

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-PI2BPSK	L	Outer_Full	21.71	21.93	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_Full	22.37	22.59	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	22.33	22.55	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	22.17	22.39	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	21.27	21.49	PASS
N30	15	5	DFT-QPSK	L	Inner_Full	22.33	22.55	PASS
N30	15	5	DFT-QPSK	L	Inner_1RB_Left	22.14	22.36	PASS
N30	15	5	DFT-QPSK	L	Inner_1RB_Right	22.04	22.26	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	20.32	20.54	PASS
N30	15	5	DFT-16QAM	L	Inner_Full	21.34	21.56	PASS
N30	15	5	DFT-16QAM	L	Inner_1RB_Left	21.21	21.43	PASS
N30	15	5	DFT-16QAM	L	Inner_1RB_Right	21.12	21.34	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	19.78	20	PASS
N30	15	5	DFT-64QAM	L	Inner_Full	19.90	20.12	PASS
N30	15	5	DFT-64QAM	L	Inner_1RB_Left	20.01	20.23	PASS
N30	15	5	DFT-64QAM	L	Inner_1RB_Right	19.92	20.14	PASS
N30	15	5	DFT-256QAM	L	Outer_Full	17.81	18.03	PASS
N30	15	5	DFT-256QAM	L	Inner_Full	17.83	18.05	PASS
N30	15	5	DFT-256QAM	L	Inner_1RB_Left	17.32	17.54	PASS
