

## **Appendix for N12**

Product Name: 5G CPE  
Model No: S3

## 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	0.02	PC3	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	22.05	PC3	PASS
N12	15	5	CP-QPSK	L	Inner_Full	23.48	PC3	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	23.52	PC3	PASS
N12	15	5	CP-16QAM	L	Outer_Full	23.58	PC3	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	22.03	PC3	PASS
N12	15	5	CP-16QAM	L	Inner_Full	23.00	PC3	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	22.14	PC3	PASS
N12	15	5	CP-QPSK	M	Outer_Full	21.86	PC3	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	21.82	PC3	PASS
N12	15	5	CP-QPSK	M	Inner_Full	23.44	PC3	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	21.76	PC3	PASS
N12	15	5	CP-16QAM	M	Outer_Full	21.89	PC3	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	21.94	PC3	PASS
N12	15	5	CP-16QAM	M	Inner_Full	22.86	PC3	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	21.61	PC3	PASS
N12	15	5	CP-QPSK	H	Outer_Full	21.72	PC3	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	21.70	PC3	PASS
N12	15	5	CP-QPSK	H	Inner_Full	23.23	PC3	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	21.44	PC3	PASS
N12	15	5	CP-16QAM	H	Outer_Full	21.69	PC3	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	21.70	PC3	PASS
N12	15	5	CP-16QAM	H	Inner_Full	22.92	PC3	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	21.47	PC3	PASS
N12	15	10	CP-QPSK	L	Outer_Full	21.94	PC3	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	22.04	PC3	PASS
N12	15	10	CP-QPSK	L	Inner_Full	23.34	PC3	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	21.67	PC3	PASS
N12	15	10	CP-16QAM	L	Outer_Full	21.93	PC3	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	22.12	PC3	PASS
N12	15	10	CP-16QAM	L	Inner_Full	22.88	PC3	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	22.16	PC3	PASS
N12	15	10	CP-QPSK	M	Outer_Full	21.86	PC3	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	22.12	PC3	PASS
N12	15	10	CP-QPSK	M	Inner_Full	23.32	PC3	PASS

N12	15	10	CP-QPSK	M	Edge_1RB_Right	21.75	PC3	PASS
N12	15	10	CP-16QAM	M	Outer_Full	21.95	PC3	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	21.97	PC3	PASS
N12	15	10	CP-16QAM	M	Inner_Full	22.93	PC3	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	21.72	PC3	PASS
N12	15	10	CP-QPSK	H	Outer_Full	21.75	PC3	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	21.86	PC3	PASS
N12	15	10	CP-QPSK	H	Inner_Full	23.31	PC3	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	21.60	PC3	PASS
N12	15	10	CP-16QAM	H	Outer_Full	21.79	PC3	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	21.54	PC3	PASS
N12	15	10	CP-16QAM	H	Inner_Full	22.65	PC3	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	21.57	PC3	PASS
N12	15	15	CP-QPSK	L	Outer_Full	22.00	PC3	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	22.15	PC3	PASS
N12	15	15	CP-QPSK	L	Inner_Full	23.41	PC3	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	21.65	PC3	PASS
N12	15	15	CP-16QAM	L	Outer_Full	21.99	PC3	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	22.23	PC3	PASS
N12	15	15	CP-16QAM	L	Inner_Full	23.02	PC3	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	21.75	PC3	PASS
N12	15	15	CP-QPSK	M	Outer_Full	22.02	PC3	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	22.13	PC3	PASS
N12	15	15	CP-QPSK	M	Inner_Full	23.45	PC3	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	21.63	PC3	PASS
N12	15	15	CP-16QAM	M	Outer_Full	21.96	PC3	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	22.51	PC3	PASS
N12	15	15	CP-16QAM	M	Inner_Full	22.90	PC3	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	21.52	PC3	PASS
N12	15	15	CP-QPSK	H	Outer_Full	21.88	PC3	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	22.03	PC3	PASS
N12	15	15	CP-QPSK	H	Inner_Full	23.48	PC3	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	21.60	PC3	PASS
N12	15	15	CP-16QAM	H	Outer_Full	21.93	PC3	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	22.21	PC3	PASS
N12	15	15	CP-16QAM	H	Inner_Full	22.89	PC3	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	21.55	PC3	PASS

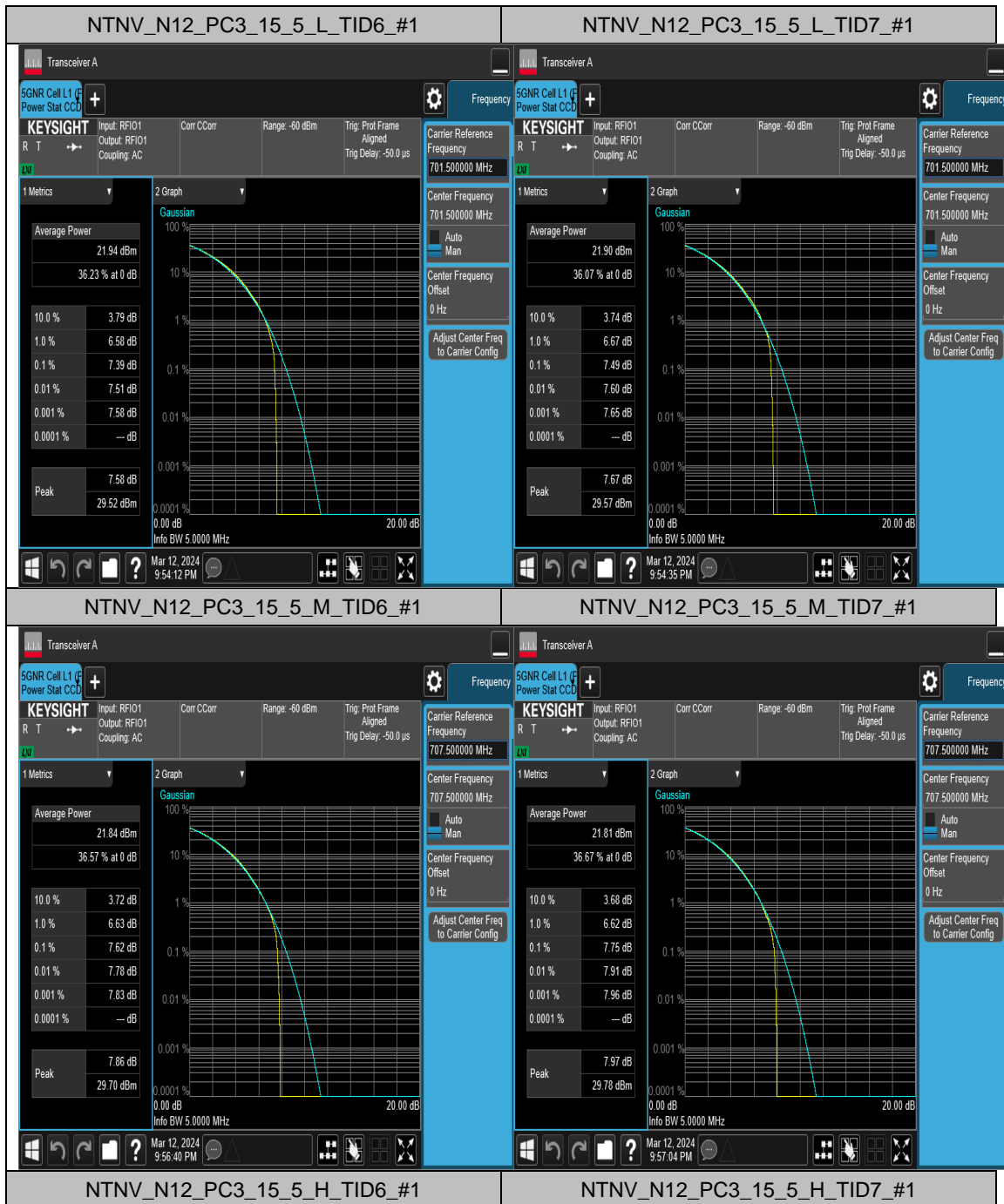
## Appendix B: Peak-to-Average Ratio for SA

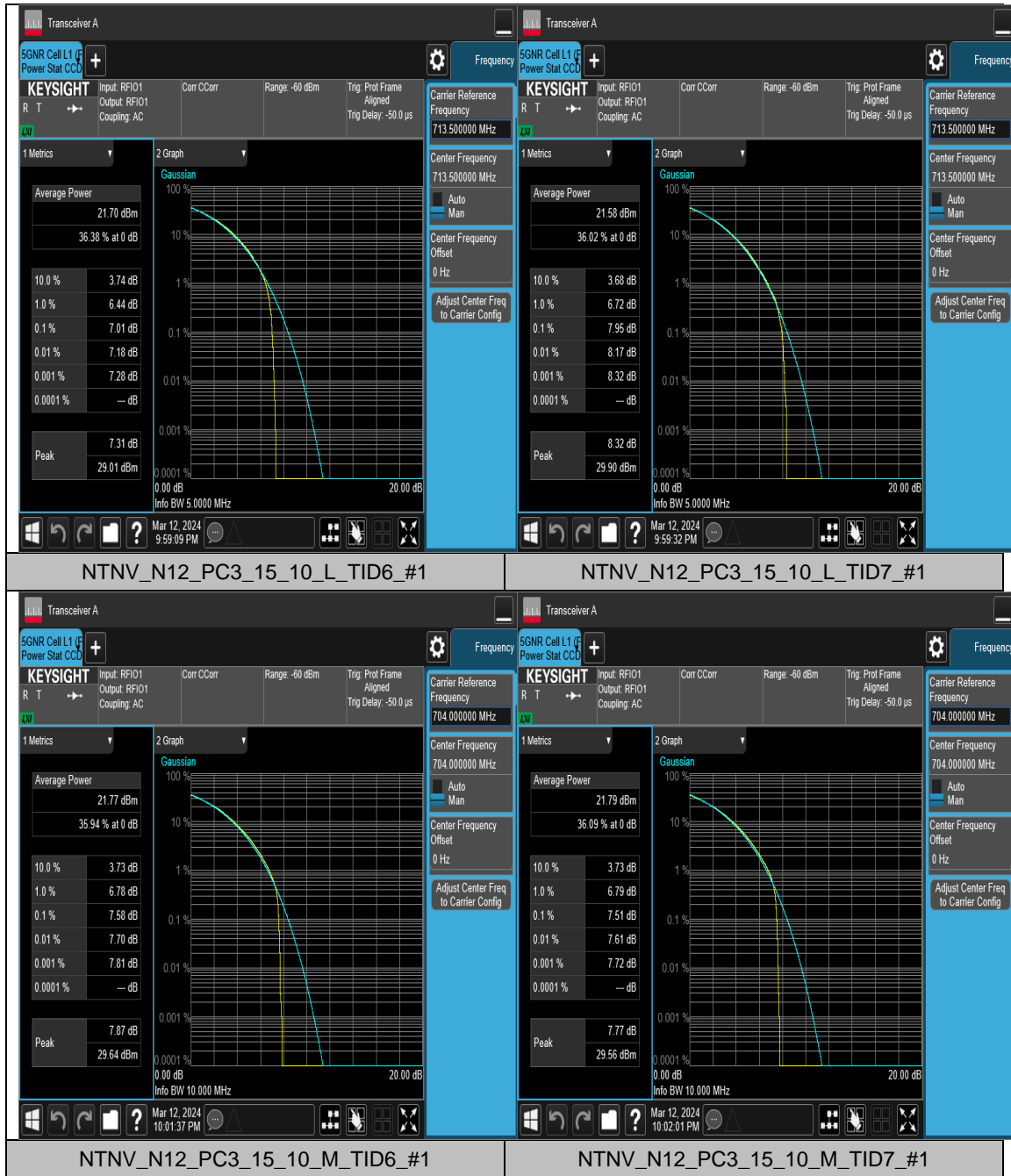
### Peak-to-Average Ratio(CCDF)

