

Appendix-B NR Band n14

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	BW	Modulation	CH	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N14	15	5	DFT-PI2BPSK	L	Outer_Full	23.63	23.67	34.77	PASS
N14	15	5	DFT-PI2BPSK	L	Inner_Full	24.55	24.59	34.77	PASS
N14	15	5	DFT-PI2BPSK	L	Edge_1RB_Left	24.45	24.49	34.77	PASS
N14	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.32	24.36	34.77	PASS
N14	15	5	DFT-QPSK	L	Outer_Full	23.68	23.72	34.77	PASS
N14	15	5	DFT-QPSK	L	Inner_Full	24.70	24.74	34.77	PASS
N14	15	5	DFT-QPSK	L	Inner_1RB_Left	24.66	24.7	34.77	PASS
N14	15	5	DFT-QPSK	L	Inner_1RB_Right	24.52	24.56	34.77	PASS
N14	15	5	DFT-16QAM	L	Outer_Full	22.69	22.73	34.77	PASS
N14	15	5	DFT-16QAM	L	Inner_Full	23.76	23.8	34.77	PASS
N14	15	5	DFT-16QAM	L	Inner_1RB_Left	23.69	23.73	34.77	PASS
N14	15	5	DFT-16QAM	L	Inner_1RB_Right	23.54	23.58	34.77	PASS
N14	15	5	DFT-64QAM	L	Outer_Full	22.24	22.28	34.77	PASS
N14	15	5	DFT-64QAM	L	Inner_Full	22.25	22.29	34.77	PASS
N14	15	5	DFT-64QAM	L	Inner_1RB_Left	22.43	22.47	34.77	PASS
N14	15	5	DFT-64QAM	L	Inner_1RB_Right	22.30	22.34	34.77	PASS
N14	15	5	DFT-256QAM	L	Outer_Full	20.14	20.18	34.77	PASS
N14	15	5	DFT-256QAM	L	Inner_Full	20.23	20.27	34.77	PASS
N14	15	5	DFT-256QAM	L	Inner_1RB_Left	19.74	19.78	34.77	PASS
N14	15	5	DFT-256QAM	L	Inner_1RB_Right	19.61	19.65	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Outer_Full	23.38	23.42	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Inner_Full	24.57	24.61	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.44	24.48	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.30	24.34	34.77	PASS
N14	15	5	DFT-QPSK	M	Outer_Full	23.61	23.65	34.77	PASS
N14	15	5	DFT-QPSK	M	Inner_Full	24.69	24.73	34.77	PASS
N14	15	5	DFT-QPSK	M	Inner_1RB_Left	24.53	24.57	34.77	PASS
N14	15	5	DFT-QPSK	M	Inner_1RB_Right	24.40	24.44	34.77	PASS
N14	15	5	DFT-16QAM	M	Outer_Full	22.73	22.77	34.77	PASS
N14	15	5	DFT-16QAM	M	Inner_Full	23.66	23.7	34.77	PASS
N14	15	5	DFT-16QAM	M	Inner_1RB_Left	23.61	23.65	34.77	PASS
N14	15	5	DFT-16QAM	M	Inner_1RB_Right	23.43	23.47	34.77	PASS
N14	15	5	DFT-64QAM	M	Outer_Full	22.13	22.17	34.77	PASS
N14	15	5	DFT-64QAM	M	Inner_Full	22.25	22.29	34.77	PASS
N14	15	5	DFT-64QAM	M	Inner_1RB_Left	22.28	22.32	34.77	PASS
N14	15	5	DFT-64QAM	M	Inner_1RB_Right	22.23	22.27	34.77	PASS
N14	15	5	DFT-256QAM	M	Outer_Full	20.07	20.11	34.77	PASS

N14	15	5	DFT-256QAM	M	Inner_Full	20.18	20.22	34.77	PASS
N14	15	5	DFT-256QAM	M	Inner_1RB_Left	19.63	19.67	34.77	PASS
N14	15	5	DFT-256QAM	M	Inner_1RB_Right	19.49	19.53	34.77	PASS
N14	15	5	DFT-PI2BPSK	H	Outer_Full	23.56	23.6	34.77	PASS
N14	15	5	DFT-PI2BPSK	H	Inner_Full	24.45	24.49	34.77	PASS
N14	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.43	24.47	34.77	PASS
N14	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.39	24.43	34.77	PASS
N14	15	5	DFT-QPSK	H	Outer_Full	23.62	23.66	34.77	PASS
N14	15	5	DFT-QPSK	H	Inner_Full	24.64	24.68	34.77	PASS
N14	15	5	DFT-QPSK	H	Inner_1RB_Left	24.66	24.7	34.77	PASS
N14	15	5	DFT-QPSK	H	Inner_1RB_Right	24.52	24.56	34.77	PASS
N14	15	5	DFT-16QAM	H	Outer_Full	22.63	22.67	34.77	PASS
N14	15	5	DFT-16QAM	H	Inner_Full	23.74	23.78	34.77	PASS
N14	15	5	DFT-16QAM	H	Inner_1RB_Left	23.72	23.76	34.77	PASS
N14	15	5	DFT-16QAM	H	Inner_1RB_Right	23.60	23.64	34.77	PASS
N14	15	5	DFT-64QAM	H	Outer_Full	22.22	22.26	34.77	PASS
N14	15	5	DFT-64QAM	H	Inner_Full	22.23	22.27	34.77	PASS
N14	15	5	DFT-64QAM	H	Inner_1RB_Left	22.36	22.4	34.77	PASS
N14	15	5	DFT-64QAM	H	Inner_1RB_Right	22.27	22.31	34.77	PASS
N14	15	5	DFT-256QAM	H	Outer_Full	20.16	20.2	34.77	PASS
N14	15	5	DFT-256QAM	H	Inner_Full	20.23	20.27	34.77	PASS
N14	15	5	DFT-256QAM	H	Inner_1RB_Left	19.82	19.86	34.77	PASS
N14	15	5	DFT-256QAM	H	Inner_1RB_Right	19.57	19.61	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Outer_Full	23.48	23.52	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Inner_Full	24.65	24.69	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.74	24.78	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.45	24.49	34.77	PASS
N14	15	10	DFT-QPSK	L	Outer_Full	23.73	23.77	34.77	PASS
N14	15	10	DFT-QPSK	L	Inner_Full	24.80	24.84	34.77	PASS
N14	15	10	DFT-QPSK	L	Inner_1RB_Left	24.90	24.94	34.77	PASS
N14	15	10	DFT-QPSK	L	Inner_1RB_Right	24.61	24.65	34.77	PASS
N14	15	10	DFT-16QAM	L	Outer_Full	22.76	22.8	34.77	PASS
N14	15	10	DFT-16QAM	L	Inner_Full	23.79	23.83	34.77	PASS
N14	15	10	DFT-16QAM	L	Inner_1RB_Left	23.77	23.81	34.77	PASS
N14	15	10	DFT-16QAM	L	Inner_1RB_Right	23.52	23.56	34.77	PASS
N14	15	10	DFT-64QAM	L	Outer_Full	22.32	22.36	34.77	PASS
N14	15	10	DFT-64QAM	L	Inner_Full	22.31	22.35	34.77	PASS
N14	15	10	DFT-64QAM	L	Inner_1RB_Left	22.62	22.66	34.77	PASS
N14	15	10	DFT-64QAM	L	Inner_1RB_Right	22.25	22.29	34.77	PASS
N14	15	10	DFT-256QAM	L	Outer_Full	20.29	20.33	34.77	PASS
N14	15	10	DFT-256QAM	L	Inner_Full	20.22	20.26	34.77	PASS
N14	15	10	DFT-256QAM	L	Inner_1RB_Left	19.87	19.91	34.77	PASS
N14	15	10	DFT-256QAM	L	Inner_1RB_Right	19.56	19.6	34.77	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	23.51	23.55	34.77	PASS
N14	15	10	DFT-PI2BPSK	M	Inner_Full	24.59	24.63	34.77	PASS

N14	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.79	24.83	34.77	PASS
N14	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.43	24.47	34.77	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	23.74	23.78	34.77	PASS
N14	15	10	DFT-QPSK	M	Inner_Full	24.83	24.87	34.77	PASS
N14	15	10	DFT-QPSK	M	Inner_1RB_Left	24.81	24.85	34.77	PASS
N14	15	10	DFT-QPSK	M	Inner_1RB_Right	24.55	24.59	34.77	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	22.75	22.79	34.77	PASS
N14	15	10	DFT-16QAM	M	Inner_Full	23.79	23.83	34.77	PASS
N14	15	10	DFT-16QAM	M	Inner_1RB_Left	23.83	23.87	34.77	PASS
N14	15	10	DFT-16QAM	M	Inner_1RB_Right	23.51	23.55	34.77	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	22.31	22.35	34.77	PASS
N14	15	10	DFT-64QAM	M	Inner_Full	22.28	22.32	34.77	PASS
N14	15	10	DFT-64QAM	M	Inner_1RB_Left	22.62	22.66	34.77	PASS
N14	15	10	DFT-64QAM	M	Inner_1RB_Right	22.26	22.3	34.77	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	20.30	20.34	34.77	PASS
N14	15	10	DFT-256QAM	M	Inner_Full	20.25	20.29	34.77	PASS
N14	15	10	DFT-256QAM	M	Inner_1RB_Left	19.89	19.93	34.77	PASS
N14	15	10	DFT-256QAM	M	Inner_1RB_Right	19.49	19.53	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Outer_Full	23.60	23.64	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Inner_Full	24.66	24.7	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.71	24.75	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.44	24.48	34.77	PASS
N14	15	10	DFT-QPSK	H	Outer_Full	23.77	23.81	34.77	PASS
N14	15	10	DFT-QPSK	H	Inner_Full	24.85	24.89	34.77	PASS
N14	15	10	DFT-QPSK	H	Inner_1RB_Left	24.86	24.9	34.77	PASS
N14	15	10	DFT-QPSK	H	Inner_1RB_Right	24.58	24.62	34.77	PASS
N14	15	10	DFT-16QAM	H	Outer_Full	22.80	22.84	34.77	PASS
N14	15	10	DFT-16QAM	H	Inner_Full	23.82	23.86	34.77	PASS
N14	15	10	DFT-16QAM	H	Inner_1RB_Left	23.86	23.9	34.77	PASS
N14	15	10	DFT-16QAM	H	Inner_1RB_Right	23.57	23.61	34.77	PASS
N14	15	10	DFT-64QAM	H	Outer_Full	22.35	22.39	34.77	PASS
N14	15	10	DFT-64QAM	H	Inner_Full	22.30	22.34	34.77	PASS
N14	15	10	DFT-64QAM	H	Inner_1RB_Left	22.55	22.59	34.77	PASS
N14	15	10	DFT-64QAM	H	Inner_1RB_Right	22.30	22.34	34.77	PASS
N14	15	10	DFT-256QAM	H	Outer_Full	20.36	20.4	34.77	PASS
N14	15	10	DFT-256QAM	H	Inner_Full	20.27	20.31	34.77	PASS
N14	15	10	DFT-256QAM	H	Inner_1RB_Left	19.85	19.89	34.77	PASS
N14	15	10	DFT-256QAM	H	Inner_1RB_Right	19.50	19.54	34.77	PASS

