

Appendix for N5

Product Name: Rugged handheld

Model No: UA60

Appendix A: Average Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	Power Class	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	22.61	PC3	PASS
N5	15	5	DFT-QPSK	L	Inner_Full	22.63	PC3	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	22.66	PC3	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Right	22.83	PC3	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	21.70	PC3	PASS
N5	15	5	DFT-16QAM	L	Inner_Full	22.56	PC3	PASS
N5	15	5	DFT-16QAM	L	Edge_1RB_Left	21.75	PC3	PASS
N5	15	5	DFT-16QAM	L	Edge_1RB_Right	21.69	PC3	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	22.65	PC3	PASS
N5	15	5	DFT-QPSK	M	Inner_Full	22.66	PC3	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	22.72	PC3	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Right	22.62	PC3	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	21.66	PC3	PASS
N5	15	5	DFT-16QAM	M	Inner_Full	22.64	PC3	PASS
N5	15	5	DFT-16QAM	M	Edge_1RB_Left	21.68	PC3	PASS
N5	15	5	DFT-16QAM	M	Edge_1RB_Right	21.67	PC3	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	22.60	PC3	PASS
N5	15	5	DFT-QPSK	H	Inner_Full	22.51	PC3	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	22.53	PC3	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	22.47	PC3	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	21.67	PC3	PASS
N5	15	5	DFT-16QAM	H	Inner_Full	22.58	PC3	PASS
N5	15	5	DFT-16QAM	H	Edge_1RB_Left	21.60	PC3	PASS
N5	15	5	DFT-16QAM	H	Edge_1RB_Right	21.56	PC3	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	22.67	PC3	PASS
N5	15	10	DFT-QPSK	L	Inner_Full	22.71	PC3	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	22.55	PC3	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Right	22.54	PC3	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	21.84	PC3	PASS
N5	15	10	DFT-16QAM	L	Inner_Full	22.67	PC3	PASS
N5	15	10	DFT-16QAM	L	Edge_1RB_Left	21.36	PC3	PASS
N5	15	10	DFT-16QAM	L	Edge_1RB_Right	21.33	PC3	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	22.64	PC3	PASS
N5	15	10	DFT-QPSK	M	Inner_Full	22.66	PC3	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	22.58	PC3	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Right	22.51	PC3	PASS

N5	15	10	DFT-16QAM	M	Outer_Full	21.66	PC3	PASS
N5	15	10	DFT-16QAM	M	Inner_Full	22.66	PC3	PASS
N5	15	10	DFT-16QAM	M	Edge_1RB_Left	21.83	PC3	PASS
N5	15	10	DFT-16QAM	M	Edge_1RB_Right	21.76	PC3	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	22.65	PC3	PASS
N5	15	10	DFT-QPSK	H	Inner_Full	22.64	PC3	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	22.29	PC3	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	22.18	PC3	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	21.65	PC3	PASS
N5	15	10	DFT-16QAM	H	Inner_Full	22.60	PC3	PASS
N5	15	10	DFT-16QAM	H	Edge_1RB_Left	21.67	PC3	PASS
N5	15	10	DFT-16QAM	H	Edge_1RB_Right	21.55	PC3	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	22.80	PC3	PASS
N5	15	15	DFT-QPSK	L	Inner_Full	22.66	PC3	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	22.32	PC3	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Right	22.27	PC3	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	21.73	PC3	PASS
N5	15	15	DFT-16QAM	L	Inner_Full	22.60	PC3	PASS
N5	15	15	DFT-16QAM	L	Edge_1RB_Left	21.72	PC3	PASS
N5	15	15	DFT-16QAM	L	Edge_1RB_Right	21.77	PC3	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	22.82	PC3	PASS
N5	15	15	DFT-QPSK	M	Inner_Full	22.72	PC3	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	22.61	PC3	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Right	22.44	PC3	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	21.81	PC3	PASS
N5	15	15	DFT-16QAM	M	Inner_Full	22.72	PC3	PASS
N5	15	15	DFT-16QAM	M	Edge_1RB_Left	21.84	PC3	PASS
N5	15	15	DFT-16QAM	M	Edge_1RB_Right	21.69	PC3	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	22.72	PC3	PASS
N5	15	15	DFT-QPSK	H	Inner_Full	22.69	PC3	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	22.81	PC3	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Right	22.62	PC3	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	21.85	PC3	PASS
N5	15	15	DFT-16QAM	H	Inner_Full	22.75	PC3	PASS
N5	15	15	DFT-16QAM	H	Edge_1RB_Left	22.17	PC3	PASS
N5	15	15	DFT-16QAM	H	Edge_1RB_Right	21.93	PC3	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	22.74	PC3	PASS
N5	15	20	DFT-QPSK	L	Inner_Full	22.74	PC3	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	22.53	PC3	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Right	22.50	PC3	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	21.82	PC3	PASS
N5	15	20	DFT-16QAM	L	Inner_Full	22.82	PC3	PASS

N5	15	20	DFT-16QAM	L	Edge_1RB_Left	21.64	PC3	PASS
N5	15	20	DFT-16QAM	L	Edge_1RB_Right	21.52	PC3	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	22.75	PC3	PASS
N5	15	20	DFT-QPSK	M	Inner_Full	22.77	PC3	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	22.85	PC3	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Right	22.62	PC3	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	21.73	PC3	PASS
N5	15	20	DFT-16QAM	M	Inner_Full	22.82	PC3	PASS
N5	15	20	DFT-16QAM	M	Edge_1RB_Left	21.84	PC3	PASS
N5	15	20	DFT-16QAM	M	Edge_1RB_Right	21.64	PC3	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	22.71	PC3	PASS
N5	15	20	DFT-QPSK	H	Inner_Full	22.76	PC3	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	22.77	PC3	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Right	22.63	PC3	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	21.82	PC3	PASS
N5	15	20	DFT-16QAM	H	Inner_Full	22.77	PC3	PASS
N5	15	20	DFT-16QAM	H	Edge_1RB_Left	21.80	PC3	PASS
N5	15	20	DFT-16QAM	H	Edge_1RB_Right	21.61	PC3	PASS

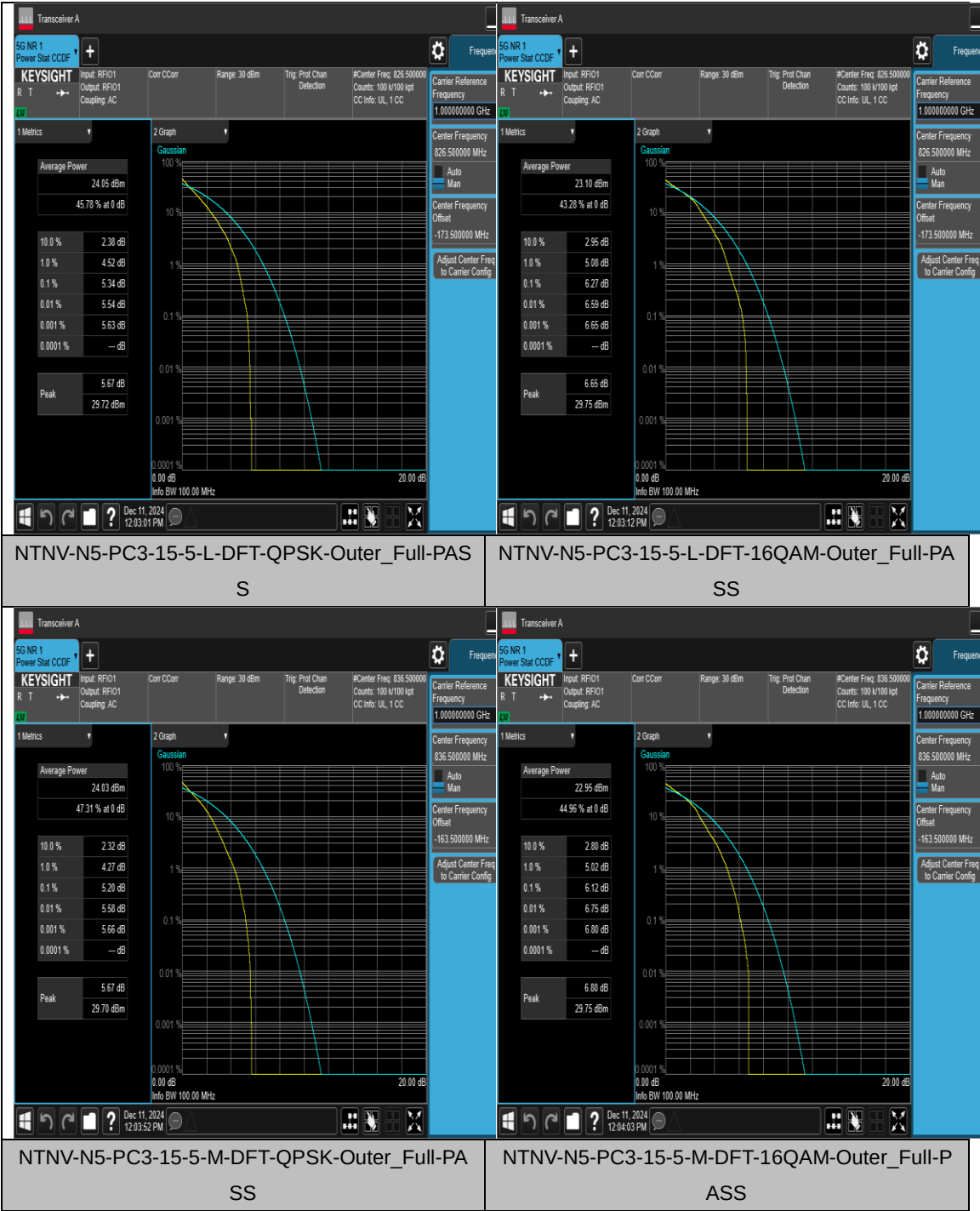
Appendix B: Peak-to-Average Ratio for SA

