

Appendix-B NR Band n30

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	CH	RB Config	Power (dBm)	EIRP (dBm)	Verdict
n30	15	5	DFT-BPSK	L	Inner_1RB_Left	22.14	23.12	PASS
n30	15	5	DFT-BPSK	L	Inner_1RB_Right	22.03	23.01	PASS
n30	15	5	DFT-BPSK	L	Inner_Full	22.62	23.6	PASS
n30	15	5	DFT-BPSK	L	Outer_Full	22.14	23.12	PASS
n30	15	5	DFT-QPSK	L	Inner_1RB_Left	22.03	23.01	PASS
n30	15	5	DFT-QPSK	L	Inner_1RB_Right	22.03	23.01	PASS
n30	15	5	DFT-QPSK	L	Inner_Full	22.7	23.68	PASS
n30	15	5	DFT-QPSK	L	Outer_Full	21.68	22.66	PASS
n30	15	5	DFT-16QAM	L	Inner_1RB_Left	21.33	22.31	PASS
n30	15	5	DFT-16QAM	L	Inner_1RB_Right	21.19	22.17	PASS
n30	15	5	DFT-16QAM	L	Inner_Full	21.58	22.56	PASS
n30	15	5	DFT-16QAM	L	Outer_Full	20.67	21.65	PASS
n30	15	5	DFT-64QAM	L	Inner_1RB_Left	19.83	20.81	PASS
n30	15	5	DFT-64QAM	L	Inner_1RB_Right	19.74	20.72	PASS
n30	15	5	DFT-64QAM	L	Inner_Full	20.17	21.15	PASS
n30	15	5	DFT-64QAM	L	Outer_Full	20.25	21.23	PASS
n30	15	5	DFT-256QAM	L	Inner_1RB_Left	17.99	18.97	PASS
n30	15	5	DFT-256QAM	L	Inner_1RB_Right	18.02	19	PASS
n30	15	5	DFT-256QAM	L	Inner_Full	18.13	19.11	PASS
n30	15	5	DFT-256QAM	L	Outer_Full	18.12	19.1	PASS
n30	15	5	CP-QPSK	L	Inner_1RB_Left	20.54	21.52	PASS
n30	15	5	CP-QPSK	L	Inner_1RB_Right	20.44	21.42	PASS
n30	15	5	CP-QPSK	L	Inner_Full	21.07	22.05	PASS
n30	15	5	CP-QPSK	L	Outer_Full	19.64	20.62	PASS
n30	15	5	CP-16QAM	L	Inner_1RB_Left	20.18	21.16	PASS
n30	15	5	CP-16QAM	L	Inner_1RB_Right	20.08	21.06	PASS
n30	15	5	CP-16QAM	L	Inner_Full	20.58	21.56	PASS
n30	15	5	CP-16QAM	L	Outer_Full	19.58	20.56	PASS
n30	15	5	CP-64QAM	L	Inner_1RB_Left	18.71	19.69	PASS
n30	15	5	CP-64QAM	L	Inner_1RB_Right	18.6	19.58	PASS
n30	15	5	CP-64QAM	L	Inner_Full	19.12	20.1	PASS
n30	15	5	CP-64QAM	L	Outer_Full	19.15	20.13	PASS
n30	15	5	CP-256QAM	L	Inner_1RB_Left	16.13	17.11	PASS
n30	15	5	CP-256QAM	L	Inner_1RB_Right	16.11	17.09	PASS
n30	15	5	CP-256QAM	L	Inner_Full	16.06	17.04	PASS
n30	15	5	CP-256QAM	L	Outer_Full	16.05	17.03	PASS

n30	15	5	DFT-BPSK	M	Inner_1RB_Left	22.09	23.07	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Right	22.07	23.05	PASS
n30	15	5	DFT-BPSK	M	Inner_Full	22.71	23.69	PASS
n30	15	5	DFT-BPSK	M	Outer_Full	22.21	23.19	PASS
n30	15	5	DFT-QPSK	M	Inner_1RB_Left	22.12	23.1	PASS
n30	15	5	DFT-QPSK	M	Inner_1RB_Right	22.04	23.02	PASS
n30	15	5	DFT-QPSK	M	Inner_Full	22.75	23.73	PASS
n30	15	5	DFT-QPSK	M	Outer_Full	21.72	22.7	PASS
n30	15	5	DFT-16QAM	M	Inner_1RB_Left	21.29	22.27	PASS
n30	15	5	DFT-16QAM	M	Inner_1RB_Right	21.29	22.27	PASS
n30	15	5	DFT-16QAM	M	Inner_Full	21.64	22.62	PASS
n30	15	5	DFT-16QAM	M	Outer_Full	20.66	21.64	PASS
n30	15	5	DFT-64QAM	M	Inner_1RB_Left	19.85	20.83	PASS
n30	15	5	DFT-64QAM	M	Inner_1RB_Right	19.86	20.84	PASS
n30	15	5	DFT-64QAM	M	Inner_Full	20.24	21.22	PASS
n30	15	5	DFT-64QAM	M	Outer_Full	20.28	21.26	PASS
n30	15	5	DFT-256QAM	M	Inner_1RB_Left	18.12	19.1	PASS
n30	15	5	DFT-256QAM	M	Inner_1RB_Right	18.13	19.11	PASS
n30	15	5	DFT-256QAM	M	Inner_Full	18.18	19.16	PASS
n30	15	5	DFT-256QAM	M	Outer_Full	18.17	19.15	PASS
n30	15	5	CP-QPSK	M	Inner_1RB_Left	20.55	21.53	PASS
n30	15	5	CP-QPSK	M	Inner_1RB_Right	20.56	21.54	PASS
n30	15	5	CP-QPSK	M	Inner_Full	21.13	22.11	PASS
n30	15	5	CP-QPSK	M	Outer_Full	19.69	20.67	PASS
n30	15	5	CP-16QAM	M	Inner_1RB_Left	20.22	21.2	PASS
n30	15	5	CP-16QAM	M	Inner_1RB_Right	20.16	21.14	PASS
n30	15	5	CP-16QAM	M	Inner_Full	20.64	21.62	PASS
n30	15	5	CP-16QAM	M	Outer_Full	19.63	20.61	PASS
n30	15	5	CP-64QAM	M	Inner_1RB_Left	18.72	19.7	PASS
n30	15	5	CP-64QAM	M	Inner_1RB_Right	18.69	19.67	PASS
n30	15	5	CP-64QAM	M	Inner_Full	19.17	20.15	PASS
n30	15	5	CP-64QAM	M	Outer_Full	19.22	20.2	PASS
n30	15	5	CP-256QAM	M	Inner_1RB_Left	16.16	17.14	PASS
n30	15	5	CP-256QAM	M	Inner_1RB_Right	16.08	17.06	PASS
n30	15	5	CP-256QAM	M	Inner_Full	16.11	17.09	PASS
n30	15	5	CP-256QAM	M	Outer_Full	16.07	17.05	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Left	22.19	23.17	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Right	22.14	23.12	PASS
n30	15	5	DFT-BPSK	H	Inner_Full	22.68	23.66	PASS
n30	15	5	DFT-BPSK	H	Outer_Full	22.25	23.23	PASS
n30	15	5	DFT-QPSK	H	Inner_1RB_Left	22.1	23.08	PASS
n30	15	5	DFT-QPSK	H	Inner_1RB_Right	22.09	23.07	PASS
n30	15	5	DFT-QPSK	H	Inner_Full	22.82	23.8	PASS
n30	15	5	DFT-QPSK	H	Outer_Full	21.75	22.73	PASS

n30	15	5	DFT-16QAM	H	Inner_1RB_Left	21.38	22.36	PASS
n30	15	5	DFT-16QAM	H	Inner_1RB_Right	21.4	22.38	PASS
n30	15	5	DFT-16QAM	H	Inner_Full	21.7	22.68	PASS
n30	15	5	DFT-16QAM	H	Outer_Full	20.74	21.72	PASS
n30	15	5	DFT-64QAM	H	Inner_1RB_Left	19.89	20.87	PASS
n30	15	5	DFT-64QAM	H	Inner_1RB_Right	19.92	20.9	PASS
n30	15	5	DFT-64QAM	H	Inner_Full	20.28	21.26	PASS
n30	15	5	DFT-64QAM	H	Outer_Full	20.38	21.36	PASS
n30	15	5	DFT-256QAM	H	Inner_1RB_Left	18.18	19.16	PASS
n30	15	5	DFT-256QAM	H	Inner_1RB_Right	18.25	19.23	PASS
n30	15	5	DFT-256QAM	H	Inner_Full	18.21	19.19	PASS
n30	15	5	DFT-256QAM	H	Outer_Full	18.22	19.2	PASS
n30	15	5	CP-QPSK	H	Inner_1RB_Left	20.59	21.57	PASS
n30	15	5	CP-QPSK	H	Inner_1RB_Right	20.57	21.55	PASS
n30	15	5	CP-QPSK	H	Inner_Full	21.14	22.12	PASS
n30	15	5	CP-QPSK	H	Outer_Full	19.8	20.78	PASS
n30	15	5	CP-16QAM	H	Inner_1RB_Left	20.22	21.2	PASS
n30	15	5	CP-16QAM	H	Inner_1RB_Right	20.21	21.19	PASS
n30	15	5	CP-16QAM	H	Inner_Full	20.73	21.71	PASS
n30	15	5	CP-16QAM	H	Outer_Full	19.66	20.64	PASS
n30	15	5	CP-64QAM	H	Inner_1RB_Left	18.73	19.71	PASS
n30	15	5	CP-64QAM	H	Inner_1RB_Right	18.73	19.71	PASS
n30	15	5	CP-64QAM	H	Inner_Full	19.25	20.23	PASS
n30	15	5	CP-64QAM	H	Outer_Full	19.26	20.24	PASS
n30	15	5	CP-256QAM	H	Inner_1RB_Left	16.19	17.17	PASS
n30	15	5	CP-256QAM	H	Inner_1RB_Right	16.21	17.19	PASS
n30	15	5	CP-256QAM	H	Inner_Full	16.17	17.15	PASS
n30	15	5	CP-256QAM	H	Outer_Full	16.15	17.13	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Left	22.2	23.18	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Right	22.06	23.04	PASS
n30	15	10	DFT-BPSK	M	Inner_Full	22.67	23.65	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	22.21	23.19	PASS
n30	15	10	DFT-QPSK	M	Inner_1RB_Left	22.08	23.06	PASS
n30	15	10	DFT-QPSK	M	Inner_1RB_Right	21.97	22.95	PASS
n30	15	10	DFT-QPSK	M	Inner_Full	22.69	23.67	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	21.7	22.68	PASS
n30	15	10	DFT-16QAM	M	Inner_1RB_Left	21.19	22.17	PASS
n30	15	10	DFT-16QAM	M	Inner_1RB_Right	21.15	22.13	PASS
n30	15	10	DFT-16QAM	M	Inner_Full	21.71	22.69	PASS
n30	15	10	DFT-16QAM	M	Outer_Full	20.73	21.71	PASS
n30	15	10	DFT-64QAM	M	Inner_1RB_Left	19.87	20.85	PASS
n30	15	10	DFT-64QAM	M	Inner_1RB_Right	19.83	20.81	PASS
n30	15	10	DFT-64QAM	M	Inner_Full	20.24	21.22	PASS
n30	15	10	DFT-64QAM	M	Outer_Full	20.2	21.18	PASS

n30	15	10	DFT-256QAM	M	Inner_1RB_Left	18.21	19.19	PASS
n30	15	10	DFT-256QAM	M	Inner_1RB_Right	18.16	19.14	PASS
n30	15	10	DFT-256QAM	M	Inner_Full	18.17	19.15	PASS
n30	15	10	DFT-256QAM	M	Outer_Full	18.21	19.19	PASS

Maximum EIRP and Maximum PSD

Test Result

Band	SCS	BW	Modulation	Channel	RB Config	Result (dBm/5MHz)	EIRP (dBm/5MHz)	Limit (dBm/5MHz)	Verdict
n30	15	5	DFT-BPSK	L	Edge_1RB_Left	21.92	22.9	23.98	PASS
n30	15	5	DFT-BPSK	L	Inner_1RB_Left	22.38	23.36	23.98	PASS
n30	15	5	DFT-BPSK	L	Inner_1RB_Right	22.37	23.35	23.98	PASS
n30	15	5	DFT-BPSK	L	Edge_1RB_Right	21.89	22.87	23.98	PASS
n30	15	5	DFT-BPSK	L	Inner_Full	22.78	23.76	23.98	PASS
n30	15	5	DFT-BPSK	L	Outer_Full	21.88	22.86	23.98	PASS
n30	15	5	CP-QPSK	L	Edge_1RB_Left	19.66	20.64	23.98	PASS
n30	15	5	CP-QPSK	L	Inner_1RB_Left	20.95	21.93	23.98	PASS
n30	15	5	CP-QPSK	L	Inner_1RB_Right	20.98	21.96	23.98	PASS
n30	15	5	CP-QPSK	L	Edge_1RB_Right	19.45	20.43	23.98	PASS
n30	15	5	CP-QPSK	L	Inner_Full	21.31	22.29	23.98	PASS
n30	15	5	CP-QPSK	L	Outer_Full	19.47	20.45	23.98	PASS
n30	15	5	DFT-BPSK	M	Edge_1RB_Left	21.85	22.83	23.98	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Left	22.34	23.32	23.98	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Right	22.34	23.32	23.98	PASS
n30	15	5	DFT-BPSK	M	Edge_1RB_Right	21.83	22.81	23.98	PASS
n30	15	5	DFT-BPSK	M	Inner_Full	22.8	23.78	23.98	PASS
n30	15	5	DFT-BPSK	M	Outer_Full	21.85	22.83	23.98	PASS
n30	15	5	CP-QPSK	M	Edge_1RB_Left	19.45	20.43	23.98	PASS
n30	15	5	CP-QPSK	M	Inner_1RB_Left	20.97	21.95	23.98	PASS
n30	15	5	CP-QPSK	M	Inner_1RB_Right	20.92	21.9	23.98	PASS
n30	15	5	CP-QPSK	M	Edge_1RB_Right	19.43	20.41	23.98	PASS
n30	15	5	CP-QPSK	M	Inner_Full	21.25	22.23	23.98	PASS
n30	15	5	CP-QPSK	M	Outer_Full	19.4	20.38	23.98	PASS
n30	15	5	DFT-BPSK	H	Edge_1RB_Left	21.85	22.83	23.98	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Left	22.39	23.37	23.98	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Right	22.28	23.26	23.98	PASS
n30	15	5	DFT-BPSK	H	Edge_1RB_Right	21.8	22.78	23.98	PASS
n30	15	5	DFT-BPSK	H	Inner_Full	22.73	23.71	23.98	PASS
n30	15	5	DFT-BPSK	H	Outer_Full	21.82	22.8	23.98	PASS
n30	15	5	CP-QPSK	H	Edge_1RB_Left	19.49	20.47	23.98	PASS
n30	15	5	CP-QPSK	H	Inner_1RB_Left	21.01	21.99	23.98	PASS
n30	15	5	CP-QPSK	H	Inner_1RB_Right	20.96	21.94	23.98	PASS
n30	15	5	CP-QPSK	H	Edge_1RB_Right	19.46	20.44	23.98	PASS
n30	15	5	CP-QPSK	H	Inner_Full	21.24	22.22	23.98	PASS
n30	15	5	CP-QPSK	H	Outer_Full	19.35	20.33	23.98	PASS
n30	15	10	DFT-BPSK	M	Edge_1RB_Left	21.89	22.87	23.98	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Left	22.37	23.35	23.98	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Right	22.37	23.35	23.98	PASS

