

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	19.8	22.8	PASS
n30	15	5	DFT-BPSK	L	Inner_1RB_Right	19.77	22.77	PASS
n30	15	5	DFT-BPSK	L	Inner_Full	19.87	22.87	PASS
n30	15	5	DFT-BPSK	L	Outer_Full	19.28	22.28	PASS
n30	15	5	DFT-QPSK	L	Inner_1RB_Left	19.89	22.89	PASS
n30	15	5	DFT-QPSK	L	Inner_1RB_Right	19.79	22.79	PASS
n30	15	5	DFT-QPSK	L	Inner_Full	19.97	22.97	PASS
n30	15	5	DFT-QPSK	L	Outer_Full	18.79	21.79	PASS
n30	15	5	DFT-16QAM	L	Inner_1RB_Left	18.79	21.79	PASS
n30	15	5	DFT-16QAM	L	Inner_1RB_Right	18.67	21.67	PASS
n30	15	5	DFT-16QAM	L	Inner_Full	18.87	21.87	PASS
n30	15	5	DFT-16QAM	L	Outer_Full	17.81	20.81	PASS
n30	15	5	DFT-64QAM	L	Inner_1RB_Left	17.49	20.49	PASS
n30	15	5	DFT-64QAM	L	Inner_1RB_Right	17.35	20.35	PASS
n30	15	5	DFT-64QAM	L	Inner_Full	17.36	20.36	PASS
n30	15	5	DFT-64QAM	L	Outer_Full	17.25	20.25	PASS
n30	15	5	DFT-256QAM	L	Inner_1RB_Left	14.67	17.67	PASS
n30	15	5	DFT-256QAM	L	Inner_1RB_Right	14.64	17.64	PASS
n30	15	5	DFT-256QAM	L	Inner_Full	15.29	18.29	PASS
n30	15	5	DFT-256QAM	L	Outer_Full	15.18	18.18	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Left	19.95	22.95	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Right	19.83	22.83	PASS
n30	15	5	DFT-BPSK	M	Inner_Full	19.93	22.93	PASS
n30	15	5	DFT-BPSK	M	Outer_Full	19.33	22.33	PASS
n30	15	5	DFT-QPSK	M	Inner_1RB_Left	19.98	22.98	PASS
n30	15	5	DFT-QPSK	M	Inner_1RB_Right	19.87	22.87	PASS
n30	15	5	DFT-QPSK	M	Inner_Full	19.94	22.94	PASS
n30	15	5	DFT-QPSK	M	Outer_Full	18.85	21.85	PASS
n30	15	5	DFT-16QAM	M	Inner_1RB_Left	18.77	21.77	PASS
n30	15	5	DFT-16QAM	M	Inner_1RB_Right	18.54	21.54	PASS
n30	15	5	DFT-16QAM	M	Inner_Full	18.8	21.8	PASS
n30	15	5	DFT-16QAM	M	Outer_Full	17.83	20.83	PASS
n30	15	5	DFT-64QAM	M	Inner_1RB_Left	17.44	20.44	PASS
n30	15	5	DFT-64QAM	M	Inner_1RB_Right	17.33	20.33	PASS
n30	15	5	DFT-64QAM	M	Inner_Full	17.31	20.31	PASS
n30	15	5	DFT-64QAM	M	Outer_Full	17.3	20.3	PASS
n30	15	5	DFT-256QAM	M	Inner_1RB_Left	14.76	17.76	PASS

n30	15	5	DFT-256QAM	M	Inner_1RB_Right	14.66	17.66	PASS
n30	15	5	DFT-256QAM	M	Inner_Full	14.56	17.56	PASS
n30	15	5	DFT-256QAM	M	Outer_Full	14.53	17.53	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Left	19.94	22.94	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Right	19.72	22.72	PASS
n30	15	5	DFT-BPSK	H	Inner_Full	19.94	22.94	PASS
n30	15	5	DFT-BPSK	H	Outer_Full	19.35	22.35	PASS
n30	15	5	DFT-QPSK	H	Inner_1RB_Left	19.89	22.89	PASS
n30	15	5	DFT-QPSK	H	Inner_1RB_Right	19.69	22.69	PASS
n30	15	5	DFT-QPSK	H	Inner_Full	19.94	22.94	PASS
n30	15	5	DFT-QPSK	H	Outer_Full	18.79	21.79	PASS
n30	15	5	DFT-16QAM	H	Inner_1RB_Left	18.72	21.72	PASS
n30	15	5	DFT-16QAM	H	Inner_1RB_Right	18.52	21.52	PASS
n30	15	5	DFT-16QAM	H	Inner_Full	18.8	21.8	PASS
n30	15	5	DFT-16QAM	H	Outer_Full	17.72	20.72	PASS
n30	15	5	DFT-64QAM	H	Inner_1RB_Left	17.49	20.49	PASS
n30	15	5	DFT-64QAM	H	Inner_1RB_Right	17.29	20.29	PASS
n30	15	5	DFT-64QAM	H	Inner_Full	17.29	20.29	PASS
n30	15	5	DFT-64QAM	H	Outer_Full	17.21	20.21	PASS
n30	15	5	DFT-256QAM	H	Inner_1RB_Left	14.69	17.69	PASS
n30	15	5	DFT-256QAM	H	Inner_1RB_Right	14.52	17.52	PASS
n30	15	5	DFT-256QAM	H	Inner_Full	15.22	18.22	PASS
n30	15	5	DFT-256QAM	H	Outer_Full	15.23	18.23	PASS
n30	15	10	DFT-BPSK	L	Inner_1RB_Left	19.96	22.96	PASS
n30	15	10	DFT-BPSK	L	Inner_1RB_Right	19.94	22.94	PASS
n30	15	10	DFT-BPSK	L	Inner_Full	19.88	22.88	PASS
n30	15	10	DFT-BPSK	L	Outer_Full	19.29	22.29	PASS
n30	15	10	DFT-QPSK	L	Inner_1RB_Left	19.96	22.96	PASS
n30	15	10	DFT-QPSK	L	Inner_1RB_Right	19.85	22.85	PASS
n30	15	10	DFT-QPSK	L	Inner_Full	20	23	PASS
n30	15	10	DFT-QPSK	L	Outer_Full	18.91	21.91	PASS
n30	15	10	DFT-16QAM	L	Inner_1RB_Left	18.73	21.73	PASS
n30	15	10	DFT-16QAM	L	Inner_1RB_Right	18.63	21.63	PASS
n30	15	10	DFT-16QAM	L	Inner_Full	18.8	21.8	PASS
n30	15	10	DFT-16QAM	L	Outer_Full	17.72	20.72	PASS
n30	15	10	DFT-64QAM	L	Inner_1RB_Left	17.5	20.5	PASS
n30	15	10	DFT-64QAM	L	Inner_1RB_Right	17.32	20.32	PASS
n30	15	10	DFT-64QAM	L	Inner_Full	17.34	20.34	PASS
n30	15	10	DFT-64QAM	L	Outer_Full	17.34	20.34	PASS
n30	15	10	DFT-256QAM	L	Inner_1RB_Left	14.79	17.79	PASS
n30	15	10	DFT-256QAM	L	Inner_1RB_Right	14.5	17.5	PASS
n30	15	10	DFT-256QAM	L	Inner_Full	14.76	17.76	PASS
n30	15	10	DFT-256QAM	L	Outer_Full	14.58	17.58	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Left	20.06	23.06	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Right	19.79	22.79	PASS

n30	15	10	DFT-BPSK	M	Inner_Full	20.05	23.05	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	19.42	22.42	PASS
n30	15	10	DFT-QPSK	M	Inner_1RB_Left	19.99	22.99	PASS
n30	15	10	DFT-QPSK	M	Inner_1RB_Right	19.9	22.9	PASS
n30	15	10	DFT-QPSK	M	Inner_Full	20.03	23.03	PASS
n30	15	10	DFT-QPSK	M	Outer_Full	18.93	21.93	PASS
n30	15	10	DFT-16QAM	M	Inner_1RB_Left	18.71	21.71	PASS
n30	15	10	DFT-16QAM	M	Inner_1RB_Right	18.54	21.54	PASS
n30	15	10	DFT-16QAM	M	Inner_Full	18.77	21.77	PASS
n30	15	10	DFT-16QAM	M	Outer_Full	17.74	20.74	PASS
n30	15	10	DFT-64QAM	M	Inner_1RB_Left	17.45	20.45	PASS
n30	15	10	DFT-64QAM	M	Inner_1RB_Right	17.27	20.27	PASS
n30	15	10	DFT-64QAM	M	Inner_Full	17.2	20.2	PASS
n30	15	10	DFT-64QAM	M	Outer_Full	17.37	20.37	PASS
n30	15	10	DFT-256QAM	M	Inner_1RB_Left	14.82	17.82	PASS
n30	15	10	DFT-256QAM	M	Inner_1RB_Right	14.51	17.51	PASS
n30	15	10	DFT-256QAM	M	Inner_Full	15.2	18.2	PASS
n30	15	10	DFT-256QAM	M	Outer_Full	14.52	17.52	PASS
n30	15	10	DFT-BPSK	H	Inner_1RB_Left	20.04	23.04	PASS
n30	15	10	DFT-BPSK	H	Inner_1RB_Right	19.94	22.94	PASS
n30	15	10	DFT-BPSK	H	Inner_Full	19.93	22.93	PASS
n30	15	10	DFT-BPSK	H	Outer_Full	19.28	22.28	PASS
n30	15	10	DFT-QPSK	H	Inner_1RB_Left	20.08	23.08	PASS
n30	15	10	DFT-QPSK	H	Inner_1RB_Right	19.8	22.8	PASS
n30	15	10	DFT-QPSK	H	Inner_Full	19.83	22.83	PASS
n30	15	10	DFT-QPSK	H	Outer_Full	18.83	21.83	PASS
n30	15	10	DFT-16QAM	H	Inner_1RB_Left	18.78	21.78	PASS
n30	15	10	DFT-16QAM	H	Inner_1RB_Right	18.59	21.59	PASS
n30	15	10	DFT-16QAM	H	Inner_Full	18.84	21.84	PASS
n30	15	10	DFT-16QAM	H	Outer_Full	17.74	20.74	PASS
n30	15	10	DFT-64QAM	H	Inner_1RB_Left	17.49	20.49	PASS
n30	15	10	DFT-64QAM	H	Inner_1RB_Right	17.3	20.3	PASS
n30	15	10	DFT-64QAM	H	Inner_Full	17.3	20.3	PASS
n30	15	10	DFT-64QAM	H	Outer_Full	17.31	20.31	PASS
n30	15	10	DFT-256QAM	H	Inner_1RB_Left	14.8	17.8	PASS
n30	15	10	DFT-256QAM	H	Inner_1RB_Right	14.51	17.51	PASS
n30	15	10	DFT-256QAM	H	Inner_Full	15.24	18.24	PASS
n30	15	10	DFT-256QAM	H	Outer_Full	15.21	18.21	PASS

