

Appendix for 5A_n7A

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_5A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	22.58	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Inner_Full	23.62	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	22.13	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	22.49	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	21.51	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+L	Inner_Full	22.43	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Left	21.08	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+L	Edge_1RB_Right	21.33	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	22.67	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Inner_Full	23.75	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	22.70	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	22.54	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	21.78	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+M	Inner_Full	22.79	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Left	21.07	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+M	Edge_1RB_Right	21.97	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	22.66	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Inner_Full	23.73	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	22.63	PC3	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	22.68	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	21.76	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+H	Inner_Full	22.59	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Left	21.86	PC3	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+H	Edge_1RB_Right	21.52	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	22.57	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Inner_Full	23.56	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	23.01	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	23.03	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	21.56	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+L	Inner_Full	22.61	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Left	21.51	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+L	Edge_1RB_Right	21.57	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	22.81	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Inner_Full	23.73	PC3	PASS

DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	22.83	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	23.01	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	21.56	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+M	Inner_Full	22.80	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Left	21.69	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+M	Edge_1RB_Right	21.65	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	22.53	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Inner_Full	23.52	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	22.30	PC3	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	22.43	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	21.51	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+H	Inner_Full	22.46	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Left	21.81	PC3	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+H	Edge_1RB_Right	21.44	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	22.72	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Inner_Full	23.83	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	22.42	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	22.59	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	21.82	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+L	Inner_Full	22.69	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Left	20.95	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+L	Edge_1RB_Right	21.83	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	22.92	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Inner_Full	23.91	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	22.72	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	22.73	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	21.78	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+M	Inner_Full	22.96	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Left	21.64	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+M	Edge_1RB_Right	21.86	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	22.59	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Inner_Full	23.56	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	22.46	PC3	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	22.52	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	21.60	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+H	Inner_Full	22.65	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Left	21.32	PC3	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+H	Edge_1RB_Right	21.86	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	22.63	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Inner_Full	23.76	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	22.52	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	22.62	PC3	PASS

DC_5A_n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	21.59	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+L	Inner_Full	22.69	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Left	21.22	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+L	Edge_1RB_Right	21.94	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	22.78	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Inner_Full	23.79	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	22.66	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	22.80	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	21.76	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+M	Inner_Full	22.85	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Left	21.81	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+M	Edge_1RB_Right	21.71	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	22.52	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Inner_Full	23.46	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	22.73	PC3	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	22.52	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	21.42	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+H	Inner_Full	22.64	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Left	21.82	PC3	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+H	Edge_1RB_Right	21.41	PC3	PASS

Appendix B: Peak-to-Average Ratio for NSA

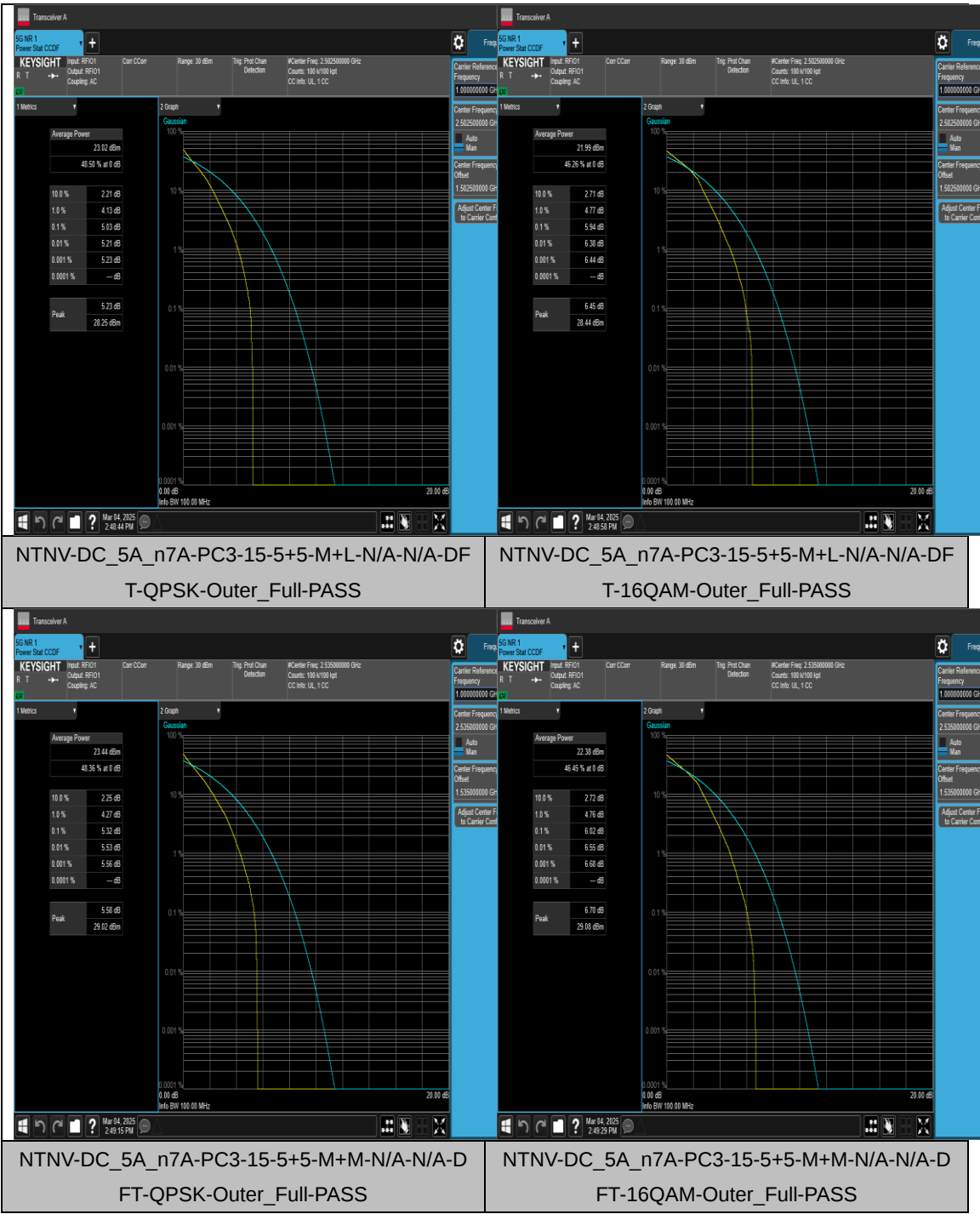
Peak-to-Average Ratio(CCDF)

