

Appendix for N12

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
N12	15	5	DFT-QPSK	L	Outer_Full	23.58	PC3	PASS
N12	15	5	DFT-QPSK	L	Inner_Full	23.65	PC3	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	23.64	PC3	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	23.53	PC3	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	22.62	PC3	PASS
N12	15	5	DFT-16QAM	L	Inner_Full	23.52	PC3	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	22.98	PC3	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	22.59	PC3	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	23.68	PC3	PASS
N12	15	5	DFT-QPSK	M	Inner_Full	23.59	PC3	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	23.53	PC3	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Right	23.62	PC3	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	22.47	PC3	PASS
N12	15	5	DFT-16QAM	M	Inner_Full	23.43	PC3	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	22.53	PC3	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	22.62	PC3	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	23.55	PC3	PASS
N12	15	5	DFT-QPSK	H	Inner_Full	23.54	PC3	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	23.43	PC3	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	23.37	PC3	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	22.69	PC3	PASS
N12	15	5	DFT-16QAM	H	Inner_Full	23.49	PC3	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	22.50	PC3	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	22.42	PC3	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	23.65	PC3	PASS
N12	15	10	DFT-QPSK	L	Inner_Full	23.56	PC3	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	23.49	PC3	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	23.40	PC3	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	22.80	PC3	PASS
N12	15	10	DFT-16QAM	L	Inner_Full	23.70	PC3	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left	22.42	PC3	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	22.20	PC3	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	23.62	PC3	PASS
N12	15	10	DFT-QPSK	M	Inner_Full	23.57	PC3	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	23.60	PC3	PASS

N12	15	10	DFT-QPSK	M	Edge_1RB_Right	23.49	PC3	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	22.65	PC3	PASS
N12	15	10	DFT-16QAM	M	Inner_Full	23.59	PC3	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	22.85	PC3	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	22.77	PC3	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	23.52	PC3	PASS
N12	15	10	DFT-QPSK	H	Inner_Full	23.53	PC3	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	23.38	PC3	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	23.01	PC3	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	22.49	PC3	PASS
N12	15	10	DFT-16QAM	H	Inner_Full	23.56	PC3	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	22.85	PC3	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	22.55	PC3	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	23.78	PC3	PASS
N12	15	15	DFT-QPSK	L	Inner_Full	23.76	PC3	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	23.52	PC3	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	23.19	PC3	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	22.79	PC3	PASS
N12	15	15	DFT-16QAM	L	Inner_Full	23.62	PC3	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	22.95	PC3	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	22.65	PC3	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	23.80	PC3	PASS
N12	15	15	DFT-QPSK	M	Inner_Full	23.79	PC3	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	23.62	PC3	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	23.41	PC3	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	22.77	PC3	PASS
N12	15	15	DFT-16QAM	M	Inner_Full	23.66	PC3	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	23.03	PC3	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	22.69	PC3	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	23.83	PC3	PASS
N12	15	15	DFT-QPSK	H	Inner_Full	23.68	PC3	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	23.84	PC3	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	23.63	PC3	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	22.74	PC3	PASS
N12	15	15	DFT-16QAM	H	Inner_Full	23.69	PC3	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	23.24	PC3	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	22.95	PC3	PASS

Appendix B: Peak-to-Average Ratio for SA

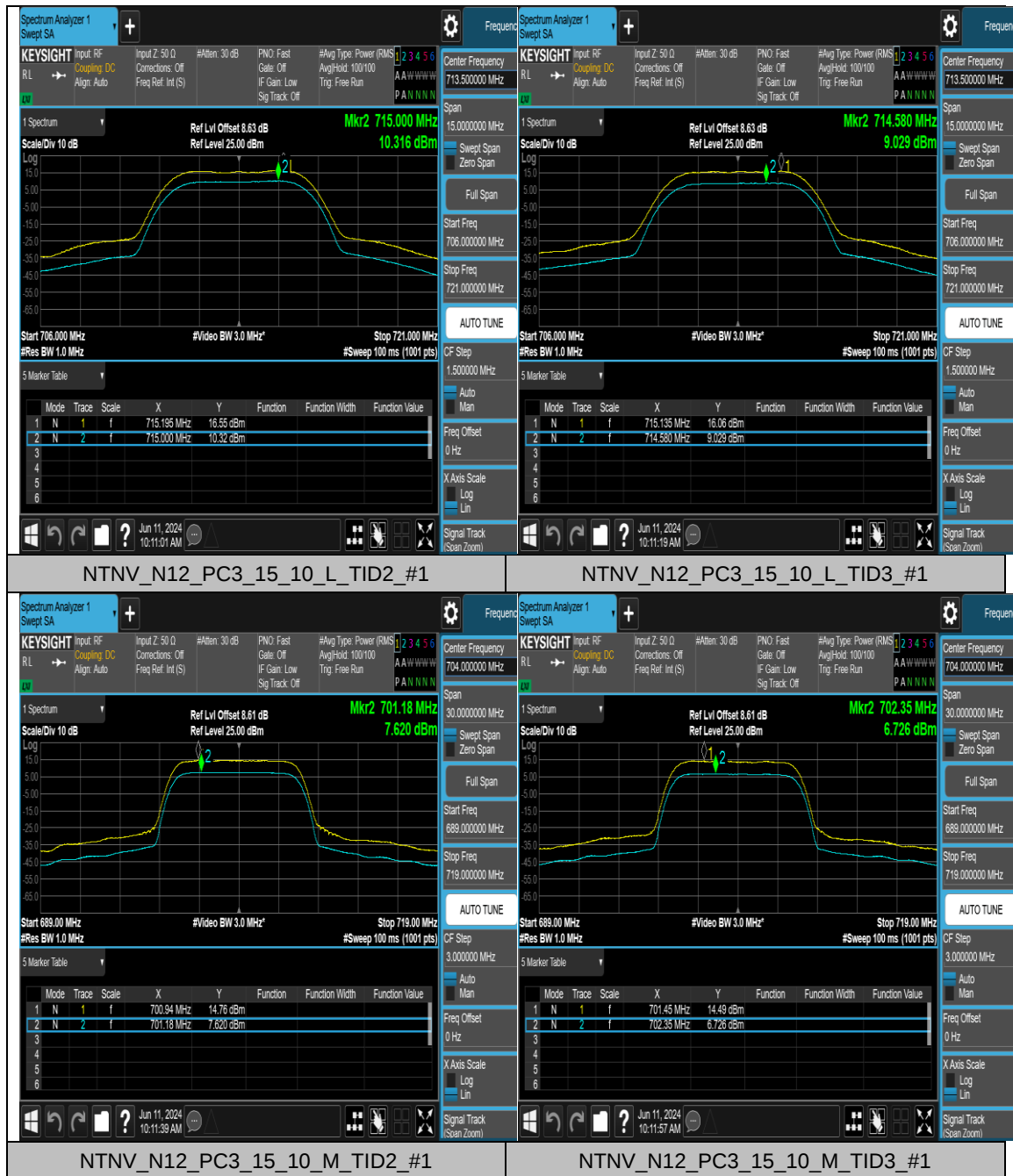
Peak-to-Average Ratio(PAPR)

