

Appendix for n13

Product Name: TITAN 5400

Model No: G5G-X62O

Appendix A: Average Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	Power Class	Verdict
N13	15	5	DFT-QPSK	L	Outer_Full	23.13	PC3	PASS
N13	15	5	DFT-QPSK	L	Inner_Full	24.15	PC3	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	23.28	PC3	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Right	23.17	PC3	PASS
N13	15	5	DFT-16QAM	L	Outer_Full	22.18	PC3	PASS
N13	15	5	DFT-16QAM	L	Inner_Full	23.10	PC3	PASS
N13	15	5	DFT-16QAM	L	Edge_1RB_Left	22.34	PC3	PASS
N13	15	5	DFT-16QAM	L	Edge_1RB_Right	21.58	PC3	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	23.23	PC3	PASS
N13	15	5	DFT-QPSK	M	Inner_Full	24.19	PC3	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Left	22.95	PC3	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Right	23.32	PC3	PASS
N13	15	5	DFT-16QAM	M	Outer_Full	22.28	PC3	PASS
N13	15	5	DFT-16QAM	M	Inner_Full	23.31	PC3	PASS
N13	15	5	DFT-16QAM	M	Edge_1RB_Left	22.56	PC3	PASS
N13	15	5	DFT-16QAM	M	Edge_1RB_Right	22.24	PC3	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	23.29	PC3	PASS
N13	15	5	DFT-QPSK	H	Inner_Full	24.32	PC3	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Left	23.44	PC3	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Right	23.20	PC3	PASS
N13	15	5	DFT-16QAM	H	Outer_Full	22.33	PC3	PASS
N13	15	5	DFT-16QAM	H	Inner_Full	23.38	PC3	PASS
N13	15	5	DFT-16QAM	H	Edge_1RB_Left	22.30	PC3	PASS
N13	15	5	DFT-16QAM	H	Edge_1RB_Right	22.27	PC3	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	23.25	PC3	PASS
N13	15	10	DFT-QPSK	M	Inner_Full	24.27	PC3	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Left	23.30	PC3	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Right	23.42	PC3	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	22.30	PC3	PASS
N13	15	10	DFT-16QAM	M	Inner_Full	23.31	PC3	PASS
N13	15	10	DFT-16QAM	M	Edge_1RB_Left	22.09	PC3	PASS
N13	15	10	DFT-16QAM	M	Edge_1RB_Right	22.68	PC3	PASS

