

Appendix for N26_824-849

Product Name: 5G Indoor CPE

Model No: TITAN 5000

Appendix A: Average Power Output Data

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	Power Class	Verdict
N26-824-849	15	5	DFT-QPSK	L	Outer_Full	22.77	PC3	PASS
N26-824-849	15	5	DFT-QPSK	L	Inner_Full	22.79	PC3	PASS
N26-824-849	15	5	DFT-QPSK	L	Edge_1RB_Left	22.73	PC3	PASS
N26-824-849	15	5	DFT-QPSK	L	Edge_1RB_Right	22.56	PC3	PASS
N26-824-849	15	5	DFT-16QAM	L	Outer_Full	21.85	PC3	PASS
N26-824-849	15	5	DFT-16QAM	L	Inner_Full	22.70	PC3	PASS
N26-824-849	15	5	DFT-16QAM	L	Edge_1RB_Left	22.03	PC3	PASS
N26-824-849	15	5	DFT-16QAM	L	Edge_1RB_Right	21.41	PC3	PASS
N26-824-849	15	5	DFT-QPSK	M	Outer_Full	22.94	PC3	PASS
N26-824-849	15	5	DFT-QPSK	M	Inner_Full	22.95	PC3	PASS
N26-824-849	15	5	DFT-QPSK	M	Edge_1RB_Left	22.83	PC3	PASS
N26-824-849	15	5	DFT-QPSK	M	Edge_1RB_Right	22.98	PC3	PASS
N26-824-849	15	5	DFT-16QAM	M	Outer_Full	21.88	PC3	PASS
N26-824-849	15	5	DFT-16QAM	M	Inner_Full	22.85	PC3	PASS
N26-824-849	15	5	DFT-16QAM	M	Edge_1RB_Left	22.27	PC3	PASS
N26-824-849	15	5	DFT-16QAM	M	Edge_1RB_Right	21.99	PC3	PASS
N26-824-849	15	5	DFT-QPSK	H	Outer_Full	22.96	PC3	PASS
N26-824-849	15	5	DFT-QPSK	H	Inner_Full	22.94	PC3	PASS

N26-824-849	15	5	DFT-QPSK	H	Edge_1RB_Left	22.98	PC3	PASS
N26-824-849	15	5	DFT-QPSK	H	Edge_1RB_Right	23.06	PC3	PASS
N26-824-849	15	5	DFT-16QAM	H	Outer_Full	21.94	PC3	PASS
N26-824-849	15	5	DFT-16QAM	H	Inner_Full	22.93	PC3	PASS
N26-824-849	15	5	DFT-16QAM	H	Edge_1RB_Left	22.47	PC3	PASS
N26-824-849	15	5	DFT-16QAM	H	Edge_1RB_Right	21.87	PC3	PASS
N26-824-849	15	10	DFT-QPSK	L	Outer_Full	22.95	PC3	PASS
N26-824-849	15	10	DFT-QPSK	L	Inner_Full	22.93	PC3	PASS
N26-824-849	15	10	DFT-QPSK	L	Edge_1RB_Left	22.55	PC3	PASS
N26-824-849	15	10	DFT-QPSK	L	Edge_1RB_Right	22.61	PC3	PASS
N26-824-849	15	10	DFT-16QAM	L	Outer_Full	21.92	PC3	PASS
N26-824-849	15	10	DFT-16QAM	L	Inner_Full	22.94	PC3	PASS
N26-824-849	15	10	DFT-16QAM	L	Edge_1RB_Left	21.47	PC3	PASS
N26-824-849	15	10	DFT-16QAM	L	Edge_1RB_Right	22.25	PC3	PASS
N26-824-849	15	10	DFT-QPSK	M	Outer_Full	23.04	PC3	PASS
N26-824-849	15	10	DFT-QPSK	M	Inner_Full	22.99	PC3	PASS
N26-824-849	15	10	DFT-QPSK	M	Edge_1RB_Left	22.58	PC3	PASS
N26-824-849	15	10	DFT-QPSK	M	Edge_1RB_Right	23.04	PC3	PASS
N26-824-849	15	10	DFT-16QAM	M	Outer_Full	21.89	PC3	PASS
N26-824-849	15	10	DFT-16QAM	M	Inner_Full	22.91	PC3	PASS
N26-824-849	15	10	DFT-16QAM	M	Edge_1RB_Left	21.62	PC3	PASS