PSD for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm/5MHz)	EIRP (dBm/5MHz)	Limit (dBm/5MHz)	Verdict
n30	15	5	DFT-BPSK	L	Inner_1RB_Left	20.67	23.67	23.98	PASS
n30	15	5	DFT-BPSK	L	Inner_1RB_Right	20.58	23.58	23.98	PASS
n30	15	5	DFT-BPSK	L	Outer_Full	19.68	22.68	23.98	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Left	20.65	23.65	23.98	PASS
n30	15	5	DFT-BPSK	M	Inner_1RB_Right	20.54	23.54	23.98	PASS
n30	15	5	DFT-BPSK	M	Outer_Full	19.69	22.69	23.98	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Left	20.72	23.72	23.98	PASS
n30	15	5	DFT-BPSK	H	Inner_1RB_Right	20.55	23.55	23.98	PASS
n30	15	5	DFT-BPSK	H	Outer_Full	19.64	22.64	23.98	PASS
n30	15	10	DFT-BPSK	L	Inner_1RB_Left	20.73	23.73	23.98	PASS
n30	15	10	DFT-BPSK	L	Inner_1RB_Right	20.61	23.61	23.98	PASS
n30	15	10	DFT-BPSK	L	Outer_Full	17.76	20.76	23.98	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Left	20.79	23.79	23.98	PASS
n30	15	10	DFT-BPSK	M	Inner_1RB_Right	20.67	23.67	23.98	PASS
n30	15	10	DFT-BPSK	M	Outer_Full	17.73	20.73	23.98	PASS
n30	15	10	DFT-BPSK	H	Inner_1RB_Left	20.69	23.69	23.98	PASS
n30	15	10	DFT-BPSK	H	Inner_1RB_Right	20.66	23.66	23.98	PASS
n30	15	10	DFT-BPSK	H	Outer_Full	17.72	20.72	23.98	PASS

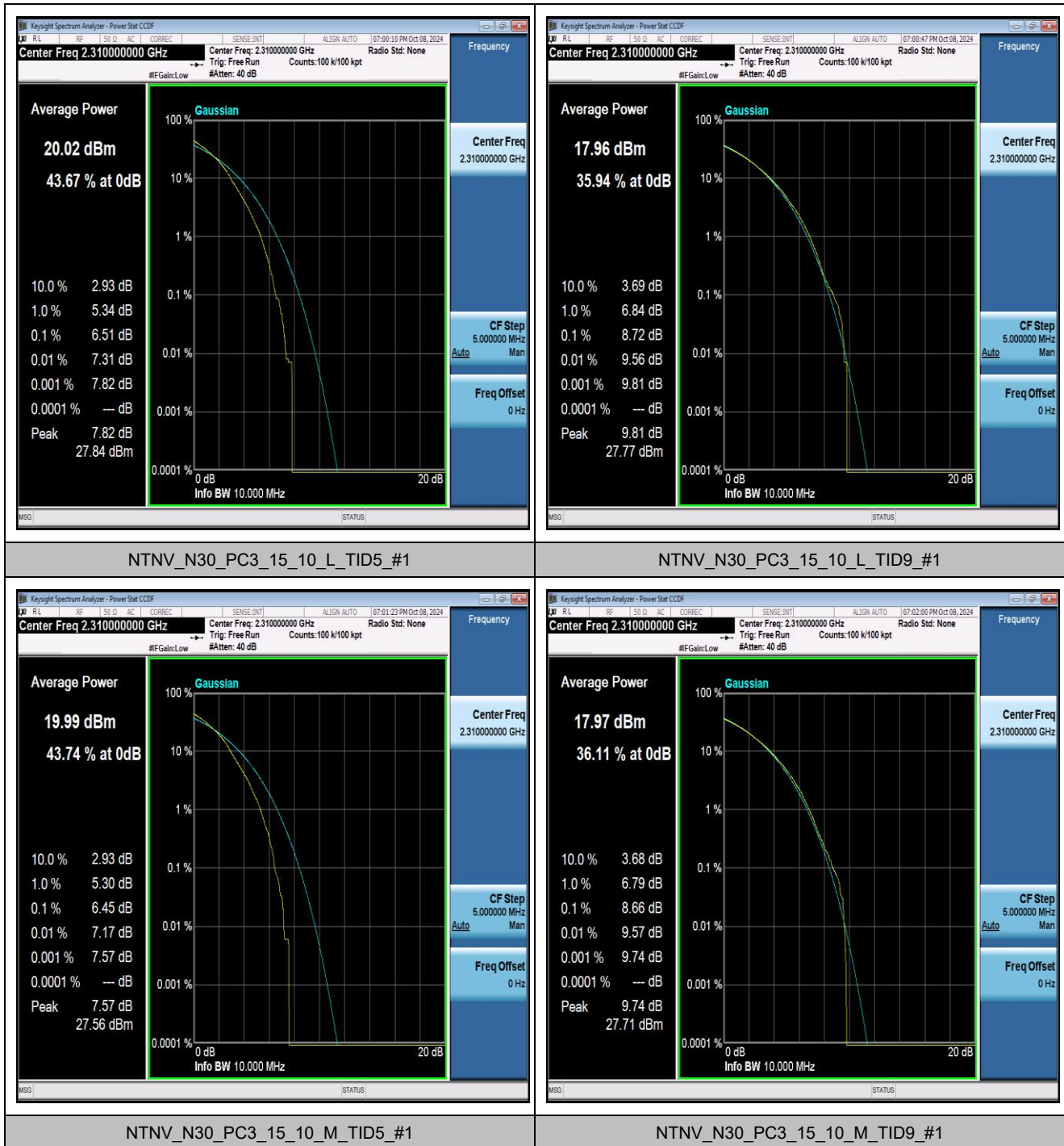
Peak-to-Average Ratio for SA

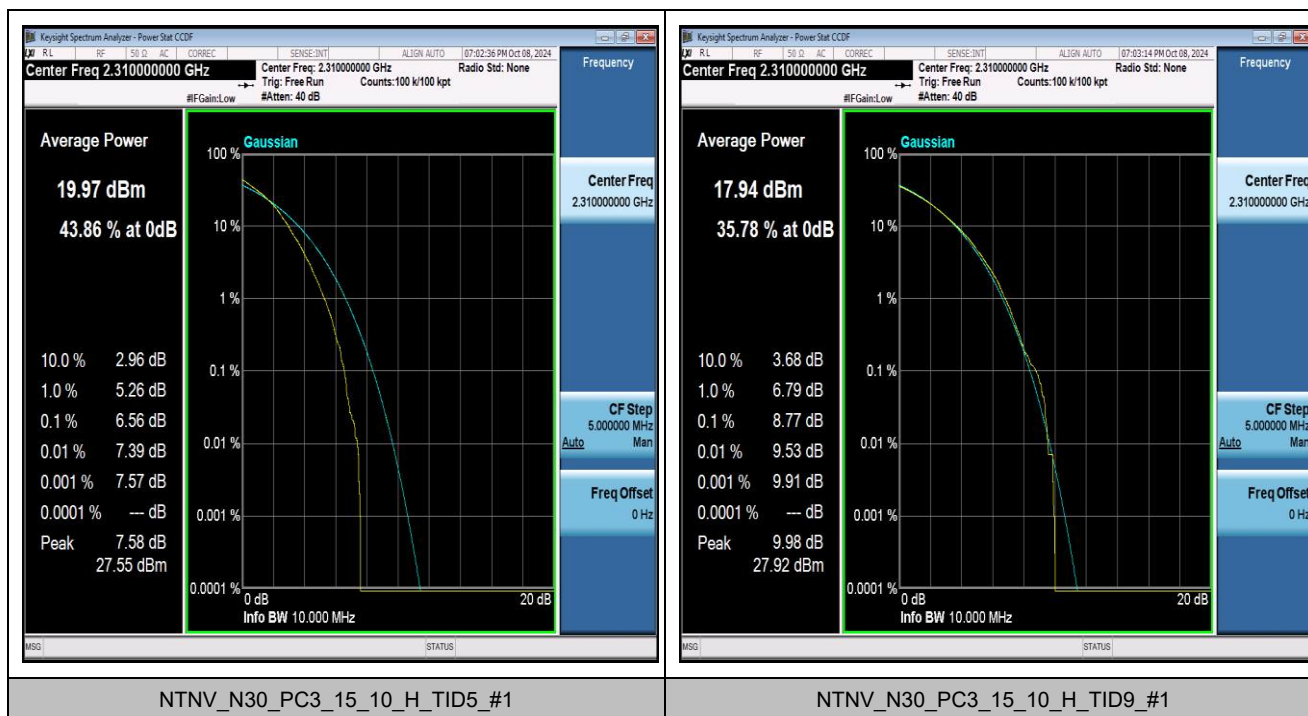
Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N30	15	10	DFT-256QAM	L	Outer_Full	6.51	≤13	PASS
N30	15	10	CP-256QAM	L	Outer_Full	8.72	≤13	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	6.45	≤13	PASS
N30	15	10	CP-256QAM	M	Outer_Full	8.66	≤13	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	6.56	≤13	PASS
N30	15	10	CP-256QAM	H	Outer_Full	8.77	≤13	PASS

