

Appendix for 66A_n5A

Product Name: TITAN 5400

Model No: G5G-X62O

Appendix A: Average Power Output Data for NSA

Test Result

Band	SC S	Bandwidth h	Modulation	Channel	RB Config	Power (dBm)	Power Class	Verdict
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	23.69	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Inner_Full	24.55	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	23.68	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	23.64	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	22.63	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+L	Inner_Full	23.44	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Left	23.08	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Right	22.85	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	23.73	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Inner_Full	24.82	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	23.84	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	23.73	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	22.85	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+M	Inner_Full	23.74	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Left	23.13	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Right	22.77	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	23.82	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Inner_Full	24.81	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	23.77	PC3	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	23.72	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	22.73	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+H	Inner_Full	23.77	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Left	23.27	PC3	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Right	22.75	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	23.72	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Inner_Full	24.72	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	23.79	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	23.84	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	22.60	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Inner_Full	23.65	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Left	22.93	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Right	22.94	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	23.87	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Inner_Full	24.84	PC3	PASS

DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	23.78	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	23.85	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	22.79	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Inner_Full	23.94	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Left	23.25	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Right	22.44	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	23.84	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Inner_Full	24.91	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	23.98	PC3	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	23.82	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	22.87	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+H	Inner_Full	23.84	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Left	22.80	PC3	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Right	23.29	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	23.79	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Inner_Full	24.77	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	23.53	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	23.99	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	22.65	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+L	Inner_Full	23.76	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Left	22.78	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Right	23.15	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	23.94	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Inner_Full	25.00	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	23.64	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	23.72	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	22.95	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Inner_Full	23.98	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Left	22.81	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Right	23.12	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	23.95	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Inner_Full	25.08	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	23.52	PC3	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	23.42	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	23.02	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+H	Inner_Full	24.07	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Left	23.02	PC3	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Right	22.70	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	23.82	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Inner_Full	24.86	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	23.43	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	23.85	PC3	PASS

DC_66A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	22.82	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+L	Inner_Full	23.87	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Left	22.49	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Right	22.91	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	23.91	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Inner_Full	24.94	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	23.59	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	23.96	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	22.99	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Inner_Full	23.94	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Left	22.57	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Right	23.14	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	23.86	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Inner_Full	24.94	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	23.74	PC3	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	23.92	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	22.90	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Inner_Full	23.91	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Left	22.62	PC3	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Right	22.95	PC3	PASS

Appendix B: Peak-to-Average Ratio for NSA

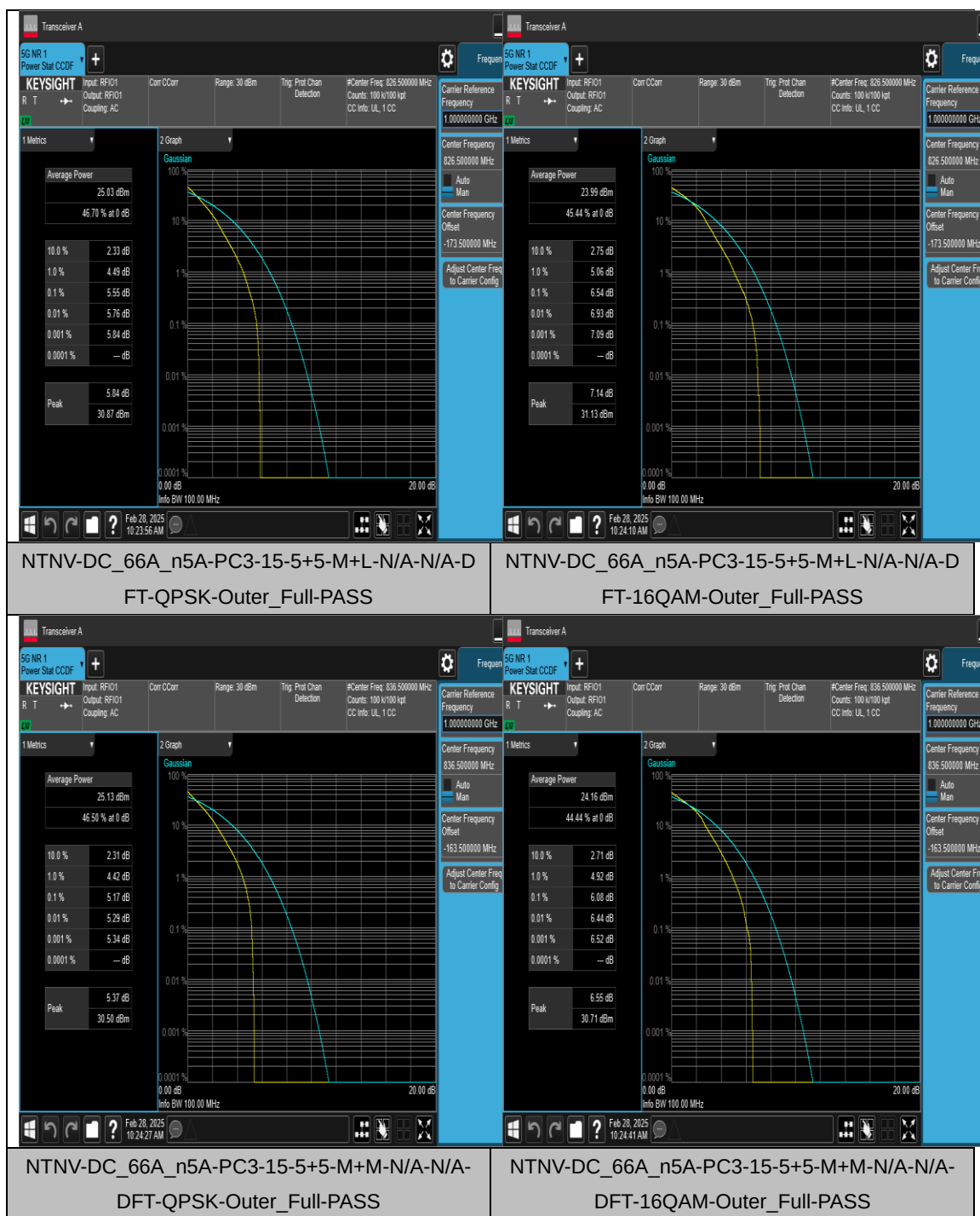
Peak-to-Average Ratio(CCDF)