N26-824-849	15	10	DFT-16QAM	M	Edge_1RB_Right	22.01	PC3	PASS
N26-824-849	15	10	DFT-QPSK	H	Outer_Full	23.13	PC3	PASS
N26-824-849	15	10	DFT-QPSK	H	Inner_Full	23.08	PC3	PASS
N26-824-849	15	10	DFT-QPSK	H	Edge_1RB_Left	23.16	PC3	PASS
N26-824-849	15	10	DFT-QPSK	H	Edge_1RB_Right	22.79	PC3	PASS
N26-824-849	15	10	DFT-16QAM	H	Outer_Full	22.16	PC3	PASS
N26-824-849	15	10	DFT-16QAM	H	Inner_Full	23.20	PC3	PASS
N26-824-849	15	10	DFT-16QAM	H	Edge_1RB_Left	22.65	PC3	PASS
N26-824-849	15	10	DFT-16QAM	H	Edge_1RB_Right	22.35	PC3	PASS
N26-824-849	15	15	DFT-QPSK	L	Outer_Full	23.09	PC3	PASS
N26-824-849	15	15	DFT-QPSK	L	Inner_Full	23.06	PC3	PASS
N26-824-849	15	15	DFT-QPSK	L	Edge_1RB_Left	23.04	PC3	PASS
N26-824-849	15	15	DFT-QPSK	L	Edge_1RB_Right	23.13	PC3	PASS
N26-824-849	15	15	DFT-16QAM	L	Outer_Full	22.12	PC3	PASS
N26-824-849	15	15	DFT-16QAM	L	Inner_Full	23.02	PC3	PASS
N26-824-849	15	15	DFT-16QAM	L	Edge_1RB_Left	21.97	PC3	PASS
N26-824-849	15	15	DFT-16QAM	L	Edge_1RB_Right	21.91	PC3	PASS
N26-824-849	15	15	DFT-QPSK	M	Outer_Full	23.06	PC3	PASS
N26-824-849	15	15	DFT-QPSK	M	Inner_Full	23.03	PC3	PASS
N26-824-849	15	15	DFT-QPSK	M	Edge_1RB_Left	23.33	PC3	PASS
N26-824-849	15	15	DFT-QPSK	M	Edge_1RB_Right	23.01	PC3	PASS

N26-824-849	15	15	DFT-16QAM	M	Outer_Full	22.06	PC3	PASS
N26-824-849	15	15	DFT-16QAM	M	Inner_Full	23.06	PC3	PASS
N26-824-849	15	15	DFT-16QAM	M	Edge_1RB_Left	21.61	PC3	PASS
N26-824-849	15	15	DFT-16QAM	M	Edge_1RB_Right	22.08	PC3	PASS
N26-824-849	15	15	DFT-QPSK	H	Outer_Full	23.22	PC3	PASS
N26-824-849	15	15	DFT-QPSK	H	Inner_Full	23.29	PC3	PASS
N26-824-849	15	15	DFT-QPSK	H	Edge_1RB_Left	23.60	PC3	PASS
N26-824-849	15	15	DFT-QPSK	H	Edge_1RB_Right	23.13	PC3	PASS
N26-824-849	15	15	DFT-16QAM	H	Outer_Full	22.09	PC3	PASS
N26-824-849	15	15	DFT-16QAM	H	Inner_Full	23.28	PC3	PASS
N26-824-849	15	15	DFT-16QAM	H	Edge_1RB_Left	22.19	PC3	PASS
N26-824-849	15	15	DFT-16QAM	H	Edge_1RB_Right	22.11	PC3	PASS
N26-824-849	15	20	DFT-QPSK	L	Outer_Full	23.07	PC3	PASS
N26-824-849	15	20	DFT-QPSK	L	Inner_Full	23.06	PC3	PASS
N26-824-849	15	20	DFT-QPSK	L	Edge_1RB_Left	23.02	PC3	PASS
N26-824-849	15	20	DFT-QPSK	L	Edge_1RB_Right	23.22	PC3	PASS
N26-824-849	15	20	DFT-16QAM	L	Outer_Full	22.09	PC3	PASS
N26-824-849	15	20	DFT-16QAM	L	Inner_Full	23.00	PC3	PASS
N26-824-849	15	20	DFT-16QAM	L	Edge_1RB_Left	21.66	PC3	PASS
N26-824-849	15	20	DFT-16QAM	L	Edge_1RB_Right	22.12	PC3	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	23.10	PC3	PASS