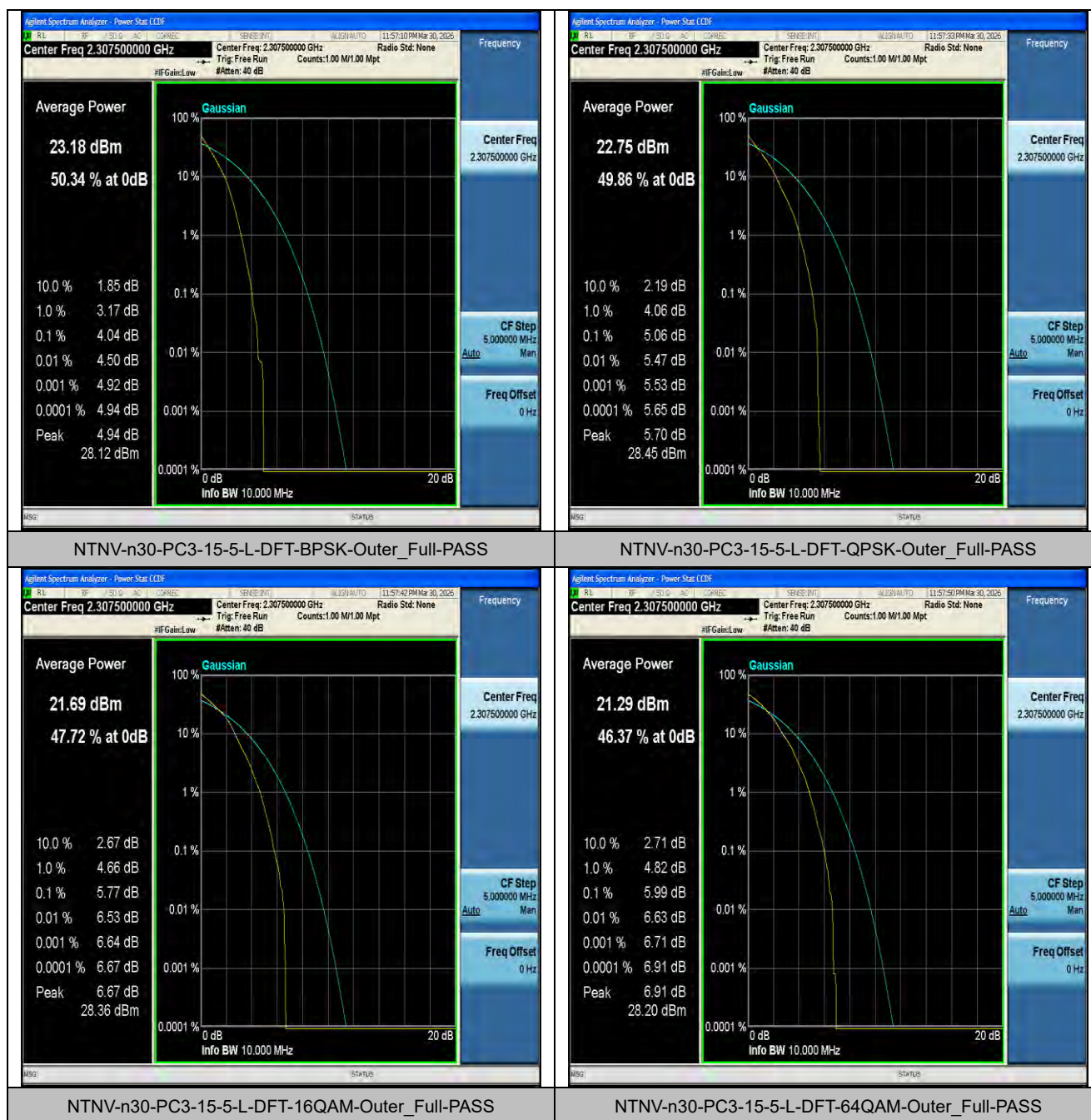
n30	15	10	DFT-BPSK	M	Edge_1RB_Right	21.85	22.83	23.98	PASS
n30	15	10	DFT-BPSK	M	Inner_Full	22.35	23.33	23.98	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	19.77	20.75	23.98	PASS
n30	15	10	CP-QPSK	M	Edge_1RB_Left	19.37	20.35	23.98	PASS
n30	15	10	CP-QPSK	M	Inner_1RB_Left	20.85	21.83	23.98	PASS
n30	15	10	CP-QPSK	M	Inner_1RB_Right	20.92	21.9	23.98	PASS
n30	15	10	CP-QPSK	M	Edge_1RB_Right	19.44	20.42	23.98	PASS
n30	15	10	CP-QPSK	M	Inner_Full	20.83	21.81	23.98	PASS
n30	15	10	CP-QPSK	M	Outer_Full	17.07	18.05	23.98	PASS

Peak-to-Average Ratio for SA

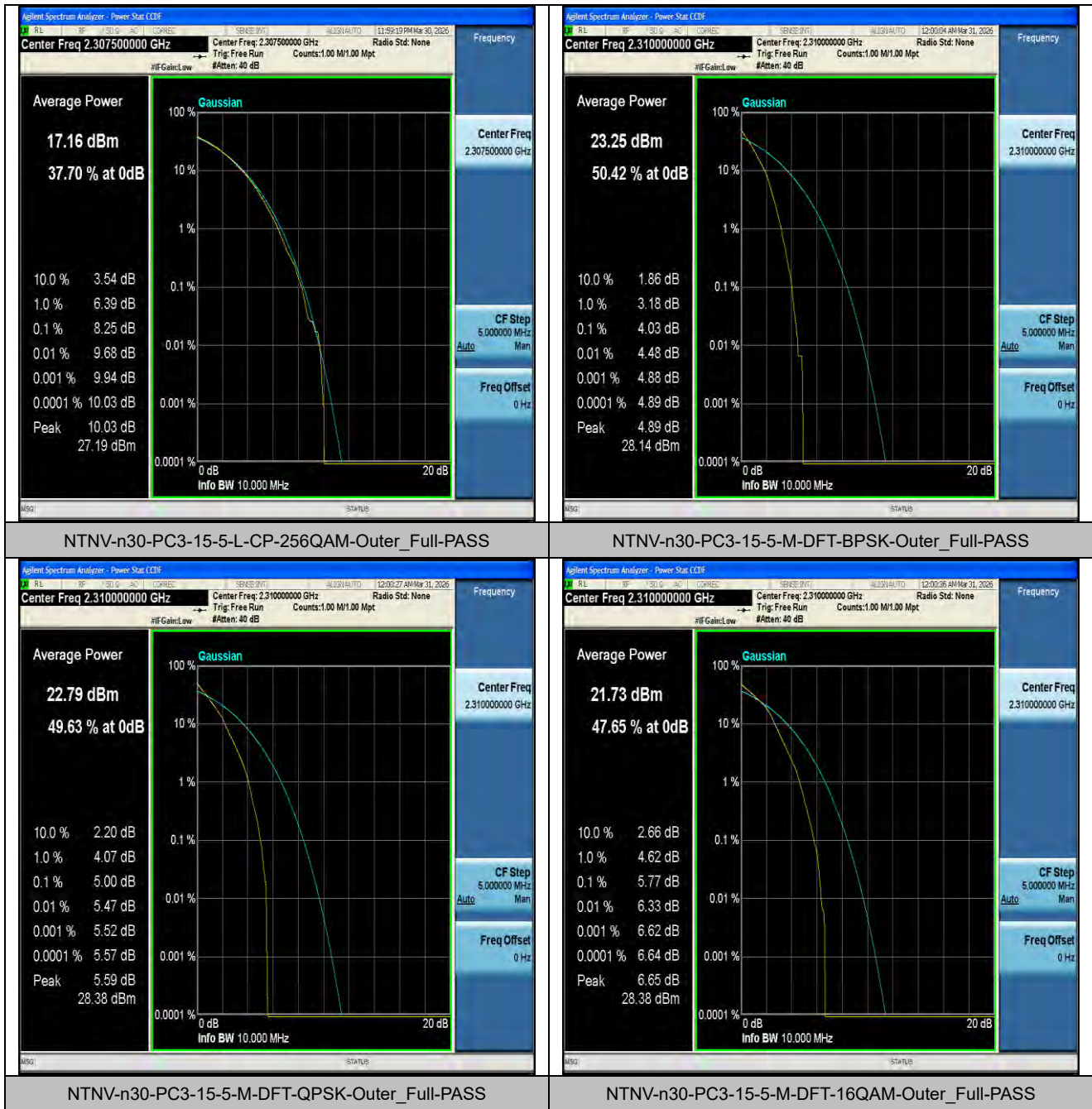
Test Result

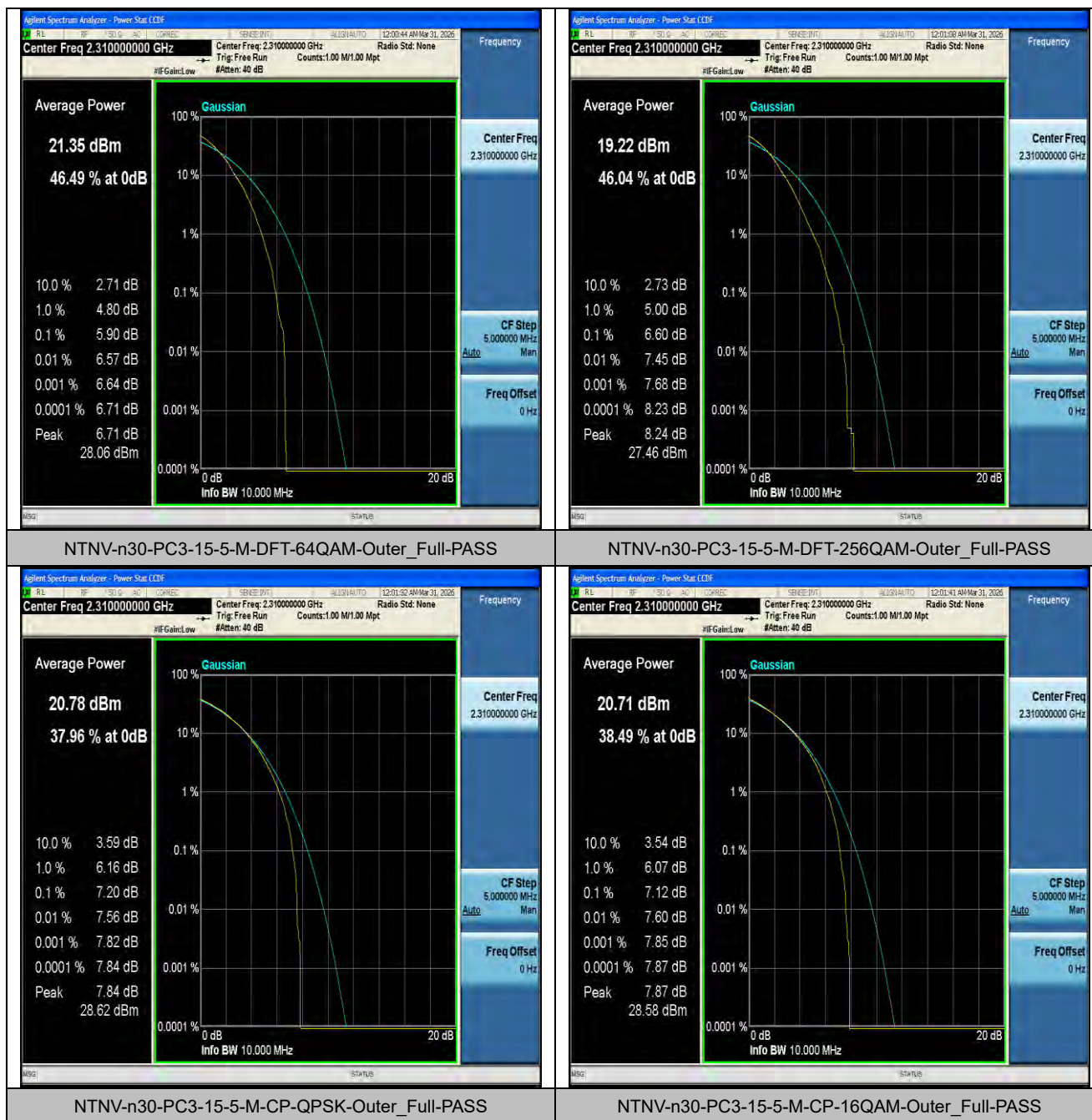
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dB)	Limit (dB)	Verdict
n30	15	5	DFT-BPSK	L	Outer_Full	4.04	≤13	PASS
n30	15	5	DFT-QPSK	L	Outer_Full	5.06	≤13	PASS
n30	15	5	DFT-16QAM	L	Outer_Full	5.77	≤13	PASS
n30	15	5	DFT-64QAM	L	Outer_Full	5.99	≤13	PASS
n30	15	5	DFT-256QAM	L	Outer_Full	6.54	≤13	PASS
n30	15	5	CP-QPSK	L	Outer_Full	7.28	≤13	PASS
n30	15	5	CP-16QAM	L	Outer_Full	7.18	≤13	PASS
n30	15	5	CP-64QAM	L	Outer_Full	7.53	≤13	PASS
n30	15	5	CP-256QAM	L	Outer_Full	8.25	≤13	PASS
n30	15	5	DFT-BPSK	M	Outer_Full	4.03	≤13	PASS
n30	15	5	DFT-QPSK	M	Outer_Full	5	≤13	PASS
n30	15	5	DFT-16QAM	M	Outer_Full	5.77	≤13	PASS
n30	15	5	DFT-64QAM	M	Outer_Full	5.9	≤13	PASS
n30	15	5	DFT-256QAM	M	Outer_Full	6.6	≤13	PASS
n30	15	5	CP-QPSK	M	Outer_Full	7.2	≤13	PASS
n30	15	5	CP-16QAM	M	Outer_Full	7.12	≤13	PASS
n30	15	5	CP-64QAM	M	Outer_Full	7.49	≤13	PASS
n30	15	5	CP-256QAM	M	Outer_Full	8.17	≤13	PASS
n30	15	5	DFT-BPSK	H	Outer_Full	3.95	≤13	PASS
n30	15	5	DFT-QPSK	H	Outer_Full	4.93	≤13	PASS
n30	15	5	DFT-16QAM	H	Outer_Full	5.67	≤13	PASS
n30	15	5	DFT-64QAM	H	Outer_Full	5.83	≤13	PASS
n30	15	5	DFT-256QAM	H	Outer_Full	6.54	≤13	PASS
n30	15	5	CP-QPSK	H	Outer_Full	7.11	≤13	PASS
n30	15	5	CP-16QAM	H	Outer_Full	7.05	≤13	PASS
n30	15	5	CP-64QAM	H	Outer_Full	7.47	≤13	PASS
n30	15	5	CP-256QAM	H	Outer_Full	8.13	≤13	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	4.28	≤13	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	5.2	≤13	PASS
n30	15	10	DFT-16QAM	M	Outer_Full	6.02	≤13	PASS
n30	15	10	DFT-64QAM	M	Outer_Full	6.1	≤13	PASS
n30	15	10	DFT-256QAM	M	Outer_Full	6.37	≤13	PASS
n30	15	10	CP-QPSK	M	Outer_Full	7.56	≤13	PASS
n30	15	10	CP-16QAM	M	Outer_Full	7.61	≤13	PASS
n30	15	10	CP-64QAM	M	Outer_Full	7.8	≤13	PASS
n30	15	10	CP-256QAM	M	Outer_Full	8.27	≤13	PASS