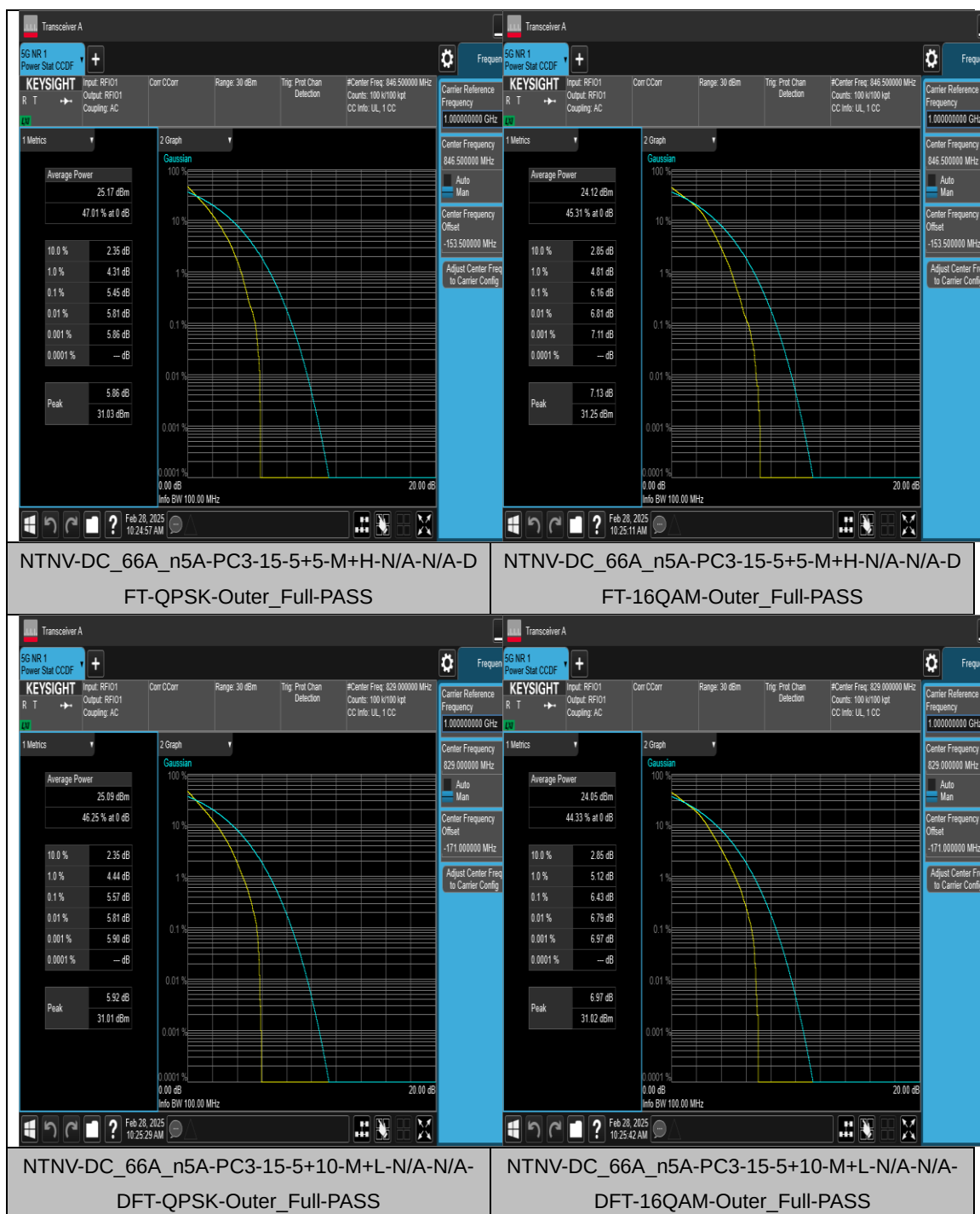
Test Result

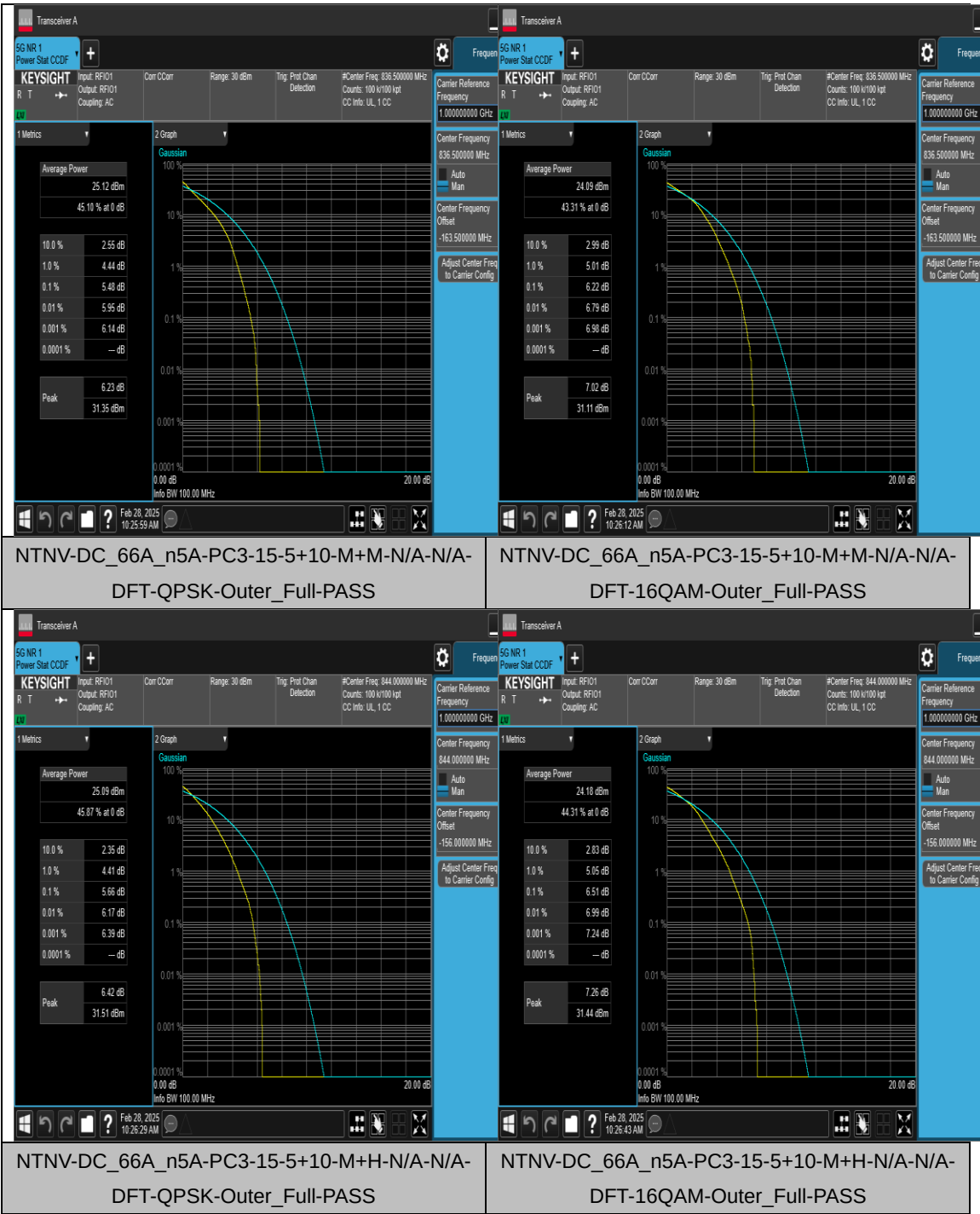
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
DC_66A_n 5A	15	5+5	DFT-QPSK	M+L	Outer_Full	5.55	≤13	PASS
DC_66A_n 5A	15	5+5	DFT-16QAM	M+L	Outer_Full	6.54	≤13	PASS
DC_66A_n 5A	15	5+5	DFT-QPSK	M+M	Outer_Full	5.17	≤13	PASS
DC_66A_n 5A	15	5+5	DFT-16QAM	M+M	Outer_Full	6.08	≤13	PASS
DC_66A_n 5A	15	5+5	DFT-QPSK	M+H	Outer_Full	5.45	≤13	PASS
DC_66A_n 5A	15	5+5	DFT-16QAM	M+H	Outer_Full	6.16	≤13	PASS
DC_66A_n 5A	15	5+10	DFT-QPSK	M+L	Outer_Full	5.57	≤13	PASS
DC_66A_n 5A	15	5+10	DFT-16QAM	M+L	Outer_Full	6.43	≤13	PASS
DC_66A_n 5A	15	5+10	DFT-QPSK	M+M	Outer_Full	5.48	≤13	PASS
DC_66A_n 5A	15	5+10	DFT-16QAM	M+M	Outer_Full	6.22	≤13	PASS
DC_66A_n 5A	15	5+10	DFT-QPSK	M+H	Outer_Full	5.66	≤13	PASS
DC_66A_n 5A	15	5+10	DFT-16QAM	M+H	Outer_Full	6.51	≤13	PASS
DC_66A_n 5A	15	5+15	DFT-QPSK	M+L	Outer_Full	5.64	≤13	PASS
DC_66A_n 5A	15	5+15	DFT-16QAM	M+L	Outer_Full	6.44	≤13	PASS
DC_66A_n 5A	15	5+15	DFT-QPSK	M+M	Outer_Full	5.26	≤13	PASS
DC_66A_n 5A	15	5+15	DFT-16QAM	M+M	Outer_Full	6.10	≤13	PASS
DC_66A_n 5A	15	5+15	DFT-QPSK	M+H	Outer_Full	5.68	≤13	PASS