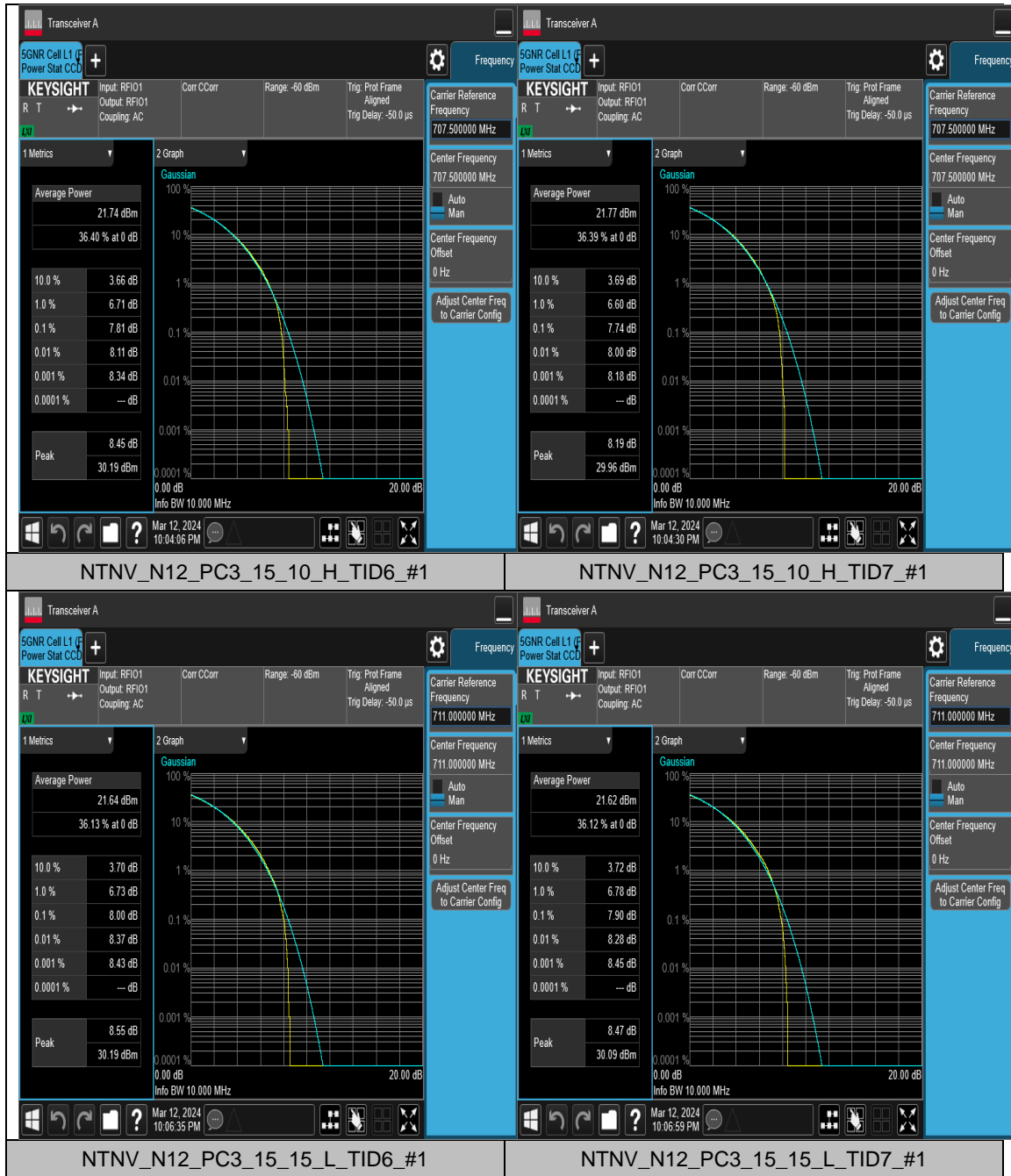
#### Test Result

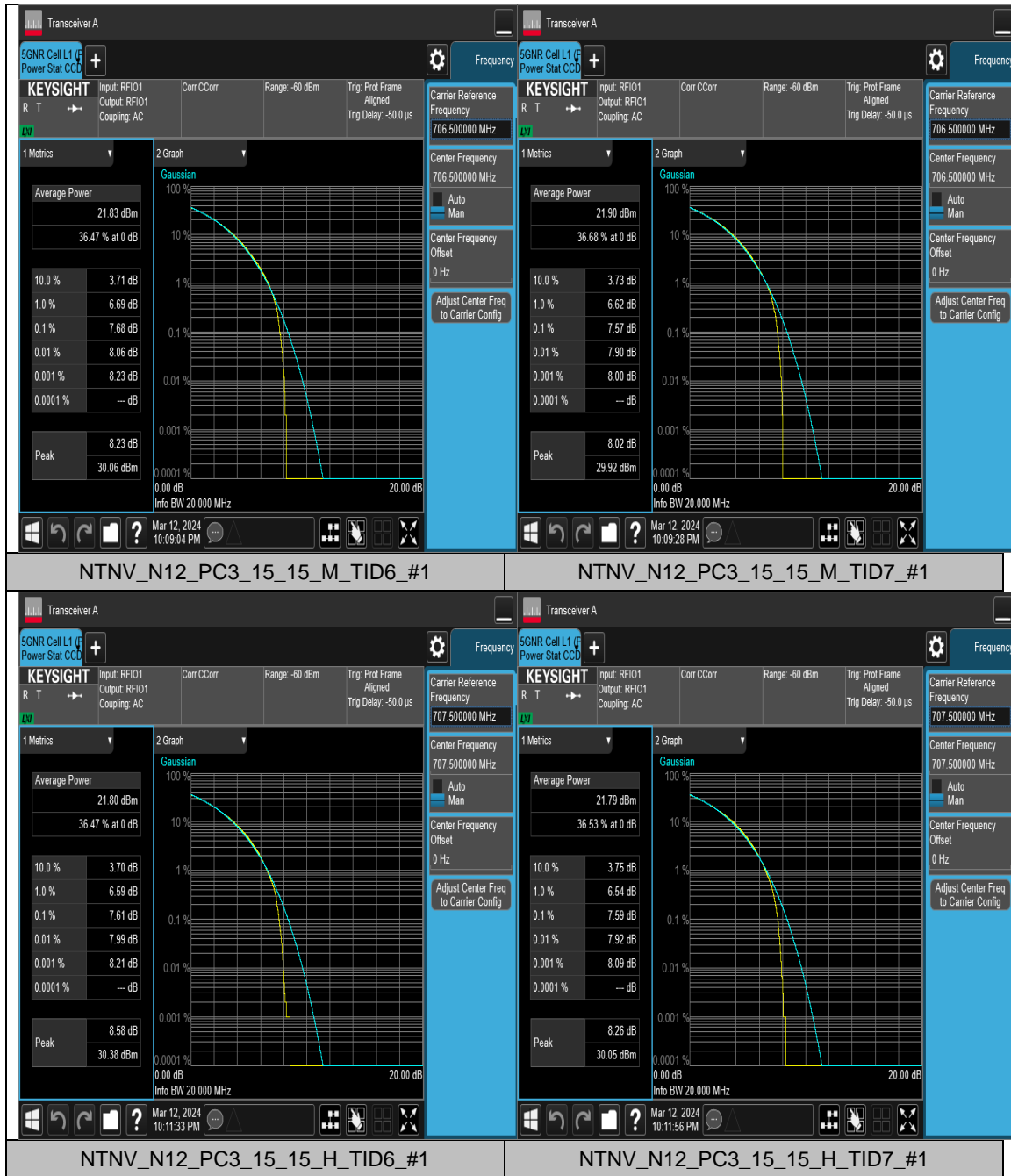
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N12	15	5	CP-QPSK	L	Outer_Full	7.39	≤13	PASS
N12	15	5	CP-16QAM	L	Outer_Full	7.49	≤13	PASS
N12	15	5	CP-QPSK	M	Outer_Full	7.62	≤13	PASS
N12	15	5	CP-16QAM	M	Outer_Full	7.75	≤13	PASS
N12	15	5	CP-QPSK	H	Outer_Full	7.01	≤13	PASS
N12	15	5	CP-16QAM	H	Outer_Full	7.95	≤13	PASS
N12	15	10	CP-QPSK	L	Outer_Full	7.58	≤13	PASS
N12	15	10	CP-16QAM	L	Outer_Full	7.51	≤13	PASS
N12	15	10	CP-QPSK	M	Outer_Full	7.81	≤13	PASS
N12	15	10	CP-16QAM	M	Outer_Full	7.74	≤13	PASS
N12	15	10	CP-QPSK	H	Outer_Full	8.00	≤13	PASS
N12	15	10	CP-16QAM	H	Outer_Full	7.90	≤13	PASS
N12	15	15	CP-QPSK	L	Outer_Full	7.68	≤13	PASS
N12	15	15	CP-16QAM	L	Outer_Full	7.57	≤13	PASS
N12	15	15	CP-QPSK	M	Outer_Full	7.61	≤13	PASS
N12	15	15	CP-16QAM	M	Outer_Full	7.59	≤13	PASS
N12	15	15	CP-QPSK	H	Outer_Full	7.64	≤13	PASS
N12	15	15	CP-16QAM	H	Outer_Full	7.66	≤13	PASS

