAM	M	Outer_Full	11.98	≤13dB	PASS
n38	30	15	CP-QPSK	H	Outer_Full	11.22	≤13dB	PASS
n38	30	15	CP-16QAM	H	Outer_Full	11.31	≤13dB	PASS
n38	30	15	CP-64QAM	H	Outer_Full	12.86	≤13dB	PASS
n38	30	15	CP-256QAM	H	Outer_Full	12.02	≤13dB	PASS
n38	30	20	CP-QPSK	L	Outer_Full	10.64	≤13dB	PASS
n38	30	20	CP-16QAM	L	Outer_Full	10.97	≤13dB	PASS
n38	30	20	CP-64QAM	L	Outer_Full	11.64	≤13dB	PASS
n38	30	20	CP-256QAM	L	Outer_Full	12.23	≤13dB	PASS
n38	30	20	CP-QPSK	M	Outer_Full	11.38	≤13dB	PASS
n38	30	20	CP-16QAM	M	Outer_Full	10.75	≤13dB	PASS
n38	30	20	CP-64QAM	M	Outer_Full	11.88	≤13dB	PASS
n38	30	20	CP-256QAM	M	Outer_Full	12.64	≤13dB	PASS
n38	30	20	CP-QPSK	H	Outer_Full	11.74	≤13dB	PASS
n38	30	20	CP-16QAM	H	Outer_Full	11.17	≤13dB	PASS
n38	30	20	CP-64QAM	H	Outer_Full	11.48	≤13dB	PASS
n38	30	20	CP-256QAM	H	Outer_Full	11.28	≤13dB	PASS

Test Graphs

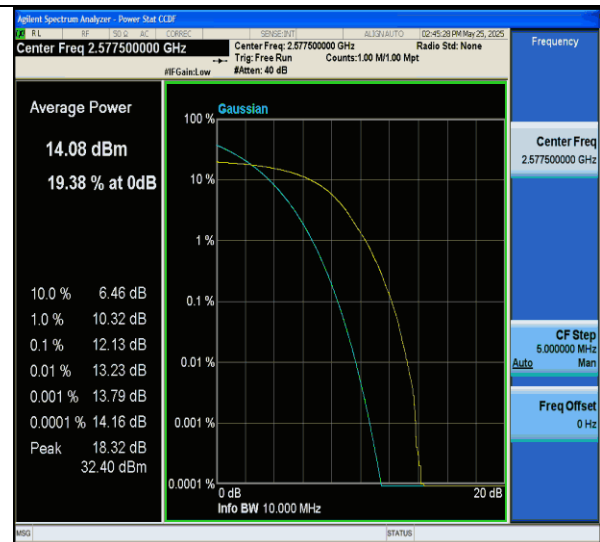




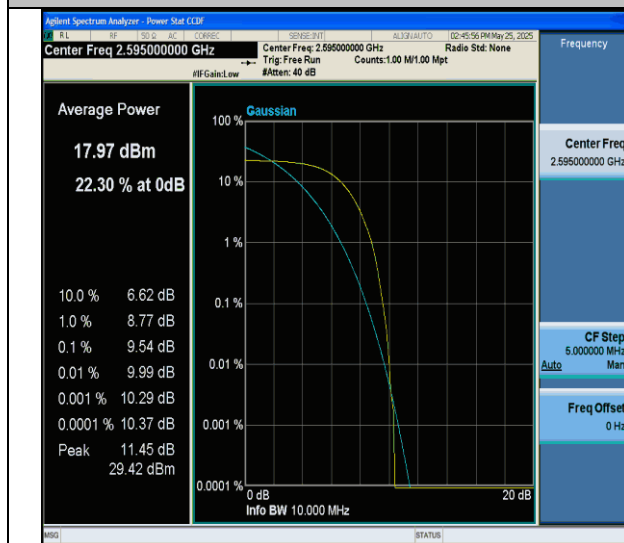




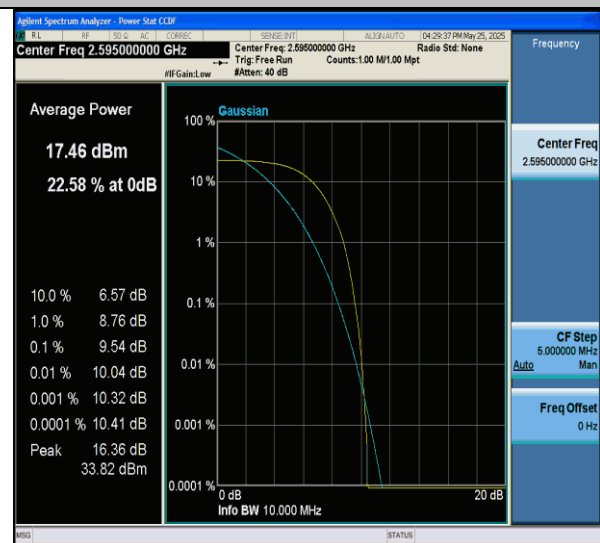
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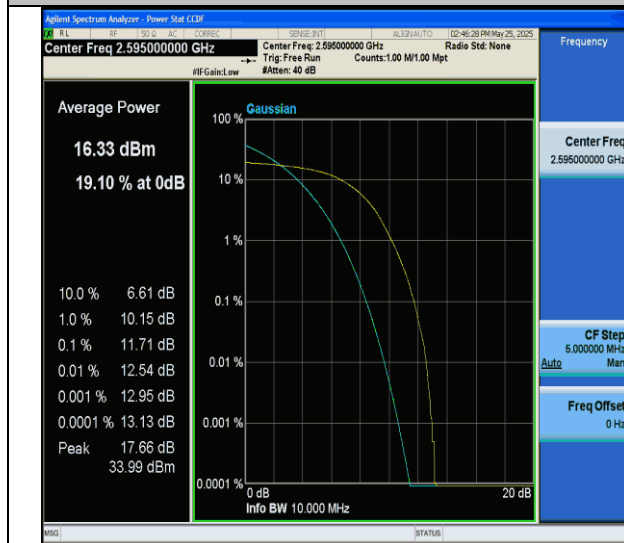
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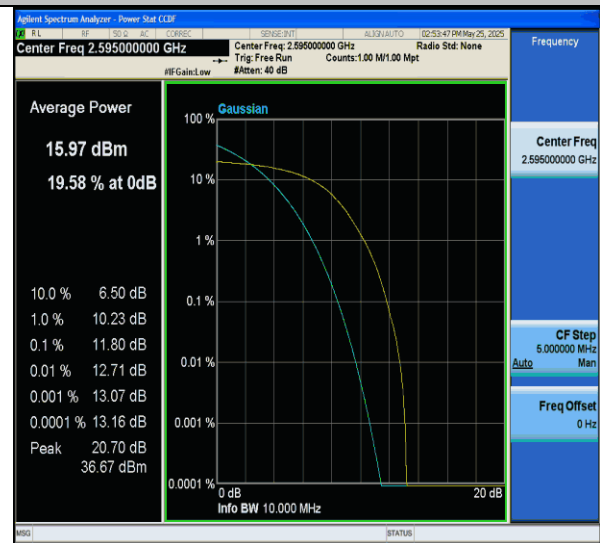
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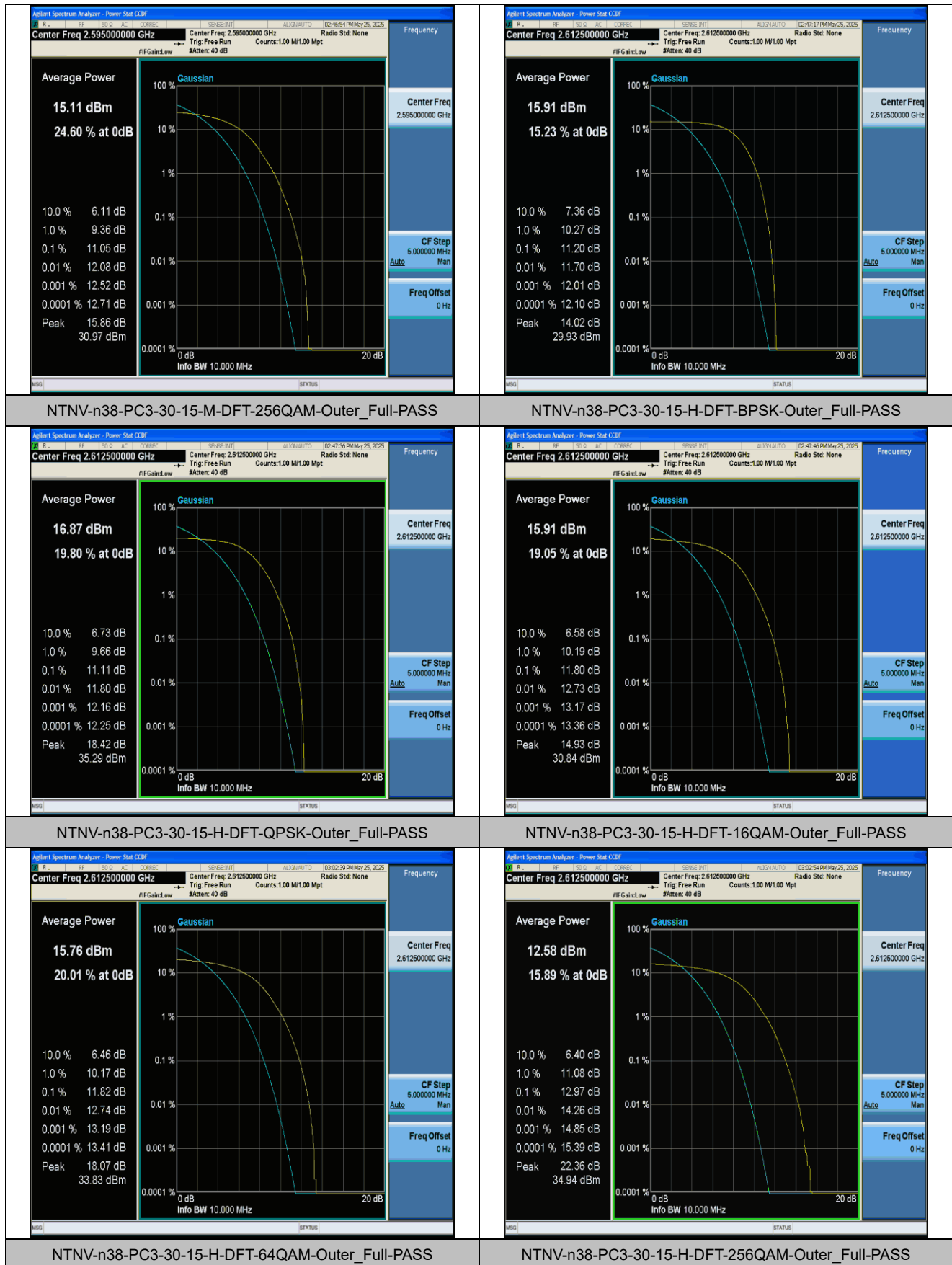
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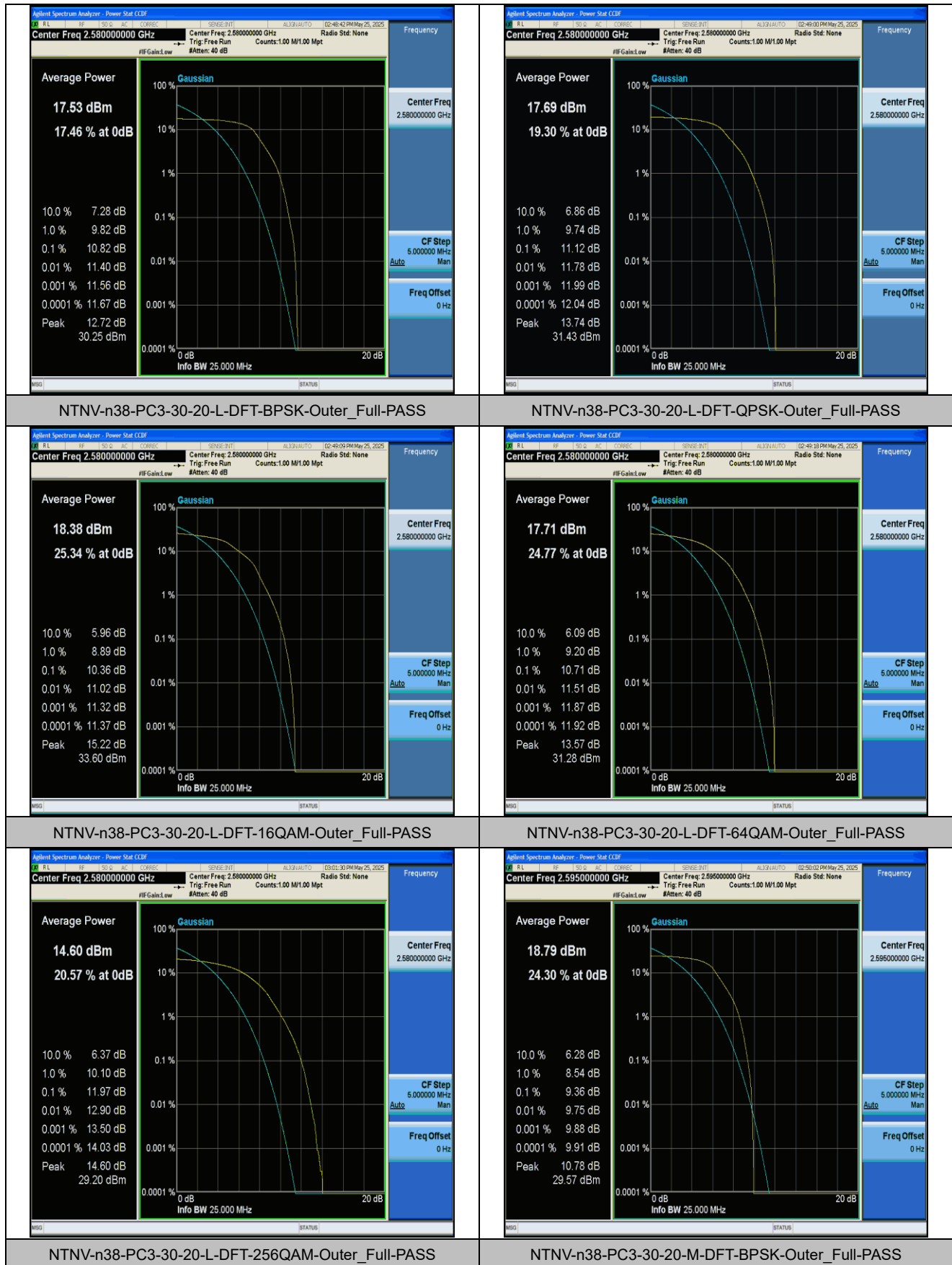


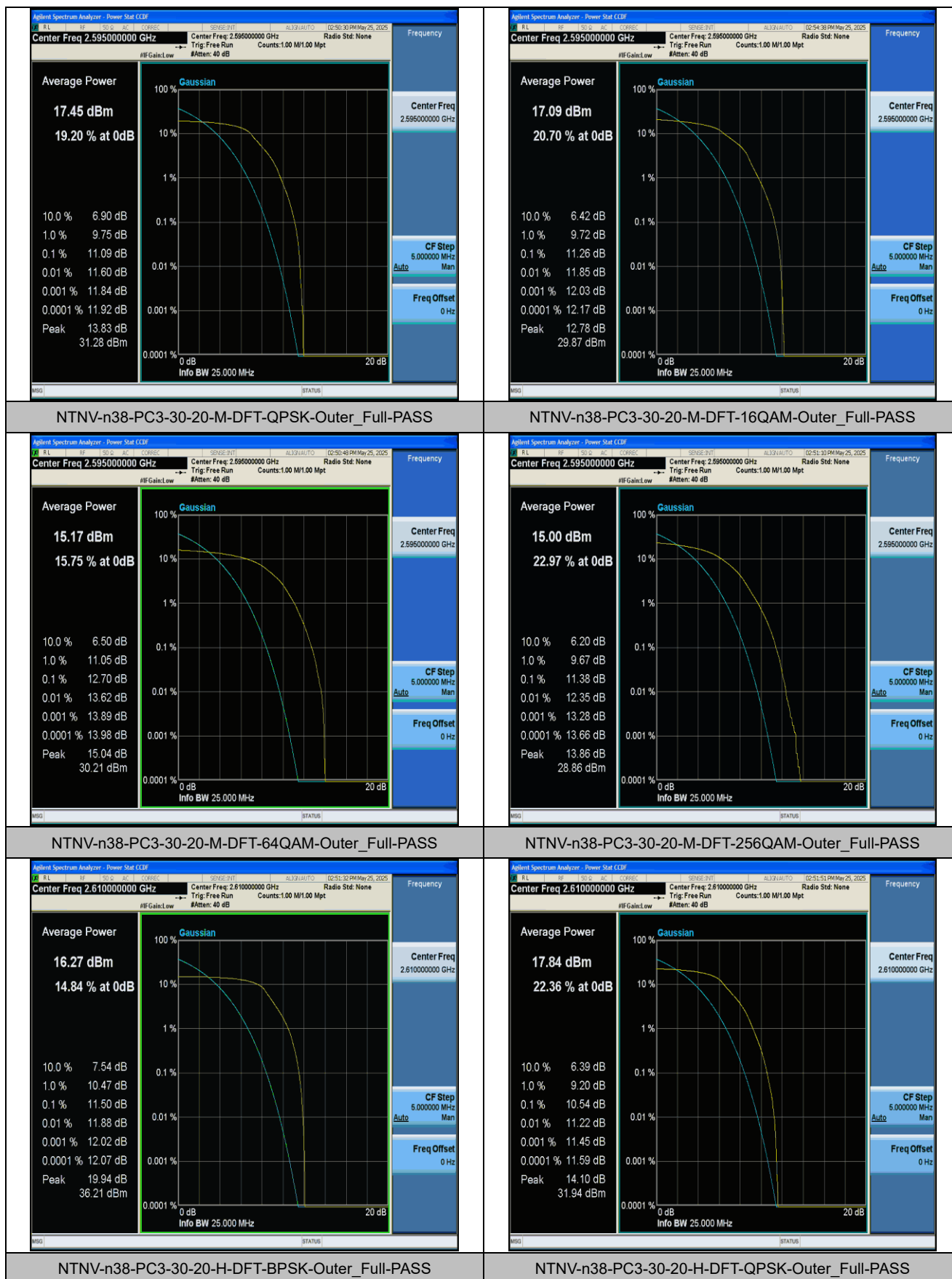
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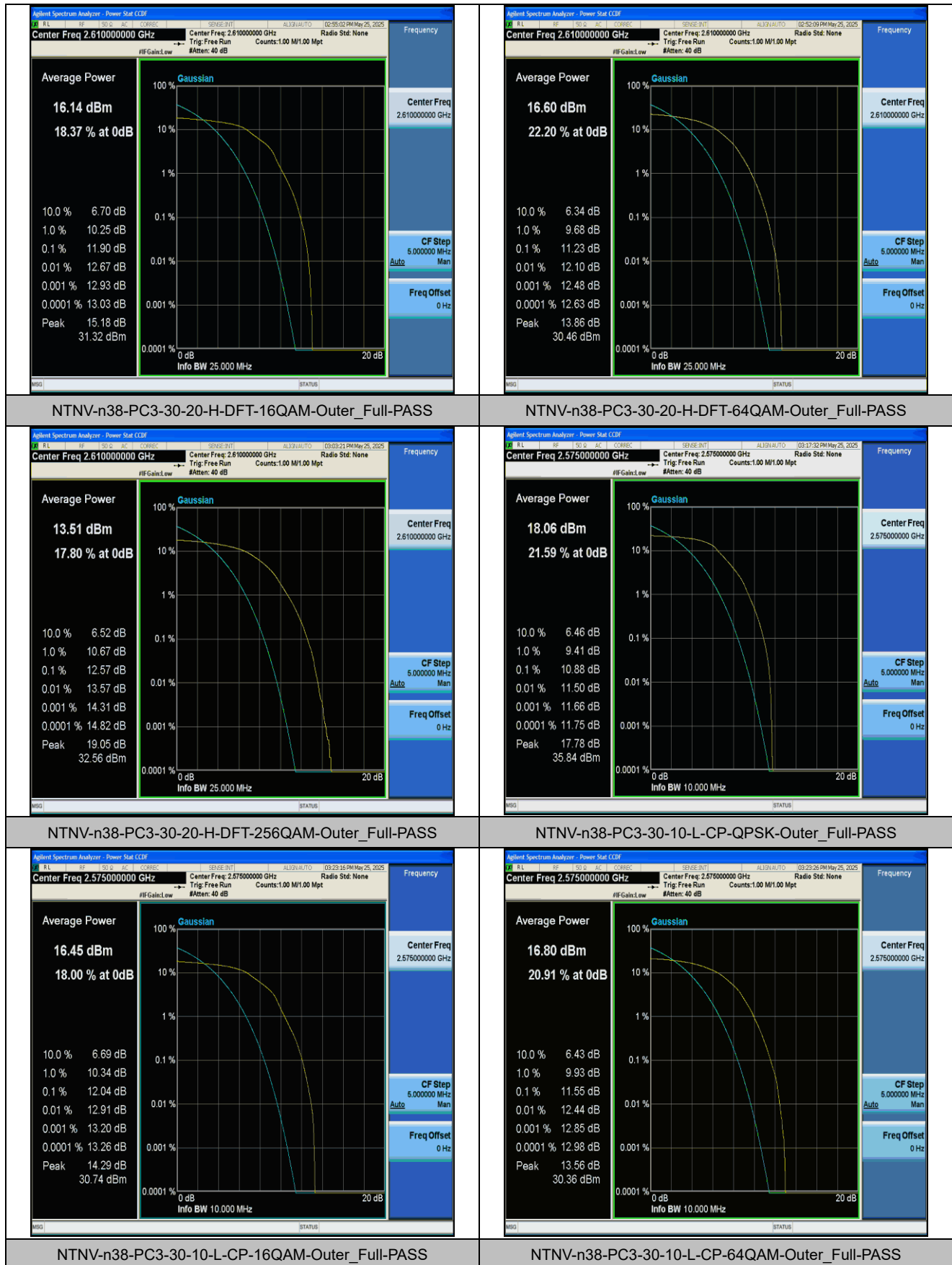