N26-824-849	15	20	DFT-QPSK	M	Inner_Full	23.10	PC3	PASS
N26-824-849	15	20	DFT-QPSK	M	Edge_1RB_Left	22.99	PC3	PASS
N26-824-849	15	20	DFT-QPSK	M	Edge_1RB_Right	23.05	PC3	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	22.12	PC3	PASS
N26-824-849	15	20	DFT-16QAM	M	Inner_Full	23.14	PC3	PASS
N26-824-849	15	20	DFT-16QAM	M	Edge_1RB_Left	22.18	PC3	PASS
N26-824-849	15	20	DFT-16QAM	M	Edge_1RB_Right	22.19	PC3	PASS
N26-824-849	15	20	DFT-QPSK	H	Outer_Full	23.08	PC3	PASS
N26-824-849	15	20	DFT-QPSK	H	Inner_Full	23.12	PC3	PASS
N26-824-849	15	20	DFT-QPSK	H	Edge_1RB_Left	22.88	PC3	PASS
N26-824-849	15	20	DFT-QPSK	H	Edge_1RB_Right	23.17	PC3	PASS
N26-824-849	15	20	DFT-16QAM	H	Outer_Full	22.09	PC3	PASS
N26-824-849	15	20	DFT-16QAM	H	Inner_Full	23.09	PC3	PASS
N26-824-849	15	20	DFT-16QAM	H	Edge_1RB_Left	21.63	PC3	PASS
N26-824-849	15	20	DFT-16QAM	H	Edge_1RB_Right	21.95	PC3	PASS