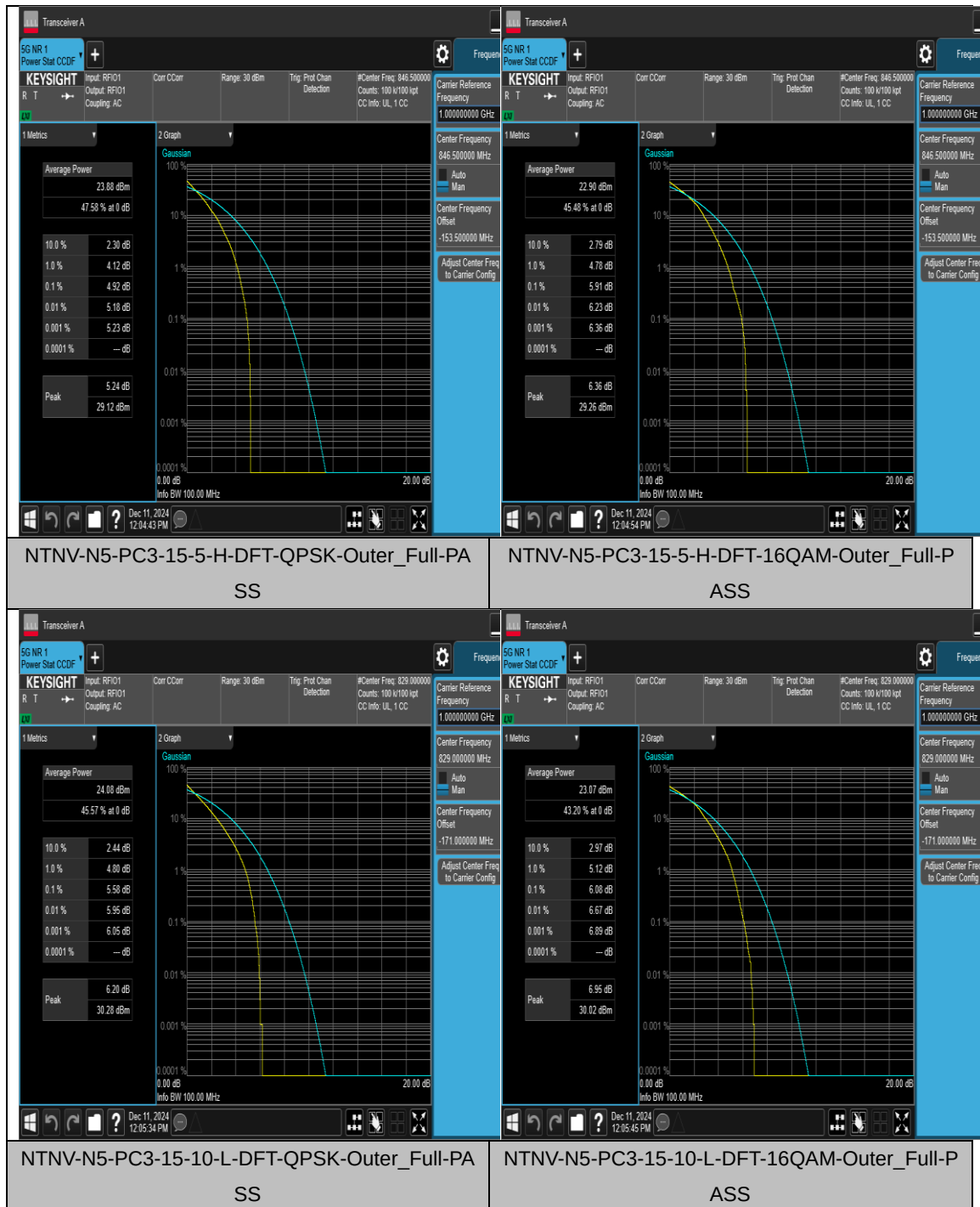
Peak-to-Average Ratio(CCDF)