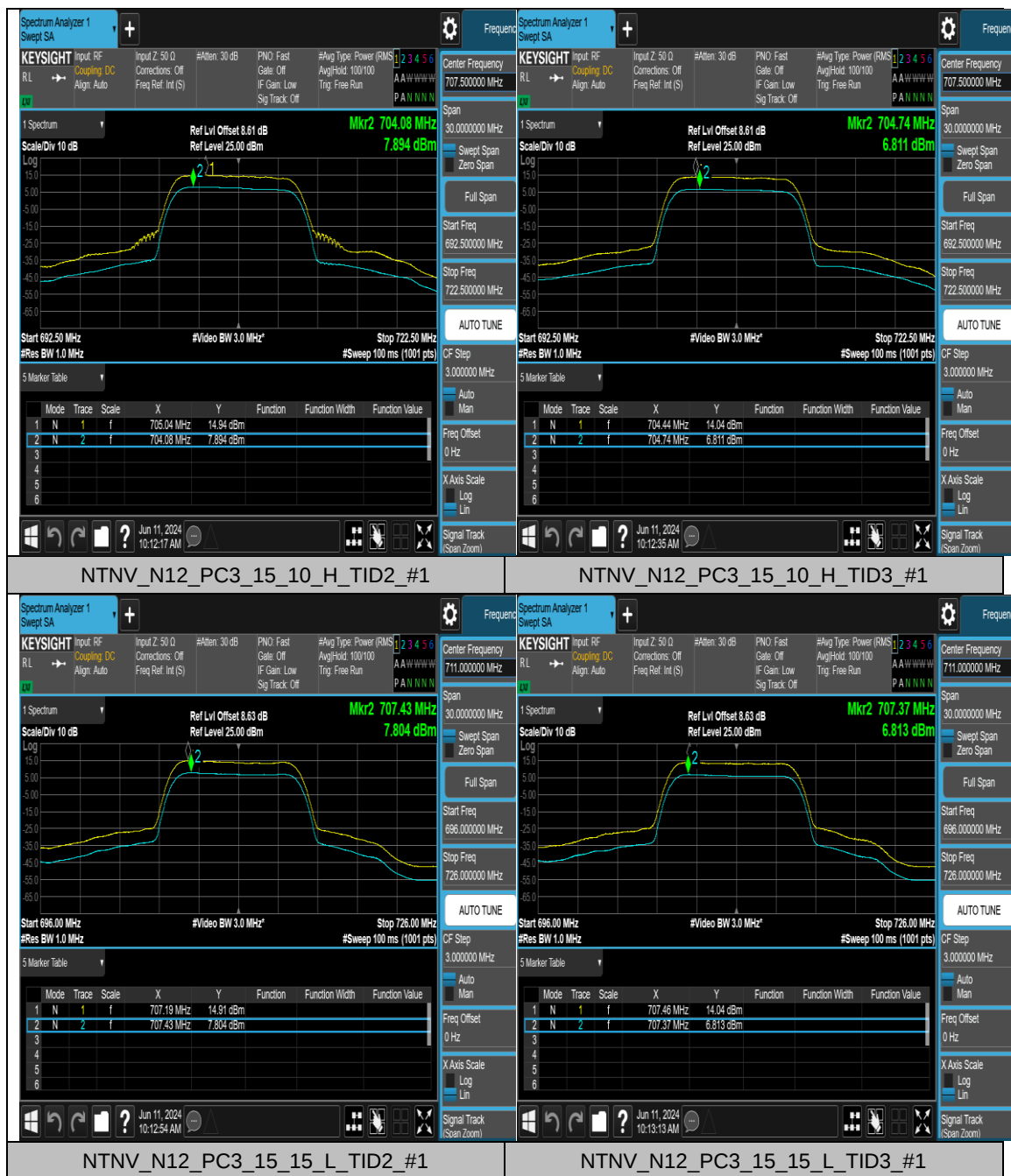
Test Result

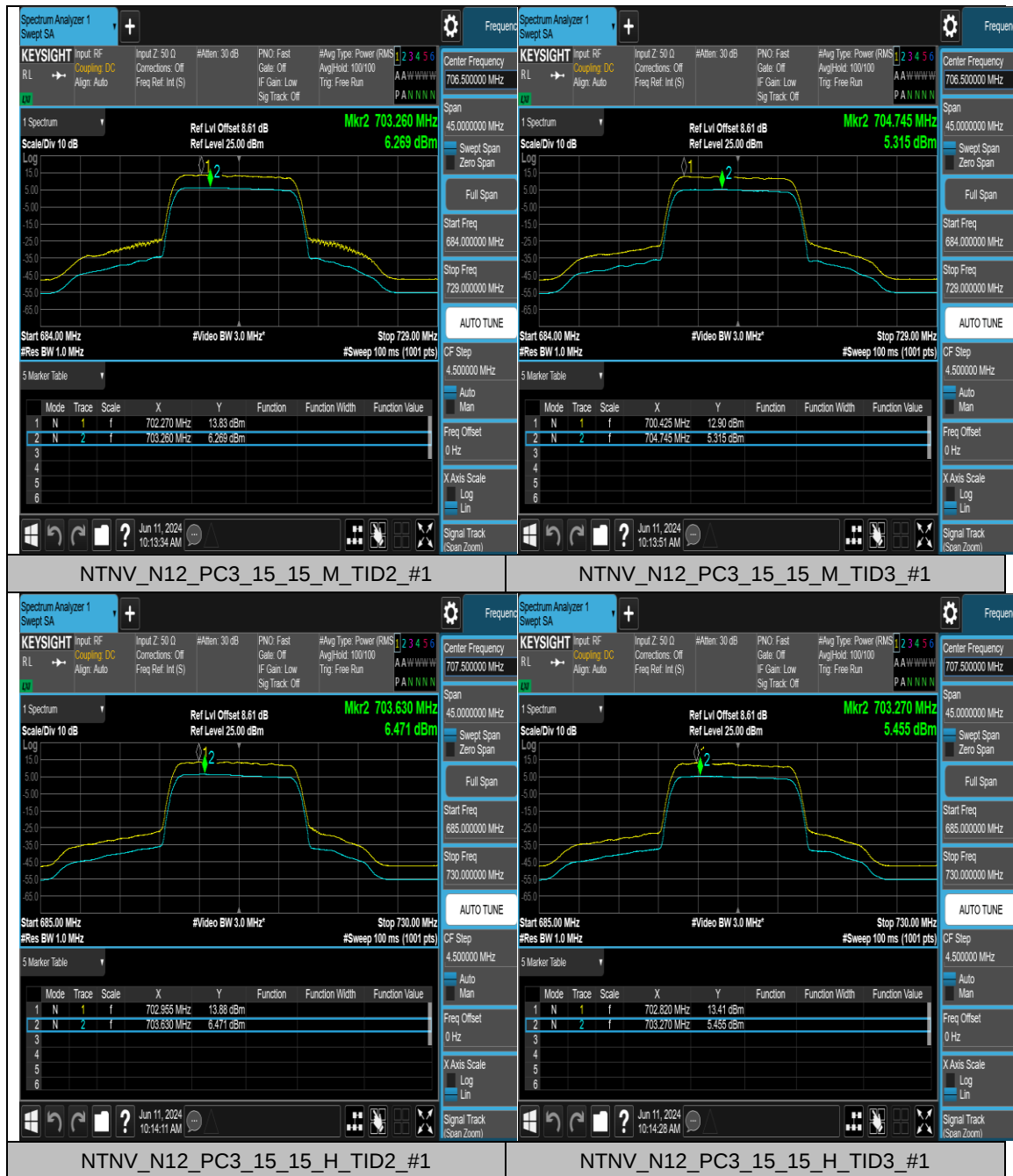
Band	SCS	Bandwidth h	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N12	15	5	DFT-QPSK	L	Outer_Full	100%	0.00	6.38	≤13	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	100%	0.00	6.63	≤13	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	100%	0.00	6.06	≤13	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	100%	0.00	6.77	≤13	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	100%	0.00	6.23	≤13	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	100%	0.00	7.03	≤13	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	100%	0.00	7.14	≤13	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	100%	0.00	7.76	≤13	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	100%	0.00	7.05	≤13	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	100%	0.00	7.23	≤13	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	100%	0.00	7.11	≤13	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	100%	0.00	7.24	≤13	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	100%	0.00	7.56	≤13	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	100%	0.00	7.58	≤13	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	100%	0.00	7.41	≤13	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	100%	0.00	7.95	≤13	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	100%	0.00	7.46	≤13	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	100%	0.00	7.83	≤13	PASS