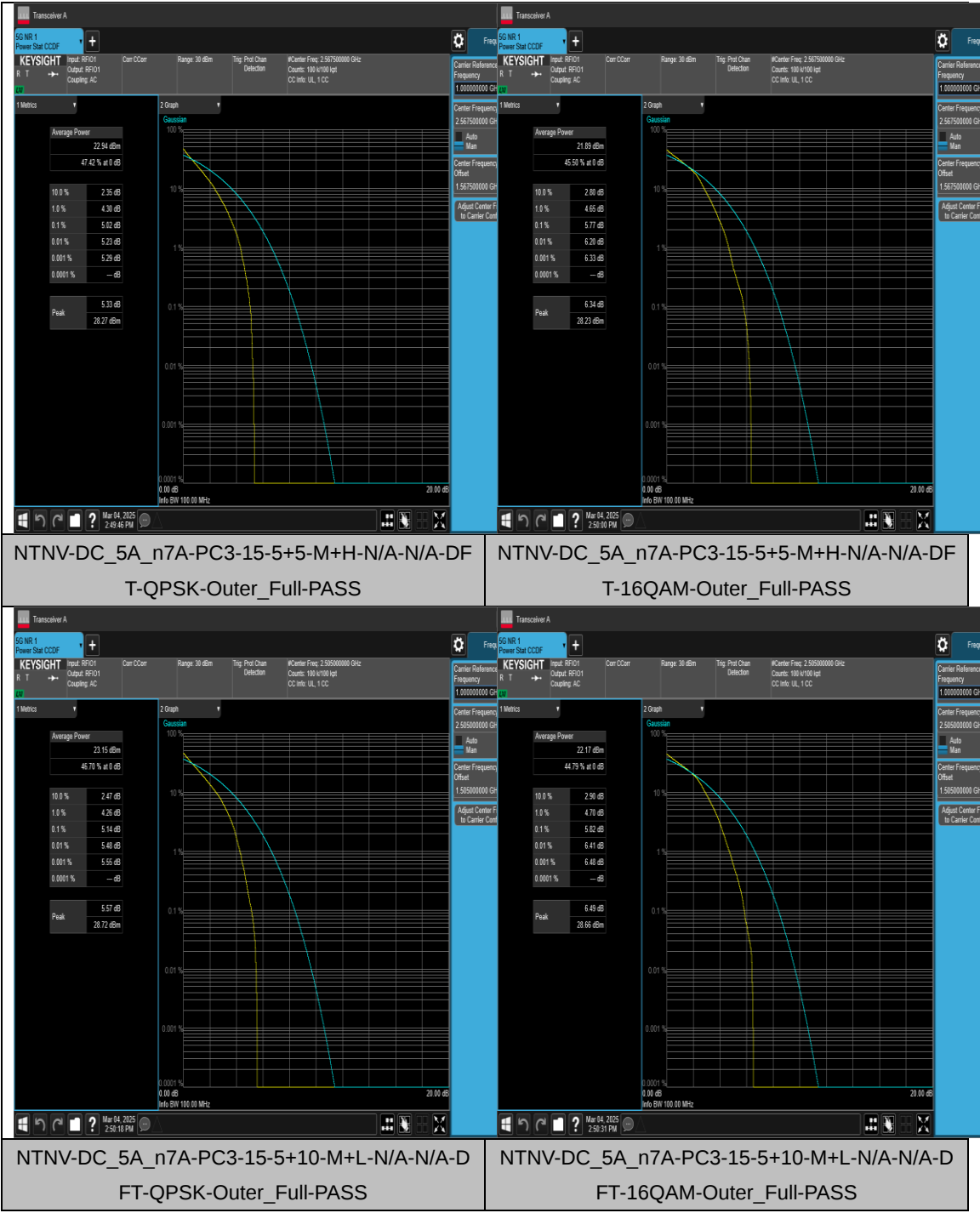
Test Result

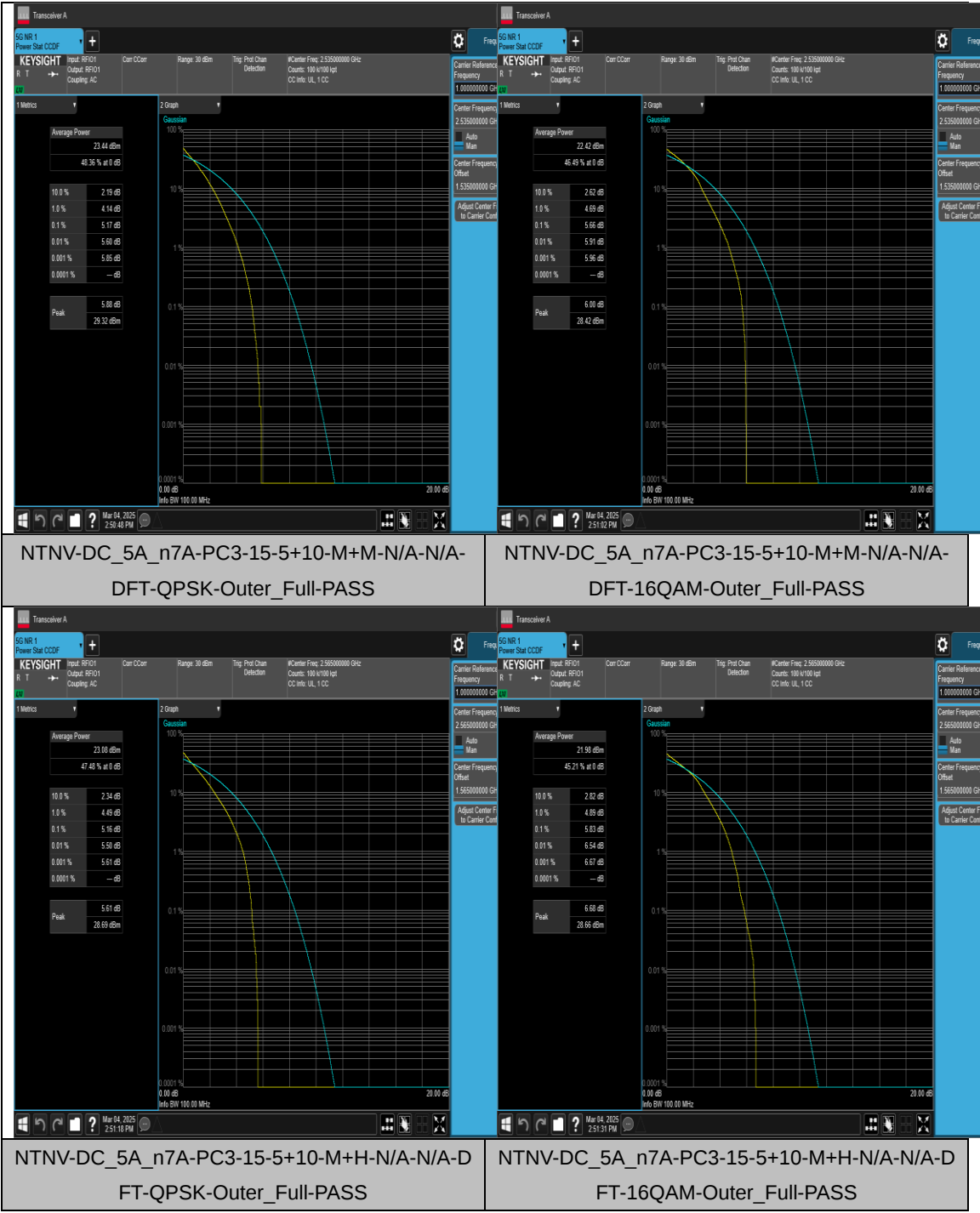
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
DC_5A_n7 A	15	5+5	DFT-QPSK	M+L	Outer_Full	5.03	≤13	PASS
DC_5A_n7 A	15	5+5	DFT-16QAM	M+L	Outer_Full	5.94	≤13	PASS
DC_5A_n7 A	15	5+5	DFT-QPSK	M+M	Outer_Full	5.32	≤13	PASS
DC_5A_n7 A	15	5+5	DFT-16QAM	M+M	Outer_Full	6.02	≤13	PASS
DC_5A_n7 A	15	5+5	DFT-QPSK	M+H	Outer_Full	5.02	≤13	PASS
DC_5A_n7 A	15	5+5	DFT-16QAM	M+H	Outer_Full	5.77	≤13	PASS
DC_5A_n7 A	15	5+10	DFT-QPSK	M+L	Outer_Full	5.14	≤13	PASS
DC_5A_n7 A	15	5+10	DFT-16QAM	M+L	Outer_Full	5.82	≤13	PASS
DC_5A_n7 A	15	5+10	DFT-QPSK	M+M	Outer_Full	5.17	≤13	PASS
DC_5A_n7 A	15	5+10	DFT-16QAM	M+M	Outer_Full	5.66	≤13	PASS
DC_5A_n7 A	15	5+10	DFT-QPSK	M+H	Outer_Full	5.16	≤13	PASS
DC_5A_n7 A	15	5+10	DFT-16QAM	M+H	Outer_Full	5.83	≤13	PASS
DC_5A_n7 A	15	5+15	DFT-QPSK	M+L	Outer_Full	5.27	≤13	PASS
DC_5A_n7 A	15	5+15	DFT-16QAM	M+L	Outer_Full	5.95	≤13	PASS
DC_5A_n7 A	15	5+15	DFT-QPSK	M+M	Outer_Full	5.09	≤13	PASS
DC_5A_n7 A	15	5+15	DFT-16QAM	M+M	Outer_Full	6.01	≤13	PASS
DC_5A_n7	15	5+15	DFT-QPSK	M+H	Outer_Full	5.13	≤13	PASS