### Test Graphs

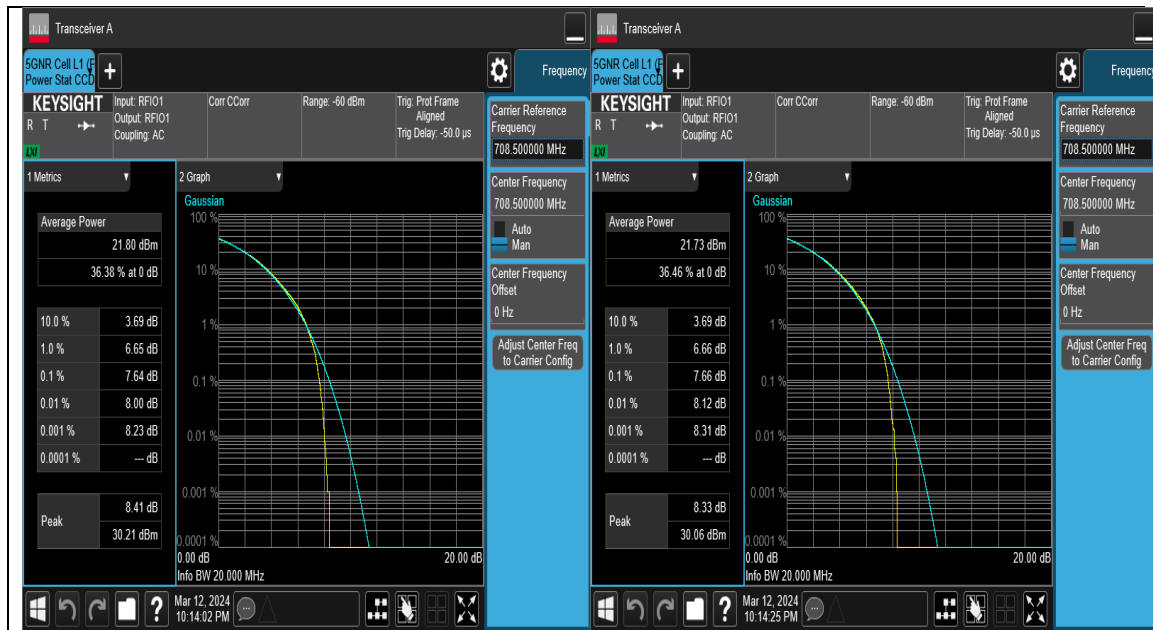










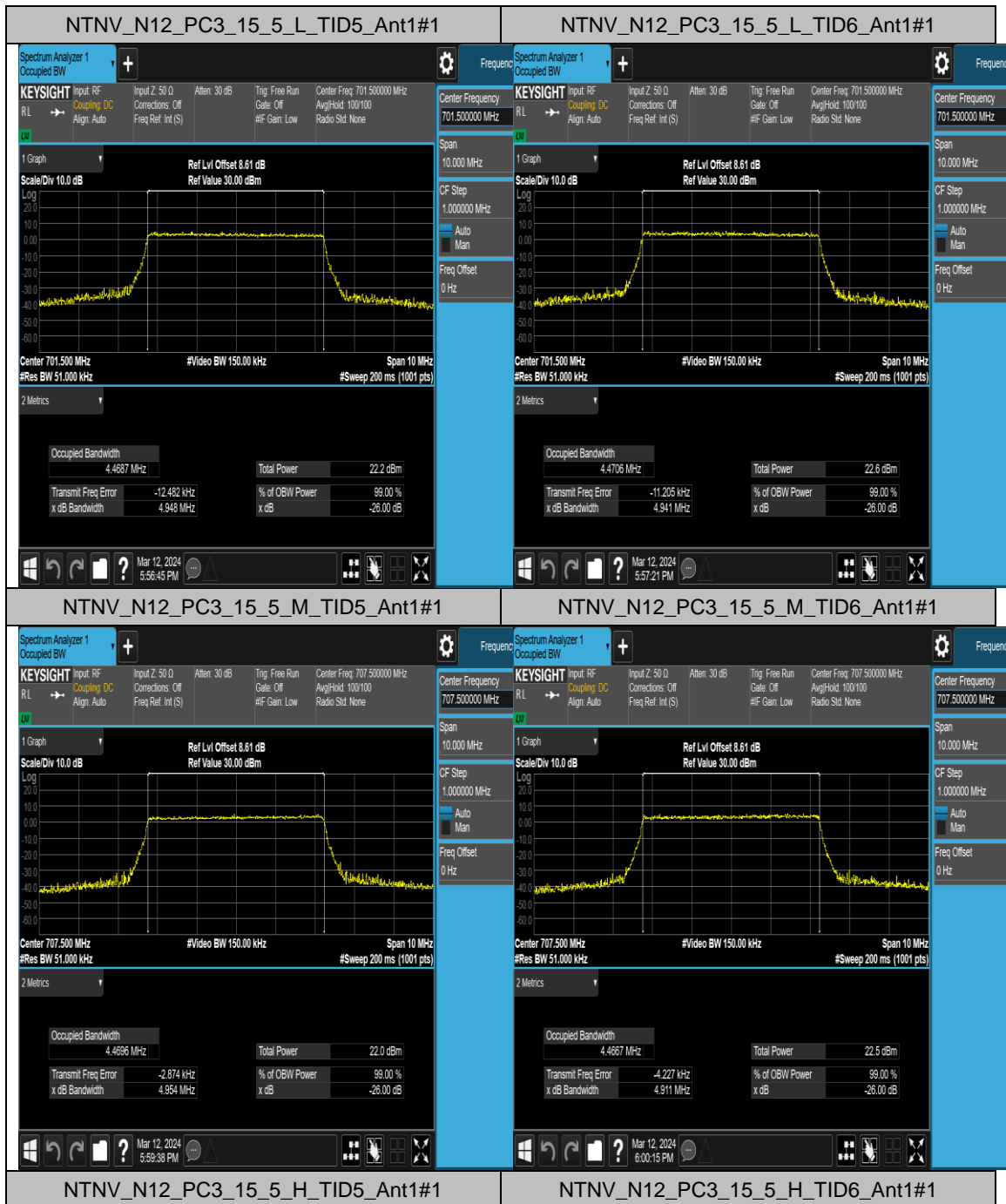


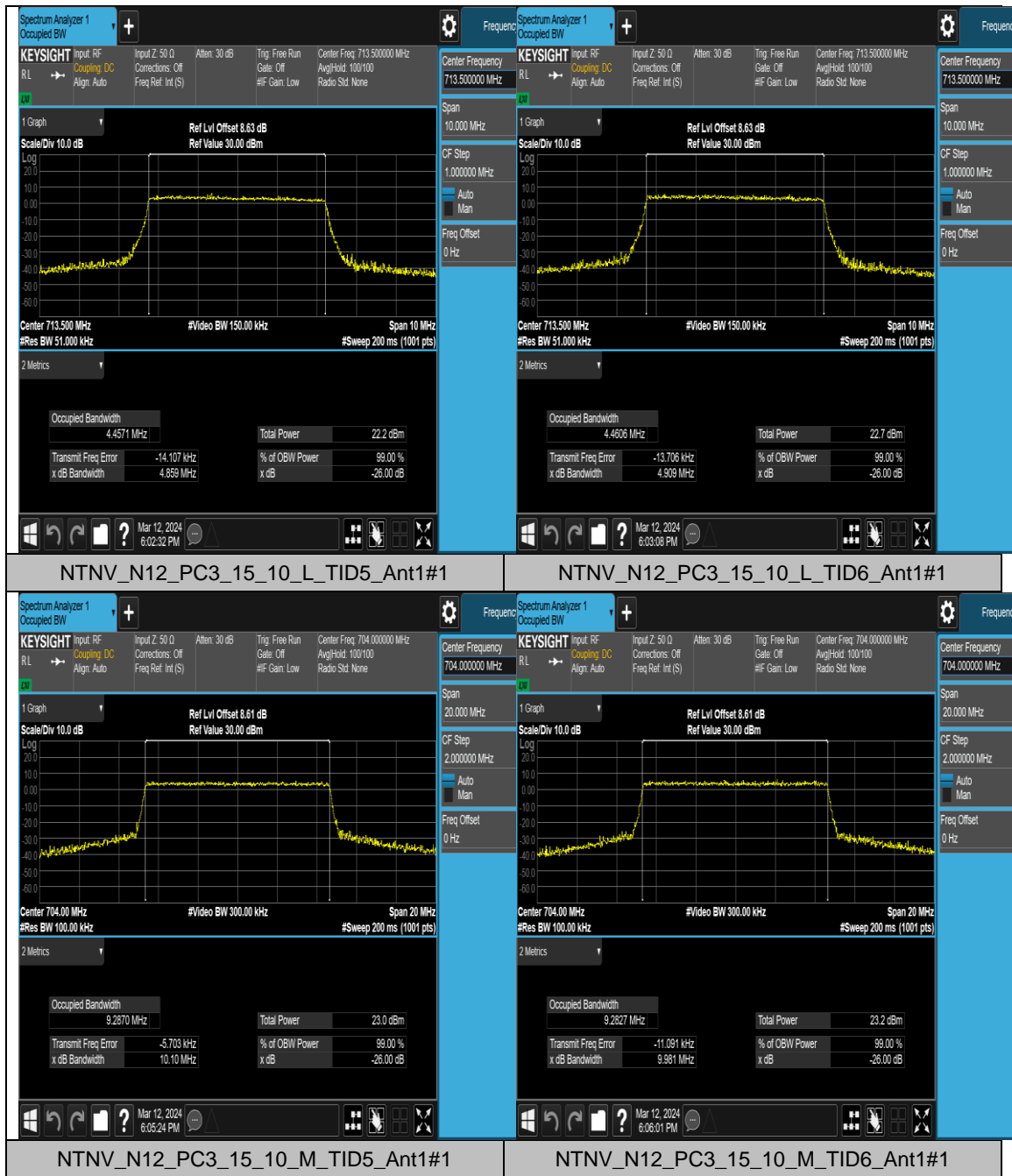
## Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