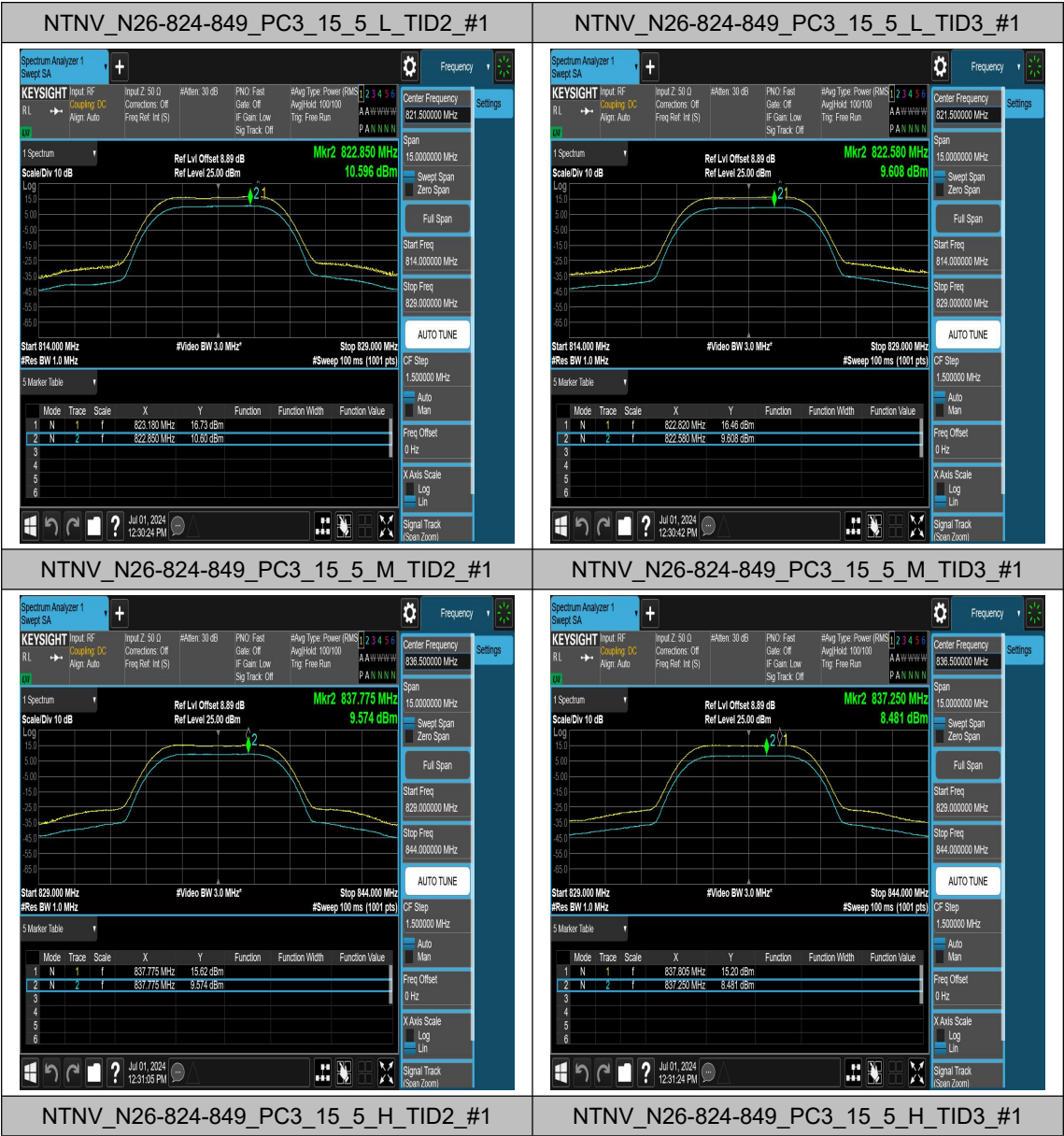
Appendix B: Peak-to-Average Ratio for SA

