

Appendix-B NR Band n14

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant8:

Band	SCS	BW	Modulation	CH	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N14	15	5	DFT-PI2BPSK	L	Outer_Full	23.63	22.68	34.77	PASS
N14	15	5	DFT-PI2BPSK	L	Inner_Full	24.55	23.6	34.77	PASS
N14	15	5	DFT-PI2BPSK	L	Edge_1RB_Left	24.45	23.5	34.77	PASS
N14	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.32	23.37	34.77	PASS
N14	15	5	DFT-QPSK	L	Outer_Full	23.68	22.73	34.77	PASS
N14	15	5	DFT-QPSK	L	Inner_Full	24.70	23.75	34.77	PASS
N14	15	5	DFT-QPSK	L	Inner_1RB_Left	24.66	23.71	34.77	PASS
N14	15	5	DFT-QPSK	L	Inner_1RB_Right	24.52	23.57	34.77	PASS
N14	15	5	DFT-16QAM	L	Outer_Full	22.69	21.74	34.77	PASS
N14	15	5	DFT-16QAM	L	Inner_Full	23.76	22.81	34.77	PASS
N14	15	5	DFT-16QAM	L	Inner_1RB_Left	23.69	22.74	34.77	PASS
N14	15	5	DFT-16QAM	L	Inner_1RB_Right	23.54	22.59	34.77	PASS
N14	15	5	DFT-64QAM	L	Outer_Full	22.24	21.29	34.77	PASS
N14	15	5	DFT-64QAM	L	Inner_Full	22.25	21.3	34.77	PASS
N14	15	5	DFT-64QAM	L	Inner_1RB_Left	22.43	21.48	34.77	PASS
N14	15	5	DFT-64QAM	L	Inner_1RB_Right	22.30	21.35	34.77	PASS
N14	15	5	DFT-256QAM	L	Outer_Full	20.14	19.19	34.77	PASS
N14	15	5	DFT-256QAM	L	Inner_Full	20.23	19.28	34.77	PASS
N14	15	5	DFT-256QAM	L	Inner_1RB_Left	19.74	18.79	34.77	PASS