Test Graphs





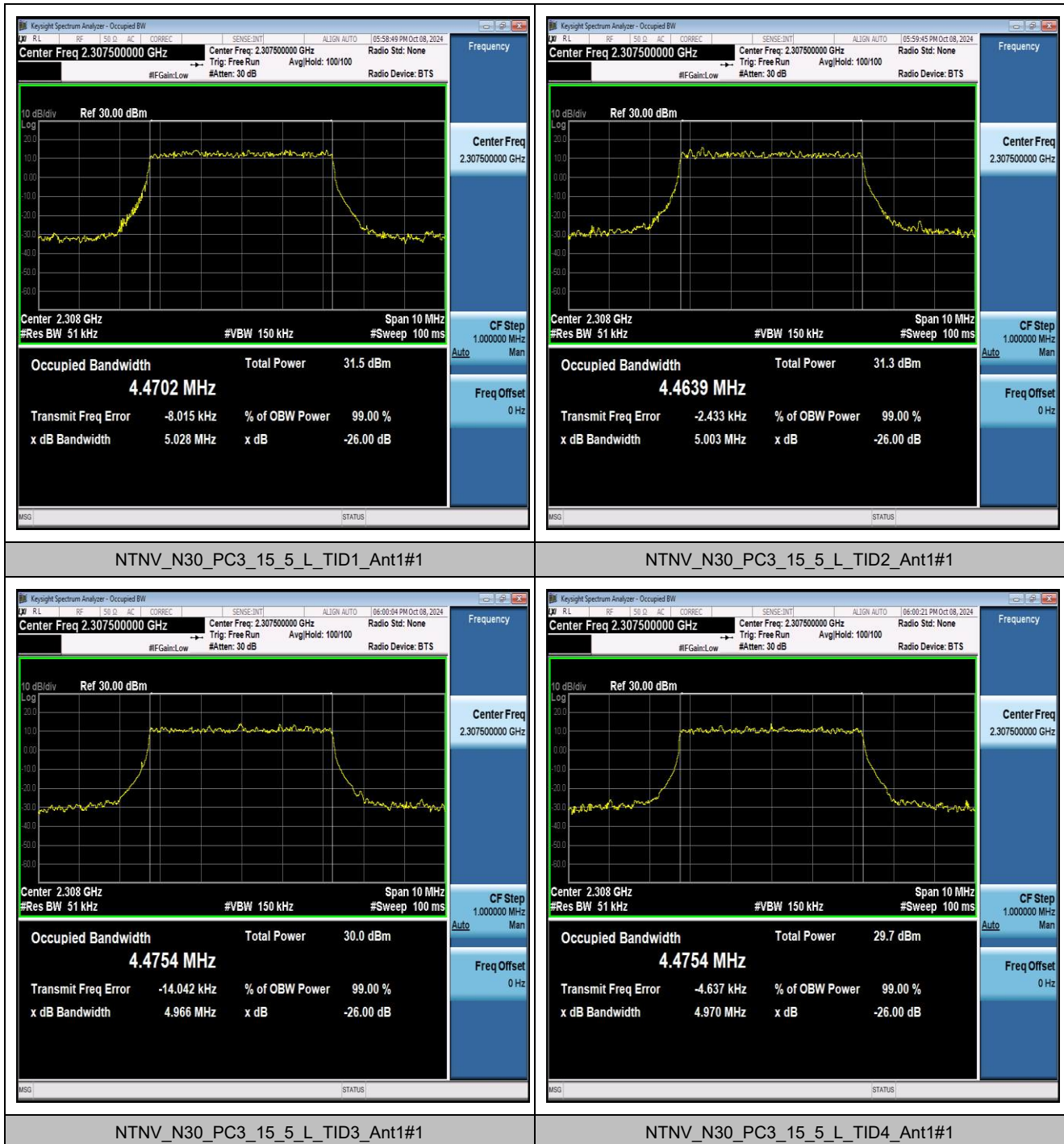
26dB Bandwidth and Occupied Bandwidth for SA