N30	15	5	DFT-256QAM	L	Inner_1RB_Right	17.21	17.43	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	21.73	21.95	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_Full	22.39	22.61	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	22.33	22.55	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	22.18	22.4	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	21.33	21.55	PASS
N30	15	5	DFT-QPSK	M	Inner_Full	22.31	22.53	PASS
N30	15	5	DFT-QPSK	M	Inner_1RB_Left	22.25	22.47	PASS
N30	15	5	DFT-QPSK	M	Inner_1RB_Right	22.11	22.33	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	20.37	20.59	PASS
N30	15	5	DFT-16QAM	M	Inner_Full	21.38	21.6	PASS
N30	15	5	DFT-16QAM	M	Inner_1RB_Left	21.33	21.55	PASS
N30	15	5	DFT-16QAM	M	Inner_1RB_Right	21.10	21.32	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	19.71	19.93	PASS
N30	15	5	DFT-64QAM	M	Inner_Full	19.84	20.06	PASS
N30	15	5	DFT-64QAM	M	Inner_1RB_Left	20.05	20.27	PASS
N30	15	5	DFT-64QAM	M	Inner_1RB_Right	19.90	20.12	PASS
N30	15	5	DFT-256QAM	M	Outer_Full	17.81	18.03	PASS

N30	15	5	DFT-256QAM	M	Inner_Full	17.92	18.14	PASS
N30	15	5	DFT-256QAM	M	Inner_1RB_Left	17.37	17.59	PASS