N14	15	5	DFT-256QAM	L	Inner_1RB_Right	19.61	18.66	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Outer_Full	23.38	22.43	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Inner_Full	24.57	23.62	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.44	23.49	34.77	PASS
N14	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.30	23.35	34.77	PASS
N14	15	5	DFT-QPSK	M	Outer_Full	23.61	22.66	34.77	PASS
N14	15	5	DFT-QPSK	M	Inner_Full	24.69	23.74	34.77	PASS
N14	15	5	DFT-QPSK	M	Inner_1RB_Left	24.53	23.58	34.77	PASS
N14	15	5	DFT-QPSK	M	Inner_1RB_Right	24.40	23.45	34.77	PASS
N14	15	5	DFT-16QAM	M	Outer_Full	22.73	21.78	34.77	PASS
N14	15	5	DFT-16QAM	M	Inner_Full	23.66	22.71	34.77	PASS
N14	15	5	DFT-16QAM	M	Inner_1RB_Left	23.61	22.66	34.77	PASS
N14	15	5	DFT-16QAM	M	Inner_1RB_Right	23.43	22.48	34.77	PASS
N14	15	5	DFT-64QAM	M	Outer_Full	22.13	21.18	34.77	PASS
N14	15	5	DFT-64QAM	M	Inner_Full	22.25	21.3	34.77	PASS
N14	15	5	DFT-64QAM	M	Inner_1RB_Left	22.28	21.33	34.77	PASS
N14	15	5	DFT-64QAM	M	Inner_1RB_Right	22.23	21.28	34.77	PASS

N14	15	5	DFT-256QAM	M	Outer_Full	20.07	19.12	34.77	PASS
N14	15	5	DFT-256QAM	M	Inner_Full	20.18	19.23	34.77	PASS
N14	15	5	DFT-256QAM	M	Inner_1RB_Left	19.63	18.68	34.77	PASS
N14	15	5	DFT-256QAM	M	Inner_1RB_Right	19.49	18.54	34.77	PASS