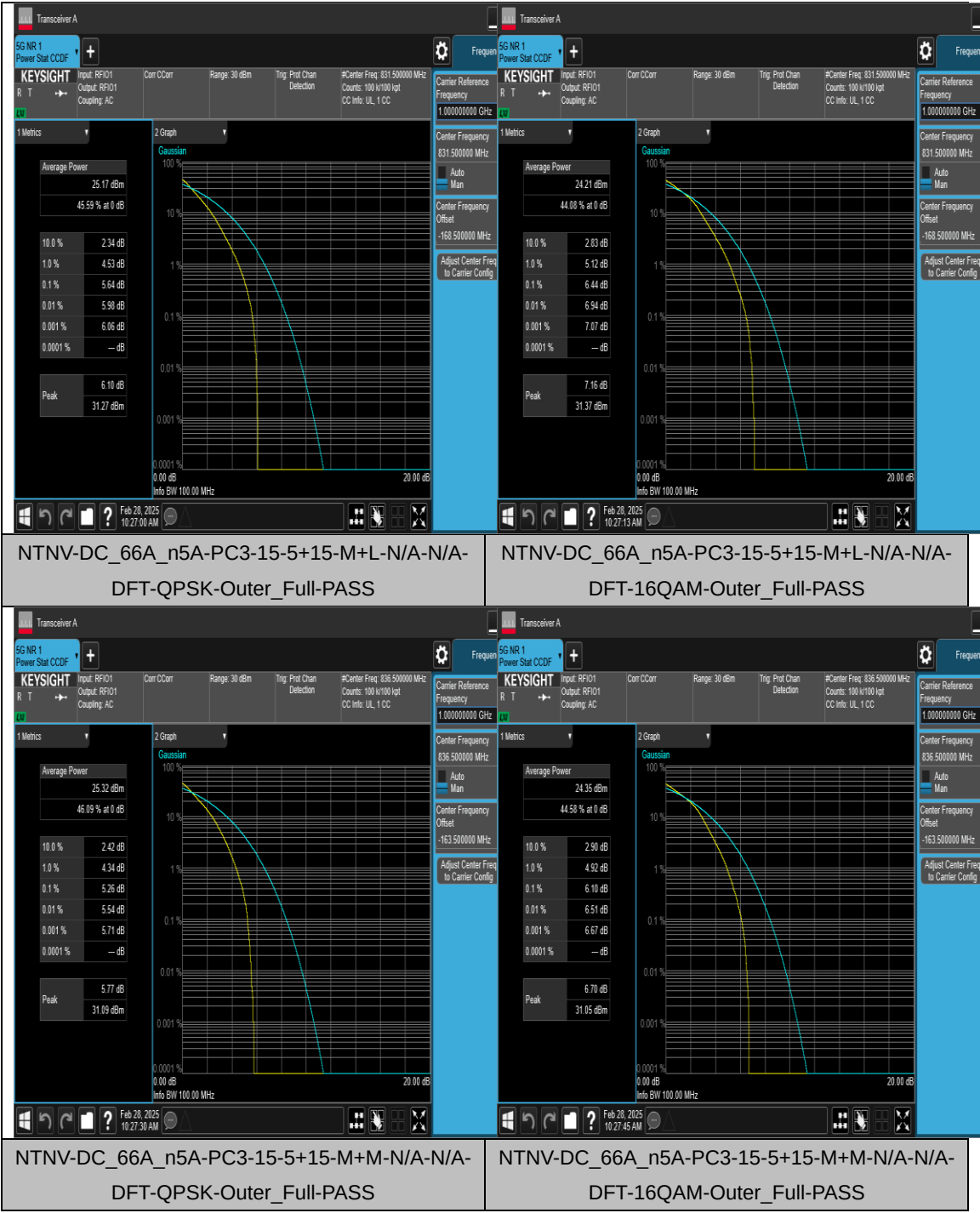
5A								
DC_66A_n 5A	15	5+15	DFT-16QAM	M+H	Outer_Full	6.34	≤13	PASS
DC_66A_n 5A	15	5+20	DFT-QPSK	M+L	Outer_Full	5.55	≤13	PASS
DC_66A_n 5A	15	5+20	DFT-16QAM	M+L	Outer_Full	6.35	≤13	PASS
DC_66A_n 5A	15	5+20	DFT-QPSK	M+M	Outer_Full	5.49	≤13	PASS
DC_66A_n 5A	15	5+20	DFT-16QAM	M+M	Outer_Full	6.32	≤13	PASS
DC_66A_n 5A	15	5+20	DFT-QPSK	M+H	Outer_Full	5.42	≤13	PASS
DC_66A_n 5A	15	5+20	DFT-16QAM	M+H	Outer_Full	6.12	≤13	PASS