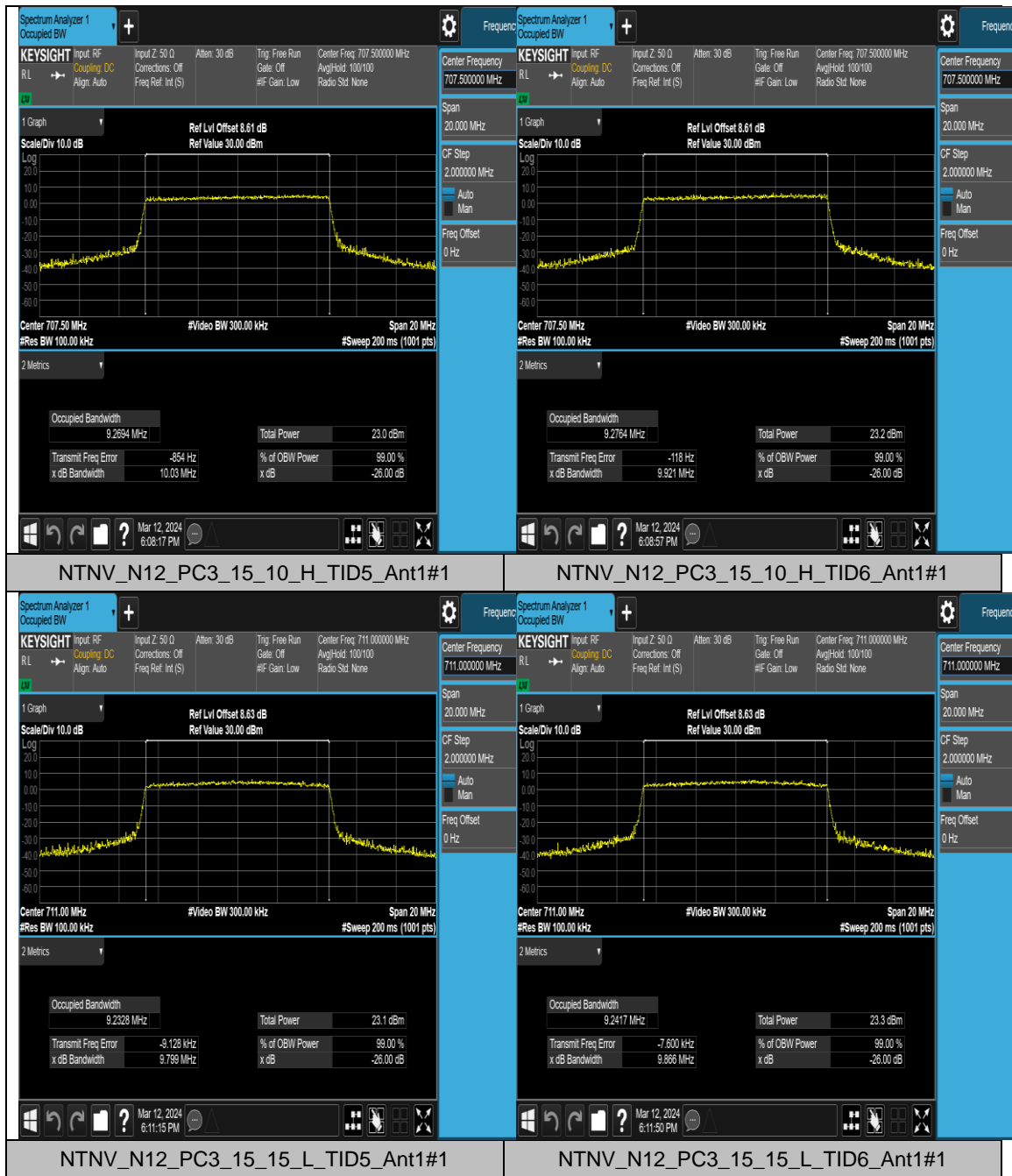
### Test Result

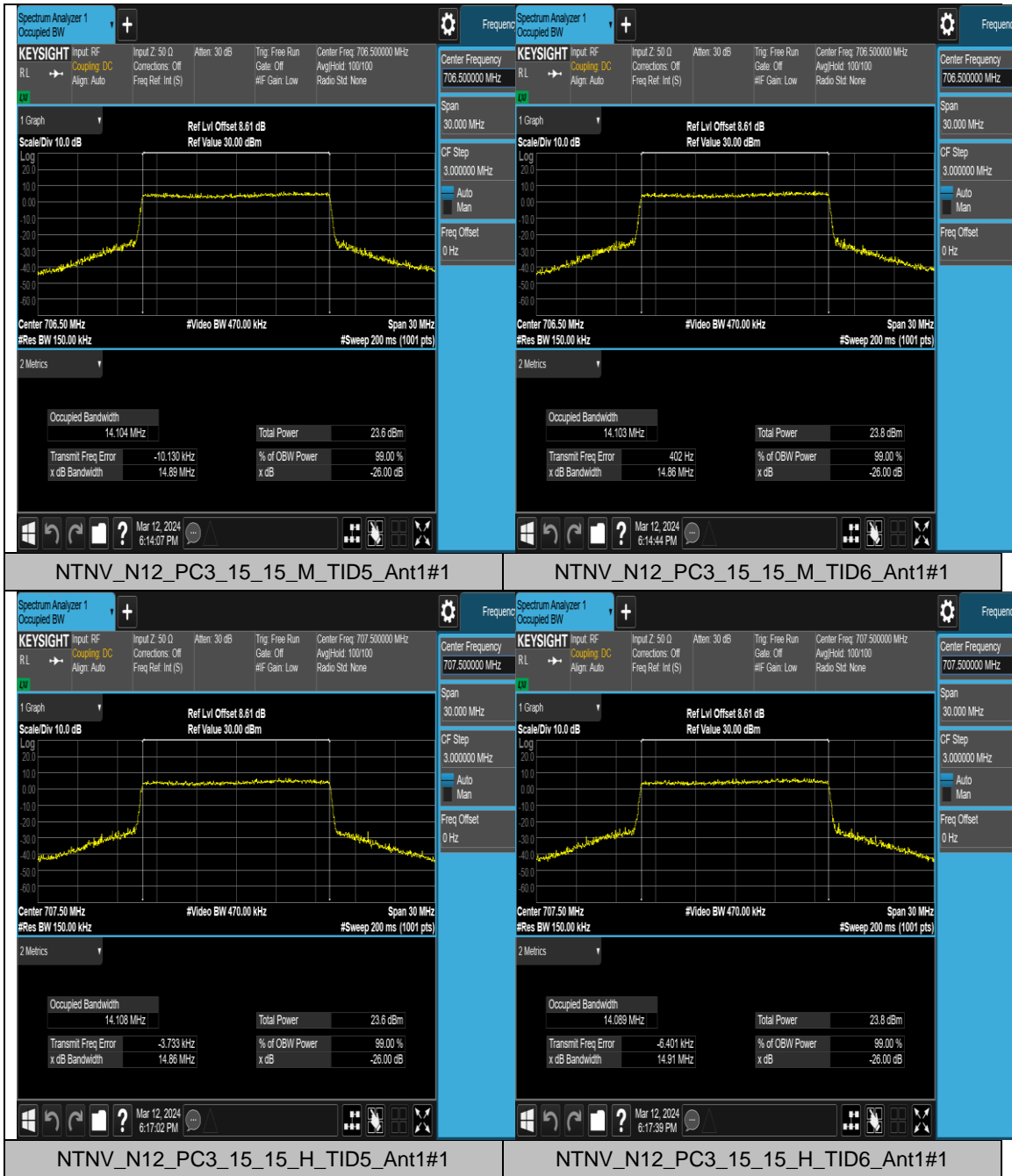
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N12	15	5	CP-QPSK	L	Outer_Full	4.4687	4.948	PASS
N12	15	5	CP-16QAM	L	Outer_Full	4.4706	4.941	PASS
N12	15	5	CP-QPSK	M	Outer_Full	4.4696	4.954	PASS
N12	15	5	CP-16QAM	M	Outer_Full	4.4667	4.911	PASS
N12	15	5	CP-QPSK	H	Outer_Full	4.4571	4.859	PASS
N12	15	5	CP-16QAM	H	Outer_Full	4.4606	4.909	PASS
N12	15	10	CP-QPSK	L	Outer_Full	9.2870	10.10	PASS
N12	15	10	CP-16QAM	L	Outer_Full	9.2827	9.981	PASS
N12	15	10	CP-QPSK	M	Outer_Full	9.2694	10.03	PASS
N12	15	10	CP-16QAM	M	Outer_Full	9.2764	9.921	PASS
N12	15	10	CP-QPSK	H	Outer_Full	9.2328	9.799	PASS
N12	15	10	CP-16QAM	H	Outer_Full	9.2417	9.866	PASS
N12	15	15	CP-QPSK	L	Outer_Full	14.104	14.89	PASS
N12	15	15	CP-16QAM	L	Outer_Full	14.103	14.86	PASS
N12	15	15	CP-QPSK	M	Outer_Full	14.108	14.86	PASS
N12	15	15	CP-16QAM	M	Outer_Full	14.089	14.91	PASS
N12	15	15	CP-QPSK	H	Outer_Full	14.074	14.85	PASS
N12	15	15	CP-16QAM	H	Outer_Full	14.080	14.82	PASS

