

.

Appendix for n12

Product Name: 5G CPE

Model No: C150

Appendix A: Average Power Output for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	Power Class	Verdict
N12	15	5	CP-QPSK	L	Outer_Full	21.98	PC3	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	22.20	PC3	PASS
N12	15	5	CP-QPSK	L	Inner_Full	23.58	PC3	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	21.83	PC3	PASS
N12	15	5	CP-16QAM	L	Outer_Full	21.95	PC3	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	22.15	PC3	PASS
N12	15	5	CP-16QAM	L	Inner_Full	23.02	PC3	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	21.80	PC3	PASS
N12	15	5	CP-QPSK	M	Outer_Full	22.02	PC3	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	22.12	PC3	PASS
N12	15	5	CP-QPSK	M	Inner_Full	23.44	PC3	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	21.87	PC3	PASS
N12	15	5	CP-16QAM	M	Outer_Full	21.87	PC3	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	21.93	PC3	PASS
N12	15	5	CP-16QAM	M	Inner_Full	23.07	PC3	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	21.68	PC3	PASS
N12	15	5	CP-QPSK	H	Outer_Full	21.74	PC3	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	21.67	PC3	PASS
N12	15	5	CP-QPSK	H	Inner_Full	23.27	PC3	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	21.52	PC3	PASS
N12	15	5	CP-16QAM	H	Outer_Full	21.70	PC3	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	21.78	PC3	PASS
N12	15	5	CP-16QAM	H	Inner_Full	22.77	PC3	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	21.77	PC3	PASS
N12	15	10	CP-QPSK	L	Outer_Full	21.92	PC3	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	22.04	PC3	PASS
N12	15	10	CP-QPSK	L	Inner_Full	23.51	PC3	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	21.69	PC3	PASS
N12	15	10	CP-16QAM	L	Outer_Full	21.89	PC3	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	22.12	PC3	PASS
N12	15	10	CP-16QAM	L	Inner_Full	23.01	PC3	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	21.69	PC3	PASS
N12	15	10	CP-QPSK	M	Outer_Full	22.00	PC3	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	21.96	PC3	PASS
N12	15	10	CP-QPSK	M	Inner_Full	23.43	PC3	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	21.70	PC3	PASS

N12	15	10	CP-16QAM	M	Outer_Full	21.92	PC3	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	21.85	PC3	PASS
N12	15	10	CP-16QAM	M	Inner_Full	22.94	PC3	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	22.07	PC3	PASS
N12	15	10	CP-QPSK	H	Outer_Full	21.75	PC3	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	21.79	PC3	PASS
N12	15	10	CP-QPSK	H	Inner_Full	23.31	PC3	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	21.51	PC3	PASS
N12	15	10	CP-16QAM	H	Outer_Full	21.82	PC3	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	21.87	PC3	PASS
N12	15	10	CP-16QAM	H	Inner_Full	22.80	PC3	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	21.63	PC3	PASS
N12	15	15	CP-QPSK	L	Outer_Full	21.98	PC3	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	22.10	PC3	PASS
N12	15	15	CP-QPSK	L	Inner_Full	23.39	PC3	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	21.70	PC3	PASS
N12	15	15	CP-16QAM	L	Outer_Full	21.92	PC3	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	21.83	PC3	PASS
N12	15	15	CP-16QAM	L	Inner_Full	22.86	PC3	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	21.62	PC3	PASS
N12	15	15	CP-QPSK	M	Outer_Full	21.89	PC3	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	22.11	PC3	PASS
N12	15	15	CP-QPSK	M	Inner_Full	23.60	PC3	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	21.80	PC3	PASS
N12	15	15	CP-16QAM	M	Outer_Full	21.87	PC3	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	21.68	PC3	PASS
N12	15	15	CP-16QAM	M	Inner_Full	22.97	PC3	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	21.49	PC3	PASS
N12	15	15	CP-QPSK	H	Outer_Full	21.96	PC3	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	22.10	PC3	PASS
N12	15	15	CP-QPSK	H	Inner_Full	23.32	PC3	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	21.68	PC3	PASS
N12	15	15	CP-16QAM	H	Outer_Full	21.83	PC3	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	21.91	PC3	PASS
N12	15	15	CP-16QAM	H	Inner_Full	22.83	PC3	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	21.70	PC3	PASS

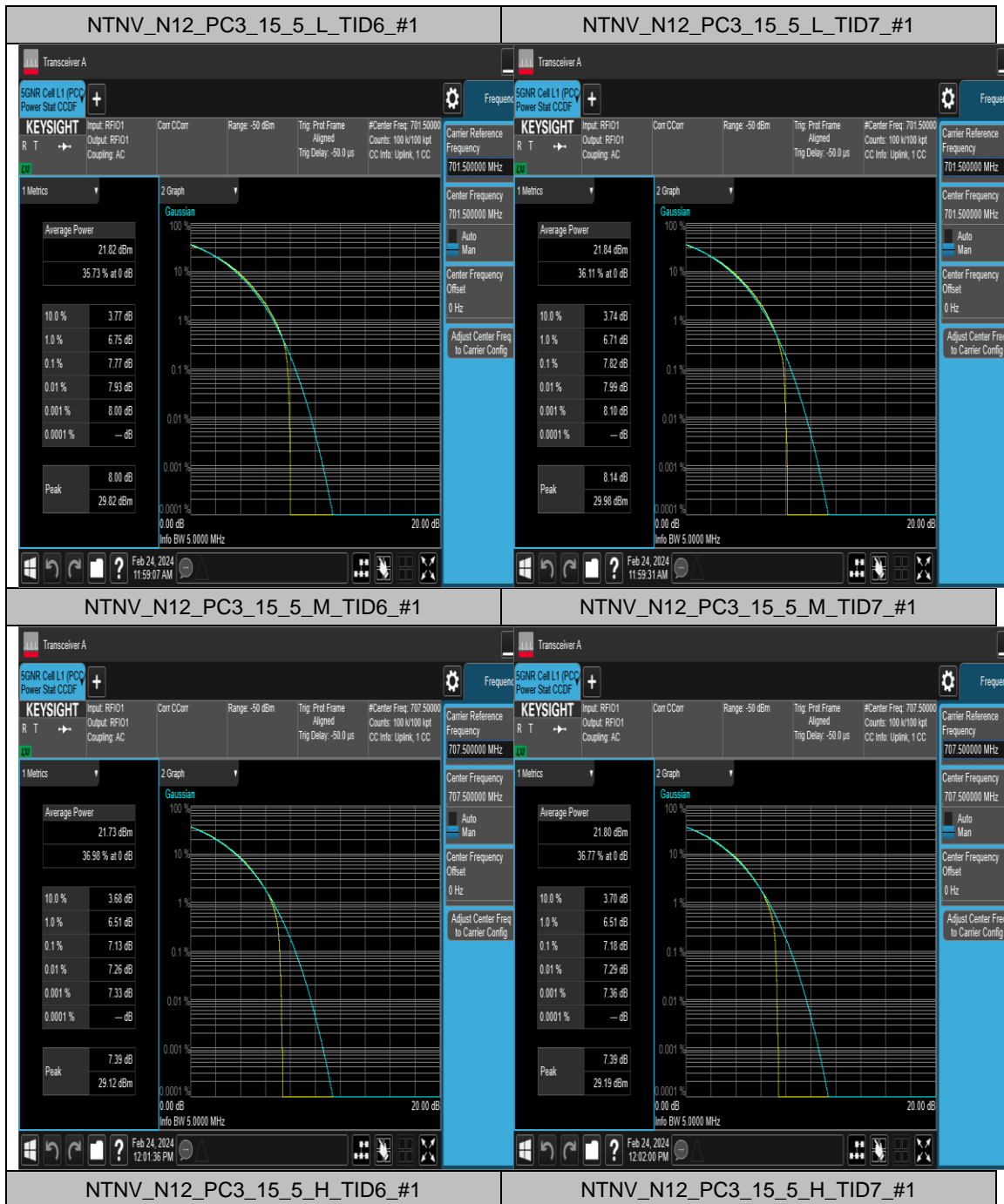
Appendix B: Peak-to-Average Ratio for SA