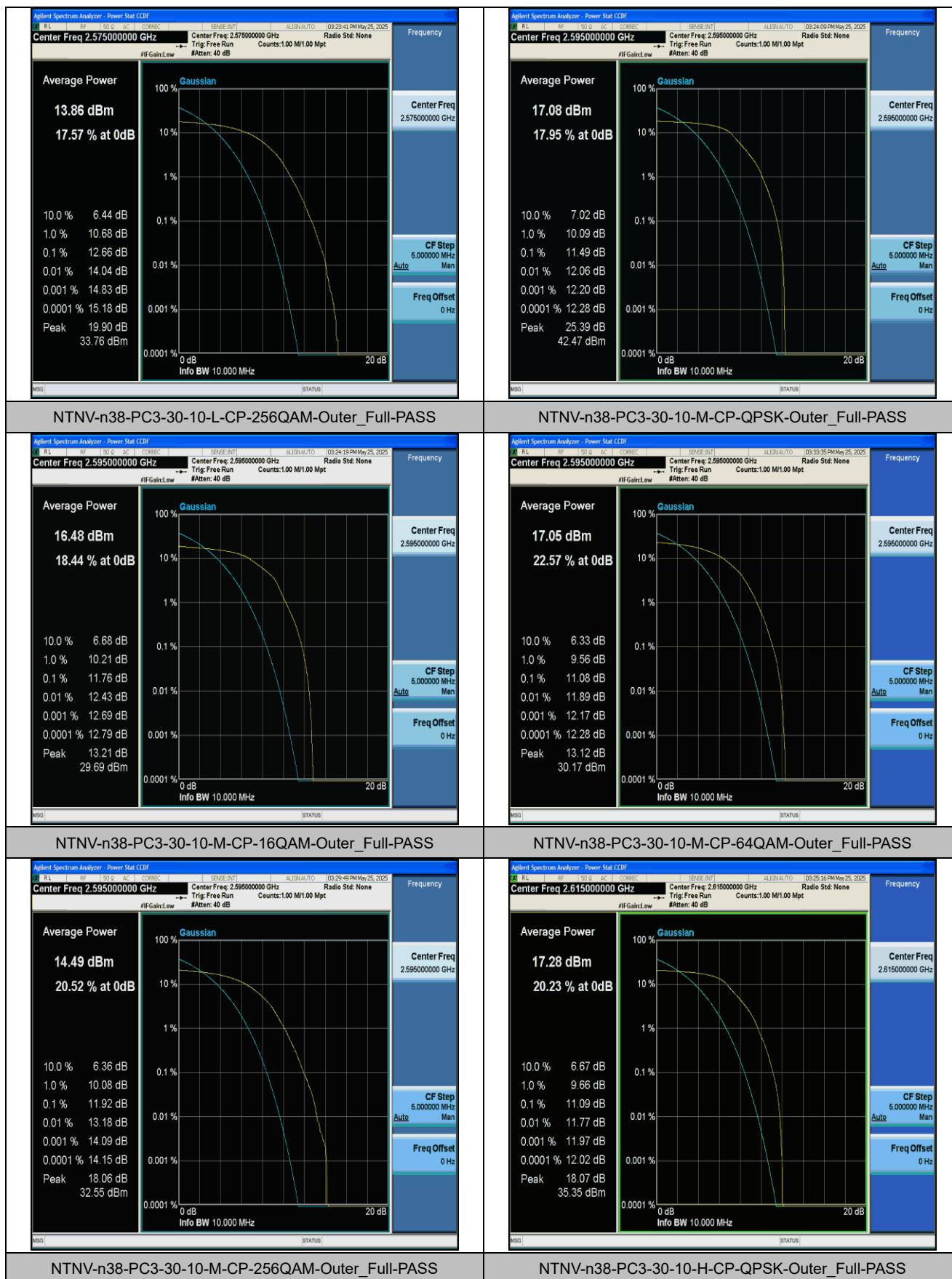
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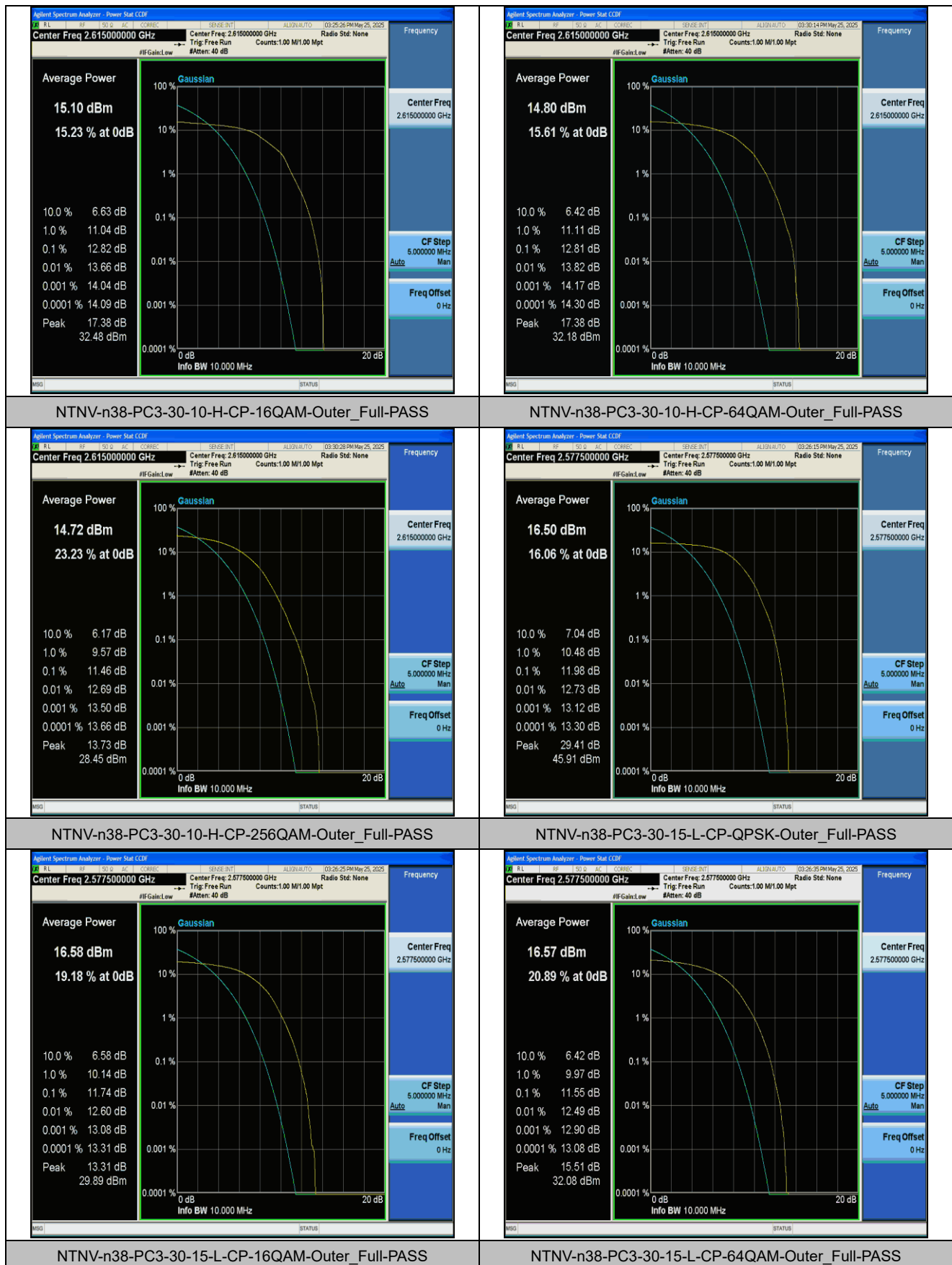


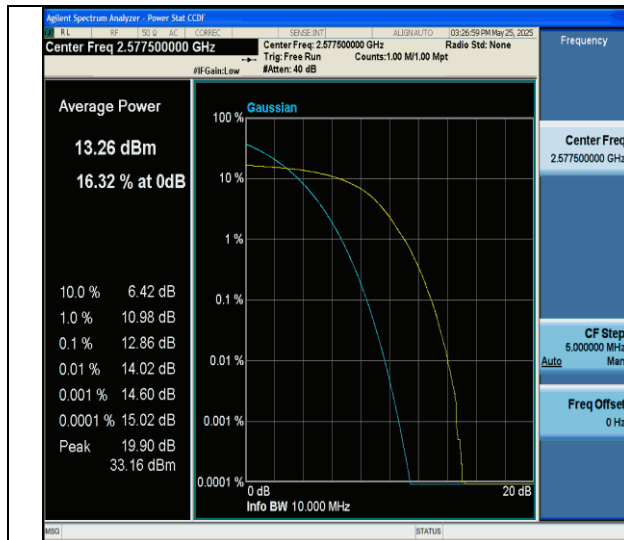




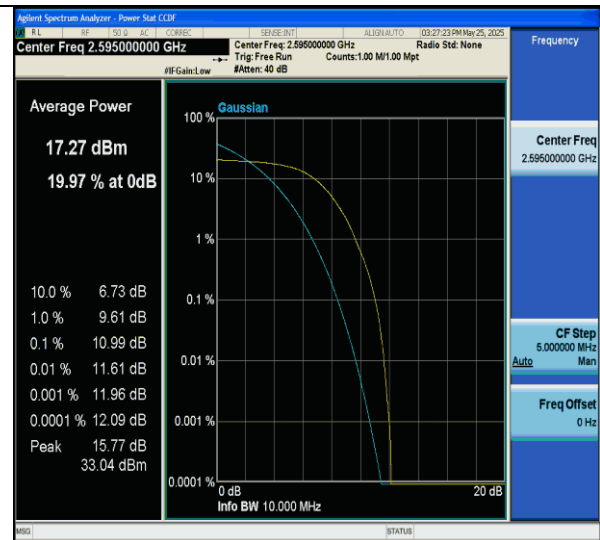




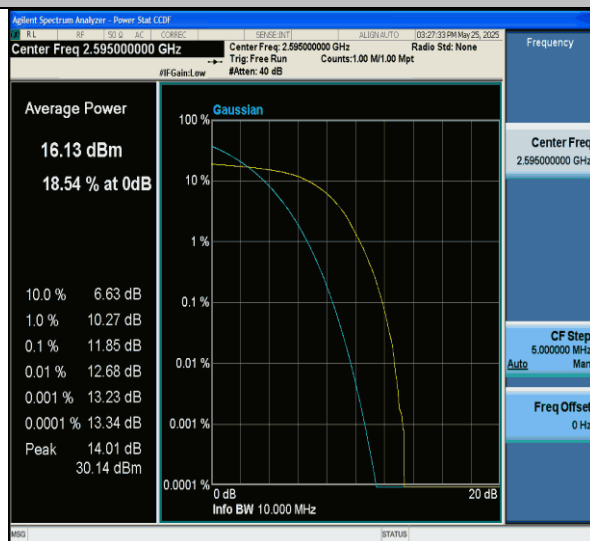




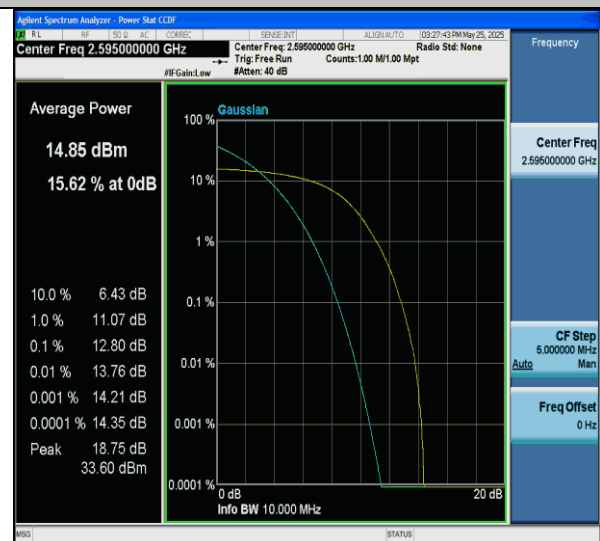
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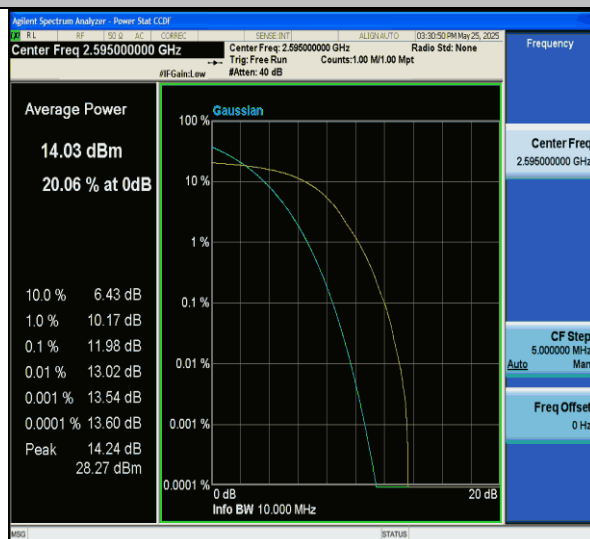
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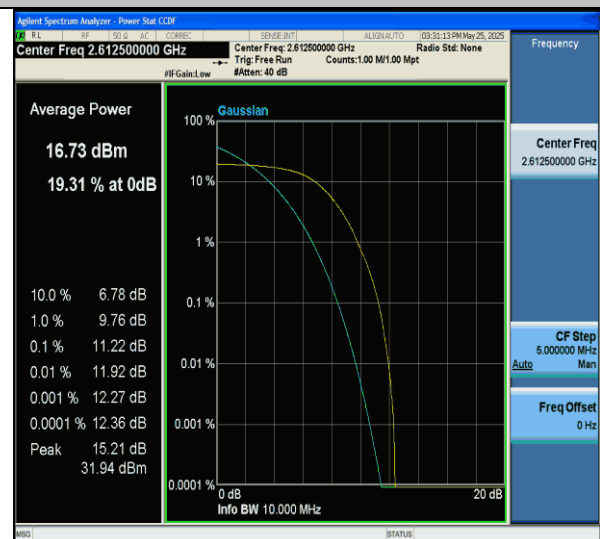
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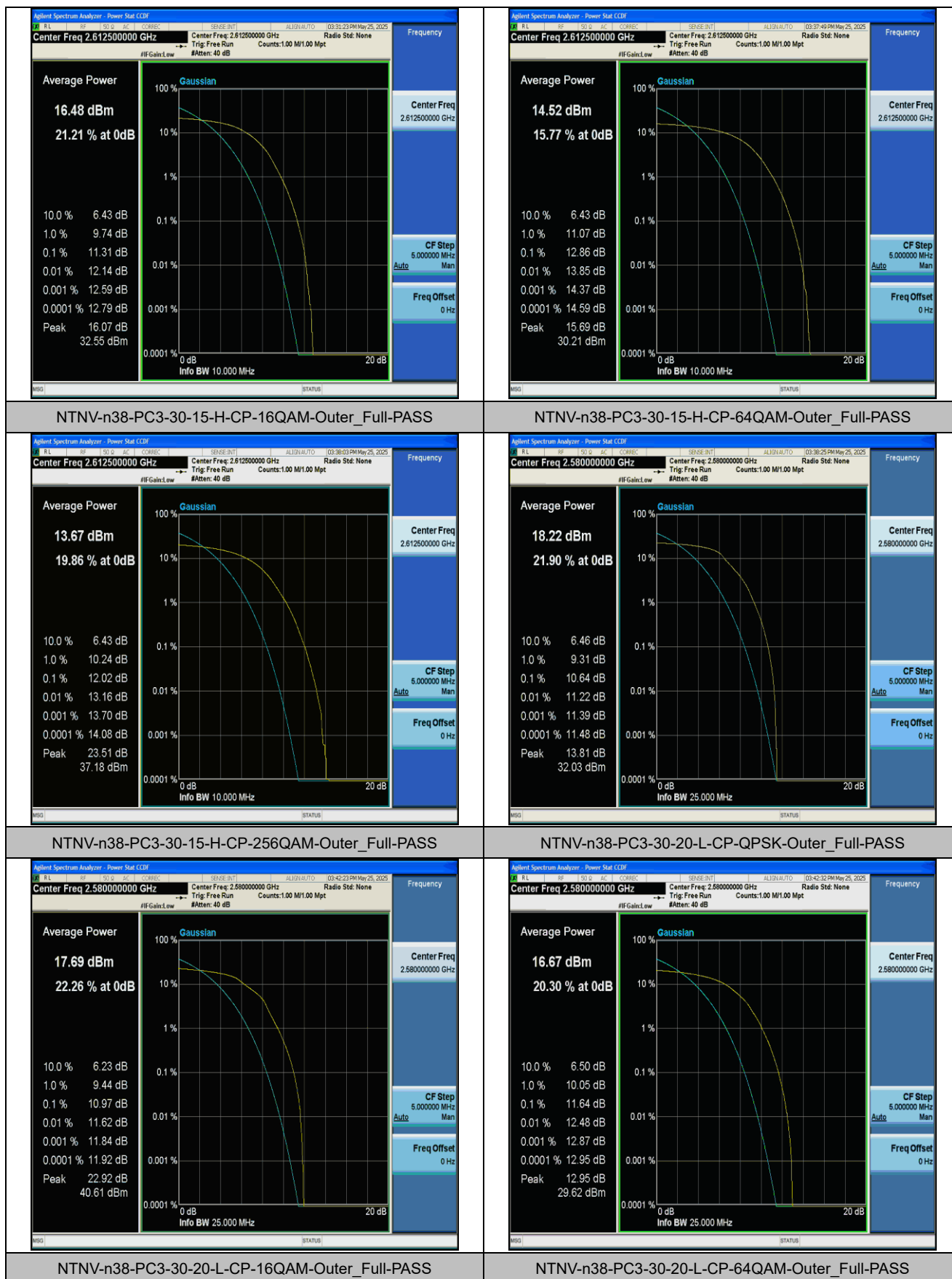
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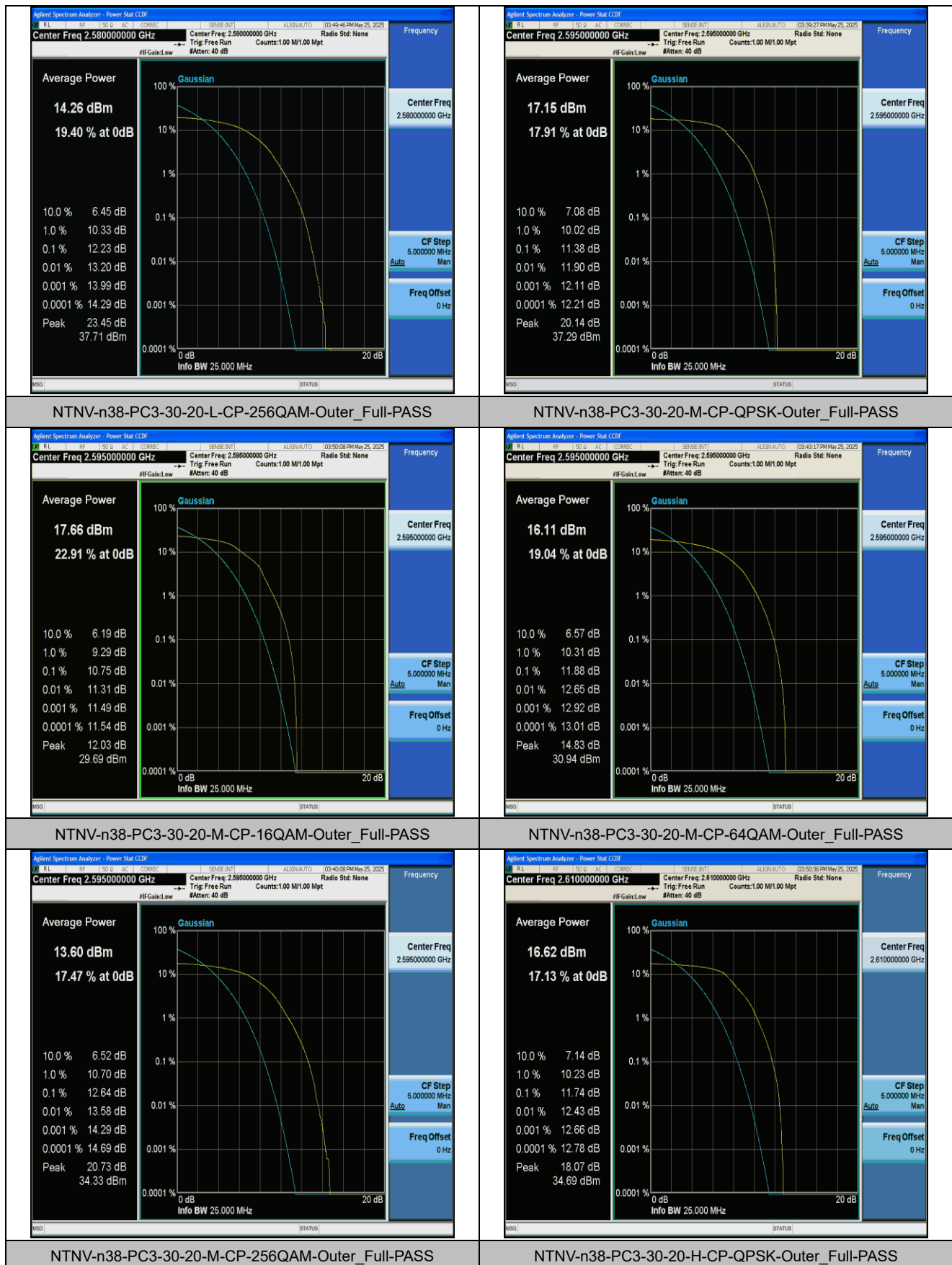