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N14	15	10	DFT-256QAM	L	Outer_Full	6.51	≤13	PASS
N14	15	10	CP-256QAM	L	Outer_Full	8.53	≤13	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	6.49	≤13	PASS
N14	15	10	CP-256QAM	M	Outer_Full	8.49	≤13	PASS
N14	15	10	DFT-256QAM	H	Outer_Full	6.43	≤13	PASS
N14	15	10	CP-256QAM	H	Outer_Full	8.42	≤13	PASS

Test Graphs





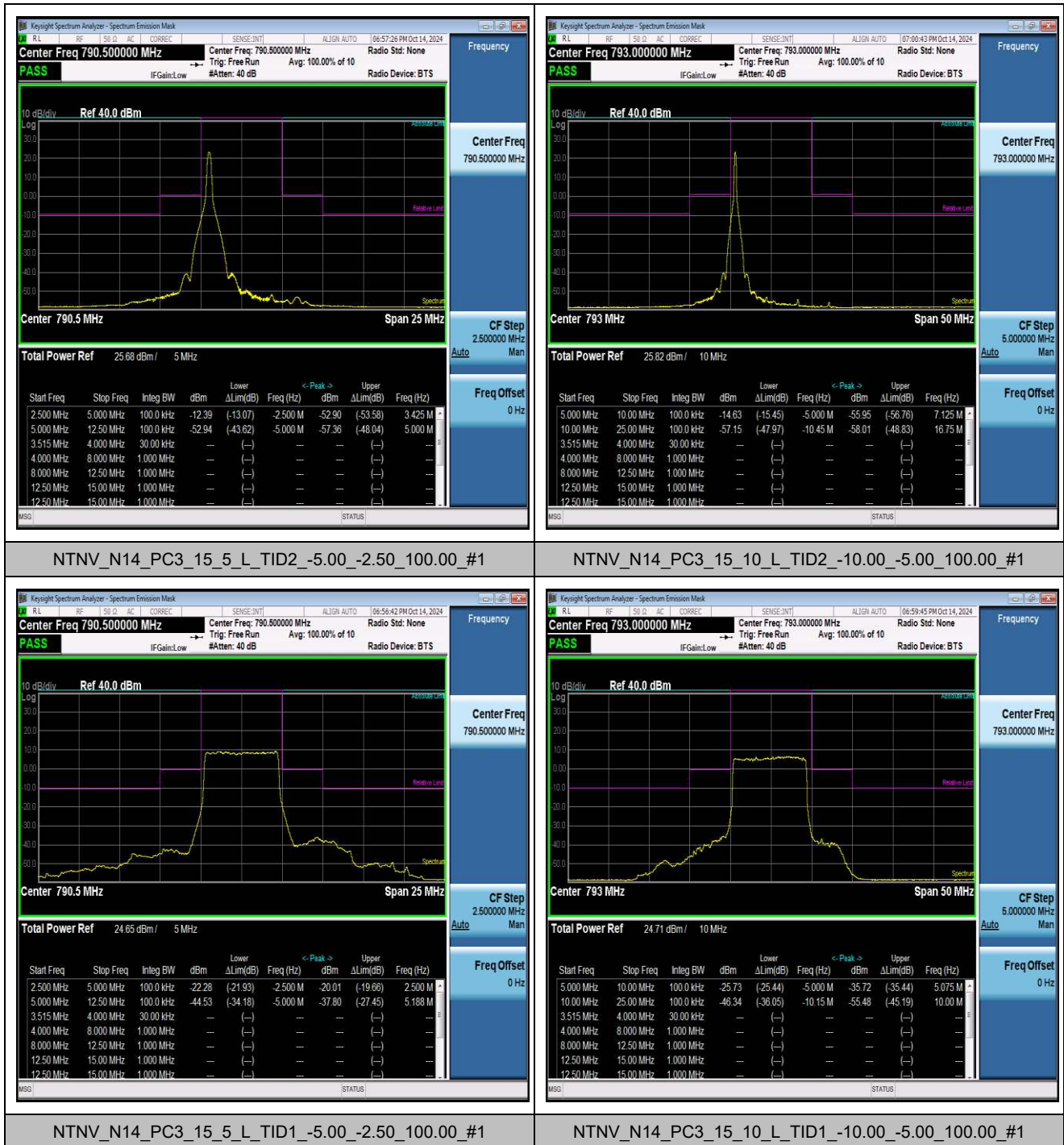
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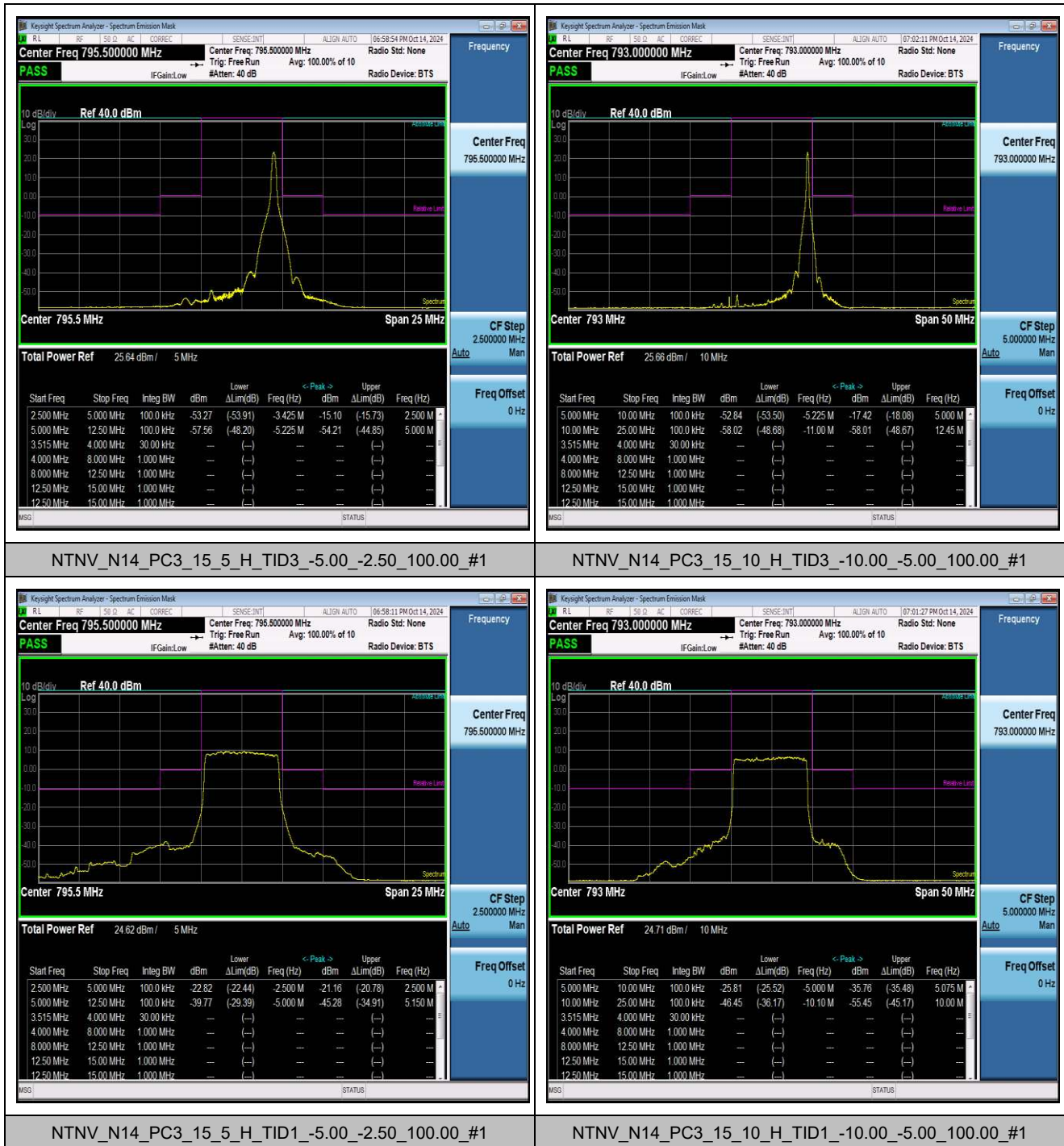
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Freq	LevelAbs	Limit	Verdict
N14	15	5	DFT- PI2BPSK	L	Inner_1RB_Left	-12.50	-5.00	785.50	-52.94	-9.32	PASS
N14	15	5	DFT- PI2BPSK	L	Inner_1RB_Left	2.50	5.00	793.93	-52.90	0.68	PASS
N14	15	5	DFT- PI2BPSK	L	Inner_1RB_Left	-5.00	-2.50	788.00	-12.39	0.68	PASS
N14	15	5	DFT- PI2BPSK	L	Inner_1RB_Left	5.00	12.50	795.50	-57.36	-9.32	PASS
N14	15	10	DFT- PI2BPSK	L	Inner_1RB_Left	-10.00	-5.00	788.00	-14.63	0.82	PASS
N14	15	10	DFT- PI2BPSK	L	Inner_1RB_Left	10.00	25.00	809.75	-58.01	-9.18	PASS
N14	15	10	DFT- PI2BPSK	L	Inner_1RB_Left	-25.00	-10.00	782.55	-57.15	-9.18	PASS
N14	15	10	DFT- PI2BPSK	L	Inner_1RB_Left	5.00	10.00	800.13	-55.95	0.81	PASS
N14	15	5	DFT- PI2BPSK	L	Outer_Full	-12.50	-5.00	785.50	-44.53	- 10.35	PASS
N14	15	5	DFT- PI2BPSK	L	Outer_Full	2.50	5.00	793.00	-20.01	-0.35	PASS
N14	15	5	DFT- PI2BPSK	L	Outer_Full	-5.00	-2.50	788.00	-22.28	-0.35	PASS
N14	15	5	DFT- PI2BPSK	L	Outer_Full	5.00	12.50	795.69	-37.80	- 10.35	PASS
N14	15	10	DFT- PI2BPSK	L	Outer_Full	-10.00	-5.00	788.00	-25.73	-0.29	PASS
N14	15	10	DFT- PI2BPSK	L	Outer_Full	10.00	25.00	803.00	-55.48	- 10.29	PASS
N14	15	10	DFT- PI2BPSK	L	Outer_Full	-25.00	-10.00	782.85	-46.34	- 10.29	PASS
N14	15	10	DFT- PI2BPSK	L	Outer_Full	5.00	10.00	798.08	-35.72	-0.28	PASS
N14	15	5	DFT- PI2BPSK	H	Inner_1RB_Right	-12.50	-5.00	790.27	-57.56	-9.36	PASS
N14	15	5	DFT- PI2BPSK	H	Inner_1RB_Right	2.50	5.00	798.00	-15.10	0.63	PASS
N14	15	5	DFT- PI2BPSK	H	Inner_1RB_Right	-5.00	-2.50	792.07	-53.27	0.64	PASS
N14	15	5	DFT- PI2BPSK	H	Inner_1RB_Right	5.00	12.50	800.50	-54.21	-9.36	PASS
N14	15	10	DFT-	H	Inner_1RB_Right	-10.00	-5.00	787.77	-52.84	0.66	PASS

