

Appendix for N12

Product Name: 5G Window CPE
Model No: TITAN 5100

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	23.26	PC3	PASS
N12	15	5	DFT-QPSK	L	Inner_Full	23.36	PC3	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	23.51	PC3	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	22.92	PC3	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	22.23	PC3	PASS
N12	15	5	DFT-16QAM	L	Inner_Full	23.40	PC3	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	22.11	PC3	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	22.50	PC3	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	22.84	PC3	PASS
N12	15	5	DFT-QPSK	M	Inner_Full	22.78	PC3	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	22.72	PC3	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Right	22.65	PC3	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	21.79	PC3	PASS
N12	15	5	DFT-16QAM	M	Inner_Full	22.66	PC3	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	21.77	PC3	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	22.05	PC3	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	23.03	PC3	PASS
N12	15	5	DFT-QPSK	H	Inner_Full	23.01	PC3	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	22.94	PC3	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	23.27	PC3	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	22.06	PC3	PASS
N12	15	5	DFT-16QAM	H	Inner_Full	22.98	PC3	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	21.91	PC3	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	21.72	PC3	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	23.08	PC3	PASS
N12	15	10	DFT-QPSK	L	Inner_Full	23.07	PC3	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	23.29	PC3	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	22.91	PC3	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	21.99	PC3	PASS
N12	15	10	DFT-16QAM	L	Inner_Full	23.27	PC3	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left	22.42	PC3	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	22.08	PC3	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	23.01	PC3	PASS
N12	15	10	DFT-QPSK	M	Inner_Full	22.87	PC3	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	22.67	PC3	PASS

N12	15	10	DFT-QPSK	M	Edge_1RB_Right	22.94	PC3	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	21.91	PC3	PASS
N12	15	10	DFT-16QAM	M	Inner_Full	22.89	PC3	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	21.32	PC3	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	21.26	PC3	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	22.88	PC3	PASS
N12	15	10	DFT-QPSK	H	Inner_Full	22.86	PC3	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	22.76	PC3	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	22.94	PC3	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	22.02	PC3	PASS
N12	15	10	DFT-16QAM	H	Inner_Full	22.94	PC3	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	21.39	PC3	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	21.78	PC3	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	22.99	PC3	PASS
N12	15	15	DFT-QPSK	L	Inner_Full	22.93	PC3	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	23.24	PC3	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	23.17	PC3	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	22.13	PC3	PASS
N12	15	15	DFT-16QAM	L	Inner_Full	22.94	PC3	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	21.82	PC3	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	22.01	PC3	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	23.08	PC3	PASS
N12	15	15	DFT-QPSK	M	Inner_Full	23.03	PC3	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	23.04	PC3	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	22.93	PC3	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	22.02	PC3	PASS
N12	15	15	DFT-16QAM	M	Inner_Full	22.91	PC3	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	22.34	PC3	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	22.59	PC3	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	22.97	PC3	PASS
N12	15	15	DFT-QPSK	H	Inner_Full	22.90	PC3	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	22.63	PC3	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	23.41	PC3	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	22.00	PC3	PASS
N12	15	15	DFT-16QAM	H	Inner_Full	22.90	PC3	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	21.59	PC3	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	21.87	PC3	PASS

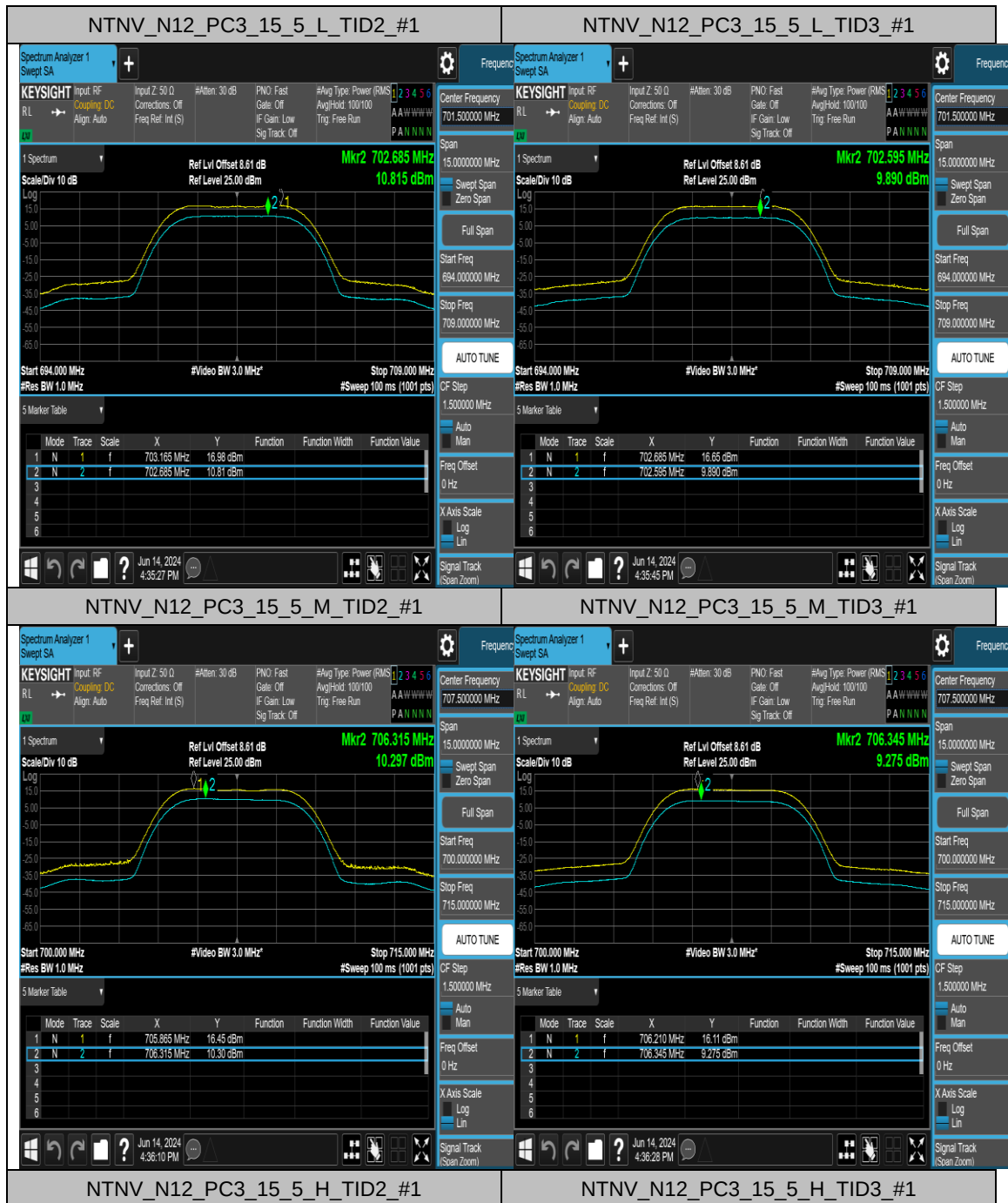
Appendix B: Peak-to-Average Ratio for SA