N30	15	5	DFT-256QAM	M	Inner_1RB_Right	17.21	17.43	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	21.84	22.06	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_Full	22.45	22.67	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	22.35	22.57	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	22.12	22.34	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	21.30	21.52	PASS
N30	15	5	DFT-QPSK	H	Inner_Full	22.36	22.58	PASS
N30	15	5	DFT-QPSK	H	Inner_1RB_Left	22.26	22.48	PASS
N30	15	5	DFT-QPSK	H	Inner_1RB_Right	22.07	22.29	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	20.31	20.53	PASS
N30	15	5	DFT-16QAM	H	Inner_Full	21.25	21.47	PASS
N30	15	5	DFT-16QAM	H	Inner_1RB_Left	21.24	21.46	PASS
N30	15	5	DFT-16QAM	H	Inner_1RB_Right	21.12	21.34	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	19.78	20	PASS
N30	15	5	DFT-64QAM	H	Inner_Full	19.79	20.01	PASS
N30	15	5	DFT-64QAM	H	Inner_1RB_Left	20.06	20.28	PASS
N30	15	5	DFT-64QAM	H	Inner_1RB_Right	19.81	20.03	PASS
N30	15	5	DFT-256QAM	H	Outer_Full	17.83	18.05	PASS
N30	15	5	DFT-256QAM	H	Inner_Full	17.82	18.04	PASS
N30	15	5	DFT-256QAM	H	Inner_1RB_Left	17.35	17.57	PASS