			PI2BPSK								
N14	15	10	DFT- PI2BPSK	H	Inner_1RB_Right	10.00	25.00	805.45	-58.01	-9.34	PASS
N14	15	10	DFT- PI2BPSK	H	Inner_1RB_Right	-25.00	-10.00	782.00	-58.02	-9.34	PASS
N14	15	10	DFT- PI2BPSK	H	Inner_1RB_Right	5.00	10.00	798.00	-17.42	0.66	PASS
N14	15	5	DFT- PI2BPSK	H	Outer_Full	-12.50	-5.00	790.50	-39.77	- 10.38	PASS
N14	15	5	DFT- PI2BPSK	H	Outer_Full	2.50	5.00	798.00	-21.16	-0.38	PASS
N14	15	5	DFT- PI2BPSK	H	Outer_Full	-5.00	-2.50	793.00	-22.82	-0.38	PASS
N14	15	5	DFT- PI2BPSK	H	Outer_Full	5.00	12.50	800.65	-45.28	- 10.37	PASS
N14	15	10	DFT- PI2BPSK	H	Outer_Full	-10.00	-5.00	788.00	-25.81	-0.29	PASS
N14	15	10	DFT- PI2BPSK	H	Outer_Full	10.00	25.00	803.00	-55.45	- 10.28	PASS
N14	15	10	DFT- PI2BPSK	H	Outer_Full	-25.00	-10.00	782.90	-46.45	- 10.28	PASS
N14	15	10	DFT- PI2BPSK	H	Outer_Full	5.00	10.00	798.08	-35.76	-0.28	PASS

Test Graphs





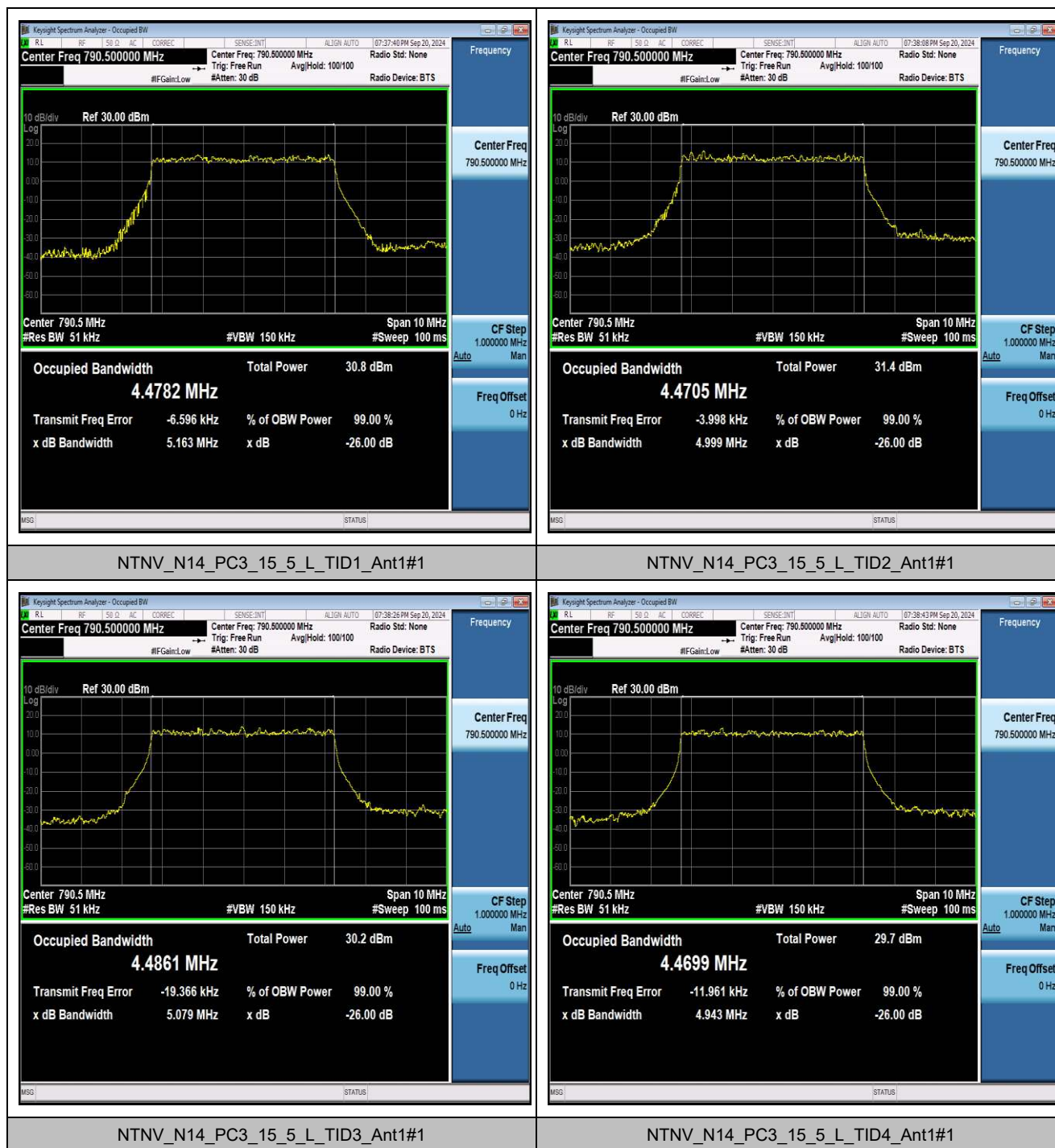
26dB Bandwidth and Occupied Bandwidth for SA

