

## **Appendix for N66**

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
N66	15	5	CP-QPSK	L	Outer_Full	21.27	PC3	PASS
N66	15	5	CP-QPSK	L	Edge_1RB_Left	21.17	PC3	PASS
N66	15	5	CP-QPSK	L	Inner_Full	22.65	PC3	PASS
N66	15	5	CP-QPSK	L	Edge_1RB_Right	21.34	PC3	PASS
N66	15	5	CP-16QAM	L	Outer_Full	21.32	PC3	PASS
N66	15	5	CP-16QAM	L	Edge_1RB_Left	21.32	PC3	PASS
N66	15	5	CP-16QAM	L	Inner_Full	22.34	PC3	PASS
N66	15	5	CP-16QAM	L	Edge_1RB_Right	21.66	PC3	PASS
N66	15	5	CP-QPSK	M	Outer_Full	21.26	PC3	PASS
N66	15	5	CP-QPSK	M	Edge_1RB_Left	21.23	PC3	PASS
N66	15	5	CP-QPSK	M	Inner_Full	22.67	PC3	PASS
N66	15	5	CP-QPSK	M	Edge_1RB_Right	21.09	PC3	PASS
N66	15	5	CP-16QAM	M	Outer_Full	21.13	PC3	PASS
N66	15	5	CP-16QAM	M	Edge_1RB_Left	20.88	PC3	PASS
N66	15	5	CP-16QAM	M	Inner_Full	22.10	PC3	PASS
N66	15	5	CP-16QAM	M	Edge_1RB_Right	21.46	PC3	PASS
N66	15	5	CP-QPSK	H	Outer_Full	21.24	PC3	PASS
N66	15	5	CP-QPSK	H	Edge_1RB_Left	21.25	PC3	PASS
N66	15	5	CP-QPSK	H	Inner_Full	22.73	PC3	PASS
N66	15	5	CP-QPSK	H	Edge_1RB_Right	21.22	PC3	PASS
N66	15	5	CP-16QAM	H	Outer_Full	21.24	PC3	PASS
N66	15	5	CP-16QAM	H	Edge_1RB_Left	21.31	PC3	PASS
N66	15	5	CP-16QAM	H	Inner_Full	22.36	PC3	PASS
N66	15	5	CP-16QAM	H	Edge_1RB_Right	20.82	PC3	PASS