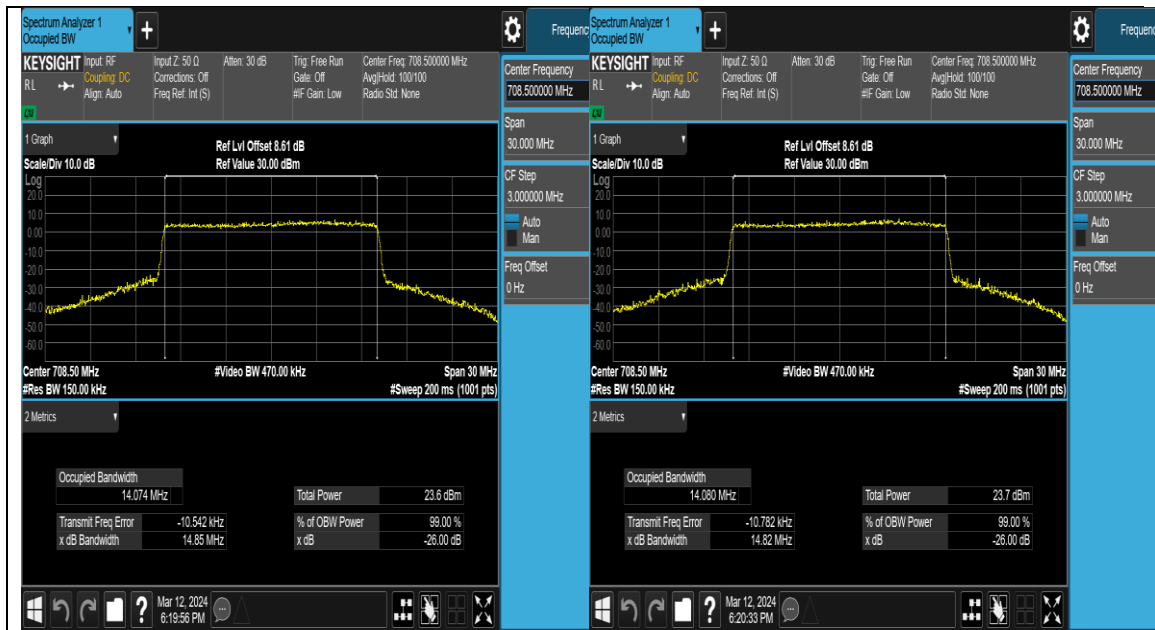
### Test Graphs









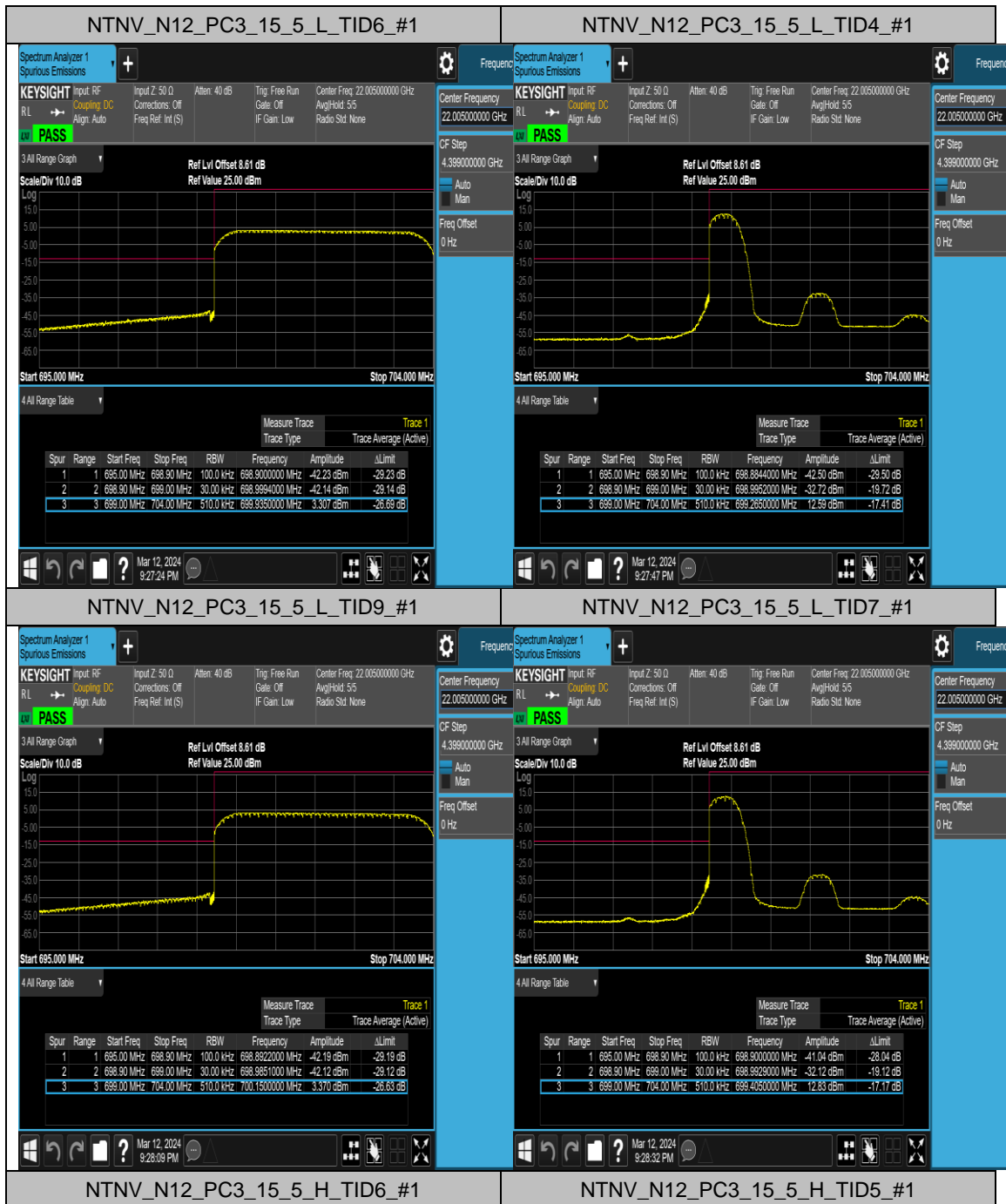


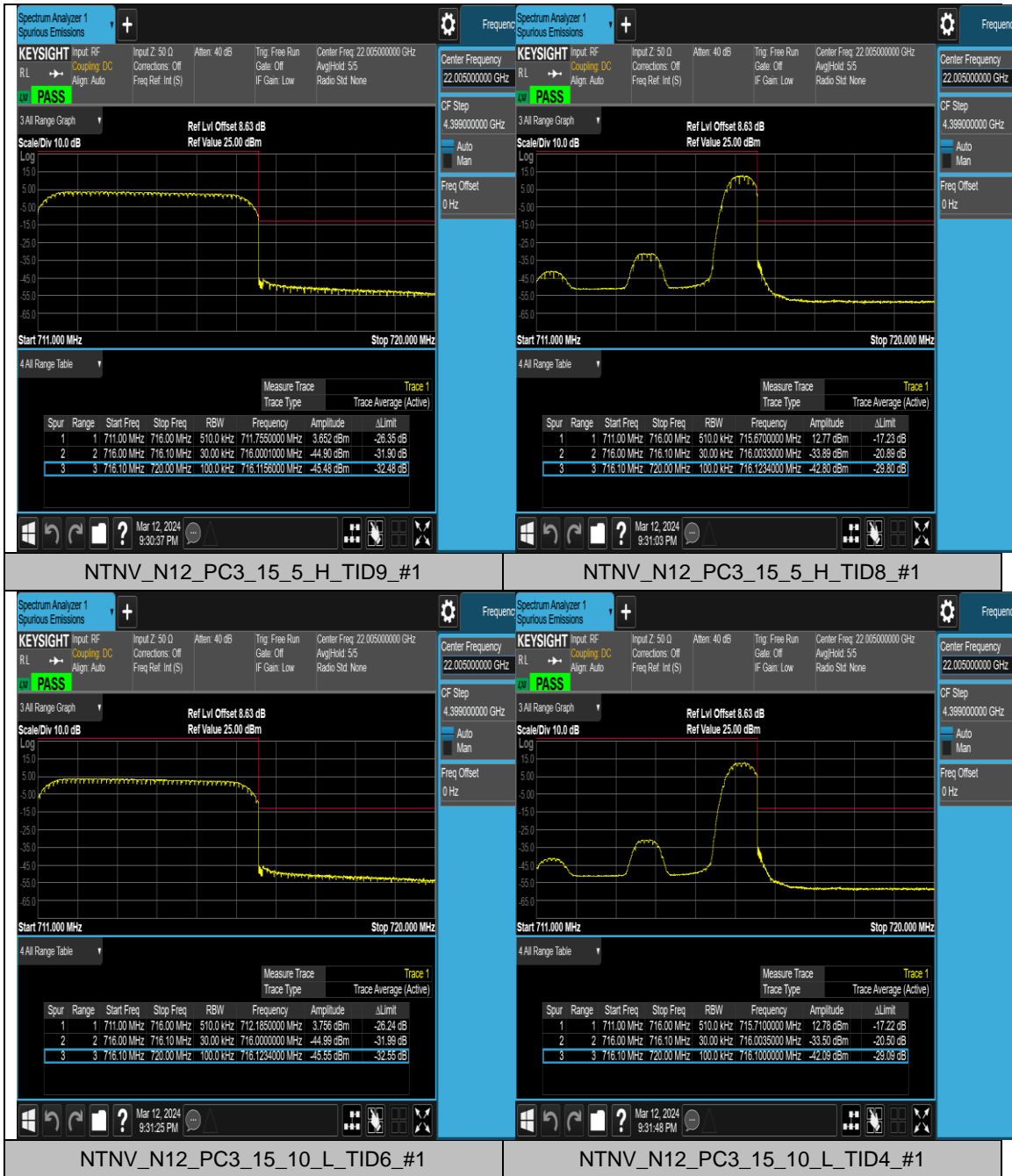
**Appendix D: Band Edge for SA****Test Result**