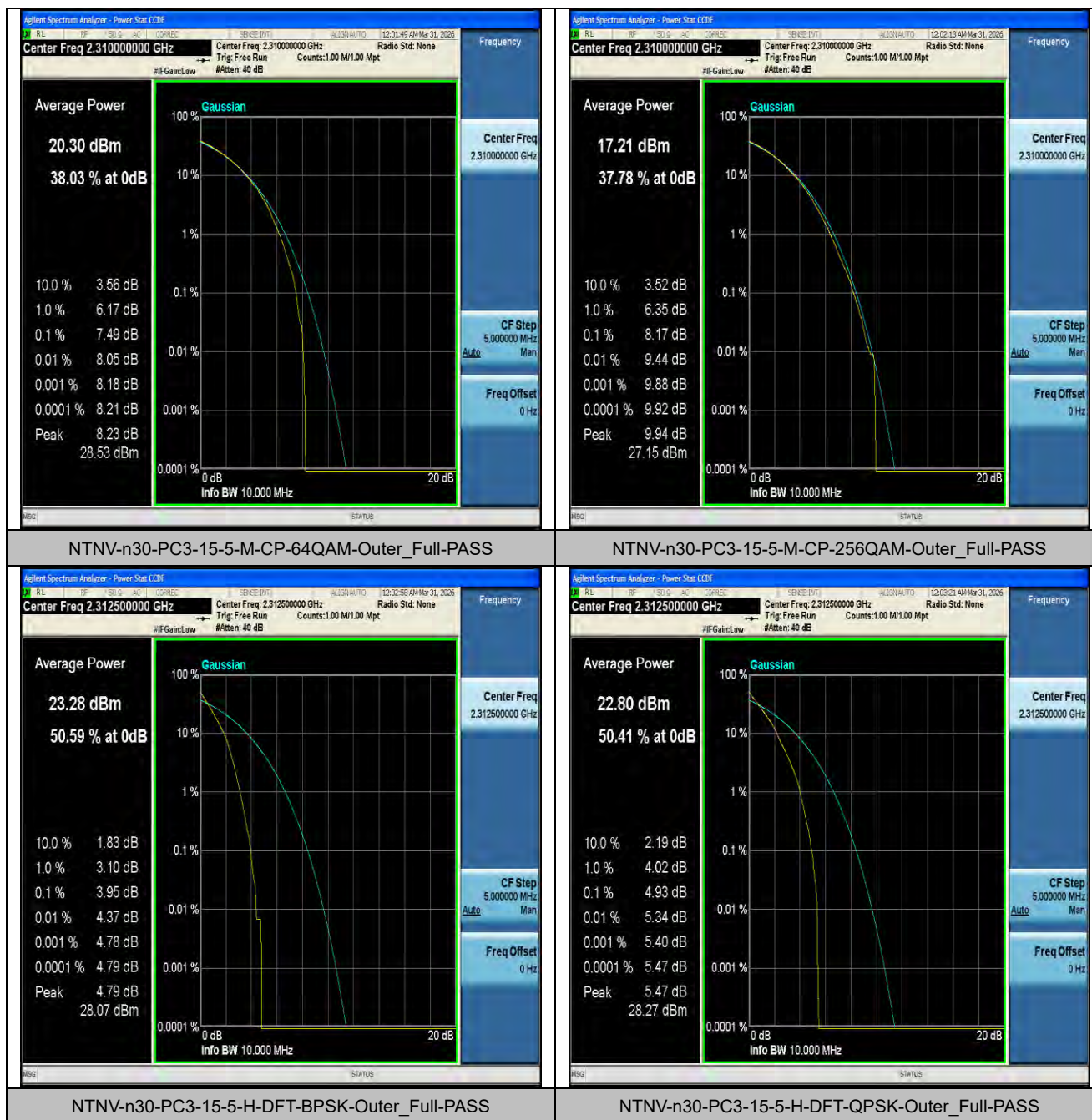
Test Graphs

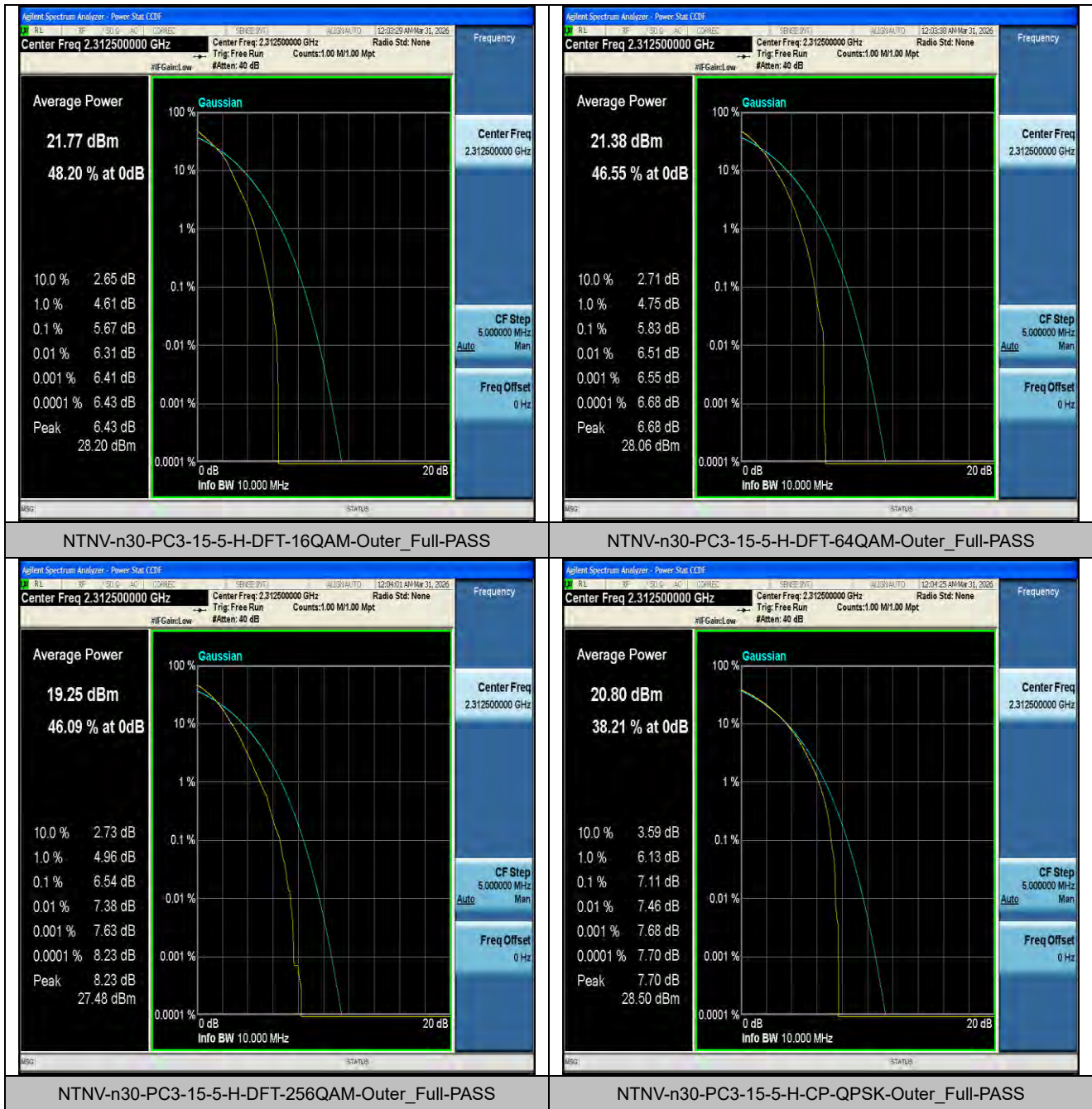


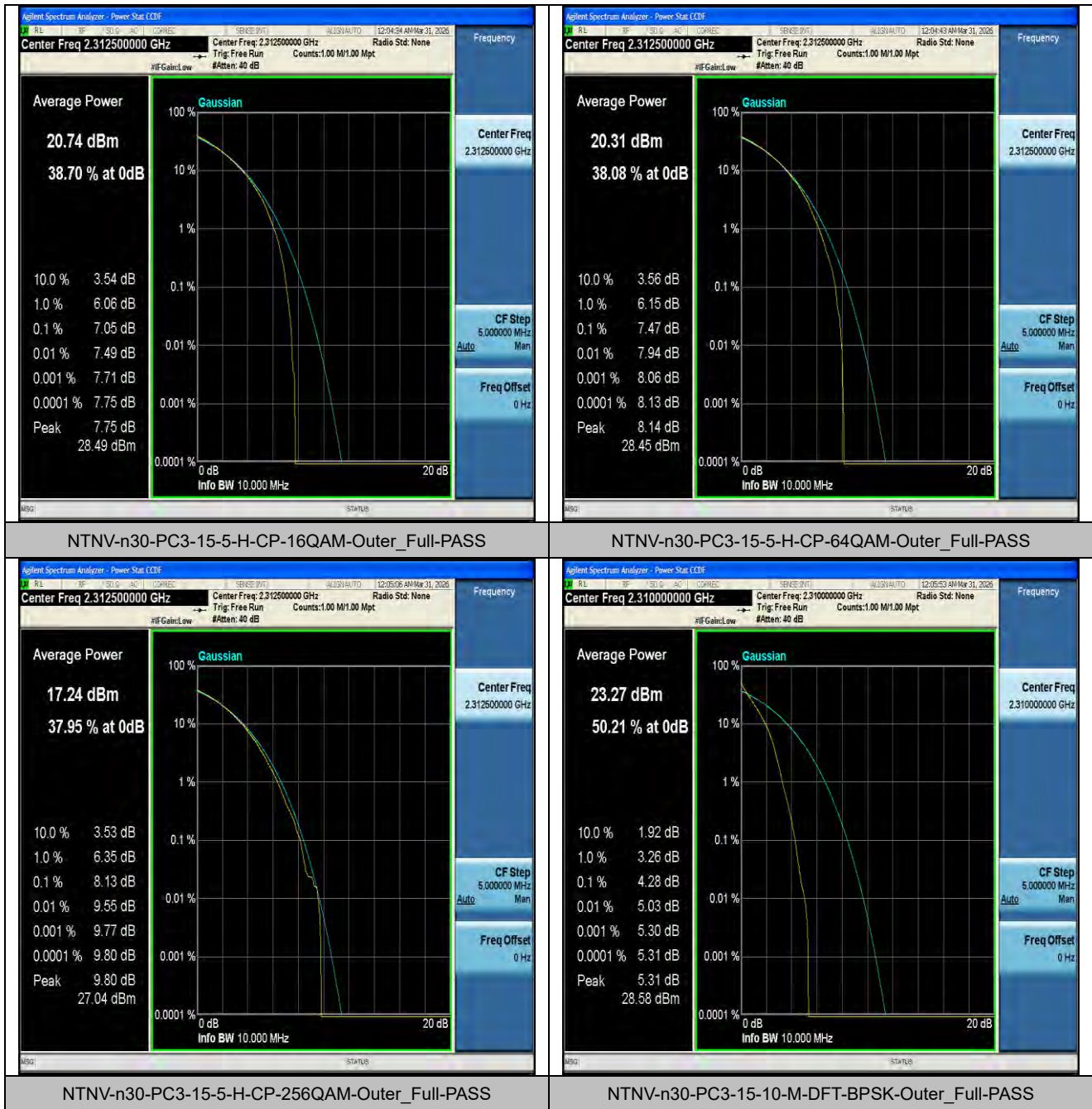


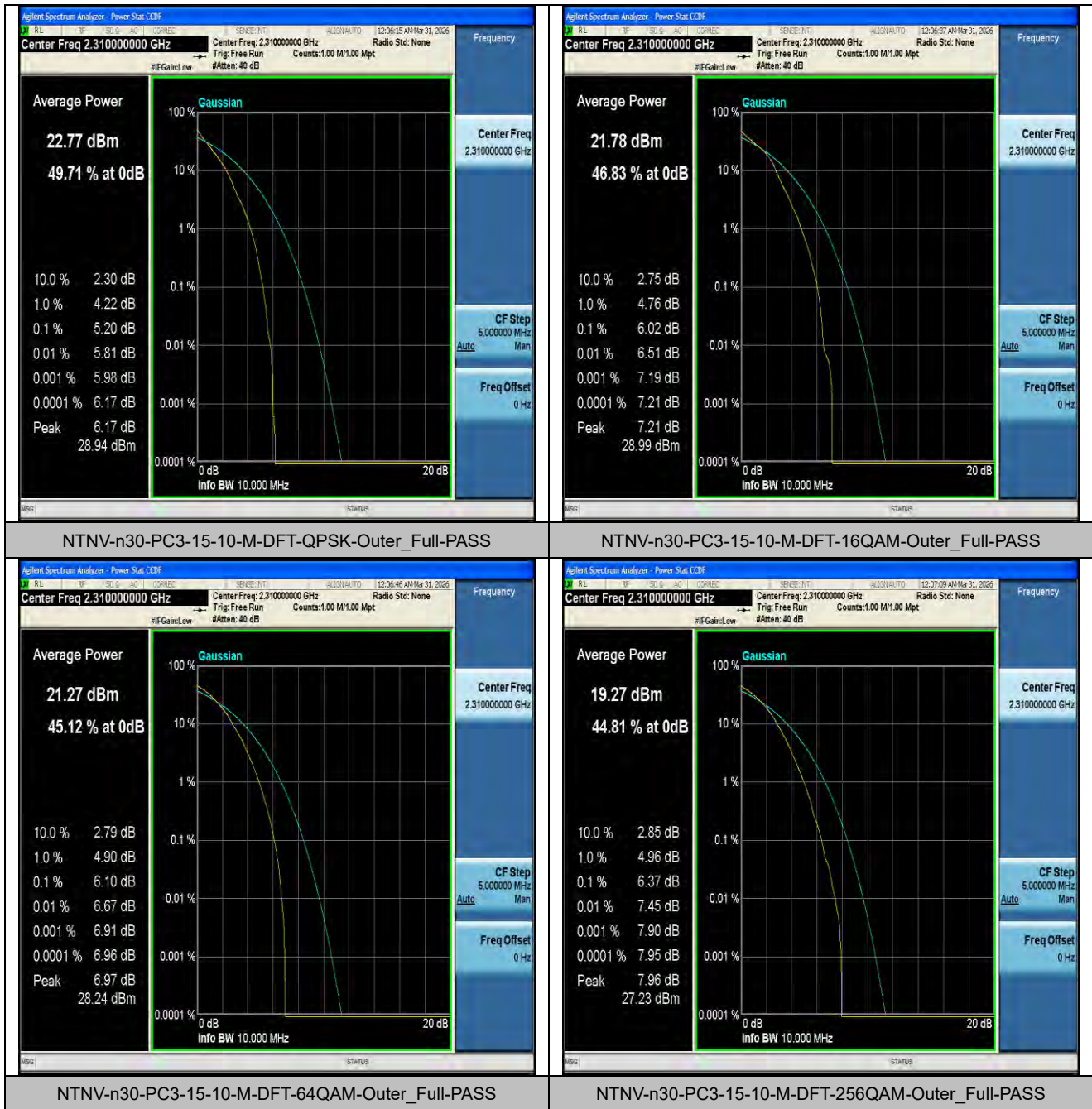


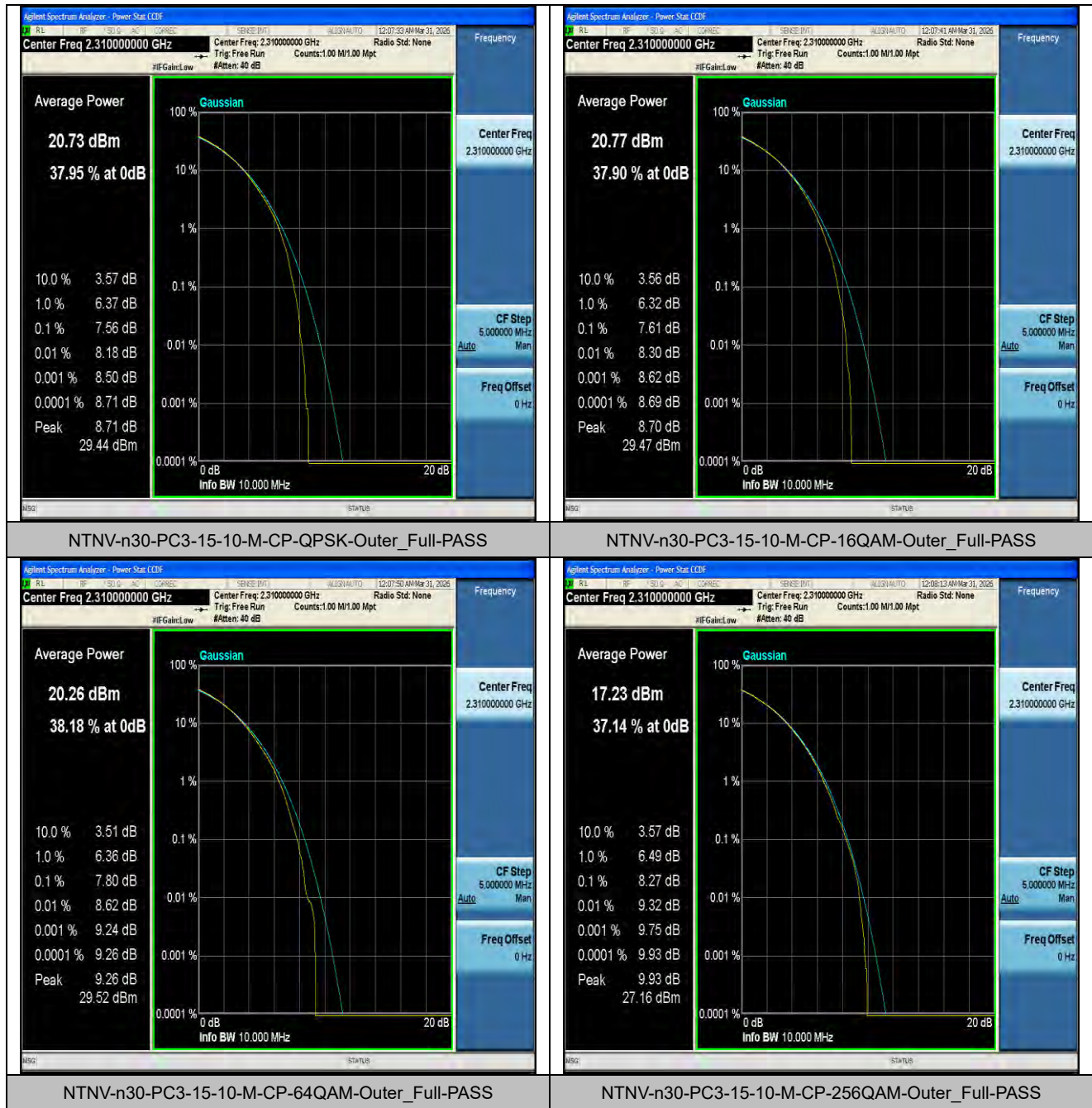








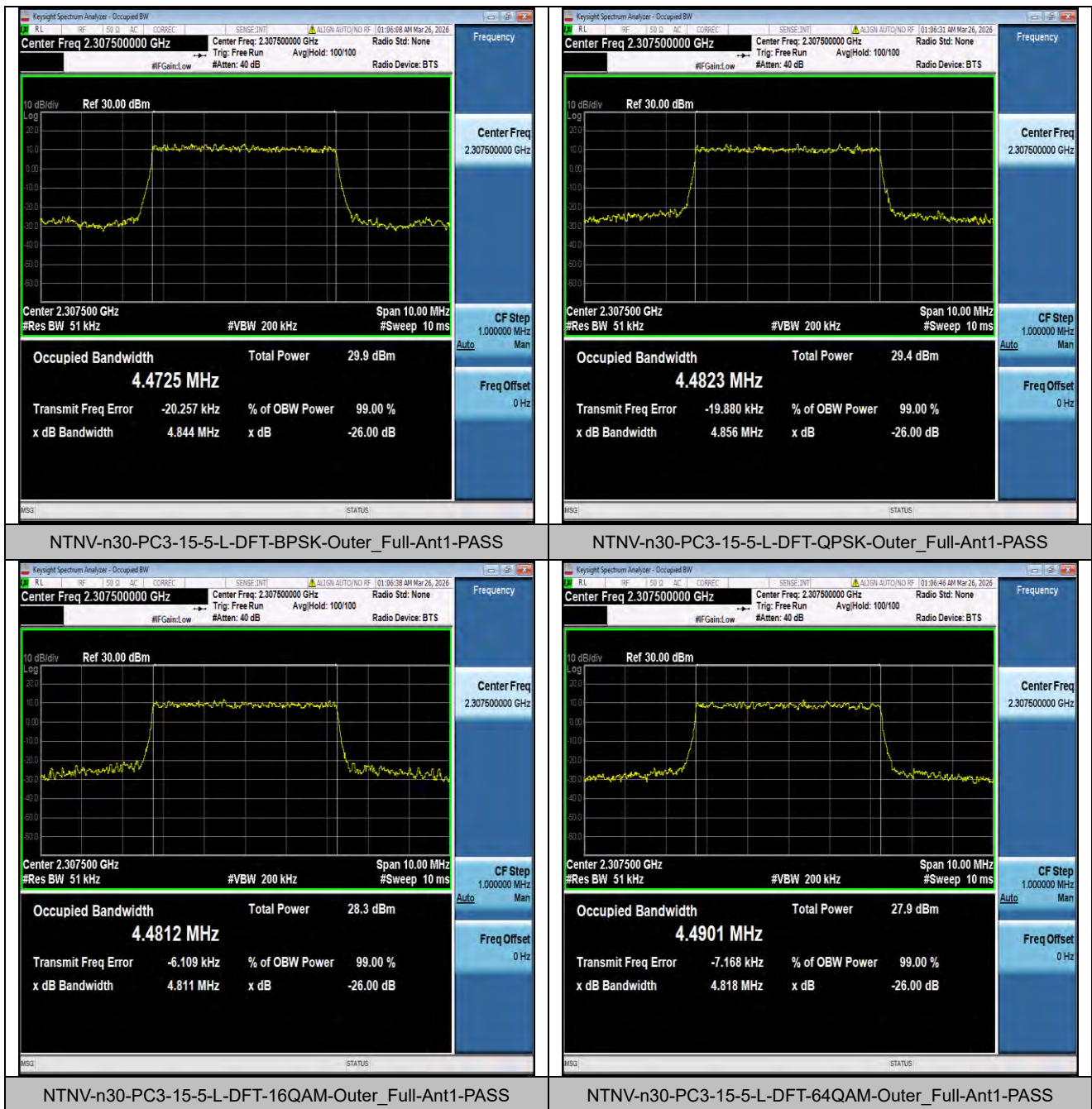


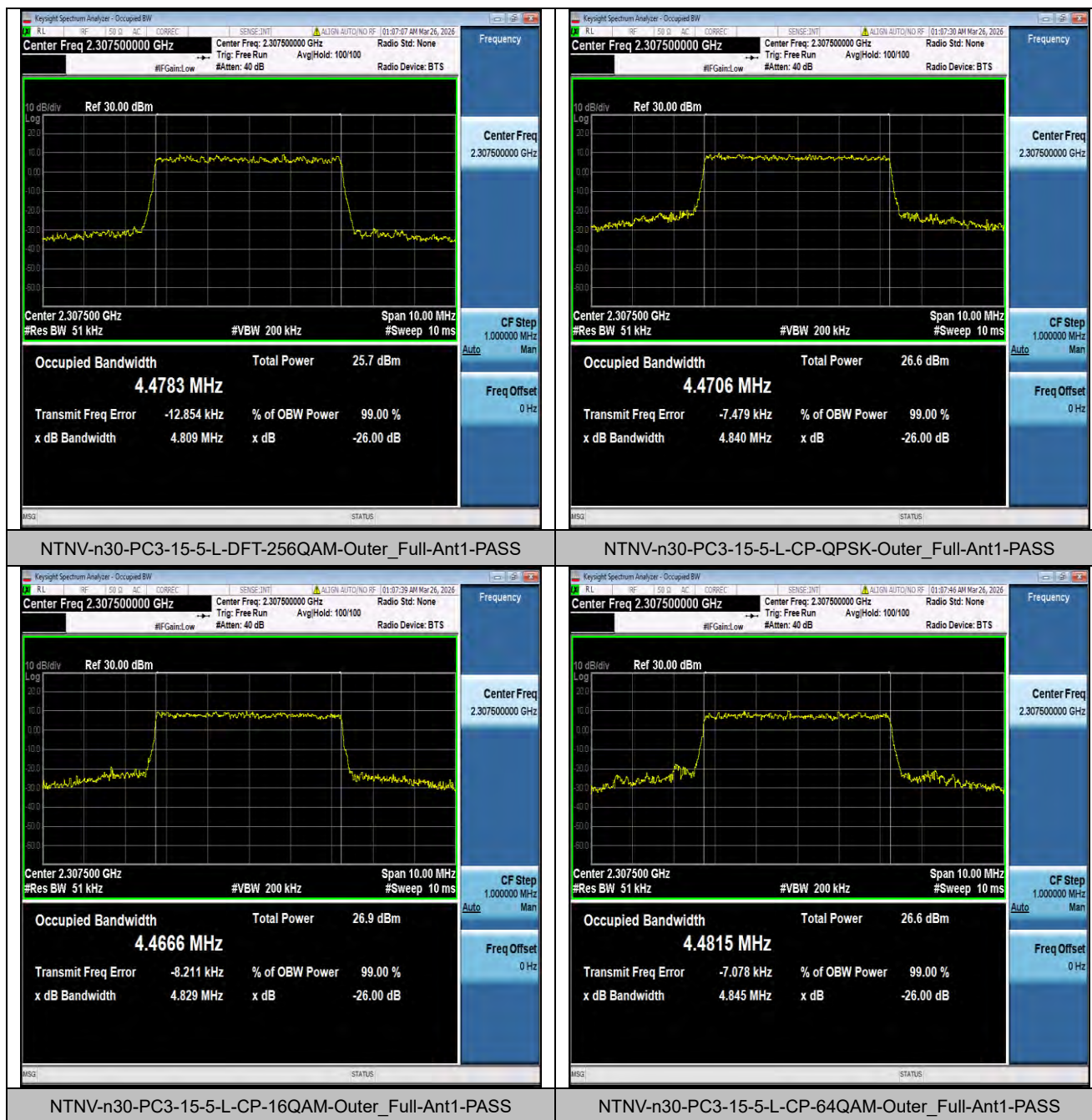


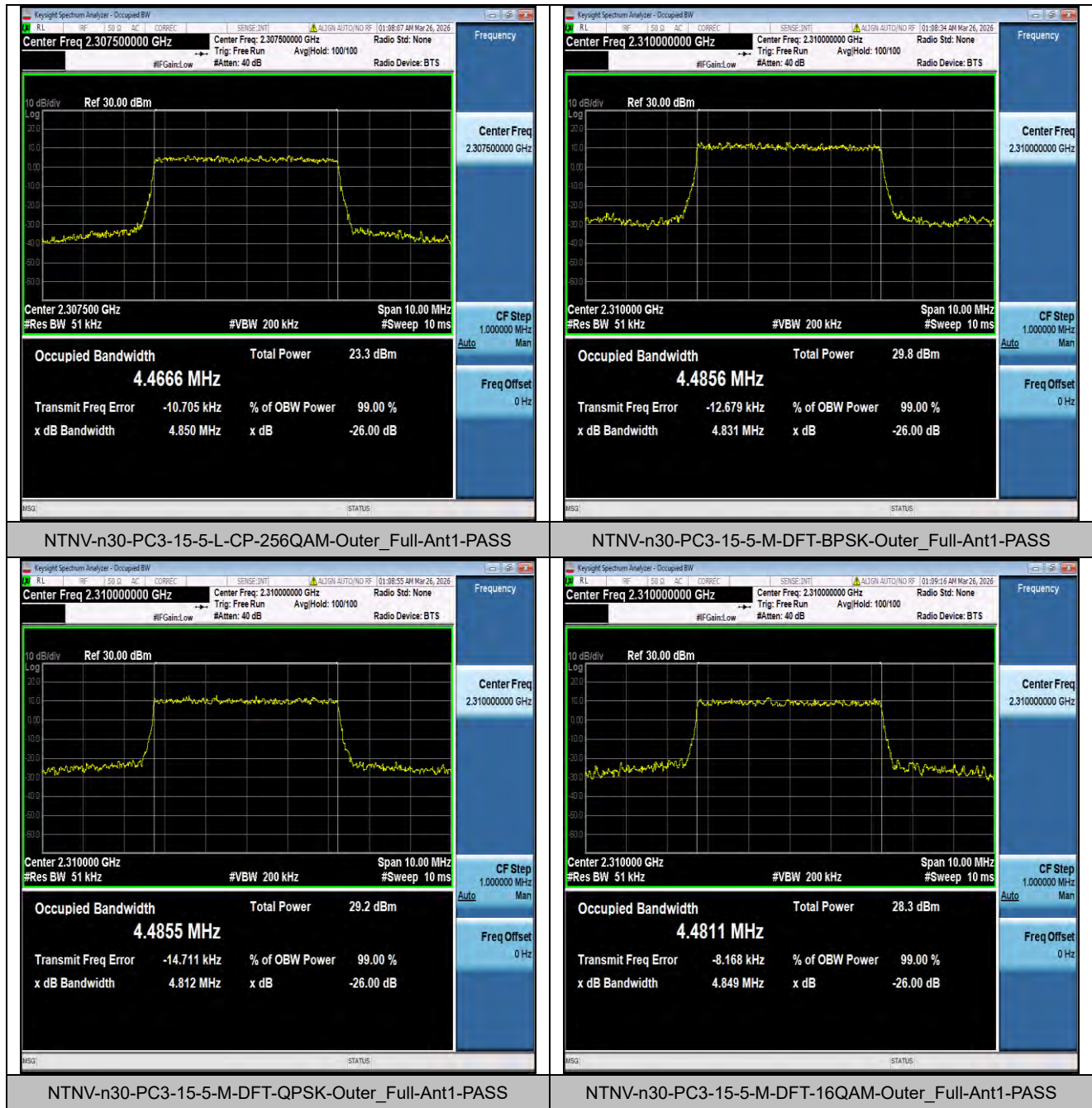
26dB Bandwidth and Occupied Bandwidth for SA**Test Result**

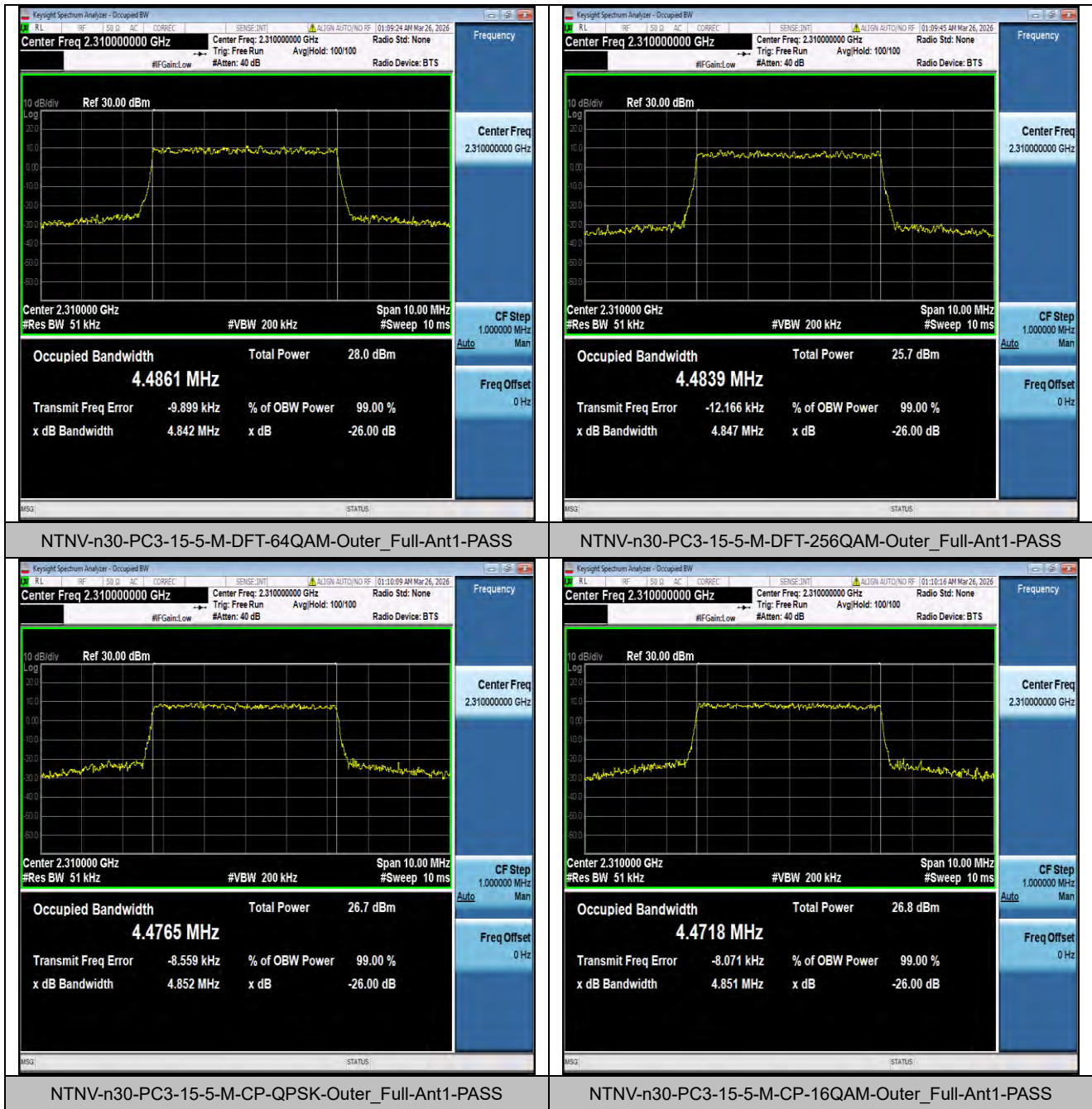
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
n30	15	5	DFT-BPSK	L	Outer_Full	4.4725	4.844	PASS
n30	15	5	DFT-QPSK	L	Outer_Full	4.4823	4.856	PASS
n30	15	5	DFT-16QAM	L	Outer_Full	4.4812	4.811	PASS
n30	15	5	DFT-64QAM	L	Outer_Full	4.4901	4.818	PASS
n30	15	5	DFT-256QAM	L	Outer_Full	4.4783	4.809	PASS
n30	15	5	CP-QPSK	L	Outer_Full	4.4706	4.840	PASS
n30	15	5	CP-16QAM	L	Outer_Full	4.4666	4.829	PASS
n30	15	5	CP-64QAM	L	Outer_Full	4.4815	4.845	PASS
n30	15	5	CP-256QAM	L	Outer_Full	4.4666	4.850	PASS
n30	15	5	DFT-BPSK	M	Outer_Full	4.4856	4.831	PASS
n30	15	5	DFT-QPSK	M	Outer_Full	4.4855	4.812	PASS
n30	15	5	DFT-16QAM	M	Outer_Full	4.4811	4.849	PASS
n30	15	5	DFT-64QAM	M	Outer_Full	4.4861	4.842	PASS