N66	15	10	CP-QPSK	L	Outer_Full	21.24	PC3	PASS
N66	15	10	CP-QPSK	L	Edge_1RB_Left	21.26	PC3	PASS
N66	15	10	CP-QPSK	L	Inner_Full	22.77	PC3	PASS
N66	15	10	CP-QPSK	L	Edge_1RB_Right	21.43	PC3	PASS
N66	15	10	CP-16QAM	L	Outer_Full	21.21	PC3	PASS
N66	15	10	CP-16QAM	L	Edge_1RB_Left	21.08	PC3	PASS
N66	15	10	CP-16QAM	L	Inner_Full	22.35	PC3	PASS
N66	15	10	CP-16QAM	L	Edge_1RB_Right	21.73	PC3	PASS
N66	15	10	CP-QPSK	M	Outer_Full	21.30	PC3	PASS
N66	15	10	CP-QPSK	M	Edge_1RB_Left	21.24	PC3	PASS
N66	15	10	CP-QPSK	M	Inner_Full	22.62	PC3	PASS

N66	15	10	CP-QPSK	M	Edge_1RB_Right	21.38	PC3	PASS
N66	15	10	CP-16QAM	M	Outer_Full	21.19	PC3	PASS
N66	15	10	CP-16QAM	M	Edge_1RB_Left	21.10	PC3	PASS
N66	15	10	CP-16QAM	M	Inner_Full	22.00	PC3	PASS
N66	15	10	CP-16QAM	M	Edge_1RB_Right	21.24	PC3	PASS
N66	15	10	CP-QPSK	H	Outer_Full	21.35	PC3	PASS
N66	15	10	CP-QPSK	H	Edge_1RB_Left	21.23	PC3	PASS
N66	15	10	CP-QPSK	H	Inner_Full	22.84	PC3	PASS
N66	15	10	CP-QPSK	H	Edge_1RB_Right	21.40	PC3	PASS
N66	15	10	CP-16QAM	H	Outer_Full	21.47	PC3	PASS
N66	15	10	CP-16QAM	H	Edge_1RB_Left	21.20	PC3	PASS
N66	15	10	CP-16QAM	H	Inner_Full	22.45	PC3	PASS
N66	15	10	CP-16QAM	H	Edge_1RB_Right	21.31	PC3	PASS
N66	15	15	CP-QPSK	L	Outer_Full	21.27	PC3	PASS