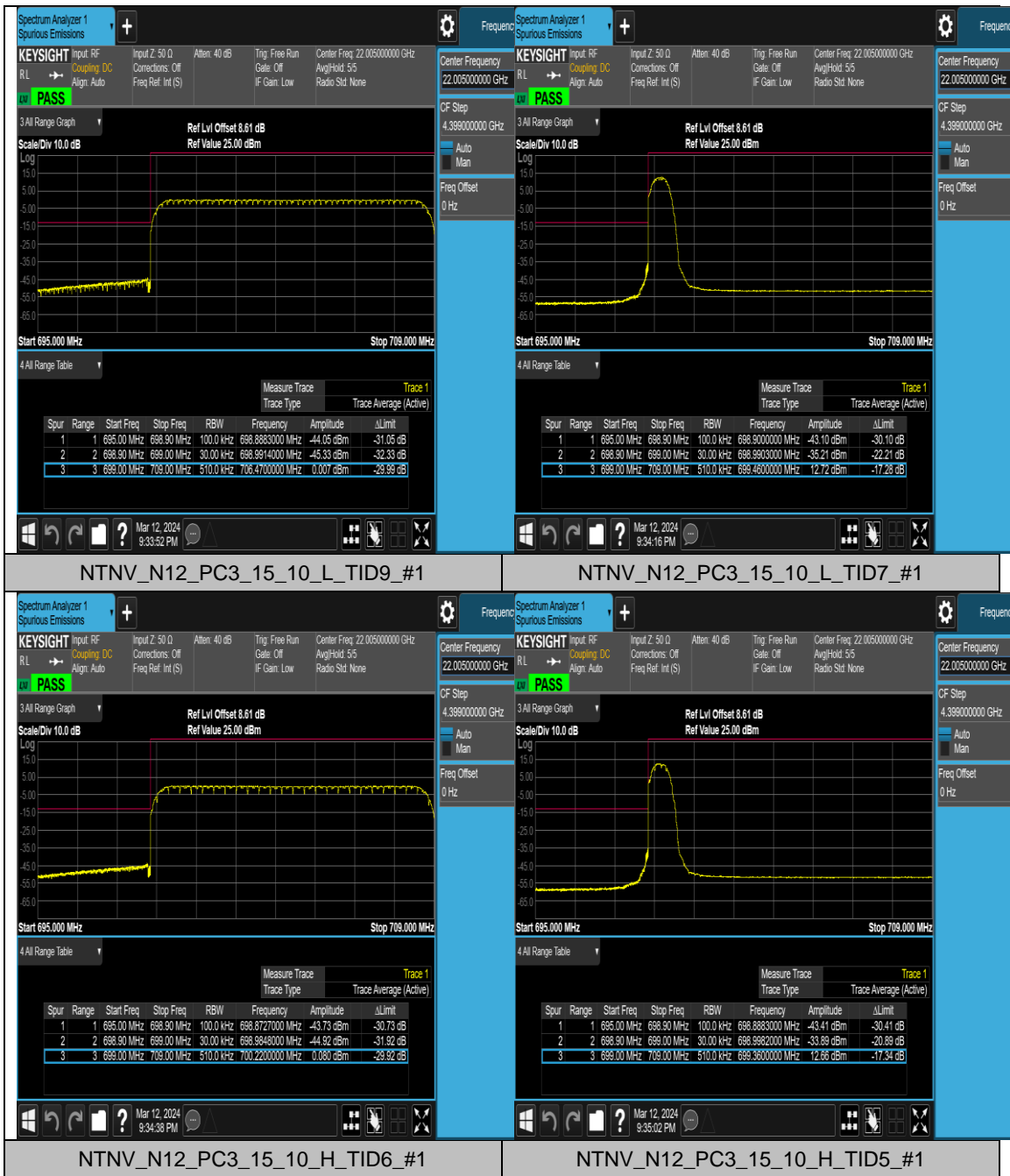
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Verdict
N12	15	5	CP-QPSK	L	Outer_Full	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	PASS
N12	15	5	CP-16QAM	L	Outer_Full	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	PASS
N12	15	5	CP-QPSK	H	Outer_Full	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	PASS
N12	15	5	CP-16QAM	H	Outer_Full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