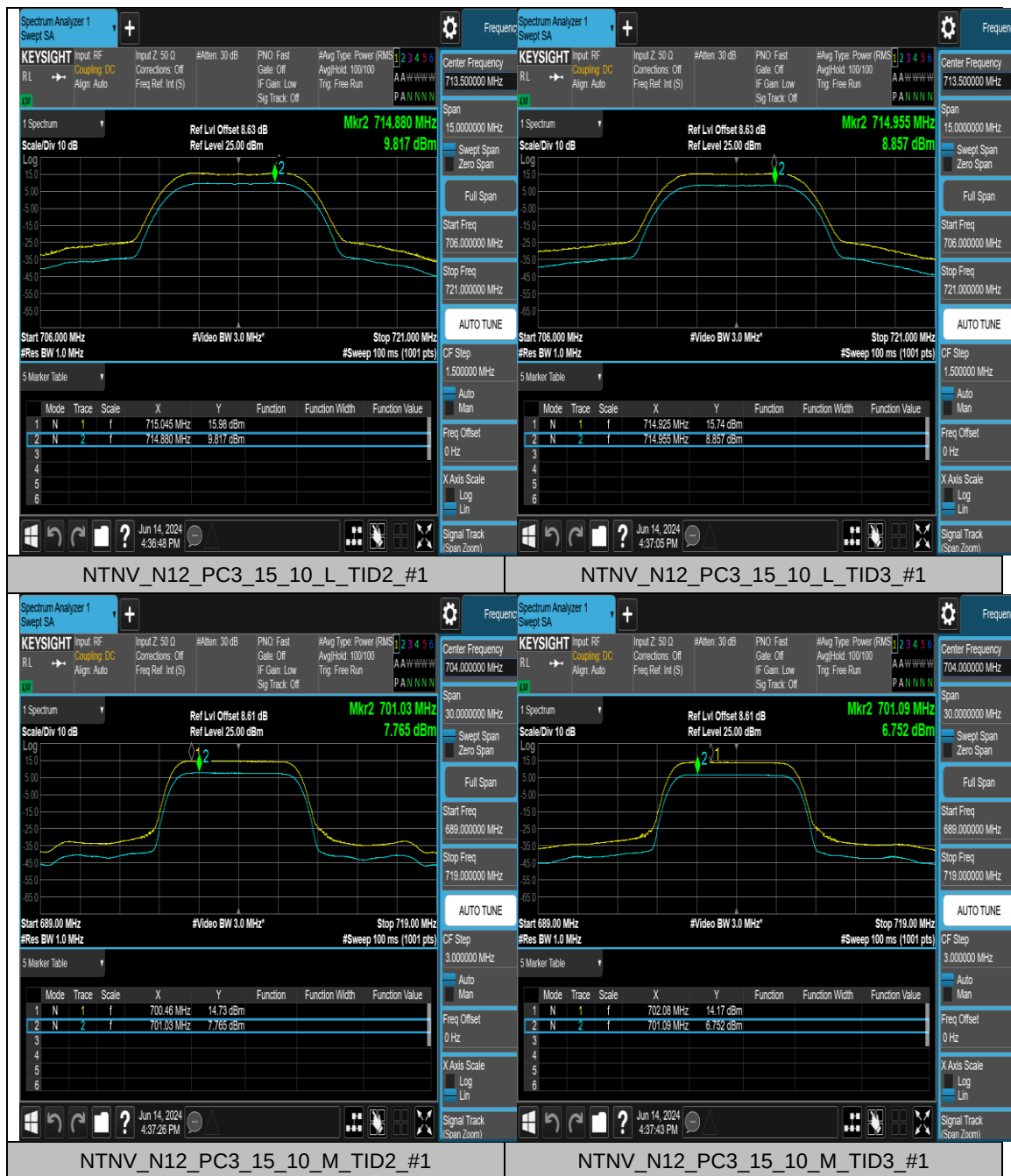
Peak-to-Average Ratio(PAPR)