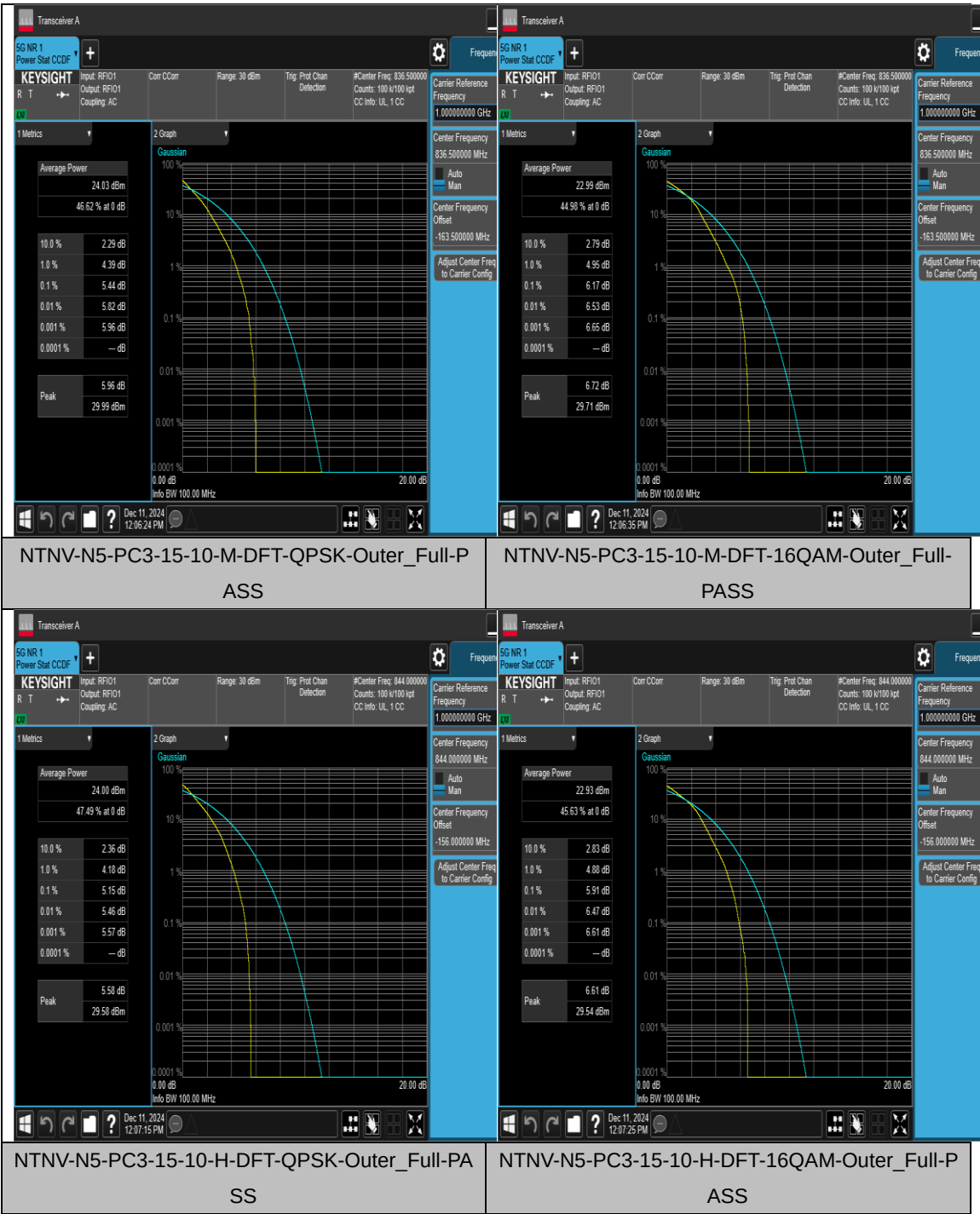
Test Result

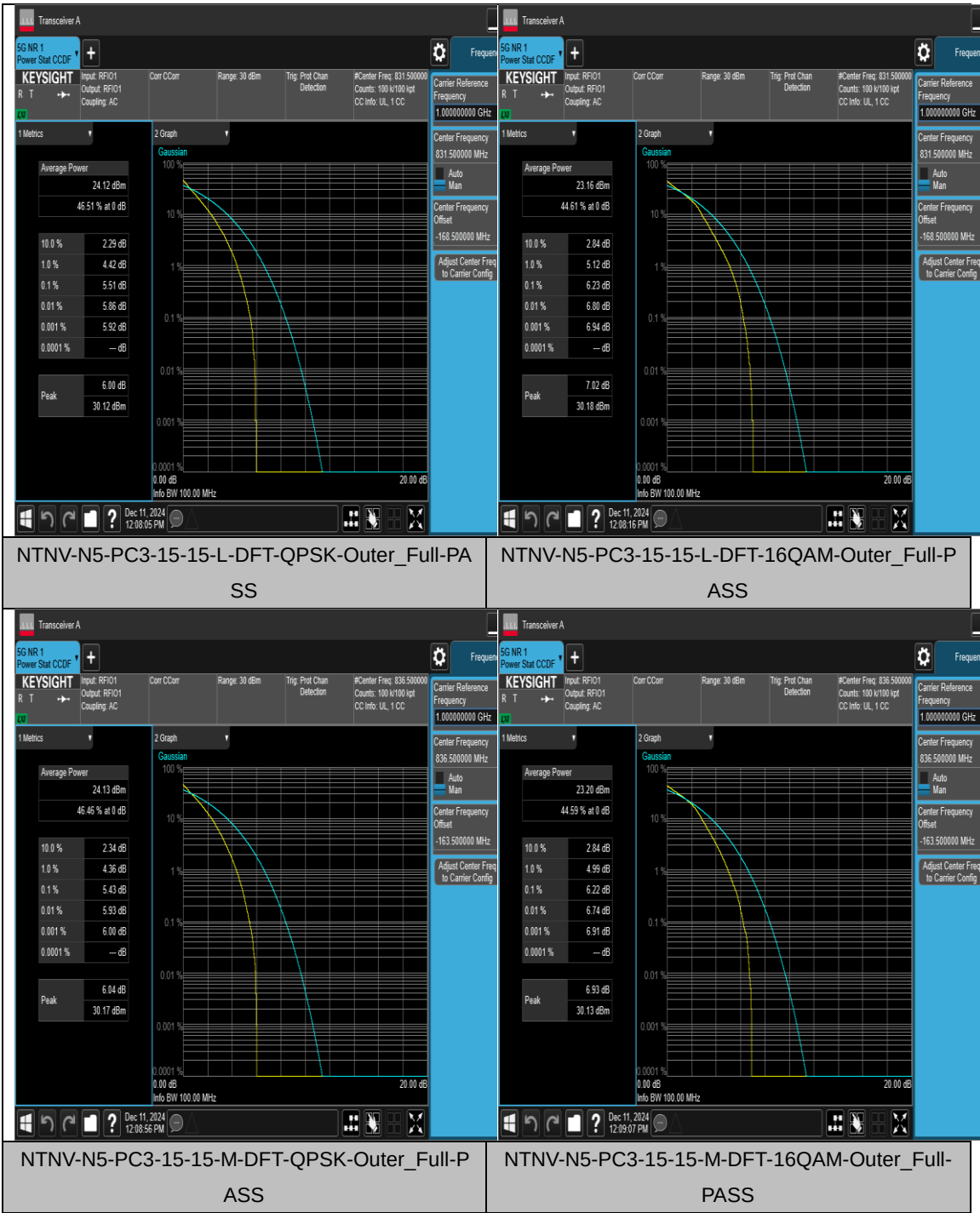
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	5.34	≤13	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	6.27	≤13	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	5.20	≤13	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	6.12	≤13	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.92	≤13	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	5.91	≤13	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	5.58	≤13	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	6.08	≤13	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	5.44	≤13	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	6.17	≤13	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	5.15	≤13	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	5.91	≤13	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	5.51	≤13	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	6.23	≤13	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	5.43	≤13	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	6.22	≤13	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	5.32	≤13	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	6.04	≤13	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	5.26	≤13	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	6.16	≤13	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	5.53	≤13	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	6.27	≤13	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	5.37	≤13	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	6.24	≤13	PASS