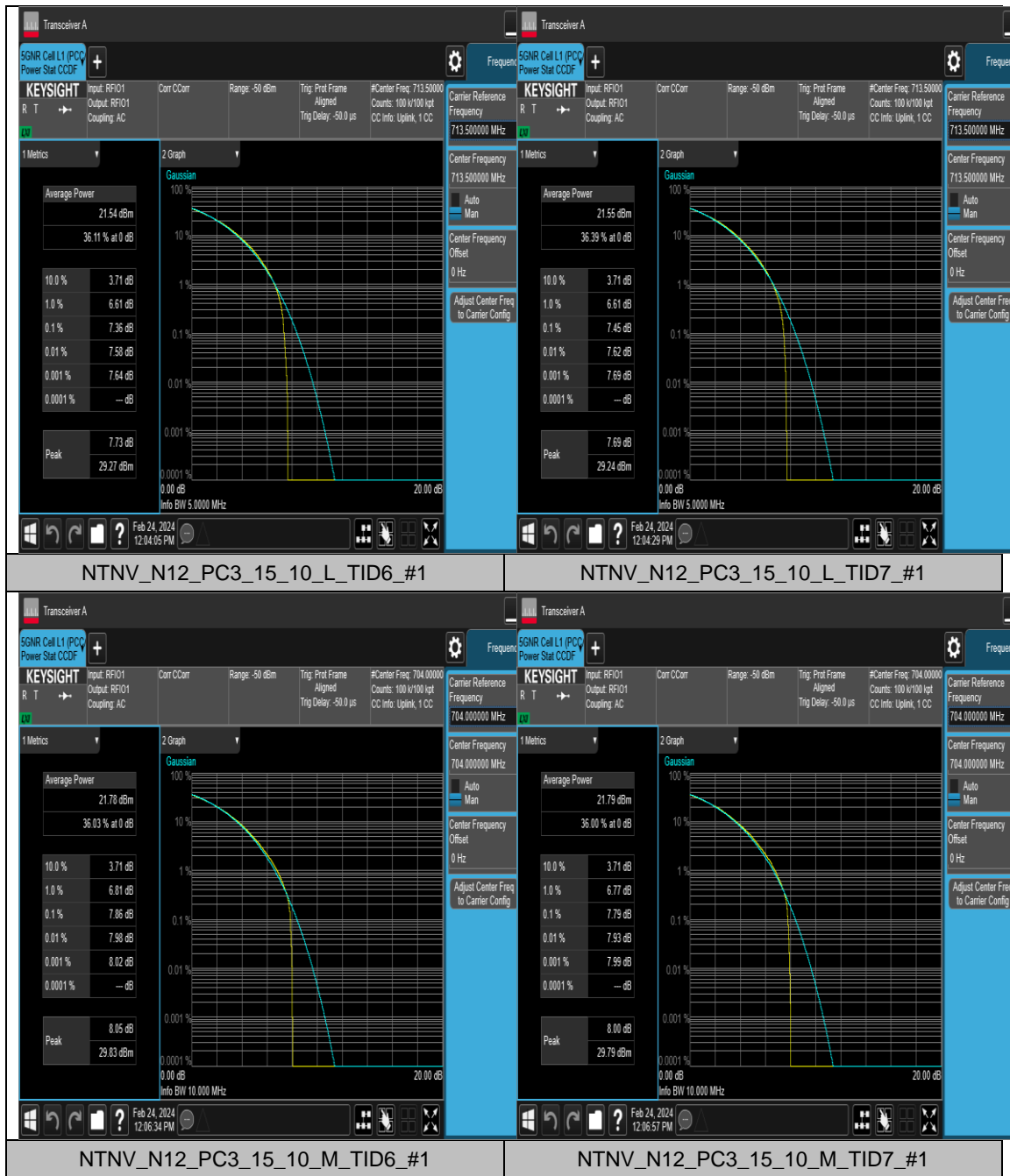
Peak-to-Average Ratio(CCDF)

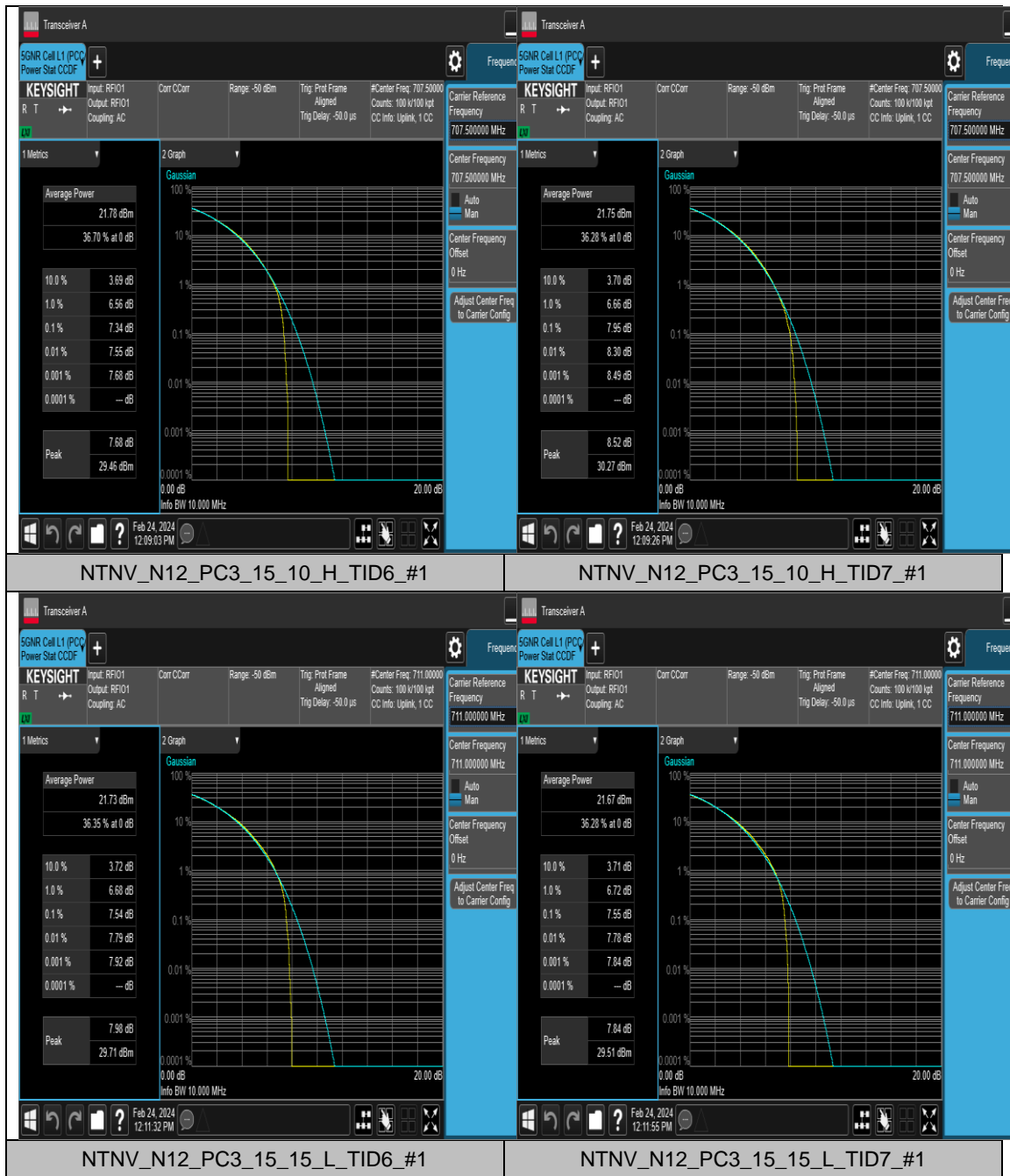
Test Result

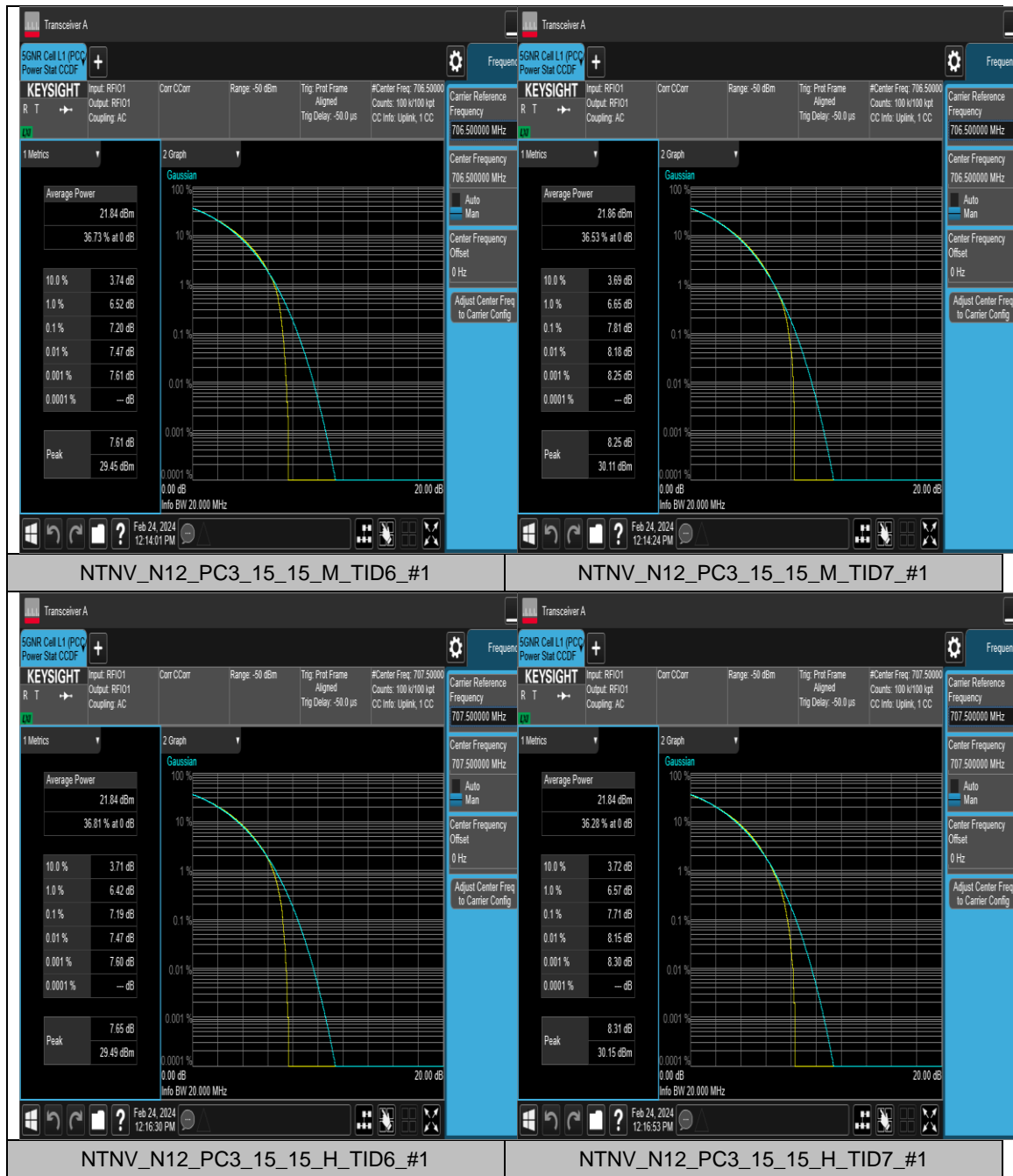
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N12	15	5	CP-QPSK	L	Outer_Full	7.77	≤13	PASS
N12	15	5	CP-16QAM	L	Outer_Full	7.82	≤13	PASS
N12	15	5	CP-QPSK	M	Outer_Full	7.13	≤13	PASS
N12	15	5	CP-16QAM	M	Outer_Full	7.18	≤13	PASS
N12	15	5	CP-QPSK	H	Outer_Full	7.36	≤13	PASS
N12	15	5	CP-16QAM	H	Outer_Full	7.45	≤13	PASS
N12	15	10	CP-QPSK	L	Outer_Full	7.86	≤13	PASS
N12	15	10	CP-16QAM	L	Outer_Full	7.79	≤13	PASS
N12	15	10	CP-QPSK	M	Outer_Full	7.34	≤13	PASS
N12	15	10	CP-16QAM	M	Outer_Full	7.95	≤13	PASS
N12	15	10	CP-QPSK	H	Outer_Full	7.54	≤13	PASS
N12	15	10	CP-16QAM	H	Outer_Full	7.55	≤13	PASS
N12	15	15	CP-QPSK	L	Outer_Full	7.20	≤13	PASS
N12	15	15	CP-16QAM	L	Outer_Full	7.81	≤13	PASS
N12	15	15	CP-QPSK	M	Outer_Full	7.19	≤13	PASS
N12	15	15	CP-16QAM	M	Outer_Full	7.71	≤13	PASS
N12	15	15	CP-QPSK	H	Outer_Full	7.19	≤13	PASS
N12	15	15	CP-16QAM	H	Outer_Full	7.82	≤13	PASS