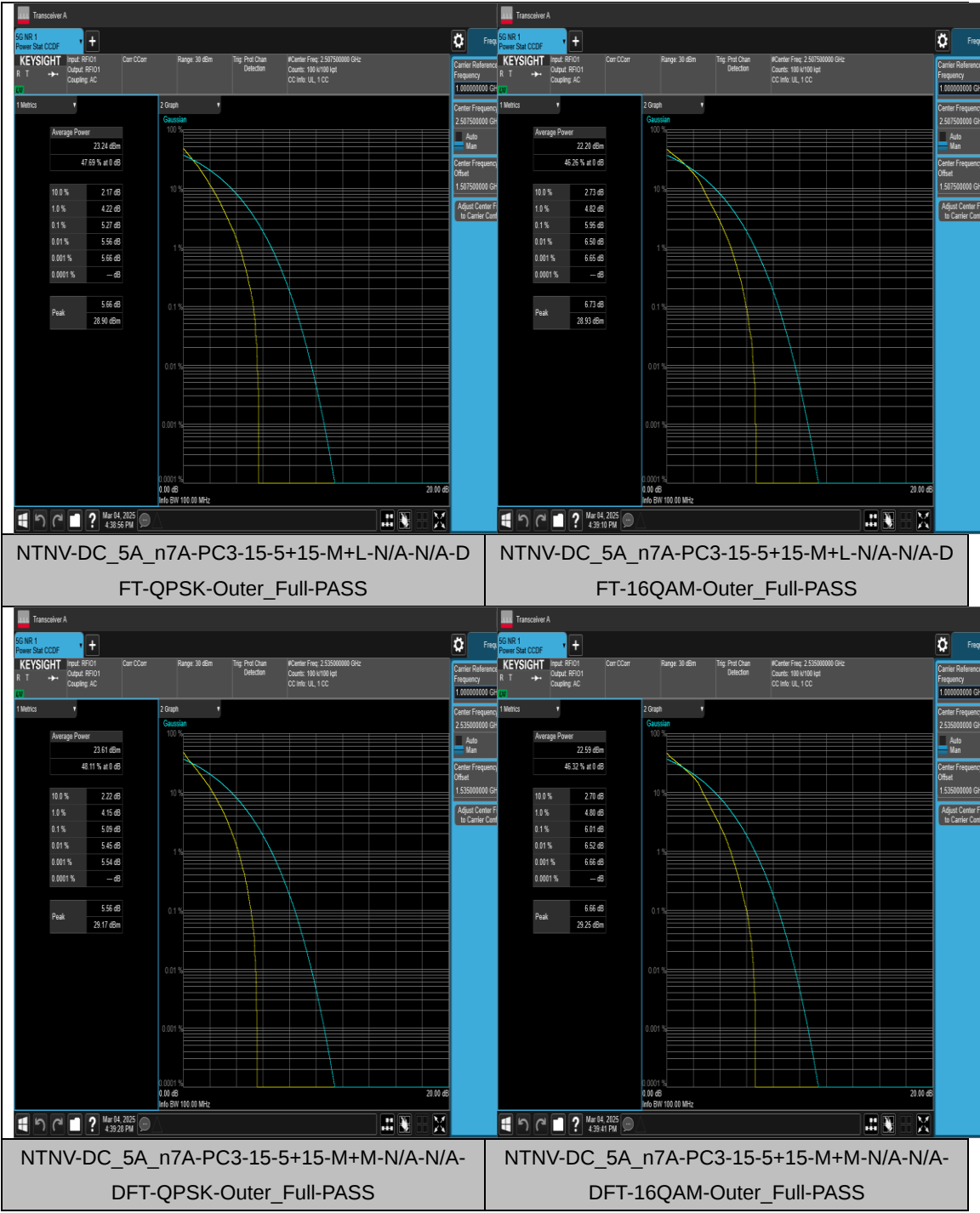
A								
DC_5A_n7 A	15	5+15	DFT-16QAM	M+H	Outer_Full	5.85	≤13	PASS
DC_5A_n7 A	15	5+20	DFT-QPSK	M+L	Outer_Full	5.21	≤13	PASS
DC_5A_n7 A	15	5+20	DFT-16QAM	M+L	Outer_Full	5.89	≤13	PASS
DC_5A_n7 A	15	5+20	DFT-QPSK	M+M	Outer_Full	5.38	≤13	PASS
DC_5A_n7 A	15	5+20	DFT-16QAM	M+M	Outer_Full	5.99	≤13	PASS
DC_5A_n7 A	15	5+20	DFT-QPSK	M+H	Outer_Full	5.04	≤13	PASS
DC_5A_n7 A	15	5+20	DFT-16QAM	M+H	Outer_Full	5.92	≤13	PASS