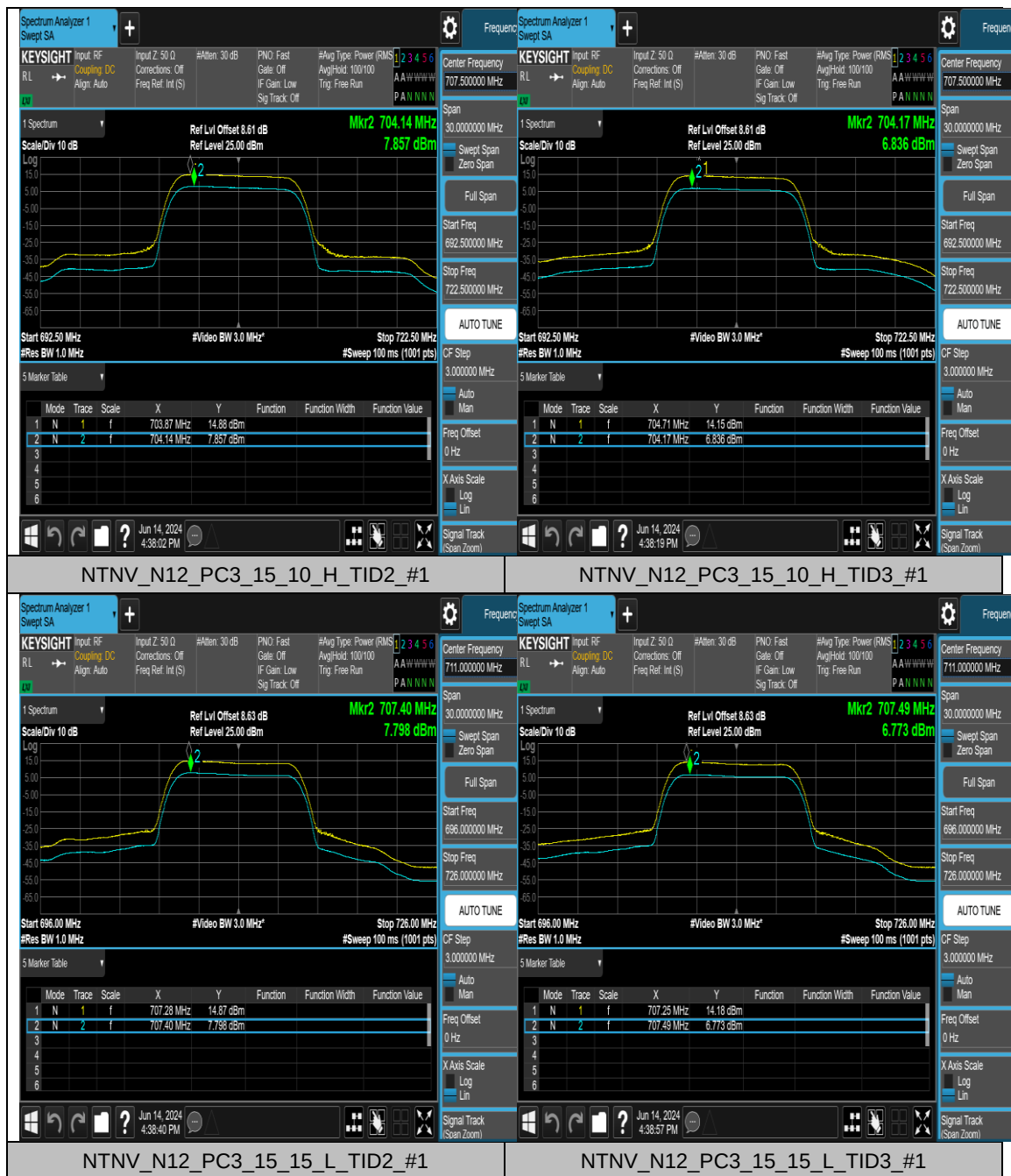
Test Result

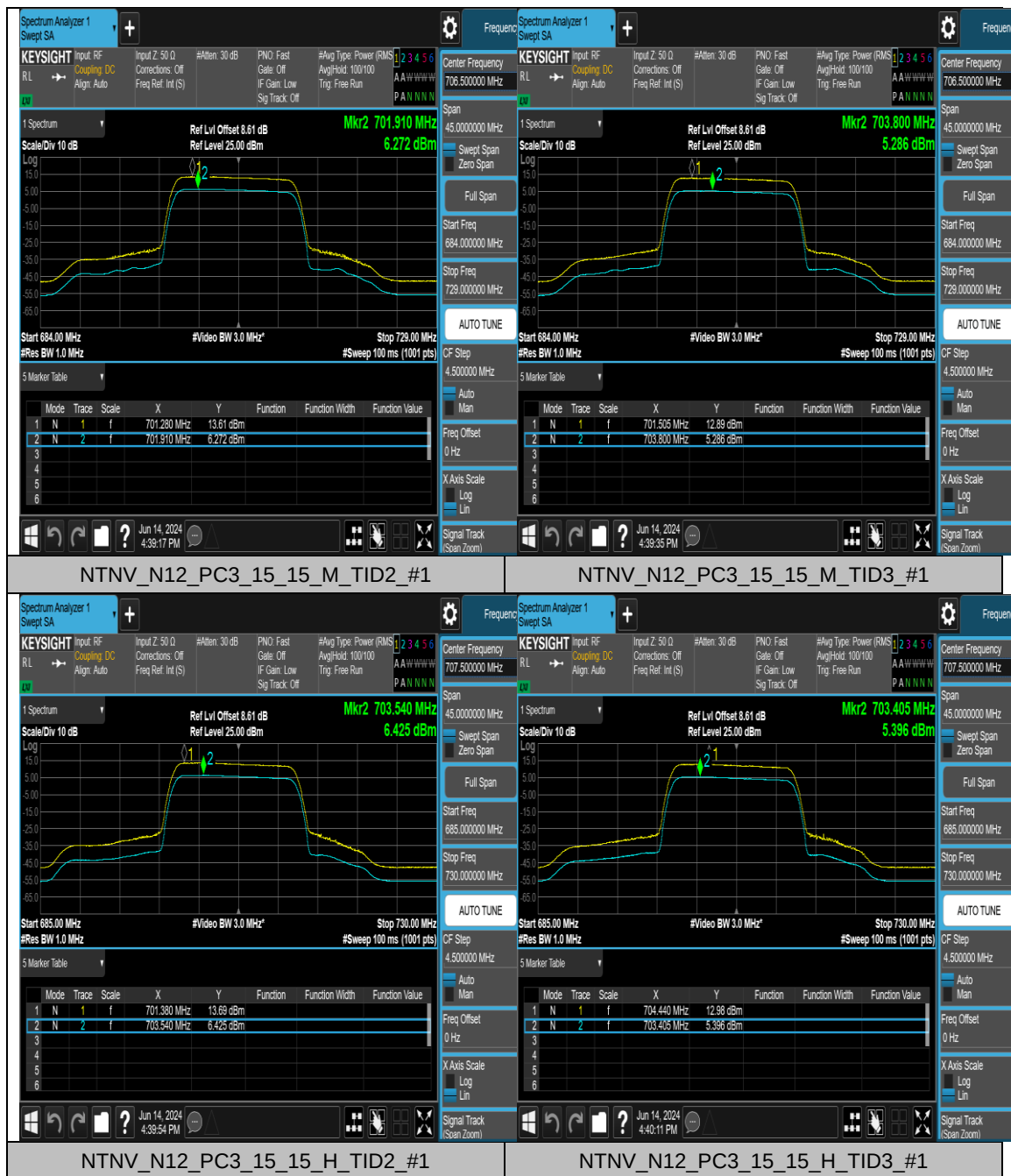
Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N12	15	5	DFT-QPSK	L	Outer_Full	100%	0.00	6.16	≤13	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	100%	0.00	6.76	≤13	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	100%	0.00	6.15	≤13	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	100%	0.00	6.83	≤13	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	100%	0.00	6.16	≤13	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	100%	0.00	6.88	≤13	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	100%	0.00	6.96	≤13	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	100%	0.00	7.42	≤13	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	100%	0.00	7.02	≤13	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	100%	0.00	7.31	≤13	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	100%	0.00	7.07	≤13	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	100%	0.00	7.41	≤13	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	100%	0.00	7.34	≤13	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	100%	0.00	7.60	≤13	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	100%	0.00	7.26	≤13	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	100%	0.00	7.58	≤13	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	100%	0.00	7.39	≤13	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	100%	0.00	7.54	≤13	PASS