n30	15	5	DFT-256QAM	M	Outer_Full	4.4839	4.847	PASS
n30	15	5	CP-QPSK	M	Outer_Full	4.4765	4.852	PASS
n30	15	5	CP-16QAM	M	Outer_Full	4.4718	4.851	PASS
n30	15	5	CP-64QAM	M	Outer_Full	4.4725	4.849	PASS
n30	15	5	CP-256QAM	M	Outer_Full	4.4698	4.826	PASS
n30	15	5	DFT-BPSK	H	Outer_Full	4.4716	4.819	PASS
n30	15	5	DFT-QPSK	H	Outer_Full	4.4786	4.845	PASS
n30	15	5	DFT-16QAM	H	Outer_Full	4.4871	4.880	PASS
n30	15	5	DFT-64QAM	H	Outer_Full	4.4881	4.849	PASS
n30	15	5	DFT-256QAM	H	Outer_Full	4.4763	4.809	PASS
n30	15	5	CP-QPSK	H	Outer_Full	4.4748	4.847	PASS
n30	15	5	CP-16QAM	H	Outer_Full	4.4720	4.783	PASS
n30	15	5	CP-64QAM	H	Outer_Full	4.4778	4.846	PASS
n30	15	5	CP-256QAM	H	Outer_Full	4.4602	4.807	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	8.9282	9.410	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	8.9237	9.398	PASS
n30	15	10	DFT-16QAM	M	Outer_Full	8.9091	9.359	PASS
n30	15	10	DFT-64QAM	M	Outer_Full	8.9353	9.412	PASS
n30	15	10	DFT-256QAM	M	Outer_Full	8.9137	9.379	PASS
n30	15	10	CP-QPSK	M	Outer_Full	9.2777	9.740	PASS
n30	15	10	CP-16QAM	M	Outer_Full	9.2970	9.768	PASS
n30	15	10	CP-64QAM	M	Outer_Full	9.2878	9.752	PASS
n30	15	10	CP-256QAM	M	Outer_Full	9.2724	9.736	PASS