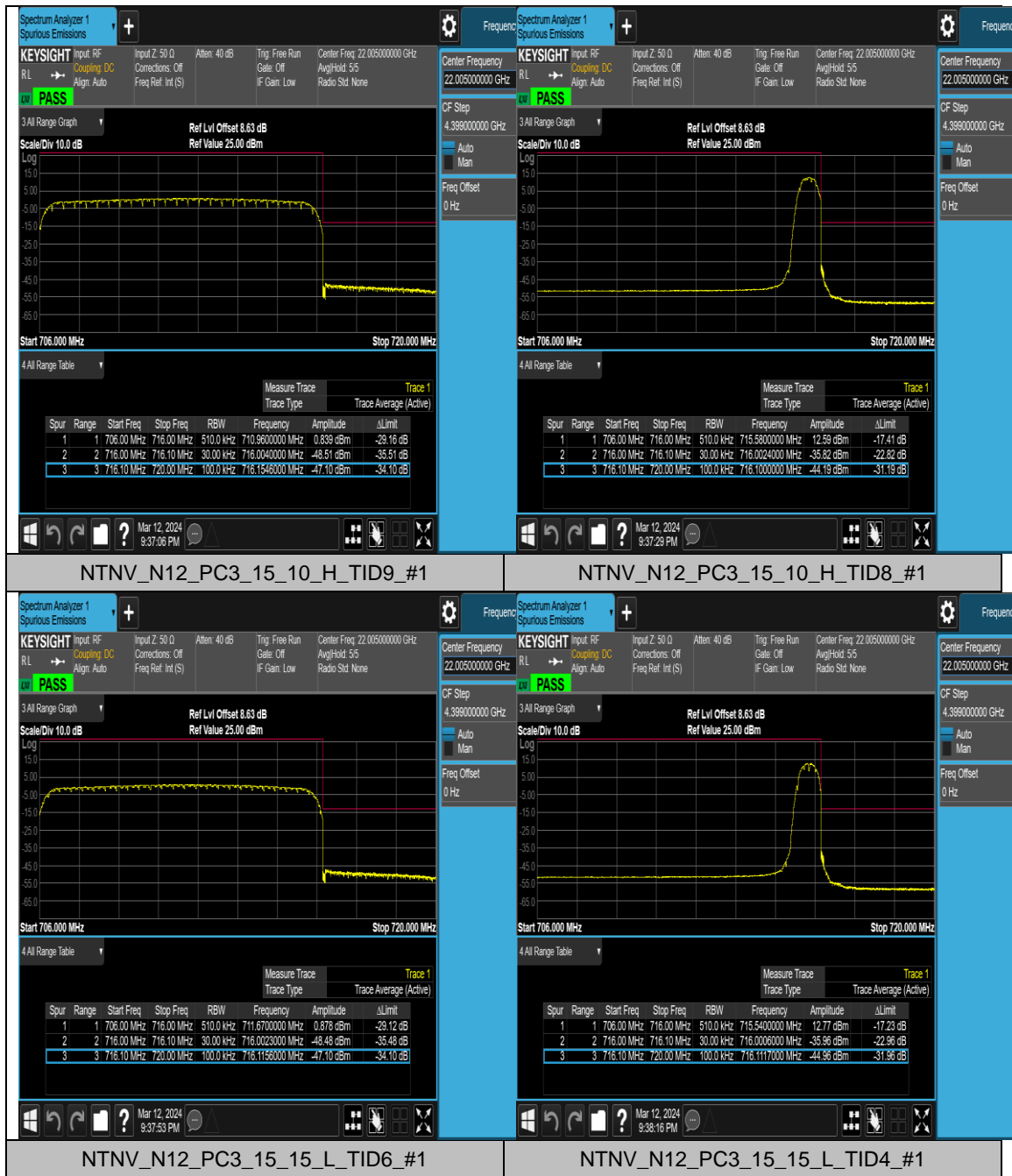


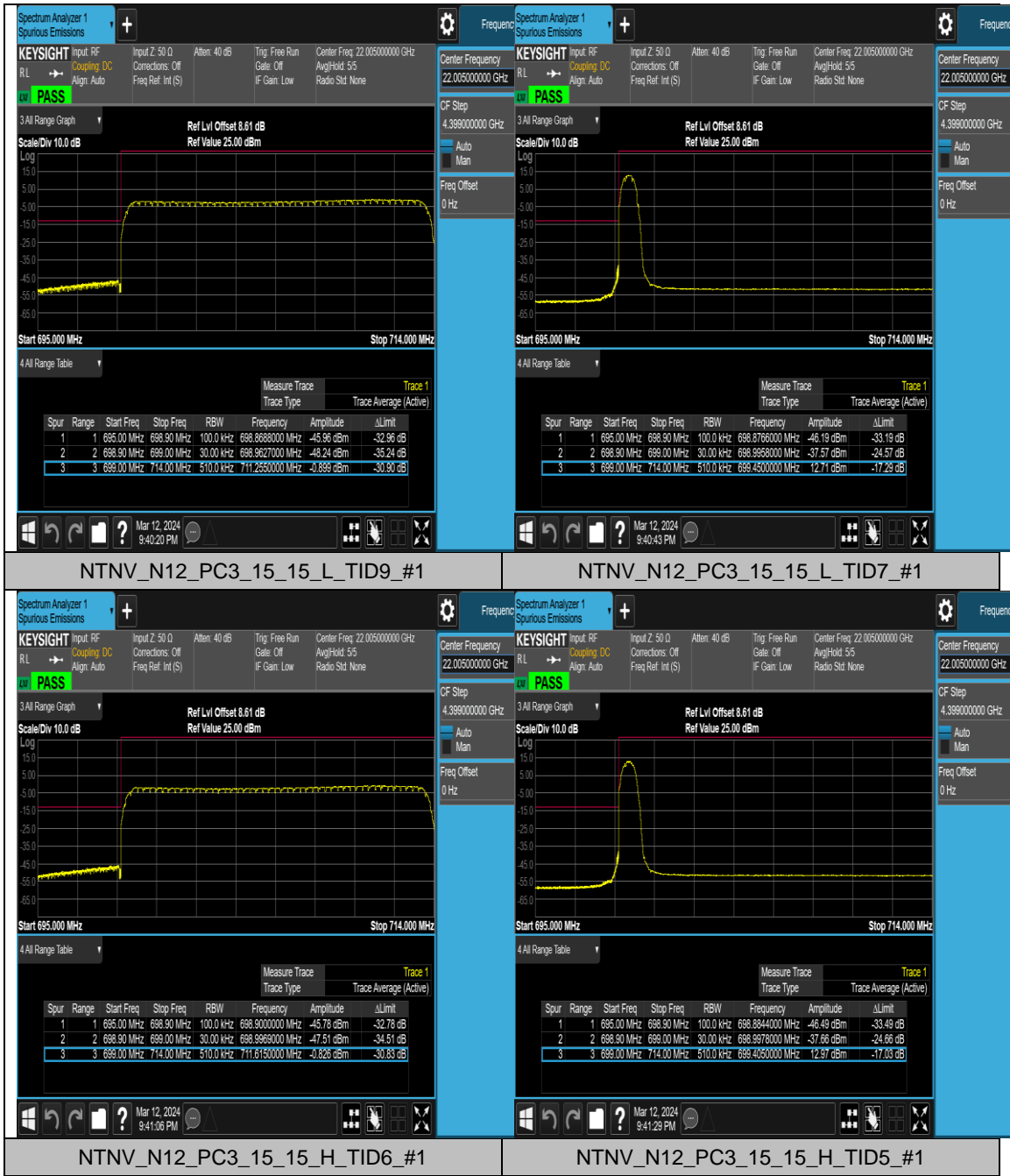
### Test Graphs













## 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	-62.81	-33	PASS
N12	15	5	CP-QPSK	L	Outer_Full	0.15	30	-71.66	-23	PASS
N12	15	5	CP-QPSK	L	Outer_Full	30	1000	-49.71	-13	PASS
N12	15	5	CP-QPSK	L	Outer_Full	1000	3000	-36.71	-13	PASS
N12	15	5	CP-QPSK	L	Outer_Full	3000	12000	-44.05	-13	PASS
N12	15	5	CP-QPSK	L	Outer_Full	12000	20000	-45.31	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	0.009	0.15	-62.61	-33	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	0.15	30	-70.10	-23	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	30	1000	-52.58	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	1000	3000	-36.80	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	3000	12000	-44.09	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Left	12000	20000	-45.49	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	0.009	0.15	-61.97	-33	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	0.15	30	-71.67	-23	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	30	1000	-52.50	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	1000	3000	-36.67	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	3000	12000	-44.20	-13	PASS
N12	15	5	CP-QPSK	L	Edge_1RB_Right	12000	20000	-45.43	-13	PASS
N12	15	5	CP-16QAM	L	Outer_Full	0.009	0.15	-62.49	-33	PASS
N12	15	5	CP-16QAM	L	Outer_Full	0.15	30	-73.62	-23	PASS
N12	15	5	CP-16QAM	L	Outer_Full	30	1000	-49.45	-13	PASS
N12	15	5	CP-16QAM	L	Outer_Full	1000	3000	-36.79	-13	PASS
N12	15	5	CP-16QAM	L	Outer_Full	3000	12000	-44.24	-13	PASS
N12	15	5	CP-16QAM	L	Outer_Full	12000	20000	-45.59	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	0.009	0.15	-63.22	-33	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	0.15	30	-72.59	-23	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	30	1000	-52.51	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	1000	3000	-36.73	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	3000	12000	-44.28	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Left	12000	20000	-45.52	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	0.009	0.15	-61.72	-33	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	0.15	30	-71.15	-23	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	30	1000	-52.44	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	1000	3000	-36.83	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	3000	12000	-44.20	-13	PASS
N12	15	5	CP-16QAM	L	Edge_1RB_Right	12000	20000	-45.58	-13	PASS

N12	15	5	CP-QPSK	M	Outer_Full	0.009	0.15	-62.61	-33	PASS
N12	15	5	CP-QPSK	M	Outer_Full	0.15	30	-73.42	-23	PASS
N12	15	5	CP-QPSK	M	Outer_Full	30	1000	-52.38	-13	PASS
N12	15	5	CP-QPSK	M	Outer_Full	1000	3000	-36.81	-13	PASS
N12	15	5	CP-QPSK	M	Outer_Full	3000	12000	-44.13	-13	PASS
N12	15	5	CP-QPSK	M	Outer_Full	12000	20000	-45.63	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	0.009	0.15	-61.69	-33	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	0.15	30	-72.98	-23	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	30	1000	-52.64	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	1000	3000	-36.68	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	3000	12000	-44.18	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Left	12000	20000	-45.53	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	0.009	0.15	-62.60	-33	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	0.15	30	-71.24	-23	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	30	1000	-52.59	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	1000	3000	-36.83	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	3000	12000	-44.08	-13	PASS
N12	15	5	CP-QPSK	M	Edge_1RB_Right	12000	20000	-45.57	-13	PASS
N12	15	5	CP-16QAM	M	Outer_Full	0.009	0.15	-62.46	-33	PASS
N12	15	5	CP-16QAM	M	Outer_Full	0.15	30	-72.65	-23	PASS
N12	15	5	CP-16QAM	M	Outer_Full	30	1000	-52.54	-13	PASS
N12	15	5	CP-16QAM	M	Outer_Full	1000	3000	-36.71	-13	PASS
N12	15	5	CP-16QAM	M	Outer_Full	3000	12000	-44.26	-13	PASS
N12	15	5	CP-16QAM	M	Outer_Full	12000	20000	-45.54	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	0.009	0.15	-62.41	-33	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	0.15	30	-72.33	-23	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	30	1000	-52.45	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	1000	3000	-36.79	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	3000	12000	-44.24	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Left	12000	20000	-45.49	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	0.009	0.15	-61.43	-33	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	0.15	30	-72.01	-23	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	30	1000	-52.52	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	1000	3000	-36.70	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	3000	12000	-44.15	-13	PASS
N12	15	5	CP-16QAM	M	Edge_1RB_Right	12000	20000	-45.65	-13	PASS
N12	15	5	CP-QPSK	H	Outer_Full	0.009	0.15	-62.41	-33	PASS
N12	15	5	CP-QPSK	H	Outer_Full	0.15	30	-72.63	-23	PASS
N12	15	5	CP-QPSK	H	Outer_Full	30	1000	-49.85	-13	PASS
N12	15	5	CP-QPSK	H	Outer_Full	1000	3000	-36.74	-13	PASS
N12	15	5	CP-QPSK	H	Outer_Full	3000	12000	-44.18	-13	PASS
N12	15	5	CP-QPSK	H	Outer_Full	12000	20000	-45.41	-13	PASS



N12	15	5	CP-QPSK	H	Edge_1RB_Left	0.009	0.15	-62.28	-33	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	0.15	30	-72.56	-23	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	30	1000	-52.46	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	1000	3000	-36.77	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	3000	12000	-44.13	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Left	12000	20000	-45.39	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	0.009	0.15	-61.70	-33	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	0.15	30	-72.24	-23	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	30	1000	-52.22	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	1000	3000	-36.79	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	3000	12000	-44.02	-13	PASS
N12	15	5	CP-QPSK	H	Edge_1RB_Right	12000	20000	-45.29	-13	PASS
N12	15	5	CP-16QAM	H	Outer_Full	0.009	0.15	-62.30	-33	PASS
N12	15	5	CP-16QAM	H	Outer_Full	0.15	30	-73.21	-23	PASS
N12	15	5	CP-16QAM	H	Outer_Full	30	1000	-50.00	-13	PASS
N12	15	5	CP-16QAM	H	Outer_Full	1000	3000	-36.67	-13	PASS
N12	15	5	CP-16QAM	H	Outer_Full	3000	12000	-44.09	-13	PASS
N12	15	5	CP-16QAM	H	Outer_Full	12000	20000	-45.32	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	0.009	0.15	-60.06	-33	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	0.15	30	-72.61	-23	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	30	1000	-52.50	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	1000	3000	-36.69	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	3000	12000	-44.12	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Left	12000	20000	-45.34	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	0.009	0.15	-63.24	-33	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	0.15	30	-72.94	-23	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	30	1000	-52.47	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	1000	3000	-36.75	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	3000	12000	-44.03	-13	PASS
N12	15	5	CP-16QAM	H	Edge_1RB_Right	12000	20000	-45.44	-13	PASS
N12	15	10	CP-QPSK	L	Outer_Full	0.009	0.15	-62.38	-33	PASS
N12	15	10	CP-QPSK	L	Outer_Full	0.15	30	-72.47	-23	PASS
N12	15	10	CP-QPSK	L	Outer_Full	30	1000	-47.83	-13	PASS
N12	15	10	CP-QPSK	L	Outer_Full	1000	3000	-36.70	-13	PASS
N12	15	10	CP-QPSK	L	Outer_Full	3000	12000	-43.98	-13	PASS
N12	15	10	CP-QPSK	L	Outer_Full	12000	20000	-45.38	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	0.009	0.15	-61.27	-33	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	0.15	30	-70.70	-23	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	30	1000	-52.28	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	1000	3000	-36.76	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	3000	12000	-44.03	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Left	12000	20000	-45.26	-13	PASS

N12	15	10	CP-QPSK	L	Edge_1RB_Right	0.009	0.15	-62.85	-33	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	0.15	30	-71.40	-23	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	30	1000	-52.29	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	1000	3000	-36.33	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	3000	12000	-44.14	-13	PASS
N12	15	10	CP-QPSK	L	Edge_1RB_Right	12000	20000	-45.46	-13	PASS
N12	15	10	CP-16QAM	L	Outer_Full	0.009	0.15	-62.47	-33	PASS
N12	15	10	CP-16QAM	L	Outer_Full	0.15	30	-71.89	-23	PASS
N12	15	10	CP-16QAM	L	Outer_Full	30	1000	-47.84	-13	PASS
N12	15	10	CP-16QAM	L	Outer_Full	1000	3000	-36.48	-13	PASS
N12	15	10	CP-16QAM	L	Outer_Full	3000	12000	-43.87	-13	PASS
N12	15	10	CP-16QAM	L	Outer_Full	12000	20000	-45.45	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	0.009	0.15	-62.85	-33	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	0.15	30	-70.33	-23	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	30	1000	-52.71	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	1000	3000	-36.52	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	3000	12000	-44.15	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Left	12000	20000	-45.42	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	0.009	0.15	-61.97	-33	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	0.15	30	-73.17	-23	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	30	1000	-52.70	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	1000	3000	-36.47	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	3000	12000	-44.10	-13	PASS
N12	15	10	CP-16QAM	L	Edge_1RB_Right	12000	20000	-45.52	-13	PASS
N12	15	10	CP-QPSK	M	Outer_Full	0.009	0.15	-62.59	-33	PASS
N12	15	10	CP-QPSK	M	Outer_Full	0.15	30	-72.21	-23	PASS
N12	15	10	CP-QPSK	M	Outer_Full	30	1000	-49.83	-13	PASS
N12	15	10	CP-QPSK	M	Outer_Full	1000	3000	-36.41	-13	PASS
N12	15	10	CP-QPSK	M	Outer_Full	3000	12000	-44.15	-13	PASS
N12	15	10	CP-QPSK	M	Outer_Full	12000	20000	-45.15	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	0.009	0.15	-62.37	-33	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	0.15	30	-71.15	-23	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	30	1000	-52.50	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	1000	3000	-36.43	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	3000	12000	-43.98	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Left	12000	20000	-45.38	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	0.009	0.15	-62.62	-33	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	0.15	30	-71.62	-23	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	30	1000	-52.70	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	1000	3000	-36.52	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	3000	12000	-44.22	-13	PASS
N12	15	10	CP-QPSK	M	Edge_1RB_Right	12000	20000	-45.42	-13	PASS