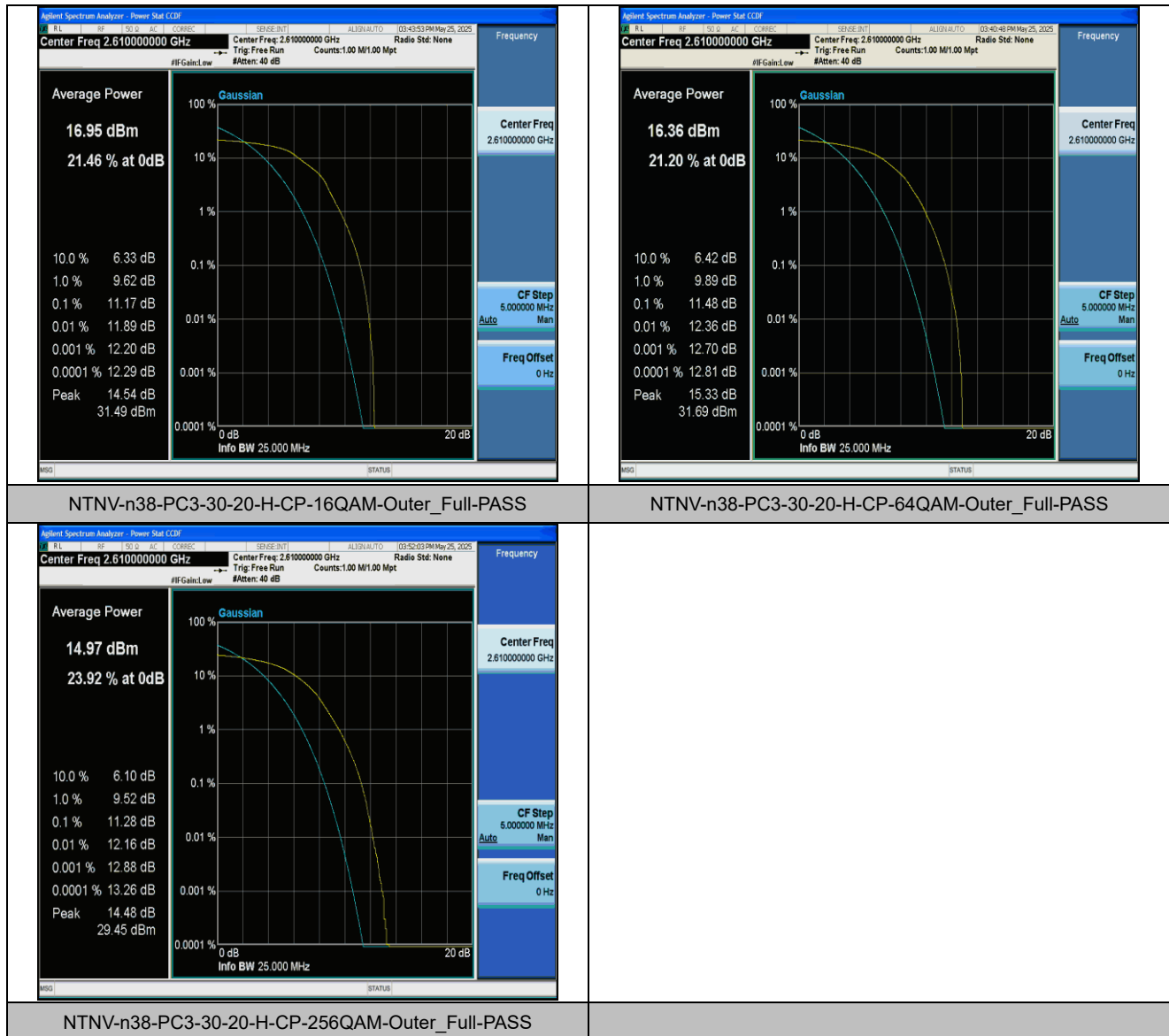
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NTNV-n38-PC3-30-15-H-CP-QPSK-Outer_Full-PASS





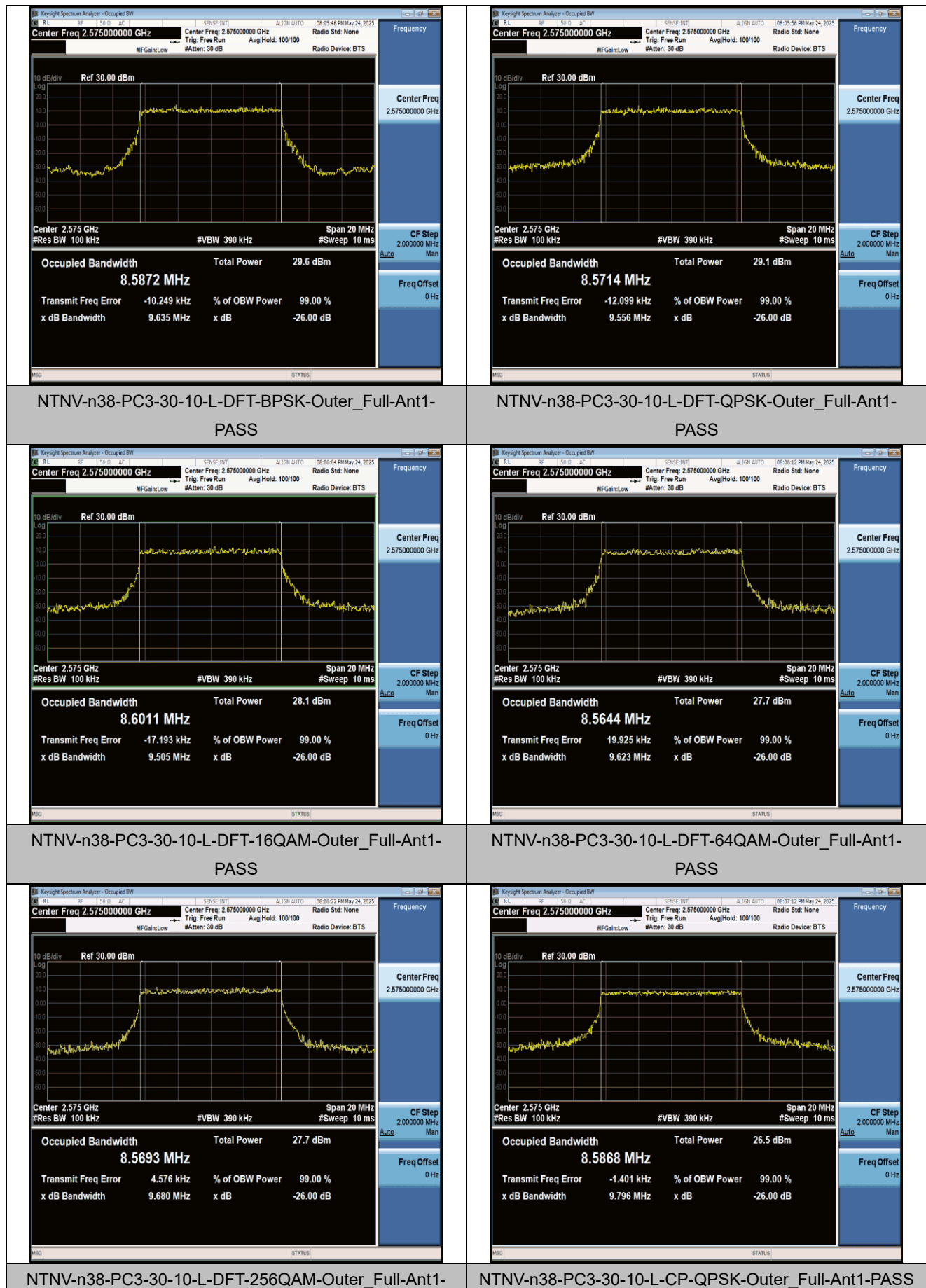


26dB Bandwidth and Occupied Bandwidth for SA**Test Result**

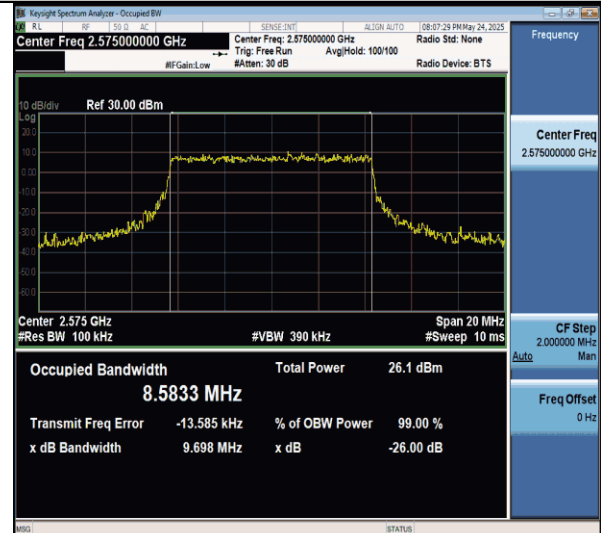
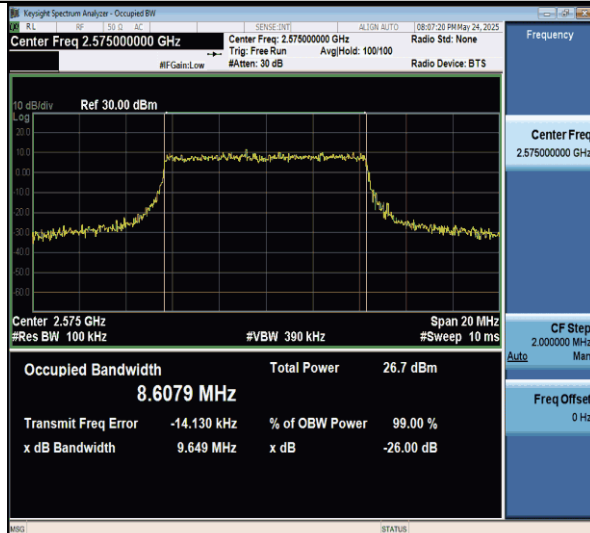
Band	SCS	Bandwidth	Modulation	Channel	RB Config	99% (MHz)	26dB (MHz)	Verdict
n38	30	10	DFT-BPSK	L	Outer_Full	8.5872	9.635	PASS
n38	30	10	DFT-QPSK	L	Outer_Full	8.5714	9.556	PASS
n38	30	10	DFT-16QAM	L	Outer_Full	8.6011	9.505	PASS
n38	30	10	DFT-64QAM	L	Outer_Full	8.5644	9.623	PASS
n38	30	10	DFT-256QAM	L	Outer_Full	8.5693	9.680	PASS
n38	30	10	CP-QPSK	L	Outer_Full	8.5868	9.796	PASS
n38	30	10	CP-16QAM	L	Outer_Full	8.6079	9.649	PASS
n38	30	10	CP-64QAM	L	Outer_Full	8.5833	9.698	PASS
n38	30	10	CP-256QAM	L	Outer_Full	8.5911	9.662	PASS
n38	30	10	DFT-BPSK	M	Outer_Full	8.6031	9.774	PASS
n38	30	10	DFT-QPSK	M	Outer_Full	8.5865	9.620	PASS
n38	30	10	DFT-16QAM	M	Outer_Full	8.5887	9.733	PASS
n38	30	10	DFT-64QAM	M	Outer_Full	8.5703	9.950	PASS
n38	30	10	DFT-256QAM	M	Outer_Full	8.5804	9.715	PASS
n38	30	10	CP-QPSK	M	Outer_Full	8.5763	10.04	PASS
n38	30	10	CP-16QAM	M	Outer_Full	8.5875	9.892	PASS
n38	30	10	CP-64QAM	M	Outer_Full	8.5834	9.760	PASS
n38	30	10	CP-256QAM	M	Outer_Full	8.5893	9.796	PASS
n38	30	10	DFT-BPSK	H	Outer_Full	8.6036	9.613	PASS
n38	30	10	DFT-QPSK	H	Outer_Full	8.5645	9.599	PASS
n38	30	10	DFT-16QAM	H	Outer_Full	8.6030	9.820	PASS
n38	30	10	DFT-64QAM	H	Outer_Full	8.5830	9.640	PASS
n38	30	10	DFT-256QAM	H	Outer_Full	8.5734	9.671	PASS
n38	30	10	CP-QPSK	H	Outer_Full	8.5820	9.787	PASS
n38	30	10	CP-16QAM	H	Outer_Full	8.6078	9.772	PASS
n38	30	10	CP-64QAM	H	Outer_Full	8.5886	9.569	PASS
n38	30	10	CP-256QAM	H	Outer_Full	8.5840	9.844	PASS
n38	30	15	DFT-BPSK	L	Outer_Full	12.838	14.01	PASS
n38	30	15	DFT-QPSK	L	Outer_Full	12.827	14.10	PASS
n38	30	15	DFT-16QAM	L	Outer_Full	12.870	14.32	PASS
n38	30	15	DFT-64QAM	L	Outer_Full	12.861	14.21	PASS
n38	30	15	DFT-256QAM	L	Outer_Full	12.858	14.39	PASS
n38	30	15	CP-QPSK	L	Outer_Full	13.604	15.01	PASS
n38	30	15	CP-16QAM	L	Outer_Full	13.585	15.31	PASS
n38	30	15	CP-64QAM	L	Outer_Full	13.575	14.63	PASS
n38	30	15	CP-256QAM	L	Outer_Full	13.565	14.97	PASS
n38	30	15	DFT-BPSK	M	Outer_Full	12.878	14.32	PASS
n38	30	15	DFT-QPSK	M	Outer_Full	12.860	14.18	PASS
n38	30	15	DFT-16QAM	M	Outer_Full	12.803	13.86	PASS

n38	30	15	DFT-64QAM	M	Outer_Full	12.845	14.32	PASS
n38	30	15	DFT-256QAM	M	Outer_Full	12.868	14.21	PASS
n38	30	15	CP-QPSK	M	Outer_Full	13.582	15.07	PASS
n38	30	15	CP-16QAM	M	Outer_Full	13.591	14.99	PASS
n38	30	15	CP-64QAM	M	Outer_Full	13.580	15.00	PASS
n38	30	15	CP-256QAM	M	Outer_Full	13.561	14.99	PASS
n38	30	15	DFT-BPSK	H	Outer_Full	12.846	13.96	PASS
n38	30	15	DFT-QPSK	H	Outer_Full	12.835	14.21	PASS
n38	30	15	DFT-16QAM	H	Outer_Full	12.830	14.26	PASS
n38	30	15	DFT-64QAM	H	Outer_Full	12.853	14.21	PASS
n38	30	15	DFT-256QAM	H	Outer_Full	12.867	14.20	PASS
n38	30	15	CP-QPSK	H	Outer_Full	13.594	15.08	PASS
n38	30	15	CP-16QAM	H	Outer_Full	13.588	15.11	PASS
n38	30	15	CP-64QAM	H	Outer_Full	13.583	14.71	PASS
n38	30	15	CP-256QAM	H	Outer_Full	13.577	14.83	PASS
n38	30	20	DFT-BPSK	L	Outer_Full	17.786	19.01	PASS
n38	30	20	DFT-QPSK	L	Outer_Full	17.837	19.37	PASS
n38	30	20	DFT-16QAM	L	Outer_Full	17.870	19.28	PASS
n38	30	20	DFT-64QAM	L	Outer_Full	17.832	19.56	PASS
n38	30	20	DFT-256QAM	L	Outer_Full	17.850	19.40	PASS
n38	30	20	CP-QPSK	L	Outer_Full	18.256	19.75	PASS
n38	30	20	CP-16QAM	L	Outer_Full	18.173	19.79	PASS
n38	30	20	CP-64QAM	L	Outer_Full	18.218	19.79	PASS
n38	30	20	CP-256QAM	L	Outer_Full	18.232	19.90	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	17.780	18.97	PASS
n38	30	20	DFT-QPSK	M	Outer_Full	17.826	19.16	PASS
n38	30	20	DFT-16QAM	M	Outer_Full	17.884	19.17	PASS
n38	30	20	DFT-64QAM	M	Outer_Full	17.841	19.35	PASS
n38	30	20	DFT-256QAM	M	Outer_Full	17.832	19.23	PASS
n38	30	20	CP-QPSK	M	Outer_Full	18.219	20.05	PASS
n38	30	20	CP-16QAM	M	Outer_Full	18.172	19.82	PASS
n38	30	20	CP-64QAM	M	Outer_Full	18.246	20.03	PASS
n38	30	20	CP-256QAM	M	Outer_Full	18.259	19.95	PASS
n38	30	20	DFT-BPSK	H	Outer_Full	17.808	19.29	PASS
n38	30	20	DFT-QPSK	H	Outer_Full	17.845	19.14	PASS
n38	30	20	DFT-16QAM	H	Outer_Full	17.878	19.19	PASS
n38	30	20	DFT-64QAM	H	Outer_Full	17.821	19.22	PASS
n38	30	20	DFT-256QAM	H	Outer_Full	17.826	19.04	PASS
n38	30	20	CP-QPSK	H	Outer_Full	18.214	20.05	PASS
n38	30	20	CP-16QAM	H	Outer_Full	18.257	19.90	PASS
n38	30	20	CP-64QAM	H	Outer_Full	18.194	20.07	PASS
n38	30	20	CP-256QAM	H	Outer_Full	18.270	19.79	PASS