N14	15	5	DFT-PI2BPSK	H	Outer_Full	23.56	22.61	34.77	PASS
N14	15	5	DFT-PI2BPSK	H	Inner_Full	24.45	23.5	34.77	PASS
N14	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.43	23.48	34.77	PASS
N14	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.39	23.44	34.77	PASS
N14	15	5	DFT-QPSK	H	Outer_Full	23.62	22.67	34.77	PASS
N14	15	5	DFT-QPSK	H	Inner_Full	24.64	23.69	34.77	PASS
N14	15	5	DFT-QPSK	H	Inner_1RB_Left	24.66	23.71	34.77	PASS
N14	15	5	DFT-QPSK	H	Inner_1RB_Right	24.52	23.57	34.77	PASS
N14	15	5	DFT-16QAM	H	Outer_Full	22.63	21.68	34.77	PASS
N14	15	5	DFT-16QAM	H	Inner_Full	23.74	22.79	34.77	PASS
N14	15	5	DFT-16QAM	H	Inner_1RB_Left	23.72	22.77	34.77	PASS
N14	15	5	DFT-16QAM	H	Inner_1RB_Right	23.60	22.65	34.77	PASS
N14	15	5	DFT-64QAM	H	Outer_Full	22.22	21.27	34.77	PASS
N14	15	5	DFT-64QAM	H	Inner_Full	22.23	21.28	34.77	PASS
N14	15	5	DFT-64QAM	H	Inner_1RB_Left	22.36	21.41	34.77	PASS
N14	15	5	DFT-64QAM	H	Inner_1RB_Right	22.27	21.32	34.77	PASS
N14	15	5	DFT-256QAM	H	Outer_Full	20.16	19.21	34.77	PASS
N14	15	5	DFT-256QAM	H	Inner_Full	20.23	19.28	34.77	PASS
N14	15	5	DFT-256QAM	H	Inner_1RB_Left	19.82	18.87	34.77	PASS
N14	15	5	DFT-256QAM	H	Inner_1RB_Right	19.57	18.62	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Outer_Full	23.48	22.53	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Inner_Full	24.65	23.7	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.74	23.79	34.77	PASS