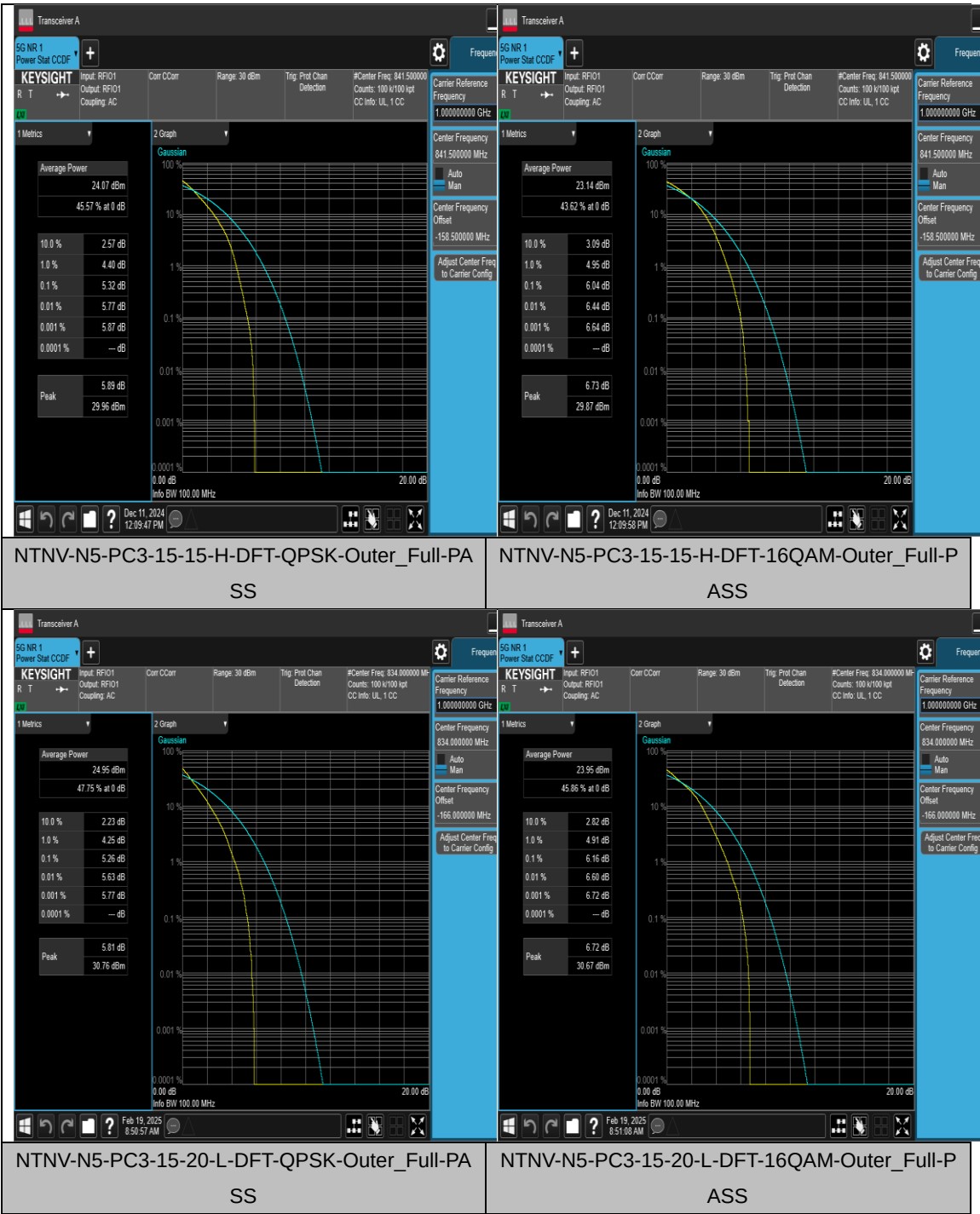
Test Graphs

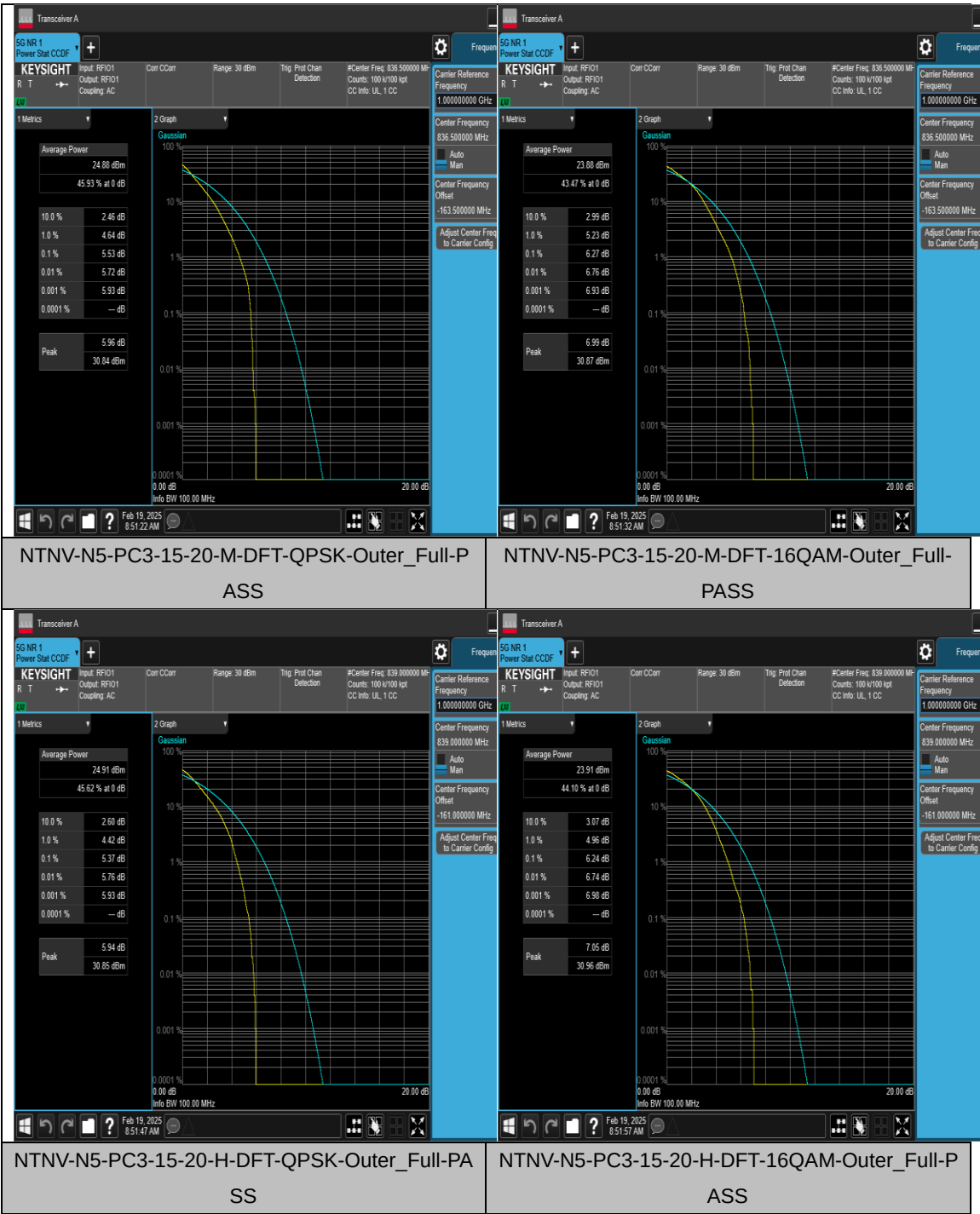










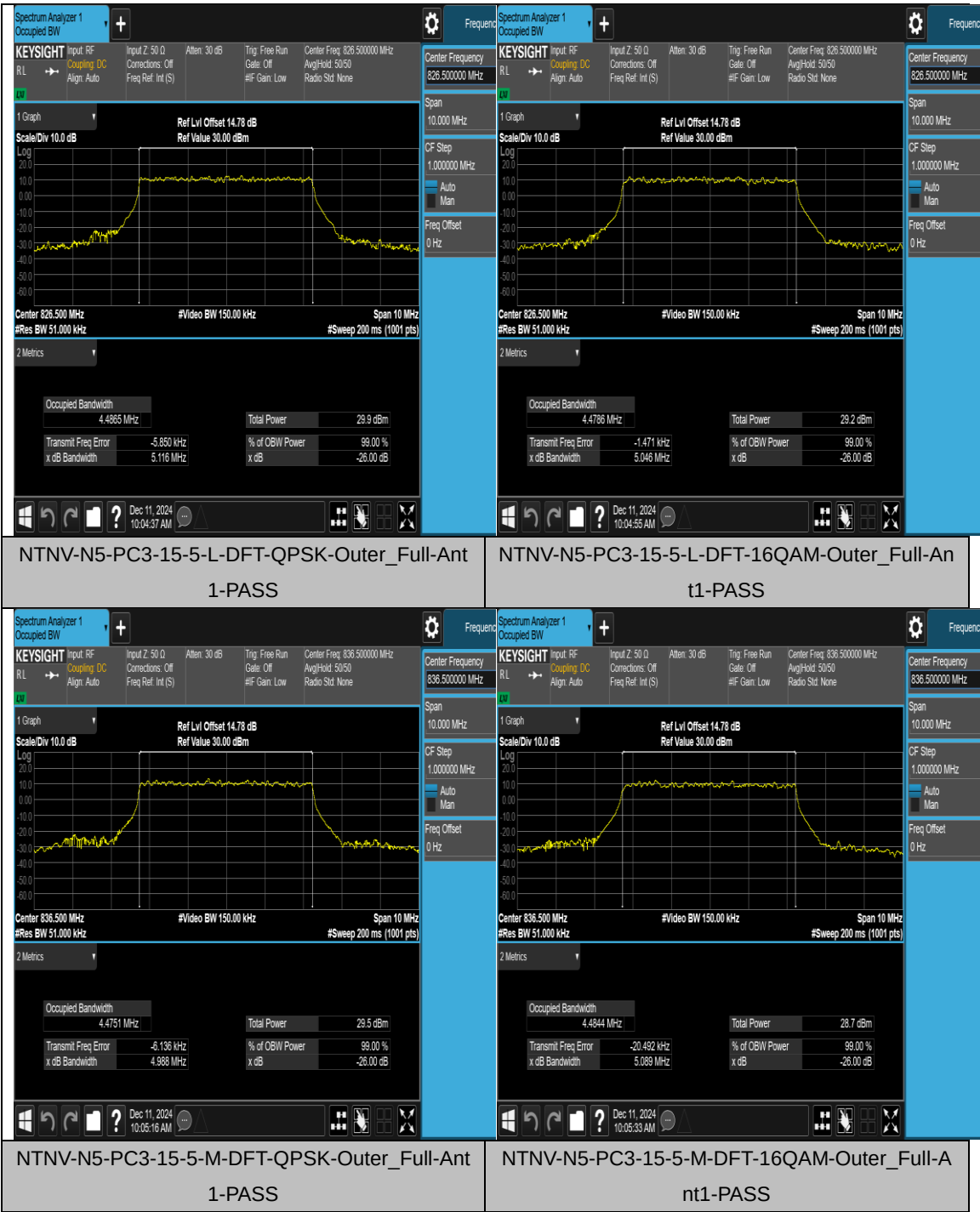


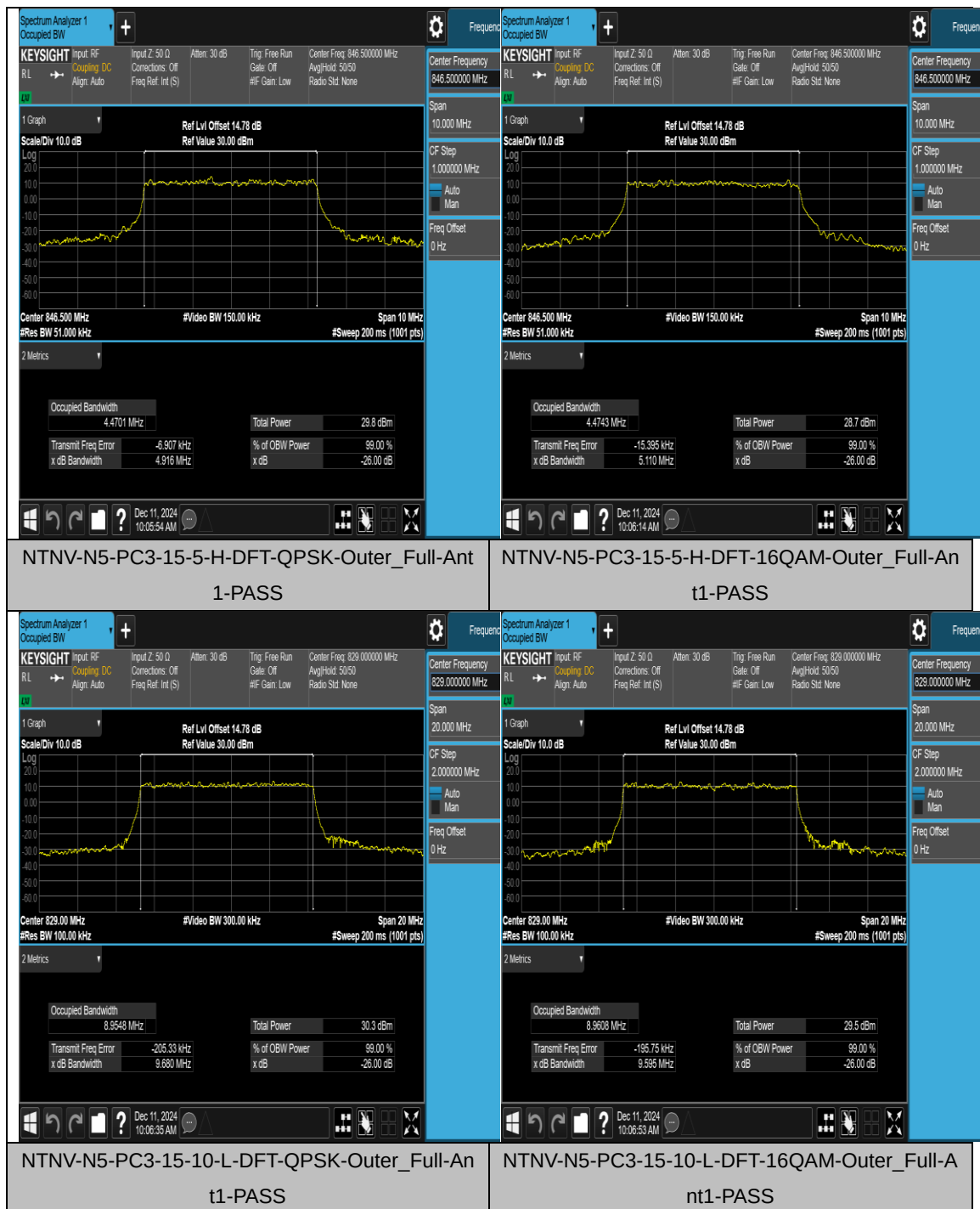
Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