Test Graphs









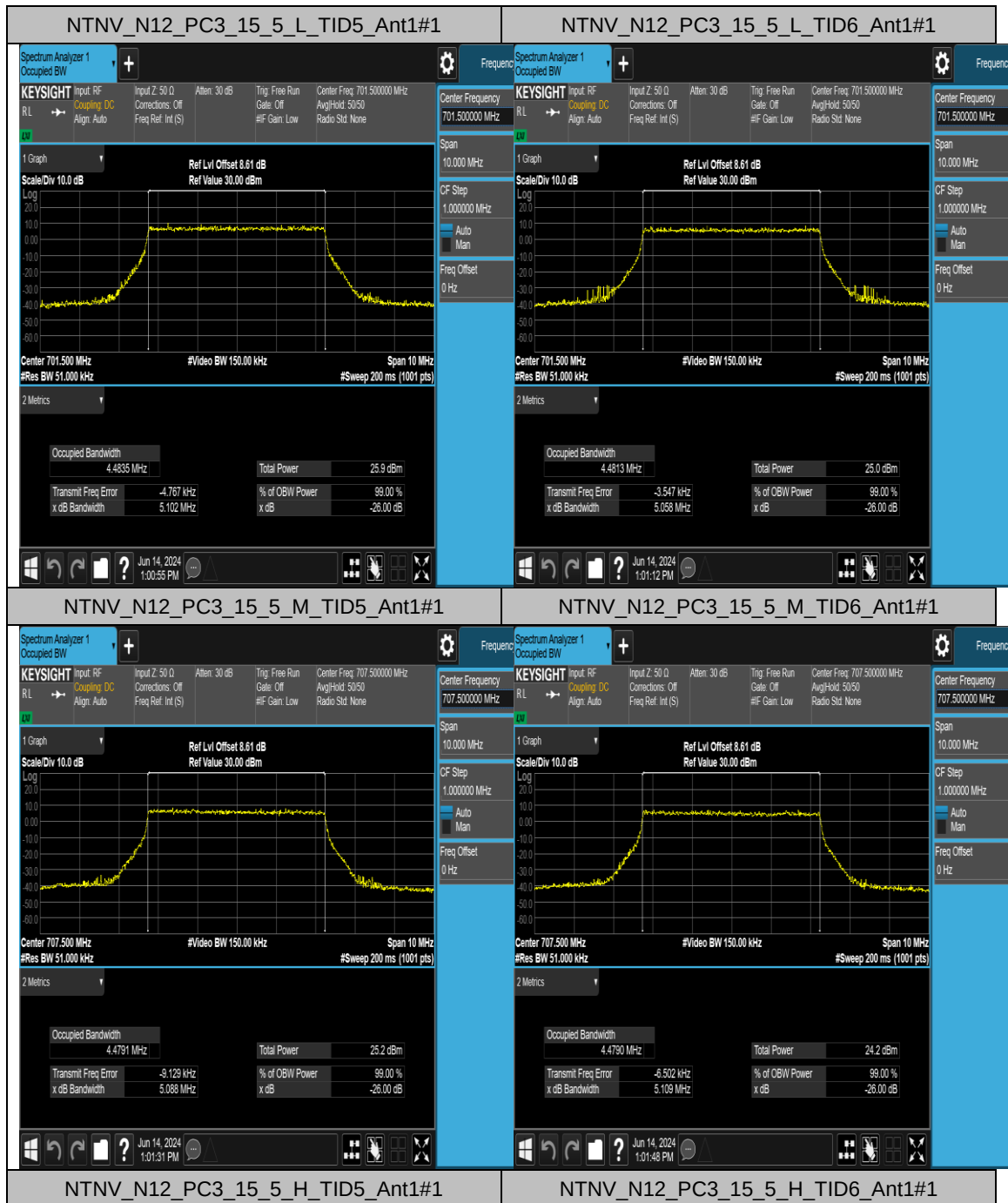


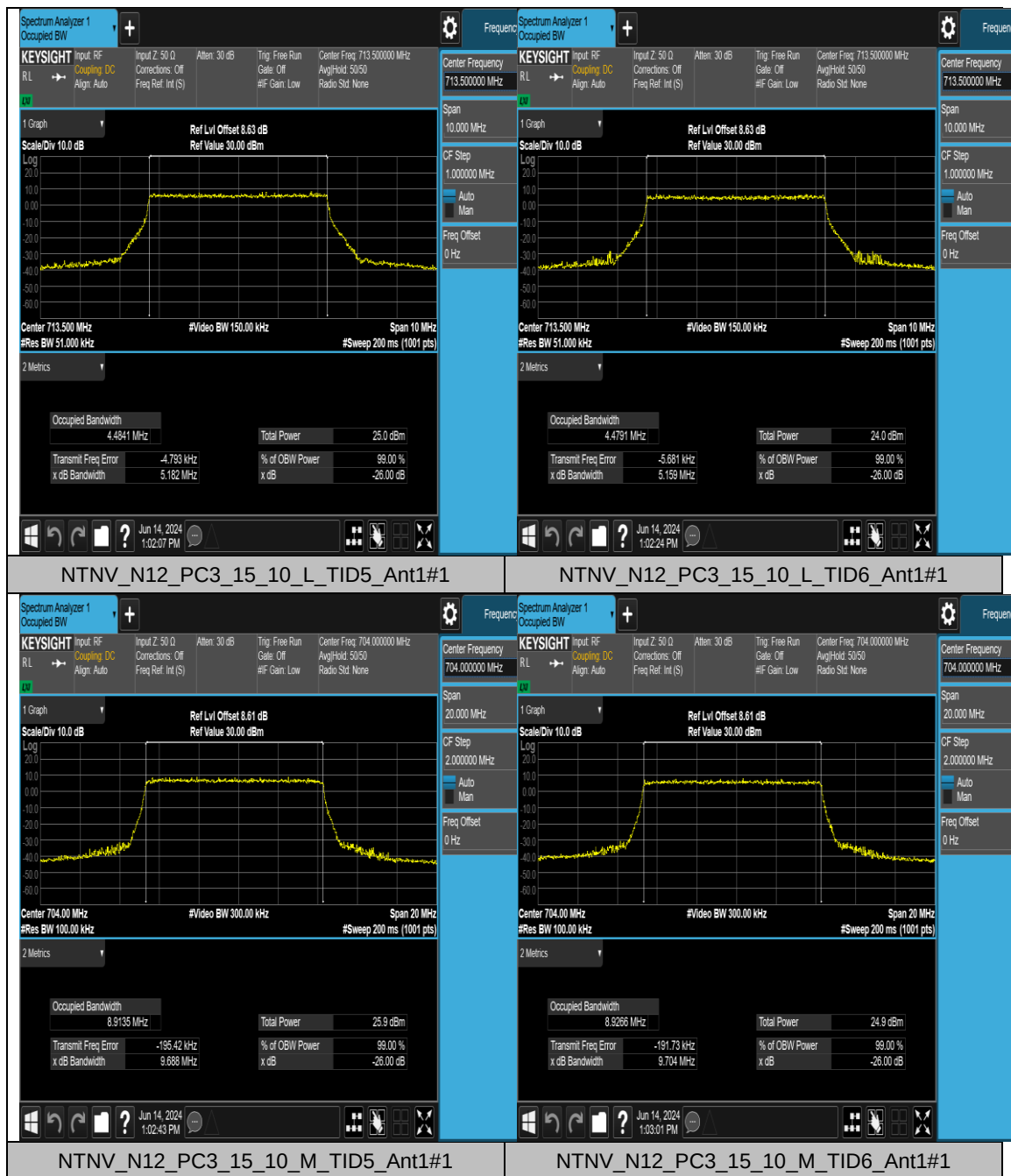
Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