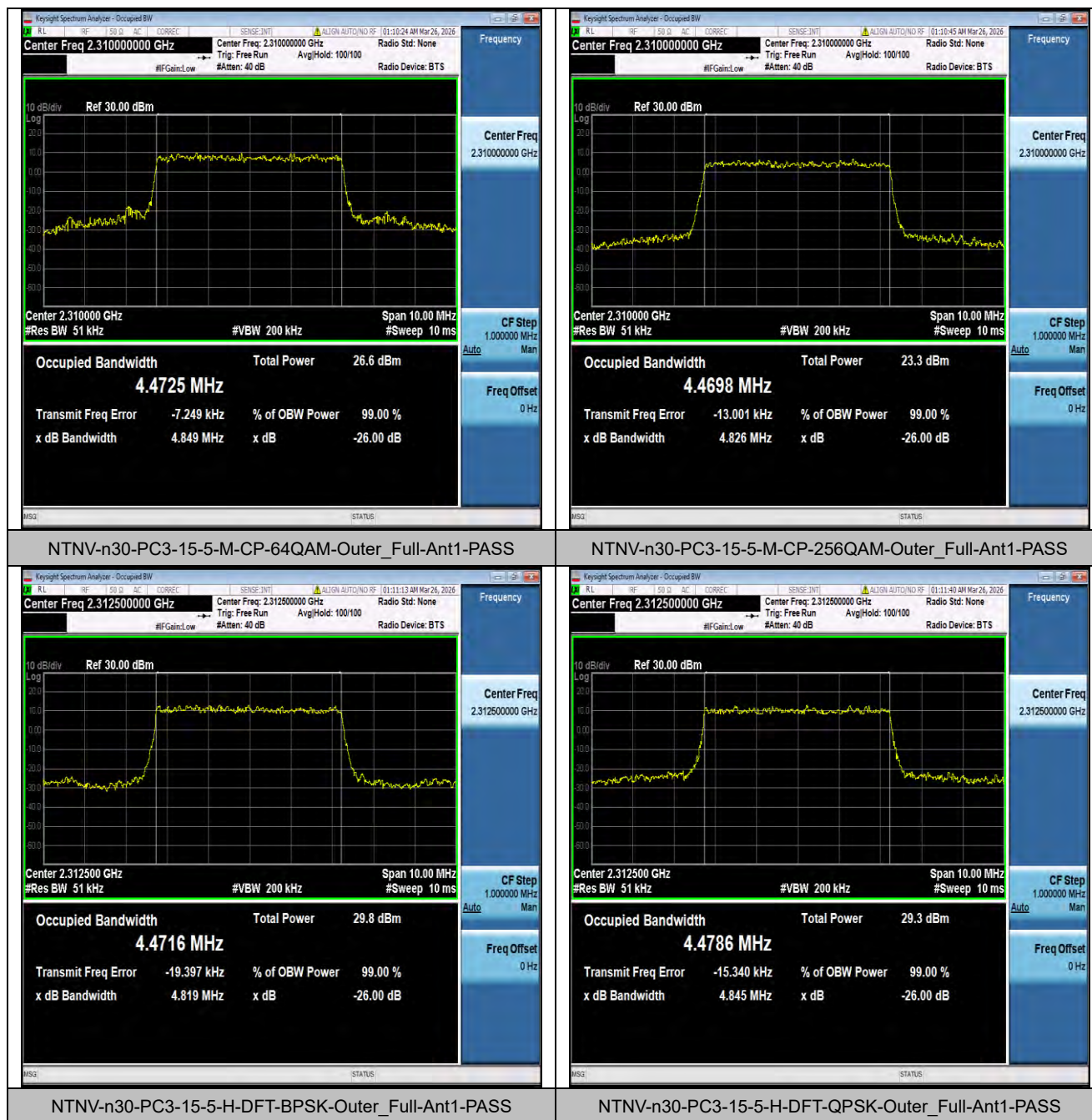
Test Graphs

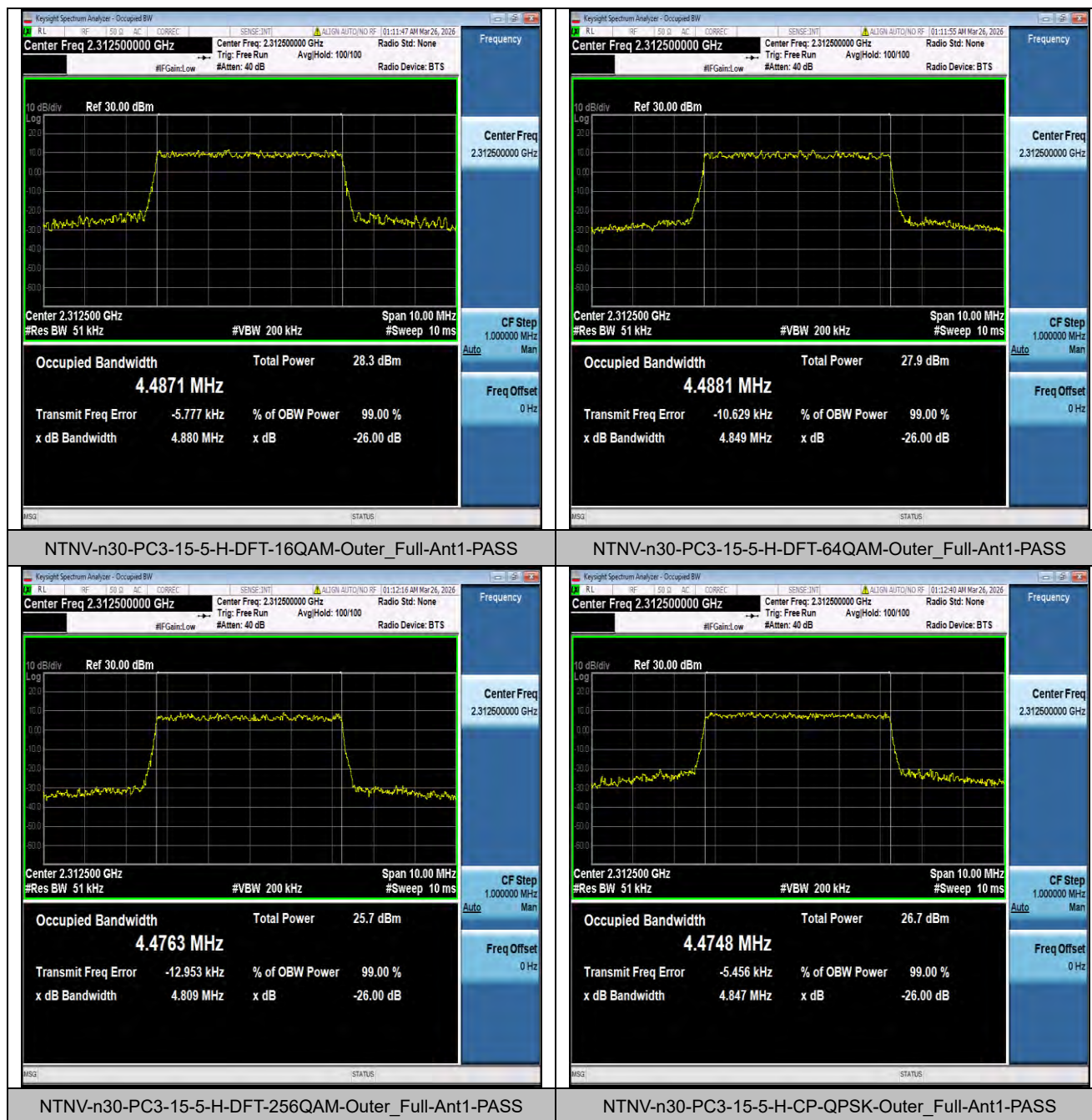


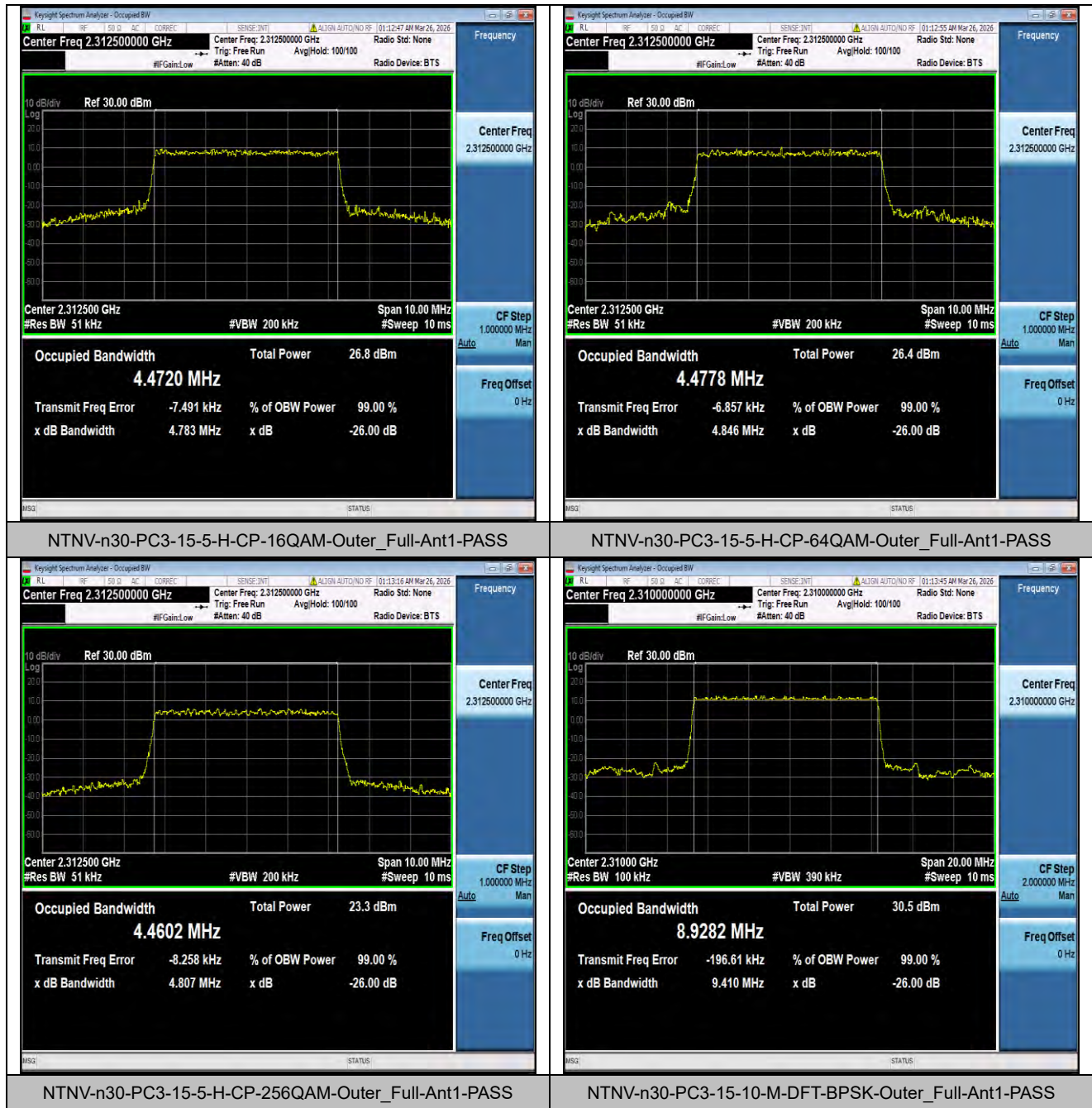


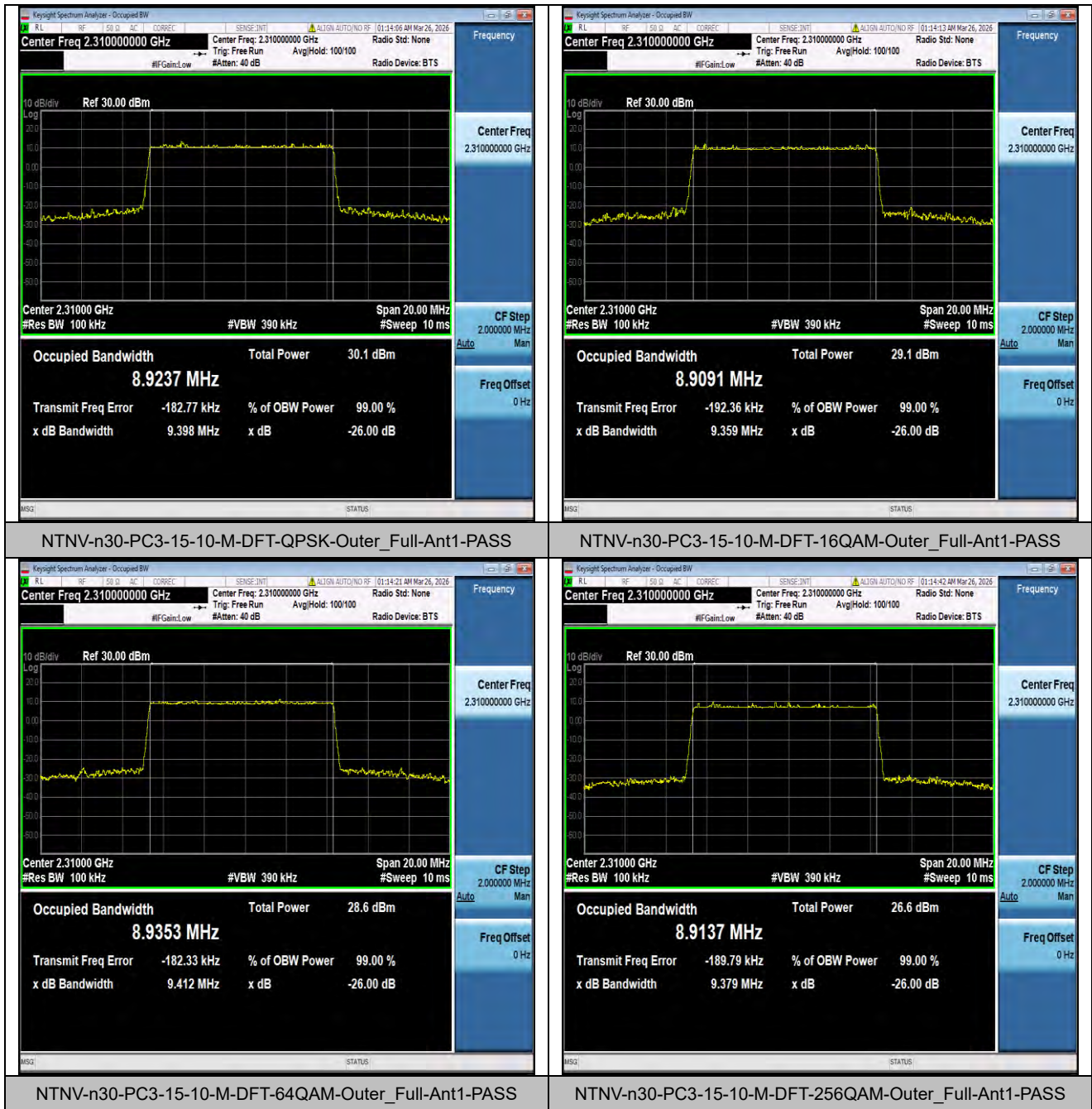


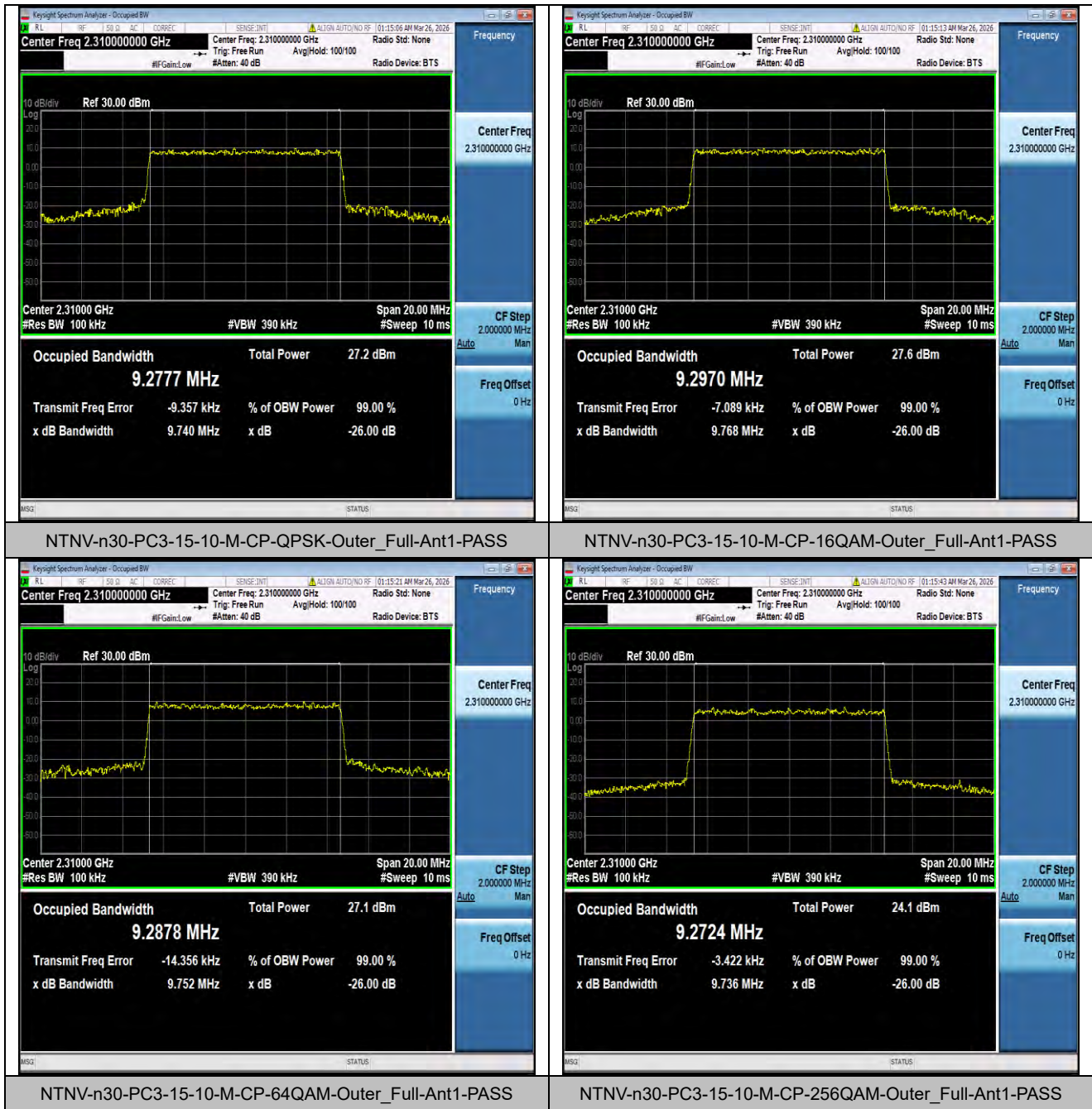






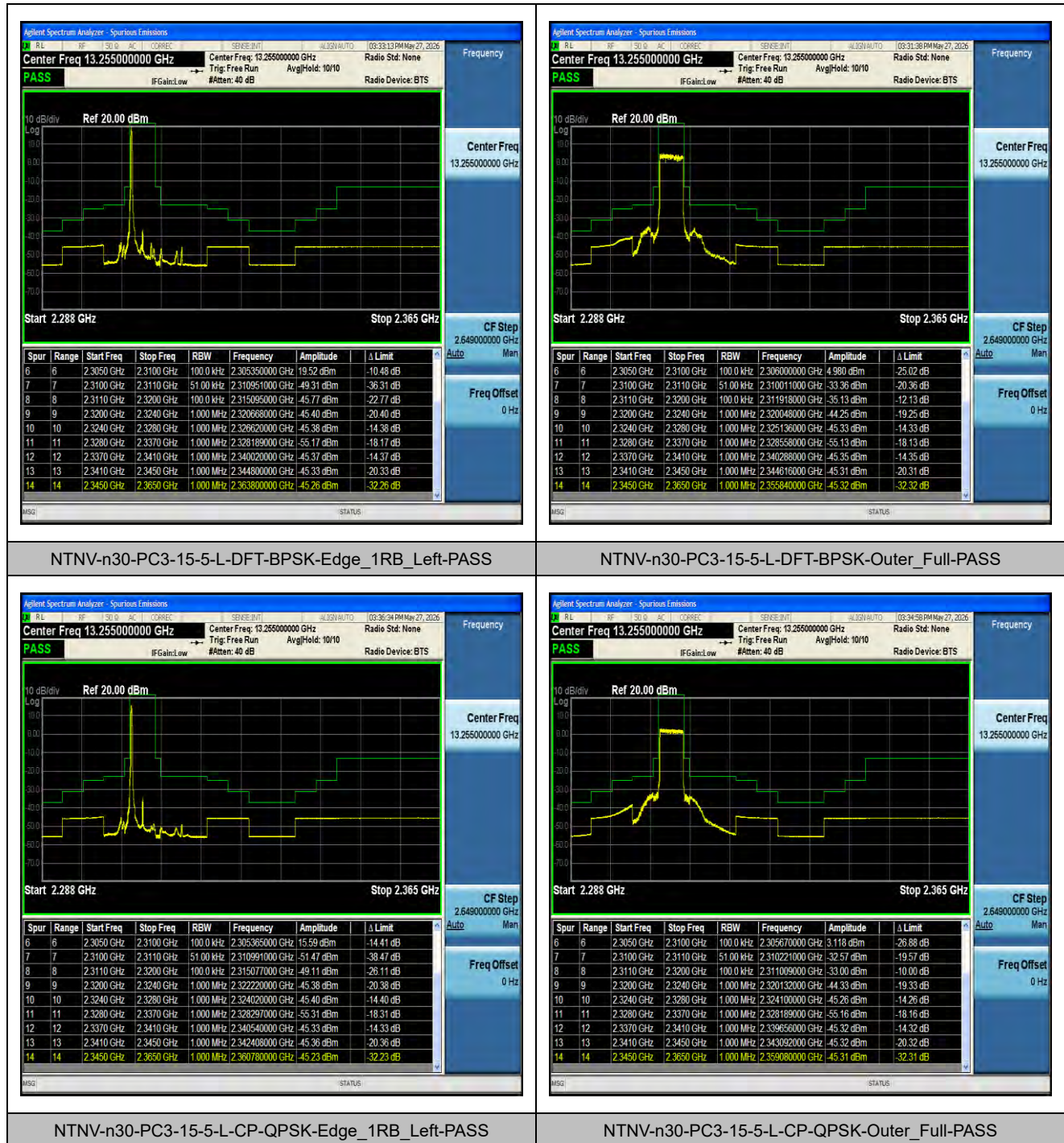


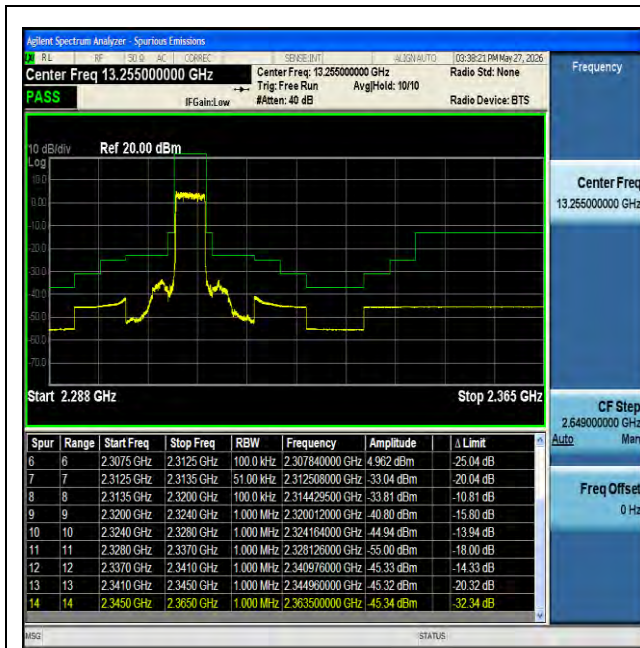




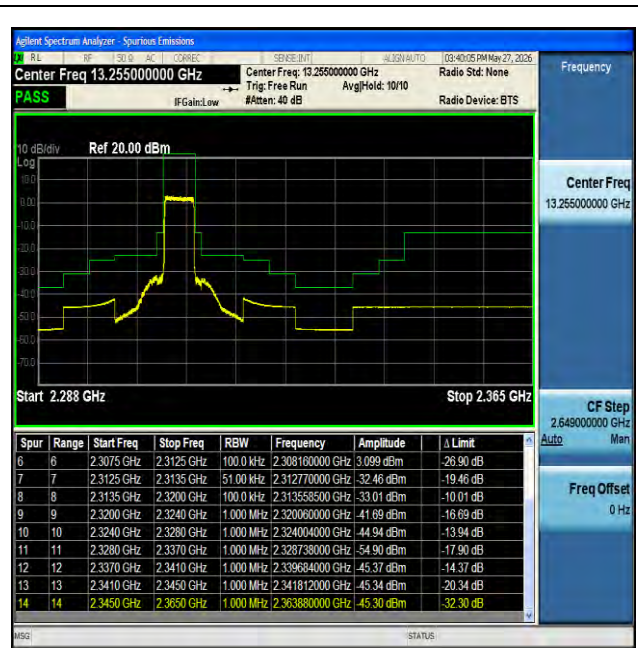
Band Edge for SA

Test Graphs





NTNV-n30-PC3-15-5-M-DFT-BPSK-Outer_Full-PASS



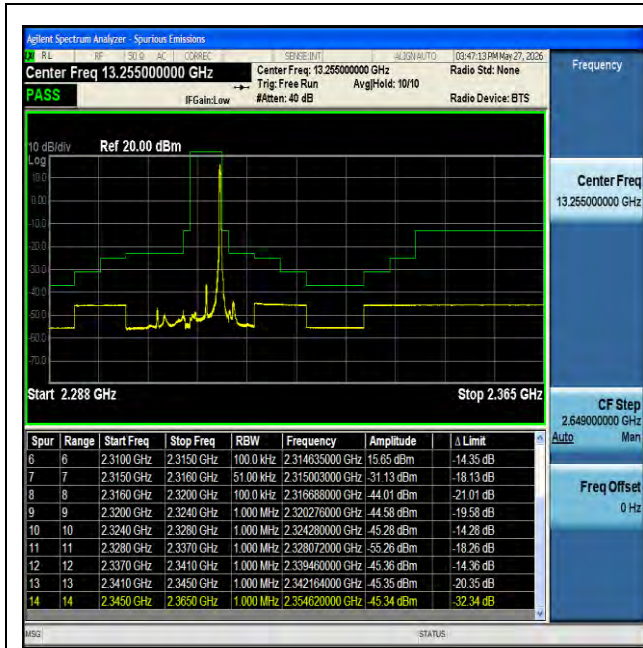