N30	15	5	DFT-256QAM	H	Inner_1RB_Right	17.24	17.46	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	21.79	22.01	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_Full	22.39	22.61	PASS
N30	15	10	DFT-PI2BPSK	L	Edge_1RB_Left	22.45	22.67	PASS
N30	15	10	DFT-PI2BPSK	L	Edge_1RB_Right	22.26	22.48	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	21.28	21.5	PASS
N30	15	10	DFT-QPSK	L	Inner_Full	22.38	22.6	PASS
N30	15	10	DFT-QPSK	L	Inner_1RB_Left	22.34	22.56	PASS
N30	15	10	DFT-QPSK	L	Inner_1RB_Right	22.19	22.41	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	20.33	20.55	PASS
N30	15	10	DFT-16QAM	L	Inner_Full	21.37	21.59	PASS
N30	15	10	DFT-16QAM	L	Inner_1RB_Left	21.26	21.48	PASS
N30	15	10	DFT-16QAM	L	Inner_1RB_Right	21.19	21.41	PASS
N30	15	10	DFT-64QAM	L	Outer_Full	19.87	20.09	PASS
N30	15	10	DFT-64QAM	L	Inner_Full	19.84	20.06	PASS
N30	15	10	DFT-64QAM	L	Inner_1RB_Left	20.05	20.27	PASS
N30	15	10	DFT-64QAM	L	Inner_1RB_Right	19.84	20.06	PASS
N30	15	10	DFT-256QAM	L	Outer_Full	17.90	18.12	PASS
N30	15	10	DFT-256QAM	L	Inner_Full	17.83	18.05	PASS
N30	15	10	DFT-256QAM	L	Inner_1RB_Left	17.40	17.62	PASS
N30	15	10	DFT-256QAM	L	Inner_1RB_Right	17.12	17.34	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	21.76	21.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_Full	22.36	22.58	PASS