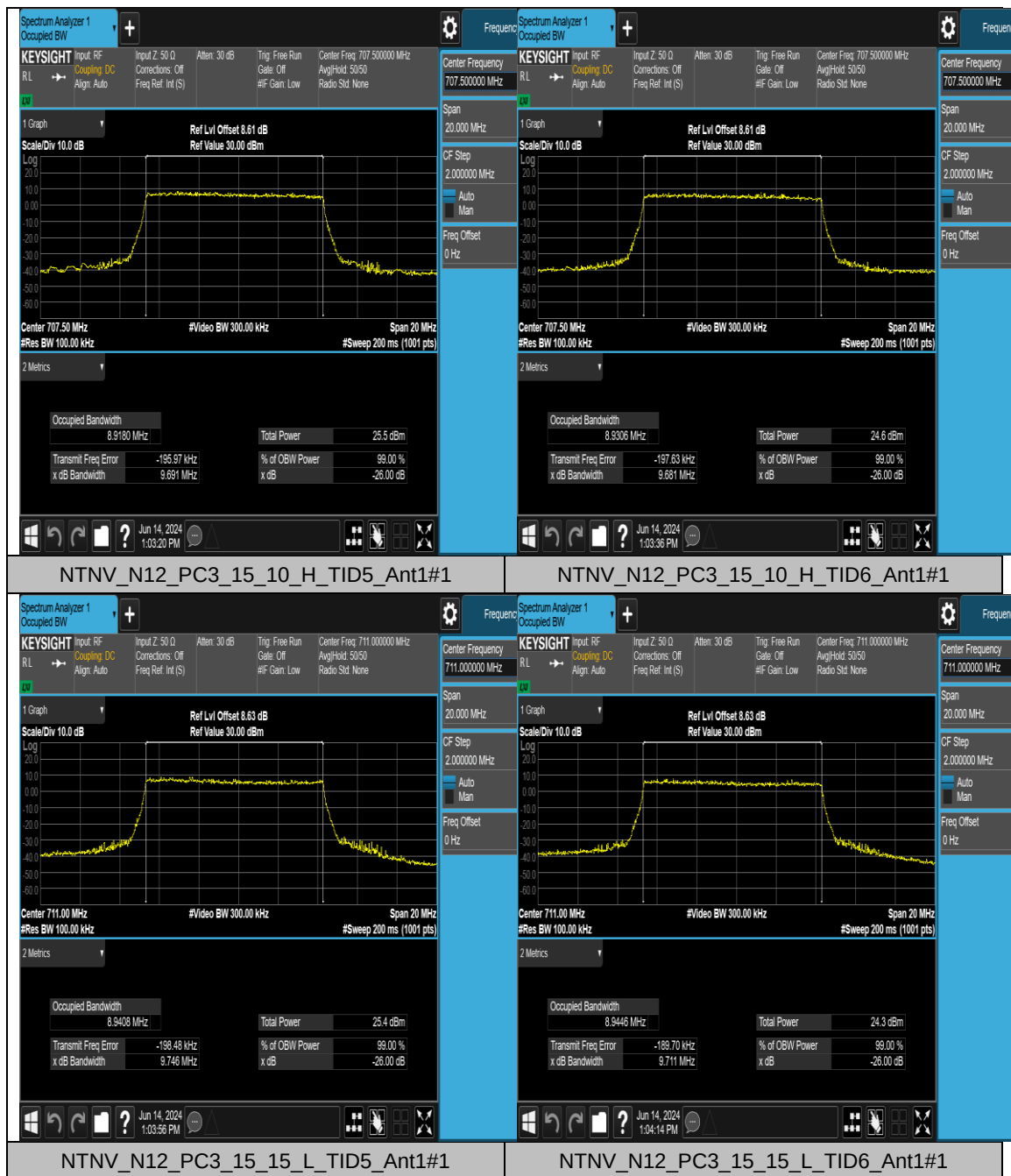
Test Result

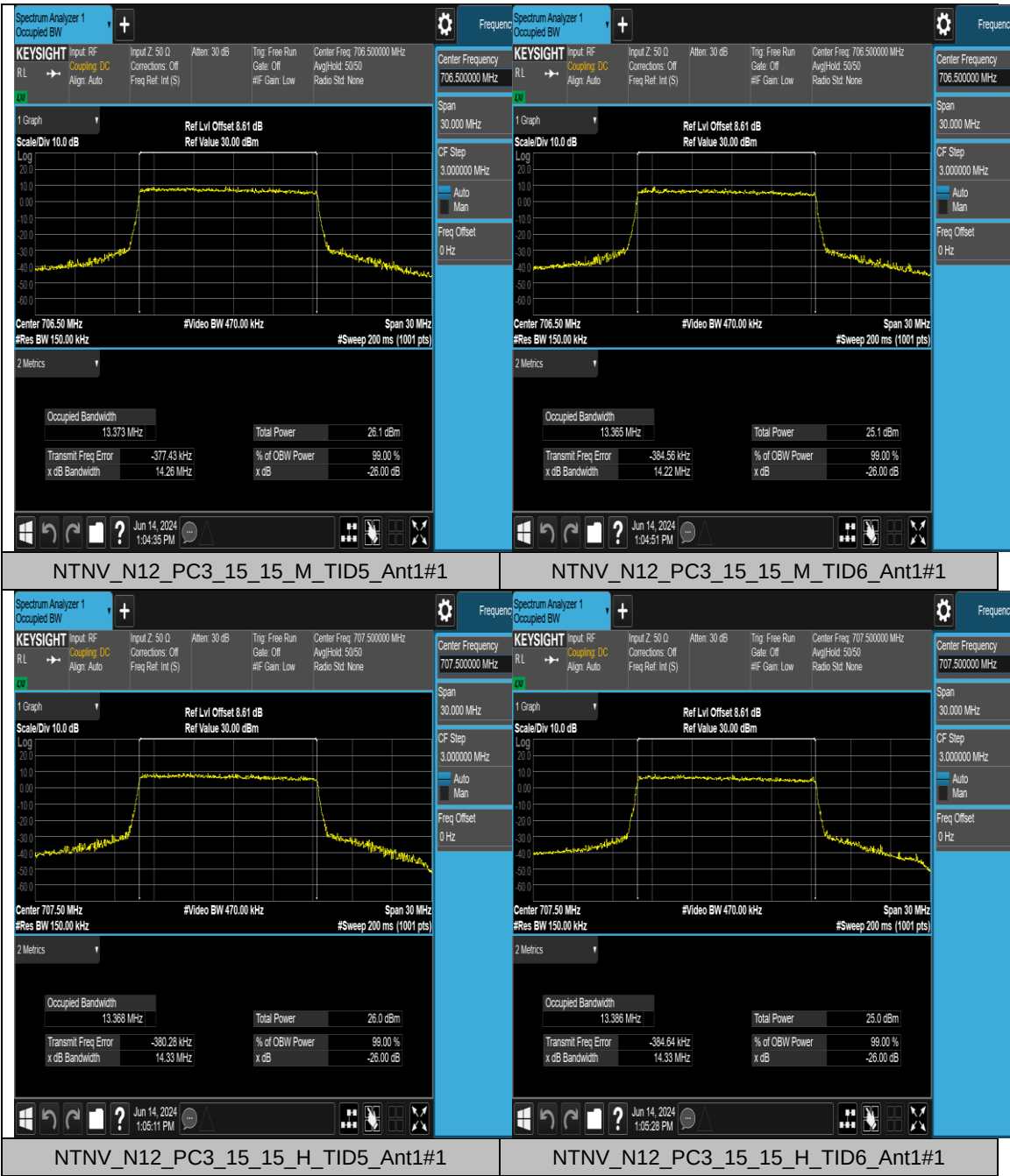
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N12	15	5	DFT-QPSK	L	Outer_Full	4.4835	5.102	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	4.4813	5.058	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	4.4791	5.088	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	4.4790	5.109	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	4.4841	5.182	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	4.4791	5.159	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	8.9135	9.688	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	8.9266	9.704	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	8.9180	9.691	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	8.9306	9.681	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	8.9408	9.746	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	8.9446	9.711	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	13.373	14.26	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	13.365	14.22	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	13.368	14.33	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	13.386	14.33	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	13.404	14.41	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	13.403	14.29	PASS