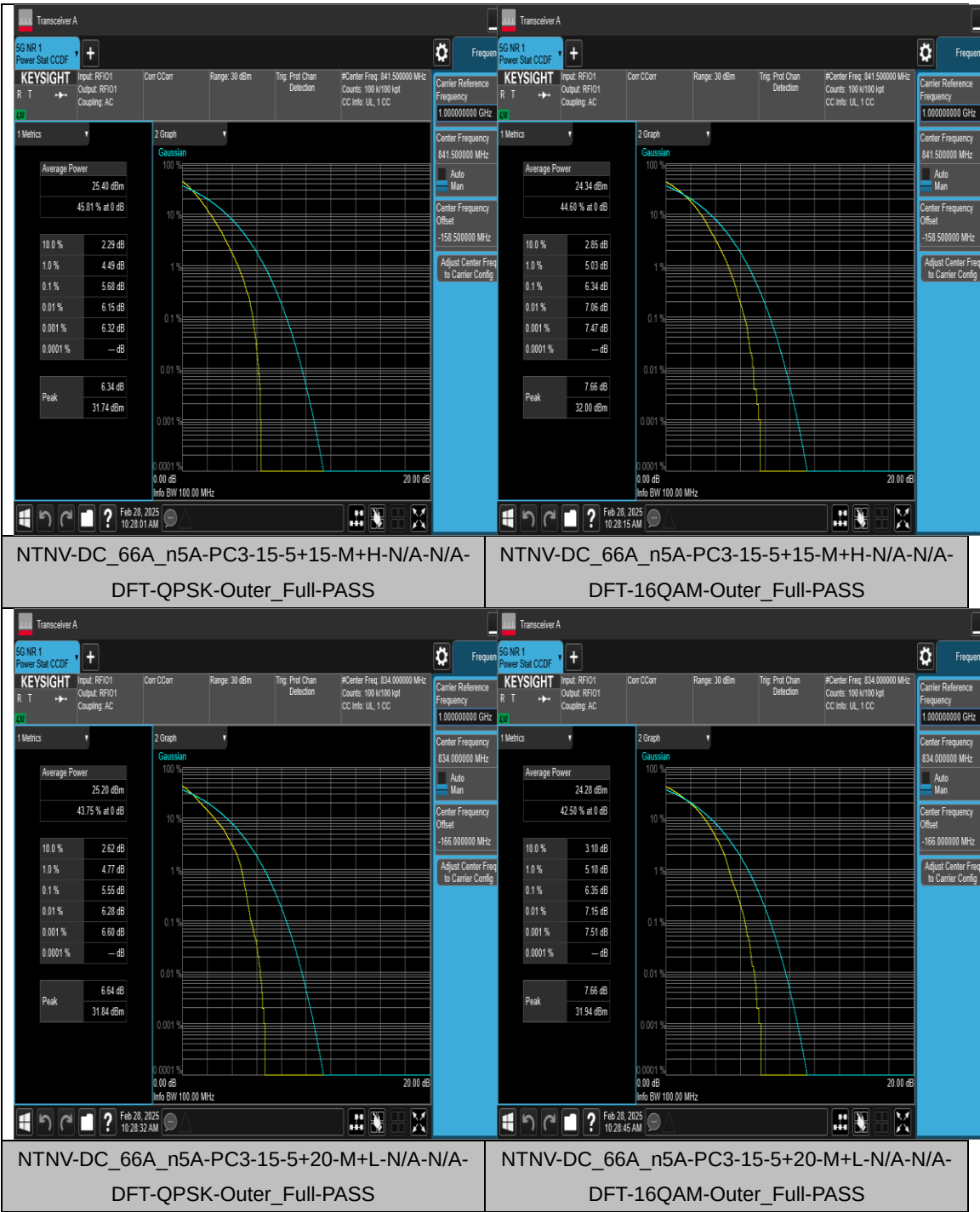
Test Graphs

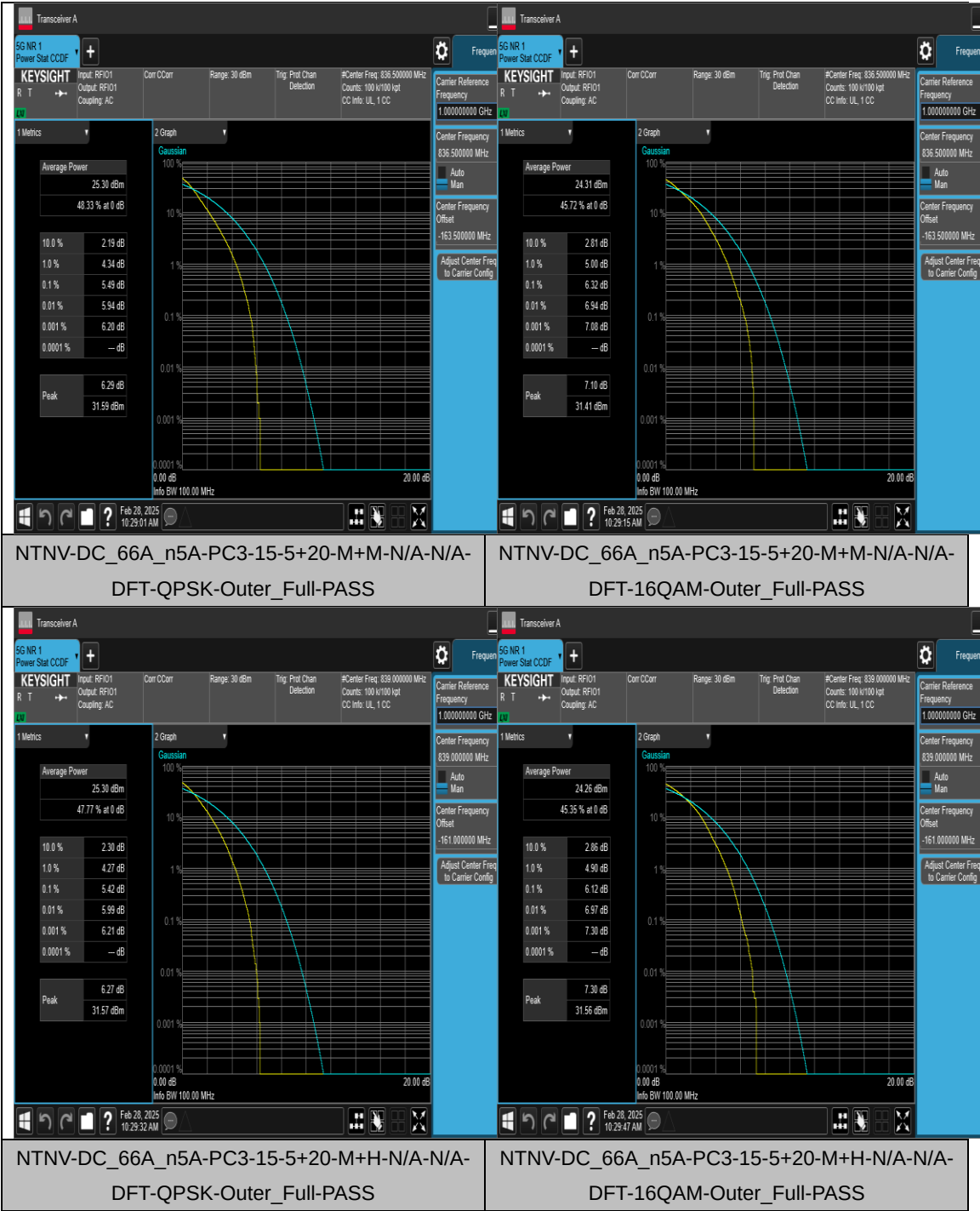












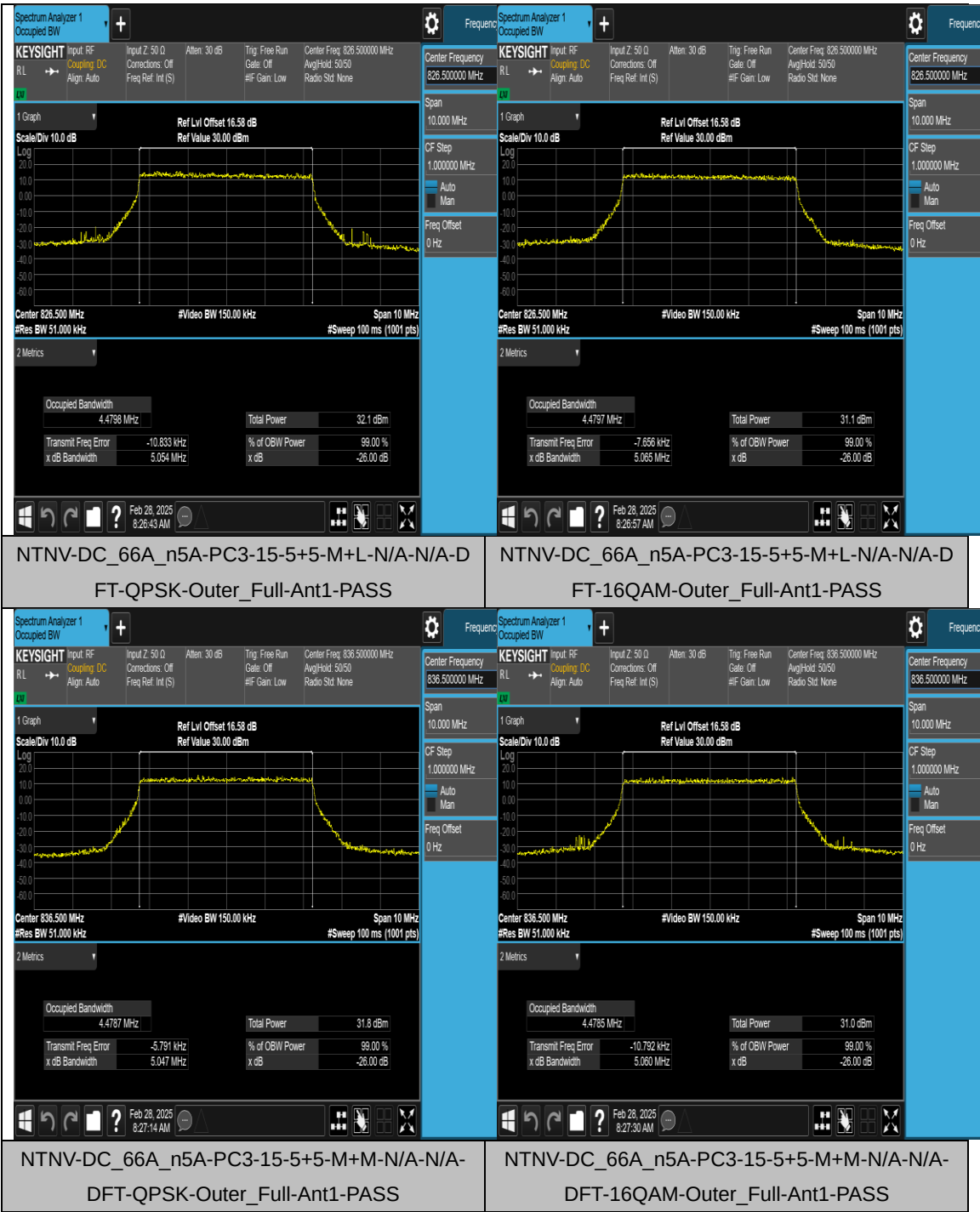
Appendix C: 26dB Bandwidth and Occupied Bandwidth for