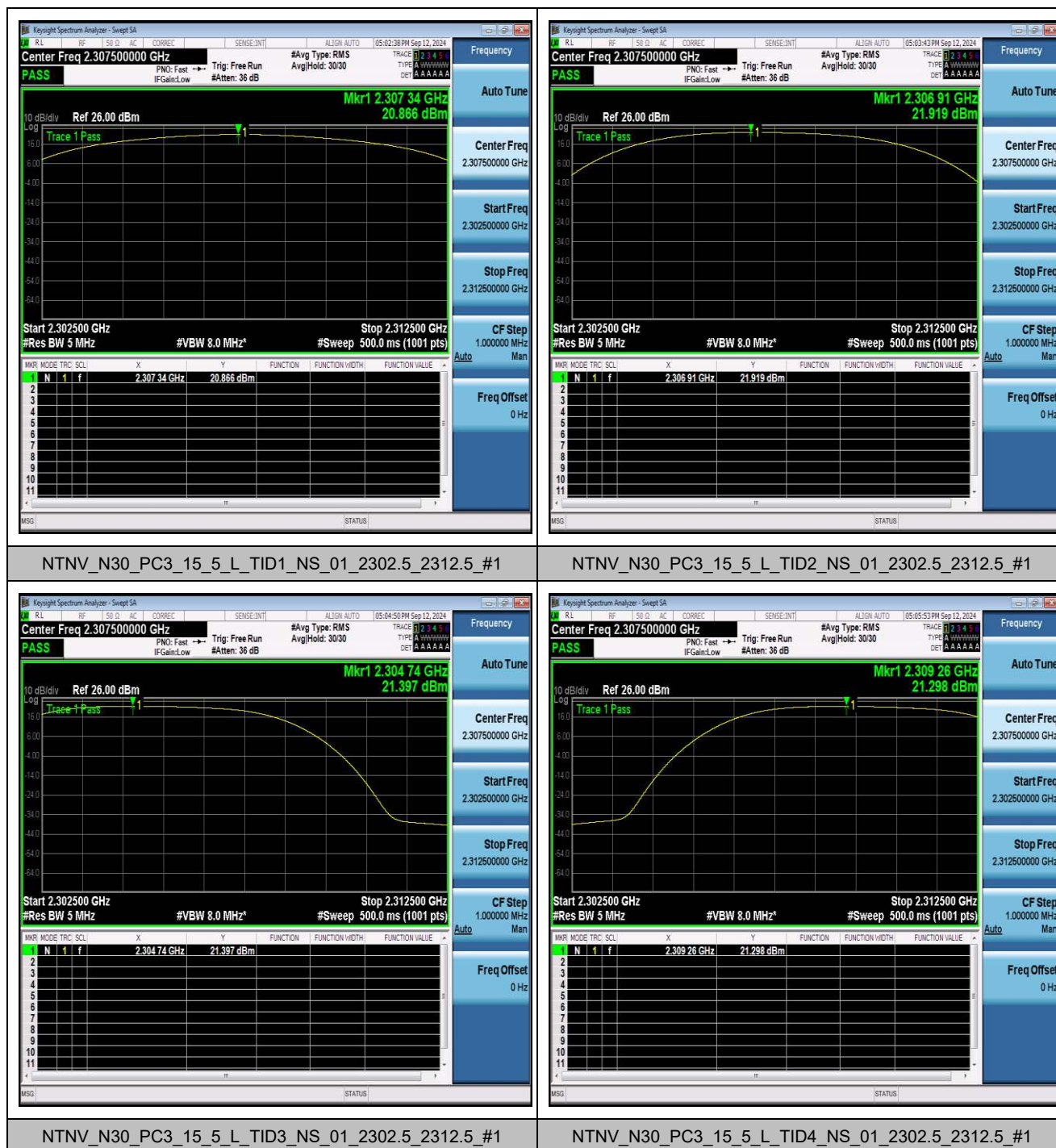
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	22.40	22.62	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	22.38	22.6	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	21.28	21.5	PASS
N30	15	10	DFT-QPSK	M	Inner_Full	22.35	22.57	PASS
N30	15	10	DFT-QPSK	M	Inner_1RB_Left	22.31	22.53	PASS
N30	15	10	DFT-QPSK	M	Inner_1RB_Right	22.15	22.37	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	20.27	20.49	PASS
N30	15	10	DFT-16QAM	M	Inner_Full	21.32	21.54	PASS
N30	15	10	DFT-16QAM	M	Inner_1RB_Left	21.29	21.51	PASS
N30	15	10	DFT-16QAM	M	Inner_1RB_Right	21.13	21.35	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	19.88	20.1	PASS
N30	15	10	DFT-64QAM	M	Inner_Full	19.87	20.09	PASS
N30	15	10	DFT-64QAM	M	Inner_1RB_Left	20.08	20.3	PASS
N30	15	10	DFT-64QAM	M	Inner_1RB_Right	19.87	20.09	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	17.84	18.06	PASS
N30	15	10	DFT-256QAM	M	Inner_Full	17.86	18.08	PASS
N30	15	10	DFT-256QAM	M	Inner_1RB_Left	17.46	17.68	PASS