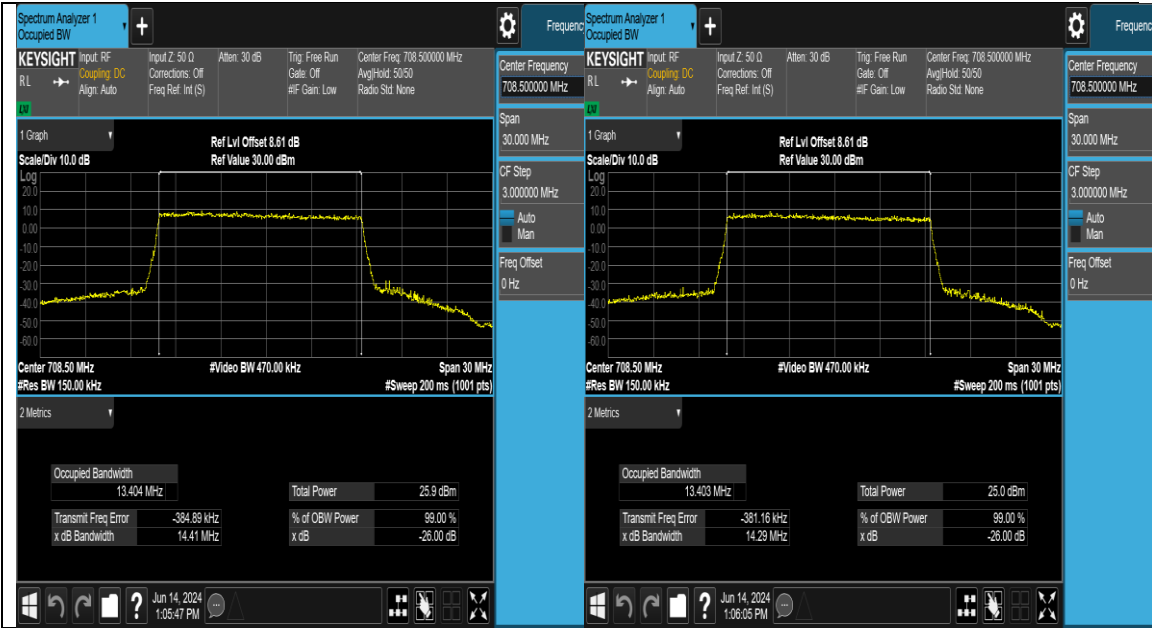
Test Graphs











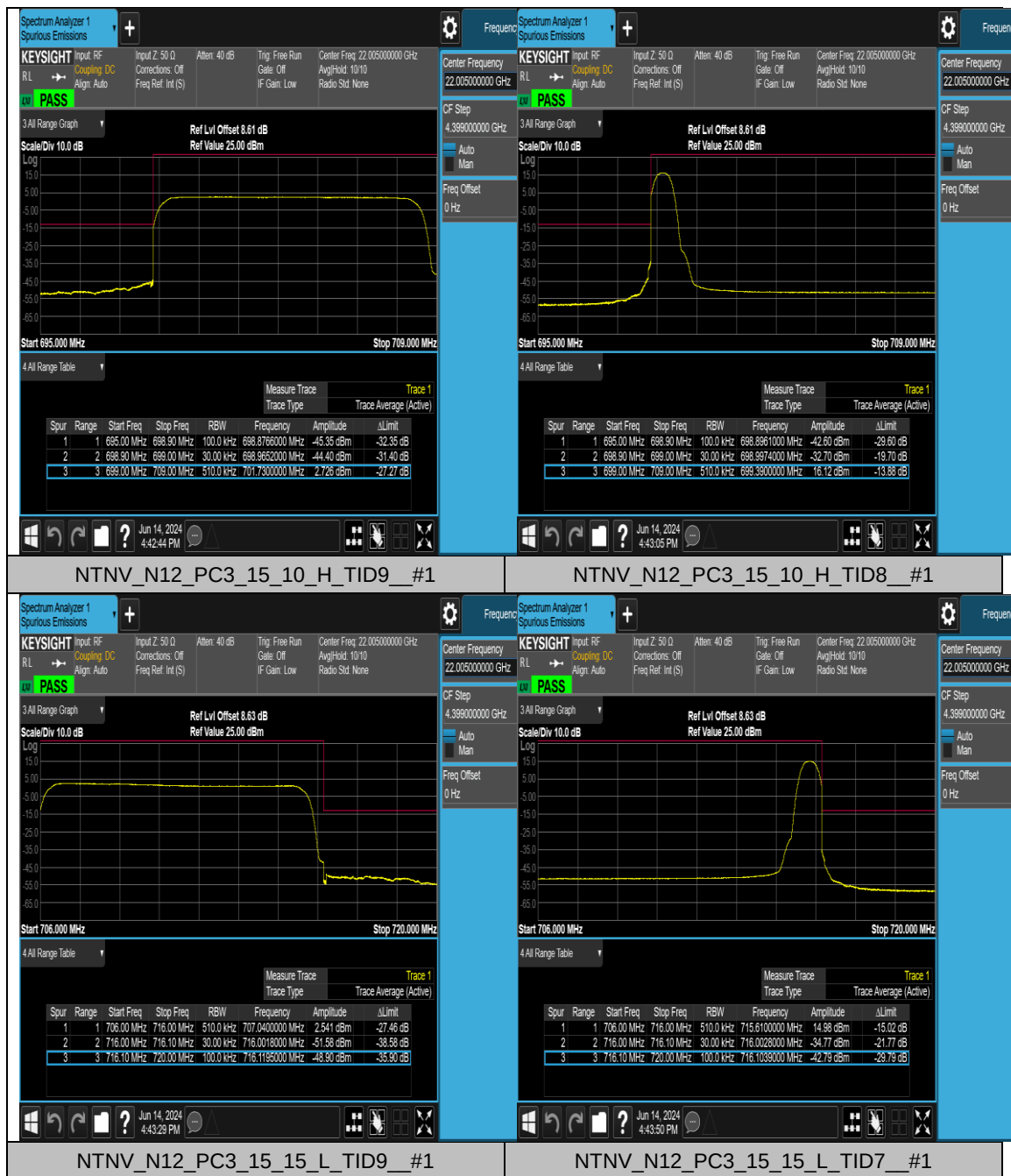
Appendix D: Band Edge for SA

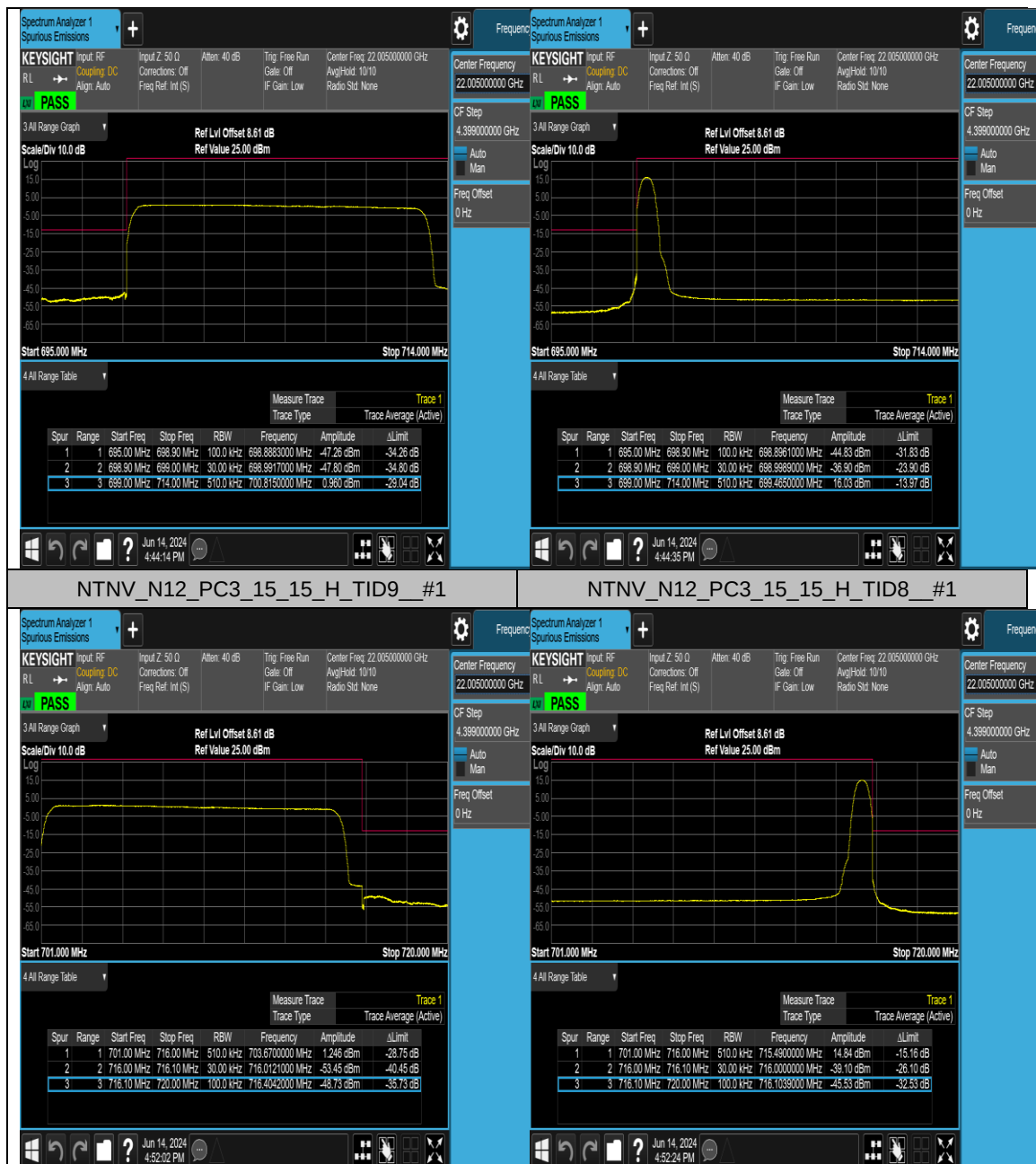
Test Result

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	-62.59	-33	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	0.15	30	-72.13	-23	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	30	1000	-44.45	-13	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	1000	3000	-36.66	-13	PASS
N12	15	5	DFT-QPSK	L	Outer_Full	3000	12000	-44.15	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-62.96	-33	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-71.46	-23	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	30	1000	-52.41	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-36.71	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-43.91	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-61.30	-33	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-71.46	-23	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	30	1000	-52.13	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-36.71	-13	PASS
N12	15	5	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-43.98	-13	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	0.009	0.15	-63.13	-33	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	0.15	30	-71.74	-23	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	30	1000	-47.49	-13	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	1000	3000	-36.67	-13	PASS
N12	15	5	DFT-16QAM	L	Outer_Full	3000	12000	-43.95	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	0.009	0.15	-62.83	-33	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	0.15	30	-70.31	-23	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	30	1000	-52.33	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	1000	3000	-36.26	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left	3000	12000	-43.99	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	0.009	0.15	-62.54	-33	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	0.15	30	-71.65	-23	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	30	1000	-52.39	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	1000	3000	-36.75	-13	PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Right	3000	12000	-44.02	-13	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	0.009	0.15	-62.55	-33	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	0.15	30	-72.17	-23	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	30	1000	-52.42	-13	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	1000	3000	-36.68	-13	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	3000	12000	-44.05	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-61.64	-33	PASS

N12	15	5	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-70.78	-23	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	30	1000	-52.25	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-36.66	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-44.02	-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	-71.75	-23	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Right	30	1000	-52.42	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-36.76	-13	PASS
N12	15	5	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-44.04	-13	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	0.009	0.15	-62.82	-33	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	0.15	30	-70.48	-23	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	30	1000	-52.42	-13	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	1000	3000	-36.76	-13	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	3000	12000	-44.12	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	0.009	0.15	-61.93	-33	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	0.15	30	-72.06	-23	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	30	1000	-52.15	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	1000	3000	-36.73	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Left	3000	12000	-44.24	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	0.009	0.15	-61.97	-33	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	0.15	30	-71.87	-23	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	30	1000	-52.42	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	1000	3000	-36.73	-13	PASS