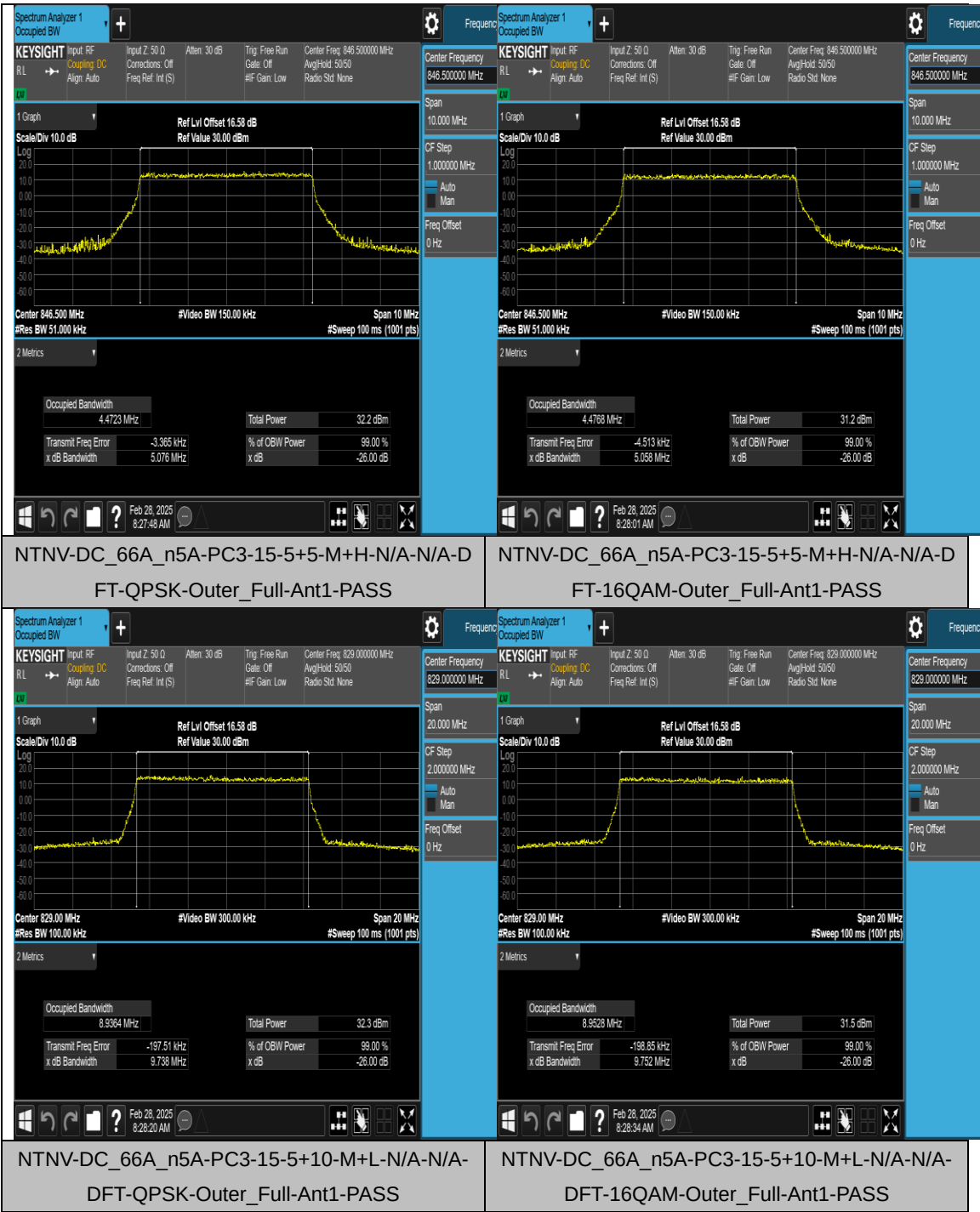
NSA

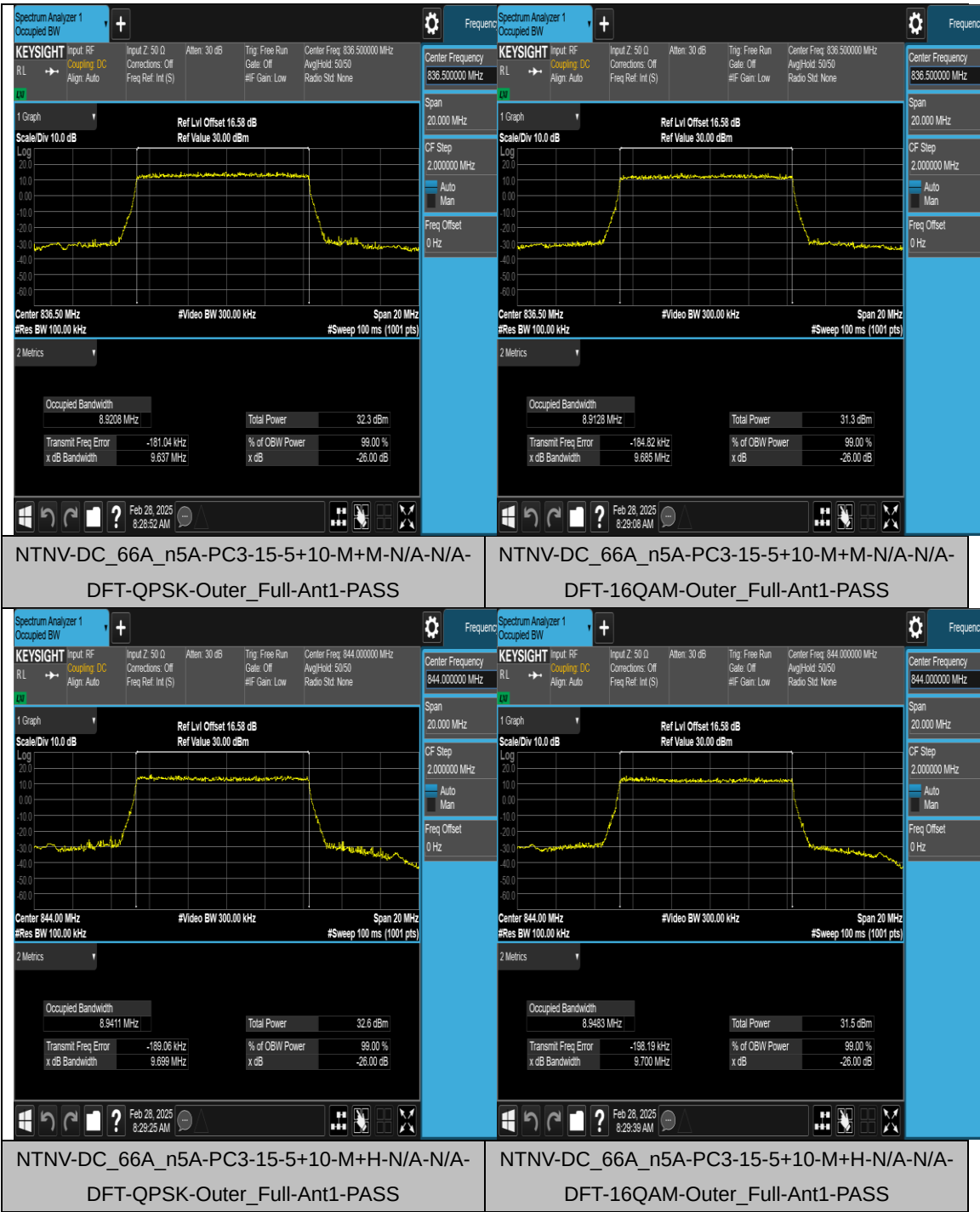
Test Result

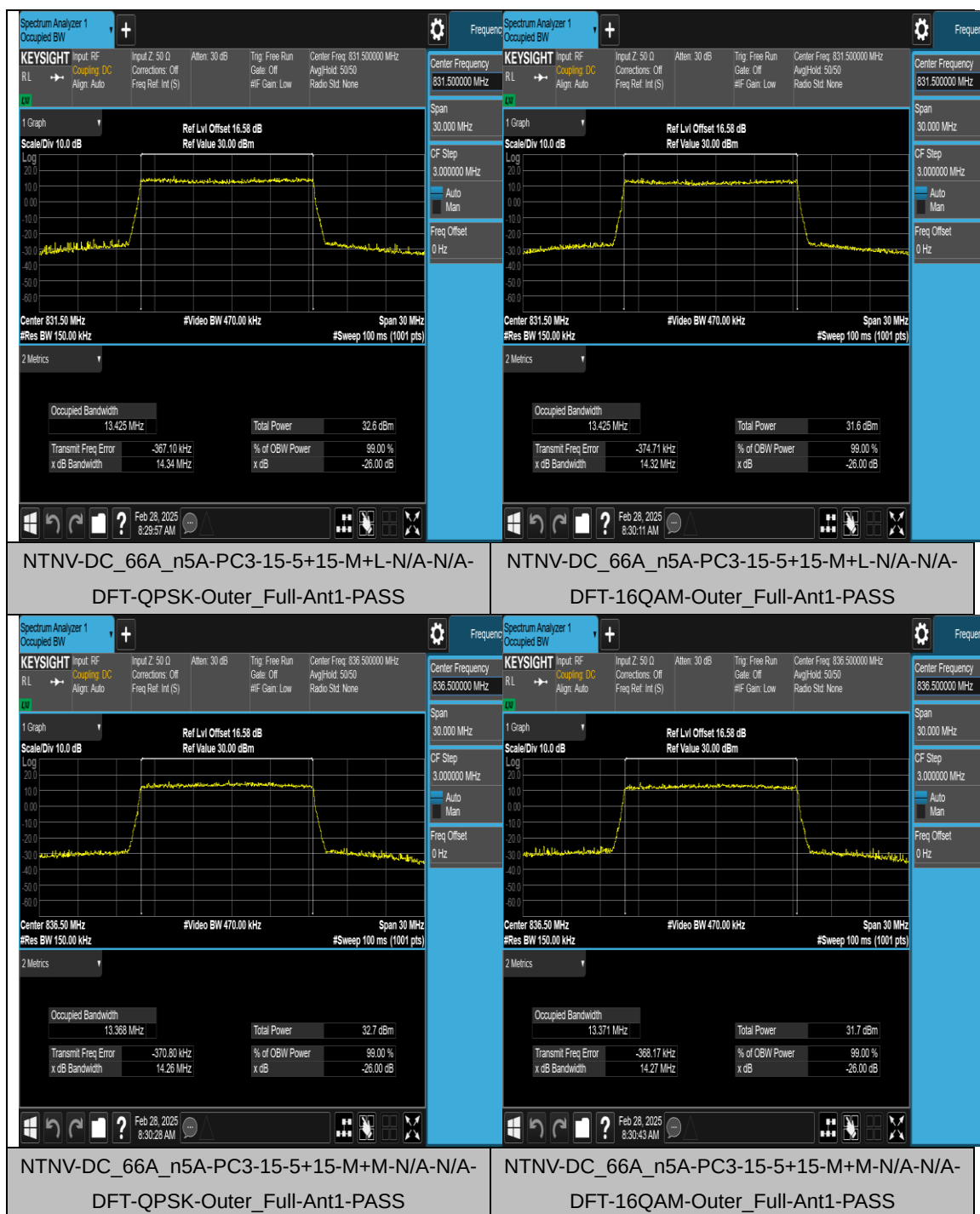
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	4.4798	5.054	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+L	Outer_Full	4.4797	5.065	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	4.4787	5.047	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+M	Outer_Full	4.4785	5.060	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	4.4723	5.076	PASS
DC_66A_n5A	15	5+5	DFT-16QAM	M+H	Outer_Full	4.4768	5.058	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	8.9364	9.738	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+L	Outer_Full	8.9528	9.752	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	8.9208	9.637	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+M	Outer_Full	8.9128	9.685	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	8.9411	9.699	PASS
DC_66A_n5A	15	5+10	DFT-16QAM	M+H	Outer_Full	8.9483	9.700	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	13.425	14.34	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+L	Outer_Full	13.425	14.32	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	13.368	14.26	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+M	Outer_Full	13.371	14.27	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	13.384	14.26	PASS
DC_66A_n5A	15	5+15	DFT-16QAM	M+H	Outer_Full	13.396	14.29	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	17.831	18.90	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+L	Outer_Full	17.825	18.90	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	17.795	18.89	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+M	Outer_Full	17.815	18.81	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	17.804	18.87	PASS
DC_66A_n5A	15	5+20	DFT-16QAM	M+H	Outer_Full	17.819	18.91	PASS