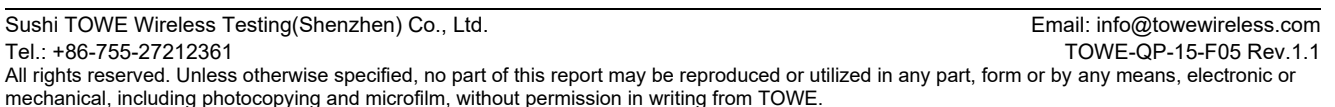
Test Result

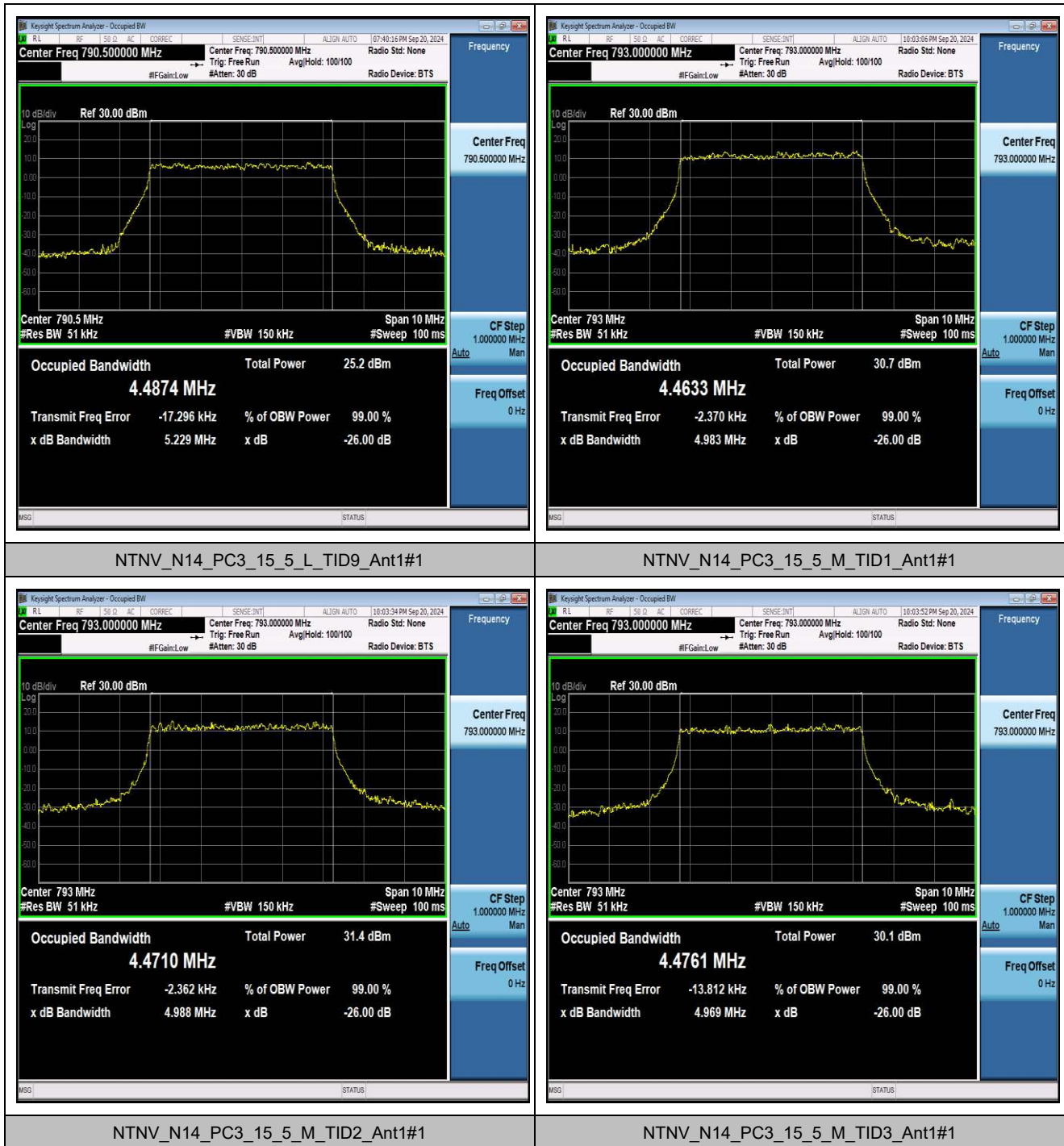
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N14	15	5	DFT-PI2BPSK	L	Outer_Full	4.4782	5.163	PASS
N14	15	5	DFT-QPSK	L	Outer_Full	4.4705	4.999	PASS
N14	15	5	DFT-16QAM	L	Outer_Full	4.4861	5.079	PASS
N14	15	5	DFT-64QAM	L	Outer_Full	4.4699	4.943	PASS
N14	15	5	DFT-256QAM	L	Outer_Full	4.4816	5.066	PASS
N14	15	5	CP-QPSK	L	Outer_Full	4.4768	5.167	PASS
N14	15	5	CP-16QAM	L	Outer_Full	4.5173	5.249	PASS
N14	15	5	CP-64QAM	L	Outer_Full	4.4886	5.130	PASS
N14	15	5	CP-256QAM	L	Outer_Full	4.4874	5.229	PASS
N14	15	5	DFT-PI2BPSK	M	Outer_Full	4.4633	4.983	PASS
N14	15	5	DFT-QPSK	M	Outer_Full	4.4710	4.988	PASS
N14	15	5	DFT-16QAM	M	Outer_Full	4.4761	4.969	PASS
N14	15	5	DFT-64QAM	M	Outer_Full	4.4749	4.655	PASS
N14	15	5	DFT-256QAM	M	Outer_Full	4.4845	5.025	PASS
N14	15	5	CP-QPSK	M	Outer_Full	4.4940	5.228	PASS
N14	15	5	CP-16QAM	M	Outer_Full	4.4928	5.209	PASS
N14	15	5	CP-64QAM	M	Outer_Full	4.4966	5.143	PASS
N14	15	5	CP-256QAM	M	Outer_Full	4.4778	5.124	PASS
N14	15	5	DFT-PI2BPSK	H	Outer_Full	4.4605	5.017	PASS
N14	15	5	DFT-QPSK	H	Outer_Full	4.4565	4.874	PASS
N14	15	5	DFT-16QAM	H	Outer_Full	4.4701	5.016	PASS
N14	15	5	DFT-64QAM	H	Outer_Full	4.4613	4.921	PASS
N14	15	5	DFT-256QAM	H	Outer_Full	4.4603	4.953	PASS
N14	15	5	CP-QPSK	H	Outer_Full	4.4682	5.039	PASS
N14	15	5	CP-16QAM	H	Outer_Full	4.4797	5.108	PASS
N14	15	5	CP-64QAM	H	Outer_Full	4.4752	5.082	PASS
N14	15	5	CP-256QAM	H	Outer_Full	4.4715	5.130	PASS
N14	15	10	DFT-PI2BPSK	L	Outer_Full	8.9166	9.579	PASS
N14	15	10	DFT-QPSK	L	Outer_Full	8.9107	9.568	PASS
N14	15	10	DFT-16QAM	L	Outer_Full	8.9438	9.685	PASS
N14	15	10	DFT-64QAM	L	Outer_Full	8.9237	9.638	PASS
N14	15	10	DFT-256QAM	L	Outer_Full	8.9140	9.580	PASS
N14	15	10	CP-QPSK	L	Outer_Full	9.2730	10.08	PASS
N14	15	10	CP-16QAM	L	Outer_Full	9.2570	9.982	PASS
N14	15	10	CP-64QAM	L	Outer_Full	9.2595	10.02	PASS
N14	15	10	CP-256QAM	L	Outer_Full	9.2937	10.06	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	8.9134	9.613	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	8.9143	9.576	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	8.9338	9.677	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	8.9281	9.617	PASS

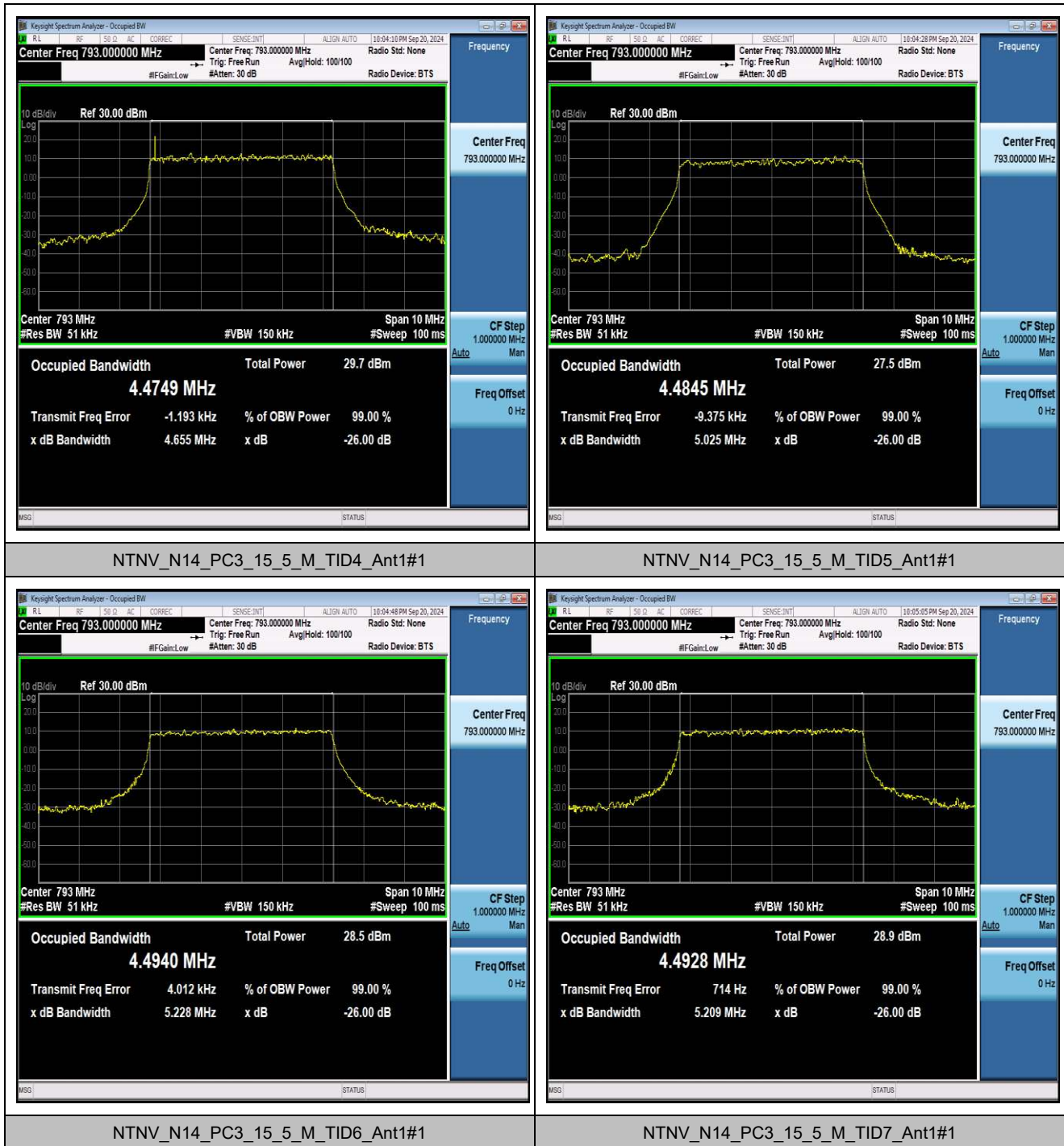
N14	15	10	DFT-256QAM	M	Outer_Full	8.9092	9.578	PASS
N14	15	10	CP-QPSK	M	Outer_Full	9.2680	10.09	PASS
N14	15	10	CP-16QAM	M	Outer_Full	9.2615	10.01	PASS
N14	15	10	CP-64QAM	M	Outer_Full	9.2603	10.02	PASS
N14	15	10	CP-256QAM	M	Outer_Full	9.2960	10.07	PASS
N14	15	10	DFT-PI2BPSK	H	Outer_Full	8.9009	9.603	PASS
N14	15	10	DFT-QPSK	H	Outer_Full	8.9258	9.581	PASS
N14	15	10	DFT-16QAM	H	Outer_Full	8.9425	9.682	PASS
N14	15	10	DFT-64QAM	H	Outer_Full	8.9280	9.624	PASS
N14	15	10	DFT-256QAM	H	Outer_Full	8.9144	9.584	PASS
N14	15	10	CP-QPSK	H	Outer_Full	9.2658	10.10	PASS
N14	15	10	CP-16QAM	H	Outer_Full	9.2686	10.02	PASS
N14	15	10	CP-64QAM	H	Outer_Full	9.2638	9.995	PASS
N14	15	10	CP-256QAM	H	Outer_Full	9.2959	10.09	PASS