N30	15	10	DFT-256QAM	M	Inner_1RB_Right	17.17	17.39	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	21.80	22.02	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_Full	22.39	22.61	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.44	22.66	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	22.33	22.55	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	21.27	21.49	PASS
N30	15	10	DFT-QPSK	H	Inner_Full	22.38	22.6	PASS
N30	15	10	DFT-QPSK	H	Inner_1RB_Left	22.31	22.53	PASS
N30	15	10	DFT-QPSK	H	Inner_1RB_Right	22.15	22.37	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	20.30	20.52	PASS
N30	15	10	DFT-16QAM	H	Inner_Full	21.34	21.56	PASS
N30	15	10	DFT-16QAM	H	Inner_1RB_Left	21.24	21.46	PASS
N30	15	10	DFT-16QAM	H	Inner_1RB_Right	21.16	21.38	PASS
N30	15	10	DFT-64QAM	H	Outer_Full	19.90	20.12	PASS
N30	15	10	DFT-64QAM	H	Inner_Full	19.89	20.11	PASS
N30	15	10	DFT-64QAM	H	Inner_1RB_Left	20.06	20.28	PASS
N30	15	10	DFT-64QAM	H	Inner_1RB_Right	19.90	20.12	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	17.86	18.08	PASS
N30	15	10	DFT-256QAM	H	Inner_Full	17.89	18.11	PASS
N30	15	10	DFT-256QAM	H	Inner_1RB_Left	17.47	17.69	PASS
N30	15	10	DFT-256QAM	H	Inner_1RB_Right	17.18	17.4	PASS