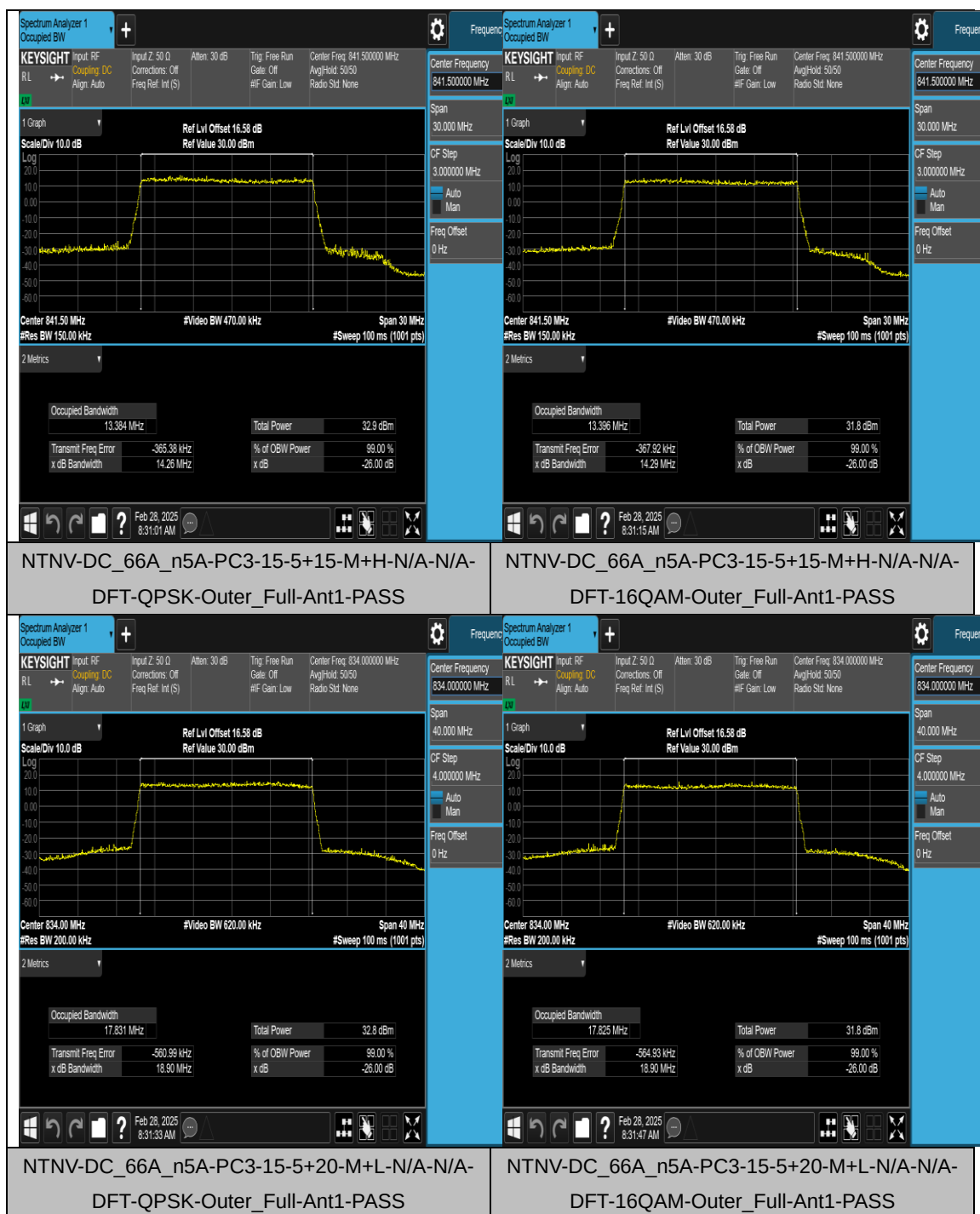
Test Graphs

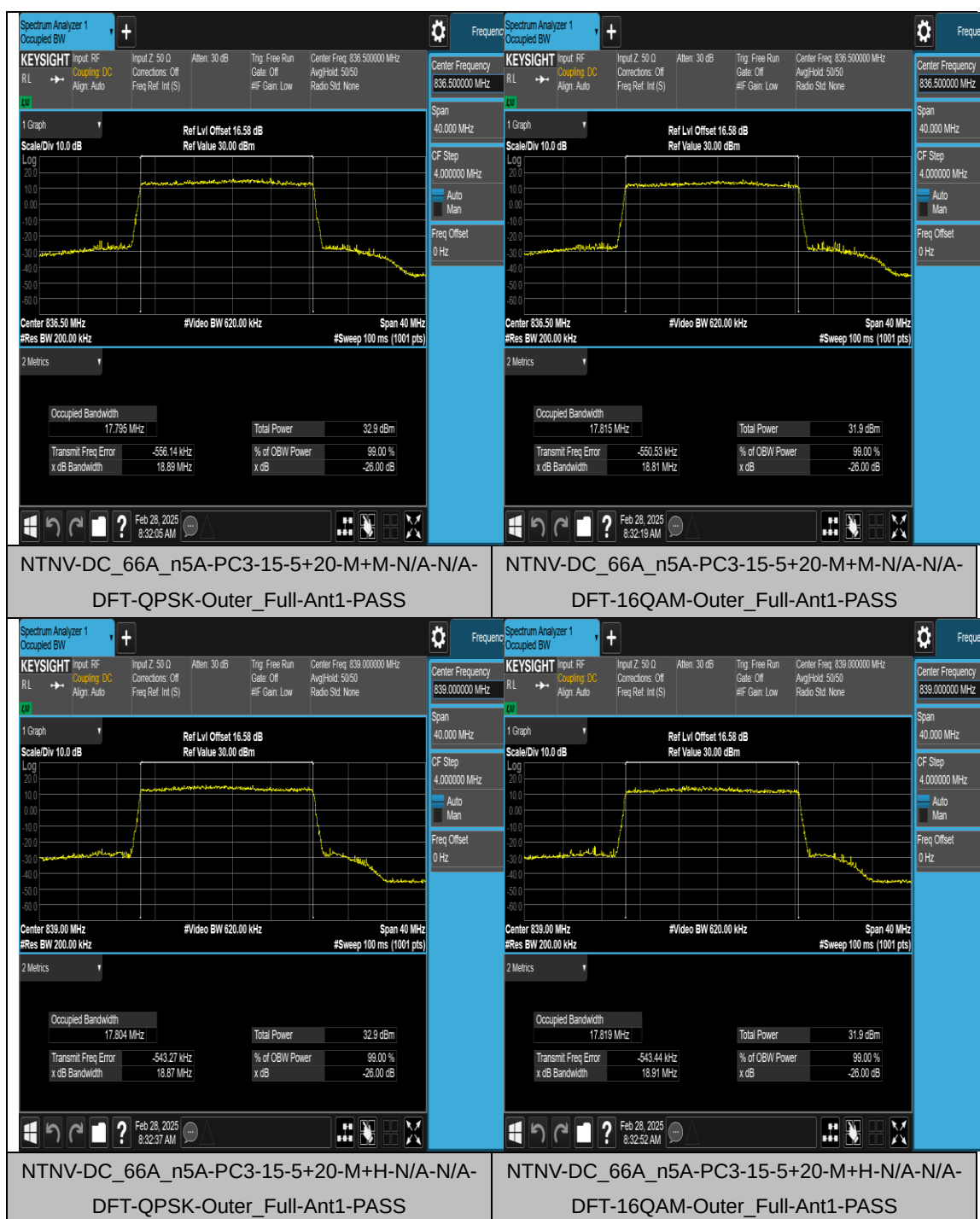










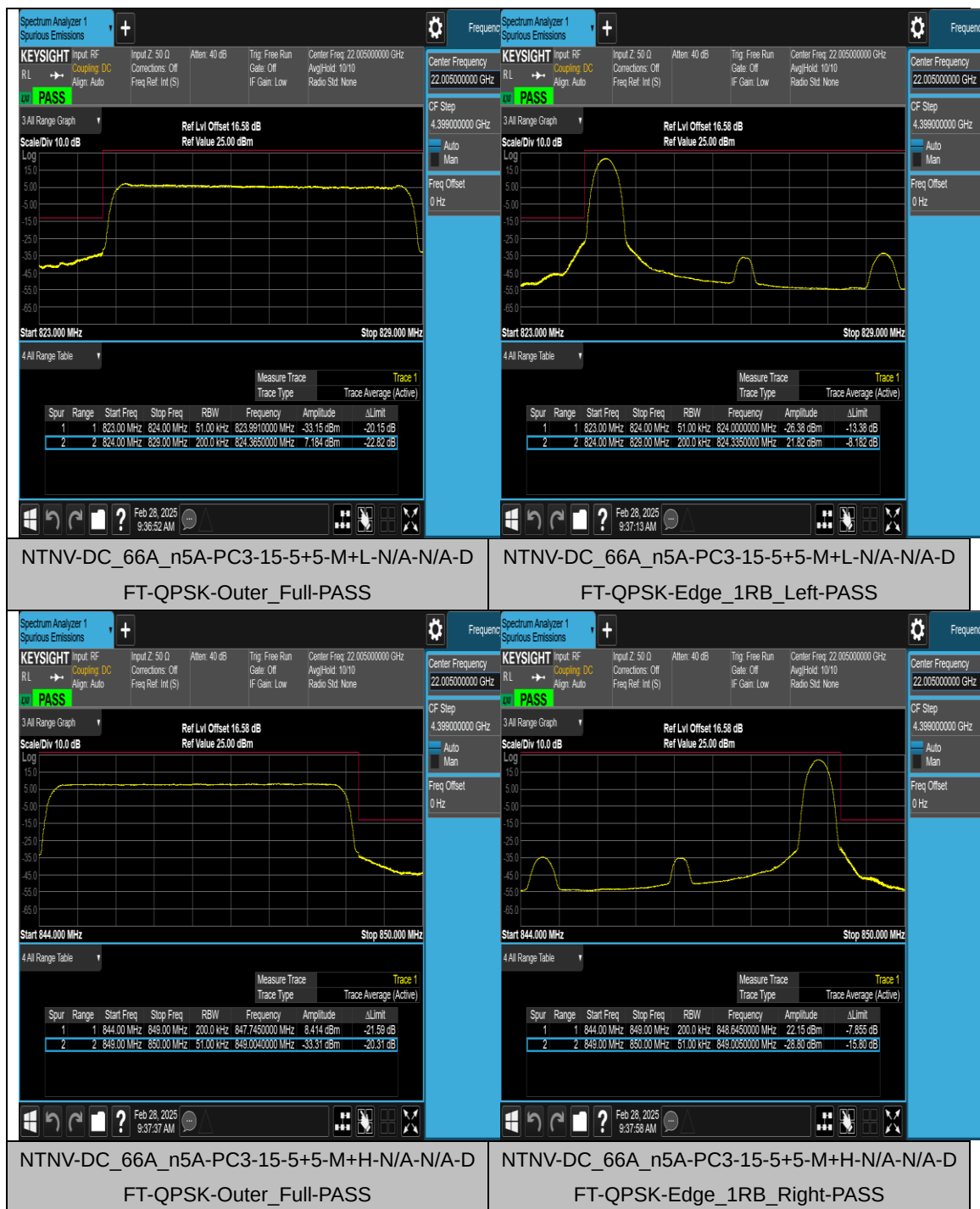


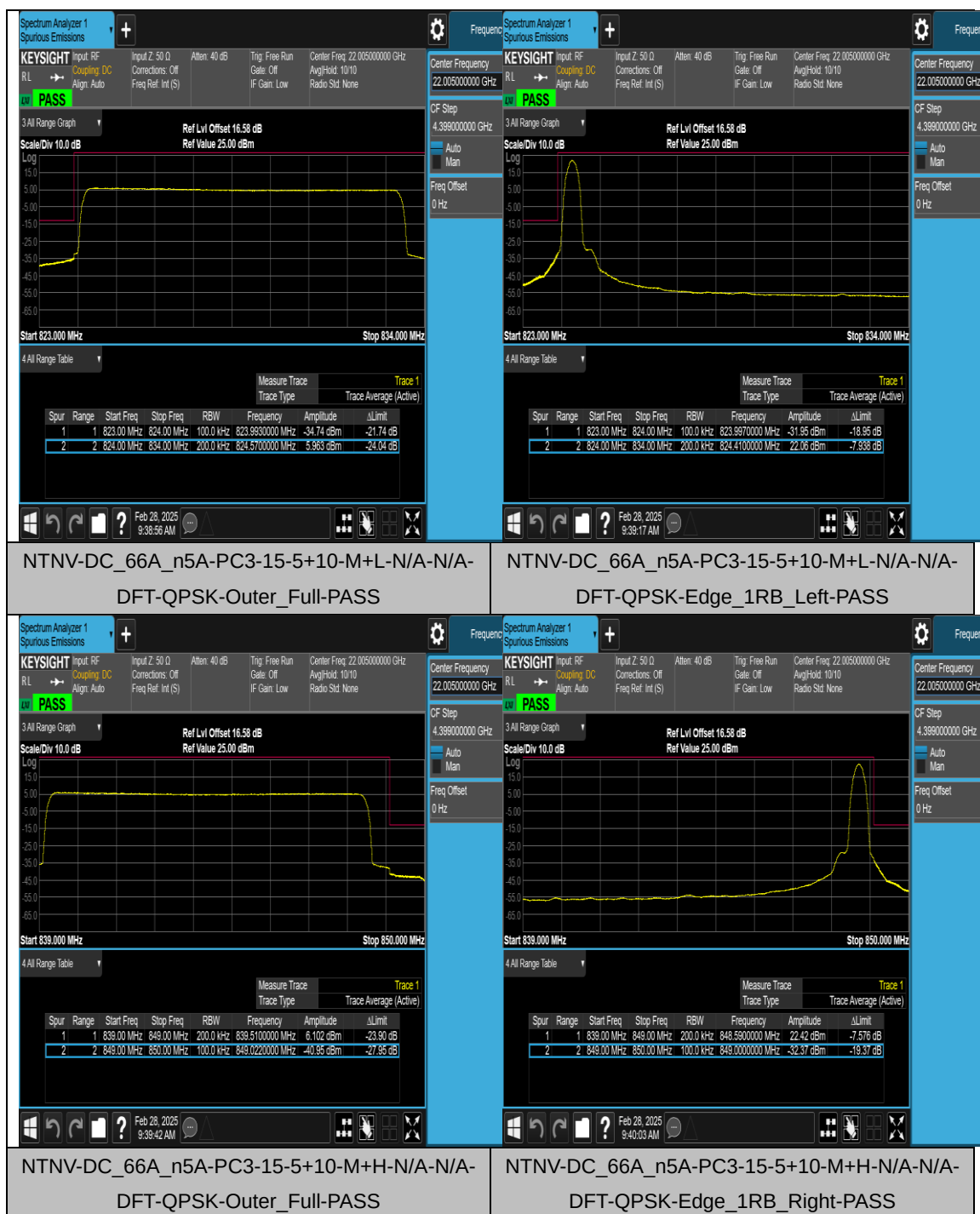
Appendix D: Band Edge for NSA

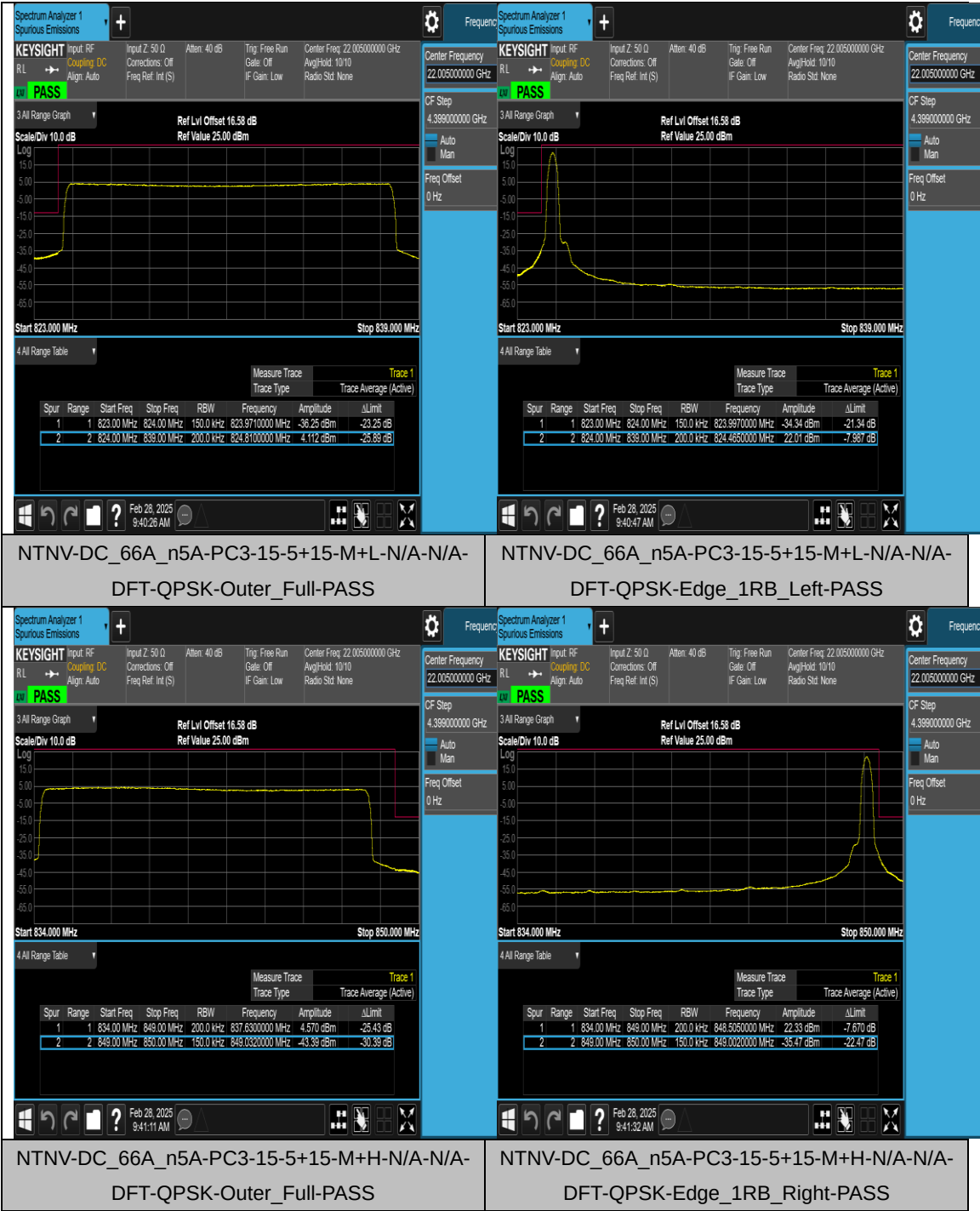
Test Result

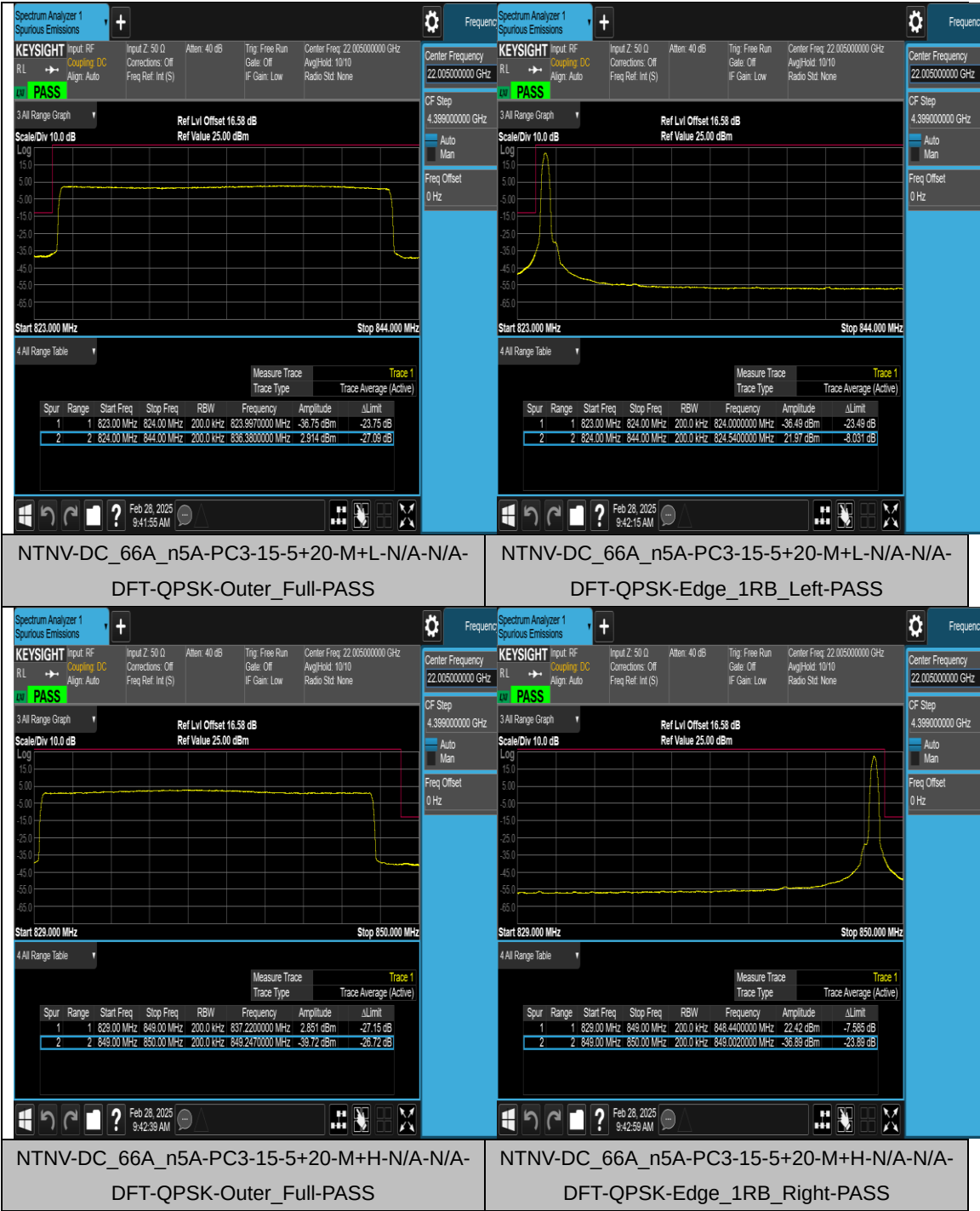
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Margin	Verdict
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	-33.15	20.15	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	-26.38	13.38	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	-33.31	20.31	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	-28.80	15.80	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	-34.74	21.74	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	-31.95	18.95	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	-40.95	27.95	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	-32.37	19.37	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	-36.25	23.25	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	-34.34	21.34	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	-43.39	30.39	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	-35.47	22.47	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	-36.75	23.75	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	-36.49	23.49	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	-39.72	26.72	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	-36.89	23.89	PASS

Test Graphs









Appendix E: Conducted Spurious Emission for NSA

Test Result

Band	SC S	Band width	Modulation	Chan nel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-65.79	-33	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	0.15	30	-68.55	-23	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	30	1000	-34.56	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	1000	3000	-39.01	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Outer_Full	3000	12000	-46.14	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-65.86	-33	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-64.49	-23	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-41.52	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	1000	3000	-37.99	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-46.00	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-65.95	-33	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-65.48	-23	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-40.57	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	1000	3000	-39.02	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-46.10	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-65.68	-33	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	0.15	30	-69.35	-23	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	30	1000	-54.21	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	1000	3000	-38.81	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Outer_Full	3000	12000	-46.12	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-66.37	-33	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-65.25	-23	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-55.15	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	1000	3000	-38.88	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-46.22	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-66.37	-33	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-65.29	-23	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-55.27	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	1000	3000	-39.05	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-45.93	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-66.37	-33	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	0.15	30	-68.05	-23	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	30	1000	-38.24	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	1000	3000	-39.13	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Outer_Full	3000	12000	-46.10	-13	PASS

DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-65.92	-33	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-65.71	-23	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-51.15	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	1000	3000	-38.98	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-46.02	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-66.31	-33	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-65.75	-23	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-49.06	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	1000	3000	-39.07	-13	PASS