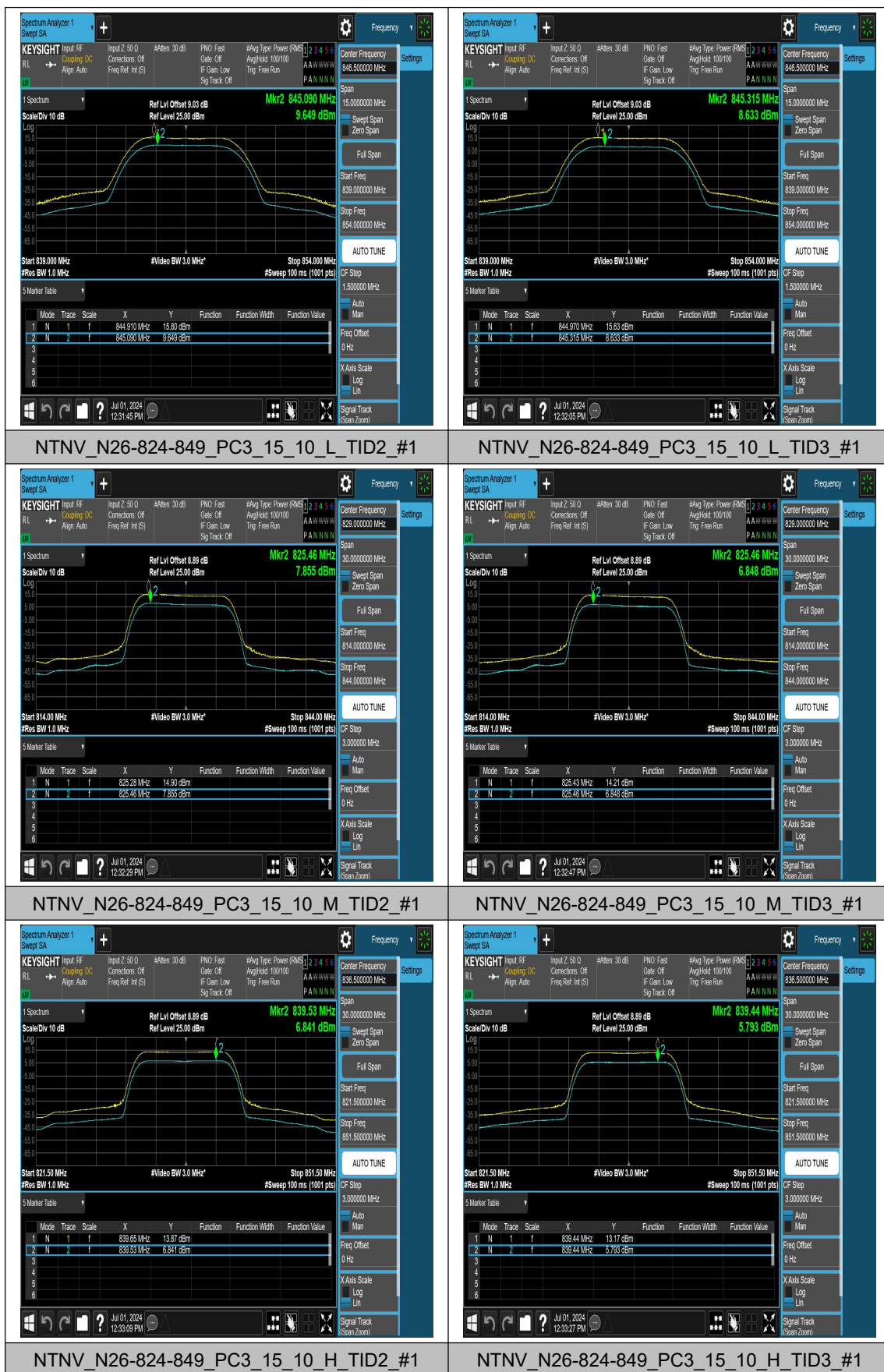
Peak-to-Average Ratio(PAPR)