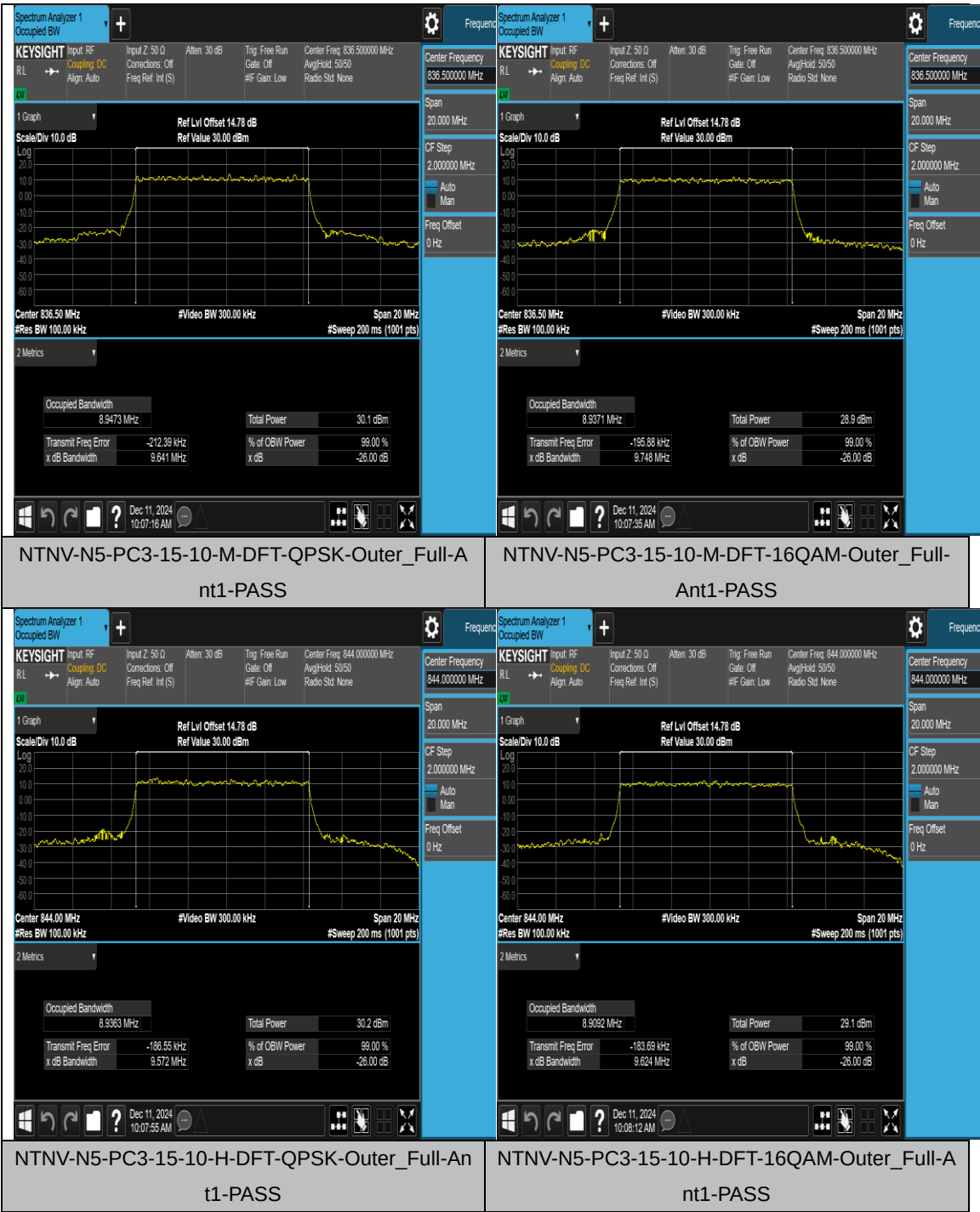
Test Result

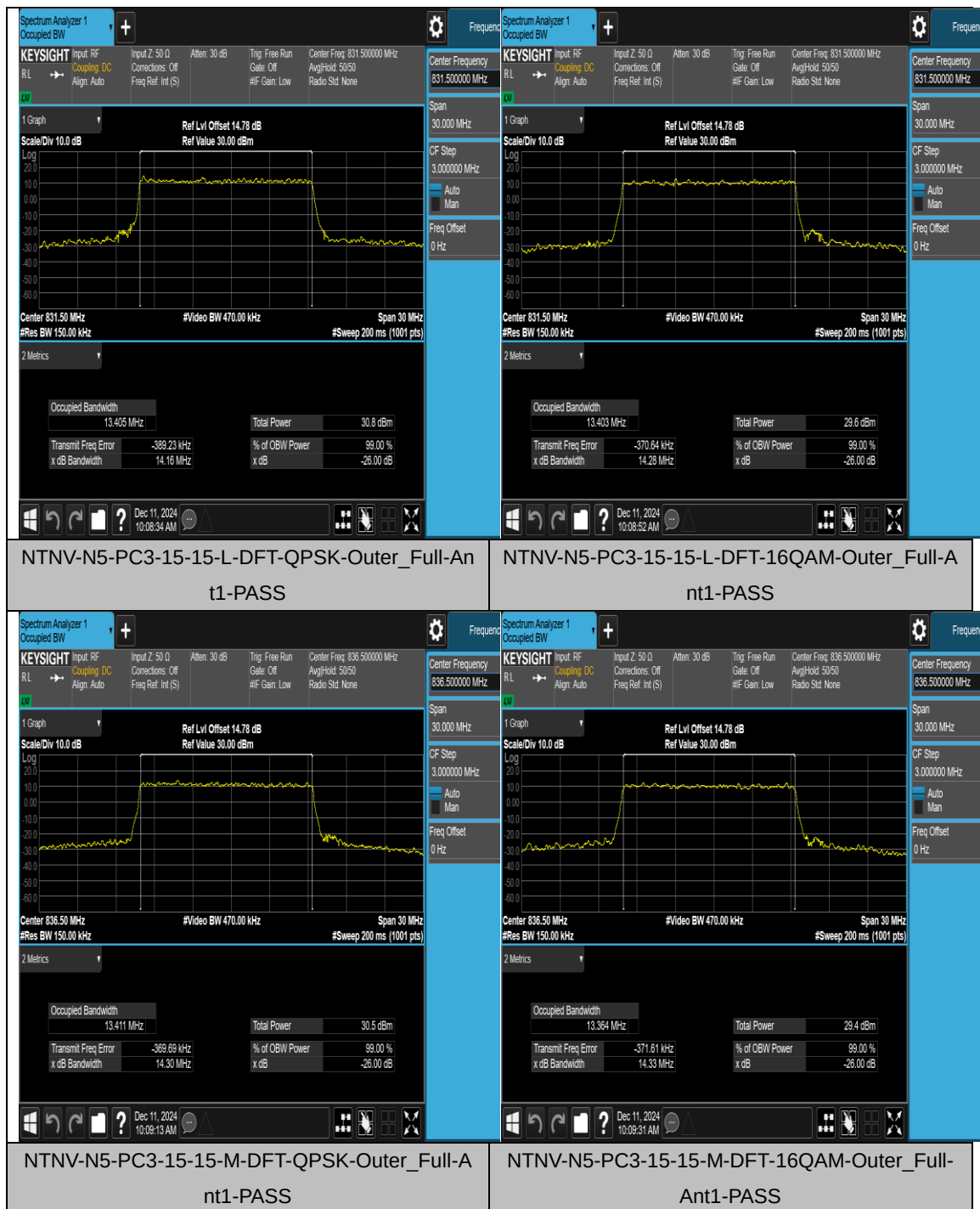
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	4.4865	5.116	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	4.4786	5.046	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.4751	4.988	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.4844	5.089	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	4.4701	4.916	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	4.4743	5.110	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	8.9548	9.680	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	8.9608	9.595	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.9473	9.641	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.9371	9.748	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	8.9363	9.572	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	8.9092	9.624	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	13.405	14.16	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	13.403	14.28	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.411	14.30	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.364	14.33	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	13.409	14.29	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	13.384	14.27	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	17.868	18.98	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	17.855	18.81	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.913	18.94	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.874	19.05	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	17.831	18.92	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	17.844	18.90	PASS