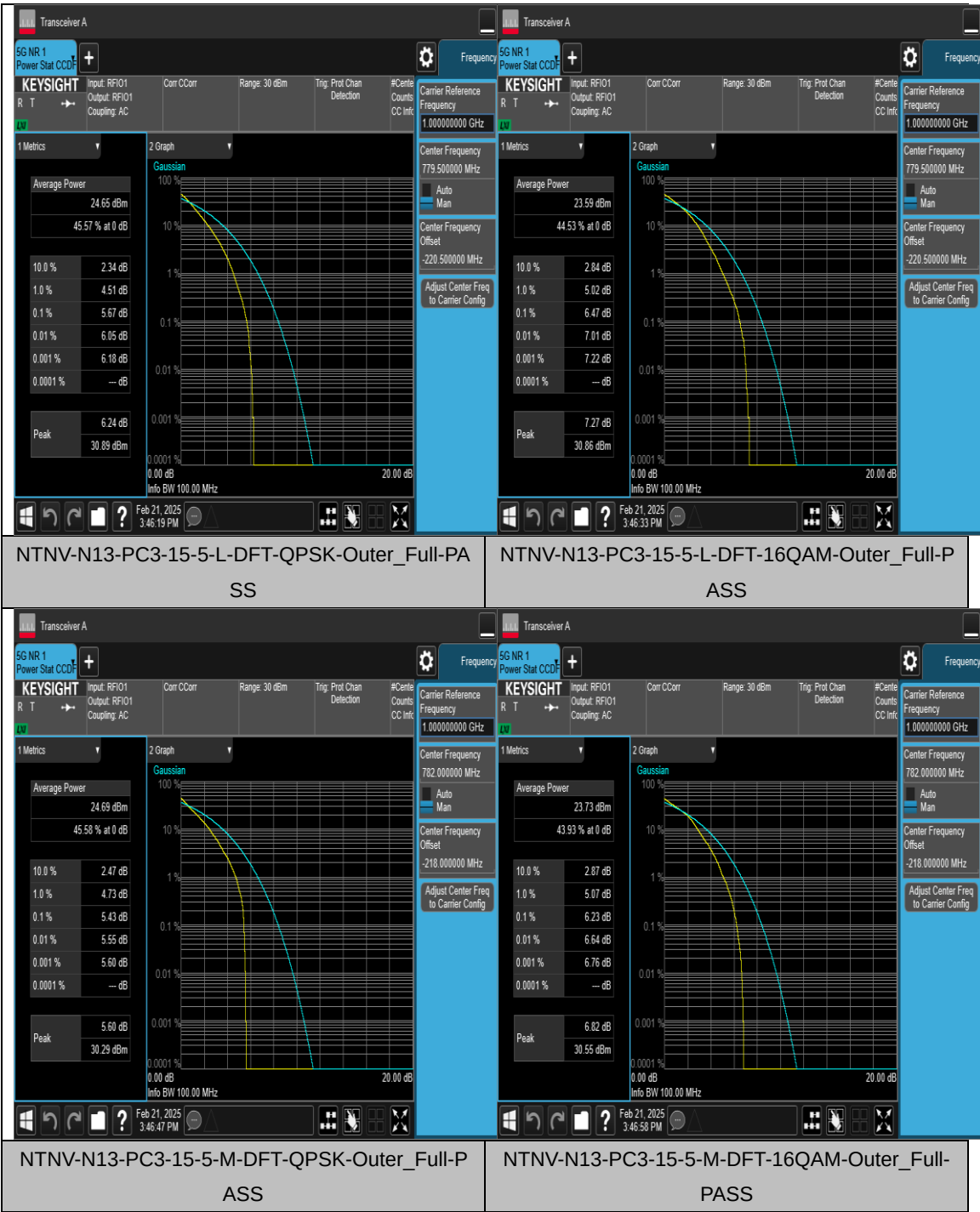
Appendix B: Peak-to-Average Ratio for SA

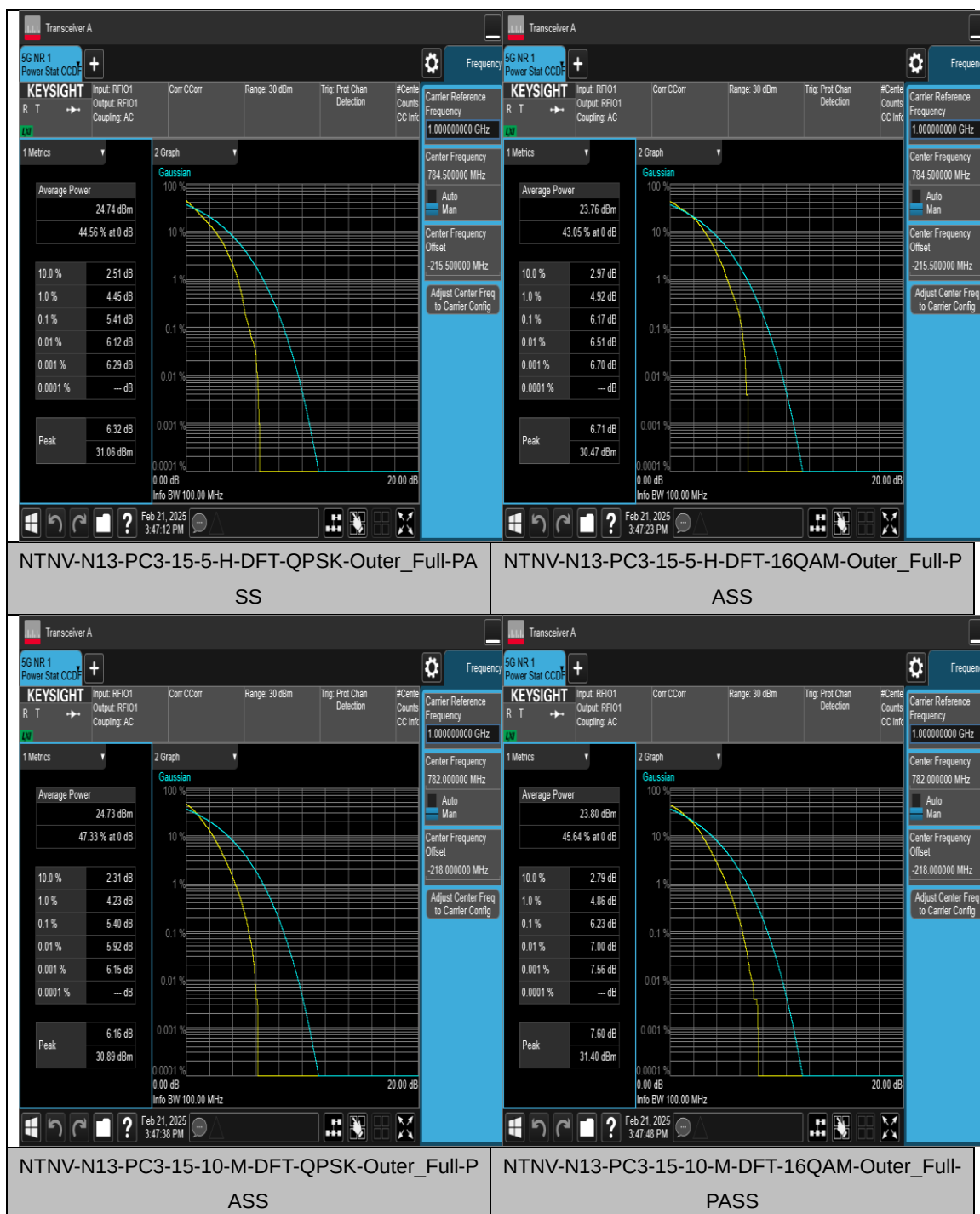
Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N13	15	5	DFT-QPSK	L	Outer_Full	5.67	≤13	PASS
N13	15	5	DFT-16QAM	L	Outer_Full	6.47	≤13	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	5.43	≤13	PASS
N13	15	5	DFT-16QAM	M	Outer_Full	6.23	≤13	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	5.41	≤13	PASS
N13	15	5	DFT-16QAM	H	Outer_Full	6.17	≤13	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	5.40	≤13	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	6.23	≤13	PASS