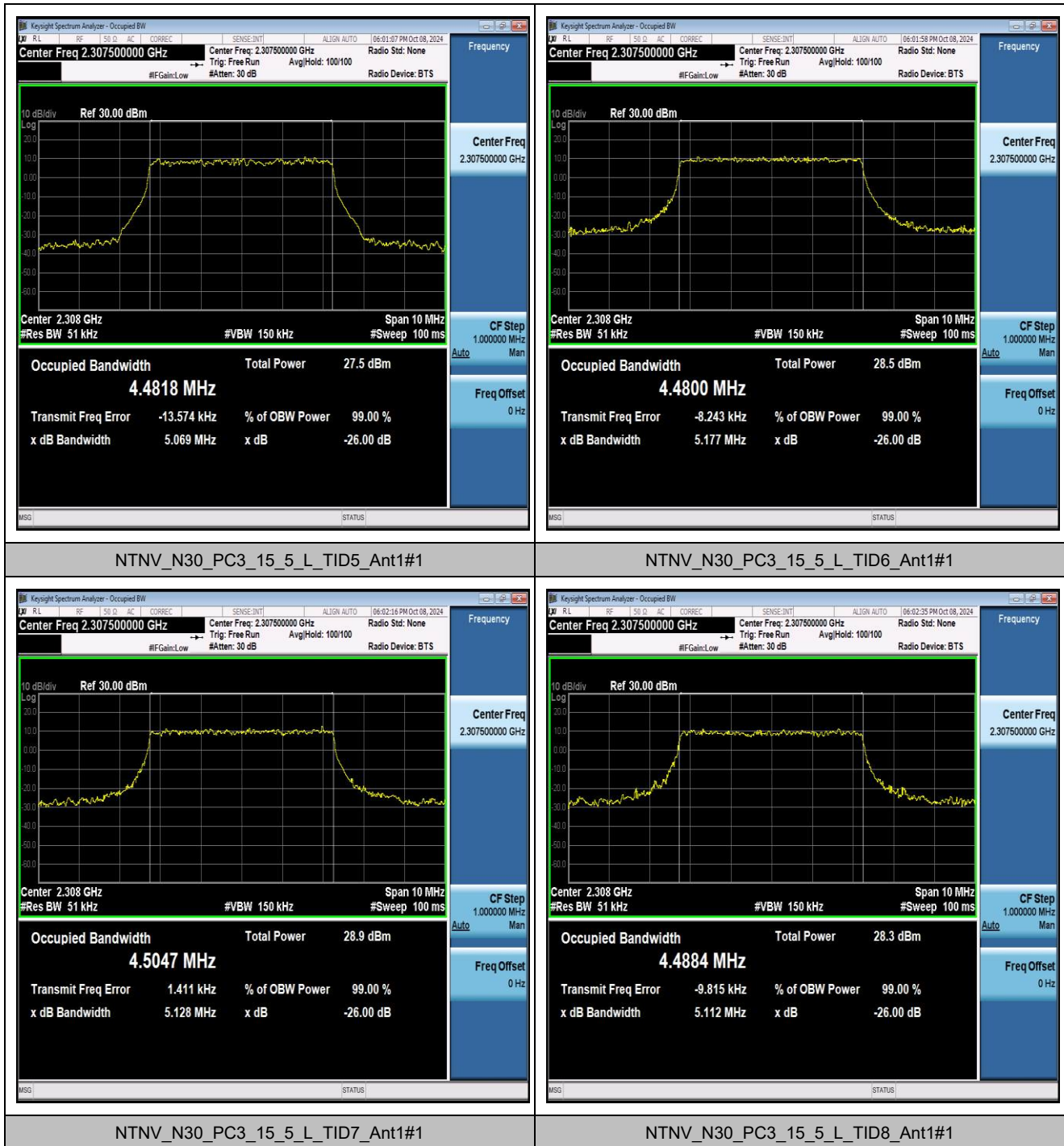
Test Result

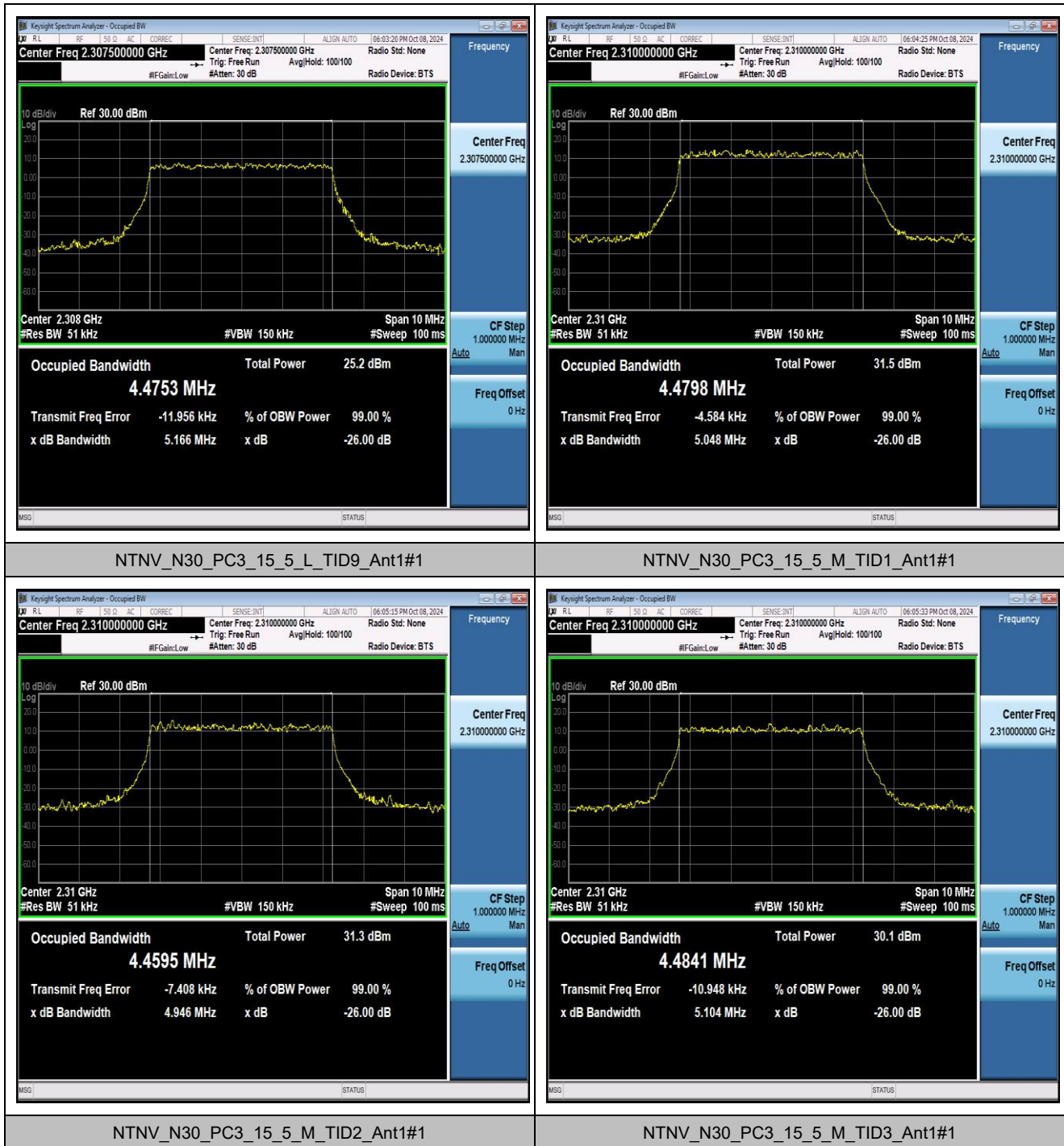
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N30	15	5	DFT-PI2BPSK	L	Outer_Full	4.4702	5.028	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	4.4639	5.003	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	4.4754	4.966	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	4.4754	4.970	PASS
N30	15	5	DFT-256QAM	L	Outer_Full	4.4818	5.069	PASS
N30	15	5	CP-QPSK	L	Outer_Full	4.4800	5.177	PASS
N30	15	5	CP-16QAM	L	Outer_Full	4.5047	5.128	PASS
N30	15	5	CP-64QAM	L	Outer_Full	4.4884	5.112	PASS
N30	15	5	CP-256QAM	L	Outer_Full	4.4753	5.166	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	4.4798	5.048	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	4.4595	4.946	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	4.4841	5.104	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	4.4701	4.880	PASS
N30	15	5	DFT-256QAM	M	Outer_Full	4.4778	5.000	PASS
N30	15	5	CP-QPSK	M	Outer_Full	4.4878	5.130	PASS
N30	15	5	CP-16QAM	M	Outer_Full	4.4941	5.134	PASS
N30	15	5	CP-64QAM	M	Outer_Full	4.4898	5.155	PASS
N30	15	5	CP-256QAM	M	Outer_Full	4.4793	5.168	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	4.4702	5.018	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	4.4578	4.981	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	4.4827	5.044	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	4.4856	4.761	PASS
N30	15	5	DFT-256QAM	H	Outer_Full	4.4764	5.077	PASS
N30	15	5	CP-QPSK	H	Outer_Full	4.4701	5.104	PASS
N30	15	5	CP-16QAM	H	Outer_Full	4.5137	5.173	PASS
N30	15	5	CP-64QAM	H	Outer_Full	4.4841	5.136	PASS
N30	15	5	CP-256QAM	H	Outer_Full	4.4816	5.195	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	8.9158	9.653	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	8.9234	9.713	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	8.9556	9.662	PASS
N30	15	10	DFT-64QAM	L	Outer_Full	8.9375	9.582	PASS
N30	15	10	DFT-256QAM	L	Outer_Full	8.9390	9.819	PASS
N30	15	10	CP-QPSK	L	Outer_Full	9.2948	10.75	PASS
N30	15	10	CP-16QAM	L	Outer_Full	9.2887	10.17	PASS
N30	15	10	CP-64QAM	L	Outer_Full	9.2919	9.568	PASS
N30	15	10	CP-256QAM	L	Outer_Full	9.3009	10.30	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	8.9091	9.666	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	8.9201	9.728	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	8.9587	9.652	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	8.9364	9.552	PASS

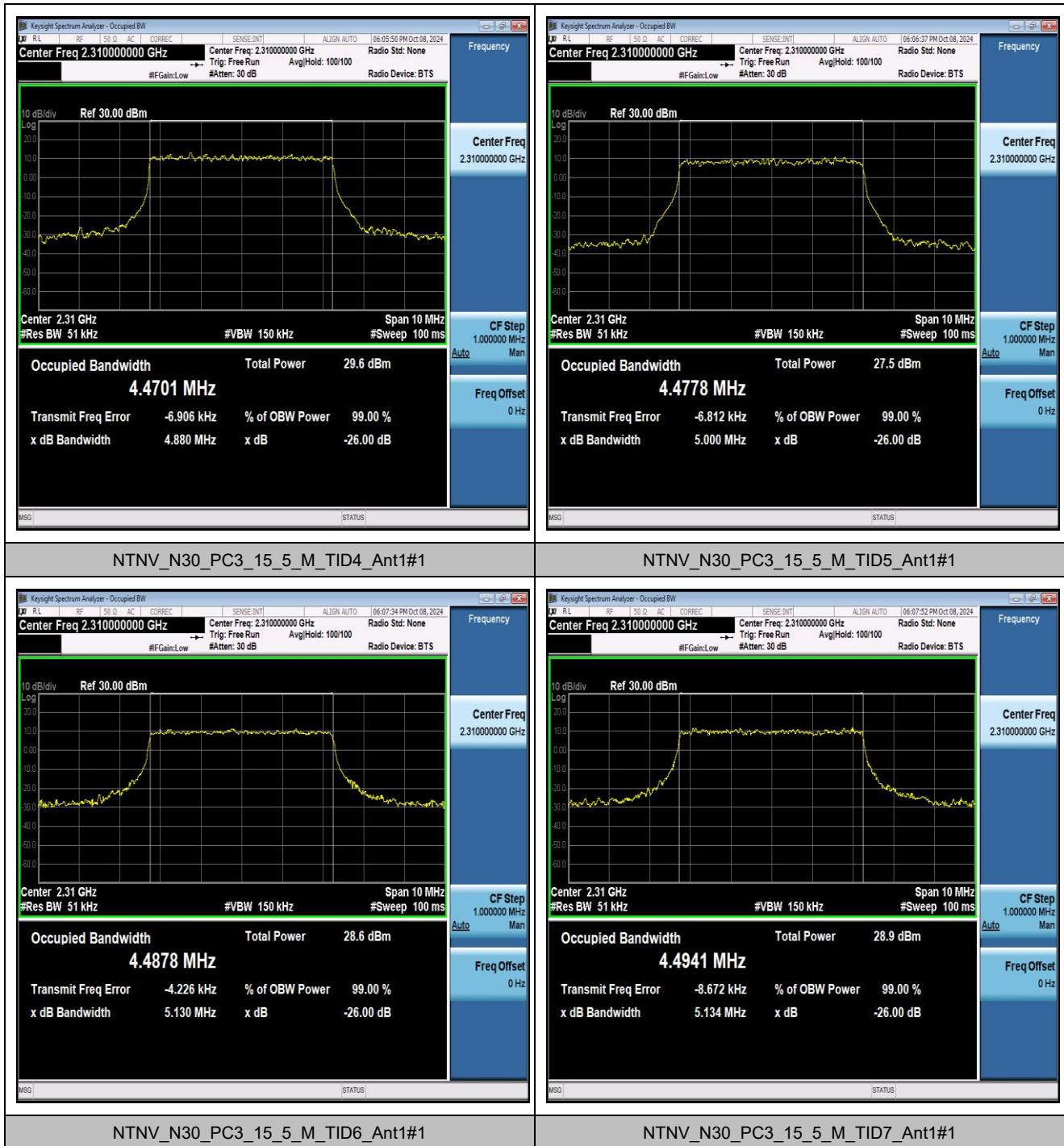
N30	15	10	DFT-256QAM	M	Outer_Full	8.9382	9.883	PASS
N30	15	10	CP-QPSK	M	Outer_Full	9.2935	10.72	PASS
N30	15	10	CP-16QAM	M	Outer_Full	9.2937	10.21	PASS
N30	15	10	CP-64QAM	M	Outer_Full	9.2844	10.10	PASS
N30	15	10	CP-256QAM	M	Outer_Full	9.3004	10.29	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	8.9112	9.647	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	8.9262	9.704	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	8.9600	9.669	PASS
N30	15	10	DFT-64QAM	H	Outer_Full	8.9362	9.588	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	8.9386	9.859	PASS
N30	15	10	CP-QPSK	H	Outer_Full	9.2927	10.68	PASS
N30	15	10	CP-16QAM	H	Outer_Full	9.2827	10.11	PASS
N30	15	10	CP-64QAM	H	Outer_Full	9.2834	10.08	PASS
N30	15	10	CP-256QAM	H	Outer_Full	9.2972	10.25	PASS