Test Graphs









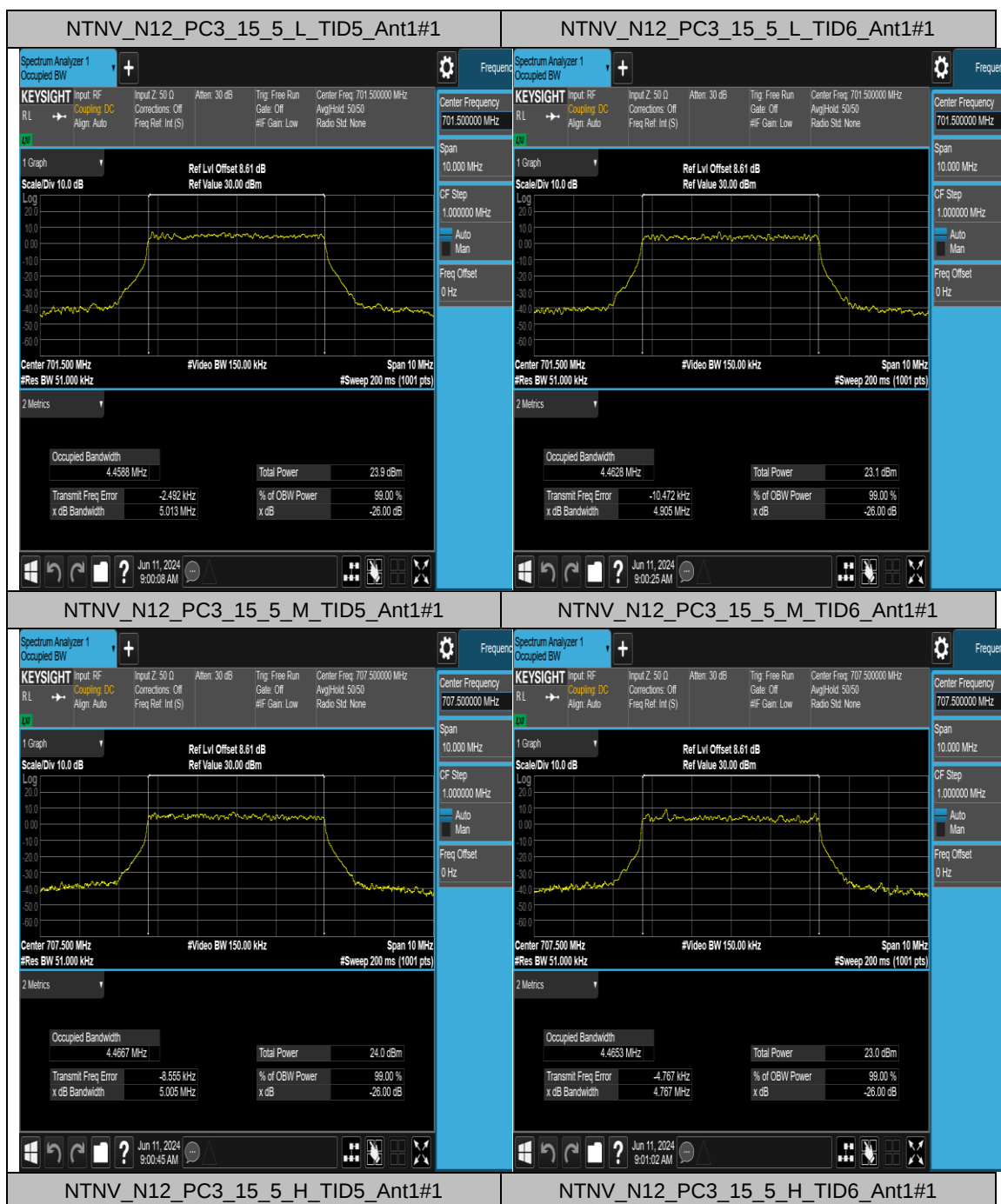


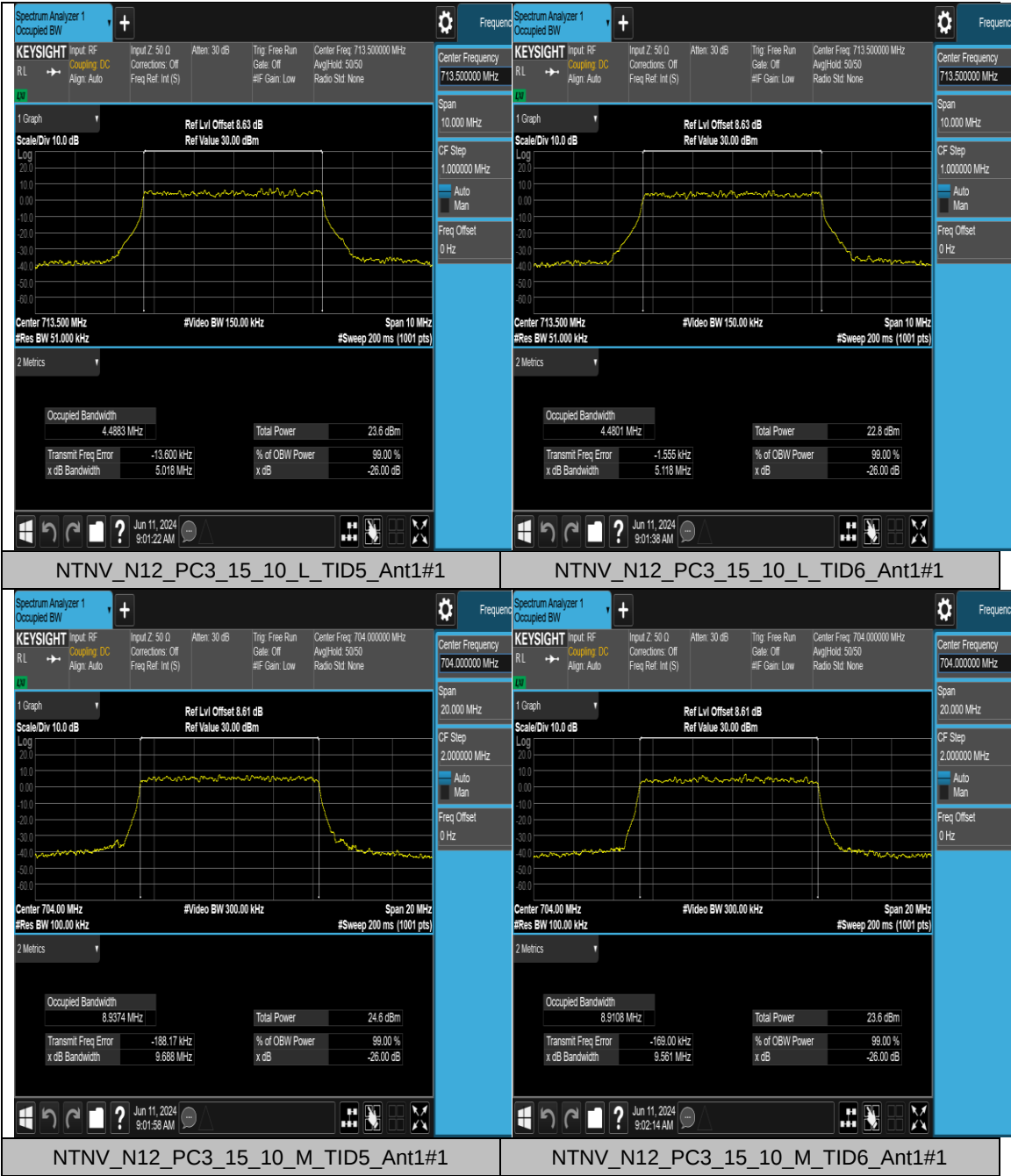
Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