NTNV-n30-PC3-15-5-M-CP-QPSK-Outer_Full-PASS



NTNV-n30-PC3-15-5-H-DFT-BPSK-Edge_1RB_Right-PASS



NTNV-n30-PC3-15-5-H-DFT-BPSK-Outer_Full-PASS



NTNV-n30-PC3-15-5-H-CP-QPSK-Edge_1RB_Right-PASS



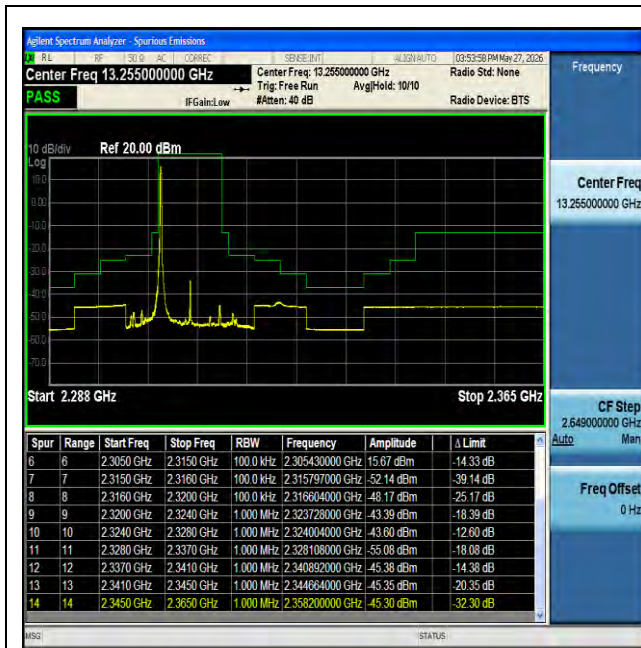
NTNV-n30-PC3-15-5-H-CP-QPSK-Outer_Full-PASS



NTNV-n30-PC3-15-10-L-DFT-BPSK-Edge_1RB_Left-PASS



NTNV-n30-PC3-15-10-L-DFT-BPSK-Outer_Full-PASS



NTNV-n30-PC3-15-10-L-CP-QPSK-Edge_1RB_Left-PASS



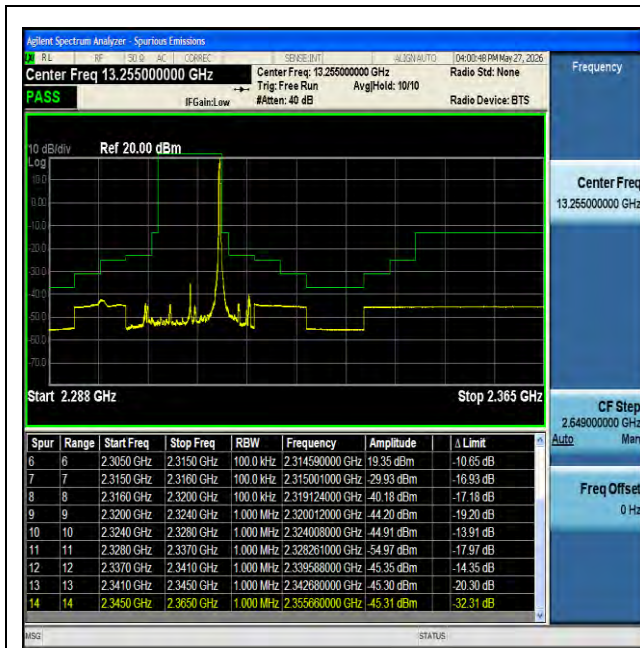
NTNV-n30-PC3-15-10-L-CP-QPSK-Outer_Full-PASS