Test Graphs



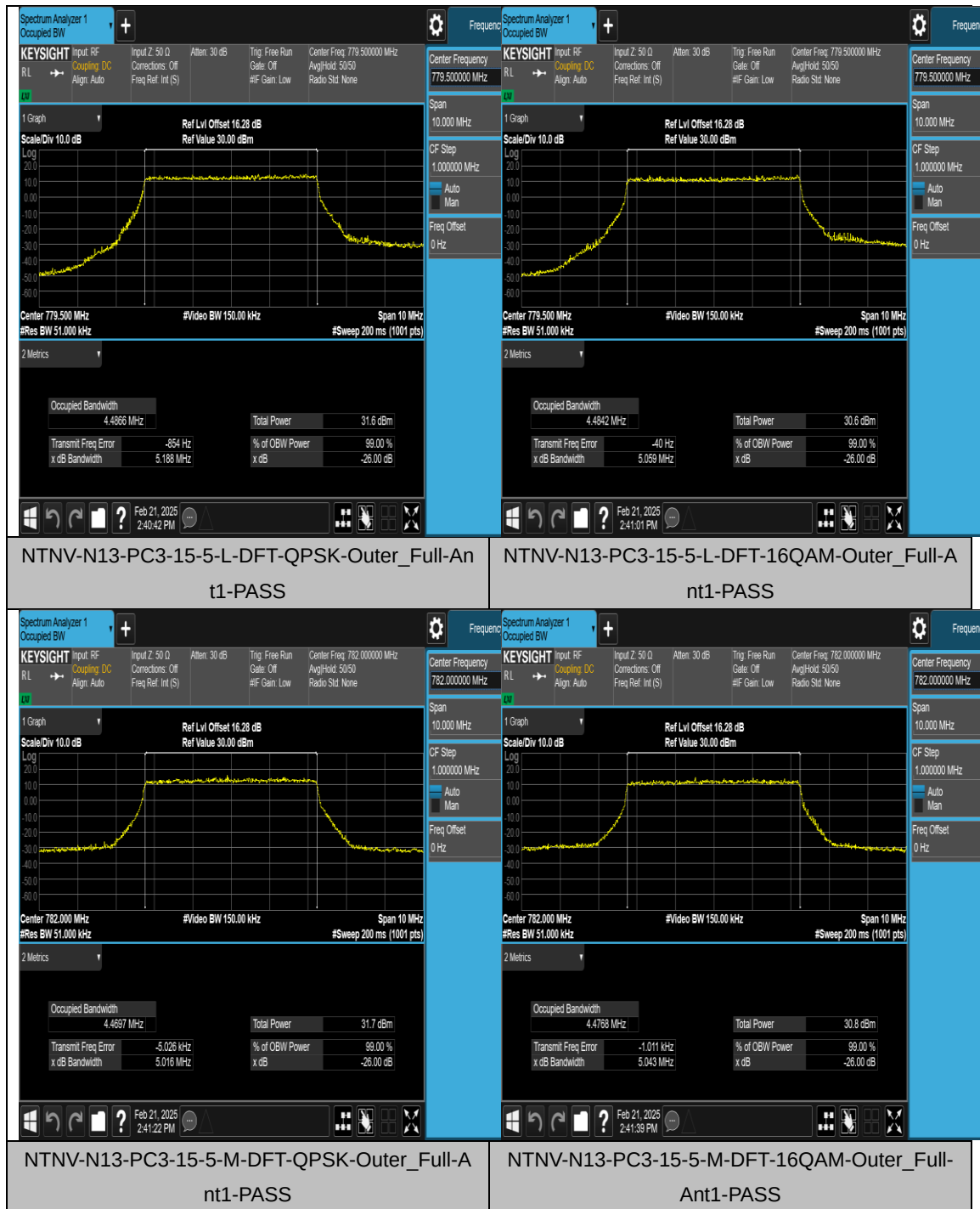


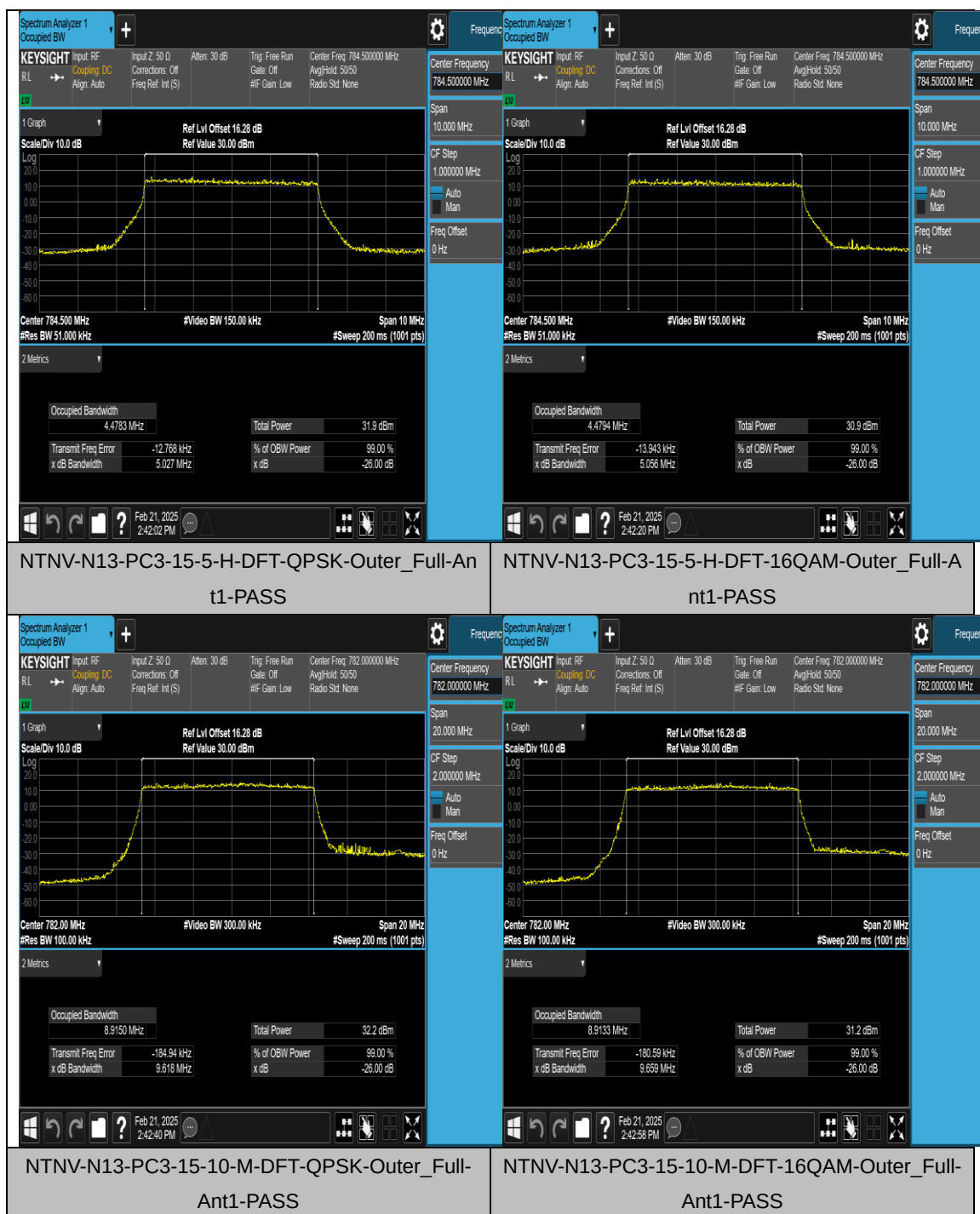
Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N13	15	5	DFT-QPSK	L	Outer_Full	4.4866	5.188	PASS
N13	15	5	DFT-16QAM	L	Outer_Full	4.4842	5.059	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	4.4697	5.016	PASS
N13	15	5	DFT-16QAM	M	Outer_Full	4.4768	5.043	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	4.4783	5.027	PASS
N13	15	5	DFT-16QAM	H	Outer_Full	4.4794	5.056	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	8.9150	9.618	PASS
N13	15	10	DFT-16QAM	M	Outer_Full	8.9133	9.659	PASS