N12	15	10	CP-16QAM	M	Outer_Full	0.009	0.15	-64.01	-33	PASS
N12	15	10	CP-16QAM	M	Outer_Full	0.15	30	-73.74	-23	PASS
N12	15	10	CP-16QAM	M	Outer_Full	30	1000	-49.67	-13	PASS
N12	15	10	CP-16QAM	M	Outer_Full	1000	3000	-36.51	-13	PASS
N12	15	10	CP-16QAM	M	Outer_Full	3000	12000	-44.16	-13	PASS
N12	15	10	CP-16QAM	M	Outer_Full	12000	20000	-45.50	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	0.009	0.15	-61.92	-33	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	0.15	30	-72.81	-23	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	30	1000	-52.50	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	1000	3000	-36.62	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	3000	12000	-44.22	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Left	12000	20000	-45.53	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	0.009	0.15	-61.84	-33	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	0.15	30	-72.00	-23	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	30	1000	-52.52	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	1000	3000	-36.79	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	3000	12000	-44.08	-13	PASS
N12	15	10	CP-16QAM	M	Edge_1RB_Right	12000	20000	-45.38	-13	PASS
N12	15	10	CP-QPSK	H	Outer_Full	0.009	0.15	-60.83	-33	PASS
N12	15	10	CP-QPSK	H	Outer_Full	0.15	30	-73.37	-23	PASS
N12	15	10	CP-QPSK	H	Outer_Full	30	1000	-48.25	-13	PASS
N12	15	10	CP-QPSK	H	Outer_Full	1000	3000	-36.67	-13	PASS
N12	15	10	CP-QPSK	H	Outer_Full	3000	12000	-43.92	-13	PASS
N12	15	10	CP-QPSK	H	Outer_Full	12000	20000	-45.37	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	0.009	0.15	-62.62	-33	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	0.15	30	-72.45	-23	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	30	1000	-52.19	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	1000	3000	-36.77	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	3000	12000	-44.03	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Left	12000	20000	-45.50	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	0.009	0.15	-62.68	-33	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	0.15	30	-72.94	-23	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	30	1000	-52.45	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	1000	3000	-36.70	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	3000	12000	-44.12	-13	PASS
N12	15	10	CP-QPSK	H	Edge_1RB_Right	12000	20000	-45.50	-13	PASS
N12	15	10	CP-16QAM	H	Outer_Full	0.009	0.15	-60.80	-33	PASS
N12	15	10	CP-16QAM	H	Outer_Full	0.15	30	-71.90	-23	PASS
N12	15	10	CP-16QAM	H	Outer_Full	30	1000	-48.34	-13	PASS
N12	15	10	CP-16QAM	H	Outer_Full	1000	3000	-36.74	-13	PASS
N12	15	10	CP-16QAM	H	Outer_Full	3000	12000	-44.06	-13	PASS
N12	15	10	CP-16QAM	H	Outer_Full	12000	20000	-45.51	-13	PASS

N12	15	10	CP-16QAM	H	Edge_1RB_Left	0.009	0.15	-61.97	-33	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	0.15	30	-71.94	-23	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	30	1000	-52.34	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	1000	3000	-36.80	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	3000	12000	-44.19	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Left	12000	20000	-45.39	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	0.009	0.15	-62.56	-33	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	0.15	30	-72.17	-23	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	30	1000	-52.56	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	1000	3000	-36.75	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	3000	12000	-44.19	-13	PASS
N12	15	10	CP-16QAM	H	Edge_1RB_Right	12000	20000	-45.26	-13	PASS
N12	15	15	CP-QPSK	L	Outer_Full	0.009	0.15	-62.38	-33	PASS
N12	15	15	CP-QPSK	L	Outer_Full	0.15	30	-72.33	-23	PASS
N12	15	15	CP-QPSK	L	Outer_Full	30	1000	-48.41	-13	PASS
N12	15	15	CP-QPSK	L	Outer_Full	1000	3000	-36.43	-13	PASS
N12	15	15	CP-QPSK	L	Outer_Full	3000	12000	-44.01	-13	PASS
N12	15	15	CP-QPSK	L	Outer_Full	12000	20000	-45.47	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	0.009	0.15	-62.93	-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	-52.38	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	1000	3000	-36.32	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	3000	12000	-44.07	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Left	12000	20000	-45.45	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	0.009	0.15	-61.93	-33	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	0.15	30	-71.70	-23	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	30	1000	-52.29	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	1000	3000	-36.51	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	3000	12000	-44.08	-13	PASS
N12	15	15	CP-QPSK	L	Edge_1RB_Right	12000	20000	-45.30	-13	PASS
N12	15	15	CP-16QAM	L	Outer_Full	0.009	0.15	-62.22	-33	PASS
N12	15	15	CP-16QAM	L	Outer_Full	0.15	30	-73.60	-23	PASS
N12	15	15	CP-16QAM	L	Outer_Full	30	1000	-47.10	-13	PASS
N12	15	15	CP-16QAM	L	Outer_Full	1000	3000	-36.40	-13	PASS
N12	15	15	CP-16QAM	L	Outer_Full	3000	12000	-44.08	-13	PASS
N12	15	15	CP-16QAM	L	Outer_Full	12000	20000	-45.43	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	0.009	0.15	-62.02	-33	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	0.15	30	-71.77	-23	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	30	1000	-52.63	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	1000	3000	-36.49	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	3000	12000	-44.01	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Left	12000	20000	-45.44	-13	PASS

N12	15	15	CP-16QAM	L	Edge_1RB_Right	0.009	0.15	-63.18	-33	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	0.15	30	-71.18	-23	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	30	1000	-52.37	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	1000	3000	-36.46	-13	PASS
N12	15	15	CP-16QAM	L	Edge_1RB_Right	3000	12000	-44.06	-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	-61.30	-33	PASS
N12	15	15	CP-QPSK	M	Outer_Full	0.15	30	-73.00	-23	PASS
N12	15	15	CP-QPSK	M	Outer_Full	30	1000	-48.87	-13	PASS
N12	15	15	CP-QPSK	M	Outer_Full	1000	3000	-36.46	-13	PASS
N12	15	15	CP-QPSK	M	Outer_Full	3000	12000	-44.00	-13	PASS
N12	15	15	CP-QPSK	M	Outer_Full	12000	20000	-45.41	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	0.009	0.15	-62.53	-33	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	0.15	30	-71.57	-23	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	30	1000	-52.39	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	1000	3000	-36.49	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	3000	12000	-43.96	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Left	12000	20000	-45.32	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	0.009	0.15	-62.37	-33	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	0.15	30	-72.76	-23	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	30	1000	-52.36	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	1000	3000	-36.32	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	3000	12000	-44.09	-13	PASS
N12	15	15	CP-QPSK	M	Edge_1RB_Right	12000	20000	-45.29	-13	PASS
N12	15	15	CP-16QAM	M	Outer_Full	0.009	0.15	-62.31	-33	PASS
N12	15	15	CP-16QAM	M	Outer_Full	0.15	30	-72.49	-23	PASS
N12	15	15	CP-16QAM	M	Outer_Full	30	1000	-48.72	-13	PASS
N12	15	15	CP-16QAM	M	Outer_Full	1000	3000	-36.54	-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	-45.45	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	0.009	0.15	-62.68	-33	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	0.15	30	-71.44	-23	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	30	1000	-52.12	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	1000	3000	-36.71	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	3000	12000	-44.03	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Left	12000	20000	-45.44	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	0.009	0.15	-61.74	-33	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	0.15	30	-72.87	-23	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	30	1000	-52.35	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	1000	3000	-36.78	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	3000	12000	-43.93	-13	PASS
N12	15	15	CP-16QAM	M	Edge_1RB_Right	12000	20000	-45.43	-13	PASS

N12	15	15	CP-QPSK	H	Outer_Full	0.009	0.15	-63.22	-33	PASS
N12	15	15	CP-QPSK	H	Outer_Full	0.15	30	-72.66	-23	PASS
N12	15	15	CP-QPSK	H	Outer_Full	30	1000	-47.80	-13	PASS
N12	15	15	CP-QPSK	H	Outer_Full	1000	3000	-36.71	-13	PASS
N12	15	15	CP-QPSK	H	Outer_Full	3000	12000	-44.13	-13	PASS
N12	15	15	CP-QPSK	H	Outer_Full	12000	20000	-45.30	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	0.009	0.15	-62.39	-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	-52.28	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	1000	3000	-36.73	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	3000	12000	-44.15	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Left	12000	20000	-45.50	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	0.009	0.15	-62.59	-33	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	0.15	30	-71.43	-23	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	30	1000	-52.61	-13	PASS
N12	15	15	CP-QPSK	H	Edge_1RB_Right	1000	3000	-36.63	-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	-45.36	-13	PASS
N12	15	15	CP-16QAM	H	Outer_Full	0.009	0.15	-62.11	-33	PASS
N12	15	15	CP-16QAM	H	Outer_Full	0.15	30	-73.43	-23	PASS
N12	15	15	CP-16QAM	H	Outer_Full	30	1000	-48.08	-13	PASS
N12	15	15	CP-16QAM	H	Outer_Full	1000	3000	-36.80	-13	PASS
N12	15	15	CP-16QAM	H	Outer_Full	3000	12000	-44.02	-13	PASS
N12	15	15	CP-16QAM	H	Outer_Full	12000	20000	-45.41	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	0.009	0.15	-60.45	-33	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	0.15	30	-72.02	-23	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	30	1000	-52.47	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	1000	3000	-36.71	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	3000	12000	-44.08	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Left	12000	20000	-45.35	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	0.009	0.15	-61.35	-33	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	0.15	30	-72.15	-23	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	30	1000	-52.52	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	1000	3000	-36.54	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	3000	12000	-44.11	-13	PASS
N12	15	15	CP-16QAM	H	Edge_1RB_Right	12000	20000	-45.17	-13	PASS

Test Graphs