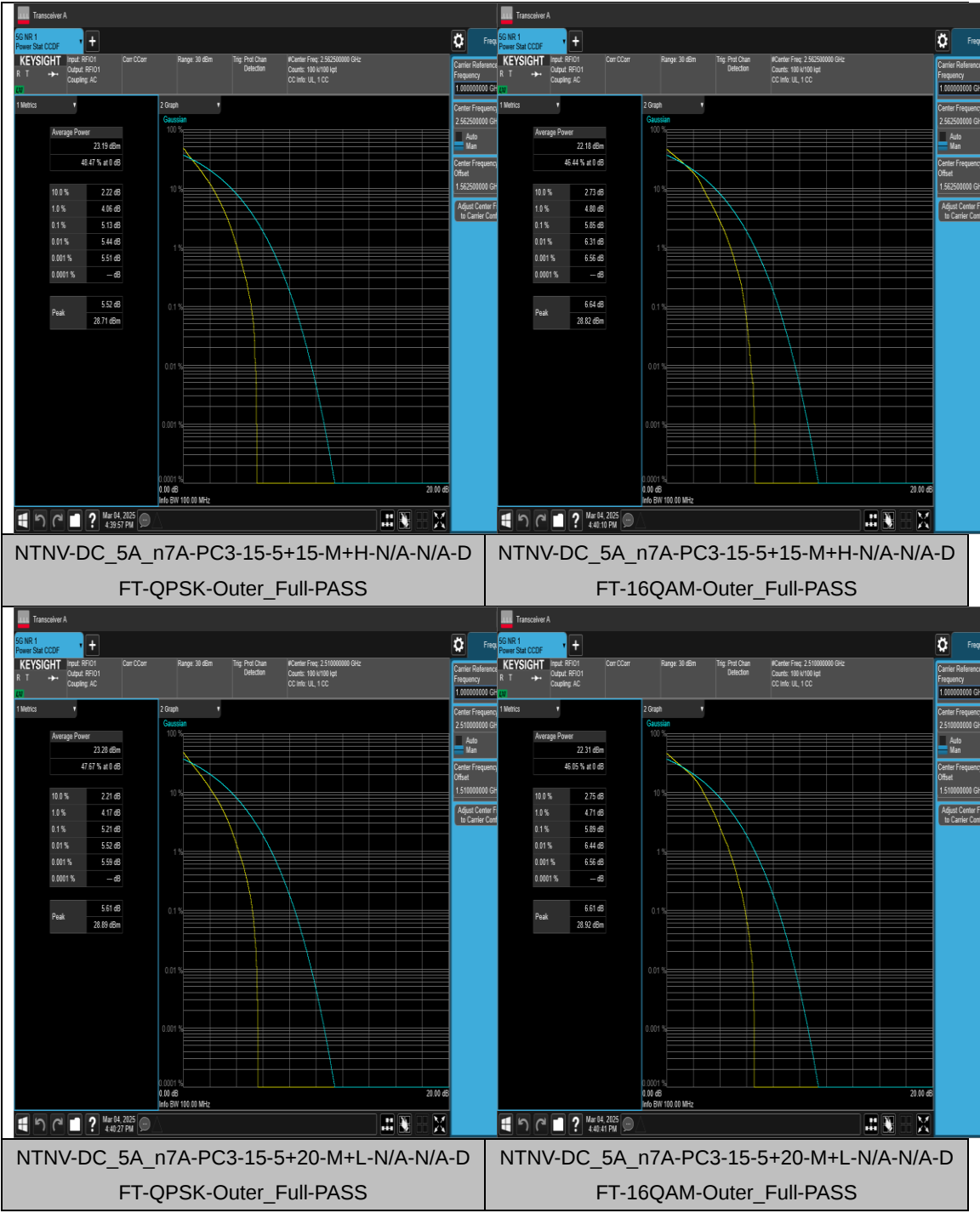
Test Graphs

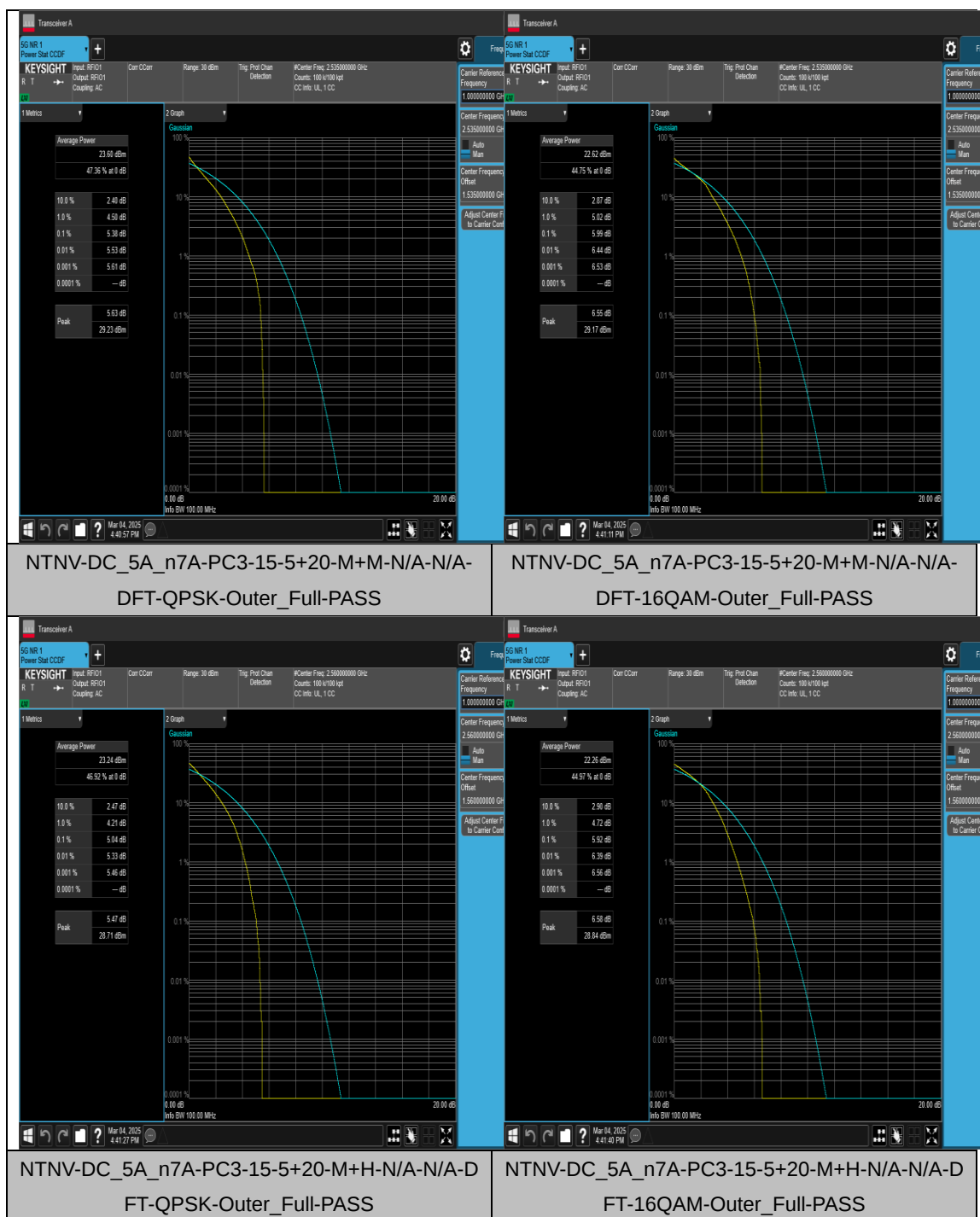












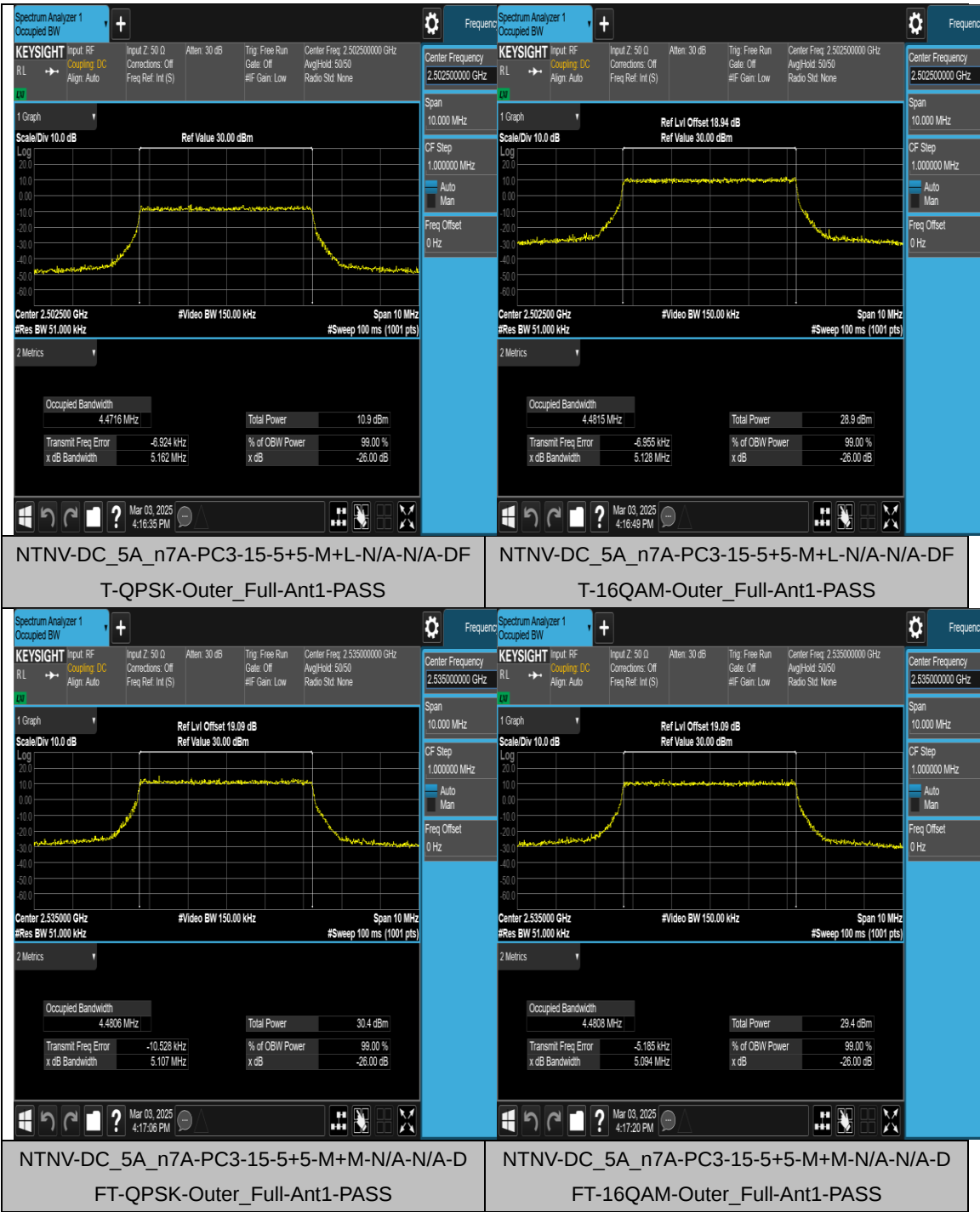
Appendix C: 26dB Bandwidth and Occupied Bandwidth for