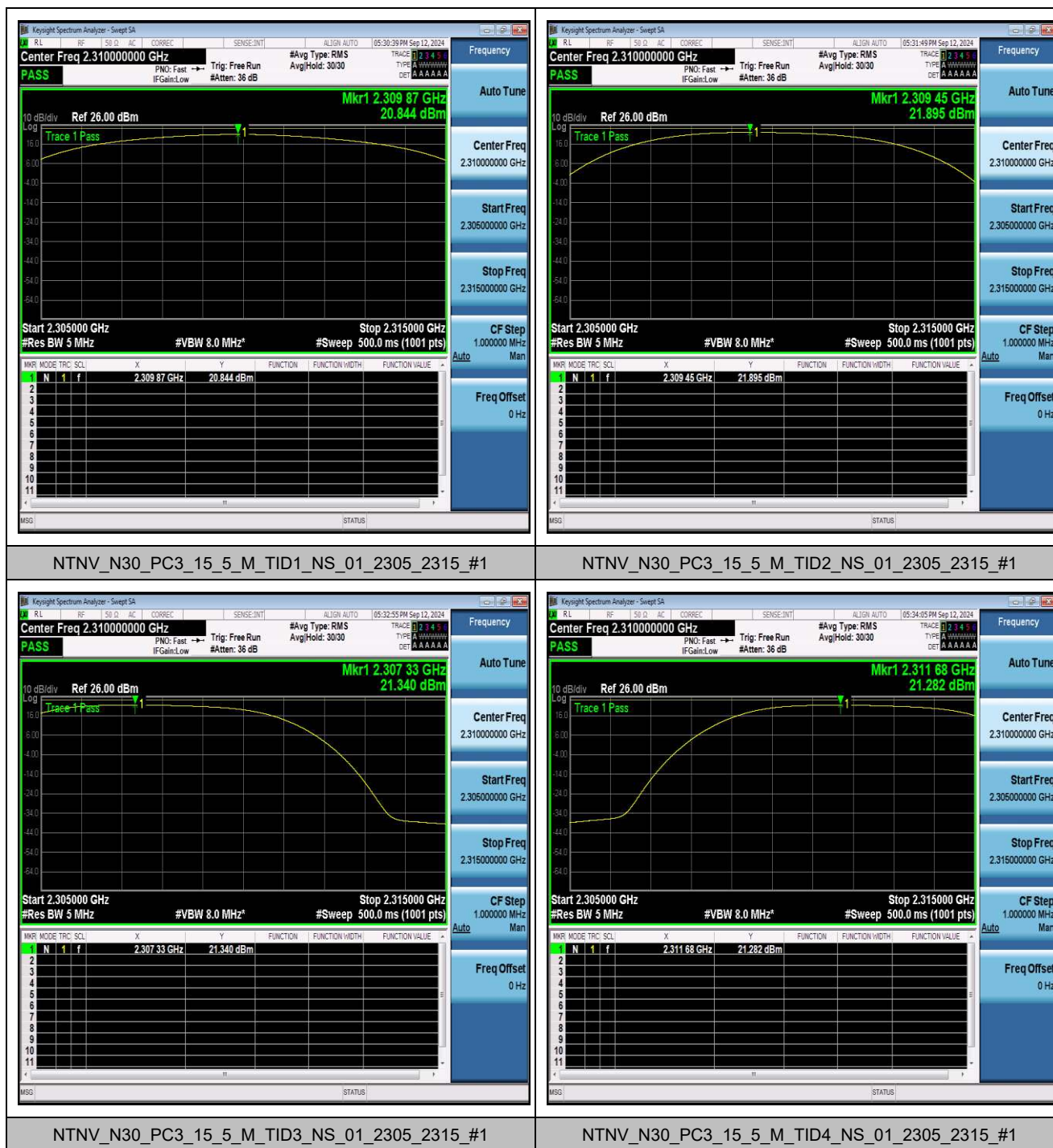
PSD for SA

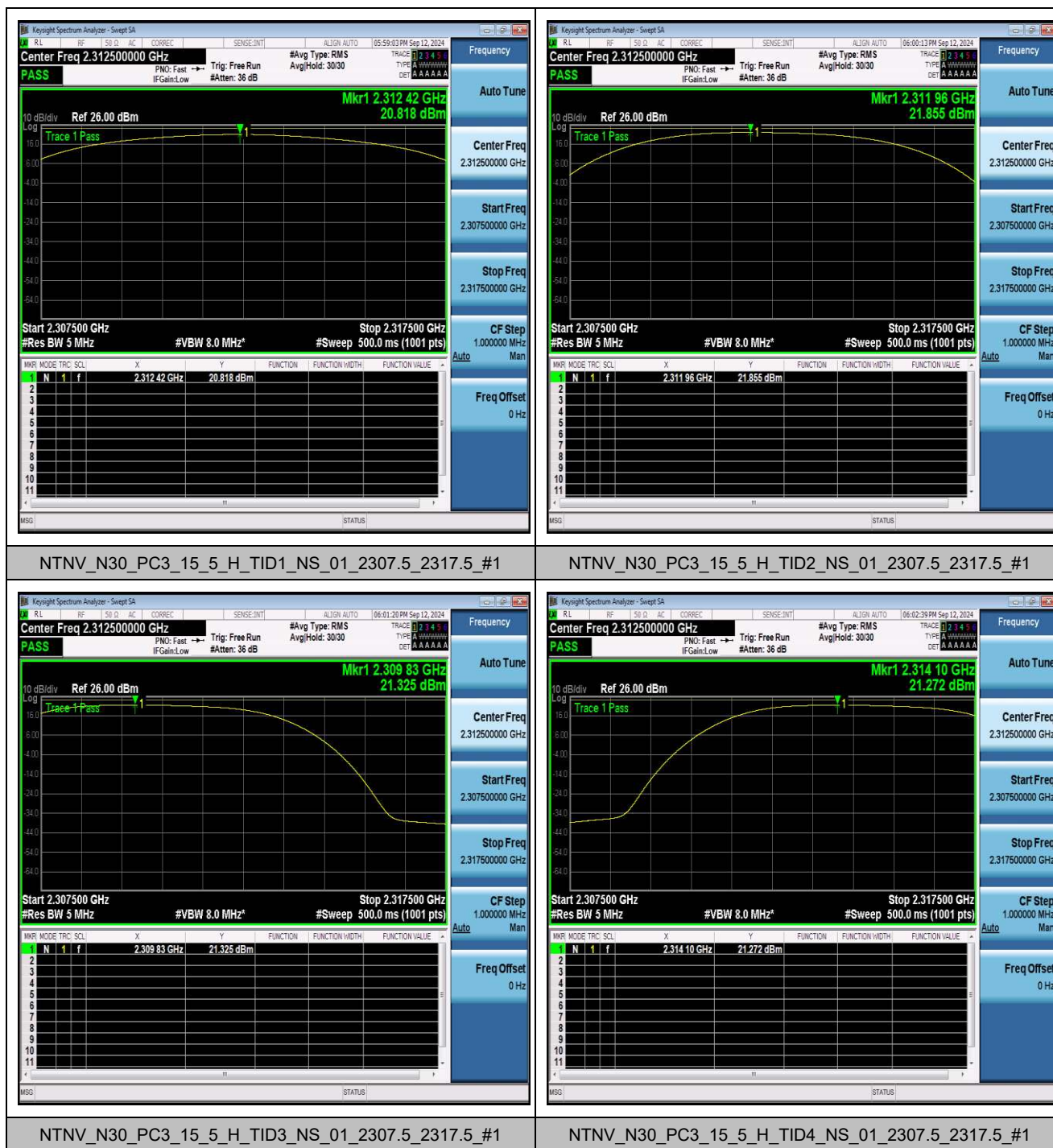
Test Result

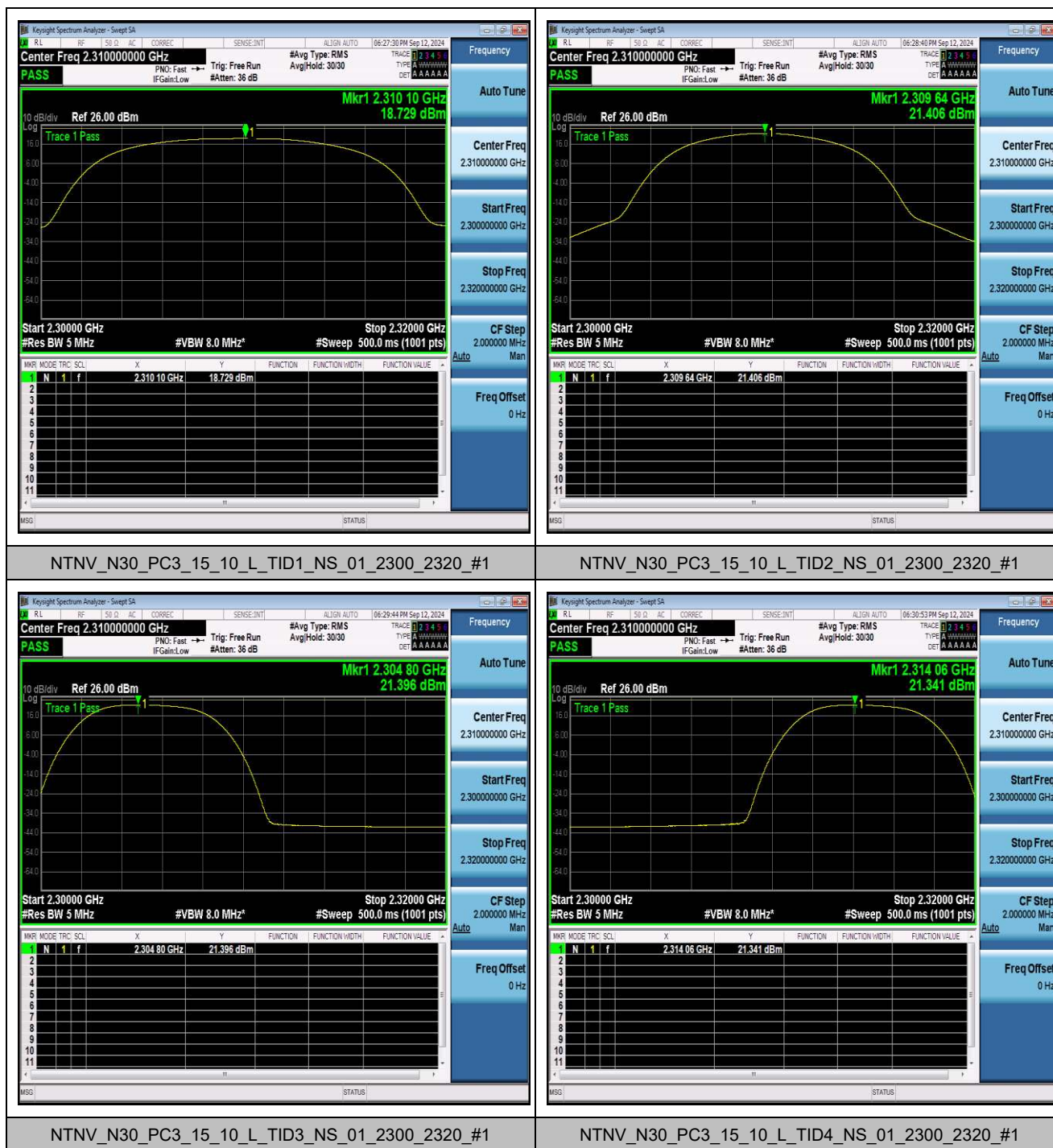
Band	SCS	BW	Modulation	CH	RB Config	Result (dBm/5MHz)	EIRP (dBm/5MHz)	Limit (dBm/5MHz)	Verdict
N30	15	5	DFT-PI2BPSK	L	Outer_Full	20.87	21.09	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_Full	21.92	22.14	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Edge_1RB_Left	21.40	21.62	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Edge_1RB_Right	21.30	21.52	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	20.84	21.06	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_Full	21.90	22.12	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Edge_1RB_Left	21.34	21.56	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Edge_1RB_Right	21.28	21.5	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	20.82	21.04	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_Full	21.85	22.07	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Edge_1RB_Left	21.32	21.54	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Edge_1RB_Right	21.27	21.49	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	