DC_66A_n5A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-46.16	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-67.26	-33	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	0.15	30	-76.01	-23	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	30	1000	-55.16	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	1000	3000	-38.90	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Outer_Full	3000	12000	-45.98	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-66.57	-33	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-66.65	-23	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-47.19	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	1000	3000	-39.07	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-46.13	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-66.26	-33	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-65.00	-23	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-55.26	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	1000	3000	-38.98	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-45.89	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-66.76	-33	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	0.15	30	-63.34	-23	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	30	1000	-43.81	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	1000	3000	-38.95	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Outer_Full	3000	12000	-46.16	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-66.52	-33	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-66.36	-23	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-55.36	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	1000	3000	-39.01	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-45.95	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-64.97	-33	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-65.86	-23	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-55.43	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	1000	3000	-39.04	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-46.04	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-65.62	-33	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	0.15	30	-69.31	-23	PASS

DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	30	1000	-42.17	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	1000	3000	-39.10	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Outer_Full	3000	12000	-46.01	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-66.60	-33	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-67.27	-23	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-55.37	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	1000	3000	-39.05	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-46.16	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-65.90	-33	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-67.21	-23	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-47.56	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	1000	3000	-38.57	-13	PASS
DC_66A_n5A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-46.04	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-67.31	-33	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	0.15	30	-69.80	-23	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	30	1000	-38.98	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	1000	3000	-38.63	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Outer_Full	3000	12000	-46.14	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-66.91	-33	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-65.16	-23	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-46.38	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	1000	3000	-39.07	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-46.15	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-66.69	-33	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-66.43	-23	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-55.03	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	1000	3000	-39.04	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-46.23	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-66.27	-33	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	0.15	30	-67.22	-23	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	30	1000	-39.85	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	1000	3000	-39.00	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Outer_Full	3000	12000	-46.21	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-66.44	-33	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-66.34	-23	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-54.21	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	1000	3000	-38.96	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-45.99	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-66.78	-33	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-63.88	-23	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-54.89	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	1000	3000	-38.93	-13	PASS