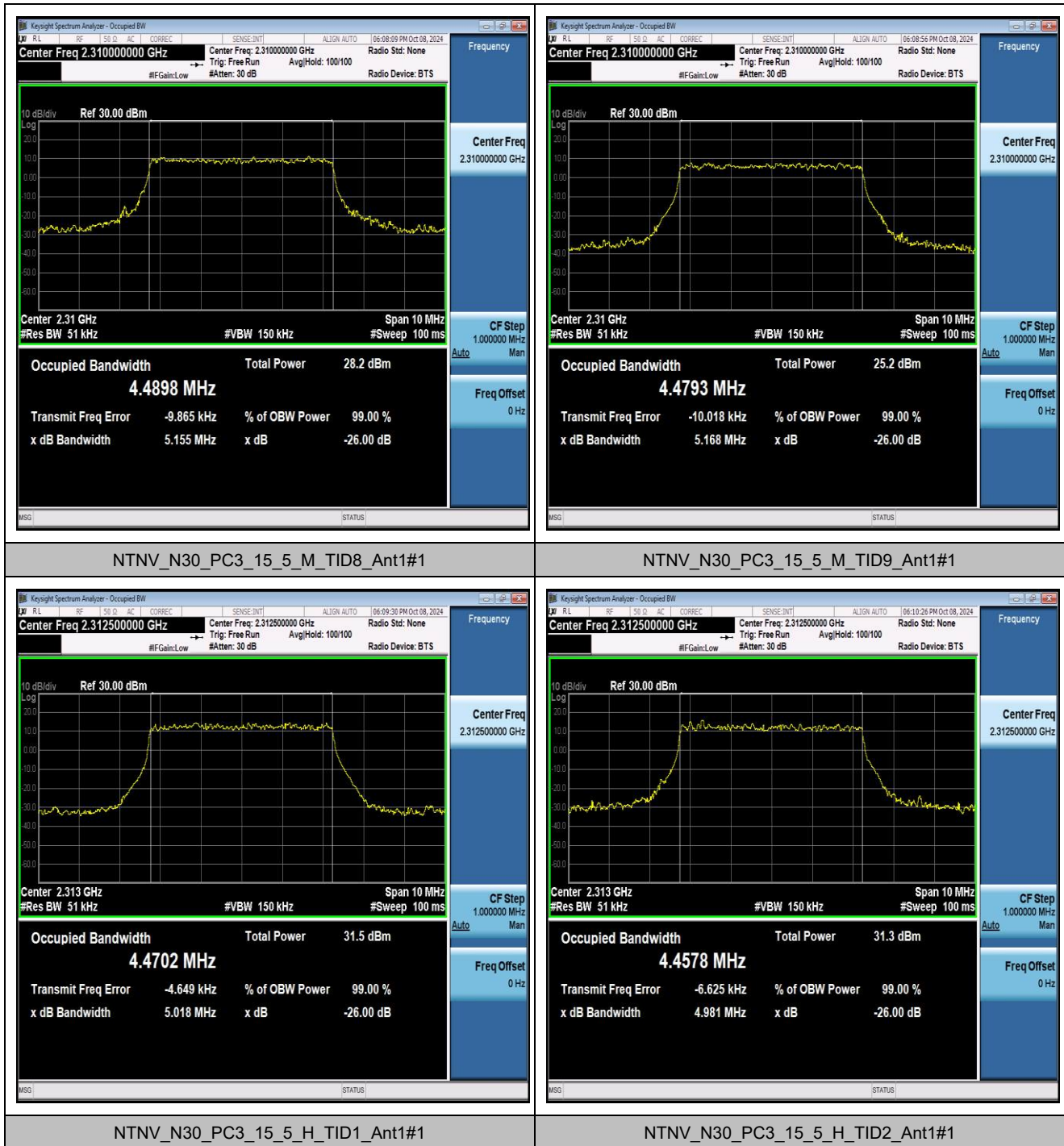
Test Graphs

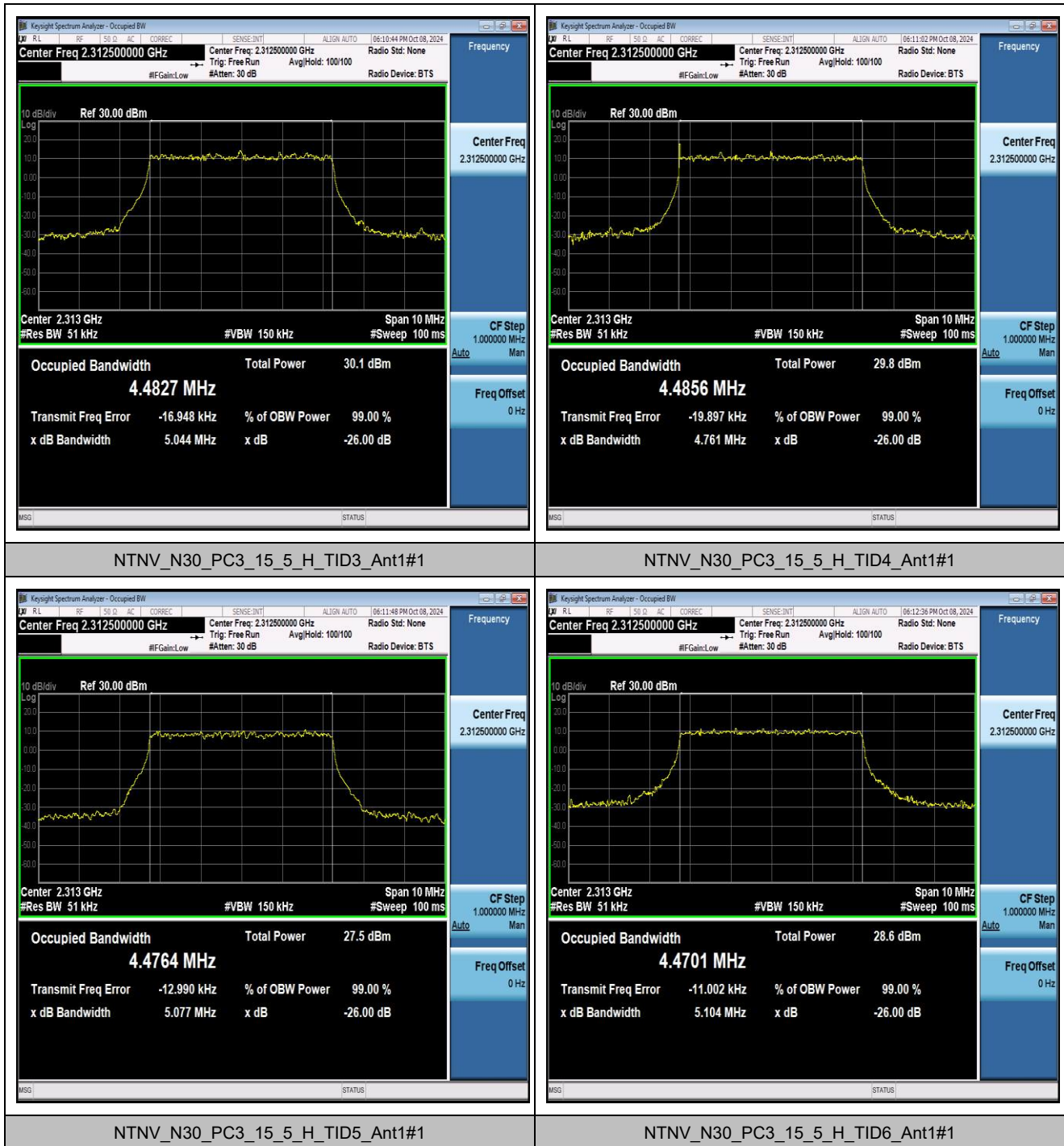


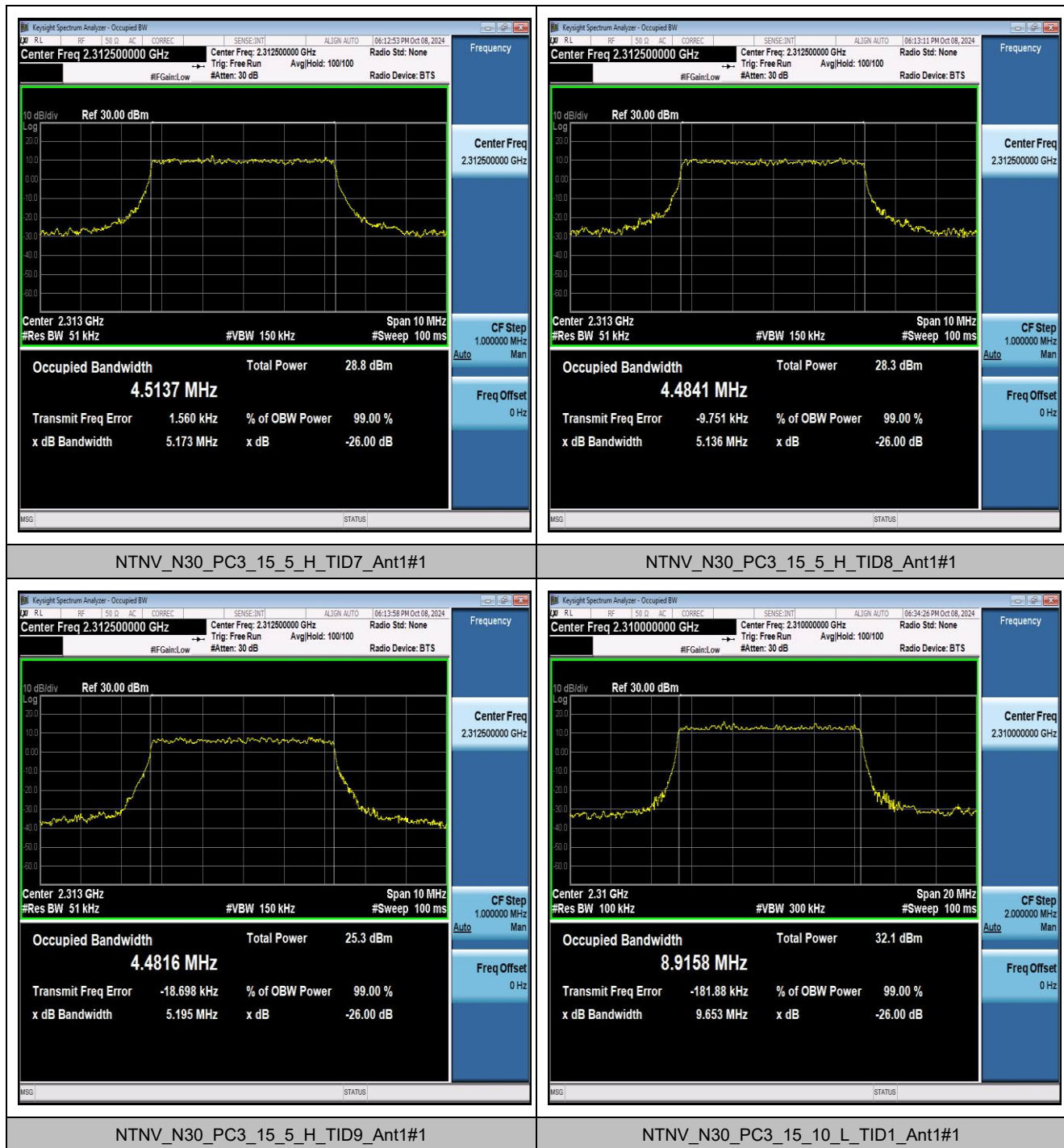