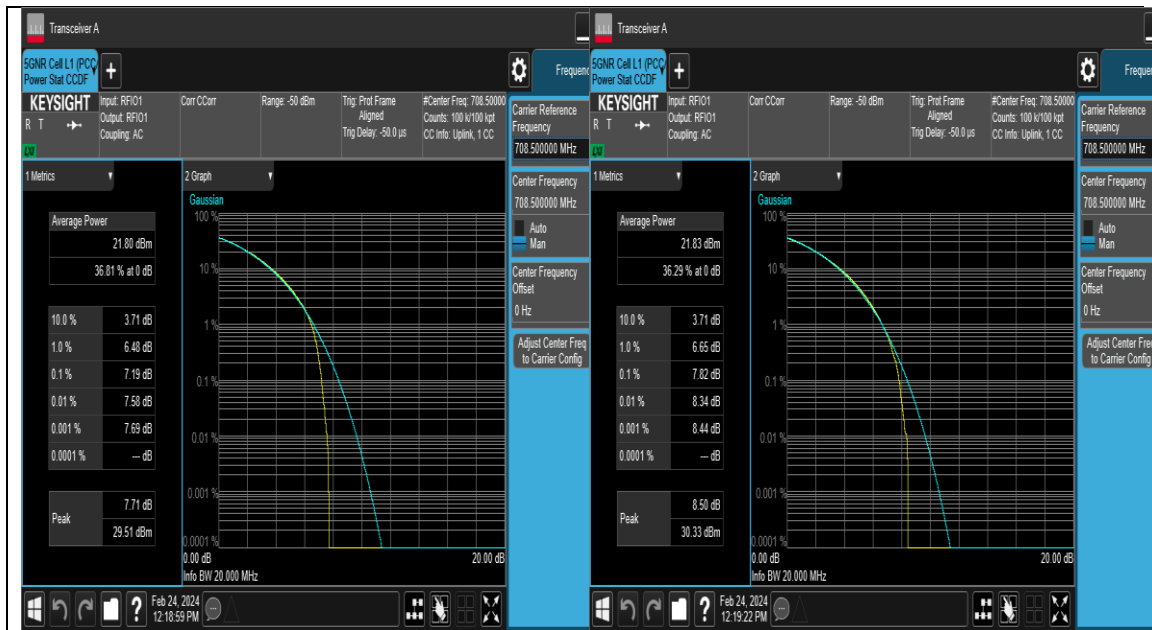
Test Graphs









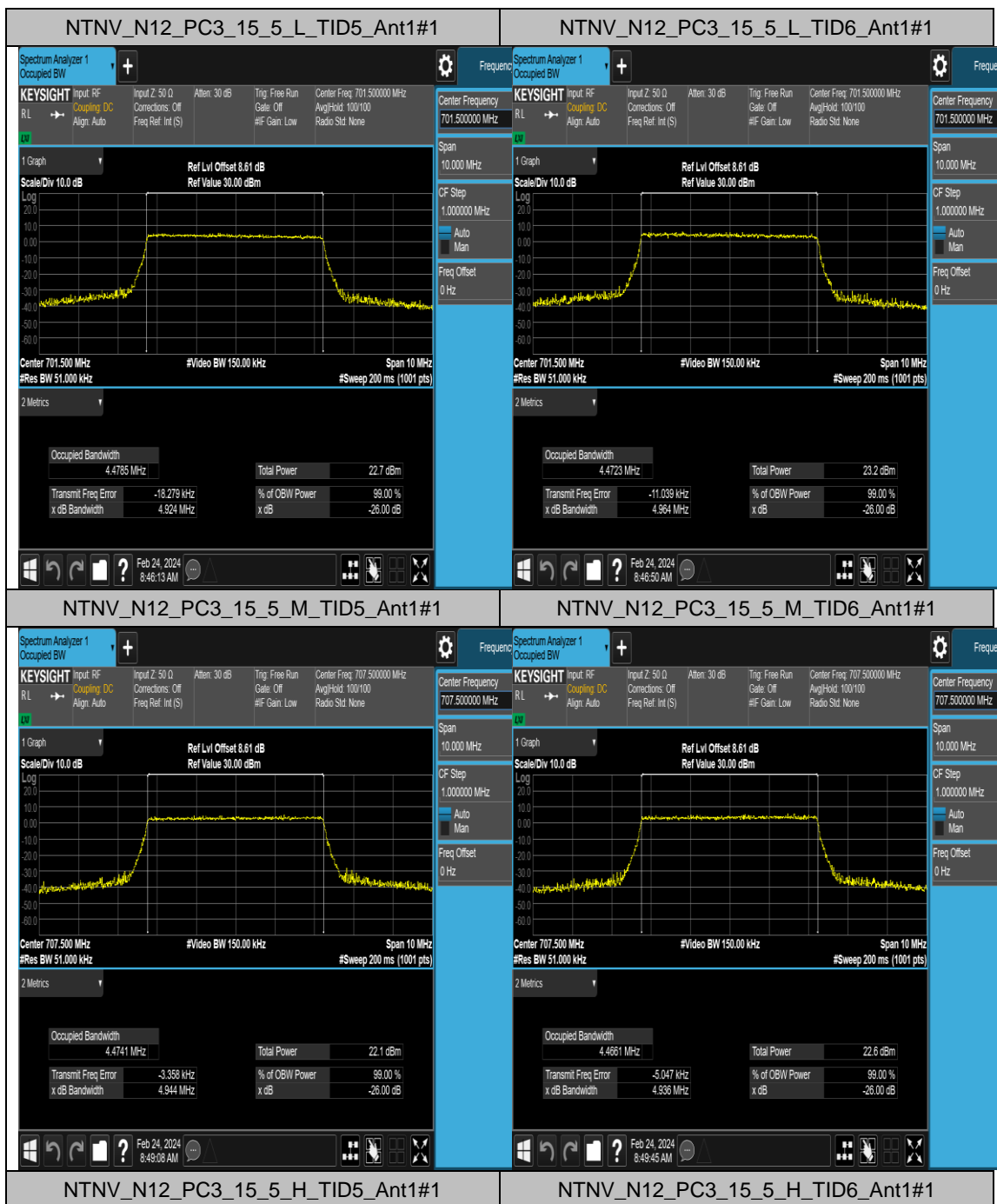


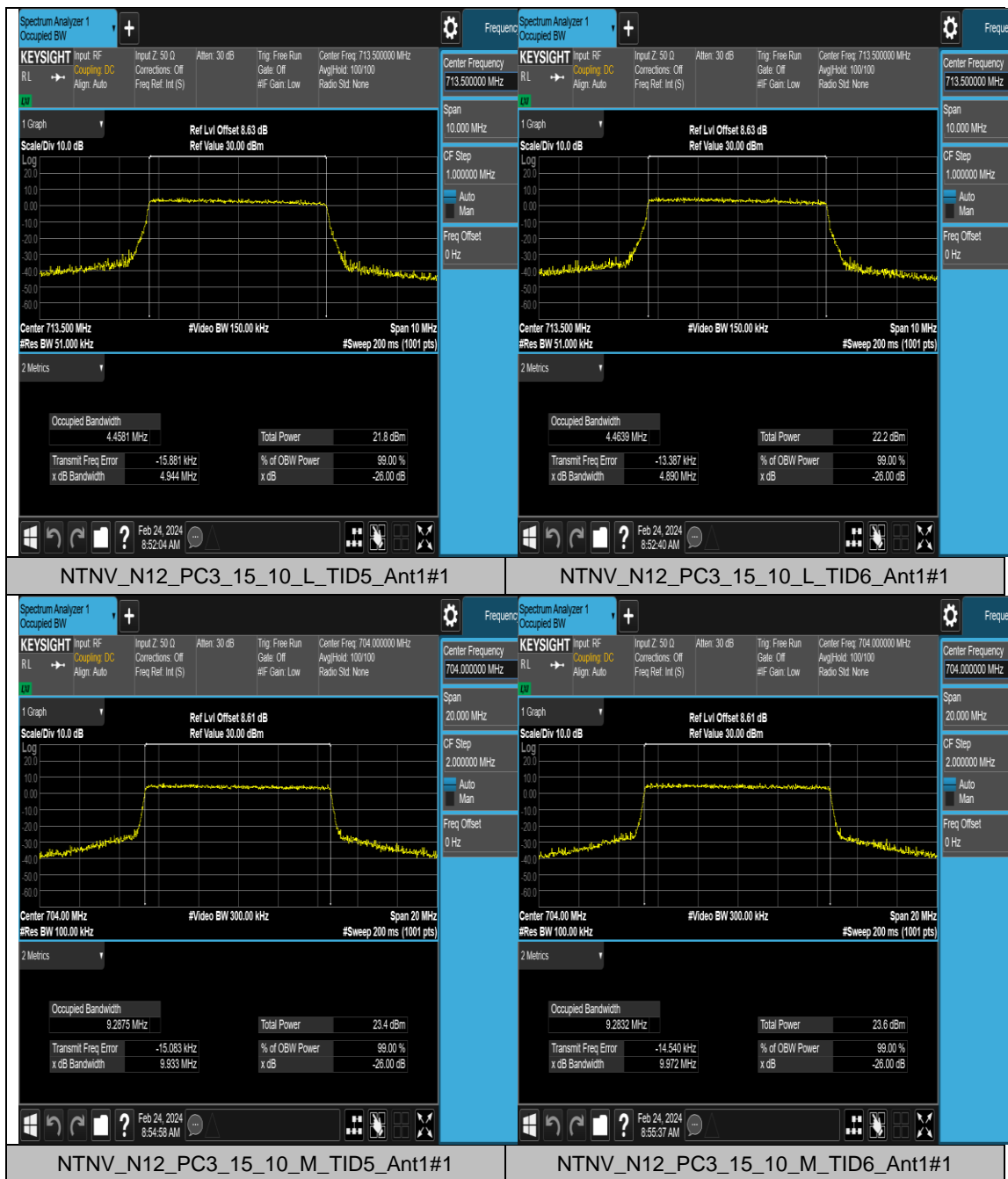
Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