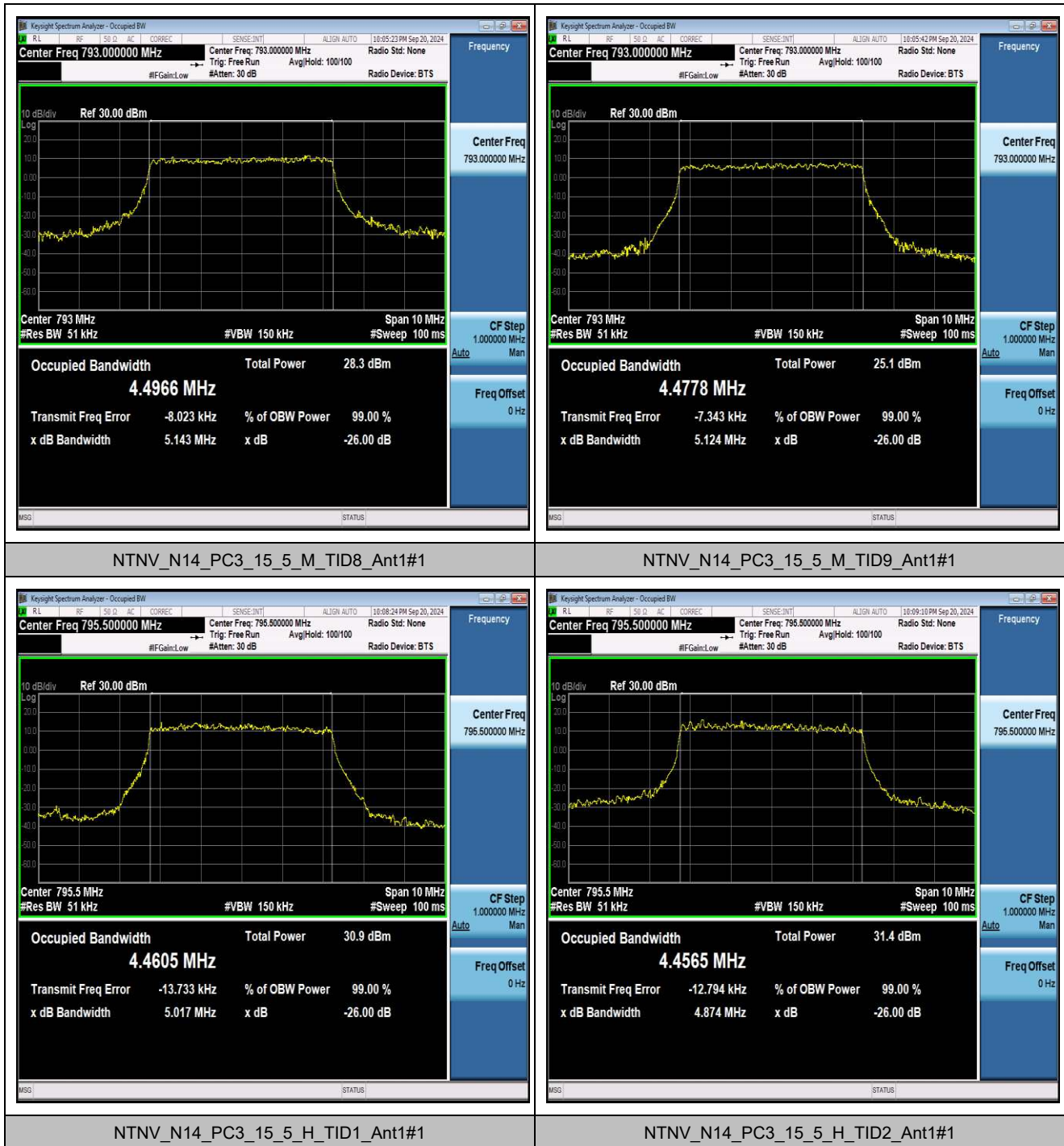
Test Graphs

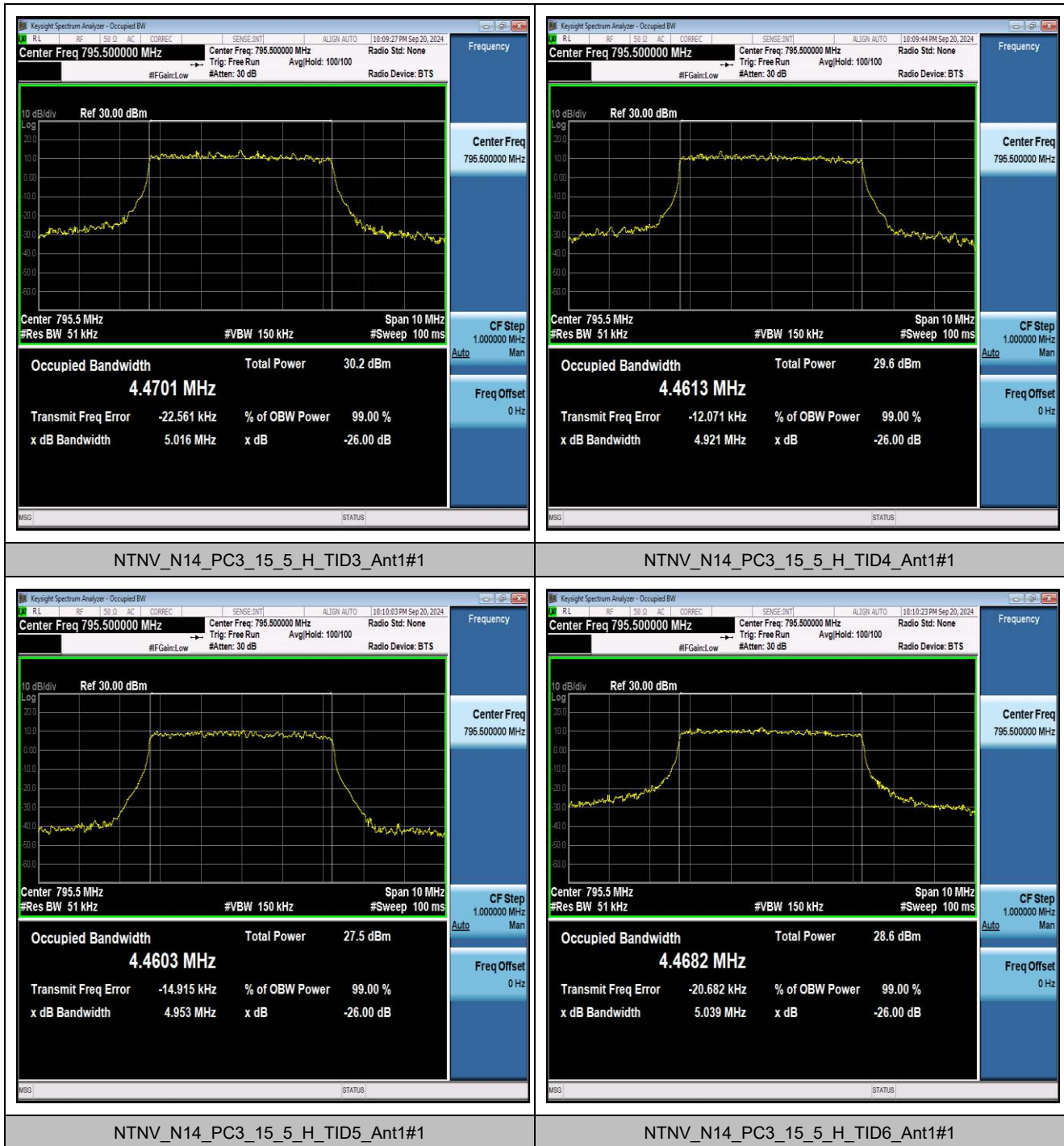


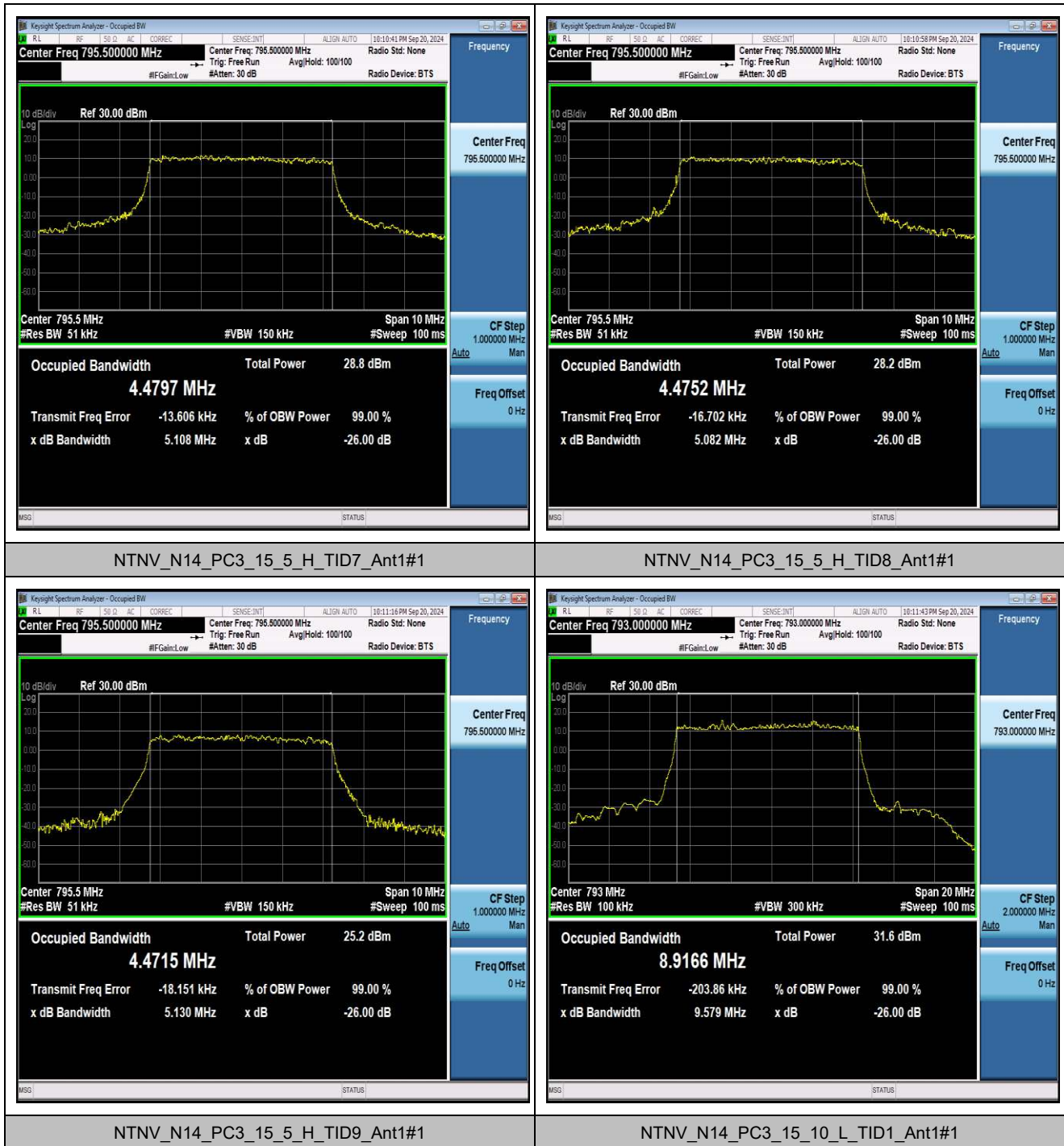