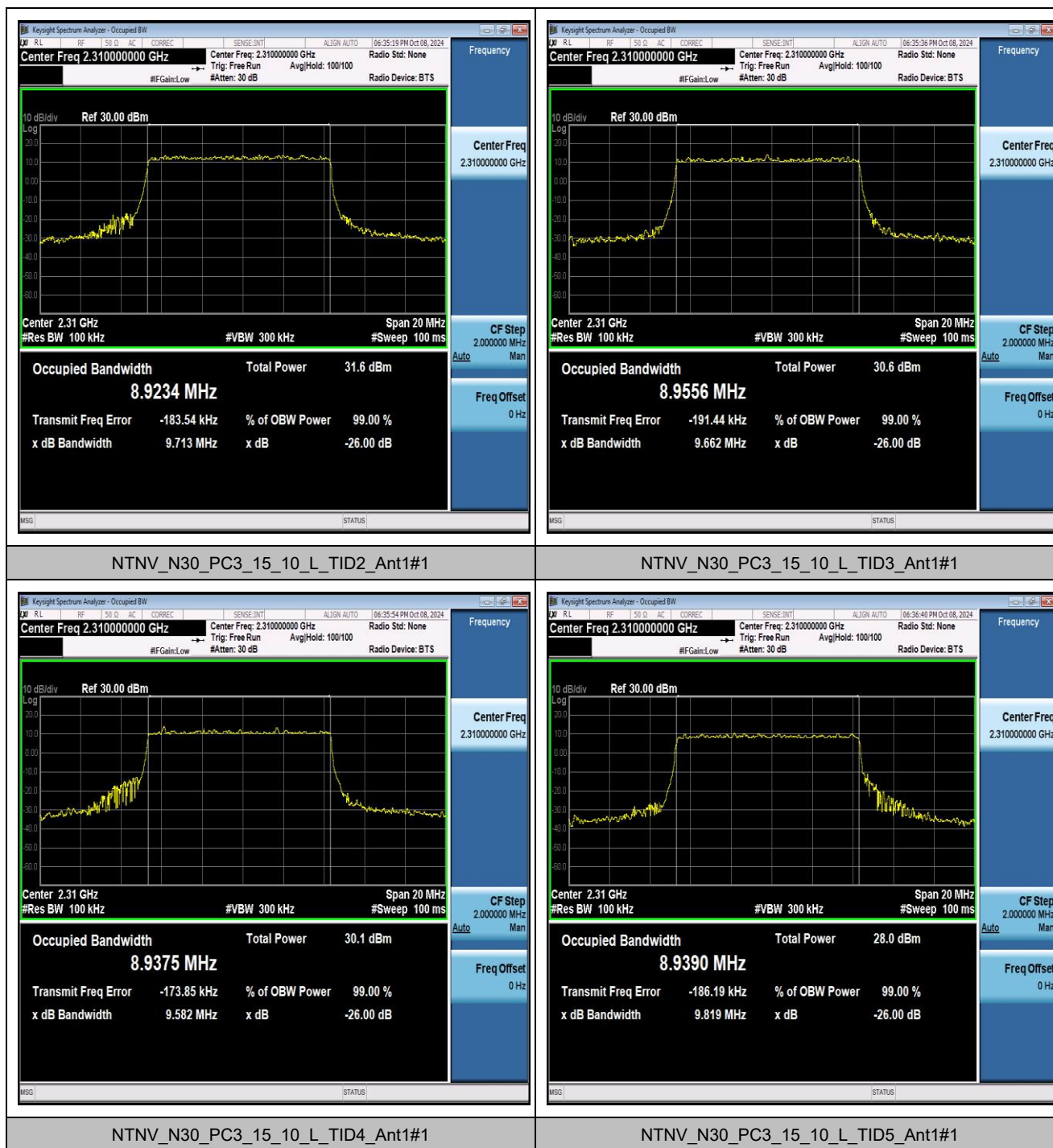


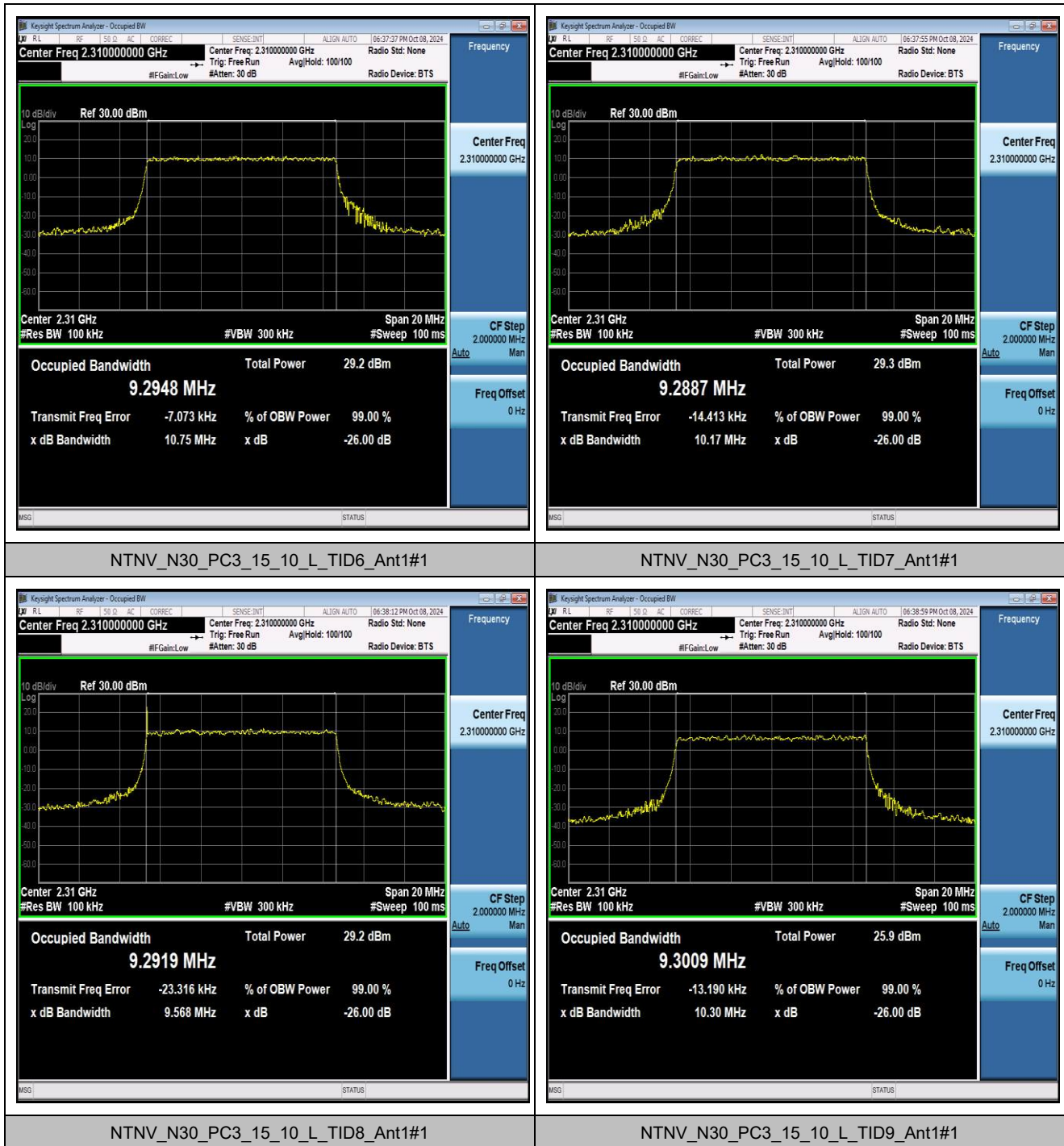