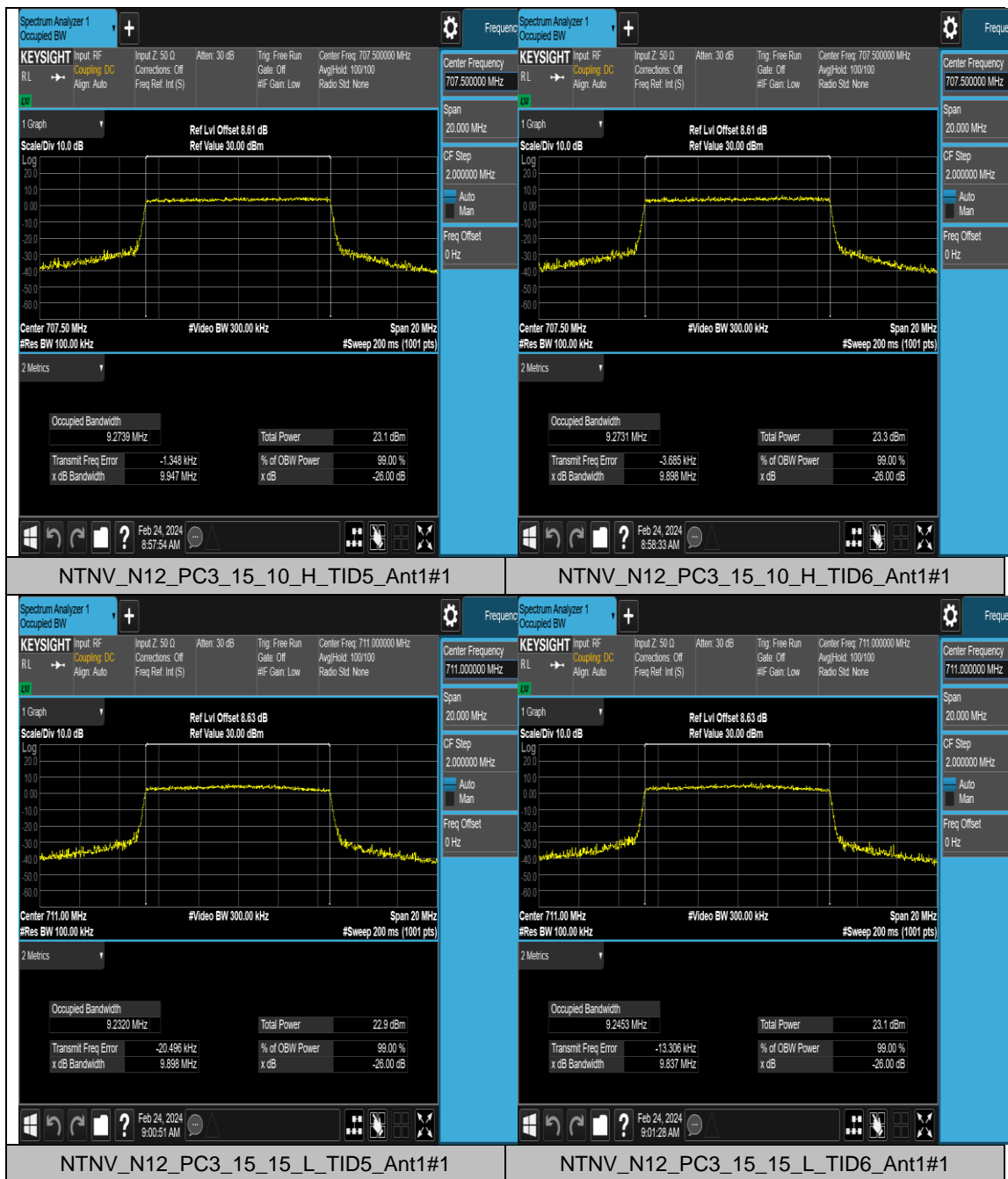
Test Result

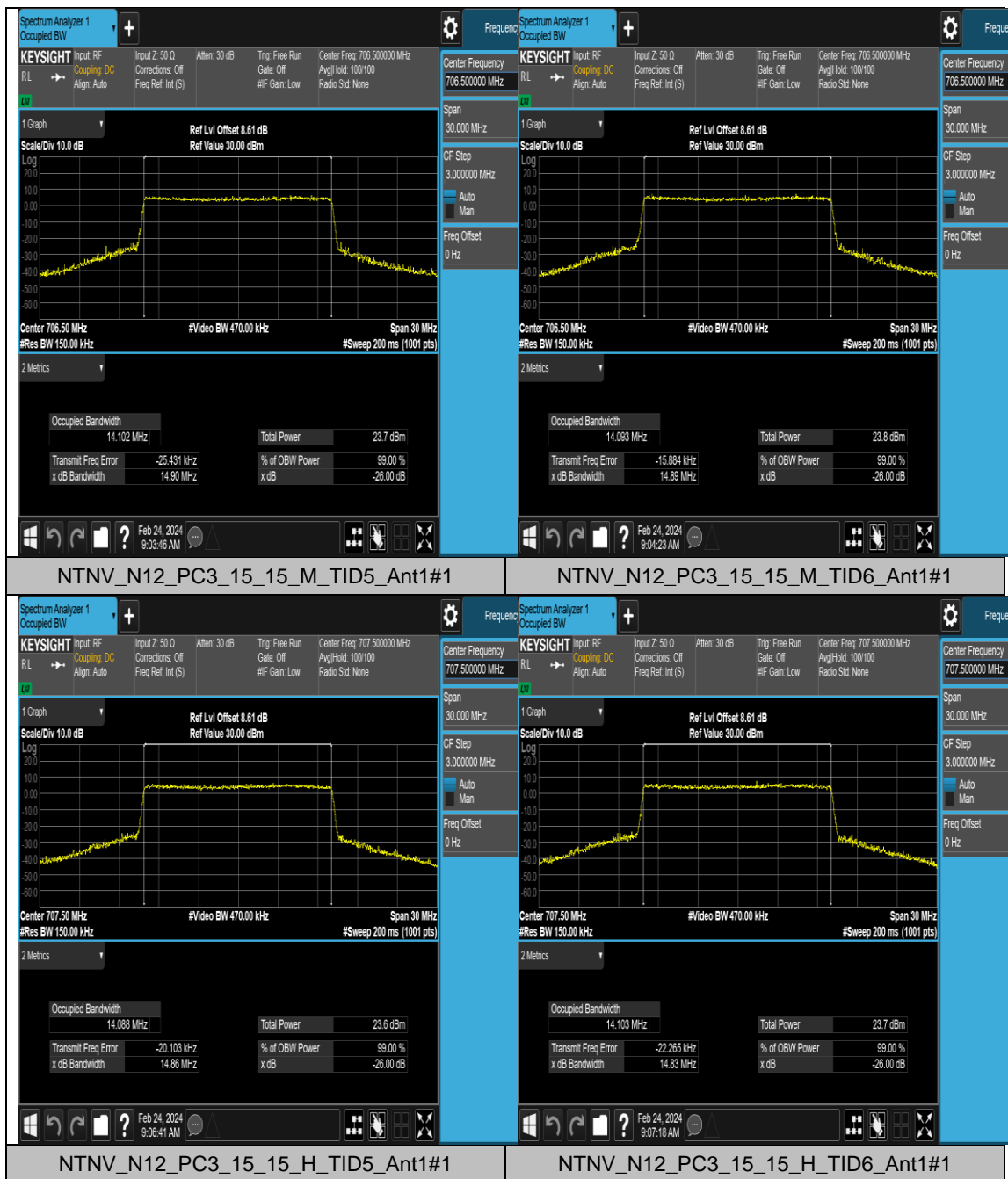
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N12	15	5	CP-QPSK	L	Outer_Full	4.4785	4.924	PASS
N12	15	5	CP-16QAM	L	Outer_Full	4.4723	4.964	PASS
N12	15	5	CP-QPSK	M	Outer_Full	4.4741	4.944	PASS
N12	15	5	CP-16QAM	M	Outer_Full	4.4661	4.936	PASS
N12	15	5	CP-QPSK	H	Outer_Full	4.4581	4.944	PASS
N12	15	5	CP-16QAM	H	Outer_Full	4.4639	4.890	PASS
N12	15	10	CP-QPSK	L	Outer_Full	9.2875	9.933	PASS
N12	15	10	CP-16QAM	L	Outer_Full	9.2832	9.972	PASS
N12	15	10	CP-QPSK	M	Outer_Full	9.2739	9.947	PASS
N12	15	10	CP-16QAM	M	Outer_Full	9.2731	9.898	PASS
N12	15	10	CP-QPSK	H	Outer_Full	9.2320	9.898	PASS
N12	15	10	CP-16QAM	H	Outer_Full	9.2453	9.837	PASS
N12	15	15	CP-QPSK	L	Outer_Full	14.102	14.90	PASS
N12	15	15	CP-16QAM	L	Outer_Full	14.093	14.89	PASS
N12	15	15	CP-QPSK	M	Outer_Full	14.088	14.86	PASS
N12	15	15	CP-16QAM	M	Outer_Full	14.103	14.83	PASS
N12	15	15	CP-QPSK	H	Outer_Full	14.066	14.90	PASS
N12	15	15	CP-16QAM	H	Outer_Full	14.067	14.88	PASS