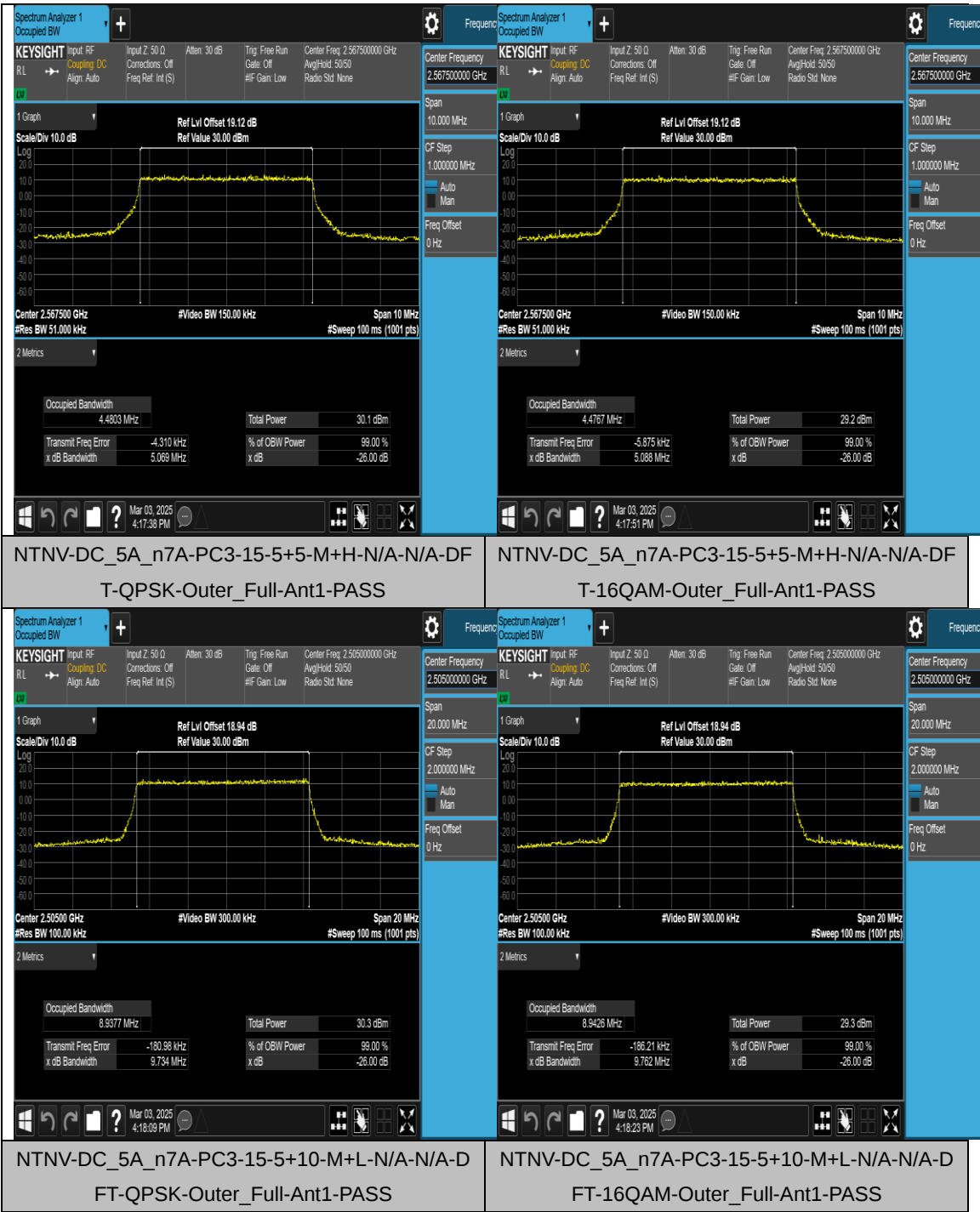
NSA

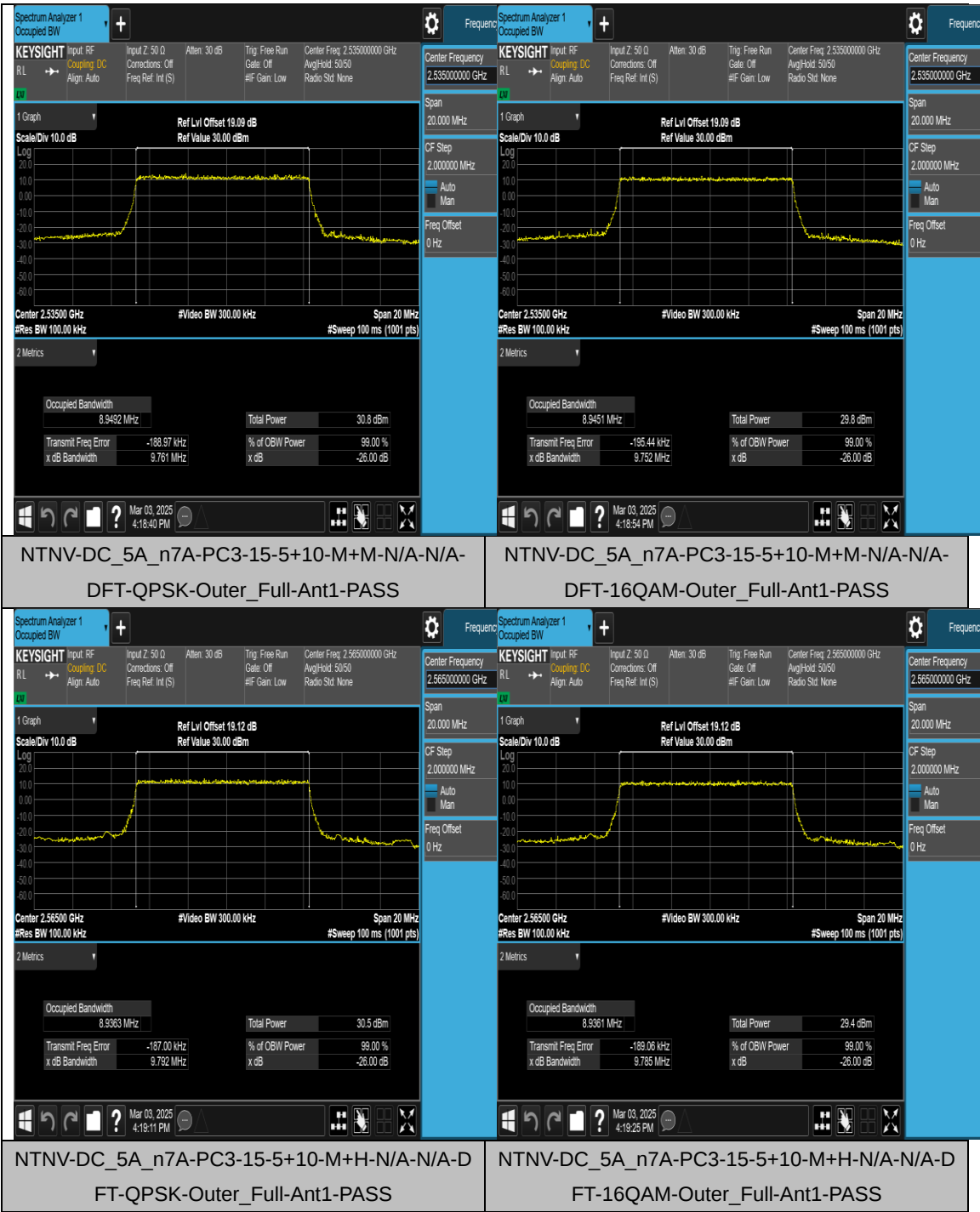
Test Result

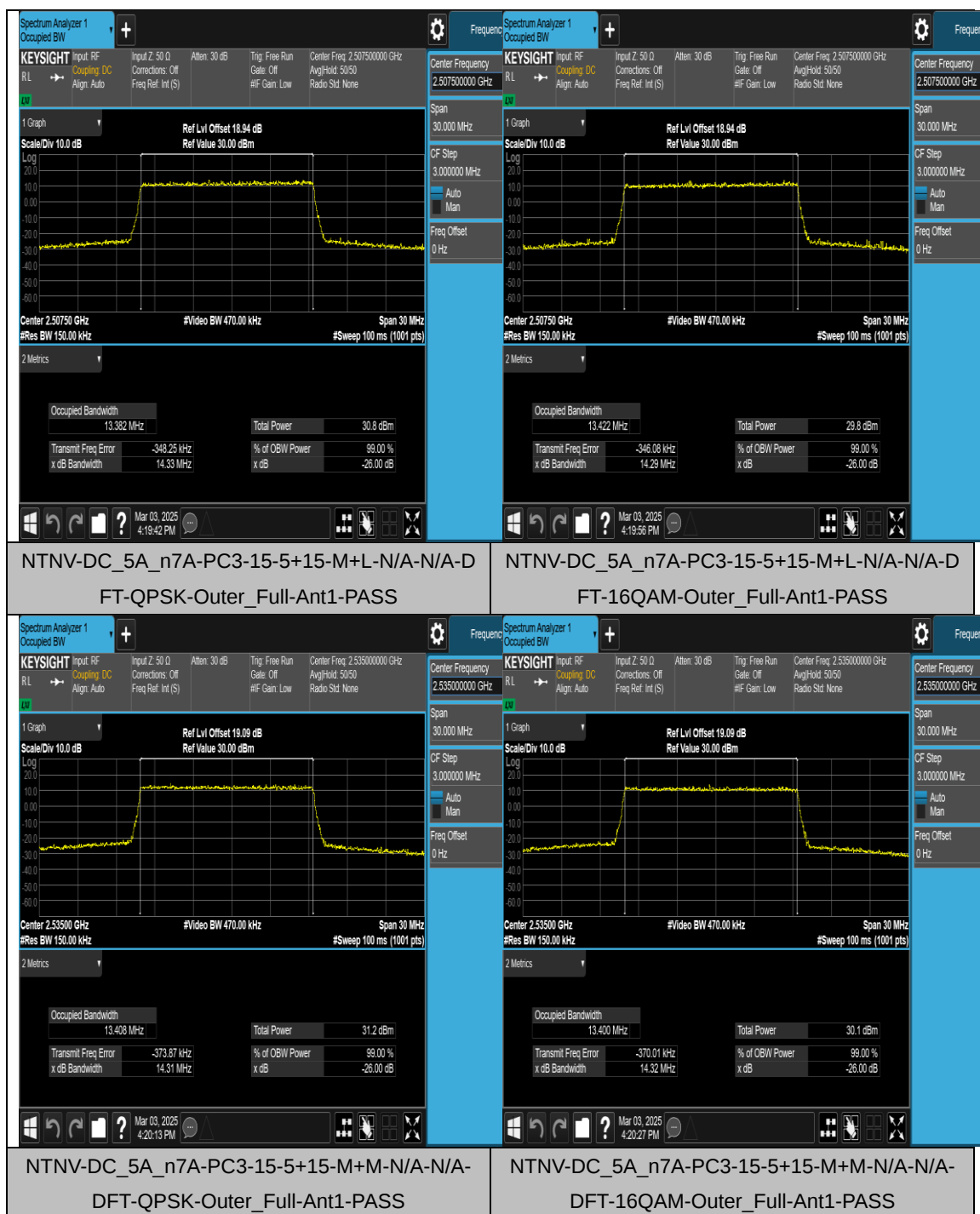
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	4.4716	5.162	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	4.4815	5.128	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	4.4806	5.107	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	4.4808	5.094	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	4.4803	5.069	PASS
DC_5A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	4.4767	5.088	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	8.9377	9.734	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	8.9426	9.762	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	8.9492	9.761	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	8.9451	9.752	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	8.9363	9.792	PASS
DC_5A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	8.9361	9.785	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	13.382	14.33	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	13.422	14.29	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	13.408	14.31	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	13.400	14.32	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	13.382	14.29	PASS
DC_5A_n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	13.391	14.32	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	17.857	18.91	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	17.847	18.99	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	17.858	18.98	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	17.863	18.96	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	17.840	18.93	PASS
DC_5A_n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	17.850	18.89	PASS