N66	15	15	CP-QPSK	L	Edge_1RB_Left	21.06	PC3	PASS
N66	15	15	CP-QPSK	L	Inner_Full	22.82	PC3	PASS
N66	15	15	CP-QPSK	L	Edge_1RB_Right	21.42	PC3	PASS
N66	15	15	CP-16QAM	L	Outer_Full	21.36	PC3	PASS
N66	15	15	CP-16QAM	L	Edge_1RB_Left	21.16	PC3	PASS
N66	15	15	CP-16QAM	L	Inner_Full	22.40	PC3	PASS
N66	15	15	CP-16QAM	L	Edge_1RB_Right	21.29	PC3	PASS
N66	15	15	CP-QPSK	M	Outer_Full	21.16	PC3	PASS
N66	15	15	CP-QPSK	M	Edge_1RB_Left	21.06	PC3	PASS
N66	15	15	CP-QPSK	M	Inner_Full	22.69	PC3	PASS
N66	15	15	CP-QPSK	M	Edge_1RB_Right	21.34	PC3	PASS
N66	15	15	CP-16QAM	M	Outer_Full	21.31	PC3	PASS
N66	15	15	CP-16QAM	M	Edge_1RB_Left	20.87	PC3	PASS
N66	15	15	CP-16QAM	M	Inner_Full	22.29	PC3	PASS
N66	15	15	CP-16QAM	M	Edge_1RB_Right	21.46	PC3	PASS
N66	15	15	CP-QPSK	H	Outer_Full	21.24	PC3	PASS
N66	15	15	CP-QPSK	H	Edge_1RB_Left	21.32	PC3	PASS
N66	15	15	CP-QPSK	H	Inner_Full	23.01	PC3	PASS
N66	15	15	CP-QPSK	H	Edge_1RB_Right	21.30	PC3	PASS
N66	15	15	CP-16QAM	H	Outer_Full	21.45	PC3	PASS
N66	15	15	CP-16QAM	H	Edge_1RB_Left	21.24	PC3	PASS
N66	15	15	CP-16QAM	H	Inner_Full	22.37	PC3	PASS
N66	15	15	CP-16QAM	H	Edge_1RB_Right	21.04	PC3	PASS
N66	15	20	CP-QPSK	L	Outer_Full	21.14	PC3	PASS
N66	15	20	CP-QPSK	L	Edge_1RB_Left	21.08	PC3	PASS