Test Graphs

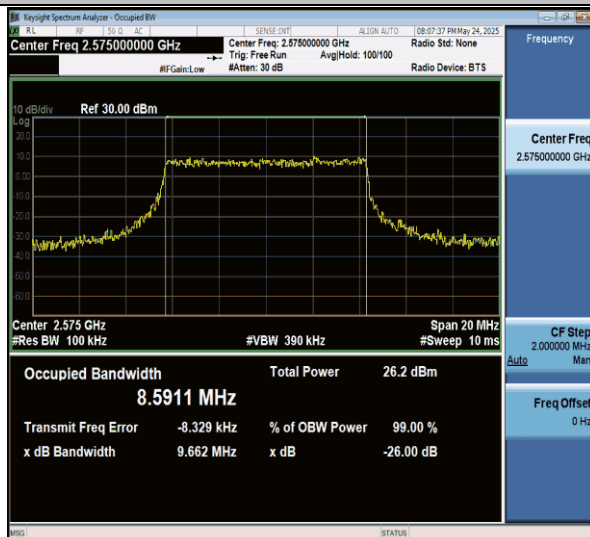


PASS



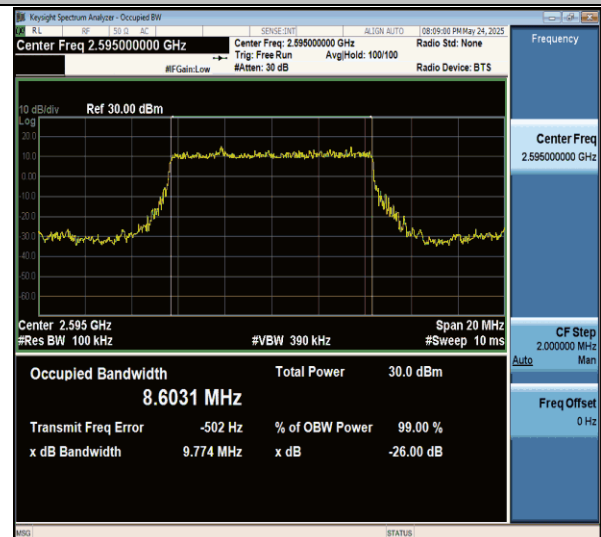
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PASS



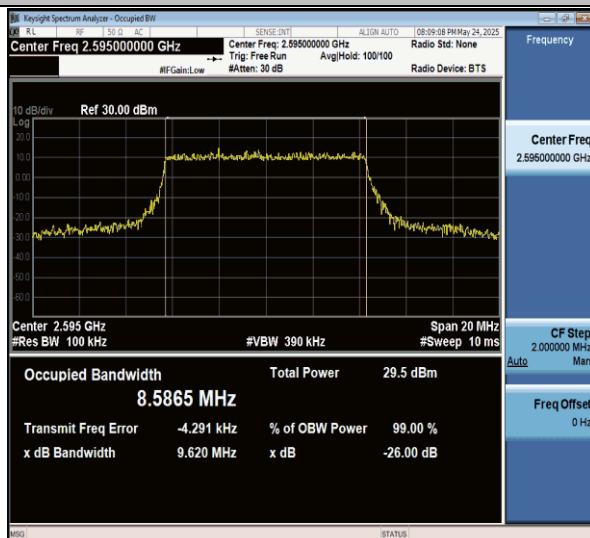
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PASS



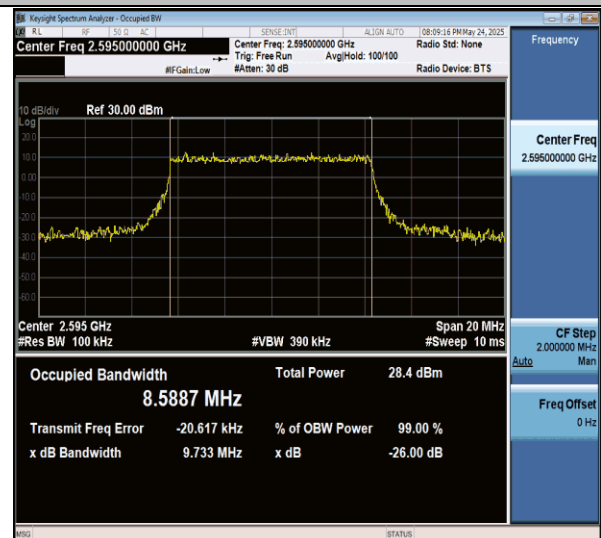
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PASS



NTNV-n38-PC3-30-10-M-DFT-BPSK-Outer_Full-Ant1-

PASS

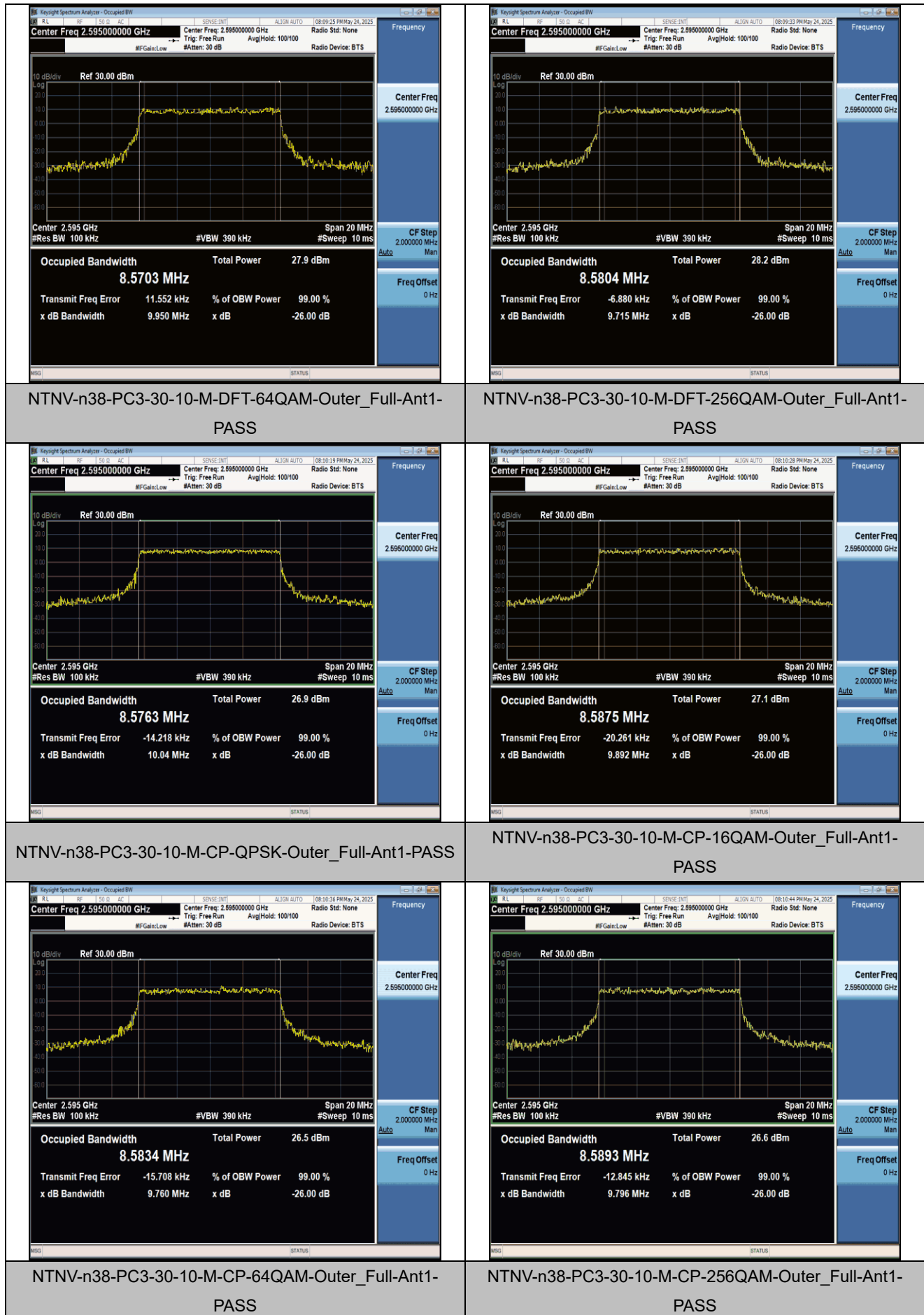


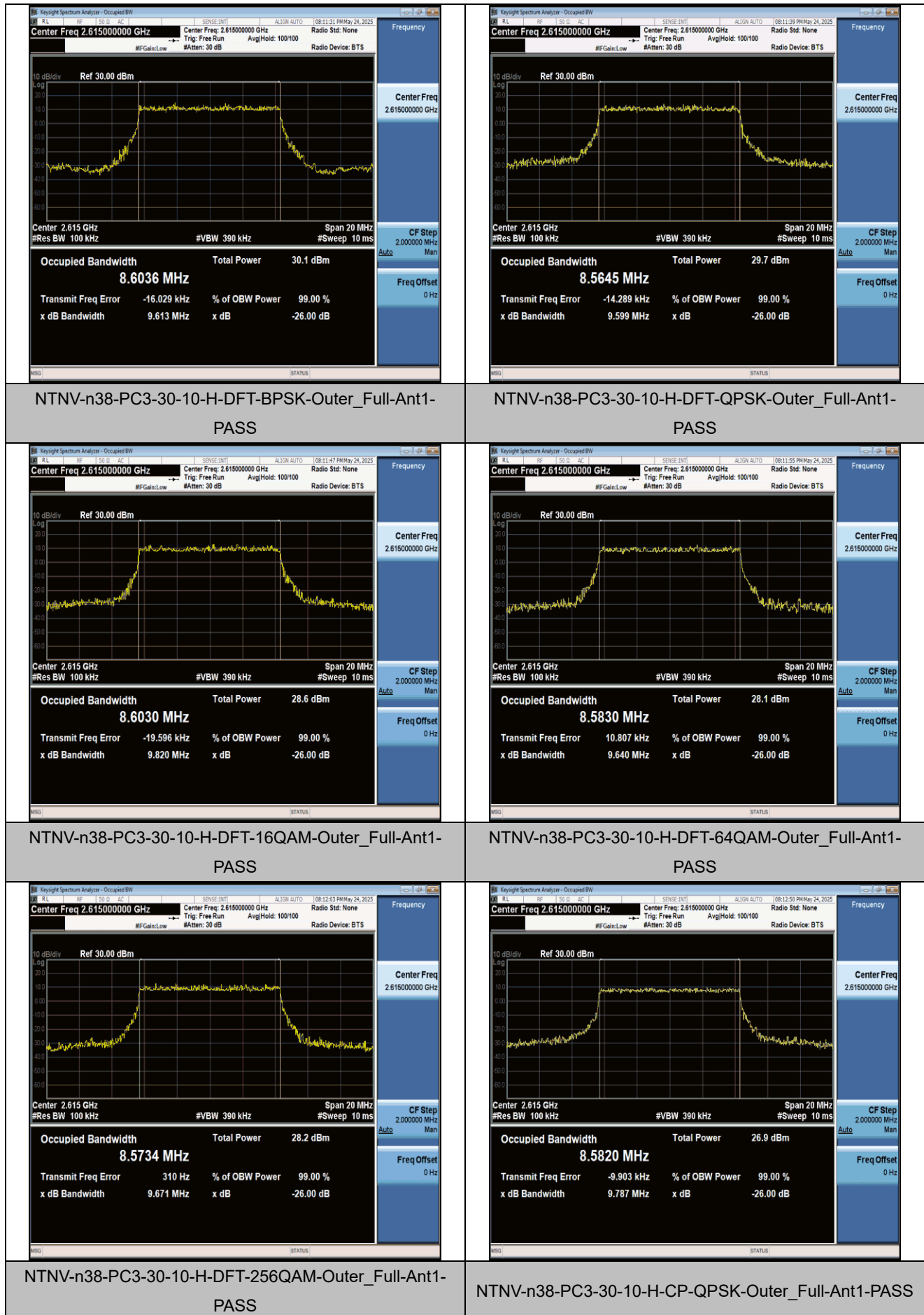
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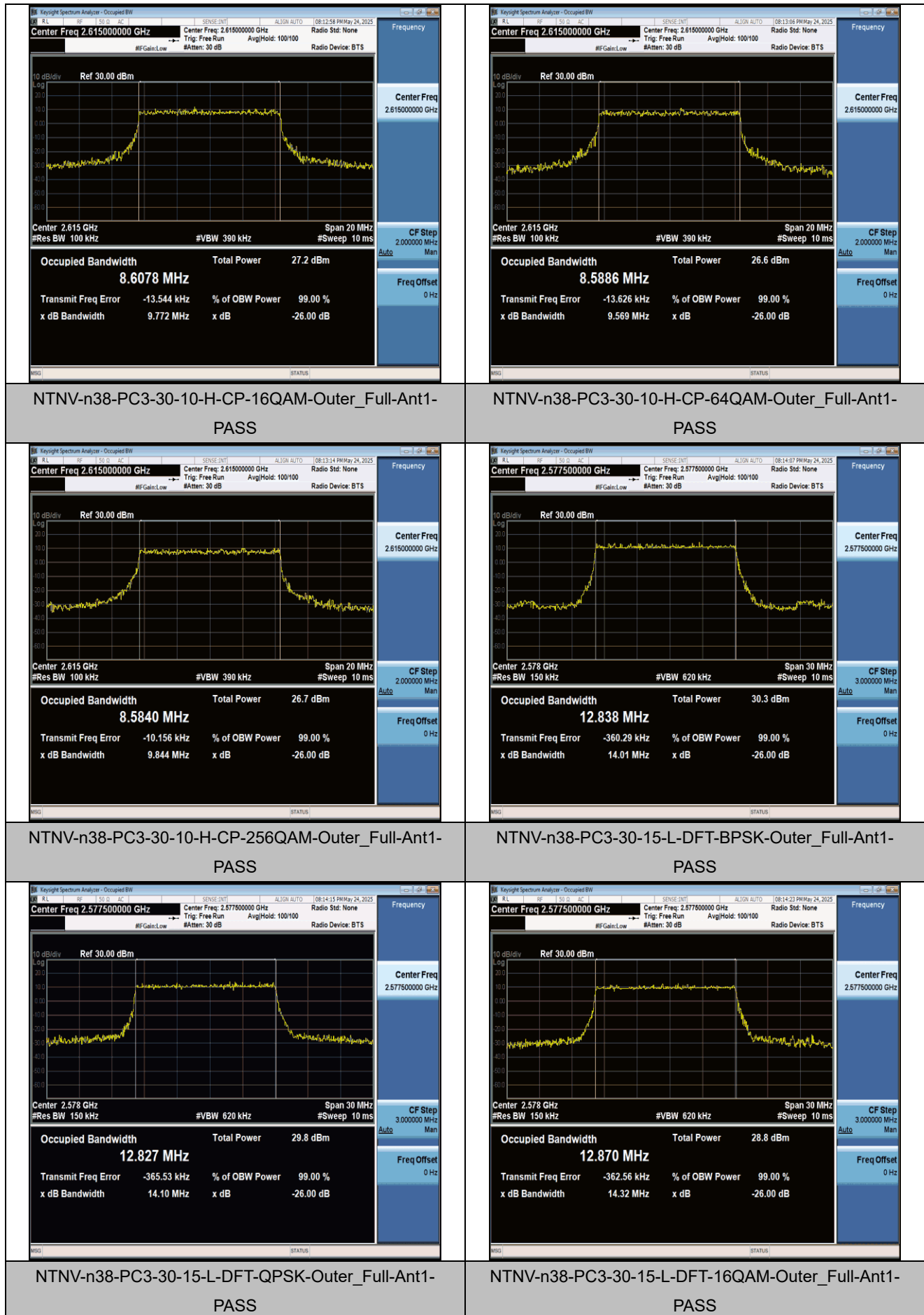
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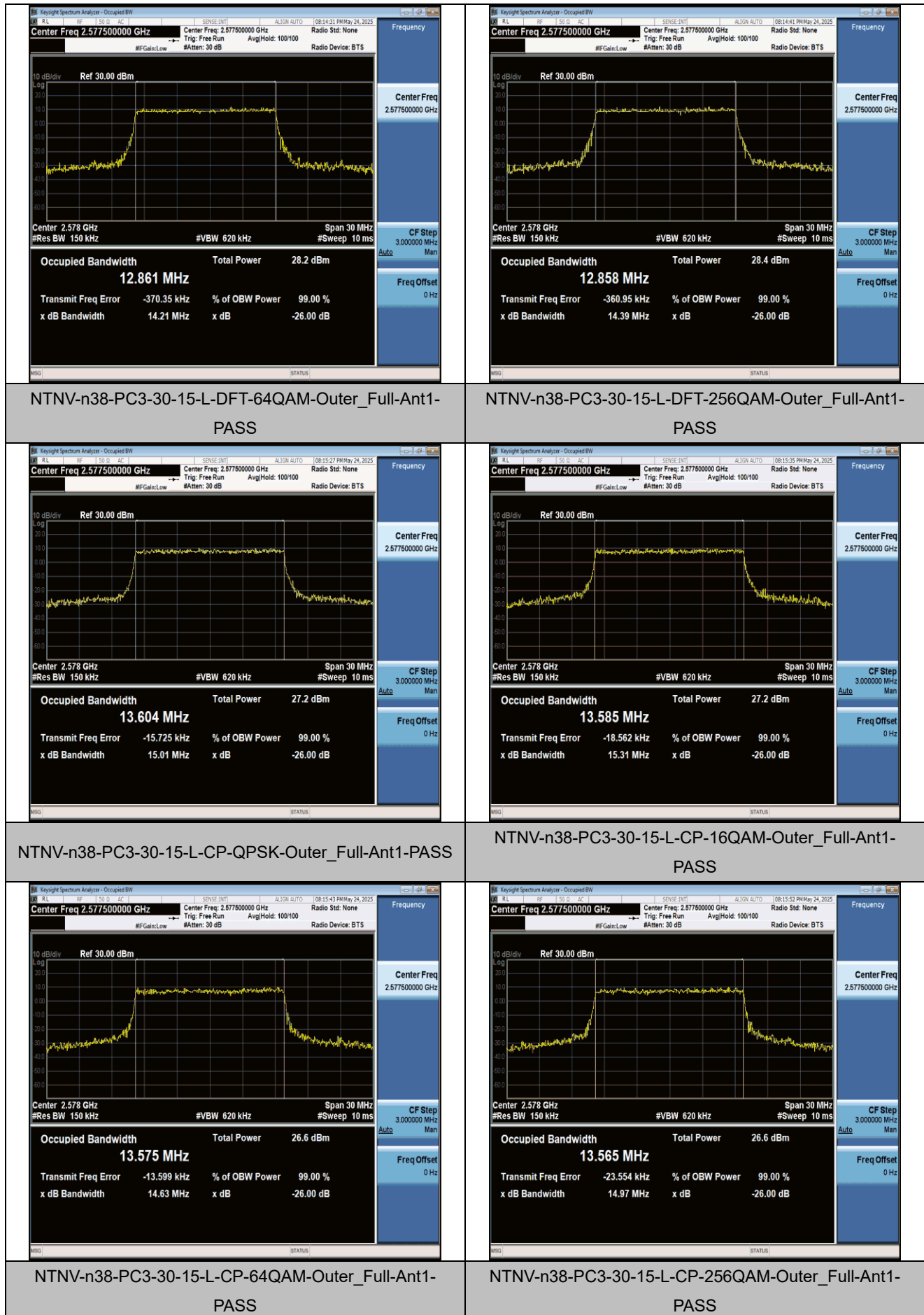
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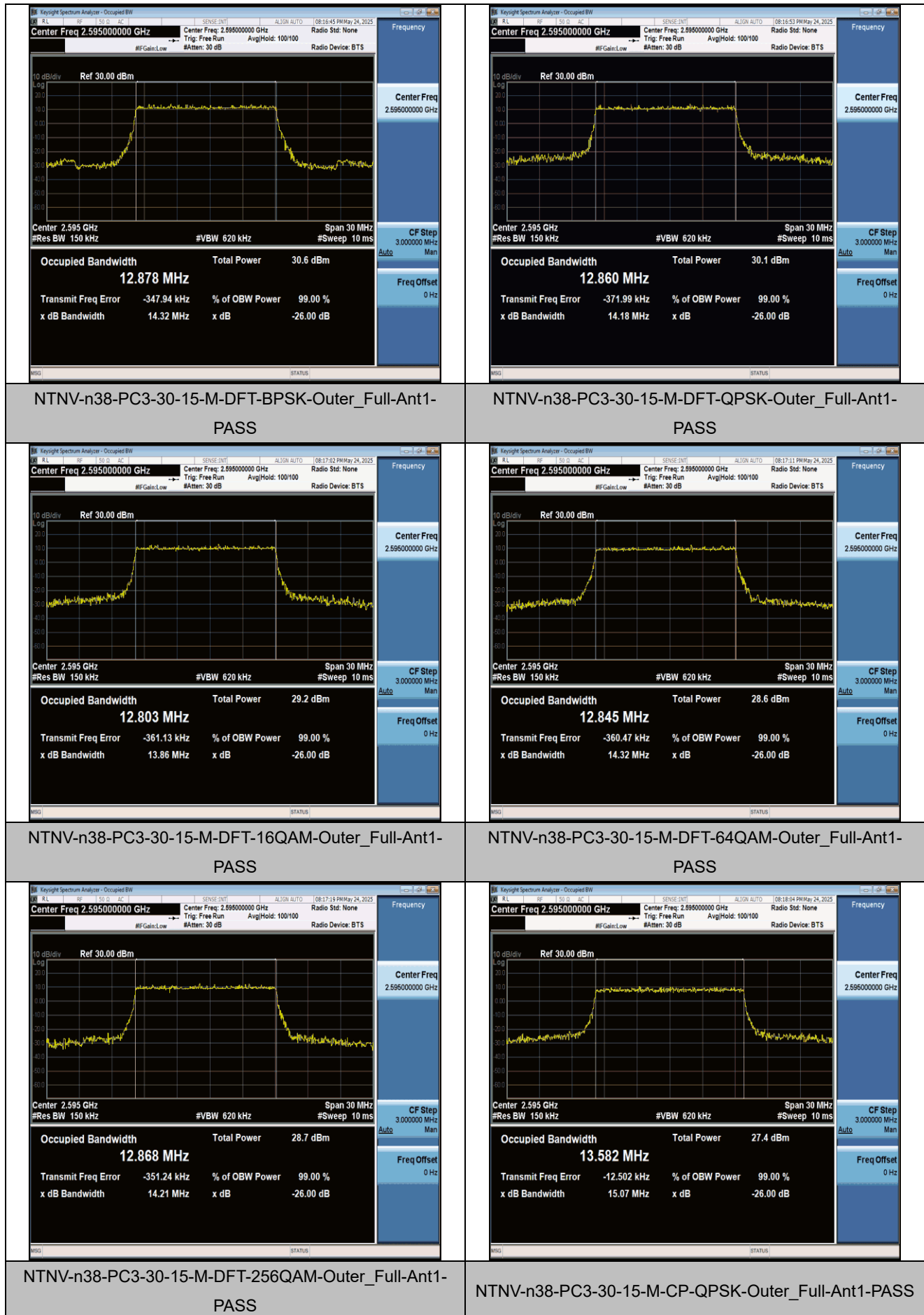
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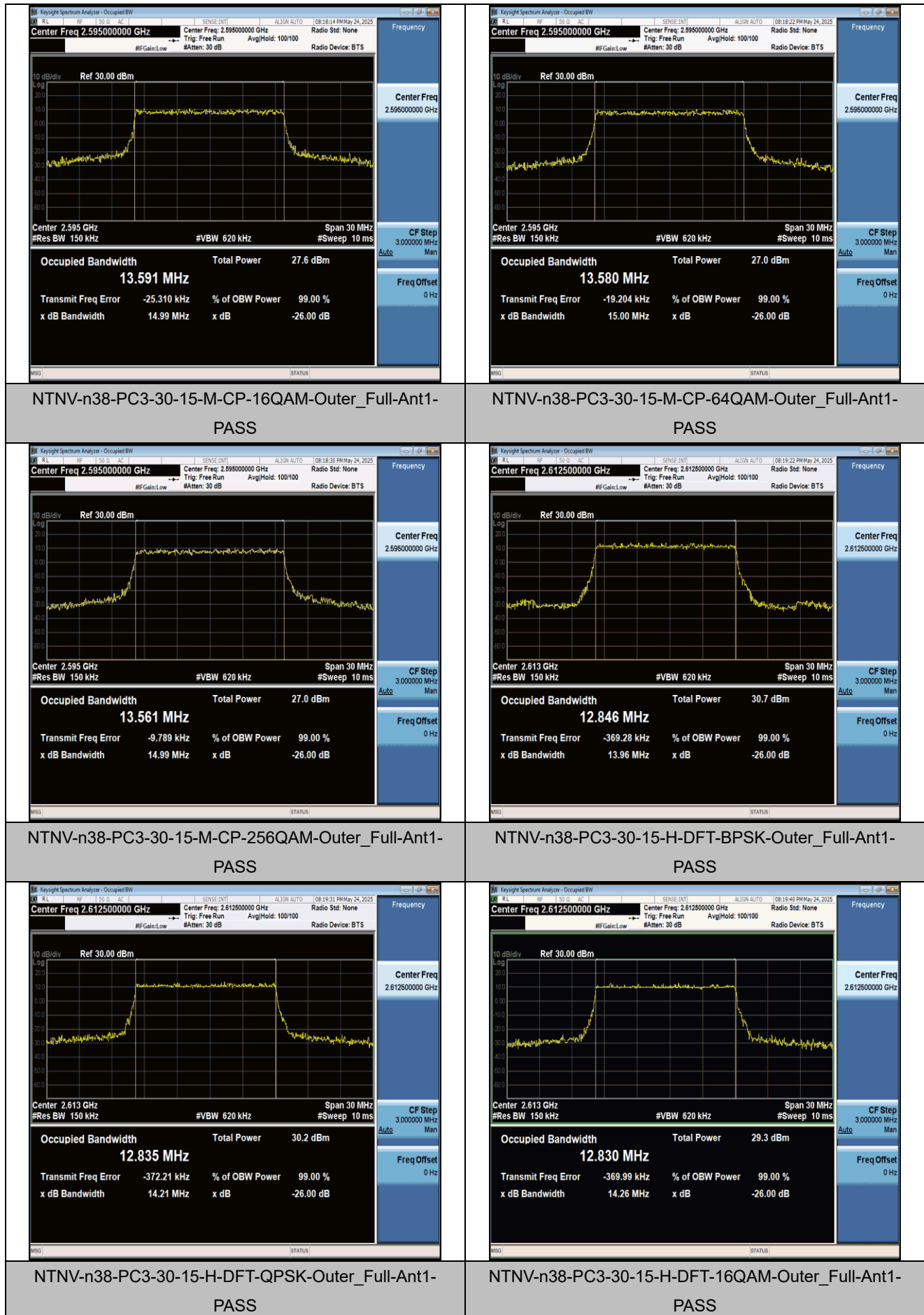