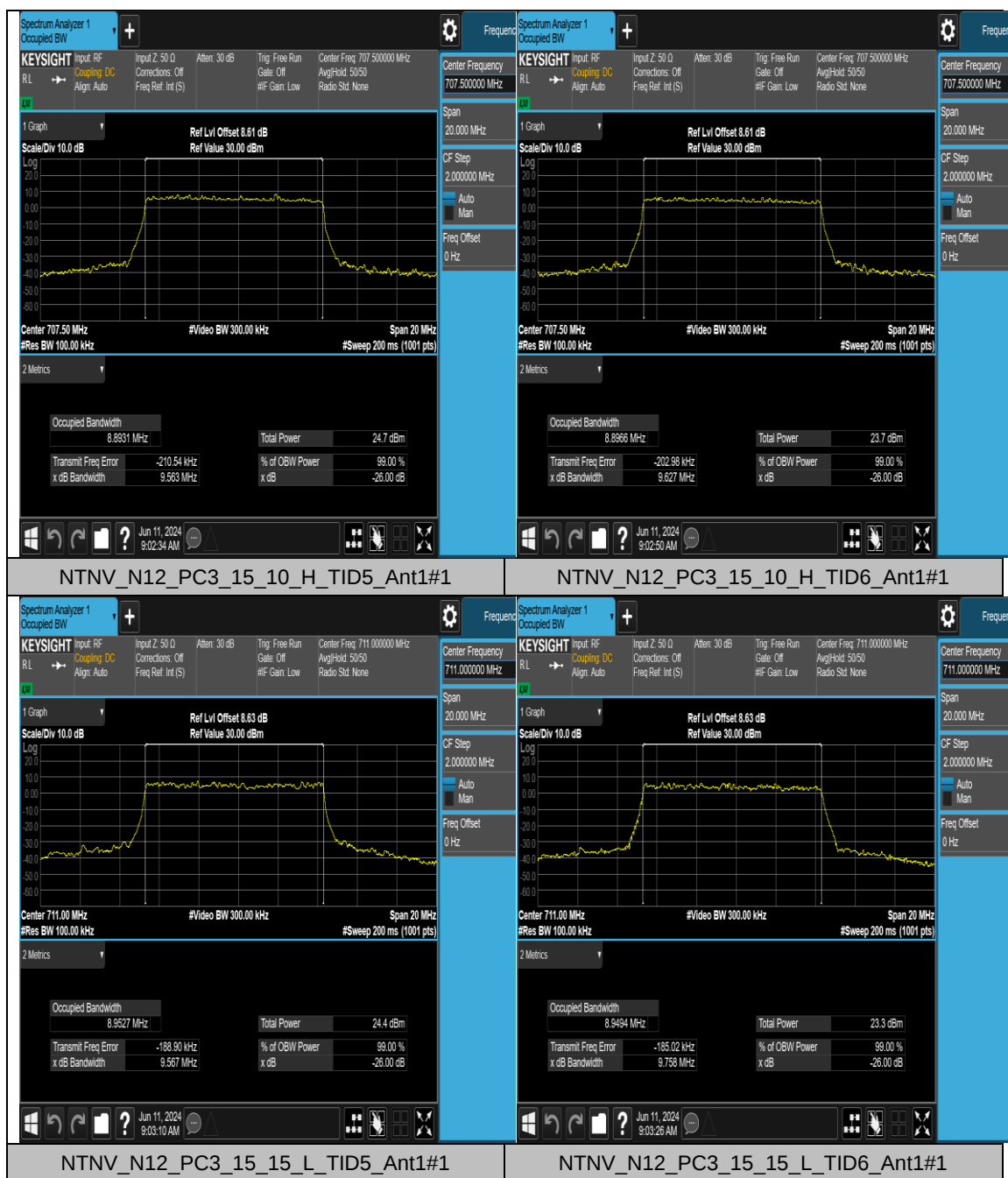
Test Result

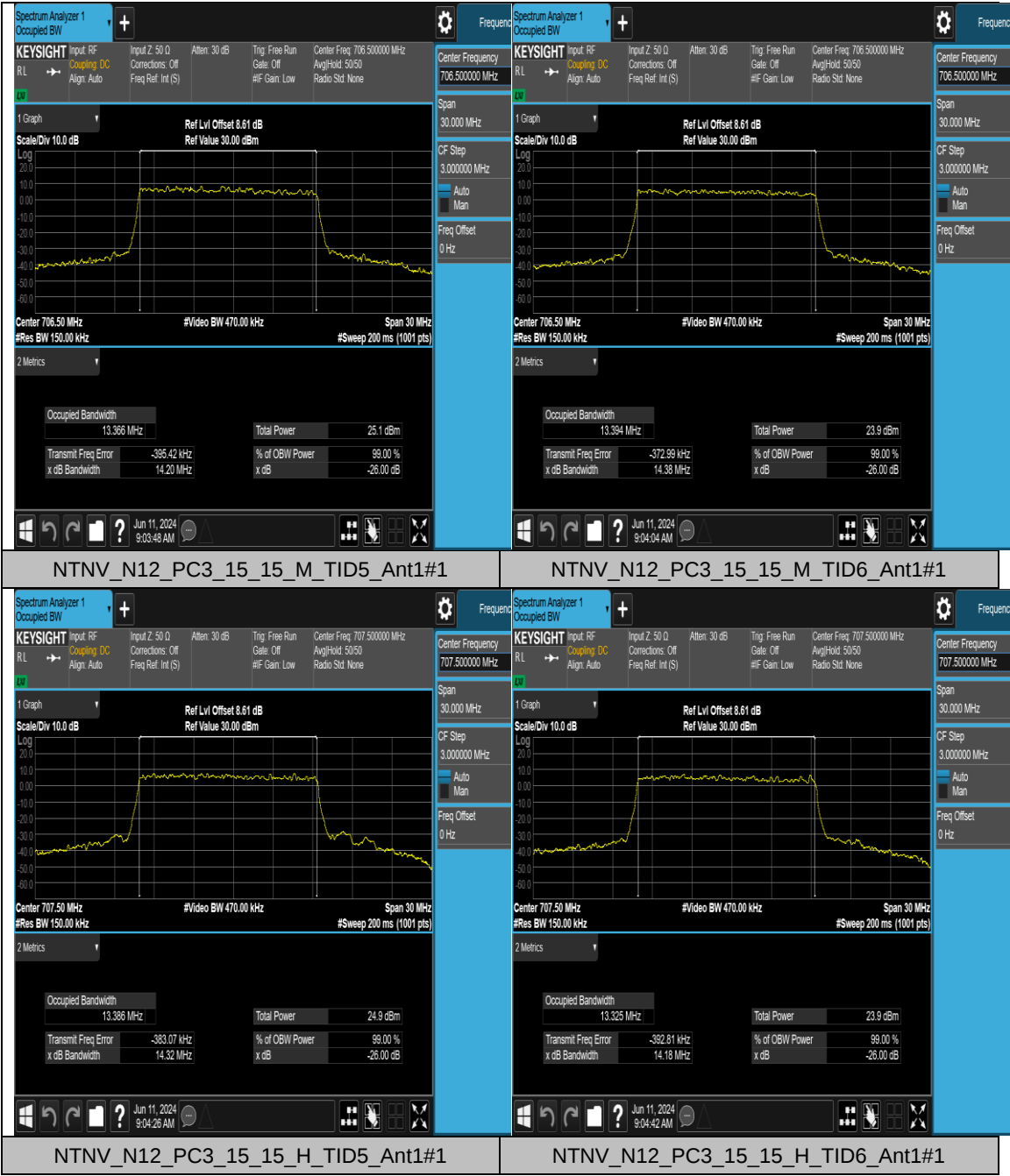
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N12	15	5	DFT-QPSK	L	Outer_Full	4.4588	5.013	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	4.4628	4.905	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	4.4667	5.005	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	4.4653	4.767	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	4.4883	5.018	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	4.4801	5.118	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	8.9374	9.688	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	8.9108	9.561	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	8.8931	9.563	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	8.8966	9.627	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	8.9527	9.567	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	8.9494	9.758	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	13.366	14.20	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	13.394	14.38	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	13.386	14.32	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	13.325	14.18	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	13.382	14.31	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	13.438	14.42	PASS