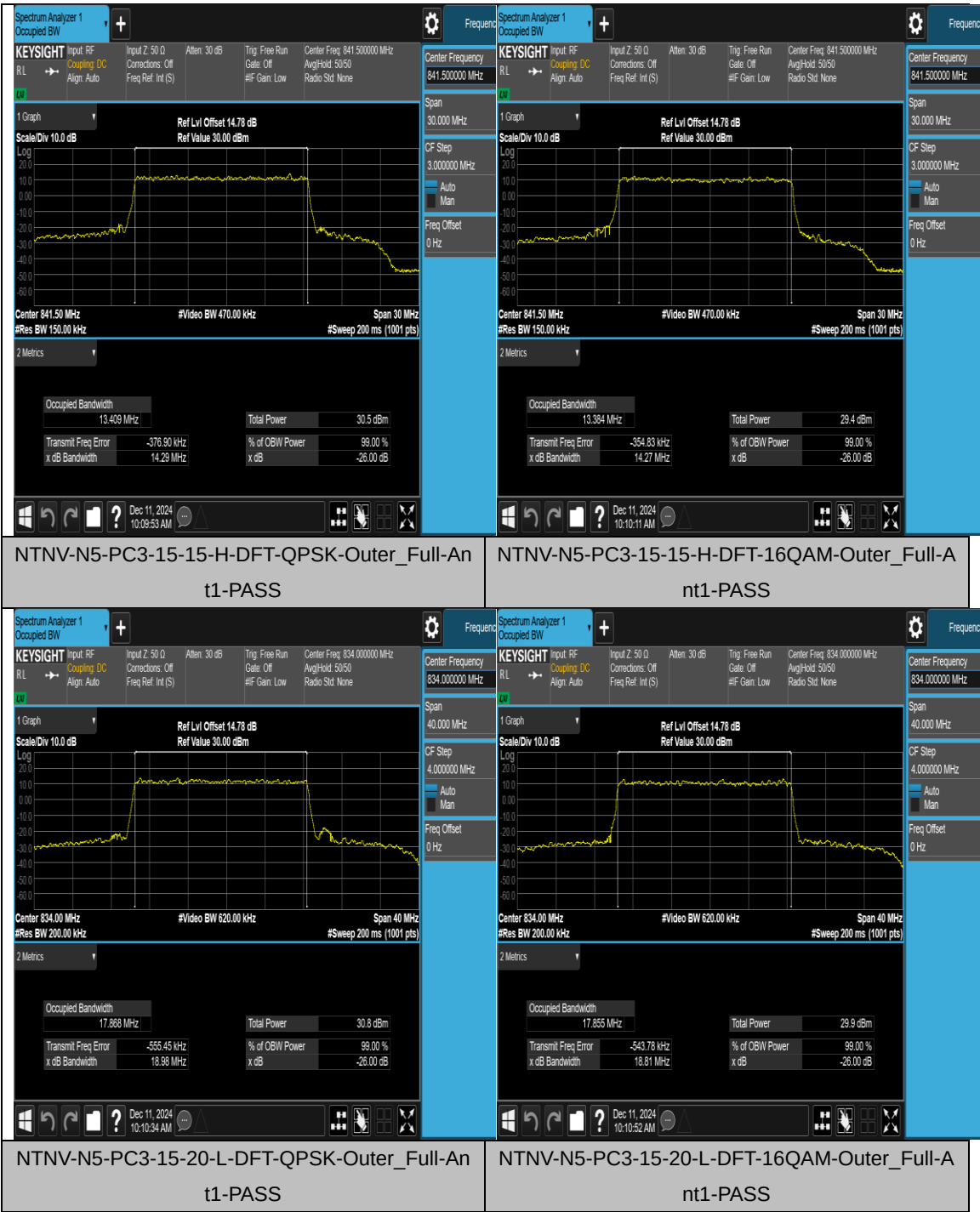
Test Graphs

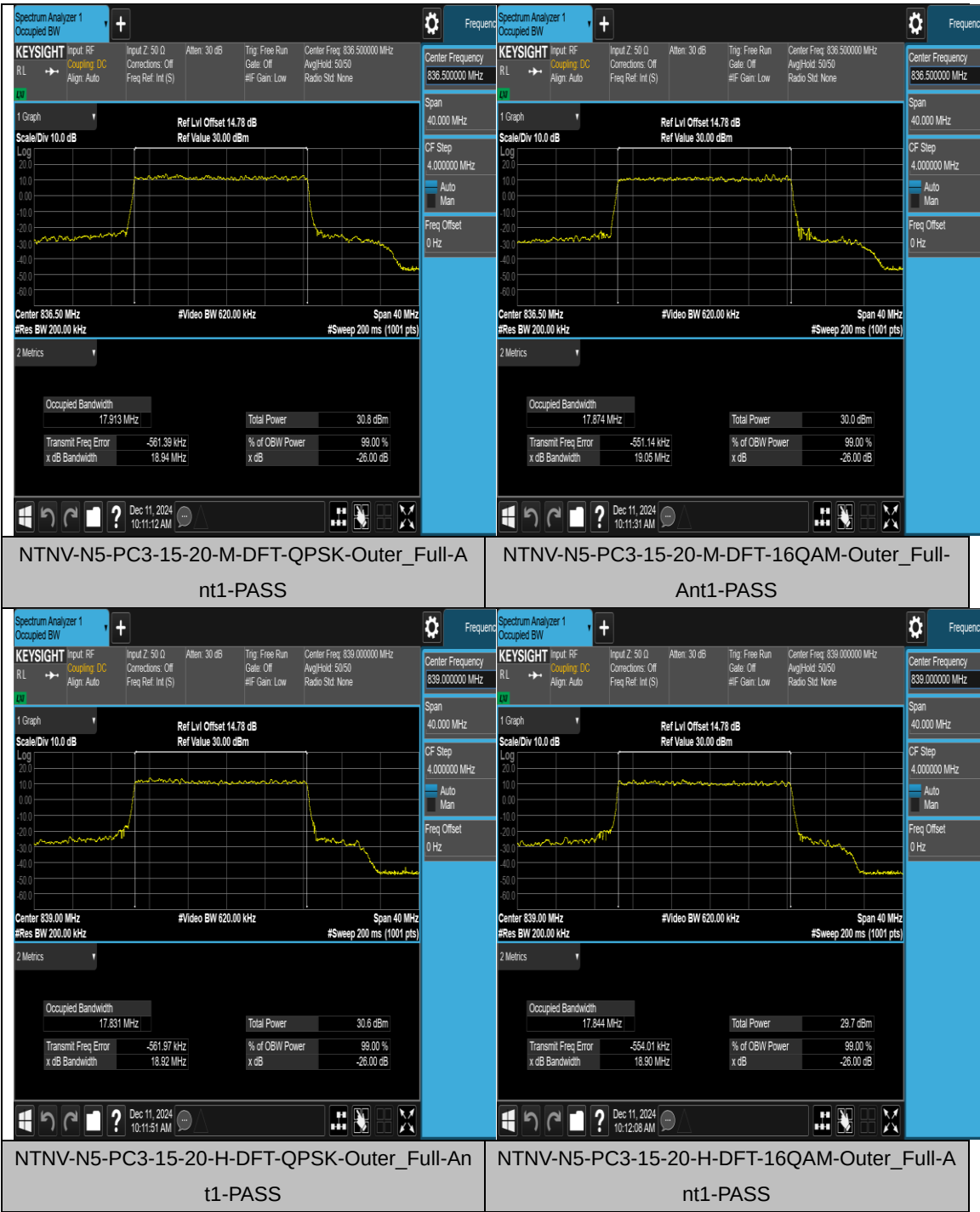










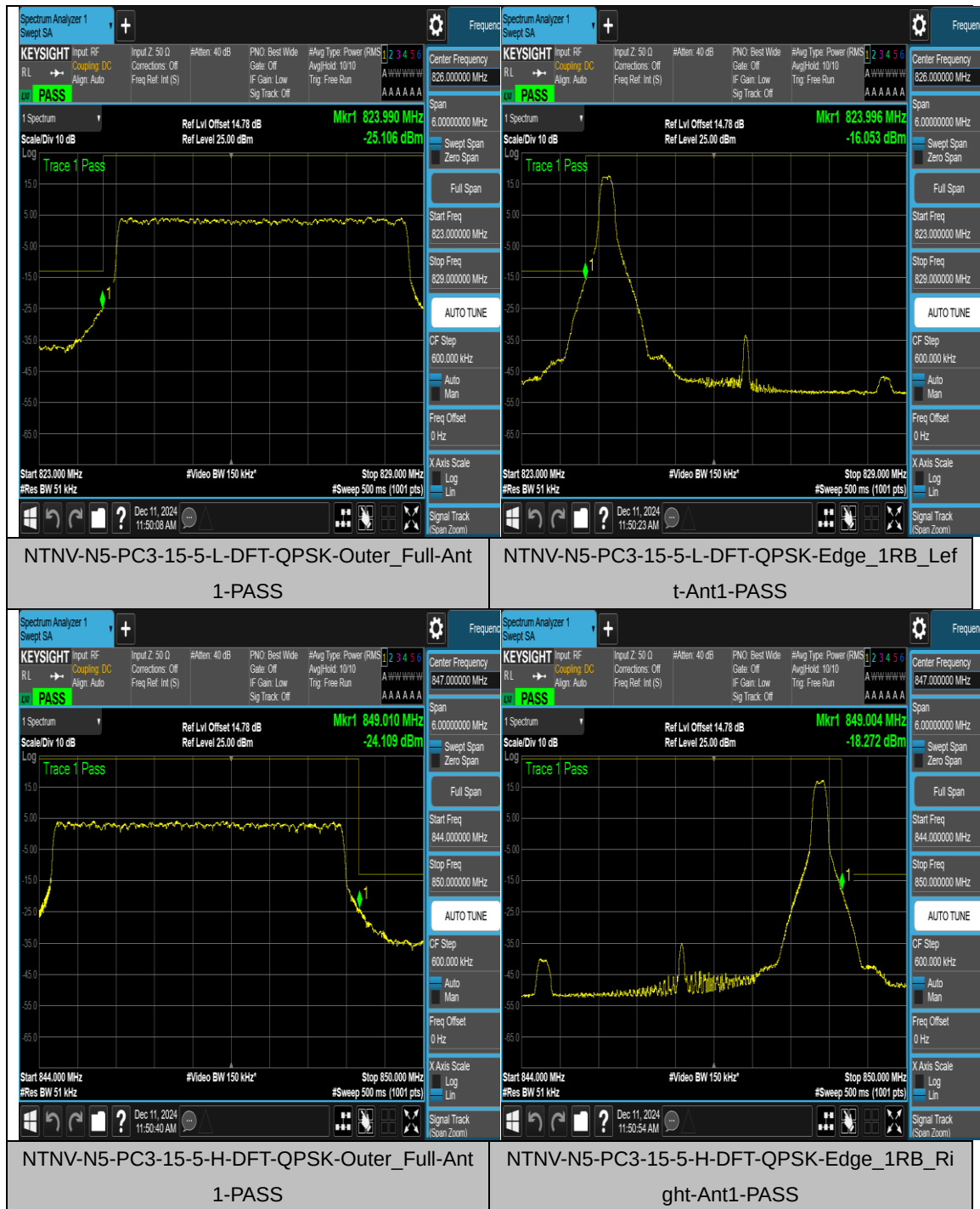


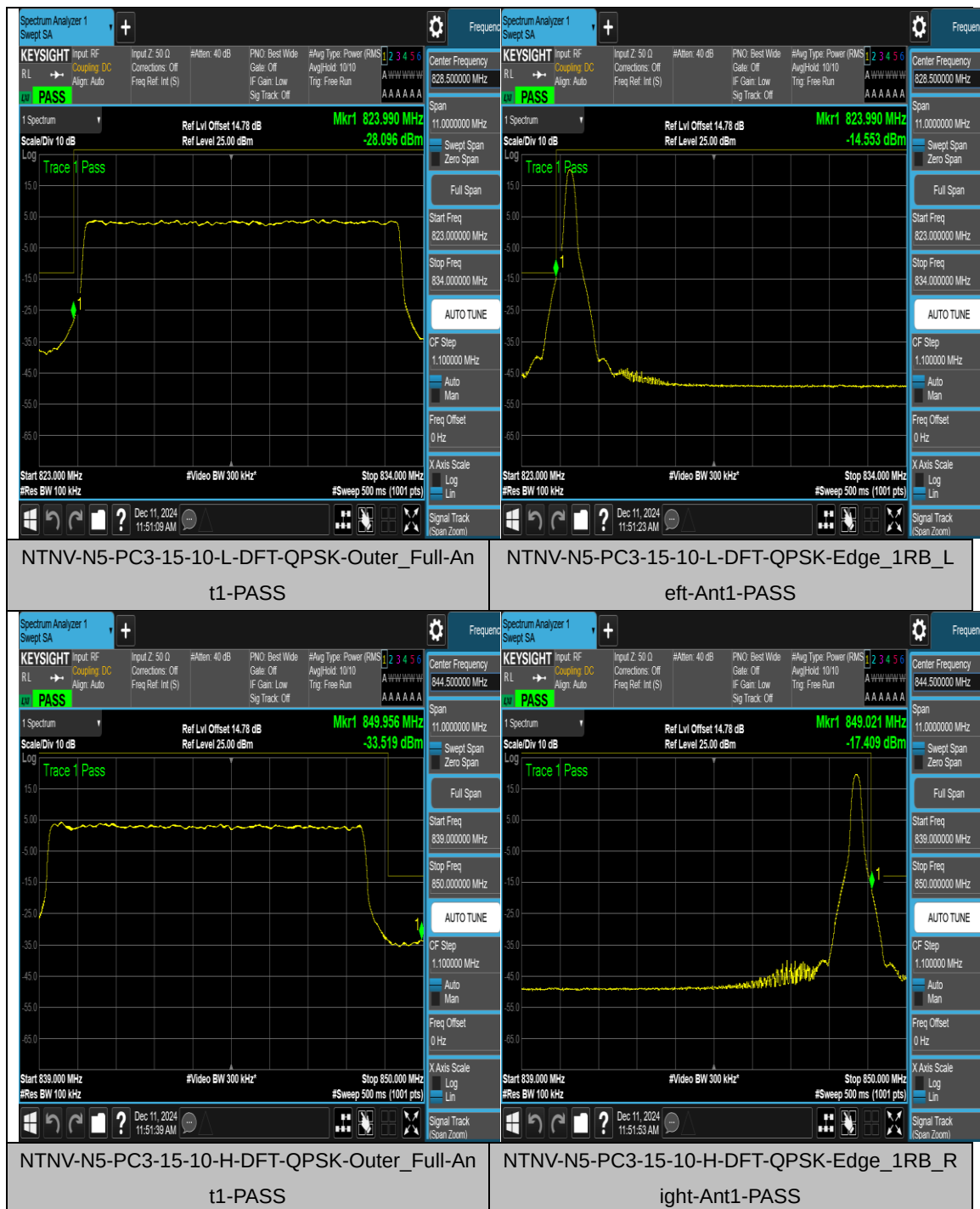
Appendix D: Band Edge for SA

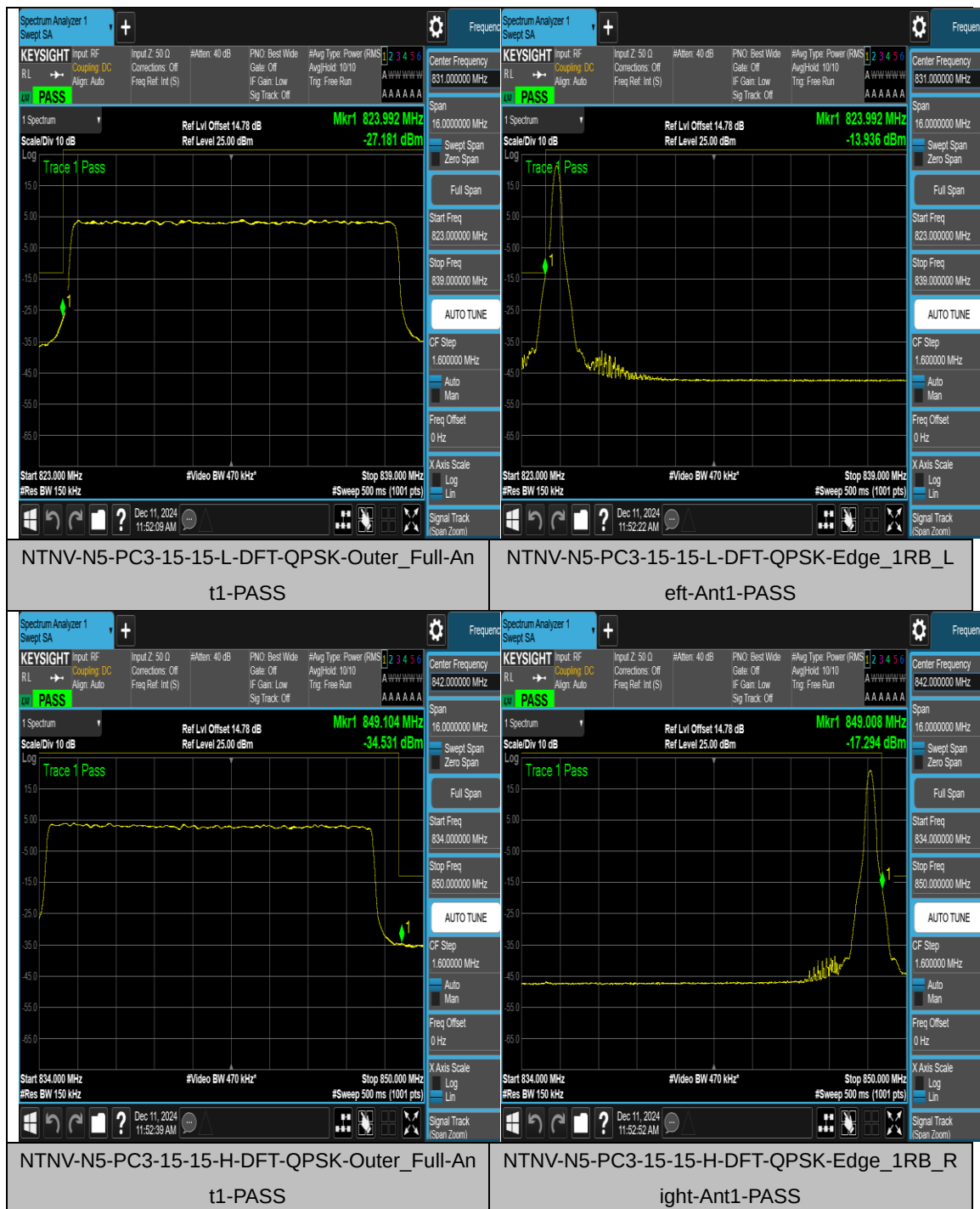
Test Result

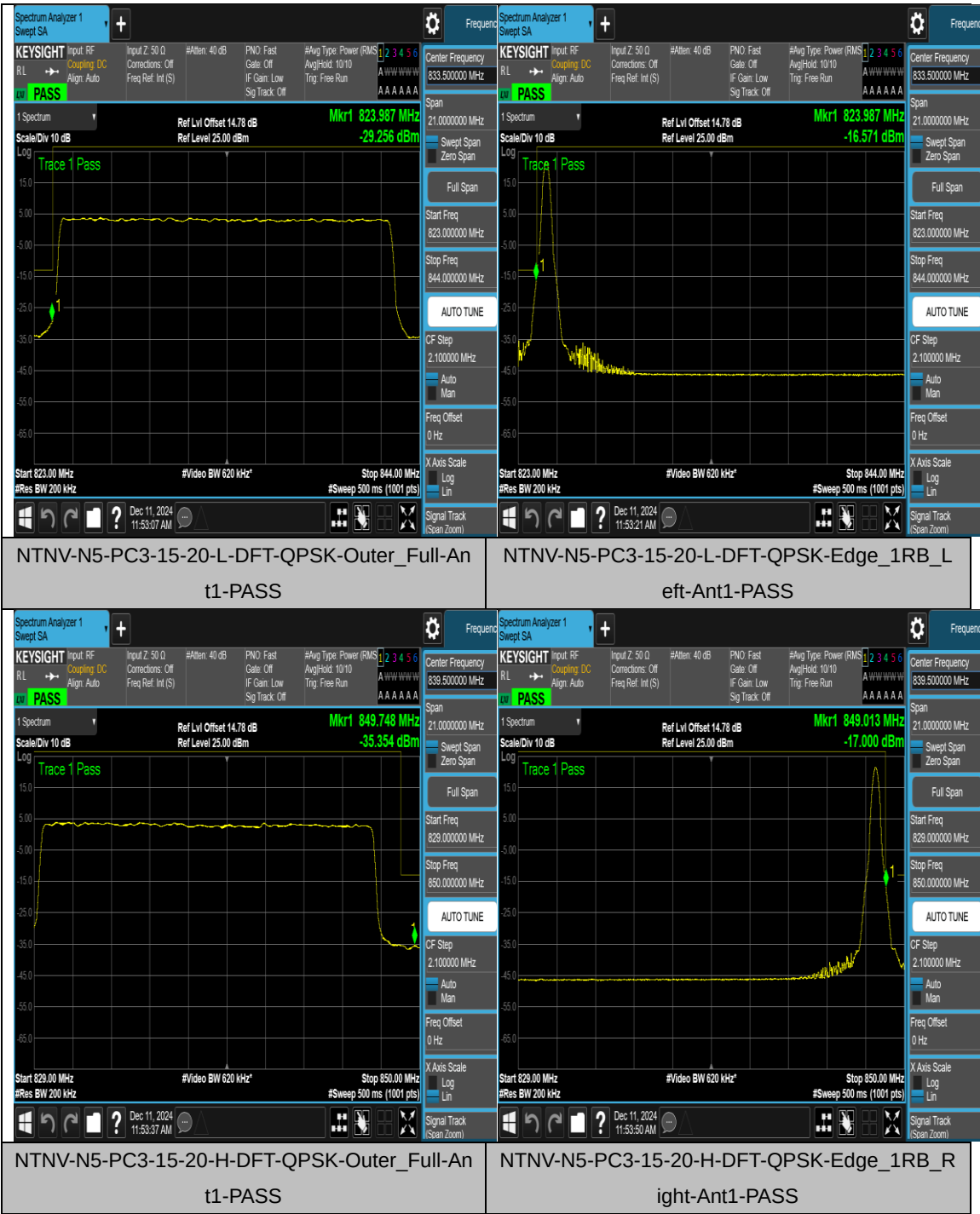
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Margin	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	-25.11	12.21	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	-16.05	3.15	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	-24.11	11.21	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	-18.27	5.37	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	-28.10	15.10	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	-14.55	1.55	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	-33.52	20.52	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	-17.41	4.41	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	-27.18	14.18	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	-13.94	0.94	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	-34.53	21.53	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Right	-17.29	4.29	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	-29.26	16.26	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	-16.57	3.57	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	-35.35	22.35	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Right	-17.00	4.00	PASS

Test Graphs









Appendix E: Conducted Spurious Emission for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	0.009	0.15	-55.87	-33	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	0.15	30	-66.66	-23	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	30	1000	-35.02	-13	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	1000	3000	-29.97	-13	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	3000	12000	-37.09	-13	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	12000	20000	-38.60	-13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-55.62	-33	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-64.90	-23	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-42.38	-13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-29.96	-13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-37.18	-13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-38.35	-13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-56.53	-33	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-66.98	-23	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Right	30	1000	-45.95	-13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-29.98	-13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-37.08	-13	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Right	12000	20000	-38.61	-13	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	0.009	0.15	-56.47	-33	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	0.15	30	-67.33	-23	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	30	1000	-46.07	-13	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	1000	3000	-29.93	-13	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	3000	12000	-37.04	-13	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	12000	20000	-38.48	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-55.82	-33	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-66.74	-23	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-46.42	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-29.95	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-37.20	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-38.54	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-56.86	-33	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-67.01	-23	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Right	30	1000	-46.36	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-29.96	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-37.12	-13	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Right	12000	20000	-38.39	-13	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	0.009	0.15	-56.88	-33	PASS

N5	15	5	DFT-QPSK	H	Outer_Full	0.15	30	-67.79	-23	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	30	1000	-32.14	-13	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	1000	3000	-29.85	-13	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	3000	12000	-36.97	-13	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	12000	20000	-38.53	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-56.61	-33	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-65.38	-23	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-46.31	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-29.86	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-37.14	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-38.47	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-56.87	-33	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-68.44	-23	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	30	1000	-40.16	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-29.83	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-36.91	-13	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	12000	20000	-38.52	-13	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	0.009	0.15	-57.41	-33	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	0.15	30	-67.20	-23	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	30	1000	-35.74	-13	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	