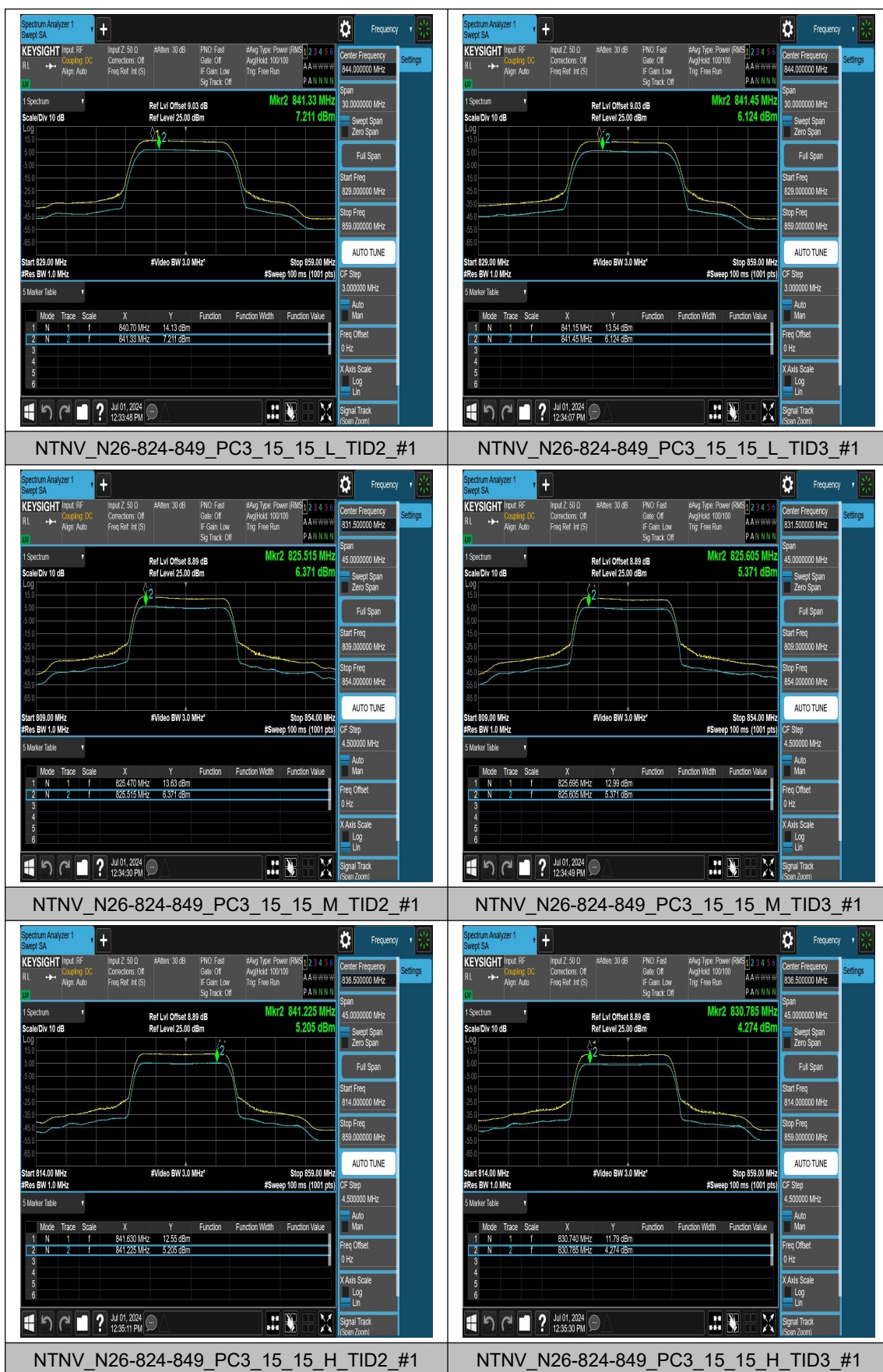
Test Result

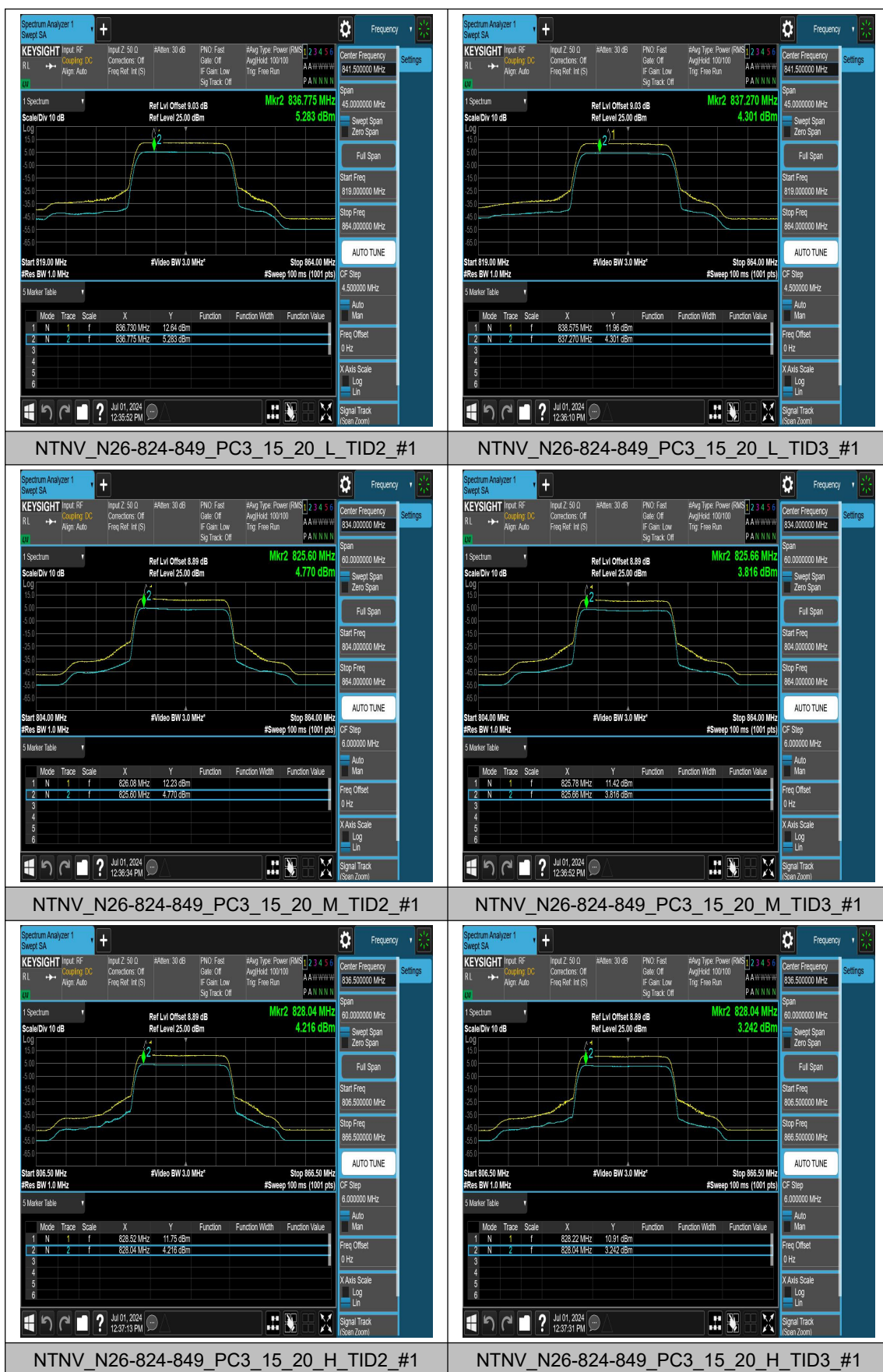
Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N26-824-849	15	5	DFT-QPSK	L	Outer_Full	100%	0.00	6.13	≤13	PASS
N26-824-849	15	5	DFT-16QAM	L	Outer_Full	100%	0.00	6.85	≤13	PASS
N26-824-849	15	5	DFT-QPSK	M	Outer_Full	100%	0.00	6.05	≤13	PASS
N26-824-849	15	5	DFT-16QAM	M	Outer_Full	100%	0.00	6.73	≤13	PASS
N26-824-849	15	5	DFT-QPSK	H	Outer_Full	100%	0.00	6.15	≤13	PASS
N26-824-849	15	5	DFT-16QAM	H	Outer_Full	100%	0.00	7.00	≤13	PASS
N26-824-849	15	10	DFT-QPSK	L	Outer_Full	100%	0.00	7.04	≤13	PASS
N26-824-849	15	10	DFT-16QAM	L	Outer_Full	100%	0.00	7.36	≤13	PASS
N26-824-849	15	10	DFT-QPSK	M	Outer_Full	100%	0.00	7.03	≤13	PASS
N26-824-849	15	10	DFT-16QAM	M	Outer_Full	100%	0.00	7.38	≤13	PASS
N26-824-849	15	10	DFT-QPSK	H	Outer_Full	100%	0.00	6.92	≤13	PASS