Test Graphs











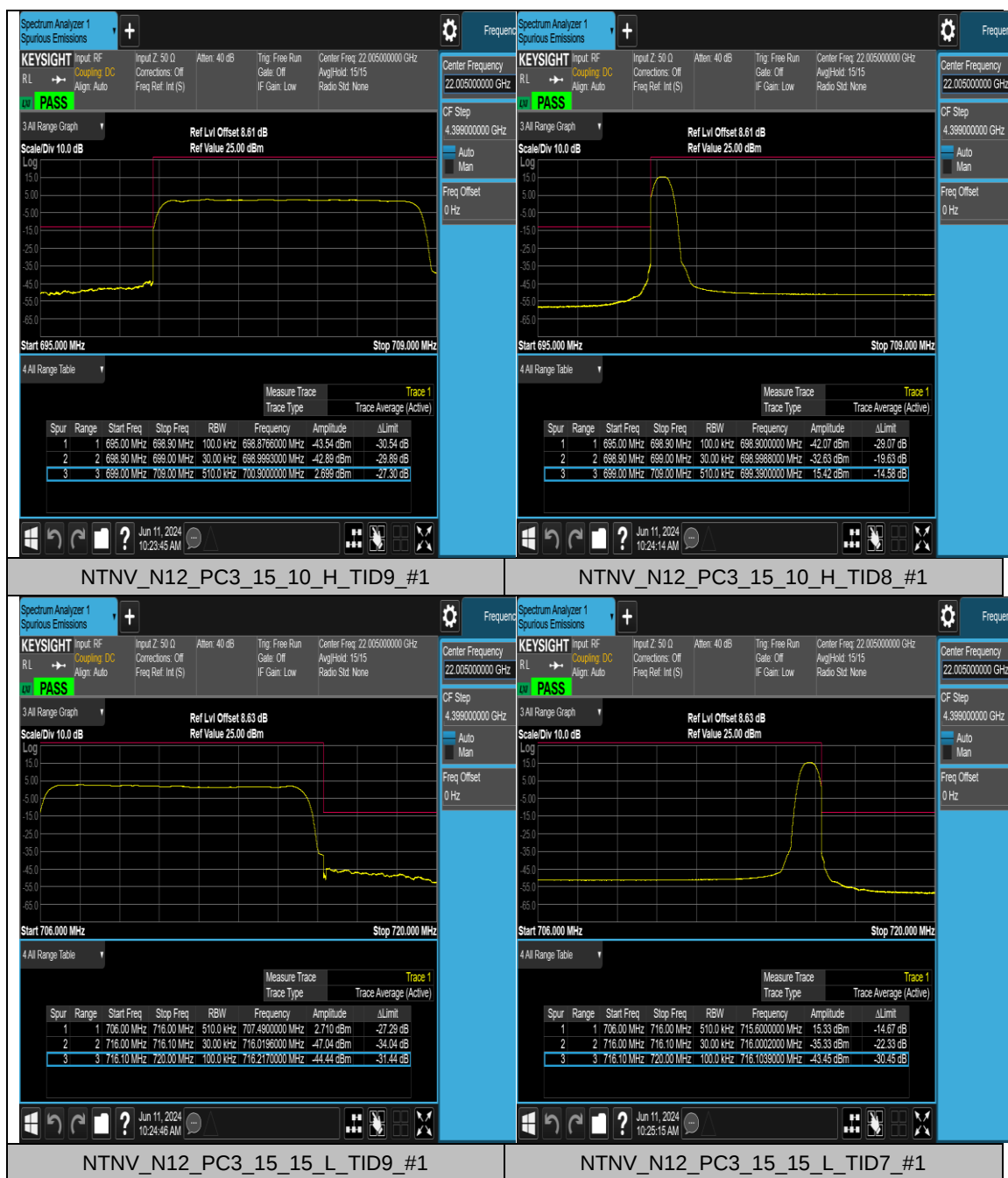
Appendix D: Band Edge for SA

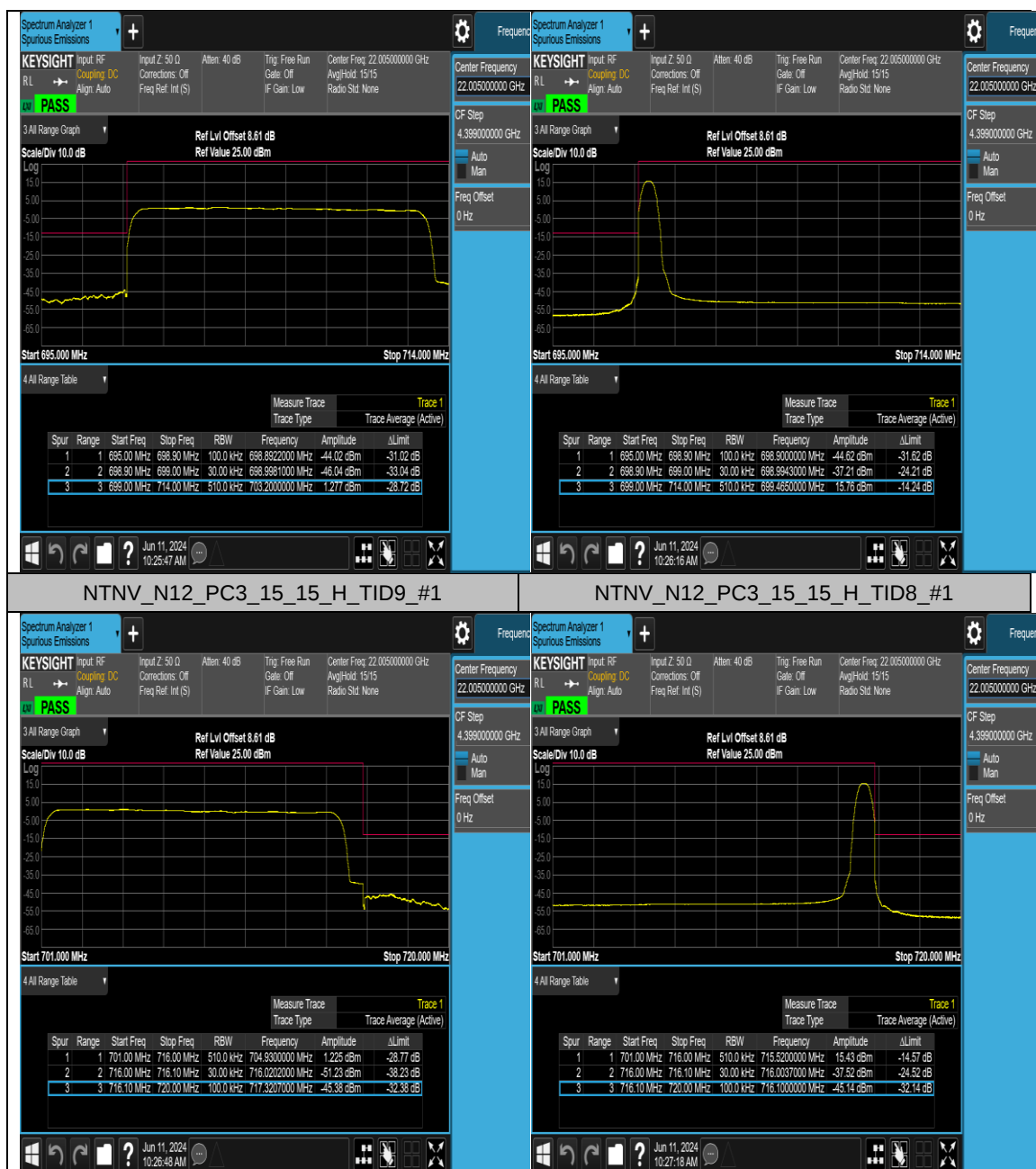
Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Verdict
N12	15	5	DFT-QPSK	L	Outer_Full	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	PASS

Test Graphs







Appendix E: Conducted Spurious Emission for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N12	15	5	DFT-QPSK	L	Outer_Full	0.009	0.15	-62.78	-33	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	0.15	30	-72.06	-23	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	30	1000	-49.04	-13	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	1000	3000	-36.52	-13	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	3000	12000	-44.28	-13	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	12000	20000	-45.54	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-63.32	-33	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-71.01	-23	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-51.82	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-36.59	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-44.16	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	12000	20000	-45.59	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-61.86	-33	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-71.63	-23	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	30	1000	-52.04	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-36.45	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-44.17	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	12000	20000	-45.49	-13	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	0.009	0.15	-62.51	-33	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	0.15	30	-73.24	-23	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	30	1000	-48.57	-13	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	1000	3000	-36.56	-13	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	3000	12000	-44.13	-13	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	12000	20000	-45.58	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	0.009	0.15	-62.24	-33	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	0.15	30	-70.59	-23	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	30	1000	-52.29	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	1000	3000	-36.54	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	3000	12000	-44.21	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	0.009	0.15	-62.51	-33	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	0.15	30	-71.66	-23	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	30	1000	-52.03	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	1000	3000	-36.53	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	3000	12000	-44.26	-13	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	0.009	0.15	-61.74	-33	PASS