N12	15	5	DFT-16QAM	M	Edge_1RB_Right	3000	12000	-44.13	-13	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	0.009	0.15	-62.48	-33	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	0.15	30	-74.08	-23	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	30	1000	-46.73	-13	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	1000	3000	-36.72	-13	PASS
N12	15	5	DFT-QPSK	H	Outer_Full	3000	12000	-43.87	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-62.64	-33	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-71.70	-23	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	30	1000	-52.63	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-36.67	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-43.89	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-62.42	-33	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-72.15	-23	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	30	1000	-52.51	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-34.75	-13	PASS
N12	15	5	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-44.01	-13	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	0.009	0.15	-62.13	-33	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	0.15	30	-72.15	-23	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	30	1000	-48.06	-13	PASS

N12	15	5	DFT-16QAM	H	Outer_Full	1000	3000	-36.69	-13	PASS
N12	15	5	DFT-16QAM	H	Outer_Full	3000	12000	-44.10	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	0.009	0.15	-61.92	-33	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	0.15	30	-72.43	-23	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	30	1000	-52.29	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	1000	3000	-36.75	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Left	3000	12000	-43.97	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	0.009	0.15	-61.94	-33	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	0.15	30	-71.47	-23	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	30	1000	-52.42	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	1000	3000	-36.77	-13	PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right	3000	12000	-43.97	-13	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	0.009	0.15	-61.93	-33	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	0.15	30	-72.33	-23	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	30	1000	-46.78	-13	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	1000	3000	-36.69	-13	PASS
N12	15	10	DFT-QPSK	L	Outer_Full	3000	12000	-44.13	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-61.99	-33	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-71.37	-23	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	30	1000	-52.08	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-36.67	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-44.14	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-63.14	-33	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-69.57	-23	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	30	1000	-52.62	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-36.38	-13	PASS
N12	15	10	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-44.03	-13	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	0.009	0.15	-62.16	-33	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	0.15	30	-72.85	-23	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	30	1000	-47.26	-13	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	1000	3000	-36.39	-13	PASS
N12	15	10	DFT-16QAM	L	Outer_Full	3000	12000	-43.98	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left	0.009	0.15	-62.54	-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	-52.58	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left	1000	3000	-36.74	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left	3000	12000	-44.01	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	0.009	0.15	-62.40	-33	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	0.15	30	-72.76	-23	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	30	1000	-52.63	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	1000	3000	-36.70	-13	PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Right	3000	12000	-44.06	-13	PASS