Test Graphs



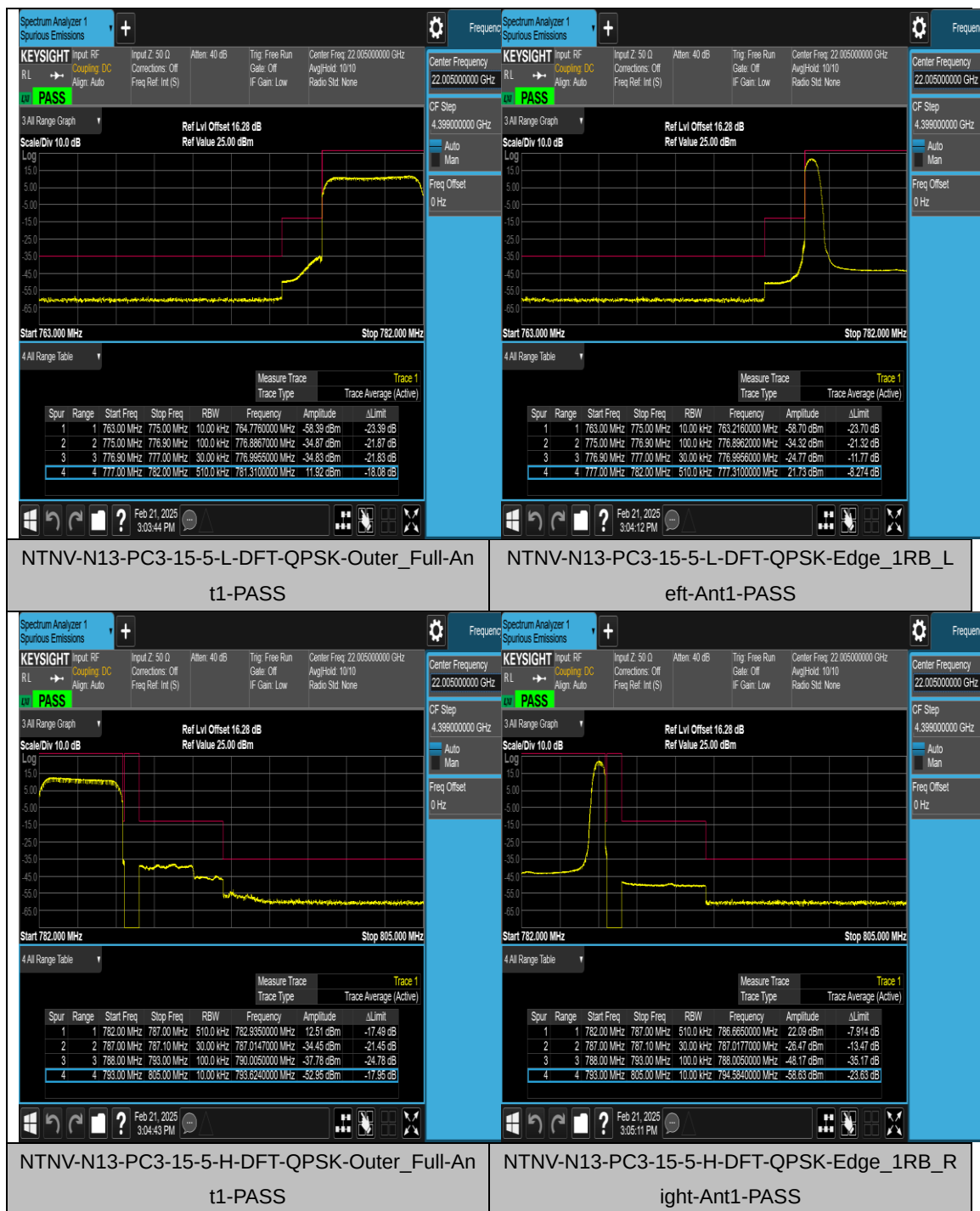


Appendix D: Band Edge for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Margin	Verdict
N13	15	5	DFT-QPSK	L	Outer_Full	-34.83	21.83	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	-24.77	11.77	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	-52.95	17.95	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Right	-26.47	13.47	PASS

Test Graphs



Appendix E: Conducted Spurious Emission for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N13	15	5	DFT-QPSK	L	Outer_Full	0.009	0.15	-55.98	-33	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	0.15	30	-67.00	-23	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	30	1000	-45.42	-13	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	1000	3000	-29.03	-13	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	3000	12000	-35.91	-13	PASS
N13	15	5	DFT-QPSK	L	Outer_Full	12000	20000	-37.53	-13	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-56.74	-33	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-66.34	-23	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-45.26	-13	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-28.98	-13	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-36.15	-13	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-37.54	-13	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-56.75	-33	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-67.11	-23	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Right	30	1000	-45.30	-13	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-29.00	-13	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-36.02	-13	PASS
N13	15	5	DFT-QPSK	L	Edge_1RB_Right	12000	20000	-37.26	-13	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	0.009	0.15	-56.46	-33	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	0.15	30	-66.45	-23	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	30	1000	-45.03	-13	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	1000	3000	-28.93	-13	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	3000	12000	-35.93	-13	PASS
N13	15	5	DFT-QPSK	M	Outer_Full	12000	20000	-37.48	-13	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-55.83	-33	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-67.19	-23	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-45.23	-13	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-29.03	-13	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-35.97	-13	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-37.40	-13	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-55.51	-33	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-68.10	-23	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Right	30	1000	-45.31	-13	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-29.02	-13	PASS
N13	15	5	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-36.02	-13	PASS

N13	15	5	DFT-QPSK	M	Edge_1RB_Right	12000	20000	-37.45	-13	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	0.009	0.15	-56.55	-33	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	0.15	30	-67.41	-23	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	30	1000	-45.26	-13	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	1000	3000	-28.97	-13	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	3000	12000	-36.08	-13	PASS
N13	15	5	DFT-QPSK	H	Outer_Full	12000	20000	-37.47	-13	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-57.09	-33	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-65.55	-23	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-45.35	-13	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-28.97	-13	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-35.97	-13	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Left	12000	20000	-37.54	-13	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-56.94	-33	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-66.56	-23	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Right	30	1000	-45.28	-13	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-29.07	-13	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-36.05	-13	PASS
N13	15	5	DFT-QPSK	H	Edge_1RB_Right	12000	20000	-37.55	-13	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	0.009	0.15	-57.30	-33	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	0.15	30	-67.79	-23	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	30	1000	-45.25	-13	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	1000	3000	-28.91	-13	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	3000	12000	-35.91	-13	PASS
N13	15	10	DFT-QPSK	M	Outer_Full	12000	20000	-37.42	-13	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-55.59	-33	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-67.73	-23	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-45.23	-13	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-28.91	-13	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-36.15	-13	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Left	12000	20000	-37.41	-13	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-56.17	-33	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-67.38	-23	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Right	30	1000	-45.29	-13	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-28.95	-13	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-35.96	-13	PASS
N13	15	10	DFT-QPSK	M	Edge_1RB_Right	12000	20000	-37.31	-13	PASS

Test Graphs