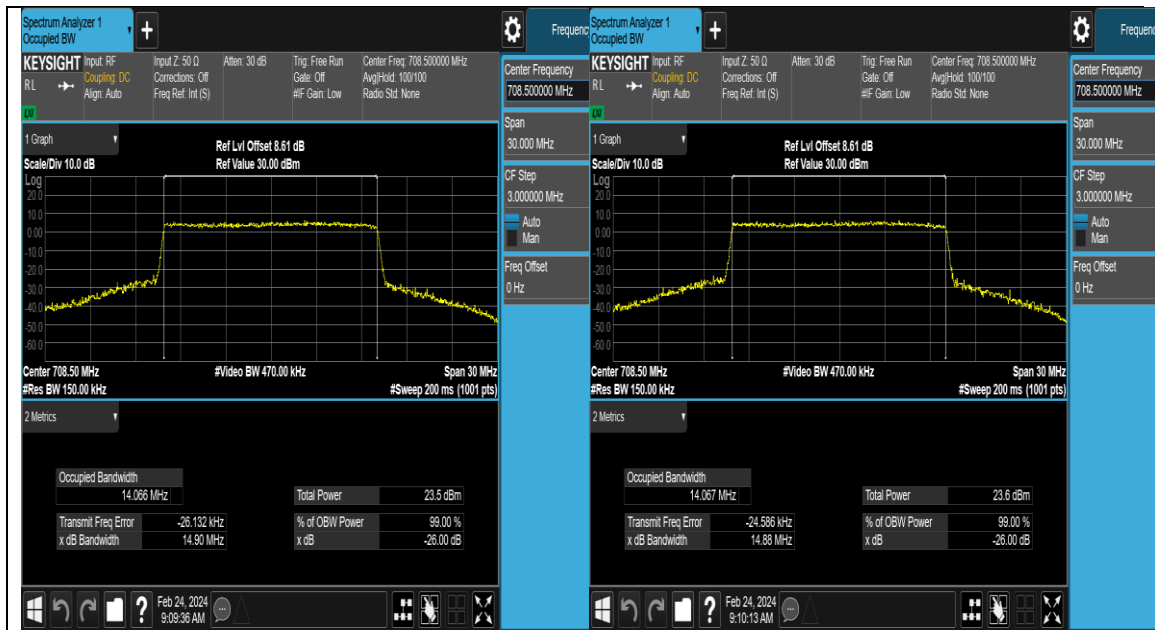
Test Graphs











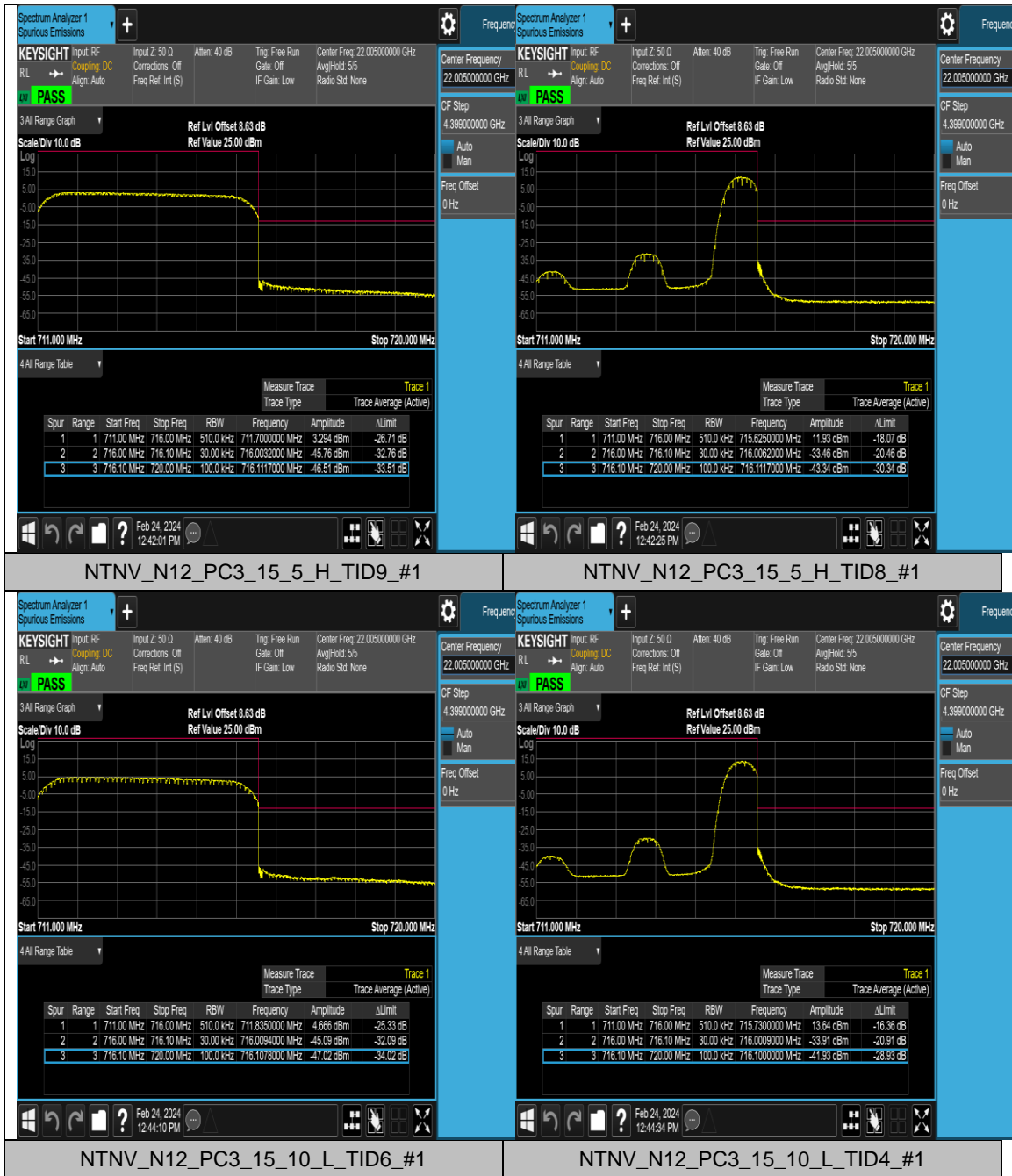
Appendix D: Band Edge for SA

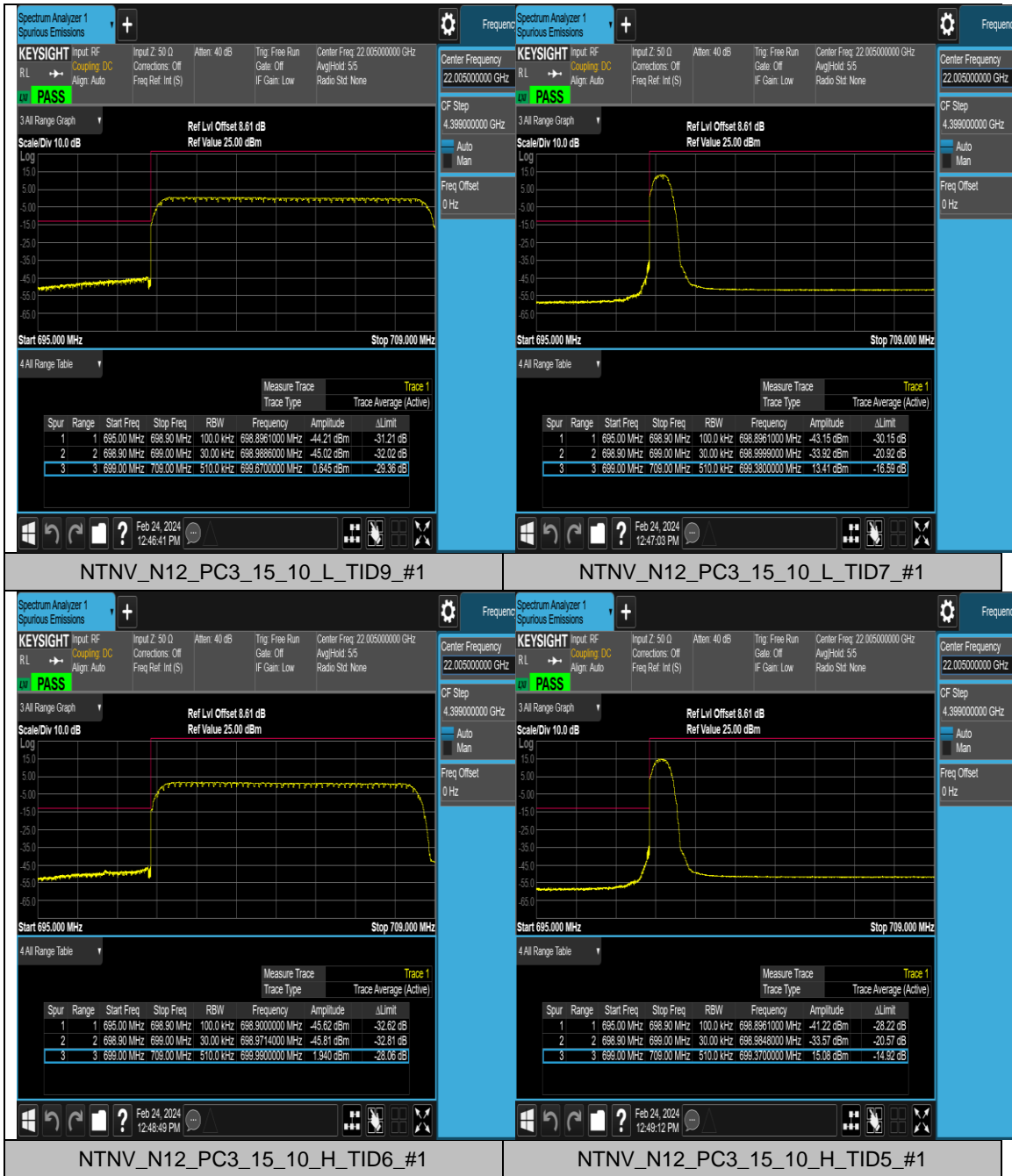
Test Result

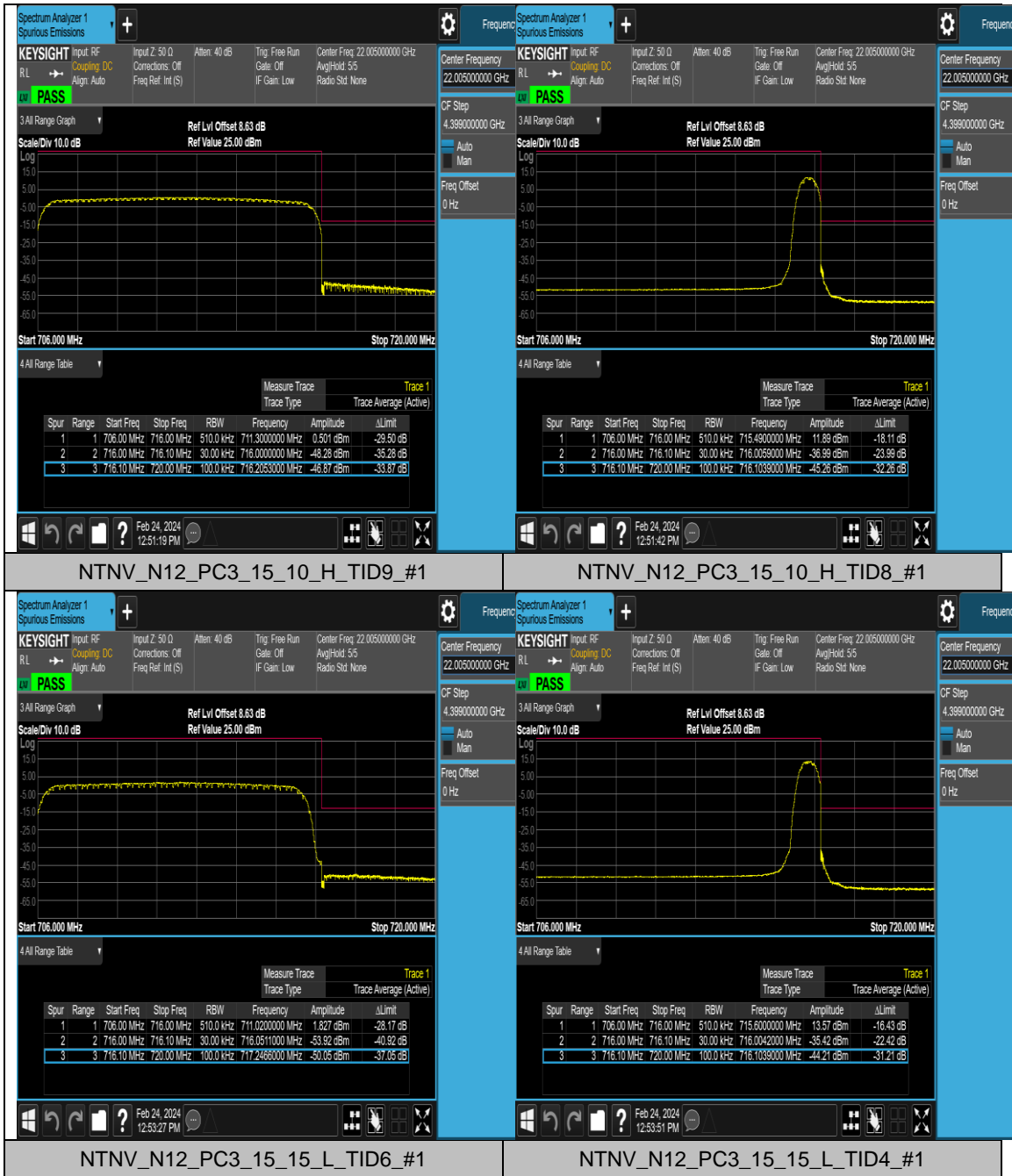
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N12	15	5	CP-QPSK	L	Outer_Full		PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left		PASS
N12	15	5	DFT-16QAM	L	Outer_Full		PASS
N12	15	5	DFT-16QAM	L	Edge_1RB_Left		PASS
N12	15	5	CP-QPSK	H	Outer_Full		PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right		PASS
N12	15	5	DFT-16QAM	H	Outer_Full		PASS
N12	15	5	DFT-16QAM	H	Edge_1RB_Right		PASS
N12	15	10	CP-QPSK	L	Outer_Full		PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left		PASS
N12	15	10	DFT-16QAM	L	Outer_Full		PASS
N12	15	10	DFT-16QAM	L	Edge_1RB_Left		PASS
N12	15	10	CP-QPSK	H	Outer_Full		PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right		PASS
N12	15	10	DFT-16QAM	H	Outer_Full		PASS
N12	15	10	DFT-16QAM	H	Edge_1RB_Right		PASS
N12	15	15	CP-QPSK	L	Outer_Full		PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left		PASS
N12	15	15	DFT-16QAM	L	Outer_Full		PASS
N12	15	15	DFT-16QAM	L	Edge_1RB_Left		PASS
N12	15	15	CP-QPSK	H	Outer_Full		PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right		PASS
N12	15	15	DFT-16QAM	H	Outer_Full		PASS
N12	15	15	DFT-16QAM	H	Edge_1RB_Right		PASS