N12	15	5	DFT-QPSK	M	Outer_Full	0.15	30	-73.94	-23	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	30	1000	-51.42	-13	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	1000	3000	-36.53	-13	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	3000	12000	-44.15	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-61.94	-33	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-71.96	-23	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-52.28	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-36.41	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-44.22	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-62.44	-33	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-72.72	-23	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Right	30	1000	-51.34	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-36.62	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-43.95	-13	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	0.009	0.15	-63.53	-33	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	0.15	30	-73.23	-23	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	30	1000	-51.55	-13	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	1000	3000	-36.45	-13	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	3000	12000	-44.28	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	0.009	0.15	-62.79	-33	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	0.15	30	-70.99	-23	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	30	1000	-52.04	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	1000	3000	-36.52	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	3000	12000	-44.00	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	0.009	0.15	-62.29	-33	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	0.15	30	-71.82	-23	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	30	1000	-52.18	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	1000	3000	-36.56	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	3000	12000	-43.97	-13	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	0.009	0.15	-63.29	-33	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	0.15	30	-71.68	-23	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	30	1000	-47.96	-13	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	1000	3000	-36.57	-13	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	3000	12000	-44.22	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-62.24	-33	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-71.50	-23	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-51.40	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-36.55	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-44.14	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-61.73	-33	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-71.78	-23	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	30	1000	-52.27	-13	PASS