N14	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.45	23.5	34.77	PASS
N14	15	10	DFT-QPSK	L	Outer_Full	23.73	22.78	34.77	PASS
N14	15	10	DFT-QPSK	L	Inner_Full	24.80	23.85	34.77	PASS
N14	15	10	DFT-QPSK	L	Inner_1RB_Left	24.90	23.95	34.77	PASS
N14	15	10	DFT-QPSK	L	Inner_1RB_Right	24.61	23.66	34.77	PASS
N14	15	10	DFT-16QAM	L	Outer_Full	22.76	21.81	34.77	PASS
N14	15	10	DFT-16QAM	L	Inner_Full	23.79	22.84	34.77	PASS
N14	15	10	DFT-16QAM	L	Inner_1RB_Left	23.77	22.82	34.77	PASS
N14	15	10	DFT-16QAM	L	Inner_1RB_Right	23.52	22.57	34.77	PASS
N14	15	10	DFT-64QAM	L	Outer_Full	22.32	21.37	34.77	PASS
N14	15	10	DFT-64QAM	L	Inner_Full	22.31	21.36	34.77	PASS
N14	15	10	DFT-64QAM	L	Inner_1RB_Left	22.62	21.67	34.77	PASS
N14	15	10	DFT-64QAM	L	Inner_1RB_Right	22.25	21.3	34.77	PASS
N14	15	10	DFT-256QAM	L	Outer_Full	20.29	19.34	34.77	PASS
N14	15	10	DFT-256QAM	L	Inner_Full	20.22	19.27	34.77	PASS
N14	15	10	DFT-256QAM	L	Inner_1RB_Left	19.87	18.92	34.77	PASS
N14	15	10	DFT-256QAM	L	Inner_1RB_Right	19.56	18.61	34.77	PASS
N14	15	10	DFT-PI2BPSK	M	Outer_Full	23.51	22.56	34.77	PASS

N14	15	10	DFT-PI2BPSK	M	Inner_Full	24.59	23.64	34.77	PASS
N14	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.79	23.84	34.77	PASS