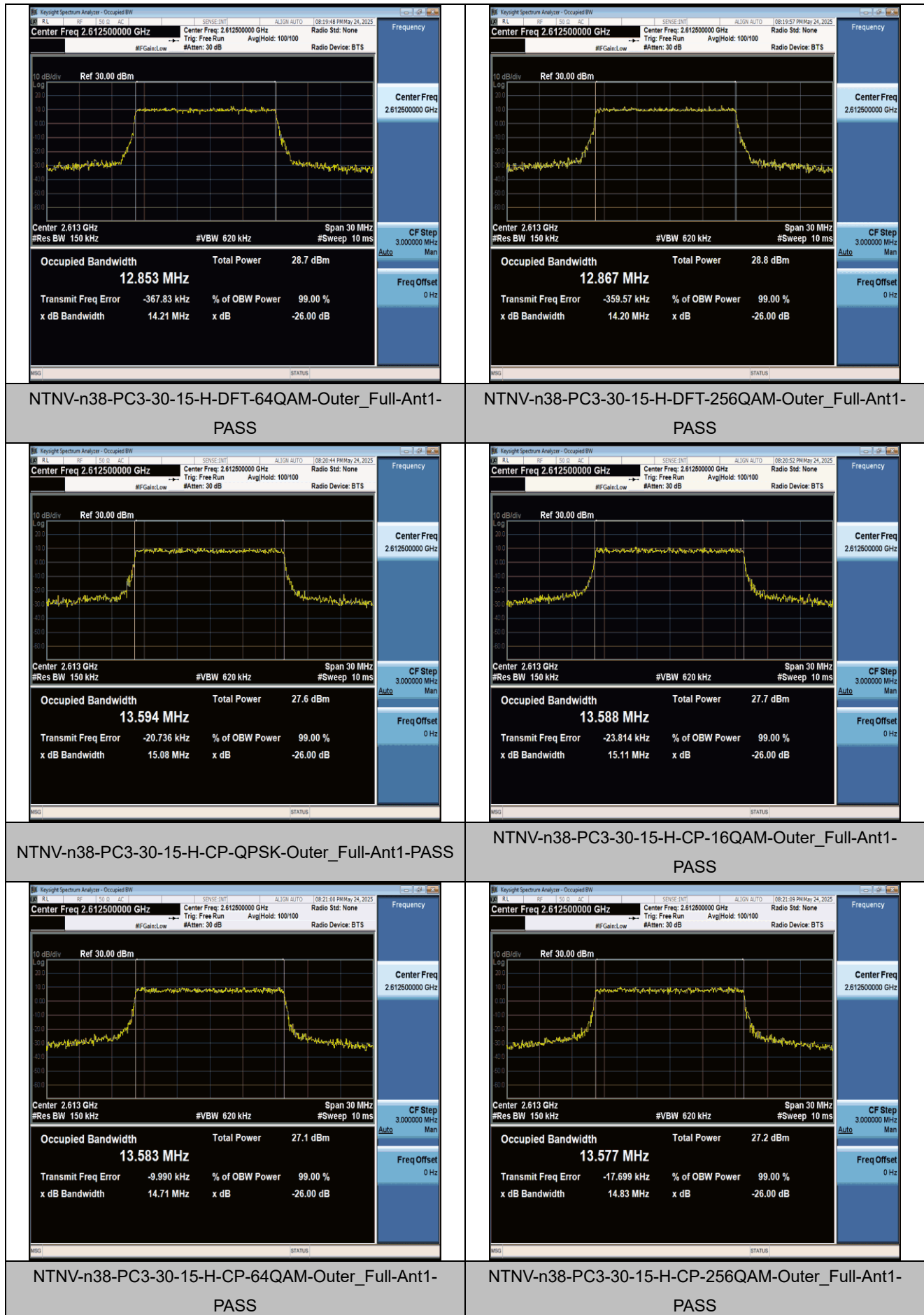


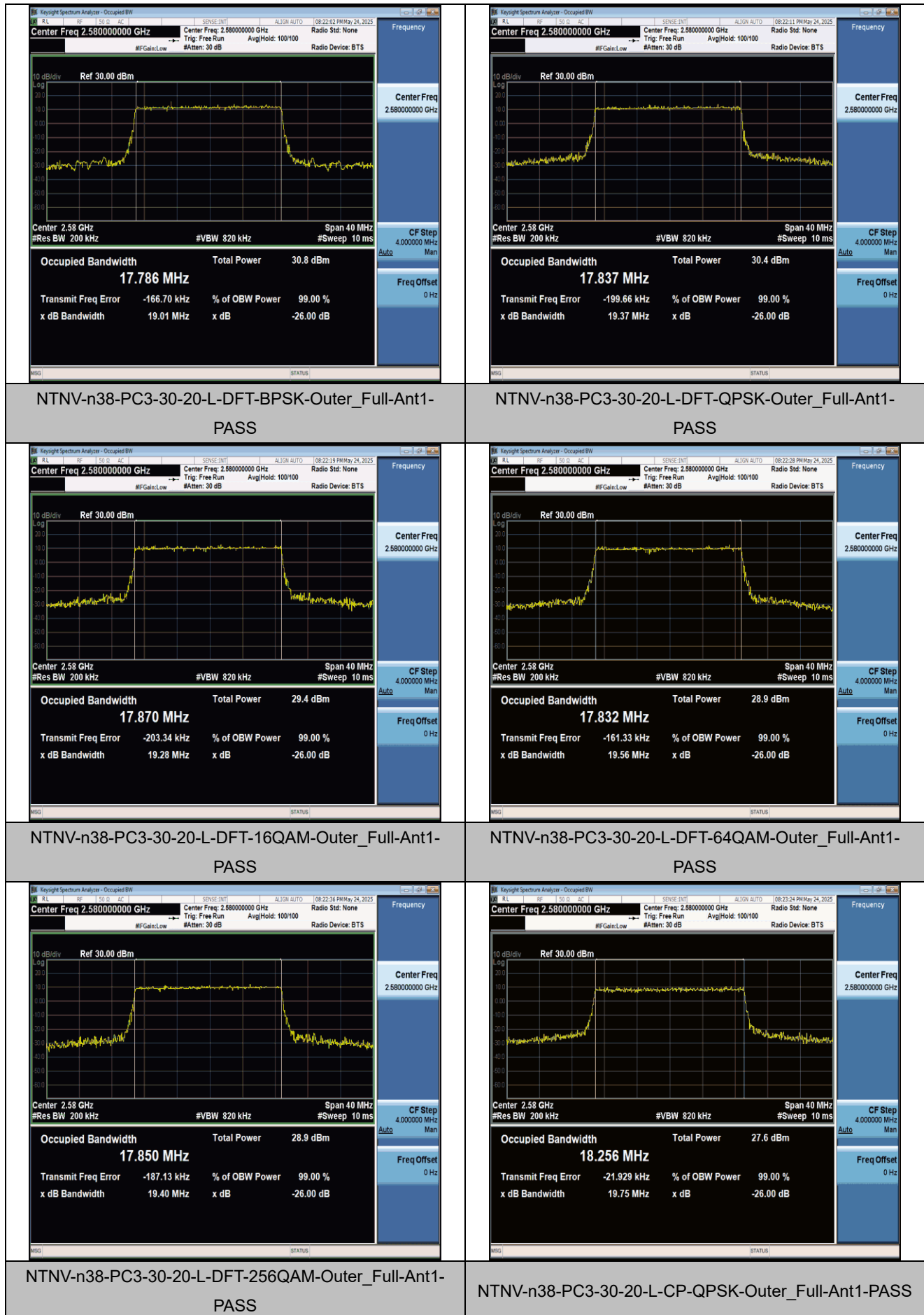


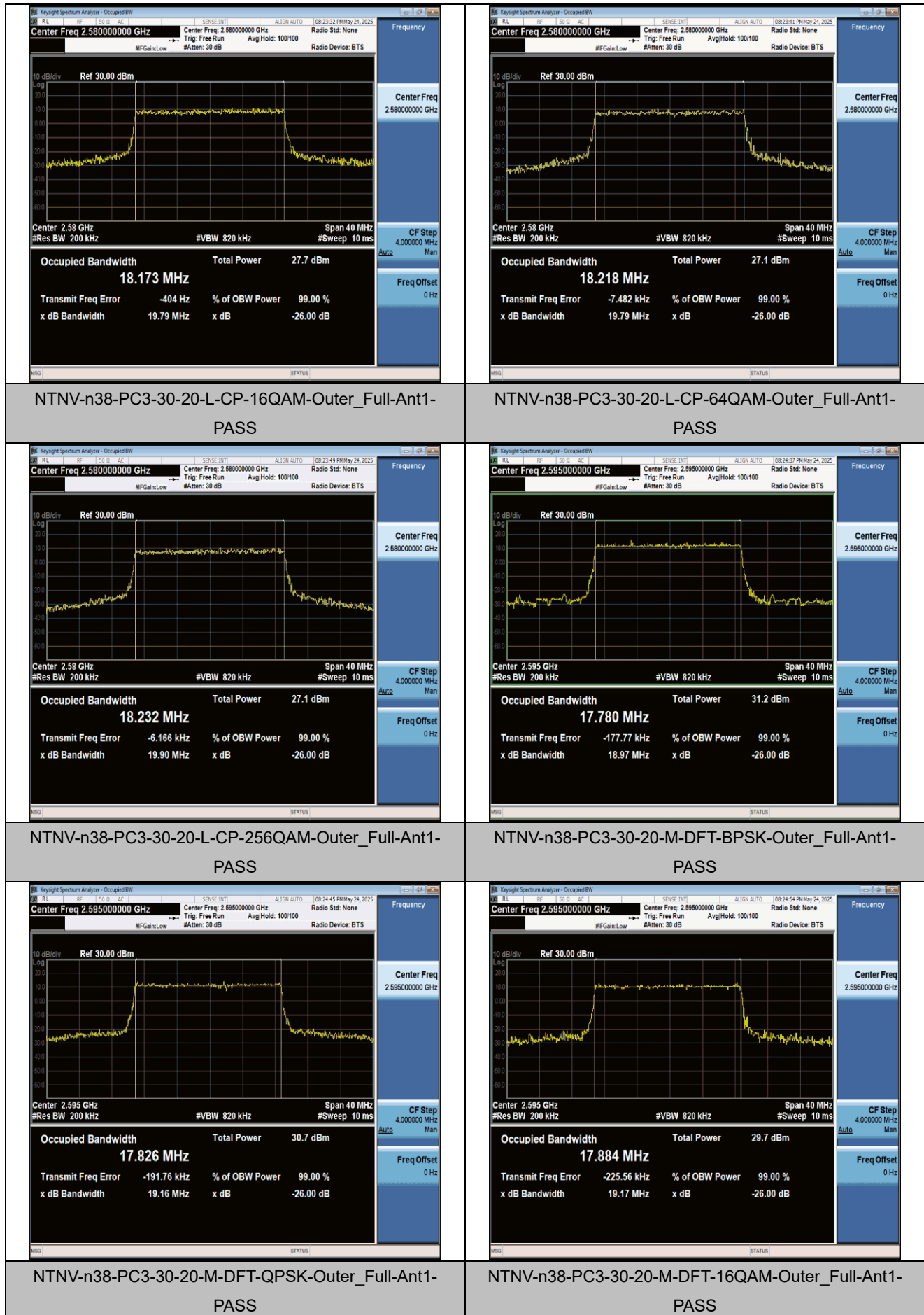


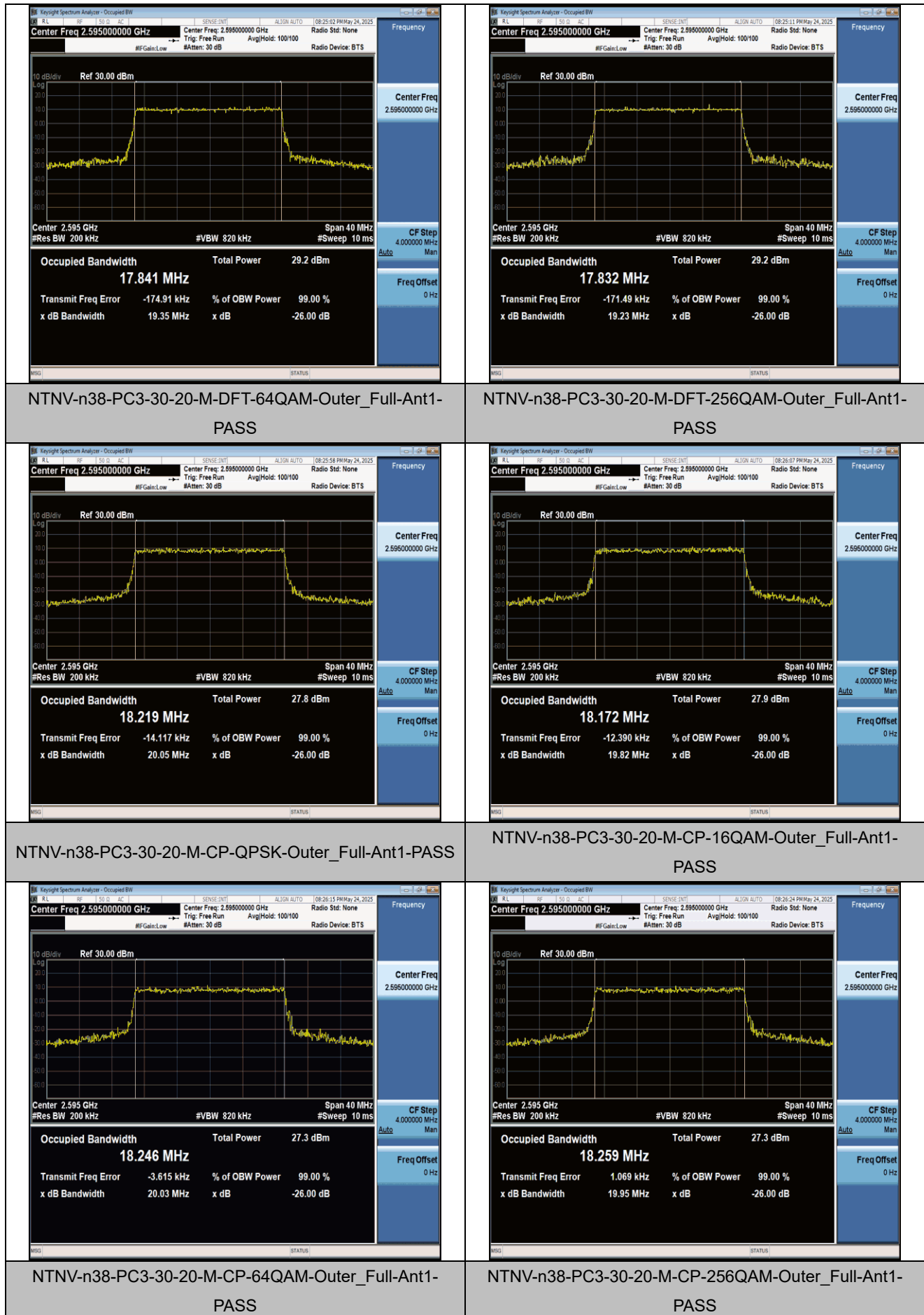


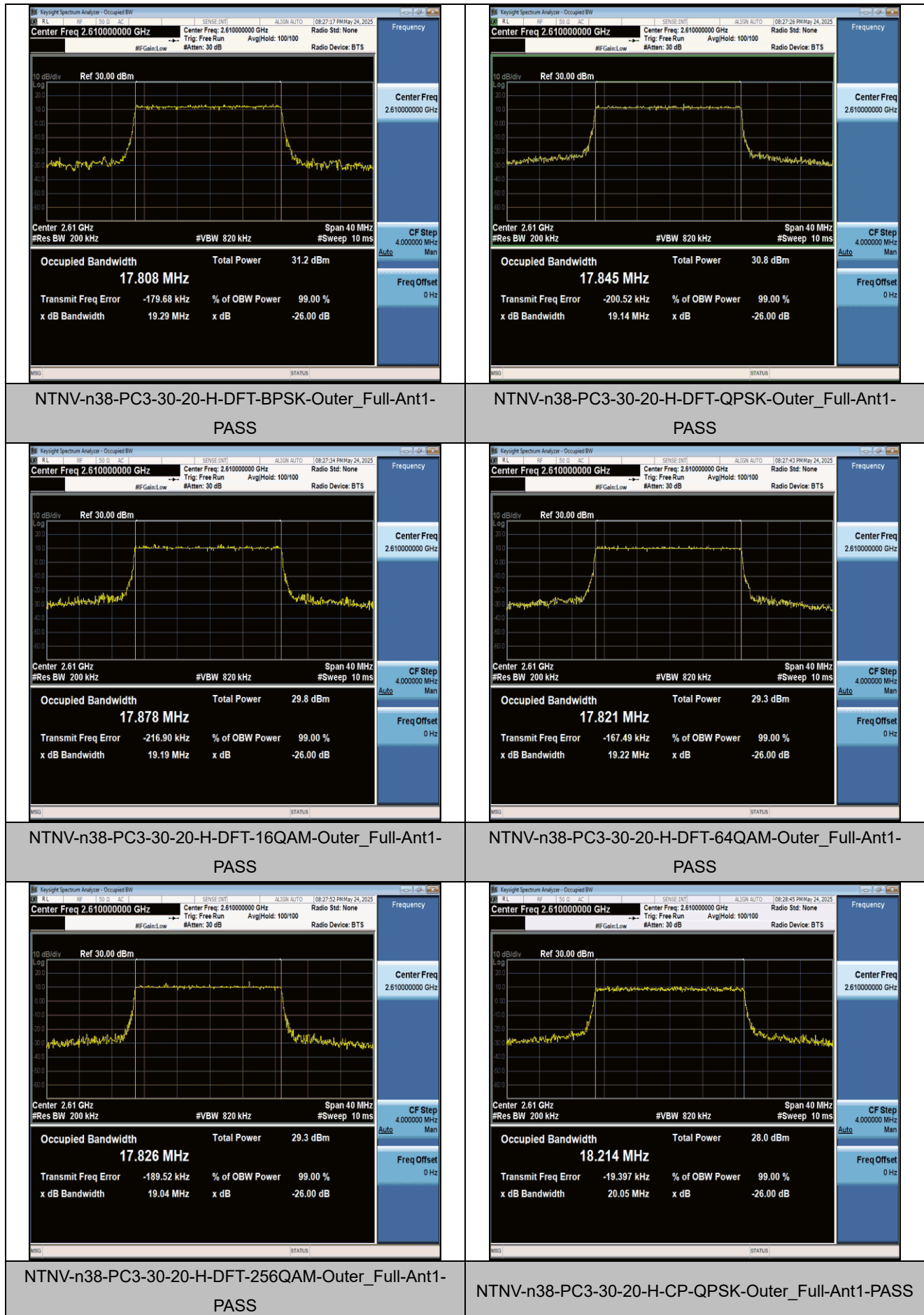


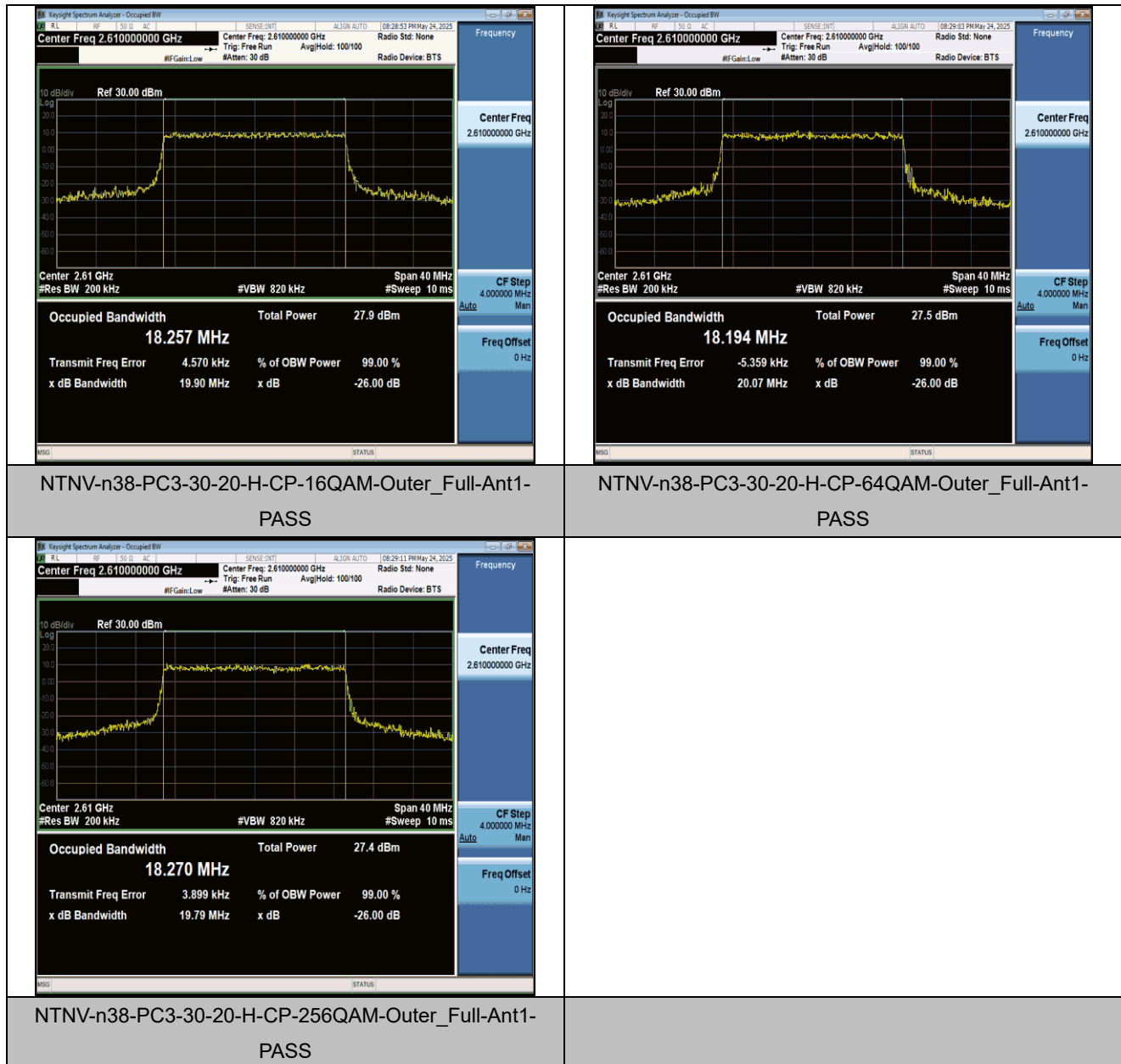






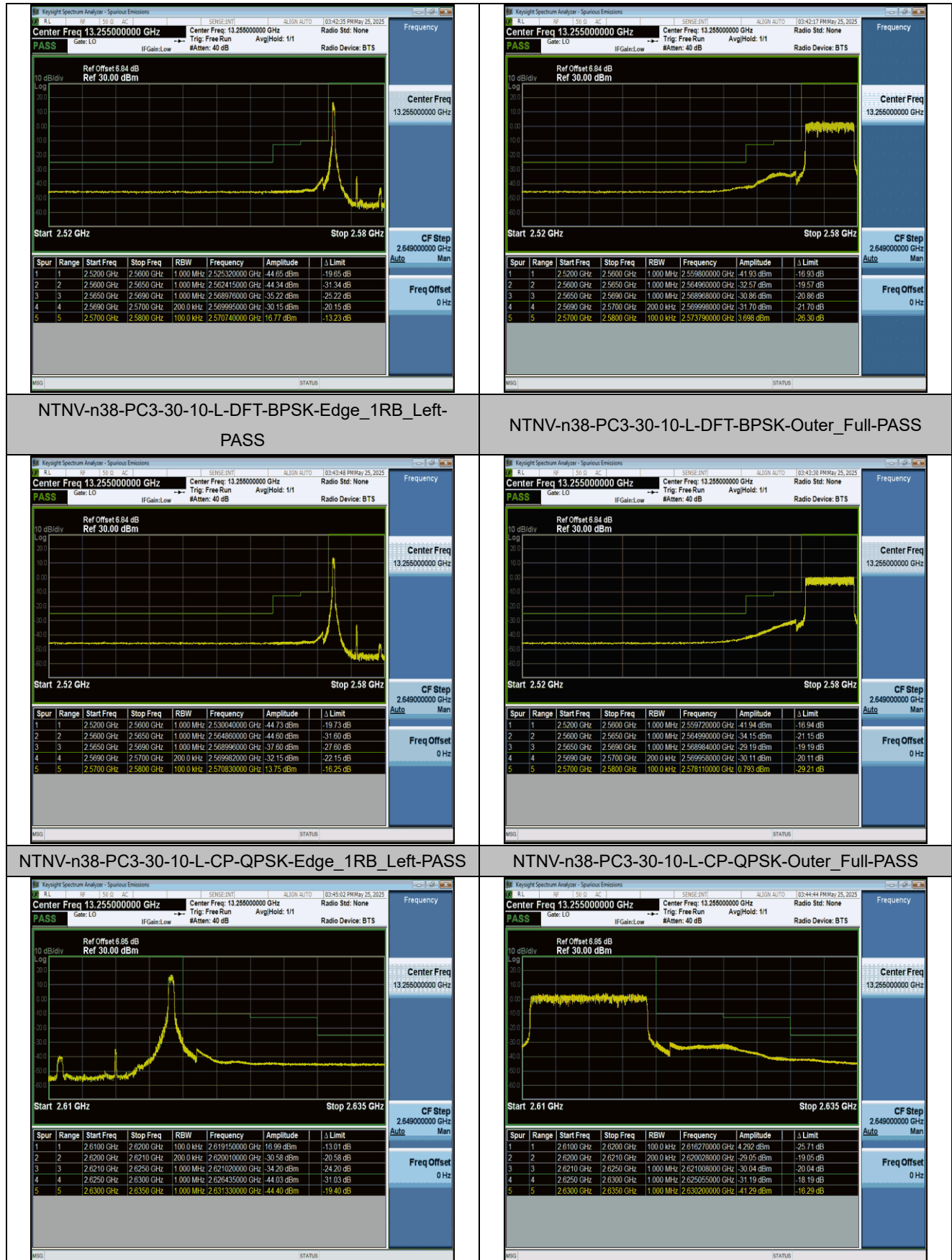




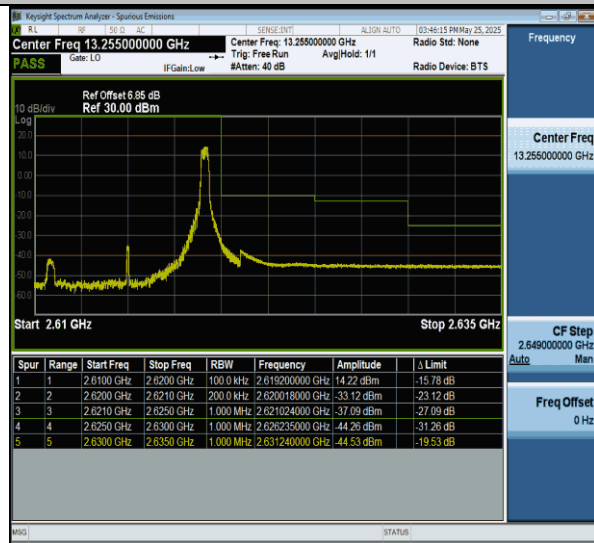