1000	3000	-29.96	-13	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	3000	12000	-36.97	-13	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	12000	20000	-38.41	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-55.58	-33	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-67.09	-23	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-35.45	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-29.73	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-37.04	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-38.54	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-57.01	-33	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-66.63	-23	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Right	30	1000	-46.34	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-29.76	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-36.85	-13	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Right	12000	20000	-38.45	-13	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	0.009	0.15	-56.46	-33	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	0.15	30	-66.07	-23	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	30	1000	-43.47	-13	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	1000	3000	-29.94	-13	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	3000	12000	-37.06	-13	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	12000	20000	-38.58	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-55.86	-33	PASS

N5	15	10	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-65.57	-23	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-46.30	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-29.87	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-37.16	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-38.48	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-56.18	-33	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-65.71	-23	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Right	30	1000	-45.89	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-29.92	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-37.08	-13	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Right	12000	20000	-38.42	-13	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	0.009	0.15	-56.68	-33	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	0.15	30	-67.07	-23	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	30	1000	-33.80	-13	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	1000	3000	-29.87	-13	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	3000	12000	-36.92	-13	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	12000	20000	-38.41	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-56.51	-33	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-66.76	-23	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-46.25	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-29.93	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-37.06	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-38.44	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-57.01	-33	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-67.42	-23	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	30	1000	-40.70	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-29.83	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-37.22	-13	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	12000	20000	-38.52	-13	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	0.009	0.15	-55.93	-33	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	0.15	30	-67.37	-23	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	30	1000	-36.95	-13	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	1000	3000	-29.90	-13	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	3000	12000	-37.05	-13	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	12000	20000	-38.42	-13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-56.20	-33	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-65.96	-23	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-44.05	-13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-29.95	-13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-36.80	-13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-38.47	-13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-56.74	-33	PASS

N5	15	15	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-65.07	-23	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Right	30	1000	-46.32	-13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-29.94	-13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-37.05	-13	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Right	12000	20000	-38.43	-13	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	0.009	0.15	-55.60	-33	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	0.15	30	-67.30	-23	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	30	1000	-37.24	-13	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	1000	3000	-29.93	-13	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	3000	12000	-37.05	-13	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	12000	20000	-38.49	-13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-56.58	-33	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-68.10	-23	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-45.93	-13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-29.88	-13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-37.02	