18.73	18.95	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_Full	21.41	21.63	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Edge_1RB_Left	21.40	21.62	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Edge_1RB_Right	21.34	21.56	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	18.77	18.99	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_Full	21.46	21.68	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Edge_1RB_Left	21.45	21.67	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Edge_1RB_Right	21.37	21.59	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	18.79	19.01	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_Full	21.46	21.68	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Edge_1RB_Left	21.41	21.63	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Edge_1RB_Right	21.31	21.53	23.98	PASS

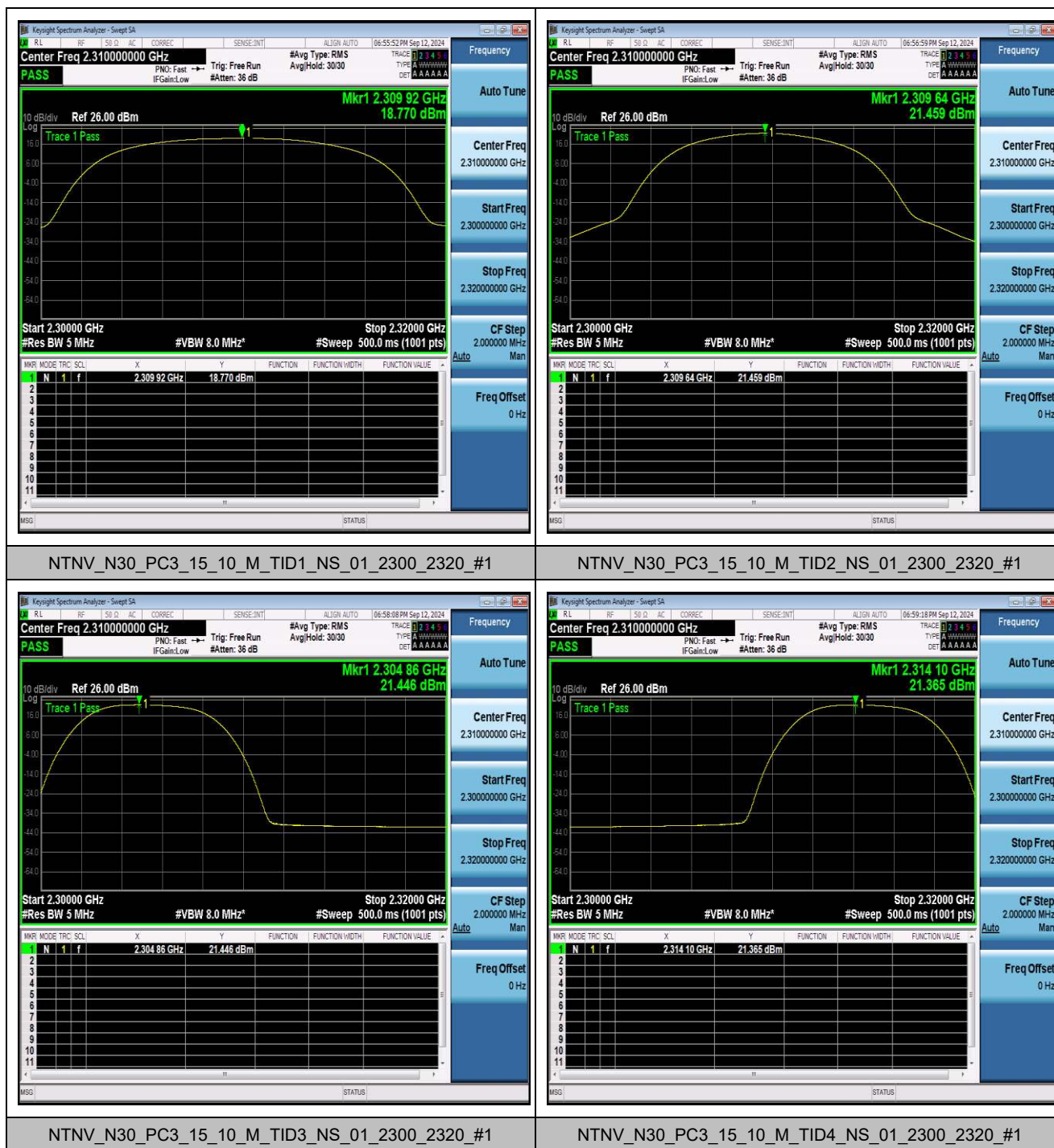
Test Graphs

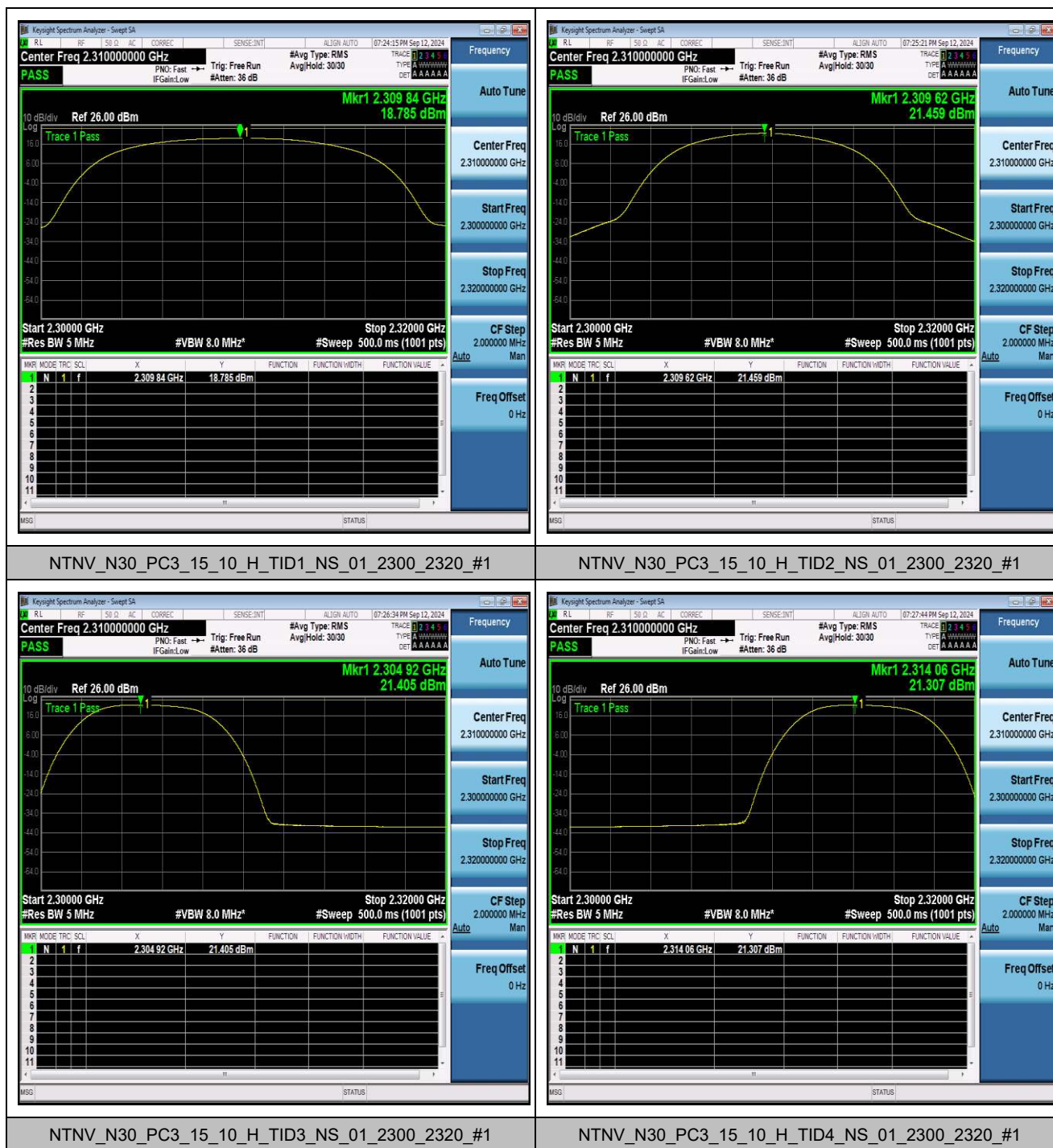












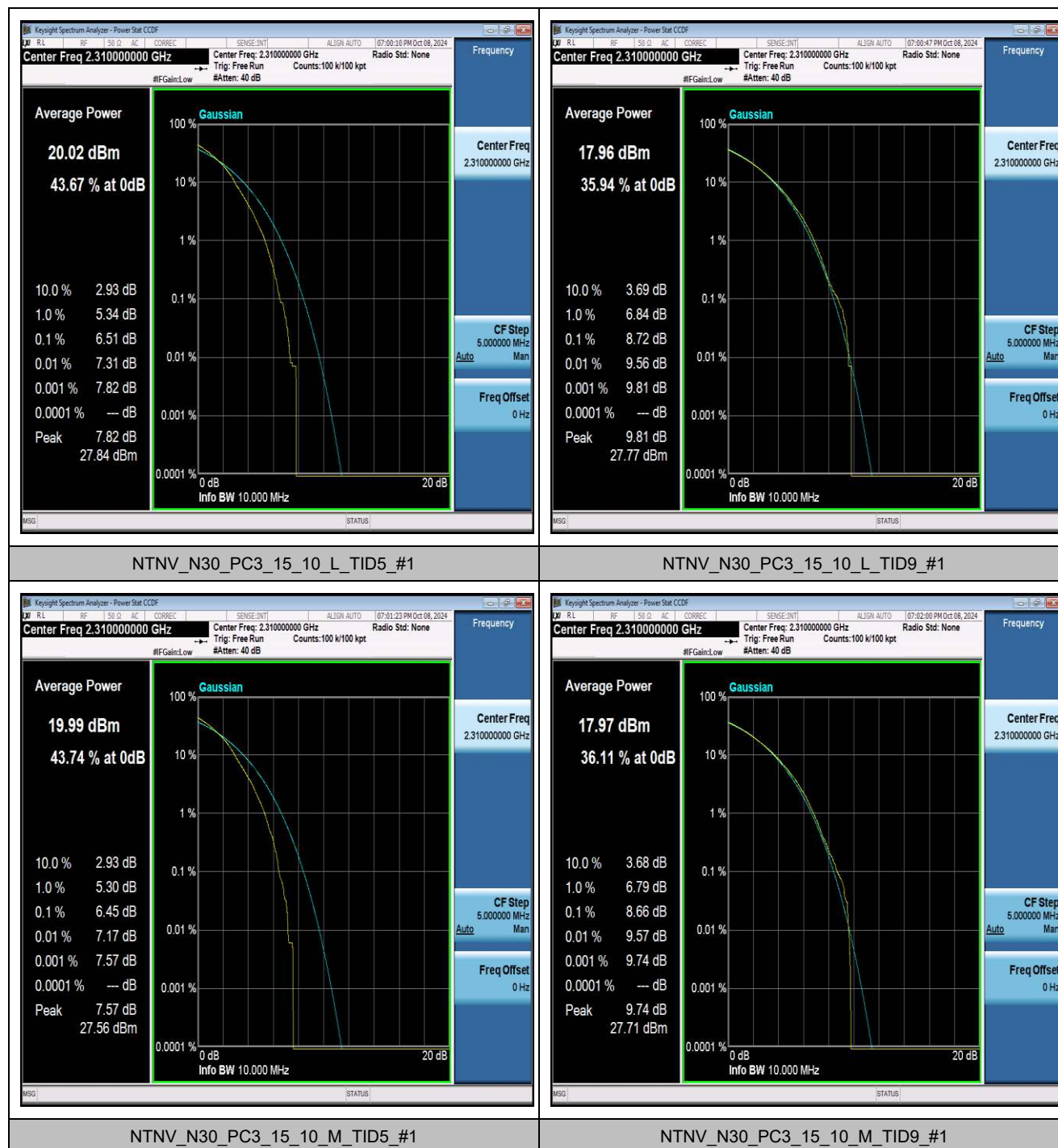
Peak-to-Average Ratio for SA

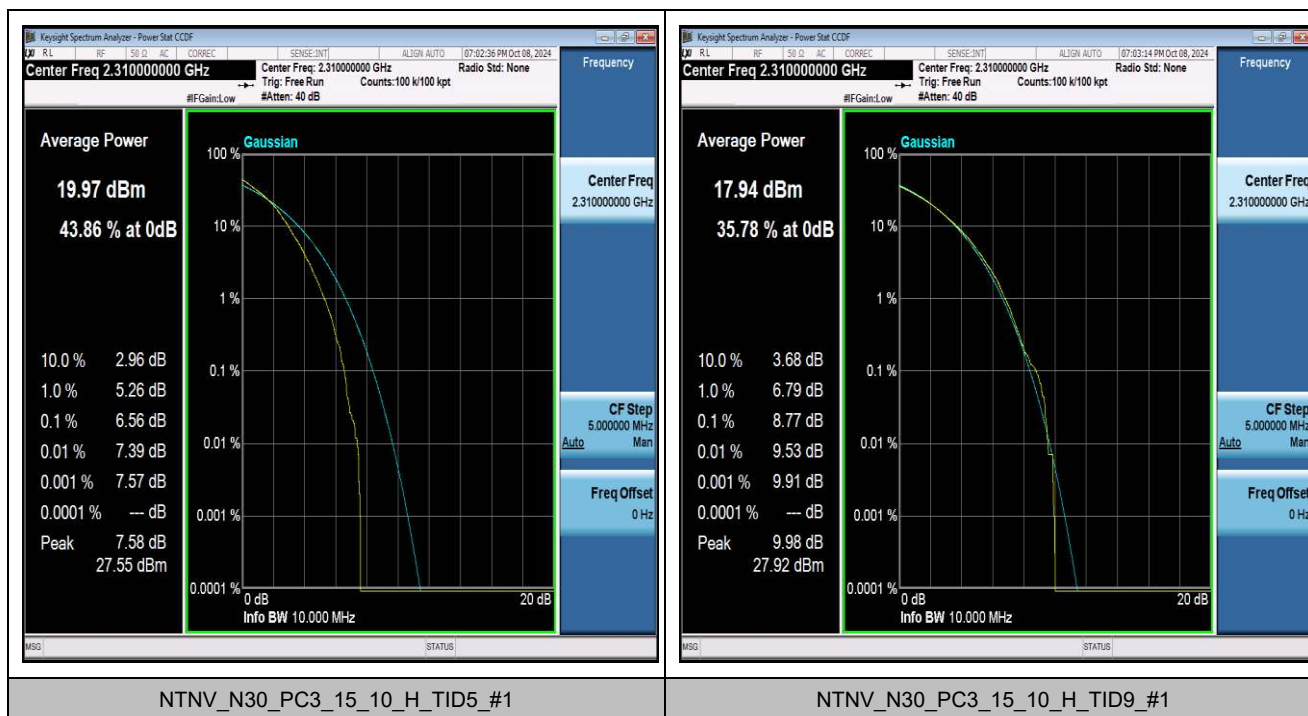
Peak-to-Average Ratio(CCDF)

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