N14	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.43	23.48	34.77	PASS
N14	15	10	DFT-QPSK	M	Outer_Full	23.74	22.79	34.77	PASS
N14	15	10	DFT-QPSK	M	Inner_Full	24.83	23.88	34.77	PASS
N14	15	10	DFT-QPSK	M	Inner_1RB_Left	24.81	23.86	34.77	PASS
N14	15	10	DFT-QPSK	M	Inner_1RB_Right	24.55	23.6	34.77	PASS
N14	15	10	DFT-16QAM	M	Outer_Full	22.75	21.8	34.77	PASS
N14	15	10	DFT-16QAM	M	Inner_Full	23.79	22.84	34.77	PASS
N14	15	10	DFT-16QAM	M	Inner_1RB_Left	23.83	22.88	34.77	PASS
N14	15	10	DFT-16QAM	M	Inner_1RB_Right	23.51	22.56	34.77	PASS
N14	15	10	DFT-64QAM	M	Outer_Full	22.31	21.36	34.77	PASS
N14	15	10	DFT-64QAM	M	Inner_Full	22.28	21.33	34.77	PASS
N14	15	10	DFT-64QAM	M	Inner_1RB_Left	22.62	21.67	34.77	PASS
N14	15	10	DFT-64QAM	M	Inner_1RB_Right	22.26	21.31	34.77	PASS
N14	15	10	DFT-256QAM	M	Outer_Full	20.30	19.35	34.77	PASS
N14	15	10	DFT-256QAM	M	Inner_Full	20.25	19.3	34.77	PASS
N14	15	10	DFT-256QAM	M	Inner_1RB_Left	19.89	18.94	34.77	PASS
N14	15	10	DFT-256QAM	M	Inner_1RB_Right	19.49	18.54	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Outer_Full	23.60	22.65	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Inner_Full	24.66	23.71	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.71	23.76	34.77	PASS