N12	15	5	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-36.43	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-44.03	-13	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	0.009	0.15	-61.75	-33	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	0.15	30	-71.89	-23	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	30	1000	-48.59	-13	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	1000	3000	-36.56	-13	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	3000	12000	-44.23	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	0.009	0.15	-61.96	-33	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	0.15	30	-71.14	-23	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	30	1000	-52.17	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	1000	3000	-36.48	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	3000	12000	-44.24	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	0.009	0.15	-62.68	-33	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	0.15	30	-71.82	-23	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	30	1000	-51.73	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	1000	3000	-36.46	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	3000	12000	-44.07	-13	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	0.009	0.15	-62.26	-33	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	0.15	30	-72.60	-23	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	30	1000	-48.14	-13	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	1000	3000	-36.52	-13	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	3000	12000	-44.20	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-61.81	-33	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-71.08	-23	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-51.70	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-36.42	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-44.19	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-63.25	-33	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-72.53	-23	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	30	1000	-51.95	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-36.58	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-44.14	-13	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	0.009	0.15	-62.15	-33	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	0.15	30	-72.63	-23	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	30	1000	-48.31	-13	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	1000	3000	-36.59	-13	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	3000	12000	-44.12	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left	0.009	0.15	-62.18	-33	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left	0.15	30	-70.70	-23	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left	30	1000	-52.27	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left	1000	3000	-36.47	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left	3000	12000	-44.19	-13	PASS

N12	15	10	DFT-16QAM	L	Edge_1RB_Right	0.009	0.15	-62.50	-33	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	0.15	30	-73.45	-23	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	30	1000	-51.61	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	1000	3000	-36.51	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	3000	12000	-44.11	-13	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	0.009	0.15	-62.39	-33	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	0.15	30	-70.80	-23	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	30	1000	-50.53	-13	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	1000	3000	-36.51	-13	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	3000	12000	-44.07	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-61.48	-33	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-69.98	-23	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-51.53	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-36.38	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-44.30	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-61.84	-33	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-72.16	-23	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Right	30	1000	-51.14	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-36.52	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-44.19	-13	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	0.009	0.15	-63.17	-33	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	0.15	30	-71.38	-23	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	30	1000	-50.69	-13	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	1000	3000	-36.50	-13	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	3000	12000	-44.09	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	0.009	0.15	-62.95	-33	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	0.15	30	-72.42	-23	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	30	1000	-52.33	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	1000	3000	-36.42	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	3000	12000	-44.05	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	0.009	0.15	-62.68	-33	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	0.15	30	-72.74	-23	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	30	1000	-51.19	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	1000	3000	-36.47	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	3000	12000	-44.17	-13	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	0.009	0.15	-62.33	-33	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	0.15	30	-71.26	-23	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	30	1000	-48.35	-13	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	1000	3000	-36.48	-13	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	3000	12000	-43.99	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-62.92	-33	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-70.68	-23	PASS

N12	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-52.11	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-36.41	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-43.87	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-63.07	-33	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-69.10	-23	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	30	1000	-51.14	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-36.51	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-44.13	-13	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	0.009	0.15	-63.16	-33	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	0.15	30	-73.06	-23	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	30	1000	-48.68	-13	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	1000	3000	-36.49	-13	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	3000	12000	-44.15	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	0.009	0.15	-62.69	-33	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	0.15	30	-72.91	-23	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	30	1000	-51.87	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	1000	3000	-36.28	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	3000	12000	-44.22	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	0.009	0.15	-62.63	-33	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	0.15	30	-70.87	-23	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	30	1000	-51.64	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	1000	3000	-36.47	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	3000	12000	-44.26	-13	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	0.009	0.15	-63.11	-33	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	0.15	30	-72.42	-23	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	30	1000	-45.00	-13	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	1000	3000	-36.52	-13	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	3000	12000	-44.28	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-62.15	-33	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-70.33	-23	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-51.90	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-36.42	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-44.13	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-62.25	-33	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-69.88	-23	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	30	1000	-52.09	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-36.50	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-44.11	-13	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	0.009	0.15	-61.19	-33	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	0.15	30	-72.49	-23	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	30	1000	-46.63	-13	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	1000	3000	-36.45	-13	PASS

N12	15	15	DFT-16QAM	L	Outer_Full	3000	12000	-44.13	-13	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	0.009	0.15	-62.98	-33	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	0.15	30	-71.76	-23	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	30	1000	-52.24	-13	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	1000	3000	-36.41	-13	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	3000	12000	-44.24	-13	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	0.009	0.15	-62.60	-33	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	0.15	30	-70.98	-23	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	30	1000	-51.96	-13	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	1000	3000	-36.53	-13	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	3000	12000	-44.13	-13	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	0.009	0.15	-62.76	-33	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	0.15	30	-72.19	-23	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	30	1000	-46.61	-13	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	1000	3000	-36.52	-13	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	3000	12000	-44.14	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-62.83	-33	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-71.94	-23	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-51.94	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-36.54	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-44.14	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-62.03	-33	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-72.48	-23	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	30	1000	-52.19	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-36.44	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-44.15	-13	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	0.009	0.15	-62.59	-33	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	0.15	30	-72.82	-23	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	30	1000	-47.84	-13	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	1000	3000	-36.45	-13	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	3000	12000	-43.89	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	0.009	0.15	-63.02	-33	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	0.15	30	-70.82	-23	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	30	1000	-52.39	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	1000	3000	-36.60	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	3000	12000	-44.09	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	0.009	0.15	-61.98	-33	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	0.15	30	-73.07	-23	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	30	1000	-51.97	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	1000	3000	-36.55	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	3000	12000	-44.25	-13	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	0.009	0.15	-62.33	-33	PASS

N12	15	15	DFT-QPSK	H	Outer_Full	0.15	30	-72.43	-23	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	30	1000	-46.34	-13	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	1000	3000	-36.53	-13	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	3000	12000	-44.07	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-62.55	-33	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-72.09	-23	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-52.26	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-36.46	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-44.18	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-63.03	-33	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-72.12	-23	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	30	1000	-51.94	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-36.47	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-44.12	-13	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	0.009	0.15	-63.06	-33	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	0.15	30	-71.20	-23	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	30	1000	-47.50	-13	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	1000	3000	-36.53	-13	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	3000	12000	-44.26	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	0.009	0.15	-62.41	-33	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	0.15	30	-71.11	-23	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	30	1000	-52.31	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	1000	3000	-36.44	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	3000	12000	-44.20	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	0.009	0.15	-61.89	-33	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	0.15	30	-70.61	-23	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	30	1000	-52.10	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	1000	3000	-36.45	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	3000	12000	-44.02	-13	PASS

Test Graphs