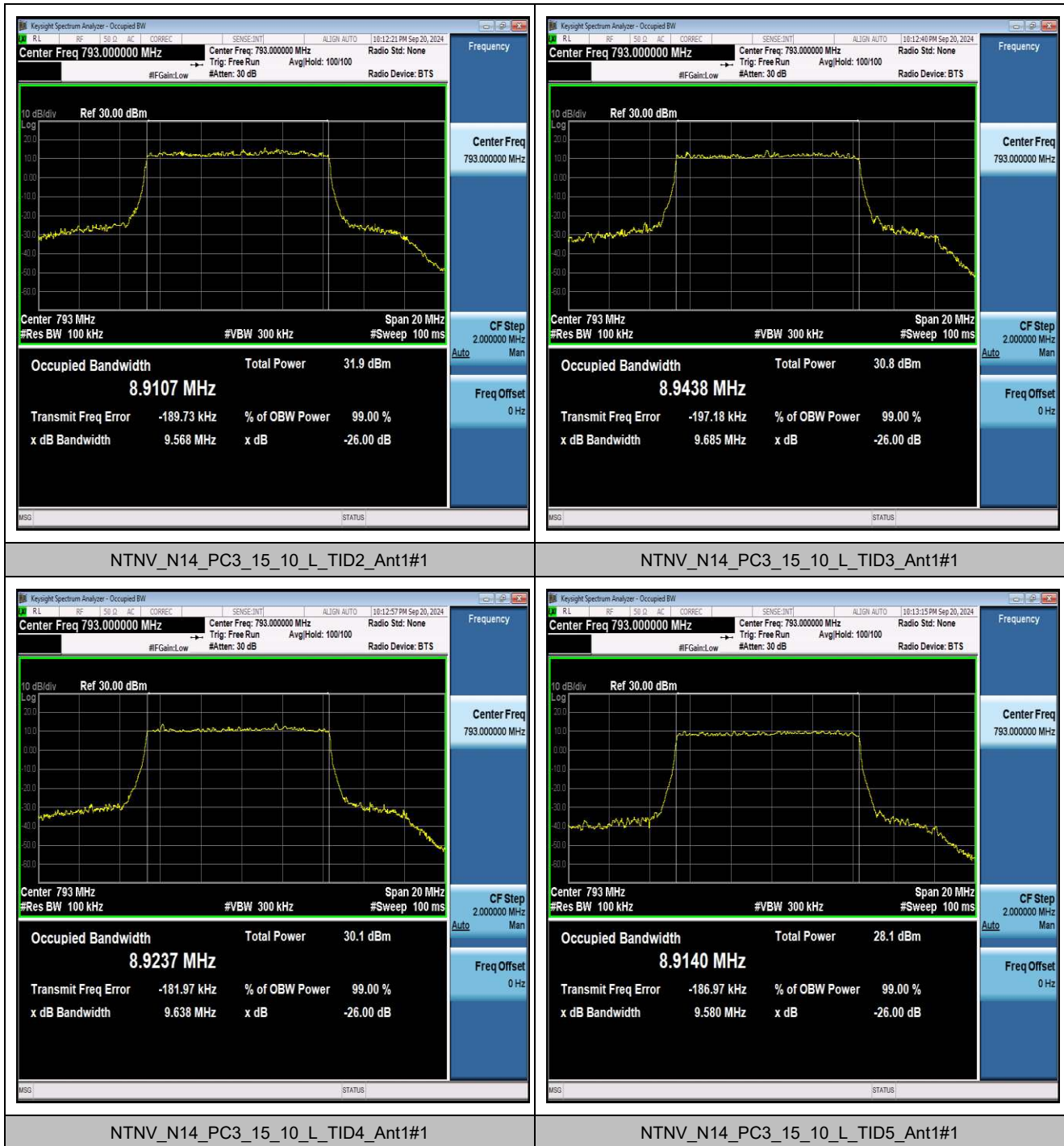


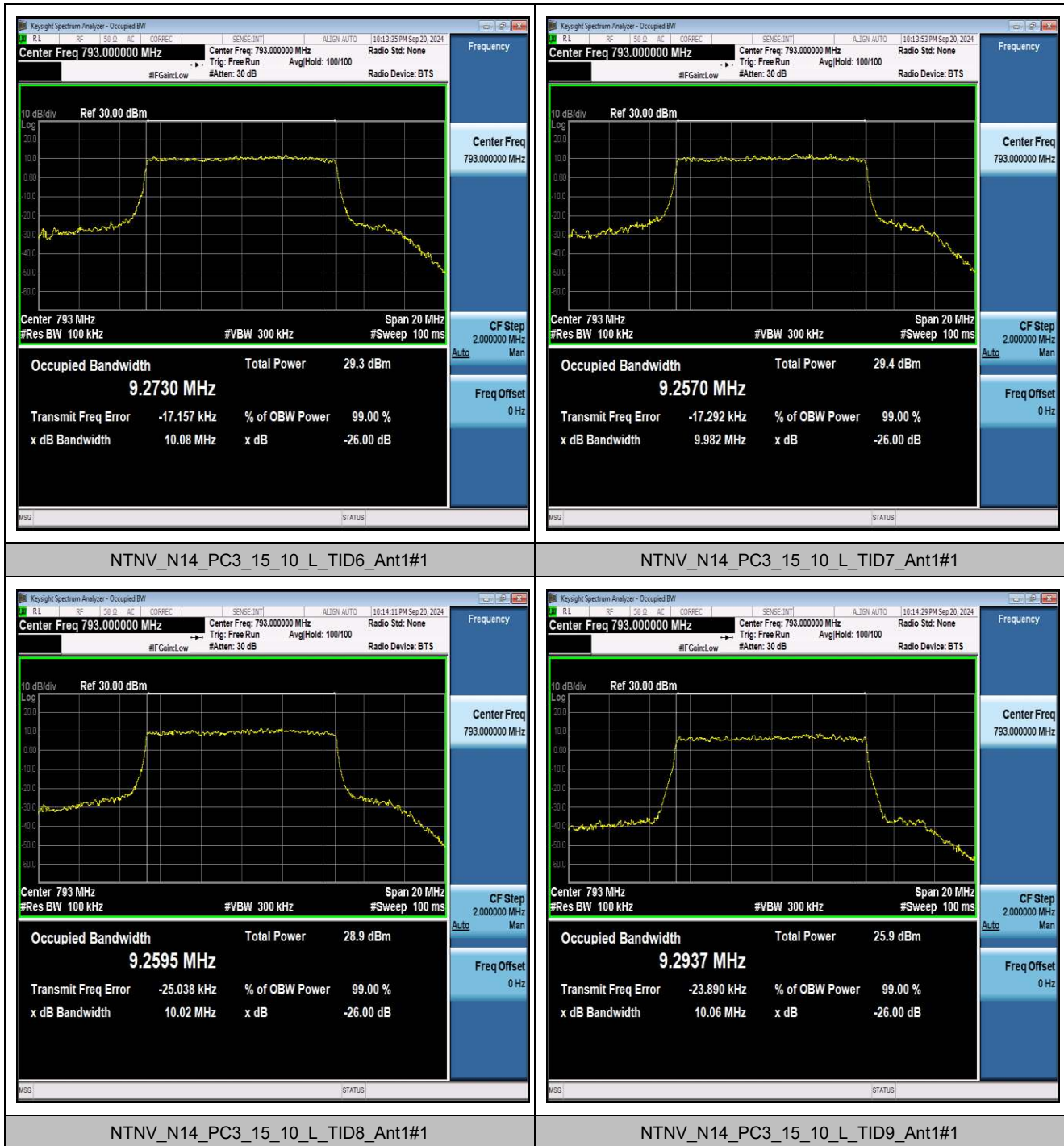