N12	15	10	DFT-QPSK	M	Outer_Full	0.009	0.15	-61.47	-33	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	0.15	30	-70.70	-23	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	30	1000	-47.69	-13	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	1000	3000	-36.65	-13	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	3000	12000	-44.10	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-61.99	-33	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-72.20	-23	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	30	1000	-52.01	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-36.70	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-44.17	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-63.16	-33	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-72.63	-23	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Right	30	1000	-52.29	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-36.69	-13	PASS
N12	15	10	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-43.99	-13	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	0.009	0.15	-62.15	-33	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	0.15	30	-70.15	-23	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	30	1000	-48.49	-13	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	1000	3000	-36.71	-13	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	3000	12000	-44.16	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	0.009	0.15	-61.76	-33	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	0.15	30	-72.78	-23	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	30	1000	-52.23	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	1000	3000	-36.68	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Left	3000	12000	-43.93	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	0.009	0.15	-62.07	-33	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	0.15	30	-68.98	-23	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	30	1000	-52.61	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	1000	3000	-36.61	-13	PASS
N12	15	10	DFT-16QAM	M	Edge_1RB_Right	3000	12000	-44.11	-13	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	0.009	0.15	-62.98	-33	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	0.15	30	-74.07	-23	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	30	1000	-48.45	-13	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	1000	3000	-36.77	-13	PASS
N12	15	10	DFT-QPSK	H	Outer_Full	3000	12000	-43.93	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-61.98	-33	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-71.00	-23	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	30	1000	-52.27	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-36.49	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-44.10	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-62.25	-33	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-71.64	-23	PASS

N12	15	10	DFT-QPSK	H	Edge_1RB_Right	30	1000	-52.51	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-36.76	-13	PASS
N12	15	10	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-44.00	-13	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	0.009	0.15	-61.49	-33	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	0.15	30	-71.56	-23	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	30	1000	-49.87	-13	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	1000	3000	-36.63	-13	PASS
N12	15	10	DFT-16QAM	H	Outer_Full	3000	12000	-43.94	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	0.009	0.15	-61.85	-33	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	0.15	30	-72.78	-23	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	30	1000	-52.45	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	1000	3000	-36.80	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Left	3000	12000	-44.11	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	0.009	0.15	-62.65	-33	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	0.15	30	-72.00	-23	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	30	1000	-52.45	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	1000	3000	-36.72	-13	PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right	3000	12000	-44.02	-13	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	0.009	0.15	-62.55	-33	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	0.15	30	-70.53	-23	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	30	1000	-46.89	-13	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	1000	3000	-36.61	-13	PASS
N12	15	15	DFT-QPSK	L	Outer_Full	3000	12000	-44.04	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	0.009	0.15	-62.25	-33	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	0.15	30	-70.19	-23	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	30	1000	-52.57	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	1000	3000	-36.70	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Left	3000	12000	-44.20	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	0.009	0.15	-62.55	-33	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	0.15	30	-71.39	-23	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	30	1000	-52.59	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	1000	3000	-36.41	-13	PASS
N12	15	15	DFT-QPSK	L	Edge_1RB_Right	3000	12000	-43.97	-13	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	0.009	0.15	-62.11	-33	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	0.15	30	-72.33	-23	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	30	1000	-47.82	-13	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	1000	3000	-36.73	-13	PASS
N12	15	15	DFT-16QAM	L	Outer_Full	3000	12000	-44.00	-13	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	0.009	0.15	-62.10	-33	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	0.15	30	-71.28	-23	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	30	1000	-52.42	-13	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left	1000	3000	-36.48	-13	PASS

N12	15	15	DFT-16QAM	L	Edge_1RB_Left	3000	12000	-44.04	-13	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	0.009	0.15	-63.08	-33	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	0.15	30	-70.45	-23	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	30	1000	-52.57	-13	PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Right	1000	3000	-36.26	-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	-63.01	-33	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	0.15	30	-72.64	-23	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	30	1000	-48.54	-13	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	1000	3000	-36.79	-13	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	3000	12000	-44.00	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	0.009	0.15	-62.90	-33	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	0.15	30	-71.52	-23	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	30	1000	-52.49	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	1000	3000	-36.76	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Left	3000	12000	-44.09	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	0.009	0.15	-62.02	-33	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	0.15	30	-71.16	-23	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	30	1000	-52.48	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	1000	3000	-36.70	-13	PASS
N12	15	15	DFT-QPSK	M	Edge_1RB_Right	3000	12000	-44.11	-13	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	0.009	0.15	-62.19	-33	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	0.15	30	-72.46	-23	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	30	1000	-48.12	-13	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	1000	3000	-36.64	-13	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	3000	12000	-43.96	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	0.009	0.15	-61.66	-33	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	0.15	30	-71.59	-23	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	30	1000	-52.27	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	1000	3000	-36.49	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Left	3000	12000	-44.10	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	0.009	0.15	-62.82	-33	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	0.15	30	-72.99	-23	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	30	1000	-52.28	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	1000	3000	-36.62	-13	PASS
N12	15	15	DFT-16QAM	M	Edge_1RB_Right	3000	12000	-43.87	-13	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	0.009	0.15	-63.55	-33	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	0.15	30	-72.60	-23	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	30	1000	-47.52	-13	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	1000	3000	-36.65	-13	PASS
N12	15	15	DFT-QPSK	H	Outer_Full	3000	12000	-44.13	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	0.009	0.15	-63.37	-33	PASS

N12	15	15	DFT-QPSK	H	Edge_1RB_Left	0.15	30	-71.47	-23	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	30	1000	-52.48	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	1000	3000	-36.55	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Left	3000	12000	-44.08	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	0.009	0.15	-62.52	-33	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	0.15	30	-73.74	-23	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	30	1000	-52.60	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	1000	3000	-36.35	-13	PASS
N12	15	15	DFT-QPSK	H	Edge_1RB_Right	3000	12000	-44.07	-13	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	0.009	0.15	-62.23	-33	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	0.15	30	-72.28	-23	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	30	1000	-47.44	-13	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	1000	3000	-36.76	-13	PASS
N12	15	15	DFT-16QAM	H	Outer_Full	3000	12000	-43.94	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	0.009	0.15	-61.07	-33	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	0.15	30	-70.58	-23	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	30	1000	-52.42	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	1000	3000	-36.38	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Left	3000	12000	-44.09	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	0.009	0.15	-63.31	-33	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	0.15	30	-72.77	-23	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	30	1000	-52.49	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	1000	3000	-36.63	-13	PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right	3000	12000	-44.15	-13	PASS

Test Graphs