Band Edge for SA

Test Graphs



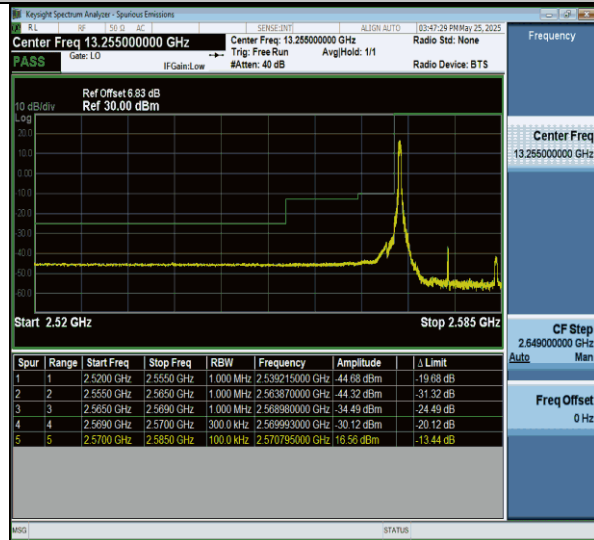
NTNV-n38-PC3-30-10-H-DFT-BPSK-Edge_1RB_Right-PASS



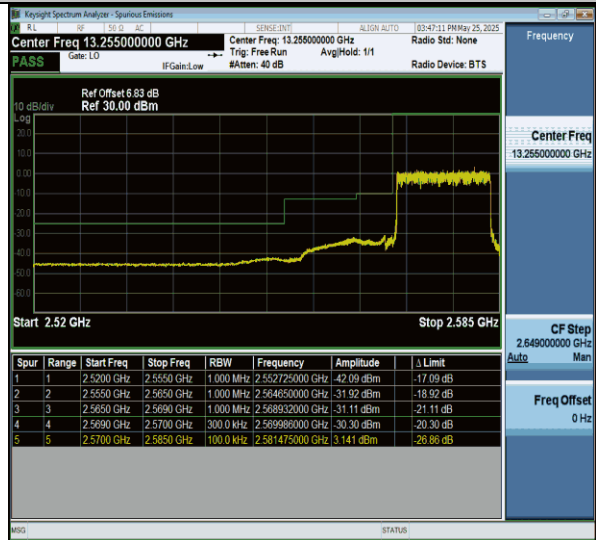
NTNV-n38-PC3-30-10-H-DFT-BPSK-Outer_Full-PASS



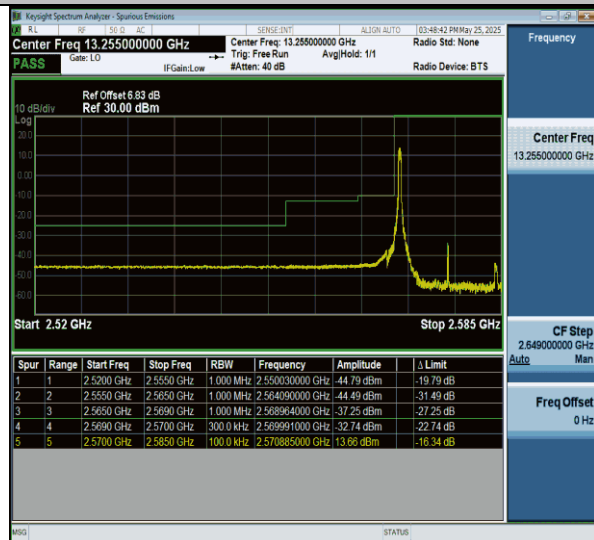
NTNV-n38-PC3-30-10-H-CP-QPSK-Edge_1RB_Right-PASS