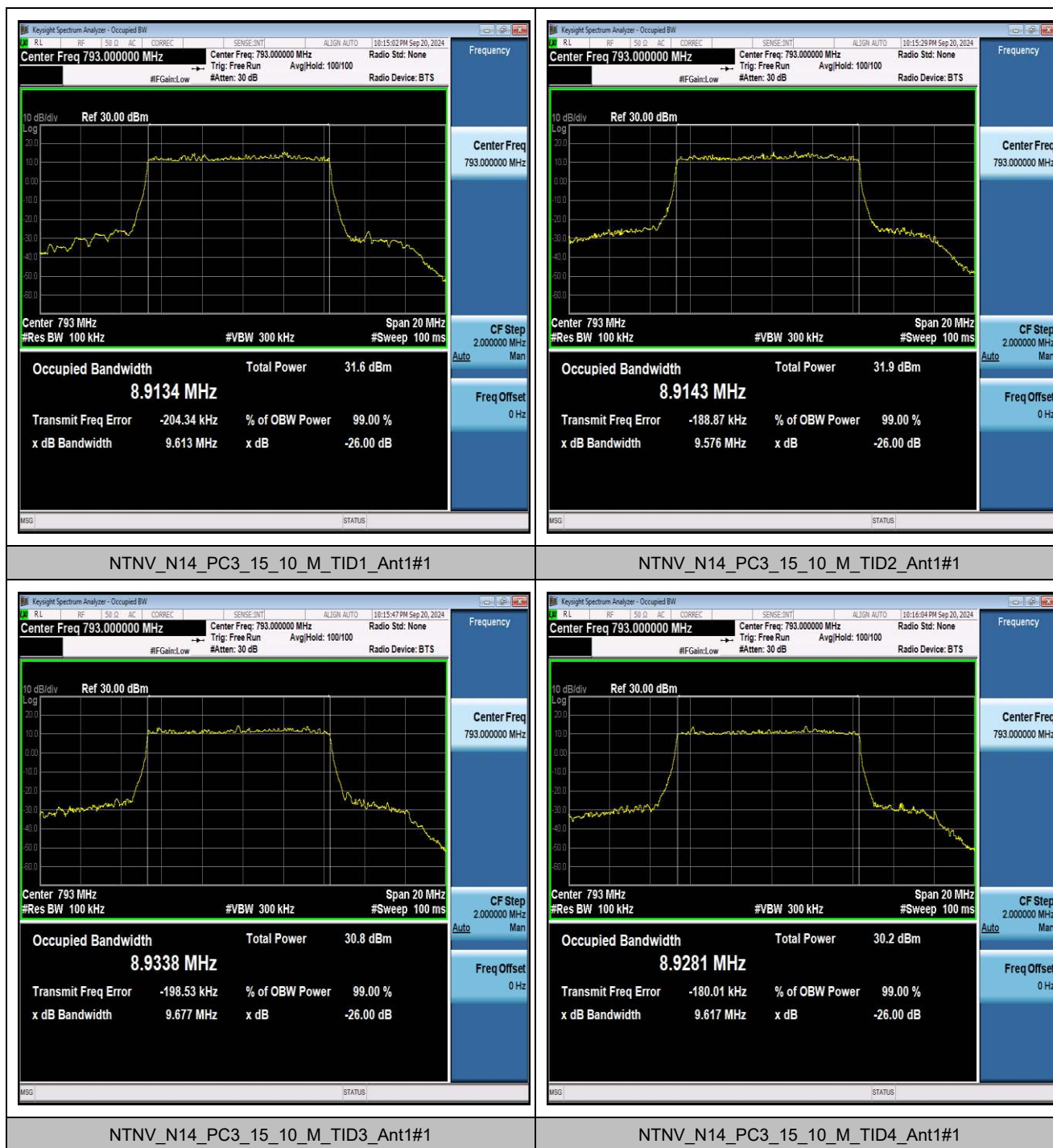


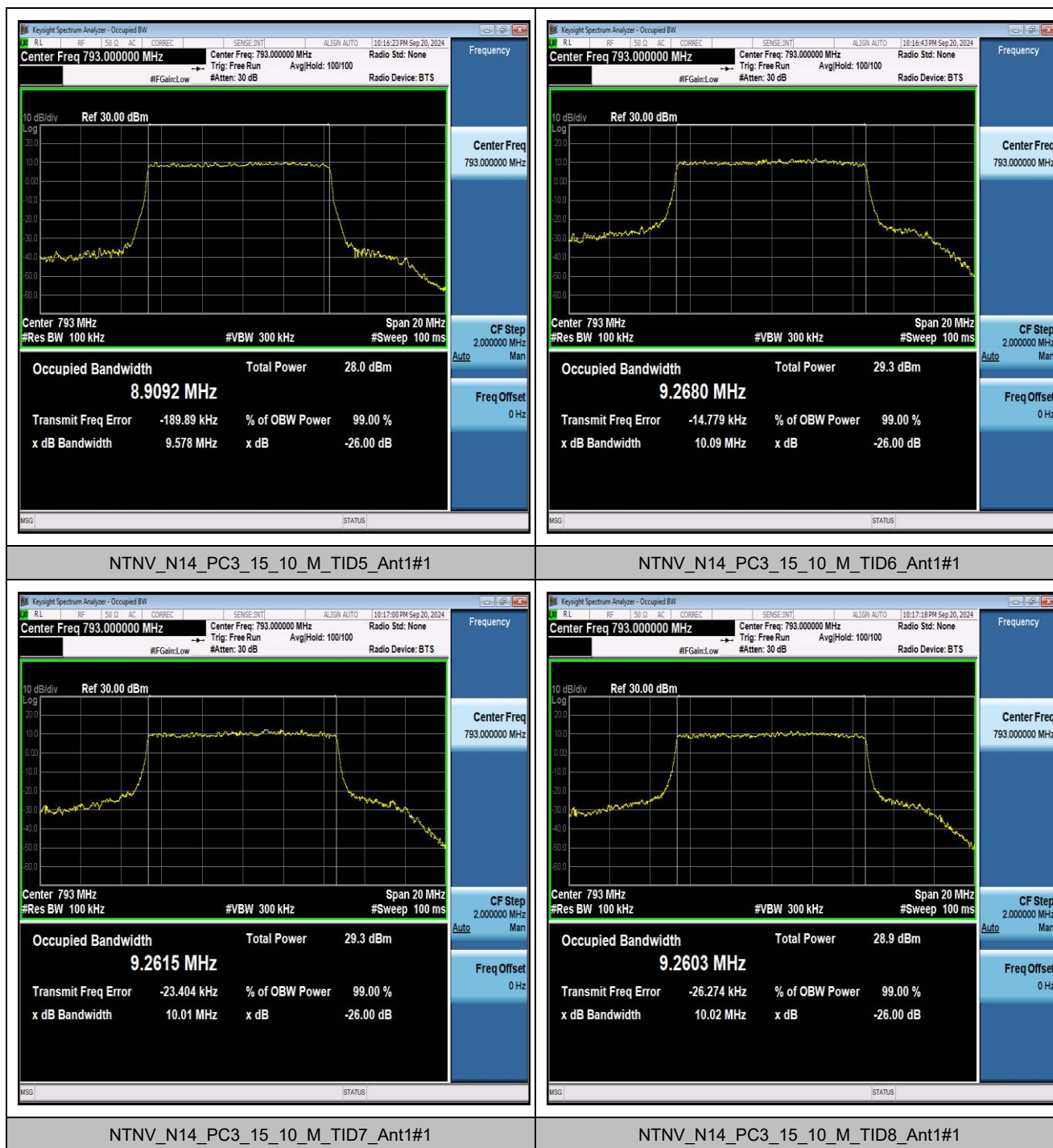


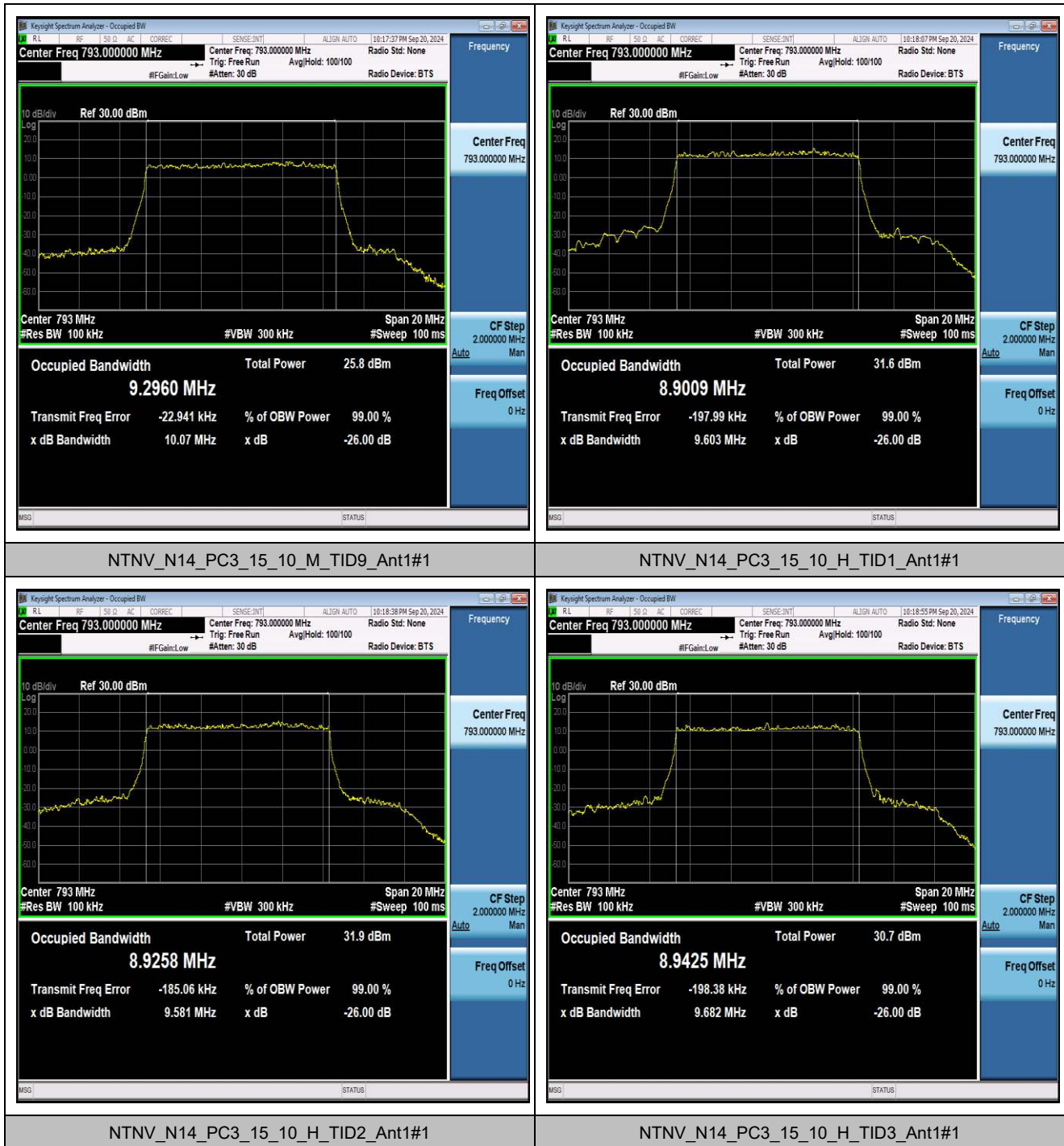