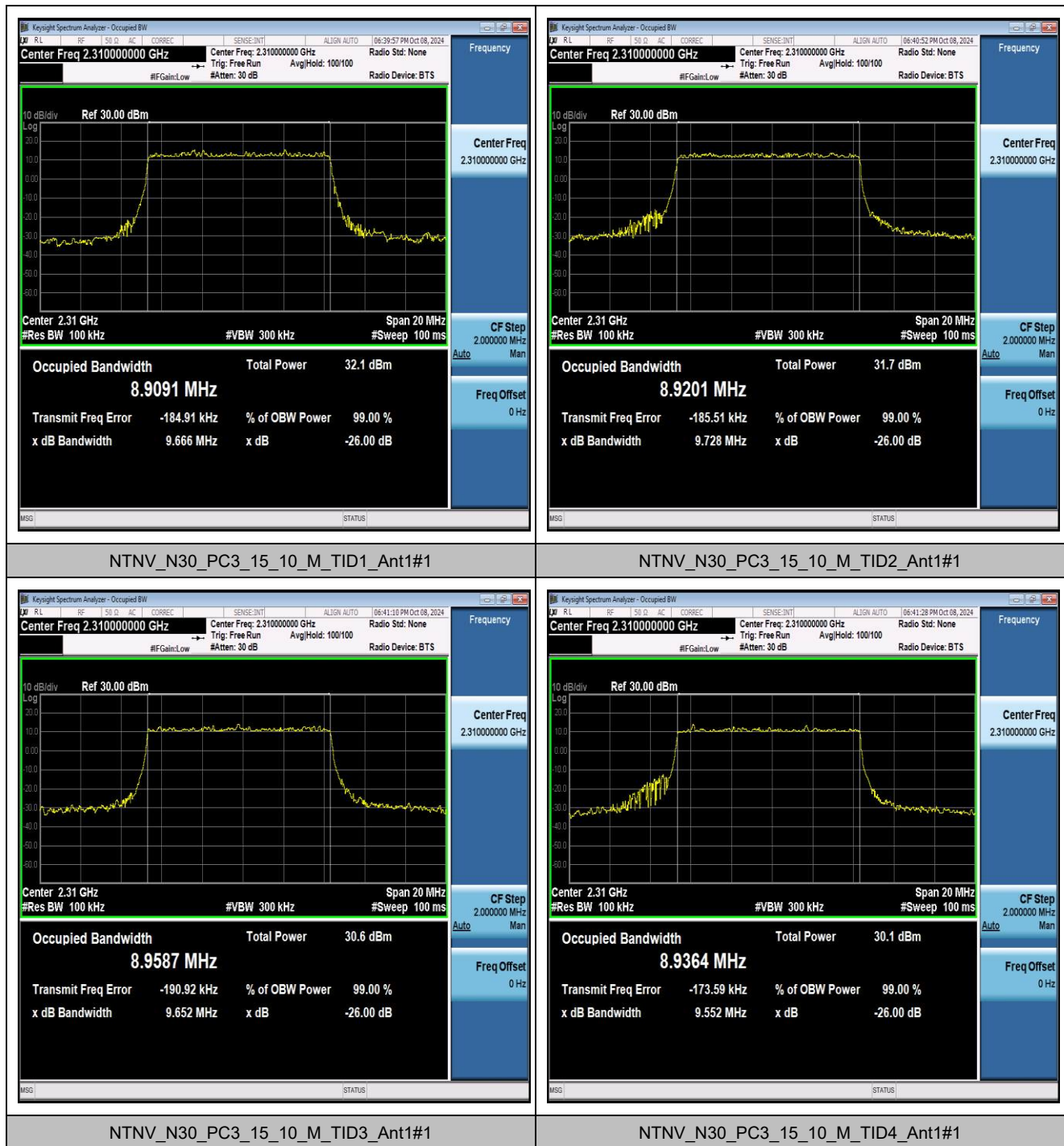


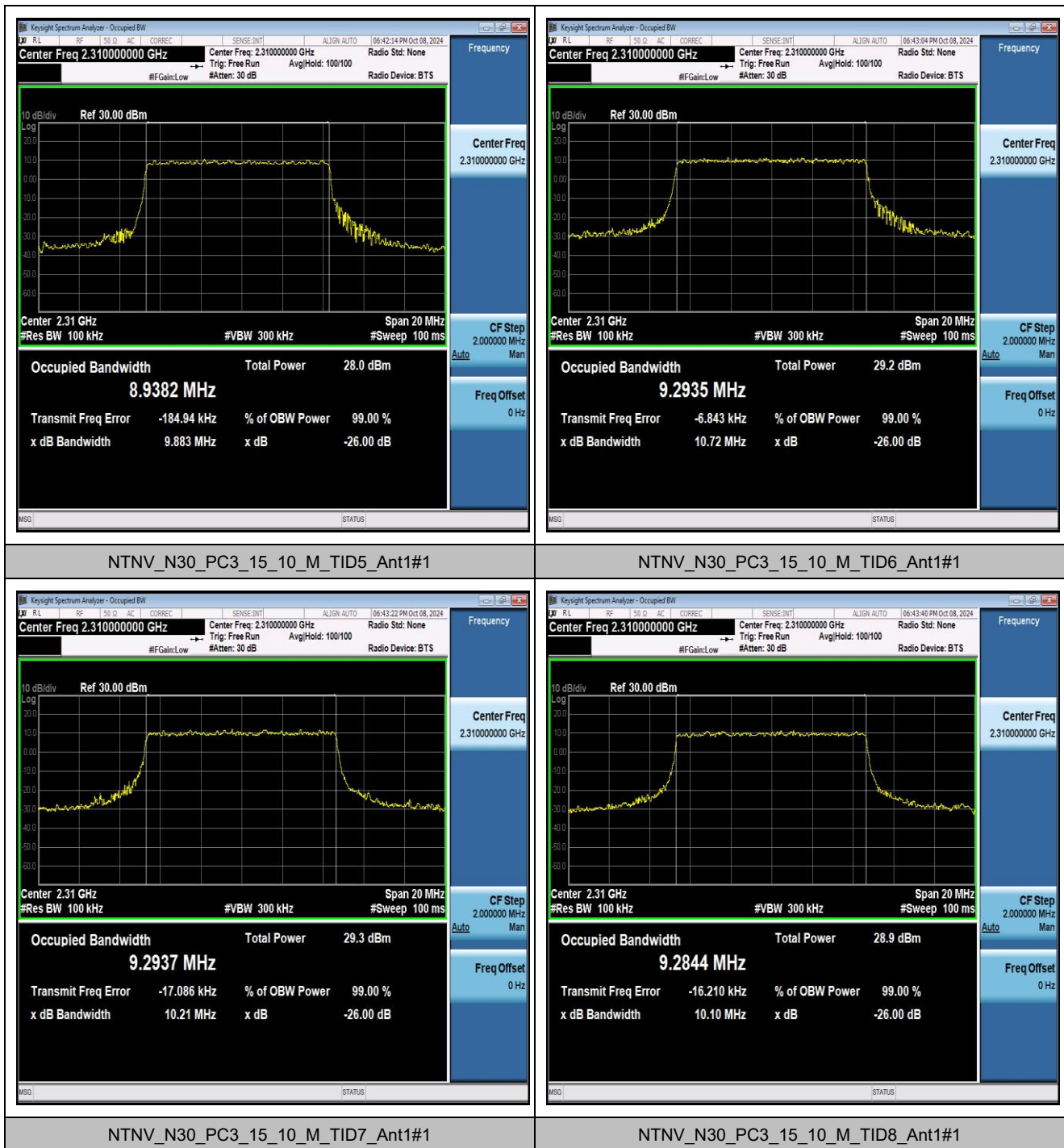


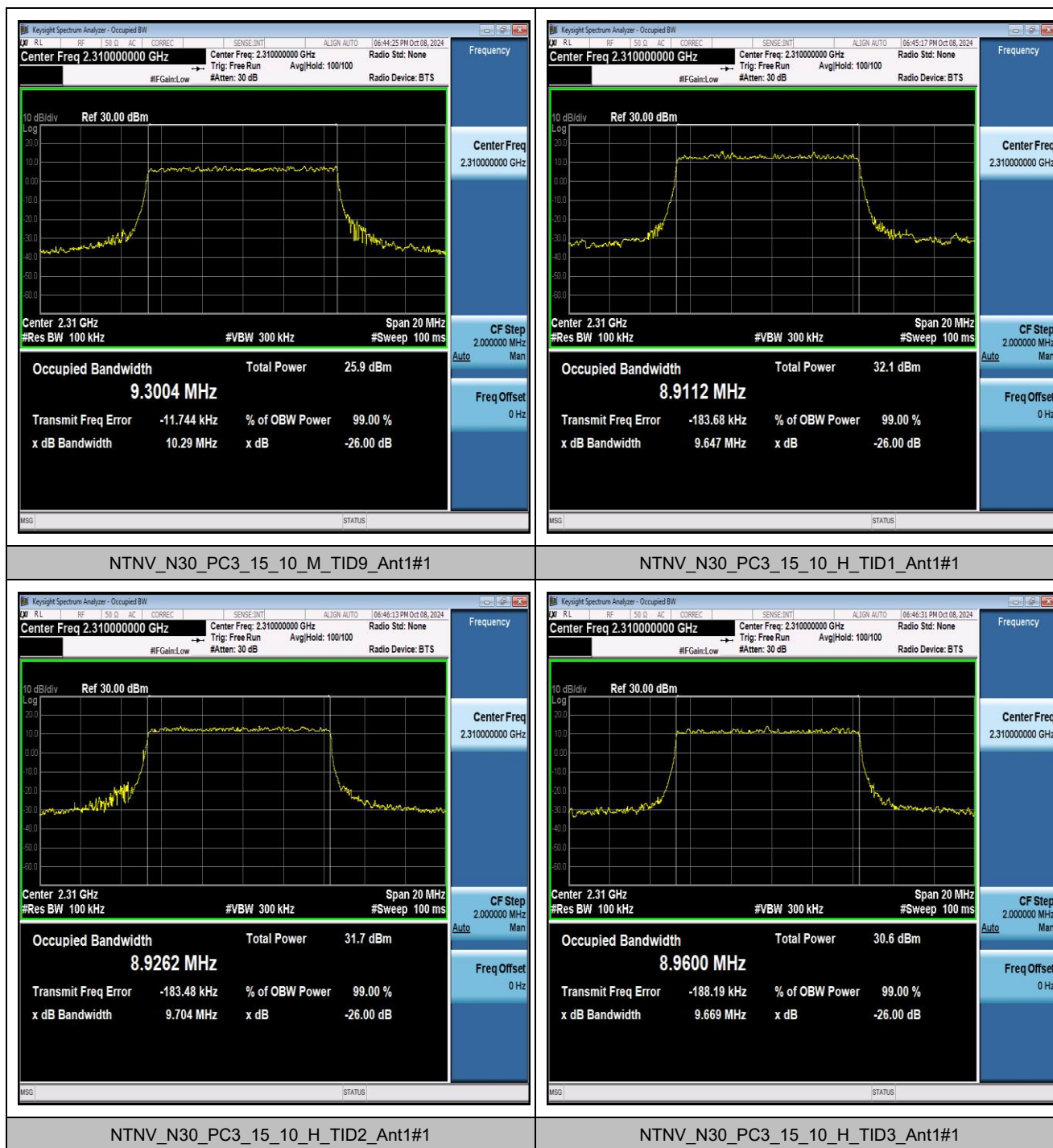