N26-824-849	15	10	DFT-16QAM	H	Outer_Full	100%	0.00	7.42	≤13	PASS
N26-824-849	15	15	DFT-QPSK	L	Outer_Full	100%	0.00	7.26	≤13	PASS
N26-824-849	15	15	DFT-16QAM	L	Outer_Full	100%	0.00	7.62	≤13	PASS
N26-824-849	15	15	DFT-QPSK	M	Outer_Full	100%	0.00	7.34	≤13	PASS
N26-824-849	15	15	DFT-16QAM	M	Outer_Full	100%	0.00	7.52	≤13	PASS
N26-824-849	15	15	DFT-QPSK	H	Outer_Full	100%	0.00	7.36	≤13	PASS
N26-824-849	15	15	DFT-16QAM	H	Outer_Full	100%	0.00	7.66	≤13	PASS
N26-824-849	15	20	DFT-QPSK	L	Outer_Full	100%	0.00	7.46	≤13	PASS
N26-824-849	15	20	DFT-16QAM	L	Outer_Full	100%	0.00	7.60	≤13	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	100%	0.00	7.53	≤13	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	100%	0.00	7.67	≤13	PASS
N26-824-849	15	20	DFT-QPSK	H	Outer_Full	100%	0.00	7.56	≤13	PASS
N26-824-849	15	20	DFT-16QAM	H	Outer_Full	100%	0.00	7.70	≤13	PASS