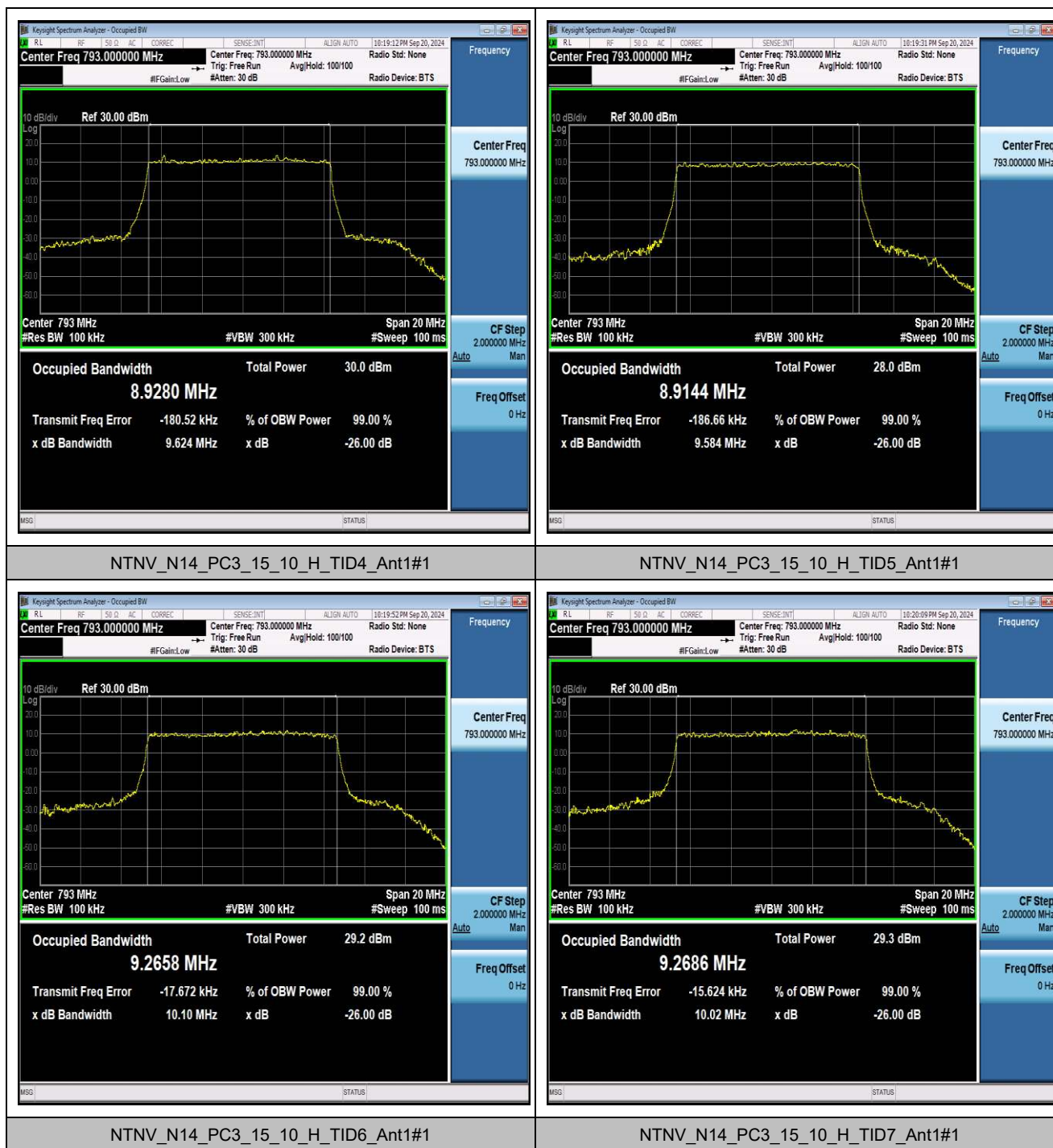


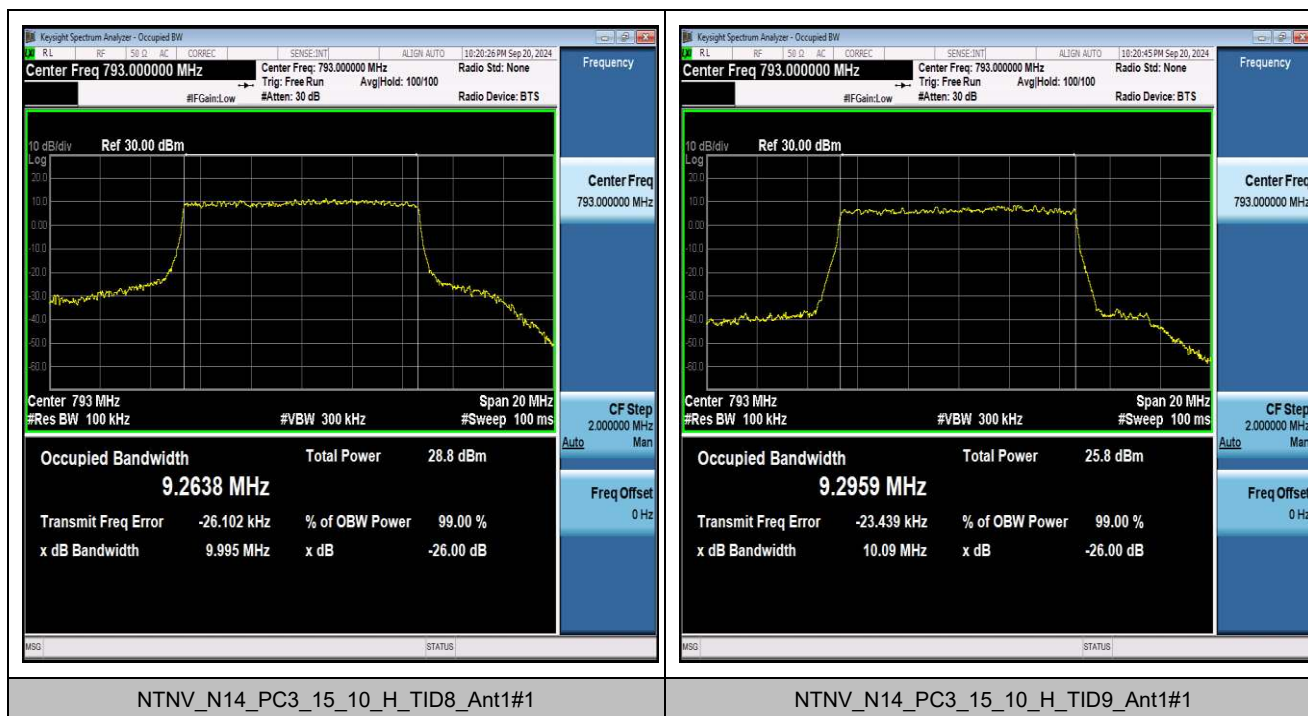












Band Edge for SA

Test Graphs