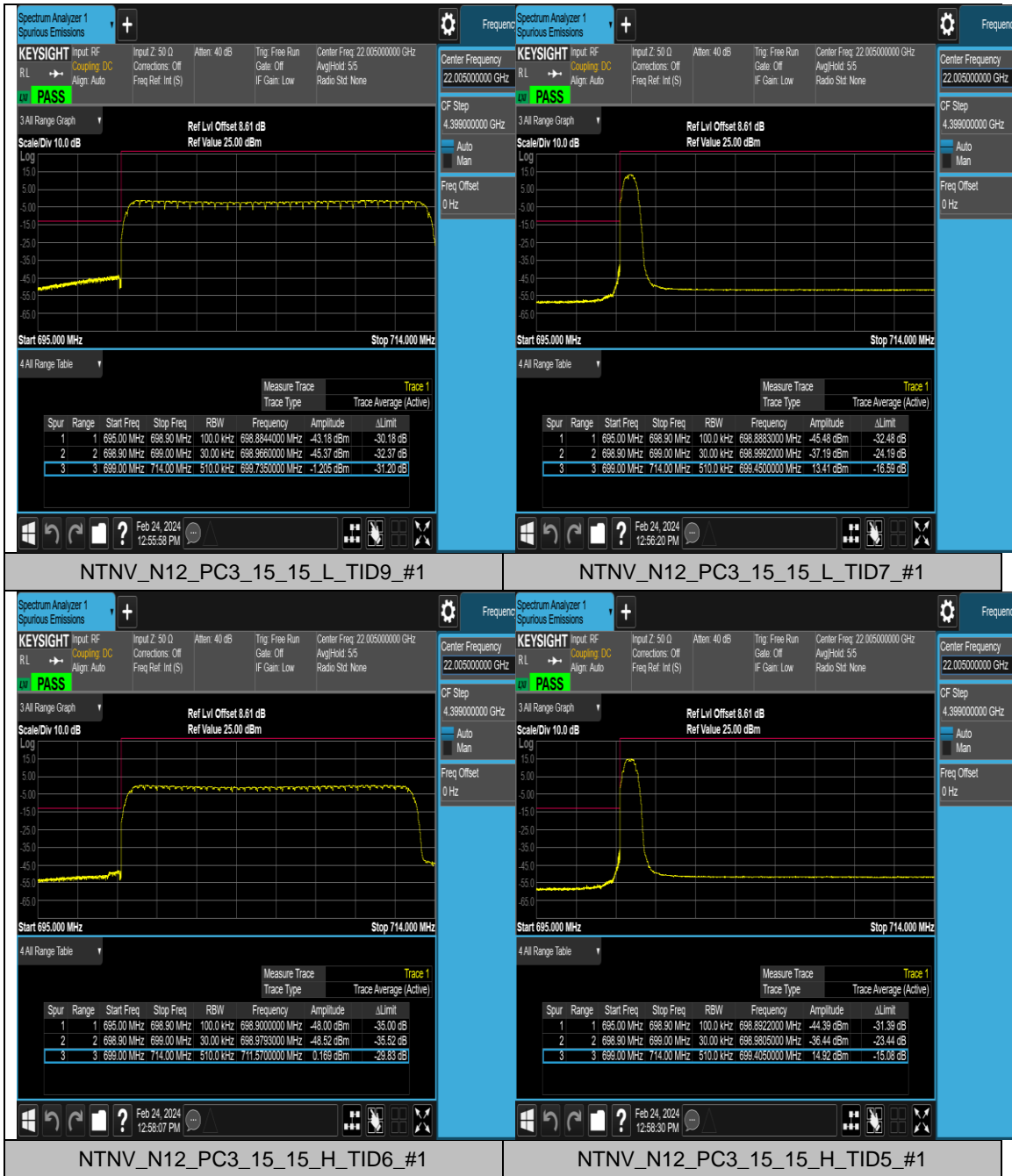
Test Graphs













Appendix E: Conducted Spurious Emission for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	StartFreq	StopFreq	Result	Limit	Verdict
N12	15	5	CP-QPSK	L	Outer_Full	0.009	0.15	-61.96	-33	PASS
N12	15	5	CP-QPSK	L	Outer_Full	0.15	30	-70.88	-23	PASS
N12	15	5	CP-QPSK	L	Outer_Full	30	1000	-48.38	-13	PASS
N12	15	5	CP-QPSK	L	Outer_Full	1000	3000	-36.56	-13	PASS
N12	15	5	CP-QPSK	L	Outer_Full	3000	12000	-44.22	-13	PASS
N12	15	5	CP-QPSK	L	Outer_Full	12000	20000	-45.68	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	0.009	0.15	-62.54	-33	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	0.15	30	-71.67	-23	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	30	1000	-52.40	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	1000	3000	-36.48	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	3000	12000	-44.16	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	12000	20000	-45.65	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	0.009	0.15	-61.56	-33	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	0.15	30	-72.32	-23	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	30	1000	-52.62	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	1000	3000	-36.58	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	3000	12000	-44.27	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	12000	20000	-45.52	-13	PASS
N12	15	5	CP-16QAM	L	Outer_Full	0.009	0.15	-61.95	-33	PASS
N12	15	5	CP-16QAM	L	Outer_Full	0.15	30	-71.31	-23	PASS
N12	15	5	CP-16QAM	L	Outer_Full	30	1000	-48.59	-13	PASS
N12	15	5	CP-16QAM	L	Outer_Full	1000	3000	-36.45	-13	PASS
N12	15	5	CP-16QAM	L	Outer_Full	3000	12000	-44.18	-13	PASS
N12	15	5	CP-16QAM	L	Outer_Full	12000	20000	-45.62	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	0.009	0.15	-62.57	-33	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	0.15	30	-71.52	-23	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	30	1000	-52.71	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	1000	3000	-36.41	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	3000	12000	-44.25	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	12000	20000	-45.62	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	0.009	0.15	-62.59	-33	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	0.15	30	-70.65	-23	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	30	1000	-52.61	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	1000	3000	-36.53	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	3000	12000	-44.10	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	12000	20000	-45.65	-13	PASS

N12	15	5	CP-QPSK	M	Outer_Full	0.009	0.15	-63.20	-33	PASS
N12	15	5	CP-QPSK	M	Outer_Full	0.15	30	-71.49	-23	PASS
N12	15	5	CP-QPSK	M	Outer_Full	30	1000	-52.54	-13	PASS
N12	15	5	CP-QPSK	M	Outer_Full	1000	3000	-36.55	-13	PASS
N12	15	5	CP-QPSK	M	Outer_Full	3000	12000	-43.99	-13	PASS
N12	15	5	CP-QPSK	M	Outer_Full	12000	20000	-45.46	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	0.009	0.15	-62.51	-33	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	0.15	30	-70.85	-23	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	30	1000	-52.67	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	1000	3000	-36.62	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	3000	12000	-44.23	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	12000	20000	-45.56	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	0.009	0.15	-63.23	-33	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	0.15	30	-73.22	-23	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	30	1000	-52.49	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	1000	3000	-36.59	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	3000	12000	-44.24	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	12000	20000	-45.61	-13	PASS
N12	15	5	CP-16QAM	M	Outer_Full	0.009	0.15	-61.95	-33	PASS
N12	15	5	CP-16QAM	M	Outer_Full	0.15	30	-71.16	-23	PASS
N12	15	5	CP-16QAM	M	Outer_Full	30	1000	-52.61	-13	PASS
N12	15	5	CP-16QAM	M	Outer_Full	1000	3000	-36.52	-13	PASS
N12	15	5	CP-16QAM	M	Outer_Full	3000	12000	-44.13	-13	PASS
N12	15	5	CP-16QAM	M	Outer_Full	12000	20000	-45.64	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	0.009	0.15	-61.71	-33	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	0.15	30	-72.91	-23	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	30	1000	-52.33	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	1000	3000	-36.57	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	3000	12000	-44.29	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	12000	20000	-45.43	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	0.009	0.15	-62.36	-33	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	0.15	30	-72.11	-23	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	30	1000	-52.50	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	1000	3000	-36.52	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	3000	12000	-44.31	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	12000	20000	-45.56	-13	PASS
N12	15	5	CP-QPSK	H	Outer_Full	0.009	0.15	-62.91	-33	PASS
N12	15	5	CP-QPSK	H	Outer_Full	0.15	30	-72.77	-23	PASS
N12	15	5	CP-QPSK	H	Outer_Full	30	1000	-50.77	-13	PASS
N12	15	5	CP-QPSK	H	Outer_Full	1000	3000	-36.89	-13	PASS
N12	15	5	CP-QPSK	H	Outer_Full	3000	12000	-44.14	-13	PASS
N12	15	5	CP-QPSK	H	Outer_Full	12000	20000	-45.48	-13	PASS

N12	15	5	CP-QPSK	H	Edge_1RB_Left	0.009	0.15	-62.69	-33	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	0.15	30	-72.47	-23	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	30	1000	-52.59	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	1000	3000	-36.90	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	3000	12000	-44.23	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	12000	20000	-45.52	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	0.009	0.15	-63.32	-33	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	0.15	30	-71.24	-23	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	30	1000	-52.89	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	1000	3000	-36.86	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	3000	12000	-44.20	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	12000	20000	-45.53	-13	PASS
N12	15	5	CP-16QAM	H	Outer_Full	0.009	0.15	-62.94	-33	PASS
N12	15	5	CP-16QAM	H	Outer_Full	0.15	30	-72.49	-23	PASS
N12	15	5	CP-16QAM	H	Outer_Full	30	1000	-50.86	-13	PASS
N12	15	5	CP-16QAM	H	Outer_Full	1000	3000	-36.94	-13	PASS
N12	15	5	CP-16QAM	H	Outer_Full	3000	12000	-44.17	-13	PASS
N12	15	5	CP-16QAM	H	Outer_Full	12000	20000	-45.58	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	0.009	0.15	-63.29	-33	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	0.15	30	-73.31	-23	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	30	1000	-52.78	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	1000	3000	-36.85	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	3000	12000	-44.09	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	12000	20000	-45.47	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	0.009	0.15	-62.41	-33	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	0.15	30	-70.94	-23	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	30	1000	-52.42	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	1000	3000	-36.99	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	3000	12000	-44.22	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	12000	20000	-45.65	-13	PASS
N12	15	10	CP-QPSK	L	Outer_Full	0.009	0.15	-62.48	-33	PASS
N12	15	10	CP-QPSK	L	Outer_Full	0.15	30	-72.62	-23	PASS
N12	15	10	CP-QPSK	L	Outer_Full	30	1000	-46.68	-13	PASS
N12	15	10	CP-QPSK	L	Outer_Full	1000	3000	-36.92	-13	PASS
N12	15	10	CP-QPSK	L	Outer_Full	3000	12000	-44.02	-13	PASS
N12	15	10	CP-QPSK	L	Outer_Full	12000	20000	-45.60	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	0.009	0.15	-62.42	-33	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	0.15	30	-69.80	-23	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	30	1000	-52.73	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	1000	3000	-36.79	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	3000	12000	-44.20	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	12000	20000	-45.66	-13	PASS

N12	15	10	CP-QPSK	L	Edge_1RB_Right	0.009	0.15	-63.29	-33	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	0.15	30	-71.59	-23	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	30	1000	-52.64	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	1000	3000	-36.88	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	3000	12000	-44.11	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	12000	20000	-45.44	-13	PASS
N12	15	10	CP-16QAM	L	Outer_Full	0.009	0.15	-62.37	-33	PASS
N12	15	10	CP-16QAM	L	Outer_Full	0.15	30	-73.07	-23	PASS
N12	15	10	CP-16QAM	L	Outer_Full	30	1000	-45.27	-13	PASS
N12	15	10	CP-16QAM	L	Outer_Full	1000	3000	-36.88	-13	PASS
N12	15	10	CP-16QAM	L	Outer_Full	3000	12000	-44.21	-13	PASS
N12	15	10	CP-16QAM	L	Outer_Full	12000	20000	-45.61	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	0.009	0.15	-62.55	-33	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	0.15	30	-71.01	-23	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	30	1000	-52.63	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	1000	3000	-36.87	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	3000	12000	-44.07	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	12000	20000	-45.63	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	0.009	0.15	-62.24	-33	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	0.15	30	-69.89	-23	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	30	1000	-52.59	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	1000	3000	-36.83	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	3000	12000	-43.95	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	12000	20000	-45.47	-13	PASS
N12	15	10	CP-QPSK	M	Outer_Full	0.009	0.15	-62.19	-33	PASS
N12	15	10	CP-QPSK	M	Outer_Full	0.15	30	-73.46	-23	PASS
N12	15	10	CP-QPSK	M	Outer_Full	30	1000	-50.08	-13	PASS
N12	15	10	CP-QPSK	M	Outer_Full	1000	3000	-36.89	-13	PASS
N12	15	10	CP-QPSK	M	Outer_Full	3000	12000	-44.14	-13	PASS
N12	15	10	CP-QPSK	M	Outer_Full	12000	20000	-45.57	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	0.009	0.15	-62.91	-33	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	0.15	30	-71.07	-23	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	30	1000	-51.02	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	1000	3000	-36.85	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	3000	12000	-44.19	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	12000	20000	-45.40	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	0.009	0.15	-62.57	-33	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	0.15	30	-70.75	-23	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	30	1000	-52.54	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	1000	3000	-36.85	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	3000	12000	-44.15	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	12000	20000	-45.59	-13	PASS