Test Graphs

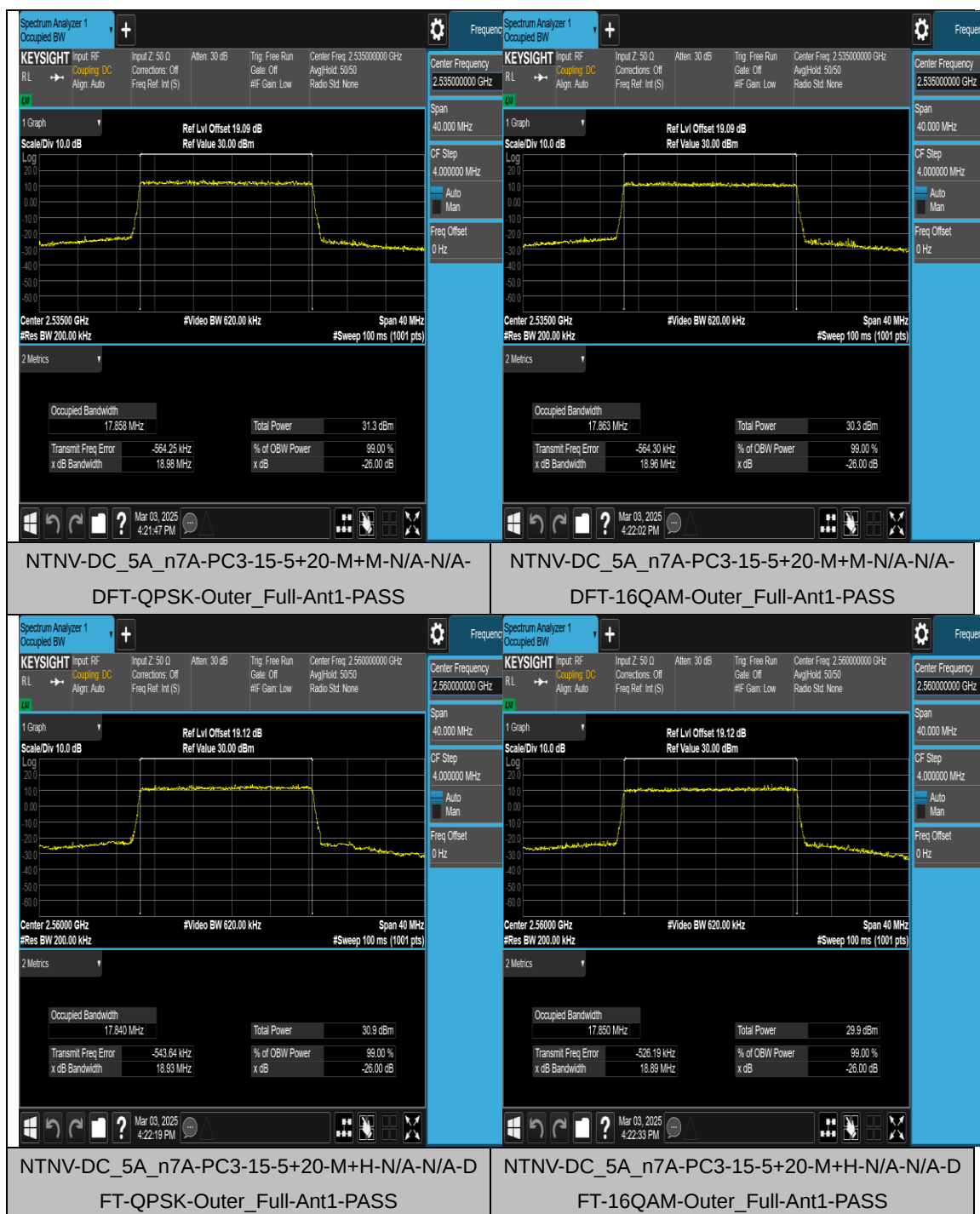










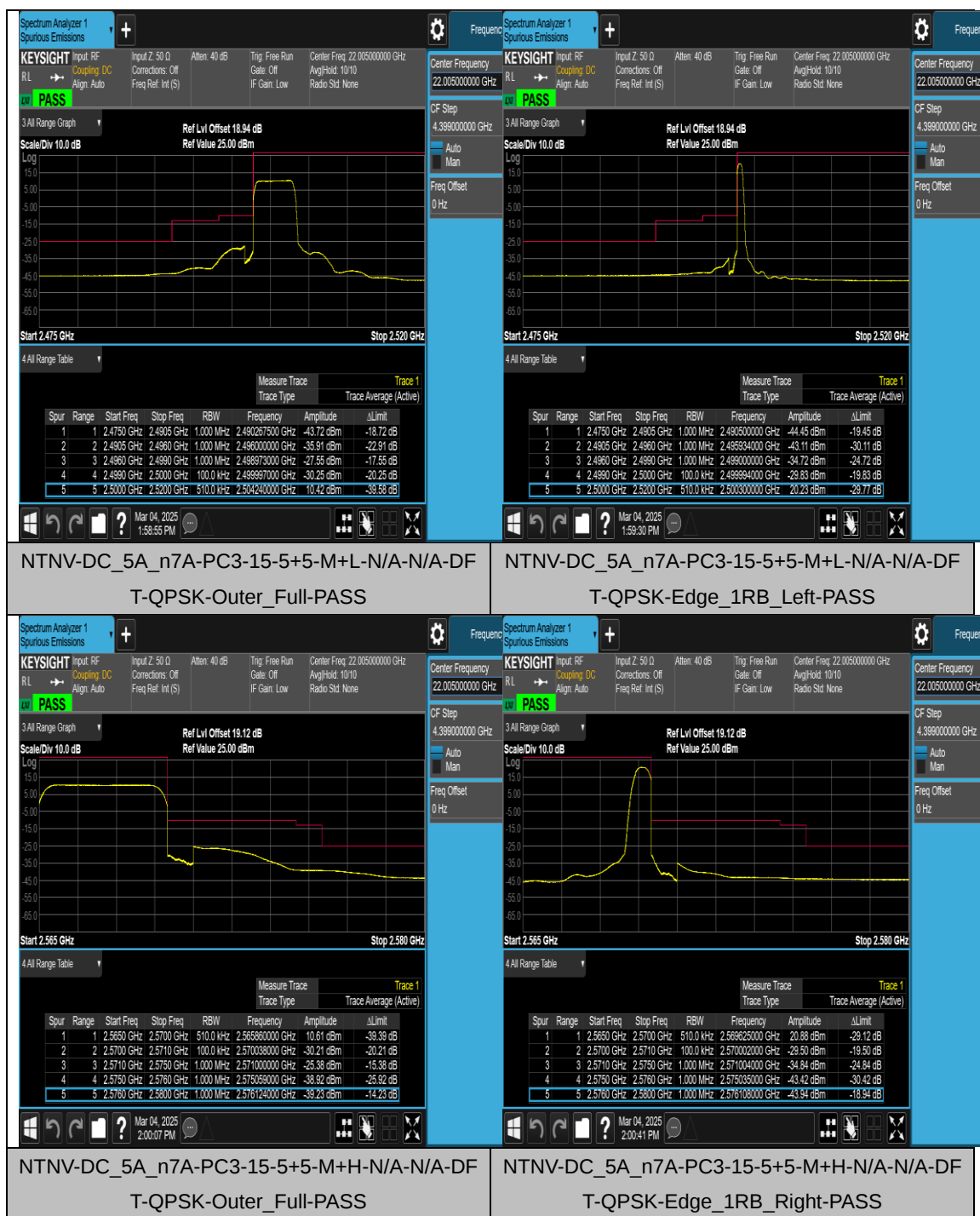


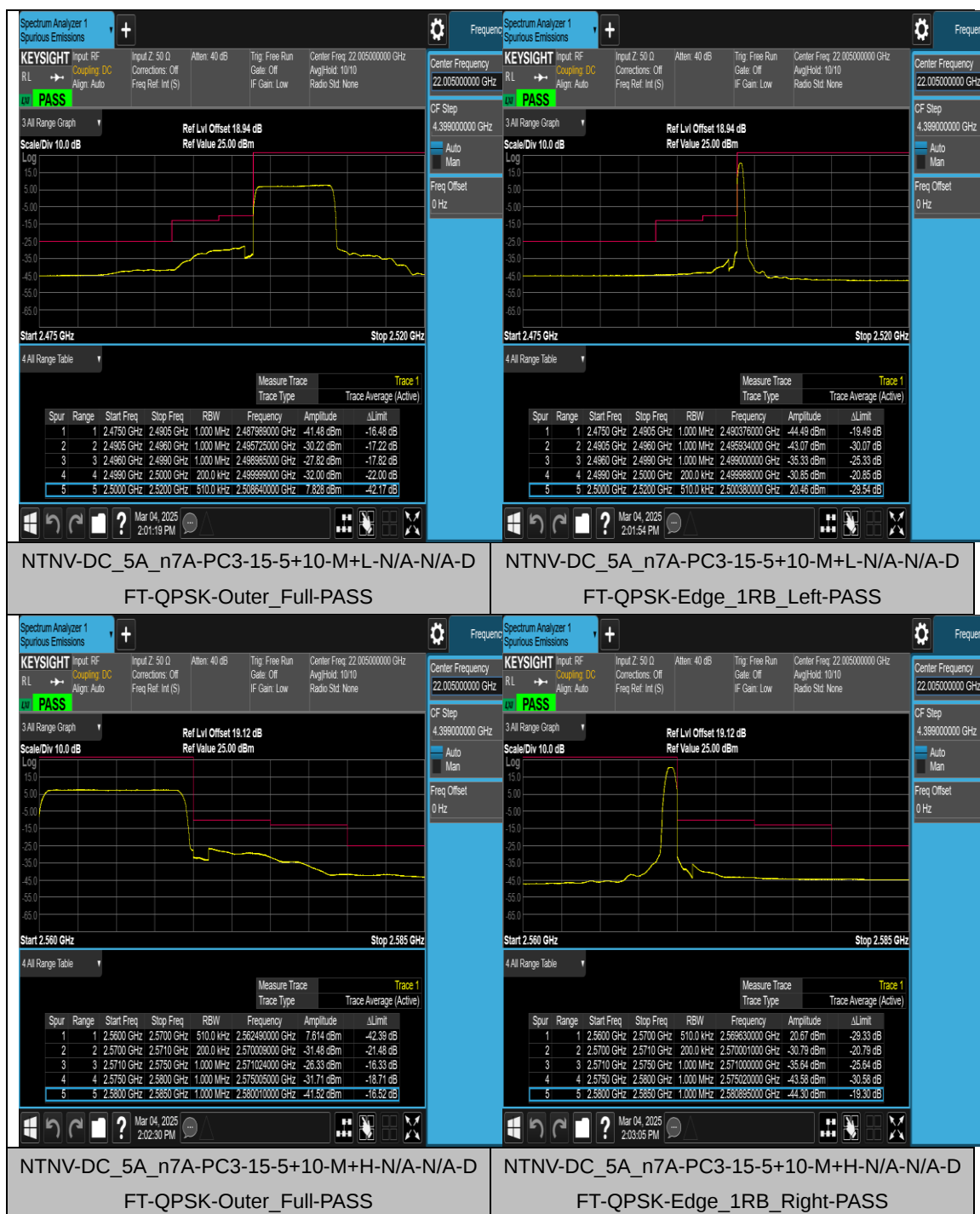
Appendix D: Band Edge for NSA

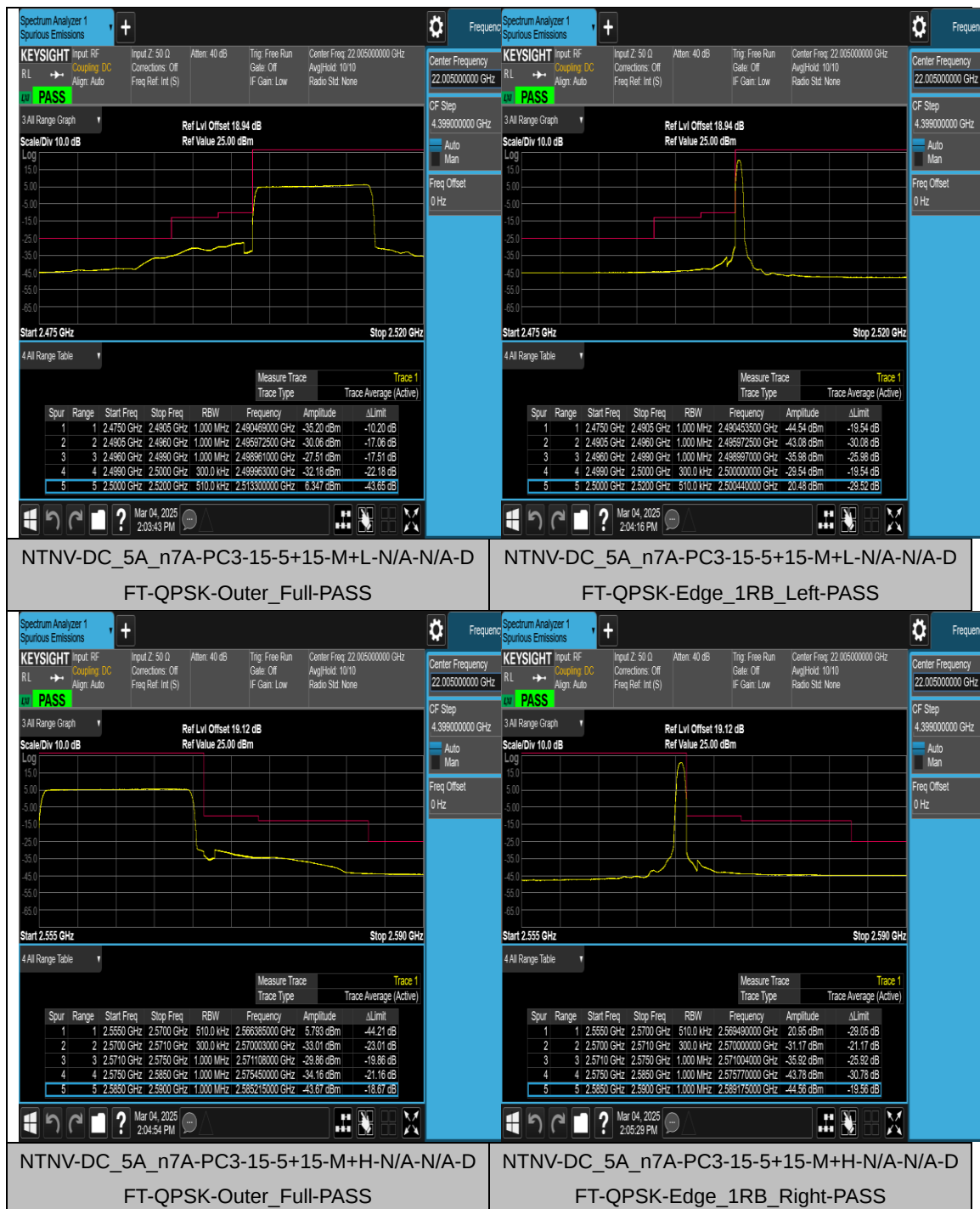
Test Result

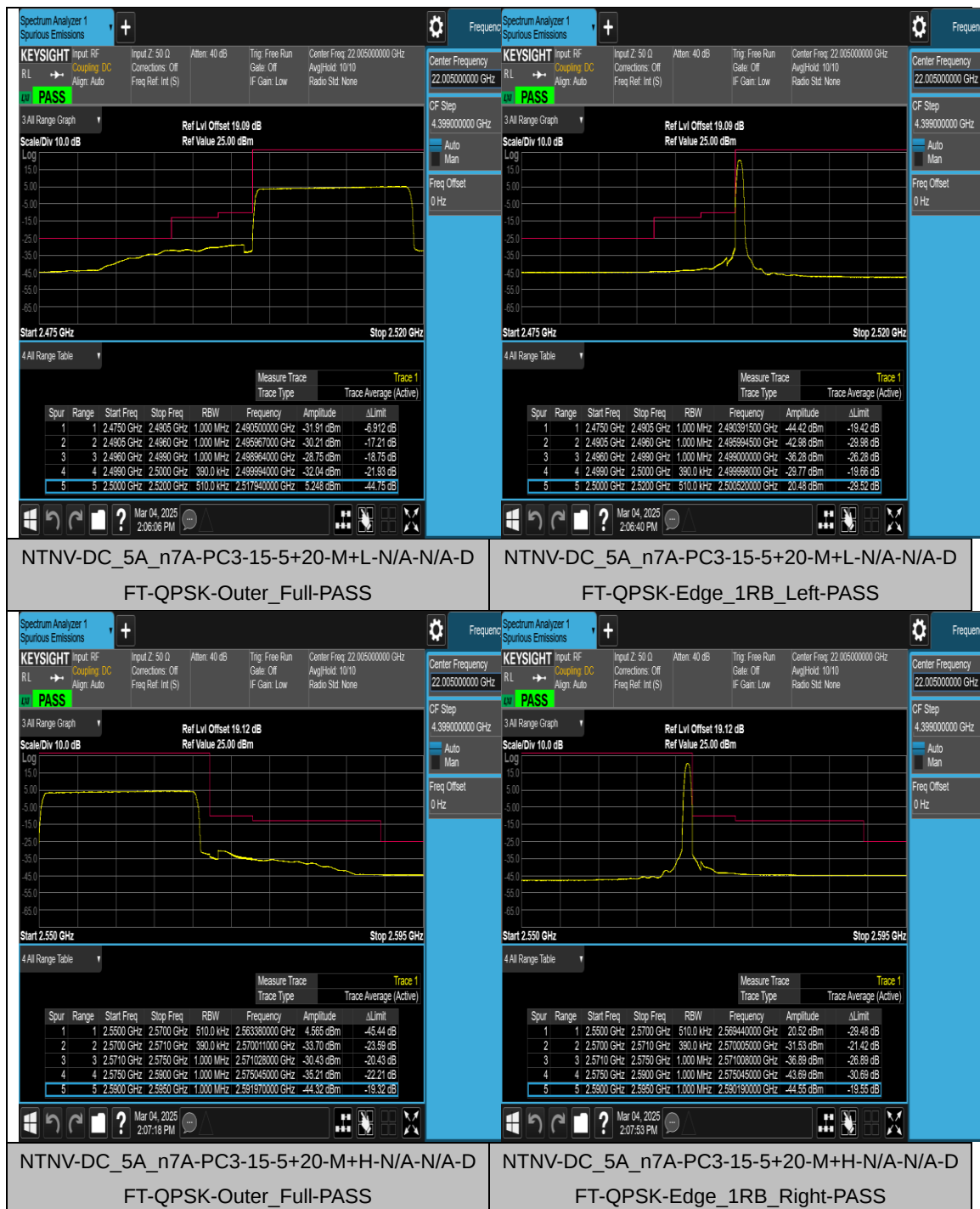
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Margin	Verdict
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	-27.55	17.55	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	-44.45	19.45	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	-39.23	14.23	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	-43.94	18.94	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	-41.48	16.48	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	-44.49	19.49	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	-26.33	16.33	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	-44.30	19.30	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	-35.20	10.20	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	-44.54	19.54	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	-43.67	18.67	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	-44.56	19.56	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	-31.91	6.91	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	-44.42	19.42	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	-44.32	19.32	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	-44.55	19.55	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_5A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-66.62	-55	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	0.15	30	-71.93	-45	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	30	1000	-53.64	-35	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	3000	12000	-45.63	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	12000	20000	-47.53	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-66.85	-55	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-70.09	-45	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-54.53	-35	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-45.53	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Left	12000	20000	-47.50	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-67.16	-55	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-68.95	-45	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-54.80	-35	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-45.54	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+L	Edge_1RB_Right	12000	20000	-47.50	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-66.15	-55	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	0.15	30	-74.90	-45	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	30	1000	-55.02	-35	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	3000	12000	-45.44	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	12000	20000	-47.30	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-67.22	-55	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-67.19	-45	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-54.56	-35	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-45.39	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Left	12000	20000	-47.38	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-67.20	-55	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-71.48	-45	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-54.36	-35	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-45.35	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+M	Edge_1RB_Right	12000	20000	-47.42	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-66.25	-55	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	0.15	30	-71.07	-45	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	30	1000	-53.95	-35	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	3000	12000	-45.41	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	12000	20000	-47.56	-25	PASS

DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-67.17	-55	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-60.25	-45	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-54.55	-35	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-45.45	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Left	12000	20000	-47.52	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-66.66	-55	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-60.27	-45	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-54.46	-35	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-45.59	-25	PASS