-13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-38.39	-13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-56.90	-33	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-68.30	-23	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Right	30	1000	-45.75	-13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-29.85	-13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-37.10	-13	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Right	12000	20000	-38.31	-13	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	0.009	0.15	-56.51	-33	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	0.15	30	-67.12	-23	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	30	1000	-33.65	-13	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	1000	3000	-30.04	-13	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	3000	12000	-36.98	-13	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	12000	20000	-38.46	-13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-56.58	-33	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-65.63	-23	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-46.15	-13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-29.78	-13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-36.89	-13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-38.58	-13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-56.67	-33	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-67.14	-23	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Right	30	1000	-45.39	-13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-29.85	-13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-36.97	-13	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Right	12000	20000	-38.41	-13	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	0.009	0.15	-57.19	-33	PASS

N5	15	20	DFT-QPSK	L	Outer_Full	0.15	30	-67.46	-23	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	30	1000	-31.92	-13	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	1000	3000	-29.98	-13	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	3000	12000	-37.15	-13	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	12000	20000	-38.49	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-57.23	-33	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-66.87	-23	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	30	1000	-37.09	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-29.89	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-36.94	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-38.38	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-55.71	-33	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-66.62	-23	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Right	30	1000	-46.35	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-29.88	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-37.06	-13	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Right	12000	20000	-38.29	-13	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	0.009	0.15	-57.07	-33	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	0.15	30	-66.99	-23	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	30	1000	-35.11	-13	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	1000	3000	-29.90	-13	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	3000	12000	-37.04	-13	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	12000	20000	-38.29	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-56.47	-33	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-65.86	-23	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	30	1000	-46.26	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-29.89	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-36.99	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-38.46	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-55.96	-33	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-65.79	-23	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Right	30	1000	-45.80	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-29.84	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-37.08	-13	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Right	12000	20000	-38.41	-13	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	0.009	0.15	-55.88	-33	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	0.15	30	-66.41	-23	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	30	1000	-36.96	-13	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	1000	3000	-29.92	-13	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	3000	12000	-37.08	-13	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	12000	20000	-38.36	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-55.56	-33	PASS

N5	15	20	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-65.51	-23	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	30	1000	-46.21	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-30.01	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-37.01	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-38.43	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-56.82	-33	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-67.33	-23	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Right	30	1000	-42.25	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-29.88	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-36.80	-13	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Right	12000	20000	-38.19	-13	PASS