Test Graphs











Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N26-824-849	15	5	DFT-QPSK	L	Outer_Full	4.4775	5.124	PASS
N26-824-849	15	5	DFT-16QAM	L	Outer_Full	4.4800	5.022	PASS
N26-824-849	15	5	DFT-QPSK	M	Outer_Full	4.4784	5.127	PASS
N26-824-849	15	5	DFT-16QAM	M	Outer_Full	4.4857	5.099	PASS
N26-824-849	15	5	DFT-QPSK	H	Outer_Full	4.4815	5.044	PASS
N26-824-849	15	5	DFT-16QAM	H	Outer_Full	4.4791	5.041	PASS
N26-824-849	15	10	DFT-QPSK	L	Outer_Full	8.9512	9.711	PASS
N26-824-849	15	10	DFT-16QAM	L	Outer_Full	8.9374	9.732	PASS
N26-824-849	15	10	DFT-QPSK	M	Outer_Full	8.9337	9.693	PASS
N26-824-849	15	10	DFT-16QAM	M	Outer_Full	8.9417	9.643	PASS
N26-824-849	15	10	DFT-QPSK	H	Outer_Full	8.9330	9.662	PASS
N26-824-849	15	10	DFT-16QAM	H	Outer_Full	8.9384	9.748	PASS
N26-824-849	15	15	DFT-QPSK	L	Outer_Full	13.412	14.33	PASS
N26-824-849	15	15	DFT-16QAM	L	Outer_Full	13.406	14.37	PASS
N26-824-849	15	15	DFT-QPSK	M	Outer_Full	13.393	14.36	PASS
N26-824-849	15	15	DFT-16QAM	M	Outer_Full	13.413	14.36	PASS
N26-824-849	15	15	DFT-QPSK	H	Outer_Full	13.376	14.30	PASS
N26-824-849	15	15	DFT-16QAM	H	Outer_Full	13.383	14.29	PASS

N26-824-849	15	20	DFT-QPSK	L	Outer_Full	17.846	19.01	PASS
N26-824-849	15	20	DFT-16QAM	L	Outer_Full	17.881	18.88	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	17.855	18.95	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	17.827	18.89	PASS
N26-824-849	15	20	DFT-QPSK	H	Outer_Full	17.839	18.91	PASS
N26-824-849	15	20	DFT-16QAM	H	Outer_Full	17.798	18.88	PASS

Test Graphs