N14	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.44	23.49	34.77	PASS
N14	15	10	DFT-QPSK	H	Outer_Full	23.77	22.82	34.77	PASS
N14	15	10	DFT-QPSK	H	Inner_Full	24.85	23.9	34.77	PASS
N14	15	10	DFT-QPSK	H	Inner_1RB_Left	24.86	23.91	34.77	PASS
N14	15	10	DFT-QPSK	H	Inner_1RB_Right	24.58	23.63	34.77	PASS
N14	15	10	DFT-16QAM	H	Outer_Full	22.80	21.85	34.77	PASS
N14	15	10	DFT-16QAM	H	Inner_Full	23.82	22.87	34.77	PASS
N14	15	10	DFT-16QAM	H	Inner_1RB_Left	23.86	22.91	34.77	PASS
N14	15	10	DFT-16QAM	H	Inner_1RB_Right	23.57	22.62	34.77	PASS
N14	15	10	DFT-64QAM	H	Outer_Full	22.35	21.4	34.77	PASS
N14	15	10	DFT-64QAM	H	Inner_Full	22.30	21.35	34.77	PASS
N14	15	10	DFT-64QAM	H	Inner_1RB_Left	22.55	21.6	34.77	PASS
N14	15	10	DFT-64QAM	H	Inner_1RB_Right	22.30	21.35	34.77	PASS
N14	15	10	DFT-256QAM	H	Outer_Full	20.36	19.41	34.77	PASS
N14	15	10	DFT-256QAM	H	Inner_Full	20.27	19.32	34.77	PASS
N14	15	10	DFT-256QAM	H	Inner_1RB_Left	19.85	18.9	34.77	PASS
N14	15	10	DFT-256QAM	H	Inner_1RB_Right	19.50	18.55	34.77	PASS

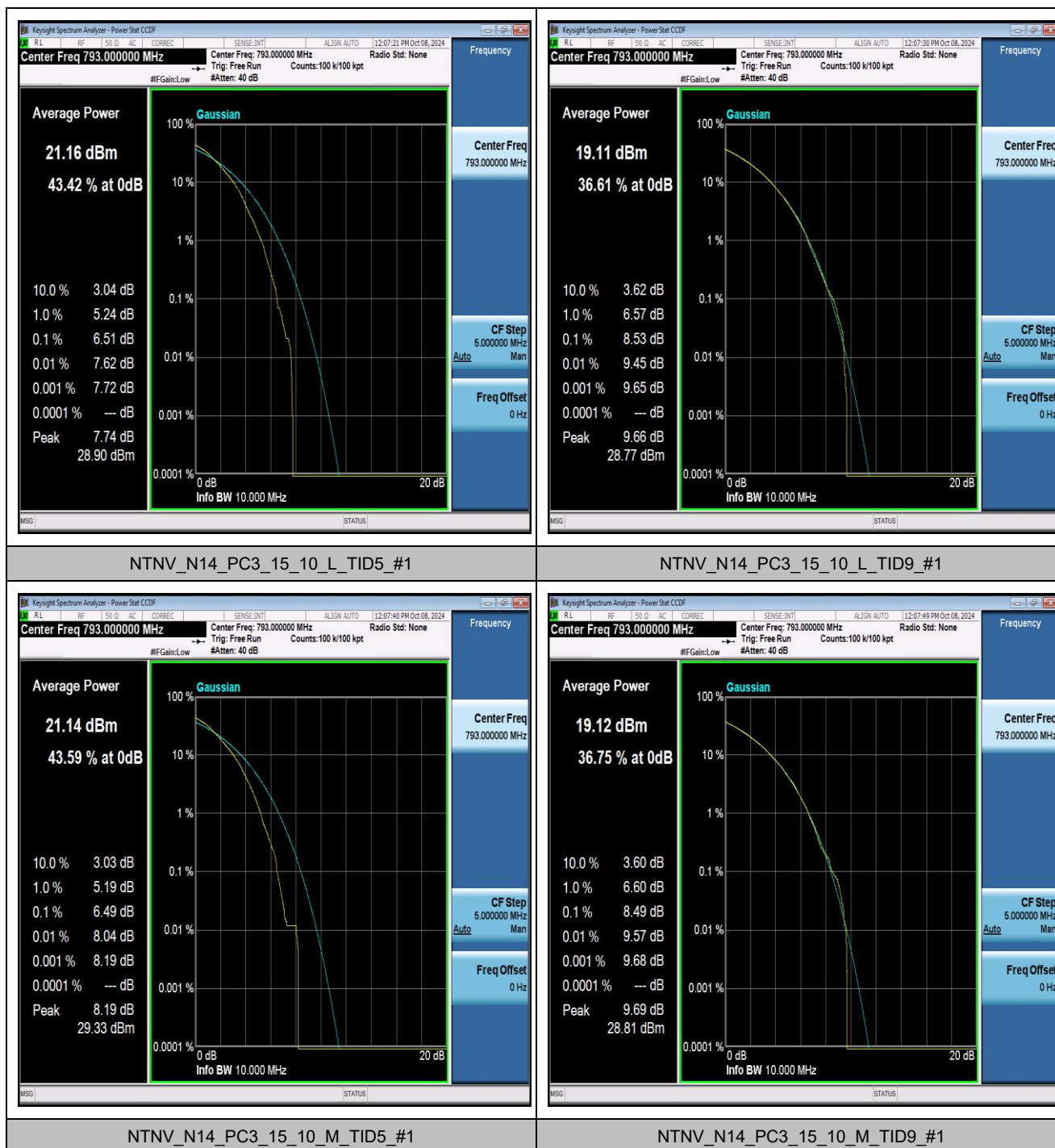
Peak-to-Average Ratio for SA

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





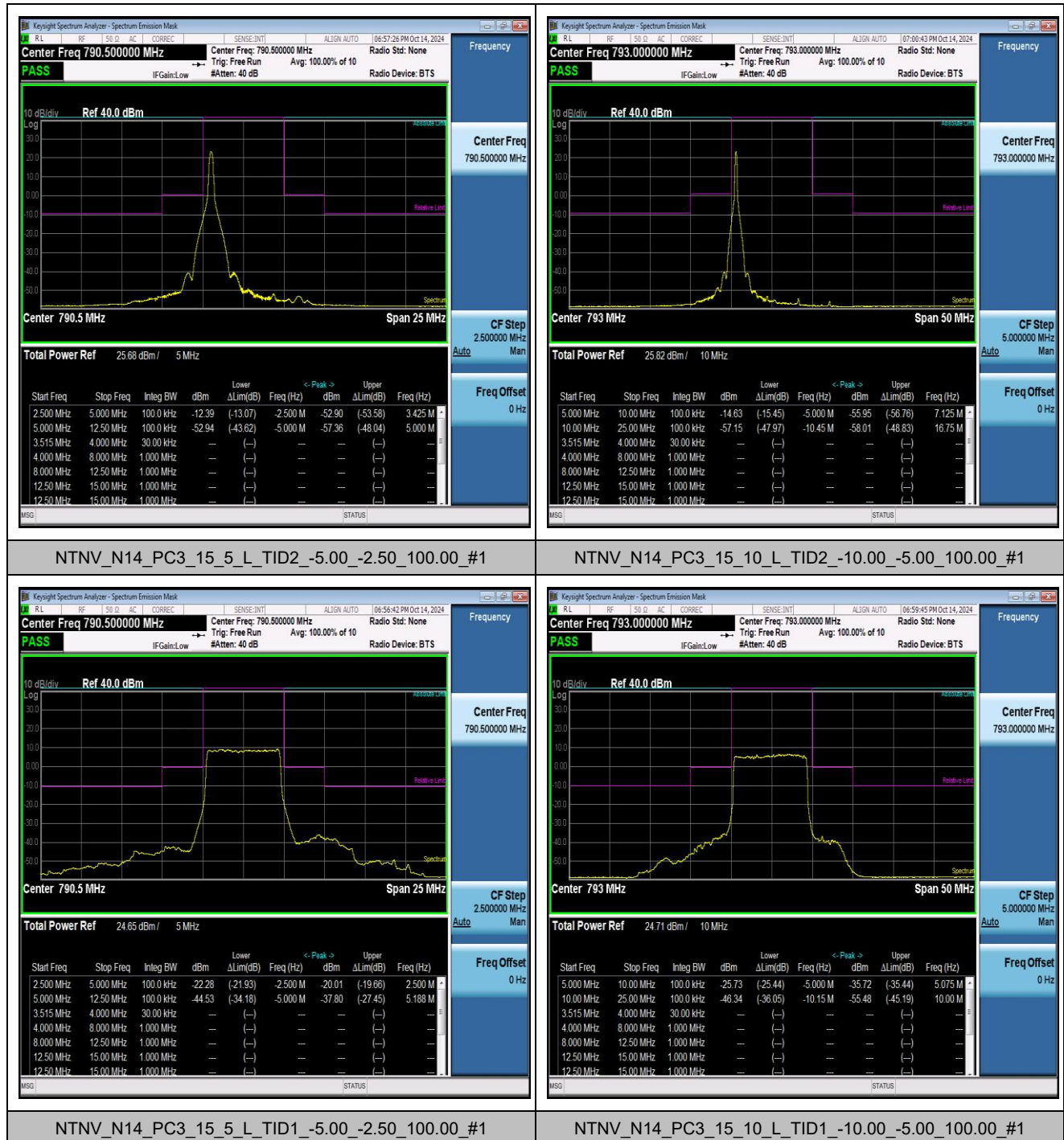
Emission Mask

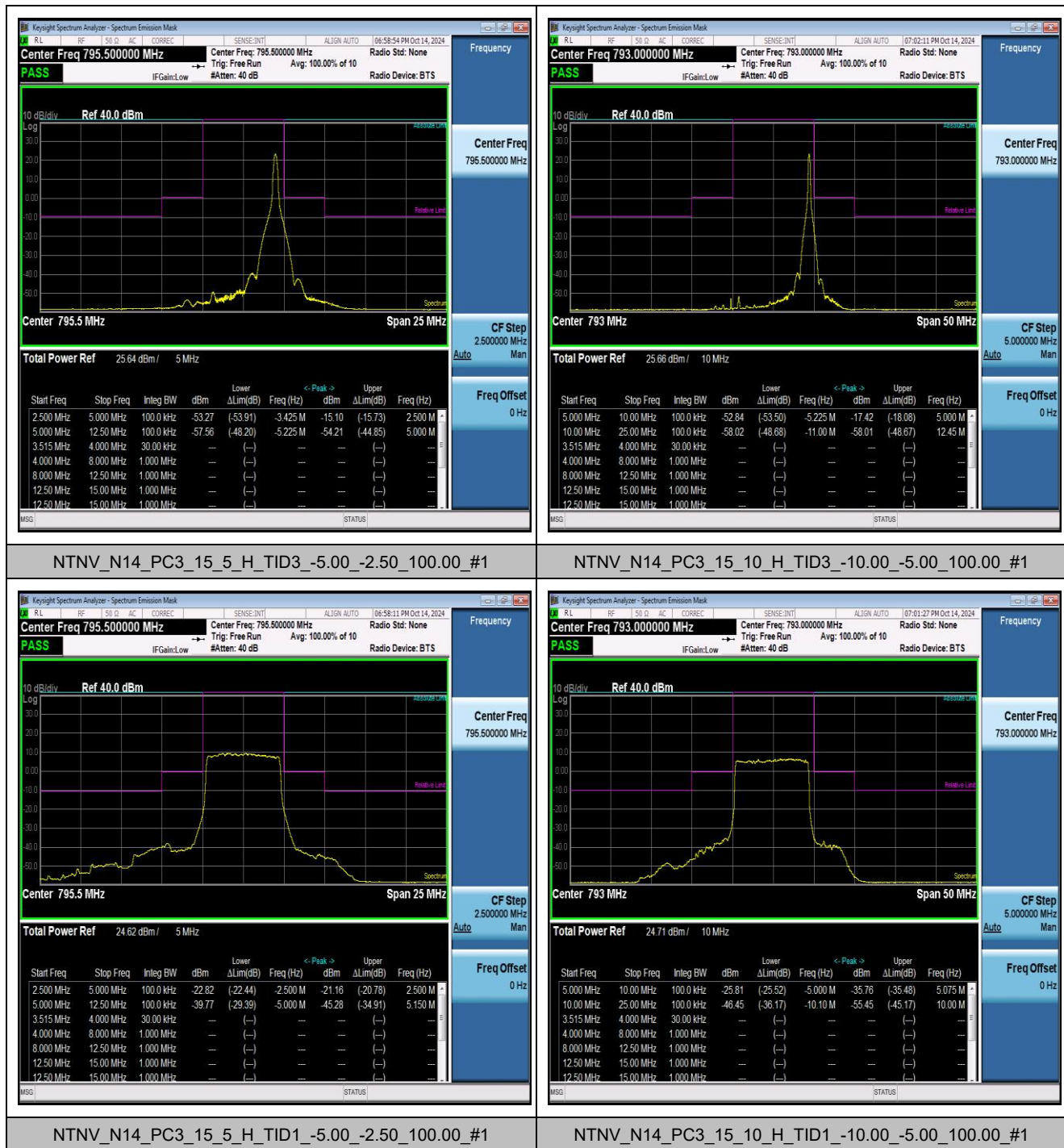
Test Result

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