NTNV-n30-PC3-15-10-M-DFT-BPSK-Outer_Full-PASS



NTNV-n30-PC3-15-10-M-CP-QPSK-Outer_Full-PASS



NTNV-n30-PC3-15-10-H-DFT-BPSK-Edge_1RB_Right-PASS



NTNV-n30-PC3-15-10-H-DFT-BPSK-Outer_Full-PASS



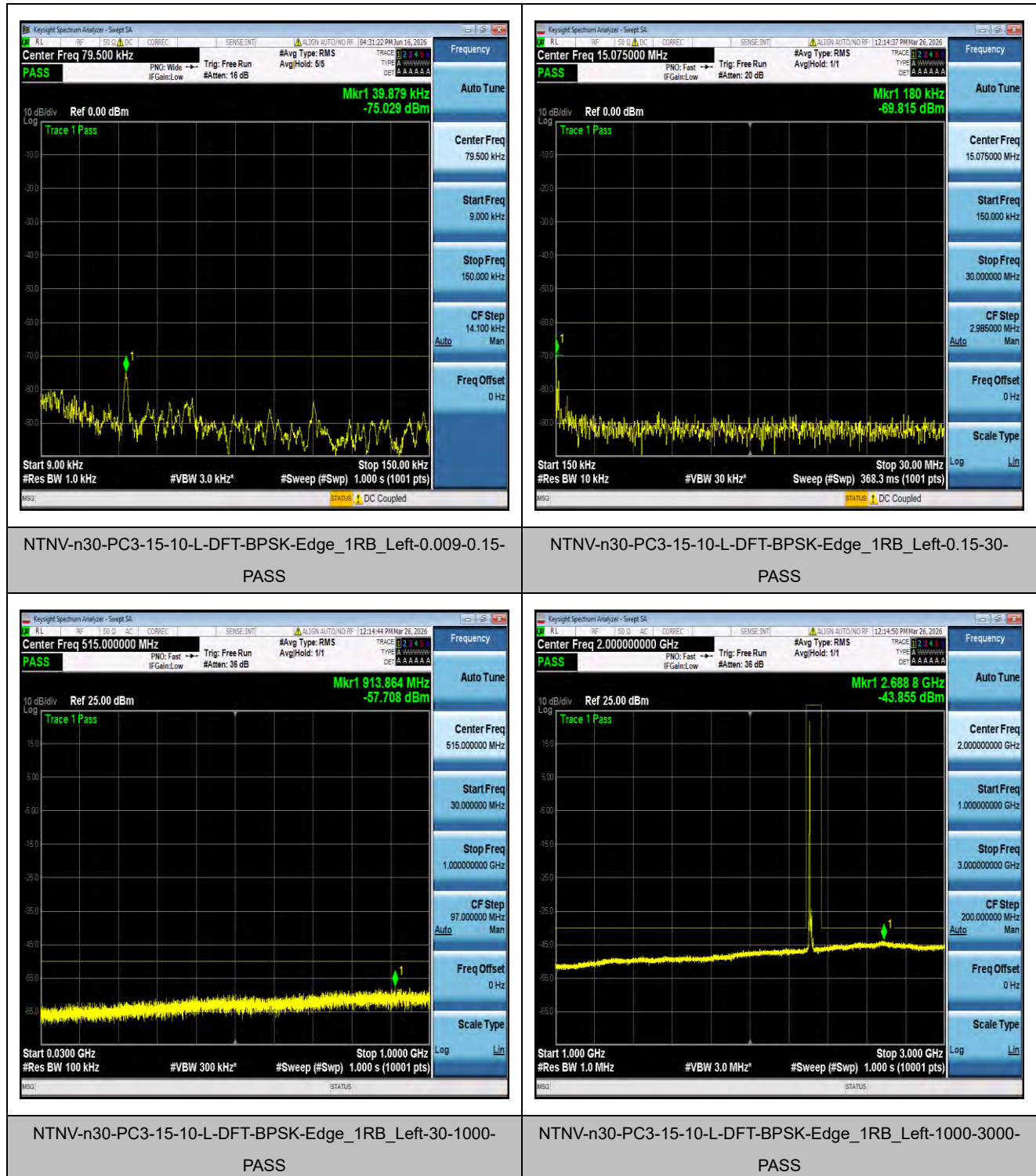
NTNV-n30-PC3-15-10-H-CP-QPSK-Edge_1RB_Right-PASS

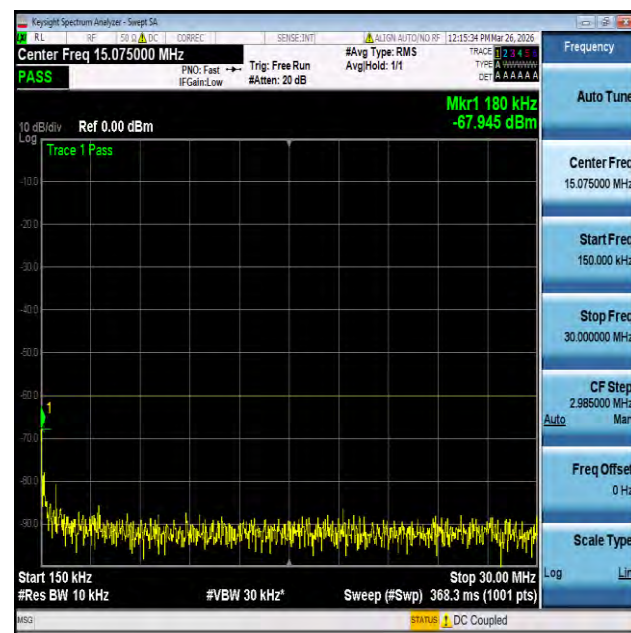


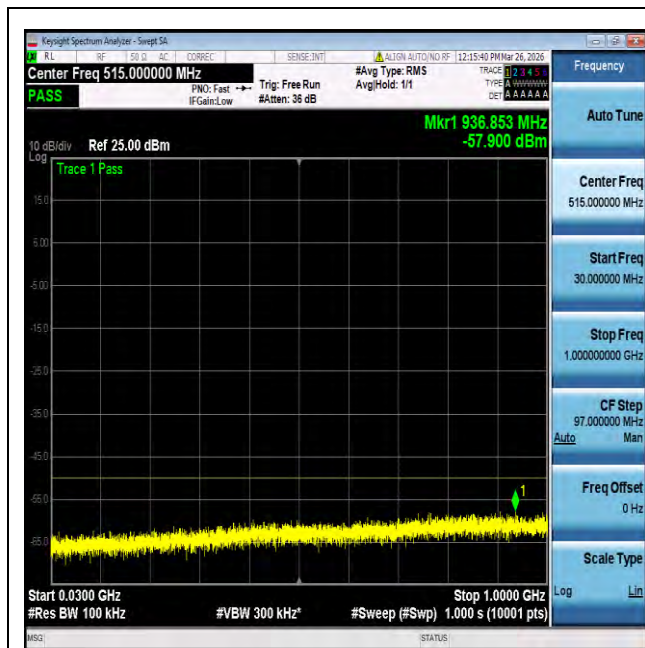
NTNV-n30-PC3-15-10-H-CP-QPSK-Outer_Full-PASS

Conducted Spurious Emission for SA

Test Graphs



NTNV-n30-PC3-15-10-L-DFT-BPSK-Edge_1RB_Left-3000-12000-
PASSNTNV-n30-PC3-15-10-L-DFT-BPSK-Edge_1RB_Left-12000-
26500-PASSNTNV-n30-PC3-15-10-L-CP-QPSK-Edge_1RB_Left-0.009-0.15-
PASSNTNV-n30-PC3-15-10-L-CP-QPSK-Edge_1RB_Left-0.15-30-
PASS



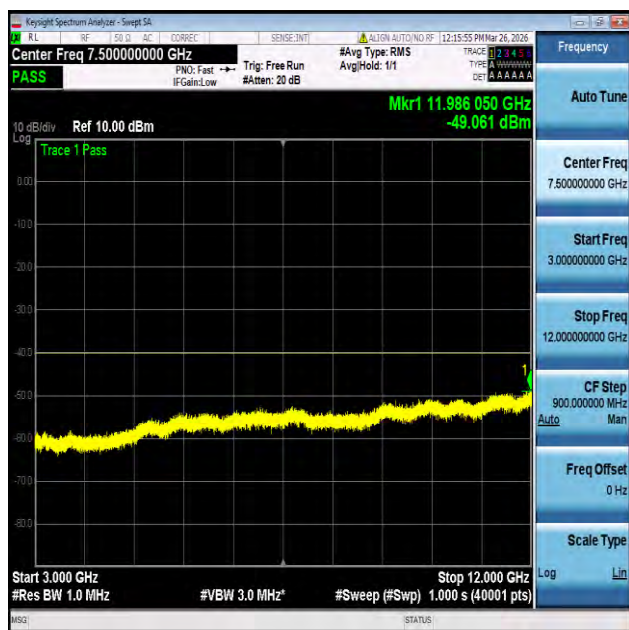
NTNV-n30-PC3-15-10-L-CP-QPSK-Edge_1RB_Left-30-1000-

PASS



NTNV-n30-PC3-15-10-L-CP-QPSK-Edge_1RB_Left-1000-3000-

PASS



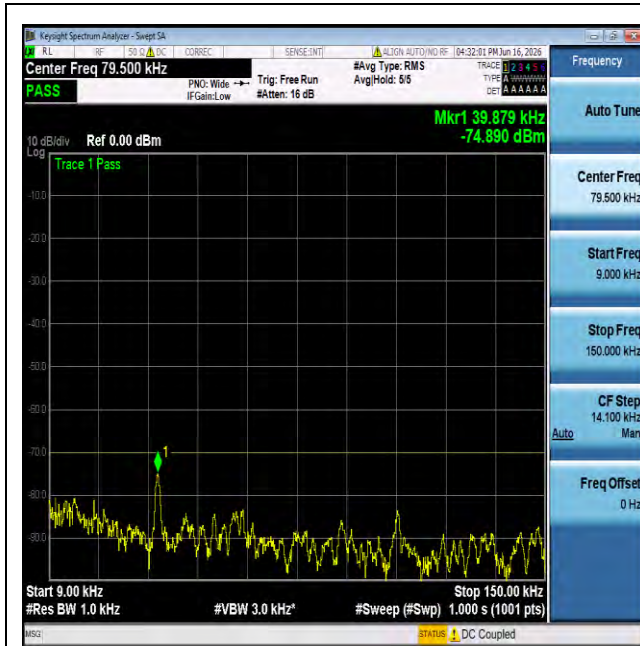
NTNV-n30-PC3-15-10-L-CP-QPSK-Edge_1RB_Left-3000-12000-

PASS



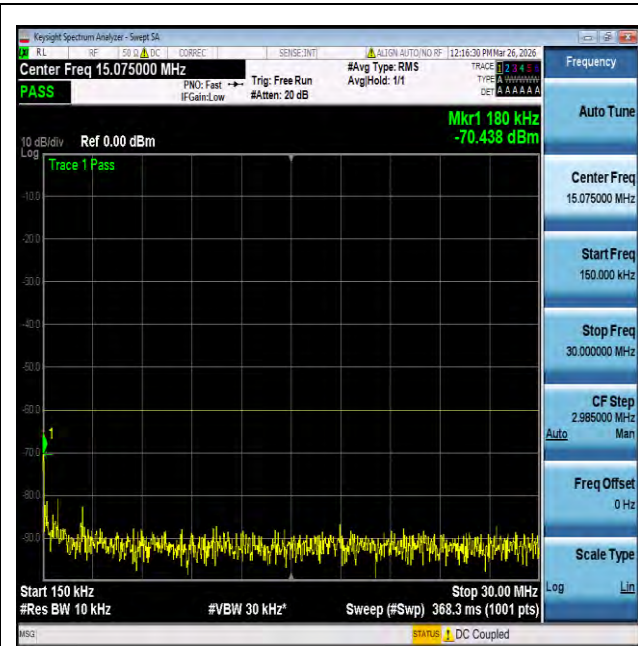
NTNV-n30-PC3-15-10-L-CP-QPSK-Edge_1RB_Left-12000-

26500-PASS



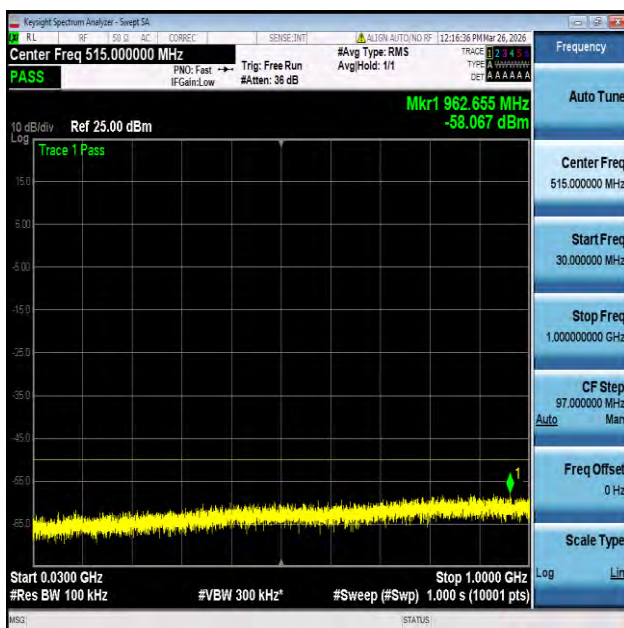
NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-0.009-0.15-

PASS



NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-0.15-30-

PASS



NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-30-1000-

PASS



NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-1000-3000-

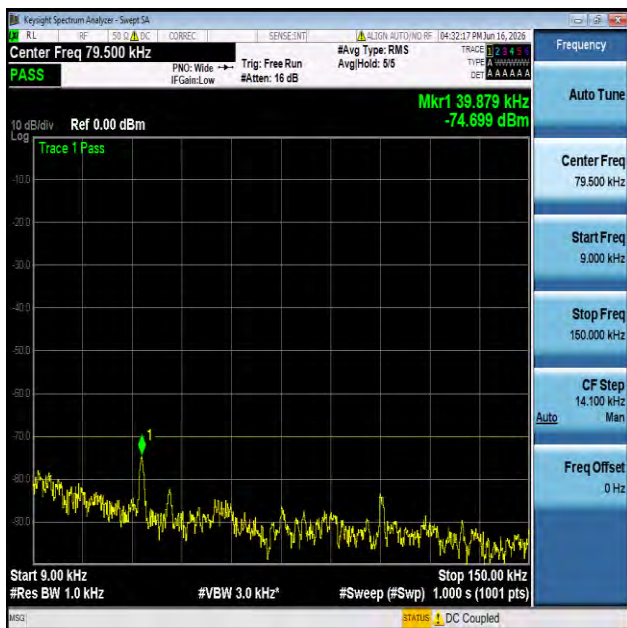
PASS



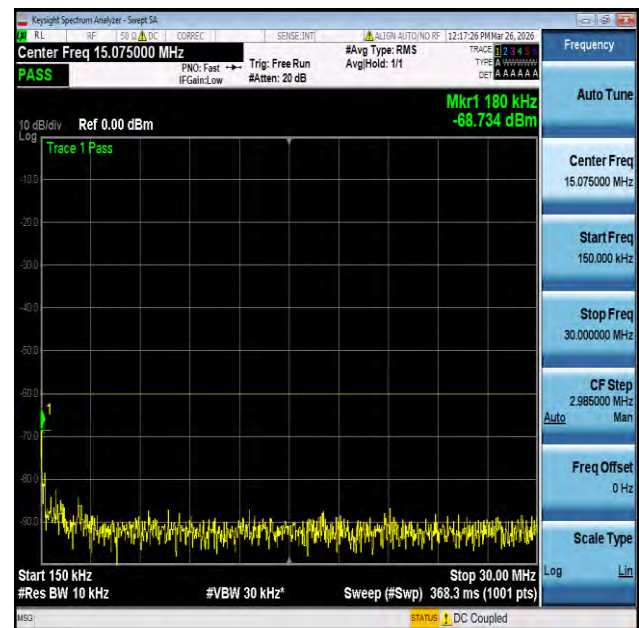
NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-3000-12000-PASS



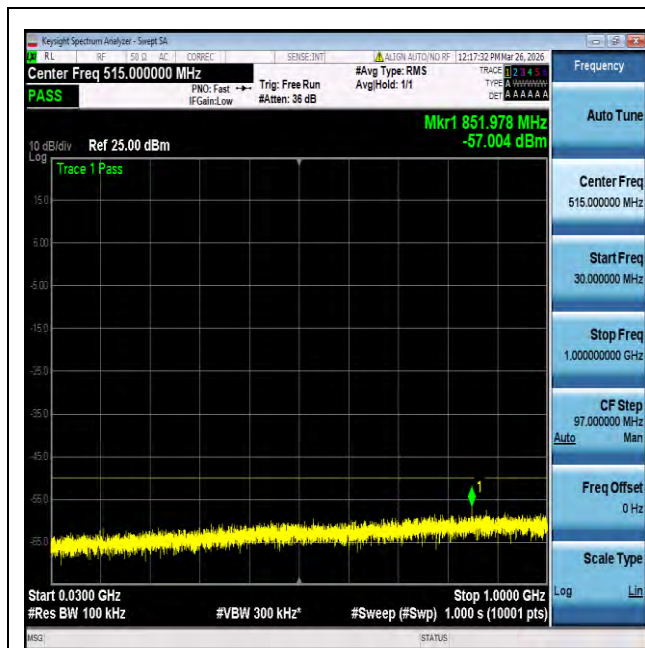
NTNV-n30-PC3-15-10-M-DFT-BPSK-Edge_1RB_Left-12000-26500-PASS