NTNV-n38-PC3-30-10-H-CP-QPSK-Outer_Full-PASS



NTNV-n38-PC3-30-15-L-DFT-BPSK-Edge_1RB_Left-PASS



NTNV-n38-PC3-30-15-L-DFT-BPSK-Outer_Full-PASS

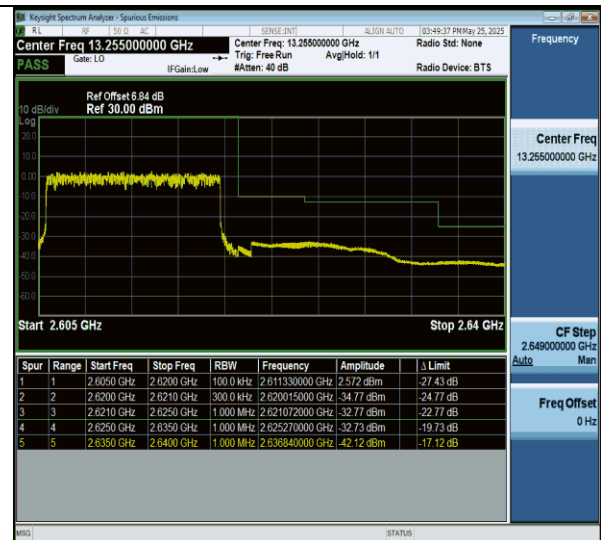


NTNV-n38-PC3-30-15-L-CP-QPSK-Edge_1RB_Left-PASS

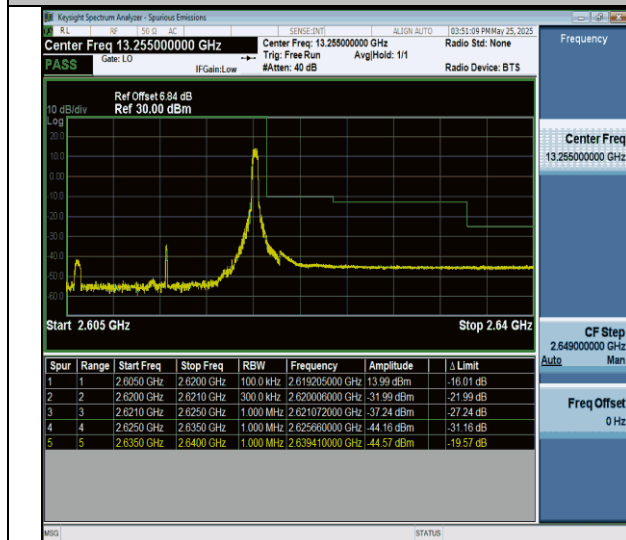
NTNV-n38-PC3-30-15-L-CP-QPSK-Outer_Full-PASS



NTNV-n38-PC3-30-15-H-DFT-BPSK-Edge_1RB_Right-PASS



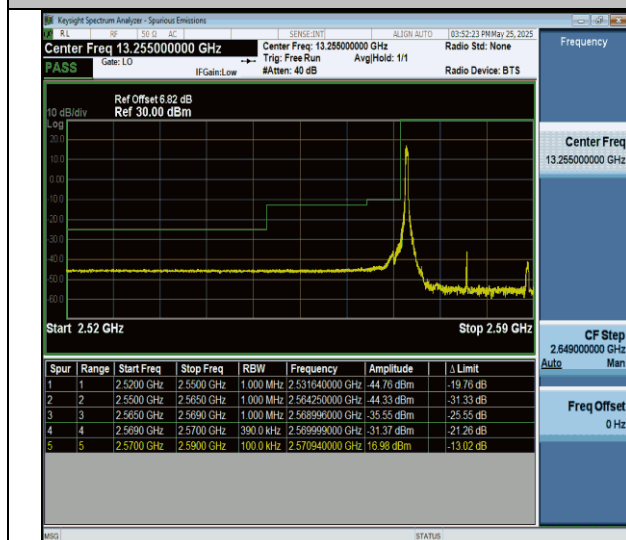
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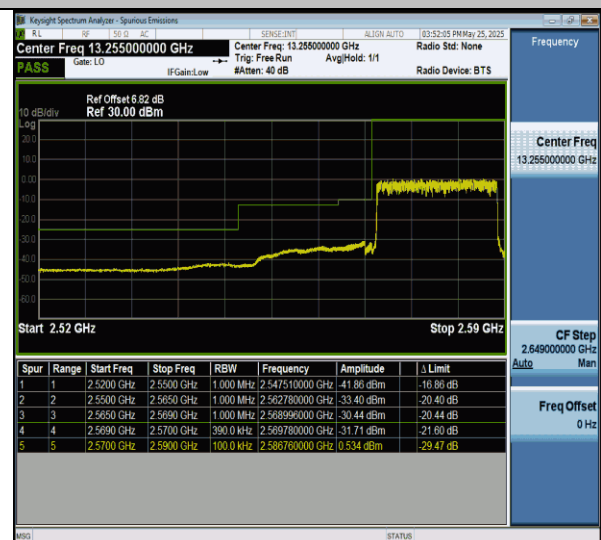
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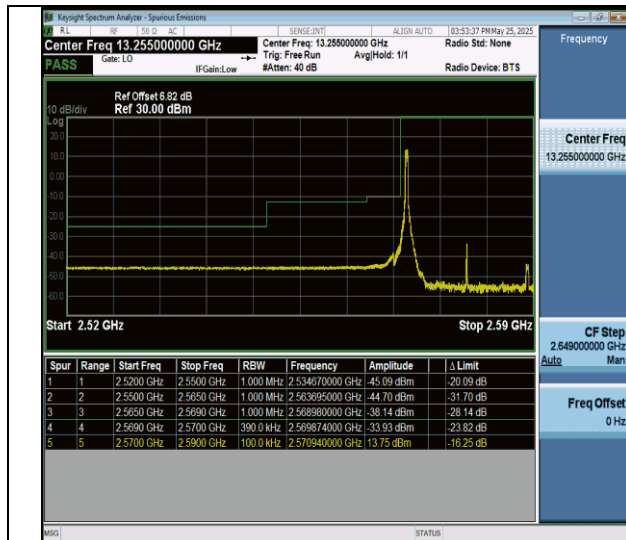
NTNV-n38-PC3-30-15-H-CP-QPSK-Outer_Full-PASS



NTNV-n38-PC3-30-20-L-DFT-BPSK-Edge_1RB_Left-PASS

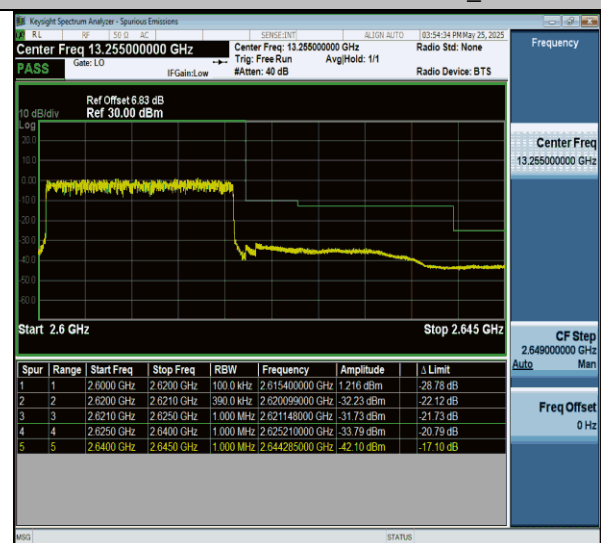
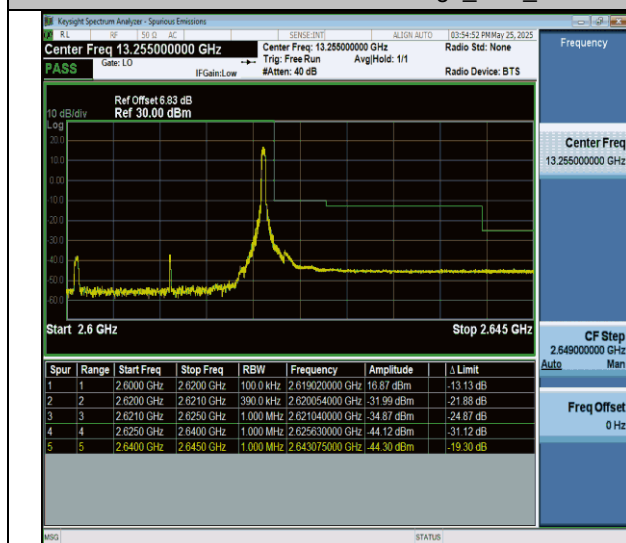


NTNV-n38-PC3-30-20-L-DFT-BPSK-Outer_Full-PASS



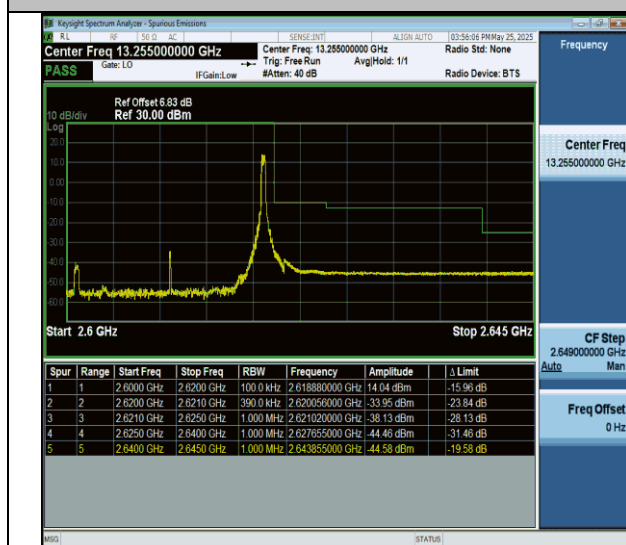
NTNV-n38-PC3-30-20-L-CP-QPSK-Edge_1RB_Left-PASS

NTNV-n38-PC3-30-20-L-CP-QPSK-Outer_Full-PASS



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

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

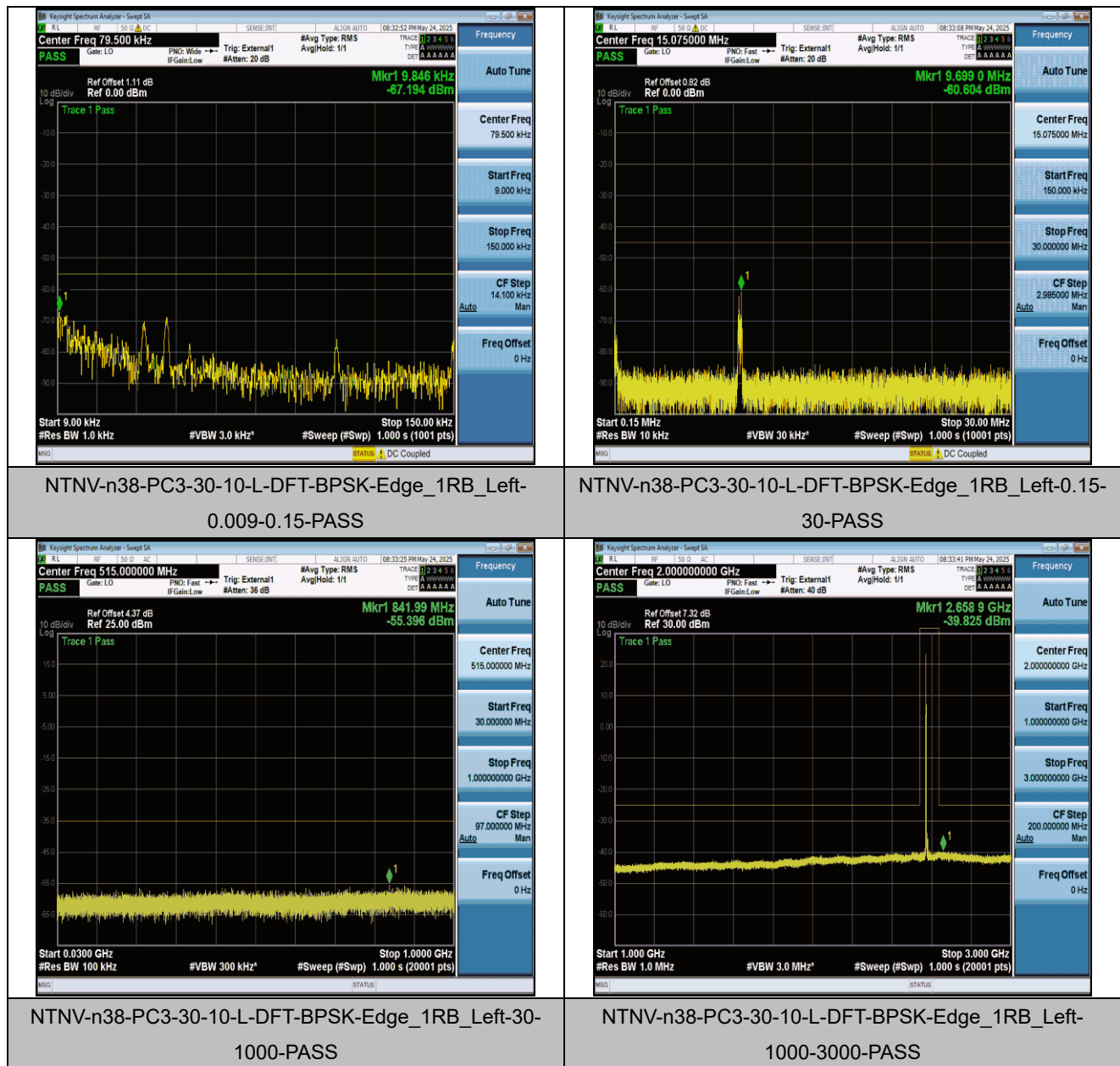


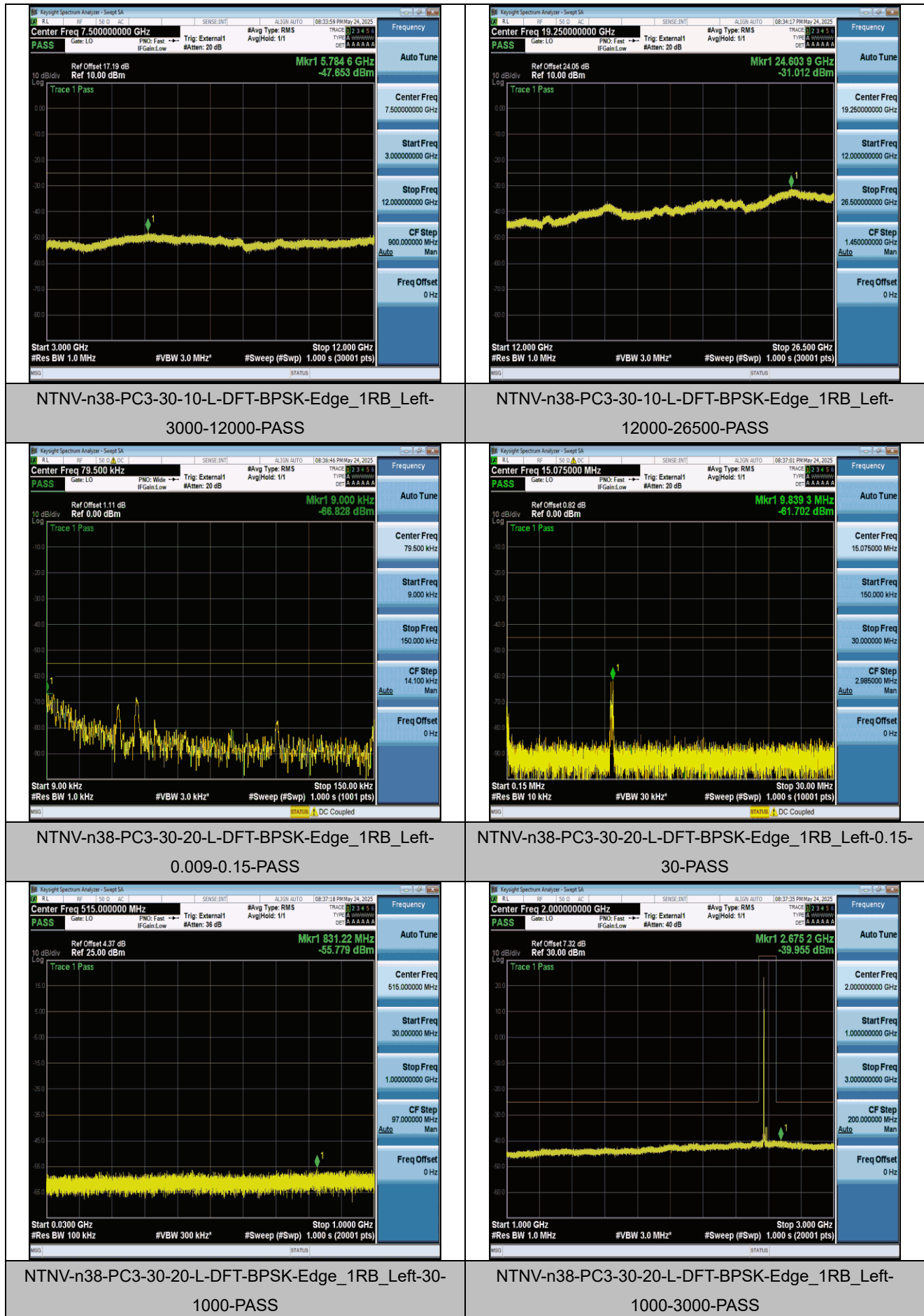
NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Right-PASS