DC_5A_n7A	15	5+5	DFT-QPSK	M+H	Edge_1RB_Right	12000	20000	-47.53	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-66.25	-55	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	0.15	30	-72.95	-45	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	30	1000	-54.29	-35	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	3000	12000	-45.49	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	12000	20000	-47.39	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-66.72	-55	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-70.32	-45	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-54.12	-35	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-45.42	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Left	12000	20000	-47.40	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-66.26	-55	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-69.00	-45	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-53.90	-35	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-45.41	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+L	Edge_1RB_Right	12000	20000	-47.18	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-67.03	-55	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	0.15	30	-70.77	-45	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	30	1000	-53.68	-35	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	3000	12000	-45.43	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	12000	20000	-47.44	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-66.16	-55	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-70.60	-45	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-54.06	-35	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-45.01	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Left	12000	20000	-47.46	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-67.33	-55	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-70.14	-45	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-55.28	-35	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-45.46	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+M	Edge_1RB_Right	12000	20000	-47.36	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-66.70	-55	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	0.15	30	-71.41	-45	PASS

DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	30	1000	-55.01	-35	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	3000	12000	-45.54	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	12000	20000	-47.42	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-66.38	-55	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-73.11	-45	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-54.90	-35	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-45.65	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Left	12000	20000	-47.45	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-66.40	-55	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-59.23	-45	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-54.74	-35	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-45.57	-25	PASS
DC_5A_n7A	15	5+10	DFT-QPSK	M+H	Edge_1RB_Right	12000	20000	-47.37	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-66.56	-55	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	0.15	30	-73.03	-45	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	30	1000	-54.61	-35	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	3000	12000	-45.58	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	12000	20000	-47.53	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-67.11	-55	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-70.85	-45	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-54.63	-35	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-45.37	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Left	12000	20000	-47.52	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-66.57	-55	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-66.95	-45	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-54.65	-35	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-45.65	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+L	Edge_1RB_Right	12000	20000	-47.45	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-67.15	-55	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	0.15	30	-70.51	-45	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	30	1000	-55.15	-35	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	3000	12000	-45.46	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	12000	20000	-47.48	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-66.86	-55	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-70.95	-45	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-52.95	-35	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-45.23	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Left	12000	20000	-47.50	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-66.89	-55	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-69.19	-45	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-54.68	-35	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-45.48	-25	PASS