NTNV-n30-PC3-15-10-M-CP-QPSK-Edge_1RB_Left-0.009-0.15-PASS



NTNV-n30-PC3-15-10-M-CP-QPSK-Edge_1RB_Left-0.15-30-PASS



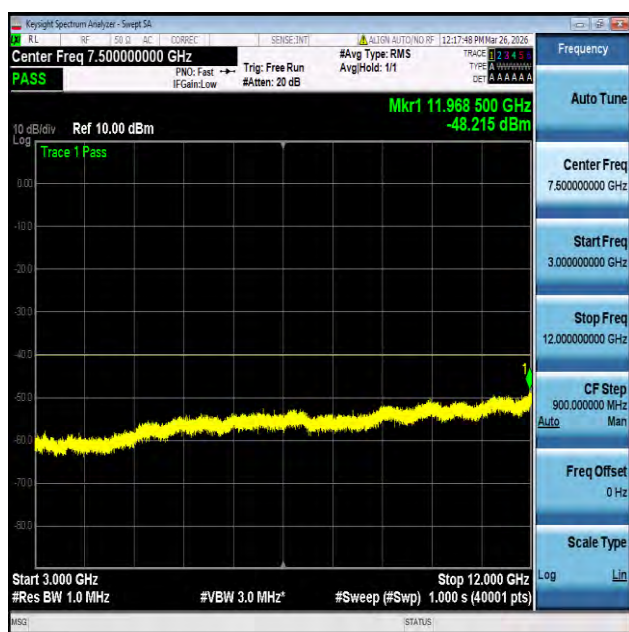
NTNV-n30-PC3-15-10-M-CP-QPSK-Edge_1RB_Left-30-1000-

PASS



NTNV-n30-PC3-15-10-M-CP-QPSK-Edge_1RB_Left-1000-3000-

PASS



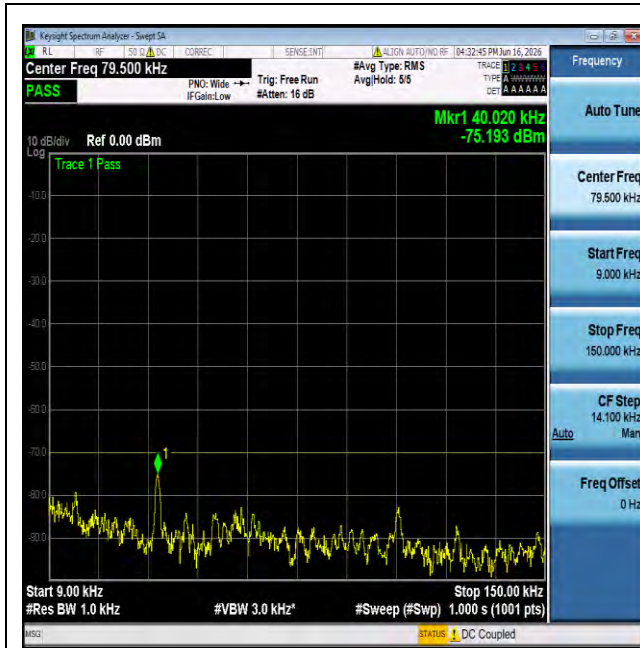
NTNV-n30-PC3-15-10-M-CP-QPSK-Edge_1RB_Left-3000-12000-

PASS

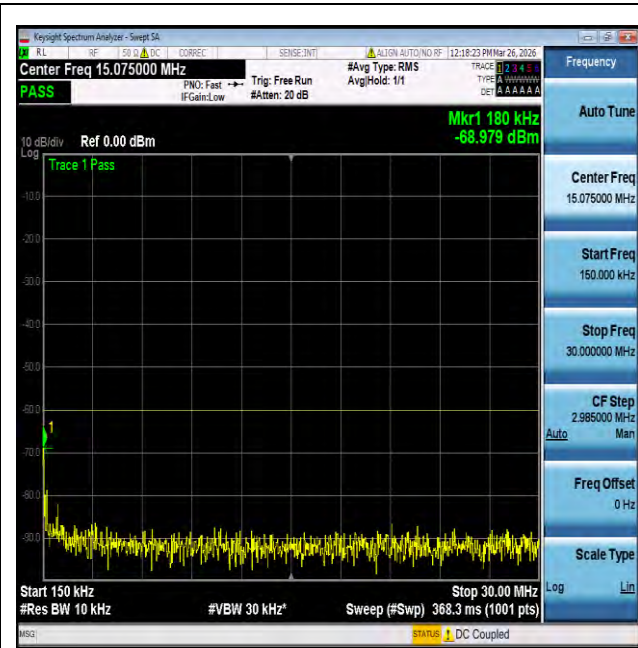


NTNV-n30-PC3-15-10-M-CP-QPSK-Edge_1RB_Left-12000-

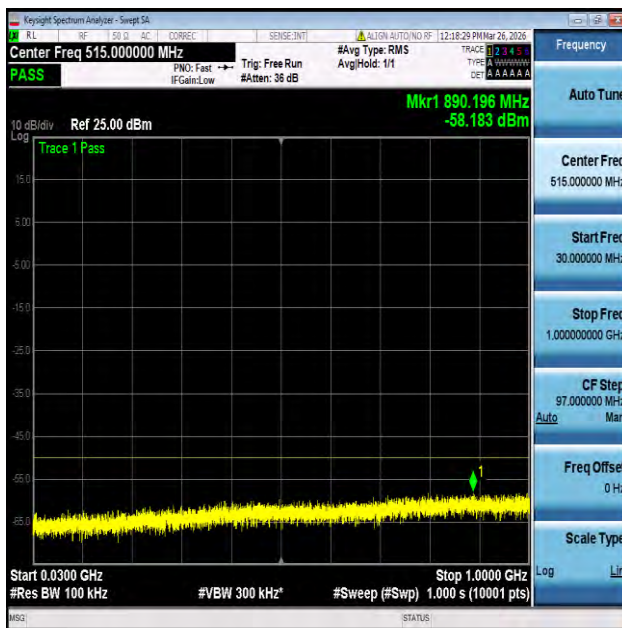
26500-PASS



NTNV-n30-PC3-15-10-H-DFT-BPSK-Edge_1RB_Left-0.009-0.15-
PASS



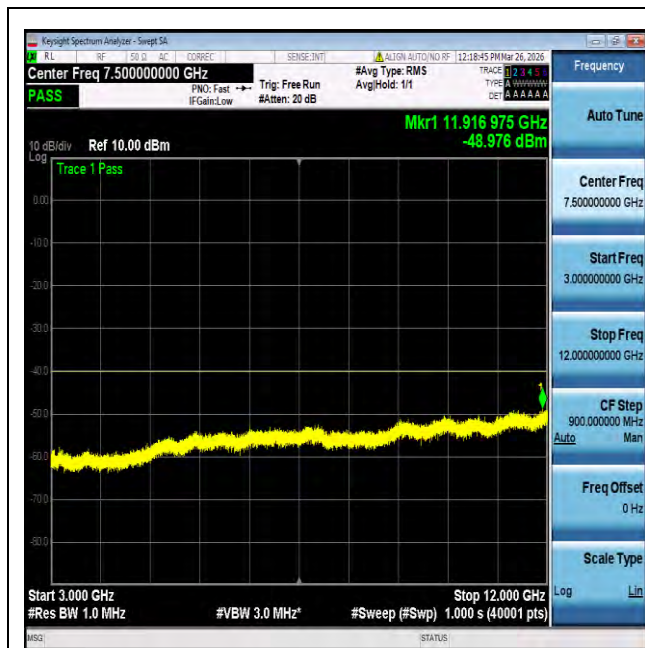
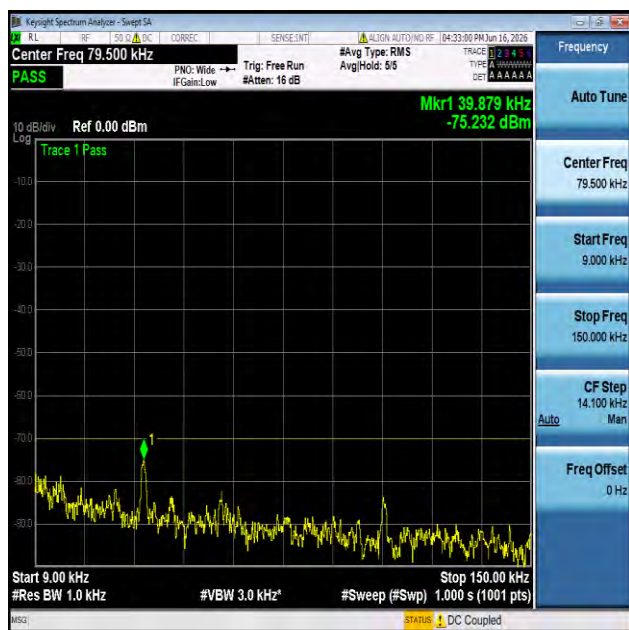
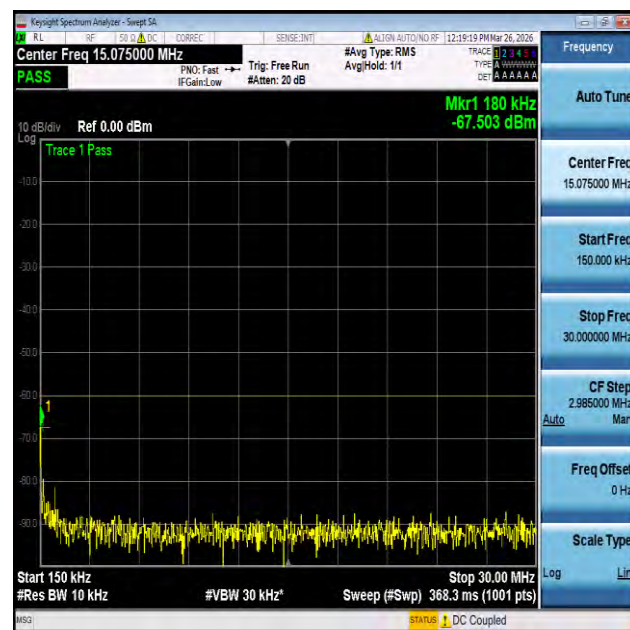
NTNV-n30-PC3-15-10-H-DFT-BPSK-Edge_1RB_Left-0.15-30-
PASS

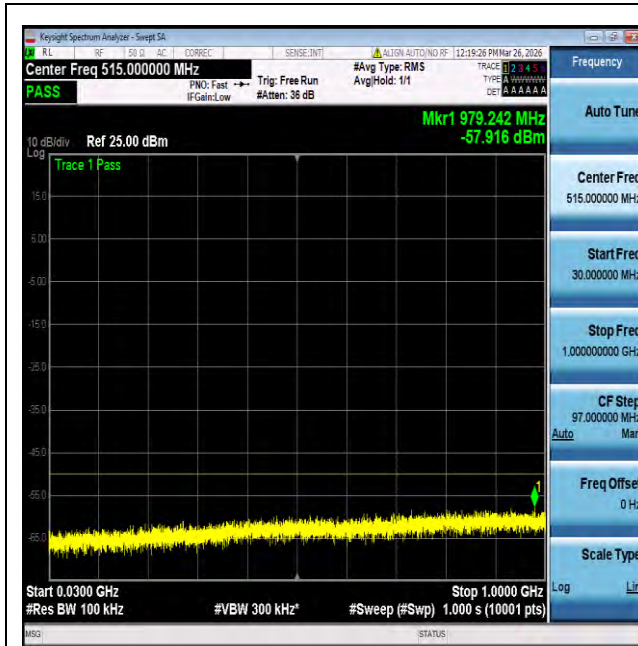


NTNV-n30-PC3-15-10-H-DFT-BPSK-Edge_1RB_Left-30-1000-
PASS

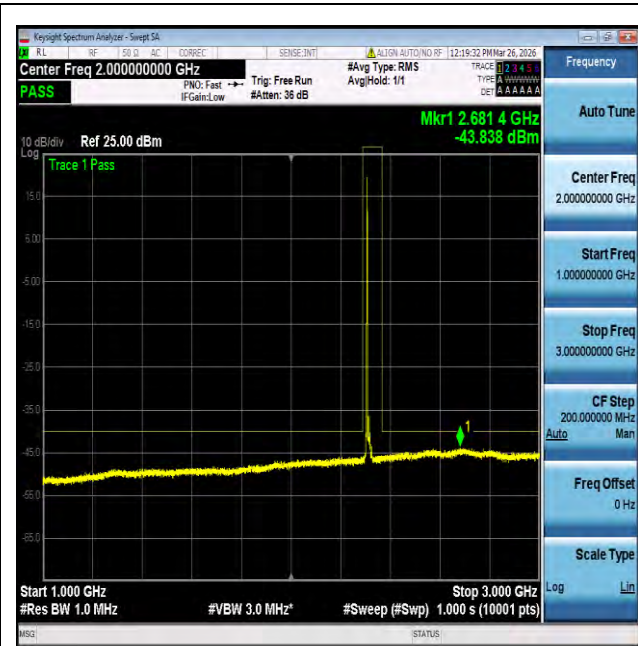


NTNV-n30-PC3-15-10-H-DFT-BPSK-Edge_1RB_Left-1000-3000-
PASS

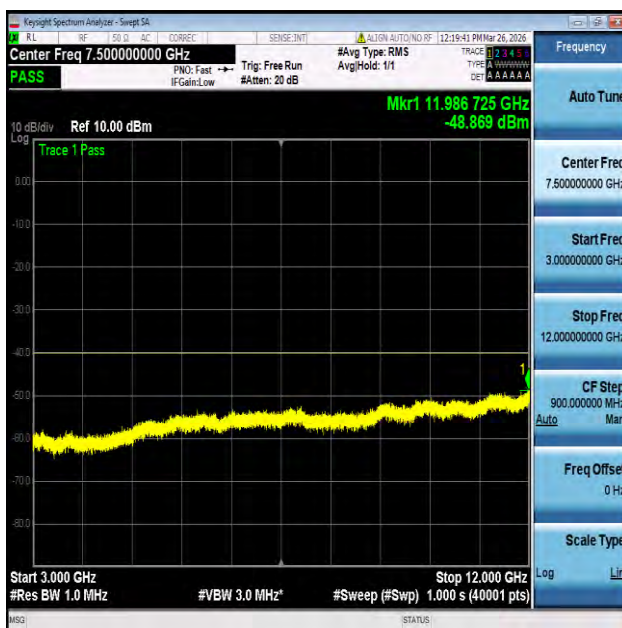
NTNV-n30-PC3-15-10-H-DFT-BPSK-Edge_1RB_Left-3000-
12000-PASSNTNV-n30-PC3-15-10-H-DFT-BPSK-Edge_1RB_Left-12000-
26500-PASSNTNV-n30-PC3-15-10-H-CP-QPSK-Edge_1RB_Left-0.009-0.15-
PASSNTNV-n30-PC3-15-10-H-CP-QPSK-Edge_1RB_Left-0.15-30-
PASS



NTNV-n30-PC3-15-10-H-CP-QPSK-Edge_1RB_Left-30-1000-
PASS



NTNV-n30-PC3-15-10-H-CP-QPSK-Edge_1RB_Left-1000-3000-
PASS



NTNV-n30-PC3-15-10-H-CP-QPSK-Edge_1RB_Left-3000-12000-
PASS



NTNV-n30-PC3-15-10-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
n30	15	10	DFT-BPSK	M	Outer_Full	VL	NT	1	0.000433	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	VN	NT	4.2	0.001818	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	VH	NT	1	0.000433	PASS
n30	15	10	CP-QPSK	M	Outer_Full	VL	NT	1.1	0.000476	PASS
n30	15	10	CP-QPSK	M	Outer_Full	VN	NT	-2.8	-0.001212	PASS
n30	15	10	CP-QPSK	M	Outer_Full	VH	NT	0.9	0.00039	PASS

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temp	Deviation (Hz)	Deviation (ppm)	Verdict
n30	15	10	DFT-BPSK	M	Outer_Full	NV	-30	3.3	0.001429	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	-20	-3.2	-0.001385	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	-10	-4.9	-0.002121	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	0	-4.1	-0.001775	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	10	-5	-0.002165	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	20	-6.5	-0.002814	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	30	-2.8	-0.001212	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	40	-1.6	-0.000693	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	NV	50	-1.3	-0.000563	PASS
n30	15	10	CP-QPSK	M	Outer_Full	NV	-30	-1.7	-0.000736	PASS
n30	15	10	CP-QPSK	M	Outer_Full	NV	-20	-1.1	-0.000476	PASS
n30	15	10	CP-QPSK	M	Outer_Full	NV	-10	-1.3	-0.000563	PASS
n30	15	10	CP-QPSK	M	Outer_Full	NV	0	-1.4	-0.000606	PASS
n30	15	10	CP-QPSK	M	Outer_Full	NV	10	-1.4	-0.000606	PASS
n30	15	10	CP-QPSK	M	Outer_Full	NV	20	0.5	0.000216	PASS
n30	15	10	CP-QPSK	M	Outer_Full	NV	30	-0.2	-8.7E-05	PASS
n30	15	10	CP-QPSK	M	Outer_Full	NV	40	-5.5	-0.002381	PASS
n30	15	10	CP-QPSK	M	Outer_Full	NV	50	-7.6	-0.00329	PASS

~The End~