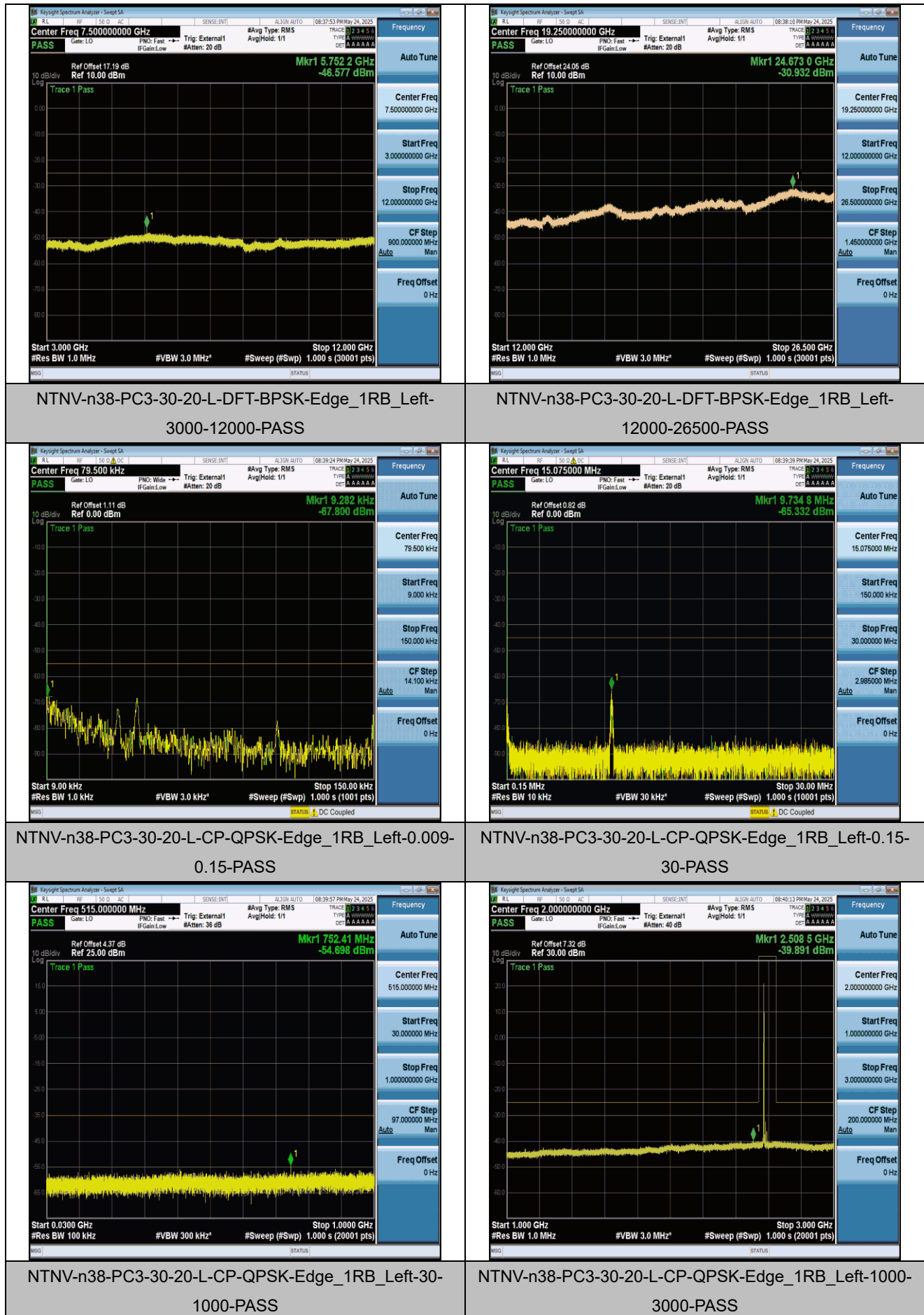
NTNV-n38-PC3-30-20-H-CP-QPSK-Outer_Full-PASS

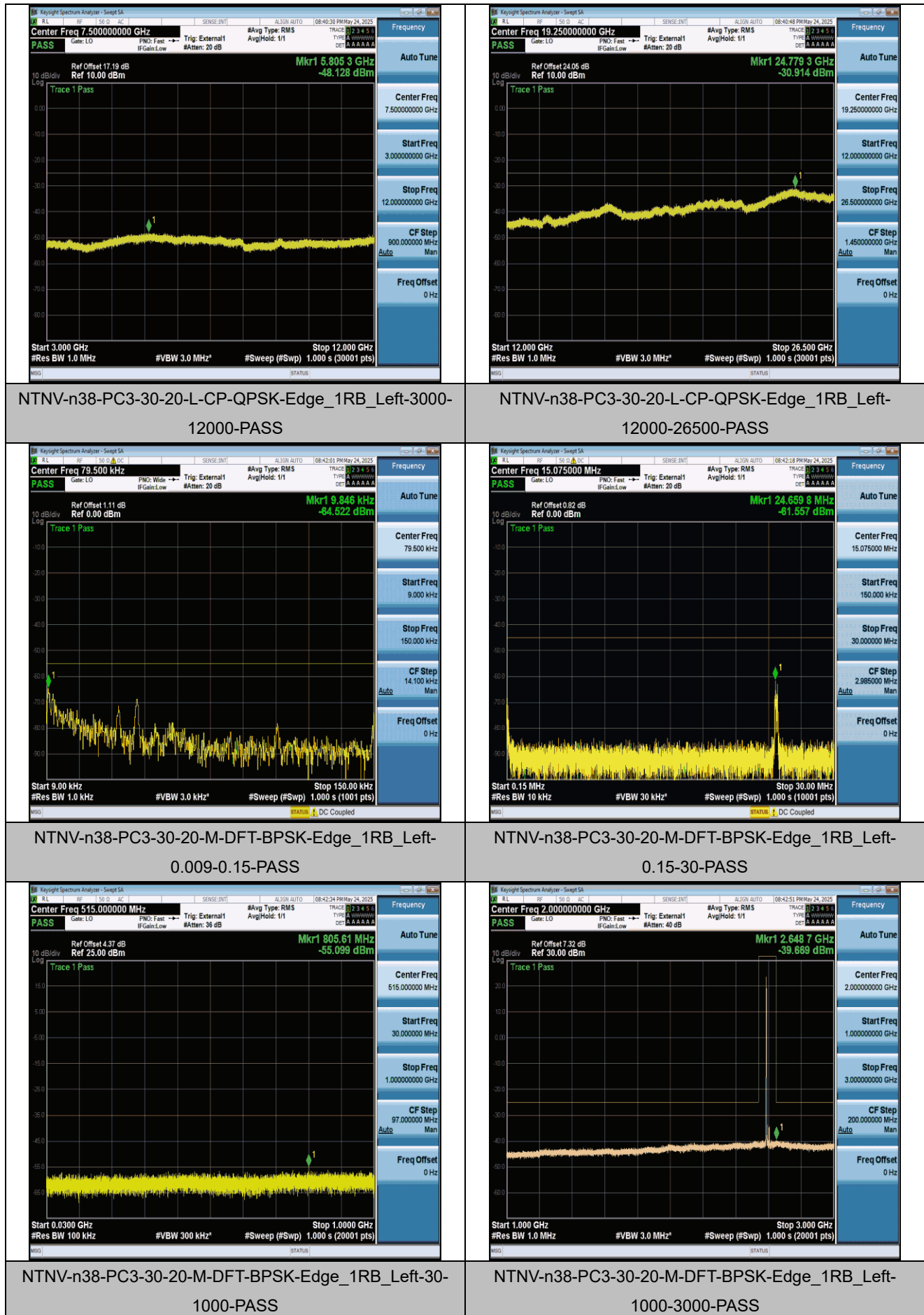
Conducted Spurious Emission for SA

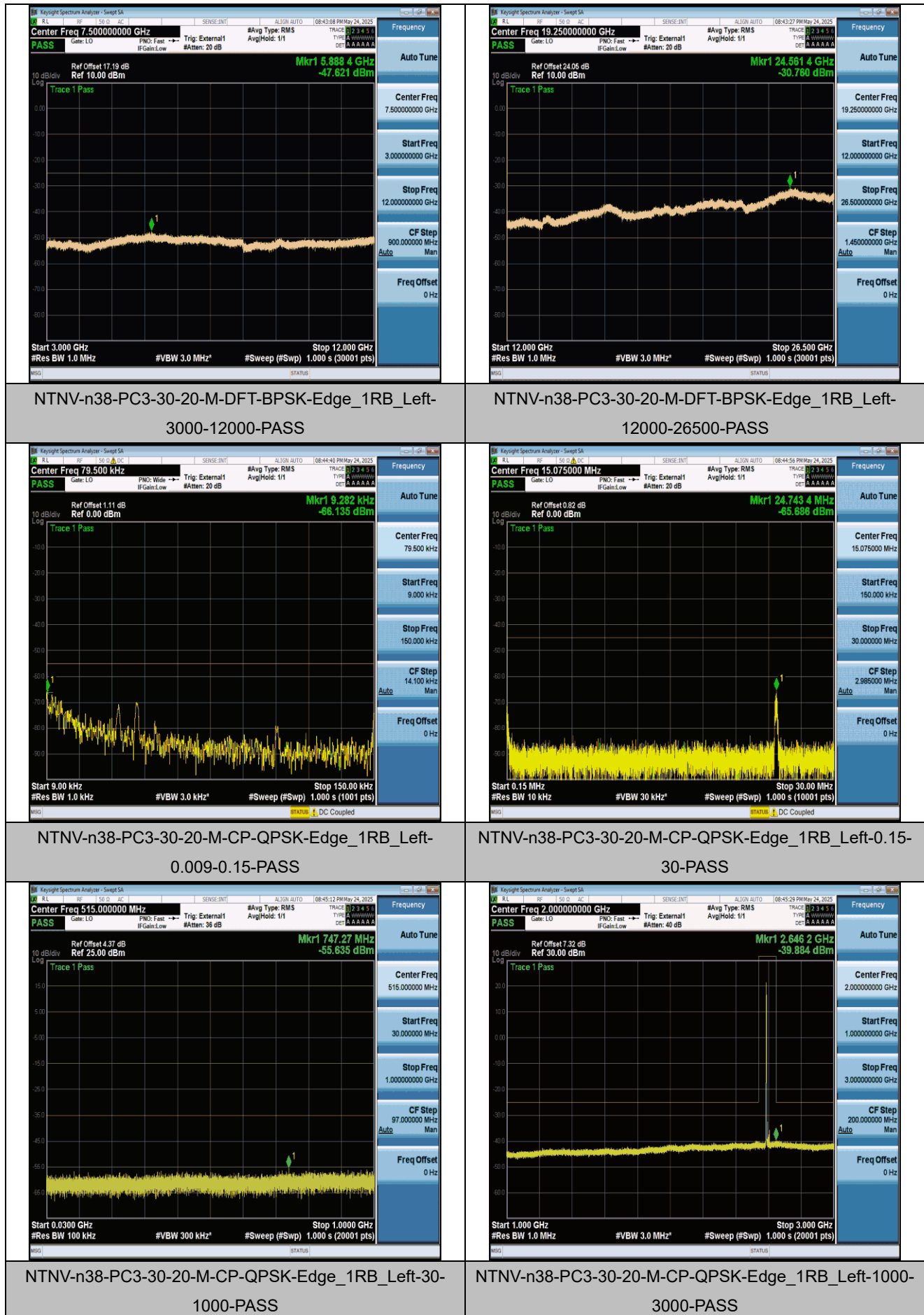
Test Graphs

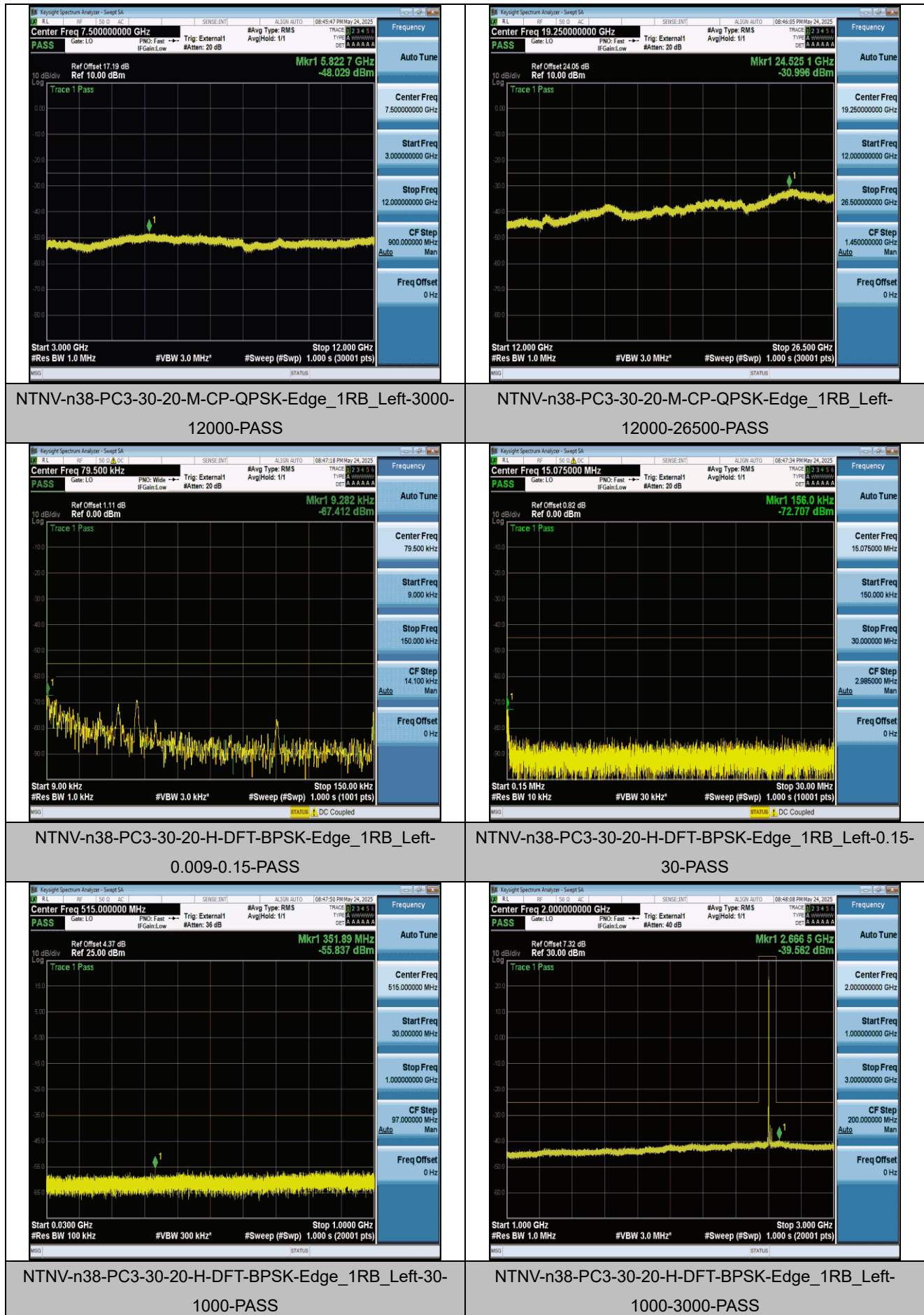


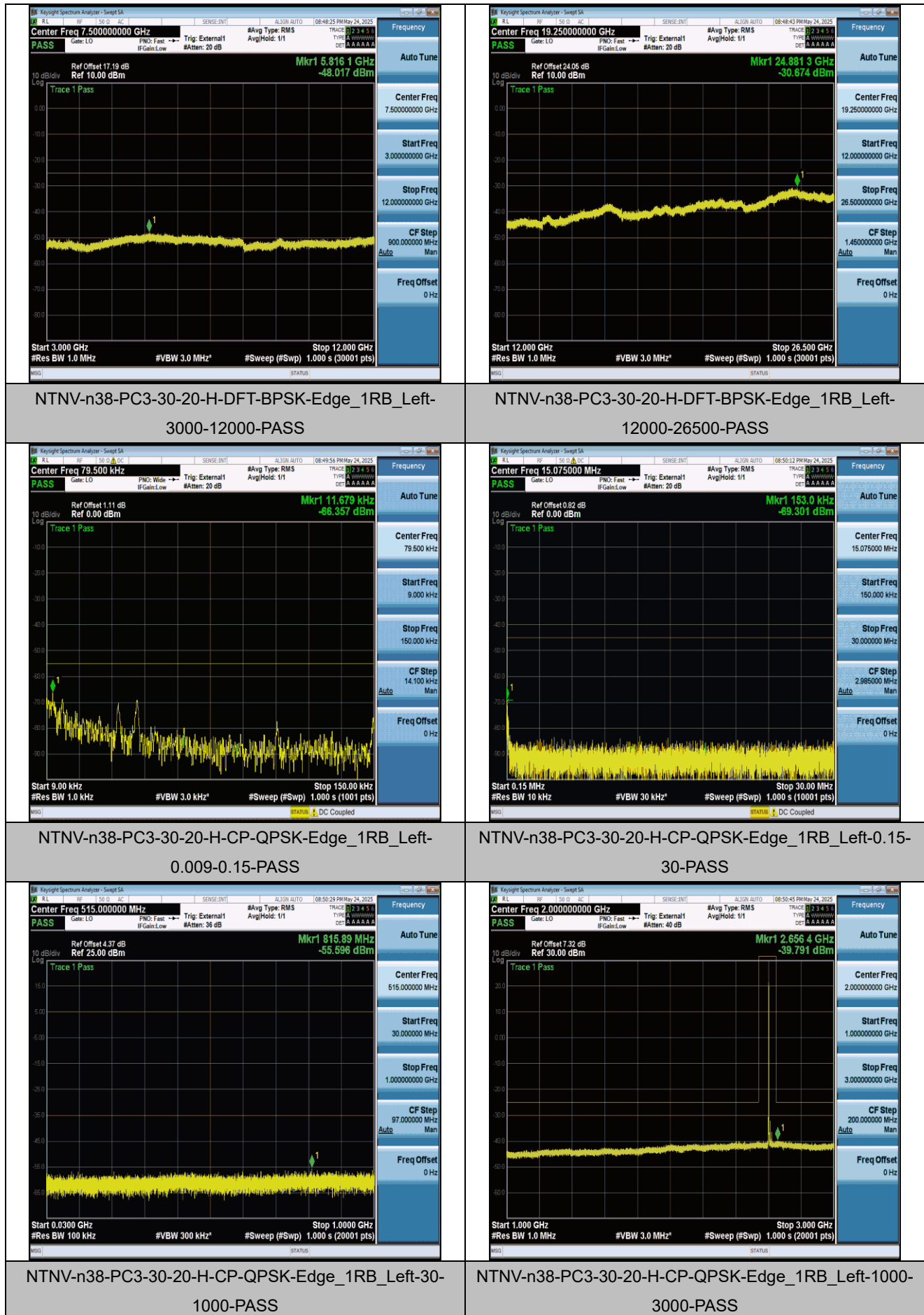


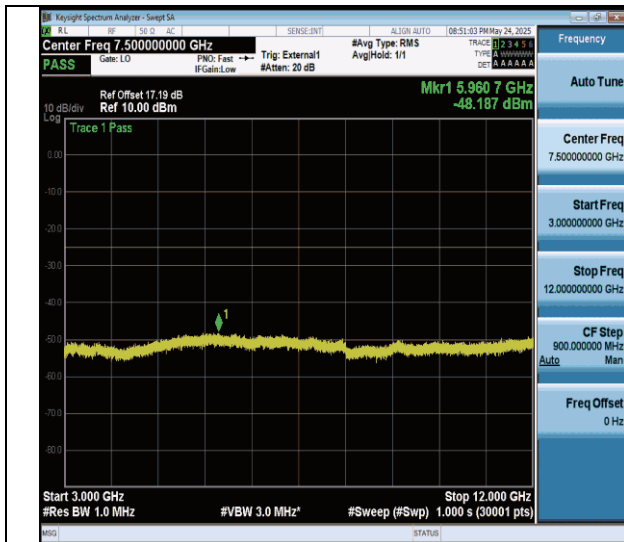












NTNV-n38-PC3-30-20-H-CP-QPSK-Edge_1RB_Left-3000-12000-PASS



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	-8.882	-0.003423	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	VN	NT	-4.616	-0.001779	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	VH	NT	-7.974	-0.003073	PASS
n38	30	20	CP-QPSK	M	Outer_Full	VL	NT	-8.582	-0.003307	PASS
n38	30	20	CP-QPSK	M	Outer_Full	VN	NT	-7.178	-0.002766	PASS
n38	30	20	CP-QPSK	M	Outer_Full	VH	NT	-16.698	-0.006435	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	-4.262	-0.001642	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	-20	-13.879	-0.005348	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	-10	-6	-0.002312	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	0	-10.386	-0.004002	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	10	-5.497	-0.002118	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	20	-7.193	-0.002772	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	30	-5.483	-0.002113	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	40	-6.46	-0.002489	PASS
n38	30	20	DFT-BPSK	M	Outer_Full	NV	50	-11.841	-0.004563	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	-30	-8.116	-0.003128	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	-20	-5.662	-0.002182	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	-10	-4.161	-0.001603	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	0	-10.405	-0.00401	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	10	-10.075	-0.003882	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	20	-4.262	-0.001642	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	30	-9.396	-0.003621	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	40	-10.272	-0.003958	PASS
n38	30	20	CP-QPSK	M	Outer_Full	NV	50	-4.875	-0.001879	PASS

~The End~