DC_5A_n7A	15	5+15	DFT-QPSK	M+M	Edge_1RB_Right	12000	20000	-47.34	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-67.05	-55	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	0.15	30	-66.95	-45	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	30	1000	-54.85	-35	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	3000	12000	-45.50	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	12000	20000	-47.45	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-66.23	-55	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-66.78	-45	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-54.57	-35	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-45.63	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Left	12000	20000	-47.49	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-66.86	-55	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-60.76	-45	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-54.35	-35	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-45.52	-25	PASS
DC_5A_n7A	15	5+15	DFT-QPSK	M+H	Edge_1RB_Right	12000	20000	-47.50	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	0.009	0.15	-66.95	-55	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	0.15	30	-69.14	-45	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	30	1000	-54.25	-35	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	3000	12000	-45.43	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	12000	20000	-47.34	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	0.009	0.15	-65.19	-55	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	0.15	30	-72.96	-45	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	30	1000	-54.88	-35	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	3000	12000	-45.42	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Left	12000	20000	-47.24	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	0.009	0.15	-65.71	-55	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	0.15	30	-74.44	-45	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	30	1000	-54.91	-35	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	3000	12000	-45.47	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+L	Edge_1RB_Right	12000	20000	-47.36	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	0.009	0.15	-65.67	-55	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	0.15	30	-68.19	-45	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	30	1000	-54.17	-35	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	3000	12000	-45.45	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	12000	20000	-47.41	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	0.009	0.15	-66.97	-55	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	0.15	30	-71.76	-45	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	30	1000	-53.77	-35	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	3000	12000	-45.53	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Left	12000	20000	-47.47	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	0.009	0.15	-66.72	-55	PASS

DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	0.15	30	-70.61	-45	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	30	1000	-53.37	-35	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	3000	12000	-45.44	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+M	Edge_1RB_Right	12000	20000	-47.54	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	0.009	0.15	-65.51	-55	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	0.15	30	-69.24	-45	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	30	1000	-54.09	-35	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	3000	12000	-45.47	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	12000	20000	-47.48	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	0.009	0.15	-66.84	-55	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	0.15	30	-68.63	-45	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	30	1000	-54.58	-35	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	3000	12000	-45.43	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Left	12000	20000	-47.31	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	0.009	0.15	-67.20	-55	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	0.15	30	-59.47	-45	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	30	1000	-53.22	-35	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	3000	12000	-45.59	-25	PASS
DC_5A_n7A	15	5+20	DFT-QPSK	M+H	Edge_1RB_Right	12000	20000	-47.48	-25	PASS