DC_66A_n5A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-46.04	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-66.46	-33	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	0.15	30	-68.53	-23	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	30	1000	-43.30	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	1000	3000	-39.03	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Outer_Full	3000	12000	-46.09	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-66.41	-33	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-66.33	-23	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-54.90	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	1000	3000	-38.95	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-46.18	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-66.74	-33	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-67.02	-23	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-48.49	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	1000	3000	-39.10	-13	PASS
DC_66A_n5A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-46.05	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-66.67	-33	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	0.15	30	-60.77	-23	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	30	1000	-38.64	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	1000	3000	-38.97	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Outer_Full	3000	12000	-45.83	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-66.64	-33	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-63.39	-23	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-47.64	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	1000	3000	-38.96	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-45.96	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-66.93	-33	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-64.15	-23	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-54.96	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	1000	3000	-38.93	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-45.97	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-66.46	-33	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	0.15	30	-69.57	-23	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	30	1000	-40.92	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	1000	3000	-38.96	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Outer_Full	3000	12000	-46.07	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-66.51	-33	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-65.54	-23	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-51.69	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	1000	3000	-38.97	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-45.88	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-66.09	-33	PASS

DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-64.60	-23	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-53.67	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	1000	3000	-39.01	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-46.02	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-66.66	-33	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	0.15	30	-63.87	-23	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	30	1000	-41.63	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	1000	3000	-39.04	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Outer_Full	3000	12000	-46.05	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-66.66	-33	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-63.60	-23	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-50.84	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	1000	3000	-39.08	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-46.16	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-65.69	-33	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-65.02	-23	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-47.73	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	1000	3000	-38.94	-13	PASS
DC_66A_n5A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-45.91	-13	PASS