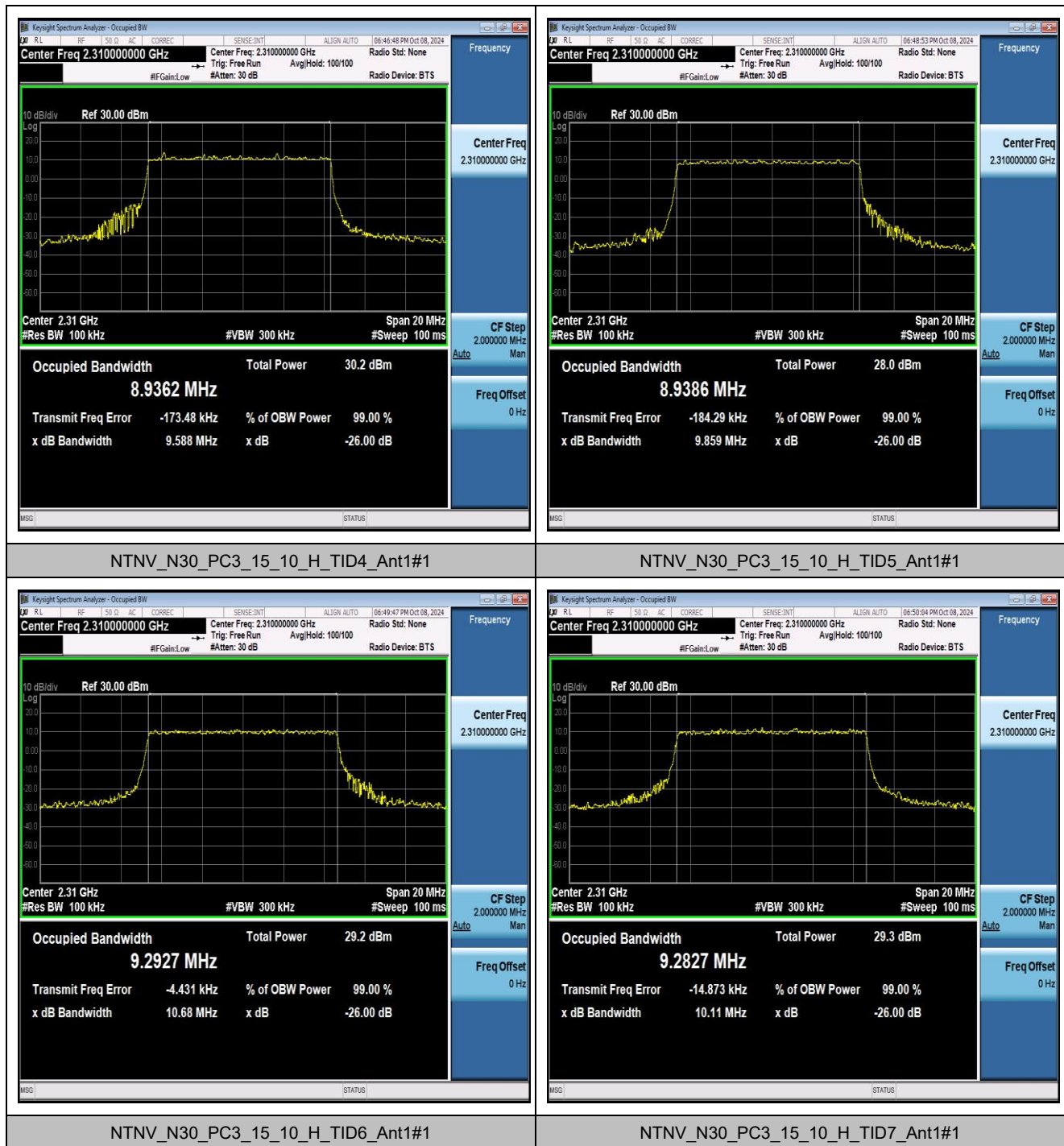


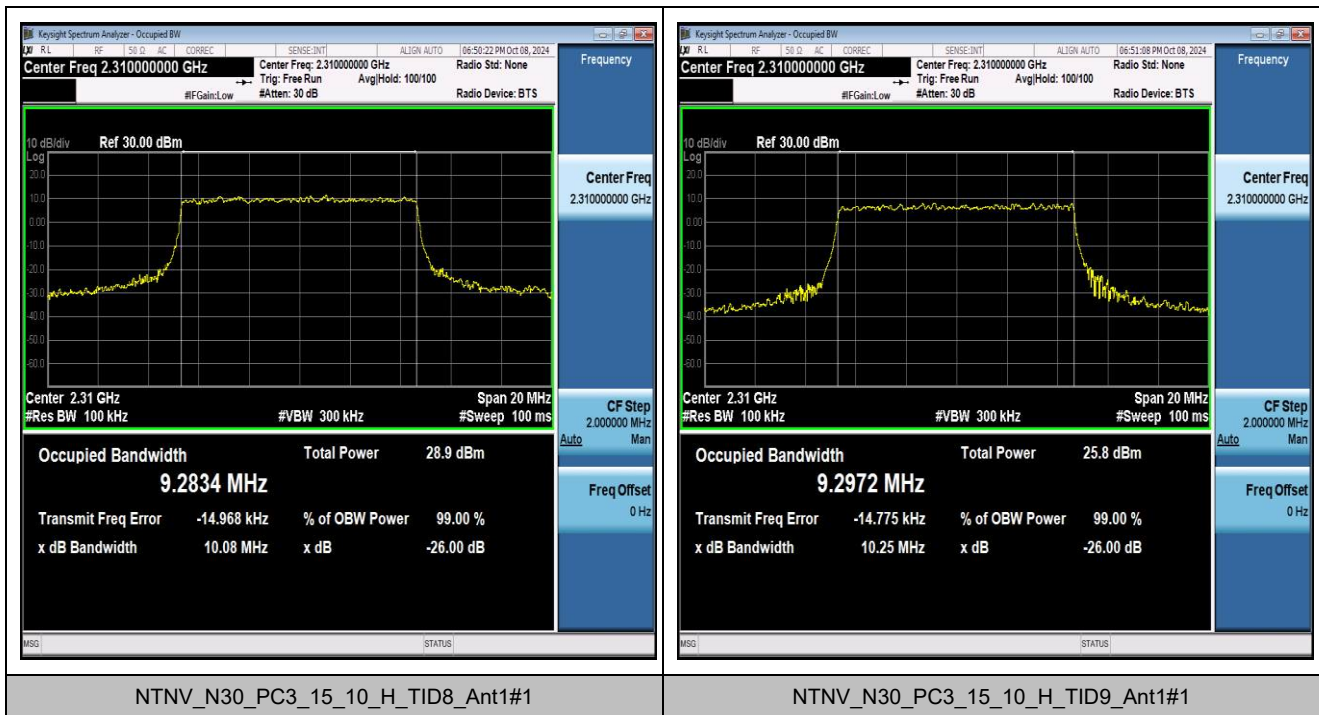












Band Edge for SA

Test Graphs