N12	15	10	CP-16QAM	M	Outer_Full	0.009	0.15	-62.75	-33	PASS
N12	15	10	CP-16QAM	M	Outer_Full	0.15	30	-72.55	-23	PASS
N12	15	10	CP-16QAM	M	Outer_Full	30	1000	-49.48	-13	PASS
N12	15	10	CP-16QAM	M	Outer_Full	1000	3000	-36.97	-13	PASS
N12	15	10	CP-16QAM	M	Outer_Full	3000	12000	-44.22	-13	PASS
N12	15	10	CP-16QAM	M	Outer_Full	12000	20000	-45.71	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	0.009	0.15	-63.03	-33	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	0.15	30	-71.87	-23	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	30	1000	-52.43	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	1000	3000	-36.91	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	3000	12000	-44.16	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	12000	20000	-45.51	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	0.009	0.15	-61.09	-33	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	0.15	30	-71.52	-23	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	30	1000	-52.59	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	1000	3000	-36.95	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	3000	12000	-43.85	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	12000	20000	-45.60	-13	PASS
N12	15	10	CP-QPSK	H	Outer_Full	0.009	0.15	-62.55	-33	PASS
N12	15	10	CP-QPSK	H	Outer_Full	0.15	30	-72.61	-23	PASS
N12	15	10	CP-QPSK	H	Outer_Full	30	1000	-48.61	-13	PASS
N12	15	10	CP-QPSK	H	Outer_Full	1000	3000	-36.87	-13	PASS
N12	15	10	CP-QPSK	H	Outer_Full	3000	12000	-44.08	-13	PASS
N12	15	10	CP-QPSK	H	Outer_Full	12000	20000	-45.61	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	0.009	0.15	-61.46	-33	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	0.15	30	-71.88	-23	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	30	1000	-52.49	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	1000	3000	-36.84	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	3000	12000	-43.90	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	12000	20000	-45.57	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	0.009	0.15	-63.53	-33	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	0.15	30	-72.04	-23	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	30	1000	-52.34	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	1000	3000	-36.91	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	3000	12000	-44.11	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	12000	20000	-45.57	-13	PASS
N12	15	10	CP-16QAM	H	Outer_Full	0.009	0.15	-62.82	-33	PASS
N12	15	10	CP-16QAM	H	Outer_Full	0.15	30	-72.19	-23	PASS
N12	15	10	CP-16QAM	H	Outer_Full	30	1000	-49.19	-13	PASS
N12	15	10	CP-16QAM	H	Outer_Full	1000	3000	-36.86	-13	PASS
N12	15	10	CP-16QAM	H	Outer_Full	3000	12000	-44.17	-13	PASS
N12	15	10	CP-16QAM	H	Outer_Full	12000	20000	-45.55	-13	PASS

N12	15	10	CP-16QAM	H	Edge_1RB_Left	0.009	0.15	-62.85	-33	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	0.15	30	-71.60	-23	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	30	1000	-52.41	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	1000	3000	-36.88	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	3000	12000	-44.14	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	12000	20000	-45.62	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	0.009	0.15	-62.43	-33	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	0.15	30	-73.84	-23	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	30	1000	-52.53	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	1000	3000	-36.78	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	3000	12000	-43.93	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	12000	20000	-45.51	-13	PASS
N12	15	15	CP-QPSK	L	Outer_Full	0.009	0.15	-61.85	-33	PASS
N12	15	15	CP-QPSK	L	Outer_Full	0.15	30	-71.68	-23	PASS
N12	15	15	CP-QPSK	L	Outer_Full	30	1000	-47.96	-13	PASS
N12	15	15	CP-QPSK	L	Outer_Full	1000	3000	-36.84	-13	PASS
N12	15	15	CP-QPSK	L	Outer_Full	3000	12000	-44.09	-13	PASS
N12	15	15	CP-QPSK	L	Outer_Full	12000	20000	-45.50	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	0.009	0.15	-61.79	-33	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	0.15	30	-70.96	-23	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	30	1000	-52.46	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	1000	3000	-36.88	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	3000	12000	-44.04	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	12000	20000	-45.56	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	0.009	0.15	-62.55	-33	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	0.15	30	-71.90	-23	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	30	1000	-52.46	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	1000	3000	-36.85	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	3000	12000	-44.13	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	12000	20000	-45.58	-13	PASS
N12	15	15	CP-16QAM	L	Outer_Full	0.009	0.15	-63.51	-33	PASS
N12	15	15	CP-16QAM	L	Outer_Full	0.15	30	-73.08	-23	PASS
N12	15	15	CP-16QAM	L	Outer_Full	30	1000	-46.71	-13	PASS
N12	15	15	CP-16QAM	L	Outer_Full	1000	3000	-36.94	-13	PASS
N12	15	15	CP-16QAM	L	Outer_Full	3000	12000	-44.09	-13	PASS
N12	15	15	CP-16QAM	L	Outer_Full	12000	20000	-45.47	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	0.009	0.15	-61.94	-33	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	0.15	30	-69.92	-23	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	30	1000	-52.49	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	1000	3000	-36.92	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	3000	12000	-43.92	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	12000	20000	-45.37	-13	PASS

N12	15	15	CP-16QAM	L	Edge_1RB_Right	0.009	0.15	-62.59	-33	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	0.15	30	-73.41	-23	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	30	1000	-52.55	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	1000	3000	-36.92	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	3000	12000	-44.12	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	12000	20000	-45.54	-13	PASS
N12	15	15	CP-QPSK	M	Outer_Full	0.009	0.15	-62.83	-33	PASS
N12	15	15	CP-QPSK	M	Outer_Full	0.15	30	-73.16	-23	PASS
N12	15	15	CP-QPSK	M	Outer_Full	30	1000	-49.26	-13	PASS
N12	15	15	CP-QPSK	M	Outer_Full	1000	3000	-36.81	-13	PASS
N12	15	15	CP-QPSK	M	Outer_Full	3000	12000	-44.18	-13	PASS
N12	15	15	CP-QPSK	M	Outer_Full	12000	20000	-45.62	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	0.009	0.15	-62.65	-33	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	0.15	30	-73.13	-23	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	30	1000	-52.49	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	1000	3000	-36.86	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	3000	12000	-44.01	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	12000	20000	-45.49	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	0.009	0.15	-63.38	-33	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	0.15	30	-71.31	-23	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	30	1000	-52.51	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	1000	3000	-36.89	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	3000	12000	-44.21	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	12000	20000	-45.54	-13	PASS
N12	15	15	CP-16QAM	M	Outer_Full	0.009	0.15	-62.00	-33	PASS
N12	15	15	CP-16QAM	M	Outer_Full	0.15	30	-71.17	-23	PASS
N12	15	15	CP-16QAM	M	Outer_Full	30	1000	-48.18	-13	PASS
N12	15	15	CP-16QAM	M	Outer_Full	1000	3000	-36.87	-13	PASS
N12	15	15	CP-16QAM	M	Outer_Full	3000	12000	-44.12	-13	PASS
N12	15	15	CP-16QAM	M	Outer_Full	12000	20000	-45.55	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	0.009	0.15	-62.57	-33	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	0.15	30	-72.56	-23	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	30	1000	-52.66	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	1000	3000	-36.78	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	3000	12000	-44.02	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	12000	20000	-45.68	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	0.009	0.15	-62.92	-33	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	0.15	30	-71.94	-23	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	30	1000	-52.39	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	1000	3000	-36.91	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	3000	12000	-44.03	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	12000	20000	-45.46	-13	PASS

N12	15	15	CP-QPSK	H	Outer_Full	0.009	0.15	-62.98	-33	PASS
N12	15	15	CP-QPSK	H	Outer_Full	0.15	30	-73.14	-23	PASS
N12	15	15	CP-QPSK	H	Outer_Full	30	1000	-48.50	-13	PASS
N12	15	15	CP-QPSK	H	Outer_Full	1000	3000	-36.94	-13	PASS
N12	15	15	CP-QPSK	H	Outer_Full	3000	12000	-44.28	-13	PASS
N12	15	15	CP-QPSK	H	Outer_Full	12000	20000	-45.54	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	0.009	0.15	-62.80	-33	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	0.15	30	-71.99	-23	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	30	1000	-52.72	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	1000	3000	-36.90	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	3000	12000	-44.12	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	12000	20000	-45.63	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	0.009	0.15	-62.99	-33	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	0.15	30	-72.25	-23	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	30	1000	-52.60	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	1000	3000	-36.85	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	3000	12000	-44.01	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	12000	20000	-45.62	-13	PASS
N12	15	15	CP-16QAM	H	Outer_Full	0.009	0.15	-62.46	-33	PASS
N12	15	15	CP-16QAM	H	Outer_Full	0.15	30	-71.70	-23	PASS
N12	15	15	CP-16QAM	H	Outer_Full	30	1000	-48.03	-13	PASS
N12	15	15	CP-16QAM	H	Outer_Full	1000	3000	-36.74	-13	PASS
N12	15	15	CP-16QAM	H	Outer_Full	3000	12000	-44.12	-13	PASS
N12	15	15	CP-16QAM	H	Outer_Full	12000	20000	-45.59	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	0.009	0.15	-61.63	-33	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	0.15	30	-72.94	-23	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	30	1000	-52.37	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	1000	3000	-36.79	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	3000	12000	-44.04	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	12000	20000	-45.44	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	0.009	0.15	-62.28	-33	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	0.15	30	-71.38	-23	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	30	1000	-52.48	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	1000	3000	-36.82	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	3000	12000	-44.18	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	12000	20000	-45.55	-13	PASS