N66	15	20	CP-QPSK	L	Inner_Full	22.89	PC3	PASS
N66	15	20	CP-QPSK	L	Edge_1RB_Right	21.26	PC3	PASS
N66	15	20	CP-16QAM	L	Outer_Full	21.25	PC3	PASS

N66	15	20	CP-16QAM	L	Edge_1RB_Left	21.16	PC3	PASS
N66	15	20	CP-16QAM	L	Inner_Full	22.26	PC3	PASS
N66	15	20	CP-16QAM	L	Edge_1RB_Right	21.02	PC3	PASS
N66	15	20	CP-QPSK	M	Outer_Full	21.28	PC3	PASS
N66	15	20	CP-QPSK	M	Edge_1RB_Left	21.16	PC3	PASS
N66	15	20	CP-QPSK	M	Inner_Full	22.75	PC3	PASS
N66	15	20	CP-QPSK	M	Edge_1RB_Right	21.47	PC3	PASS
N66	15	20	CP-16QAM	M	Outer_Full	21.29	PC3	PASS
N66	15	20	CP-16QAM	M	Edge_1RB_Left	21.43	PC3	PASS
N66	15	20	CP-16QAM	M	Inner_Full	22.28	PC3	PASS
N66	15	20	CP-16QAM	M	Edge_1RB_Right	21.65	PC3	PASS
N66	15	20	CP-QPSK	H	Outer_Full	21.44	PC3	PASS
N66	15	20	CP-QPSK	H	Edge_1RB_Left	21.19	PC3	PASS
N66	15	20	CP-QPSK	H	Inner_Full	22.82	PC3	PASS
N66	15	20	CP-QPSK	H	Edge_1RB_Right	21.57	PC3	PASS
N66	15	20	CP-16QAM	H	Outer_Full	21.35	PC3	PASS
N66	15	20	CP-16QAM	H	Edge_1RB_Left	21.22	PC3	PASS
N66	15	20	CP-16QAM	H	Inner_Full	22.48	PC3	PASS
N66	15	20	CP-16QAM	H	Edge_1RB_Right	21.62	PC3	PASS

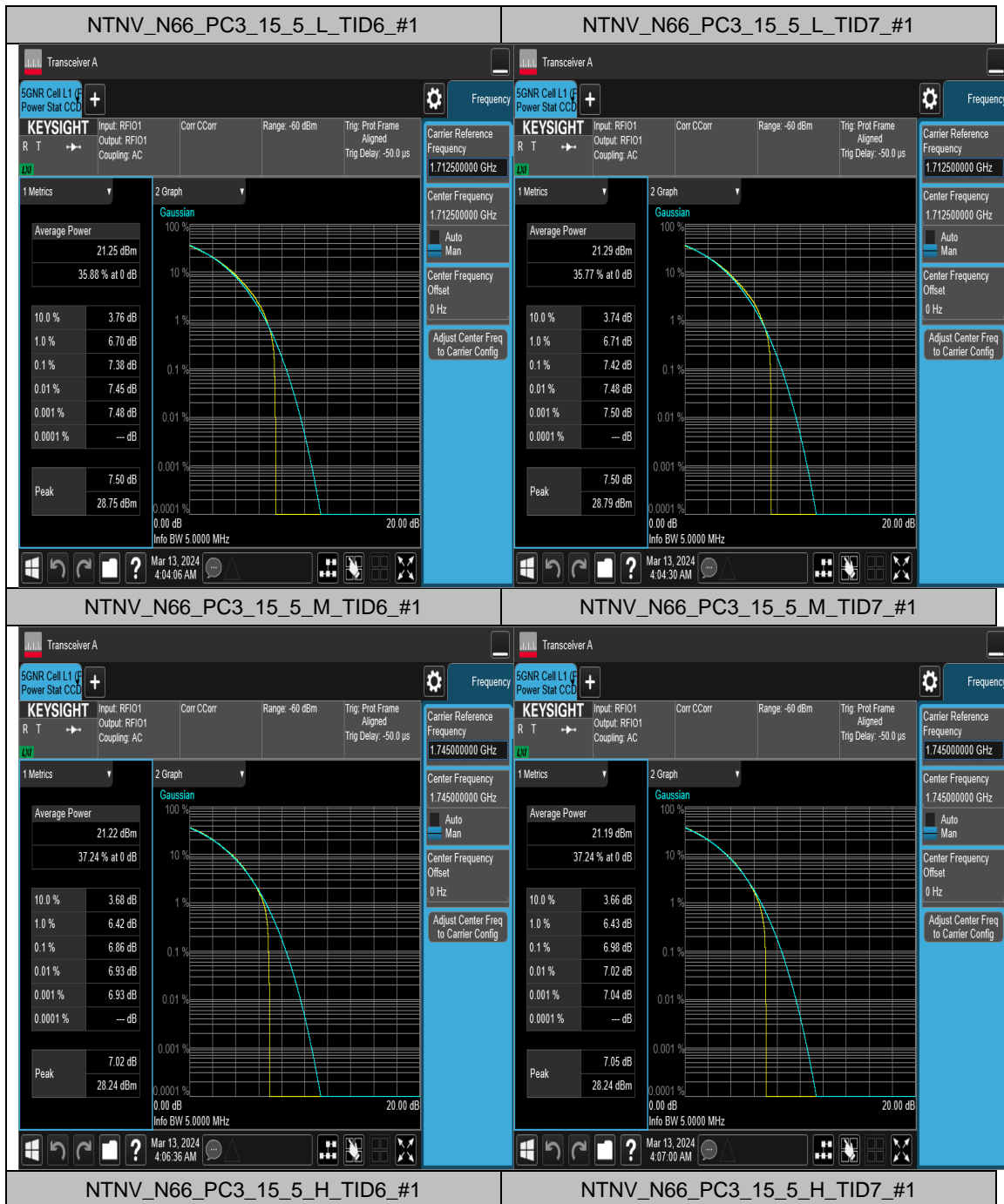
## Appendix B: Peak-to-Average Ratio for SA

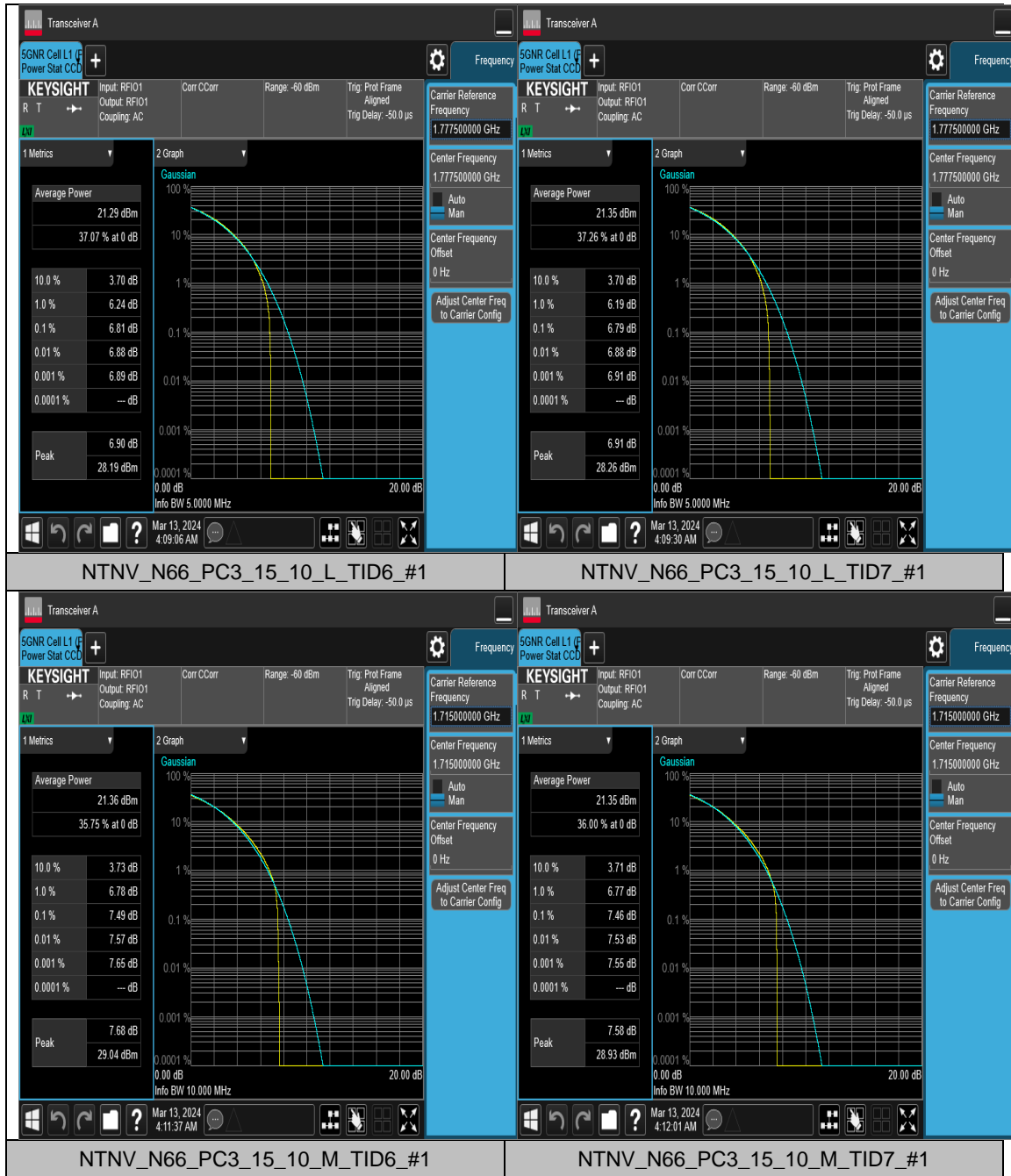
### Peak-to-Average Ratio(CCDF)

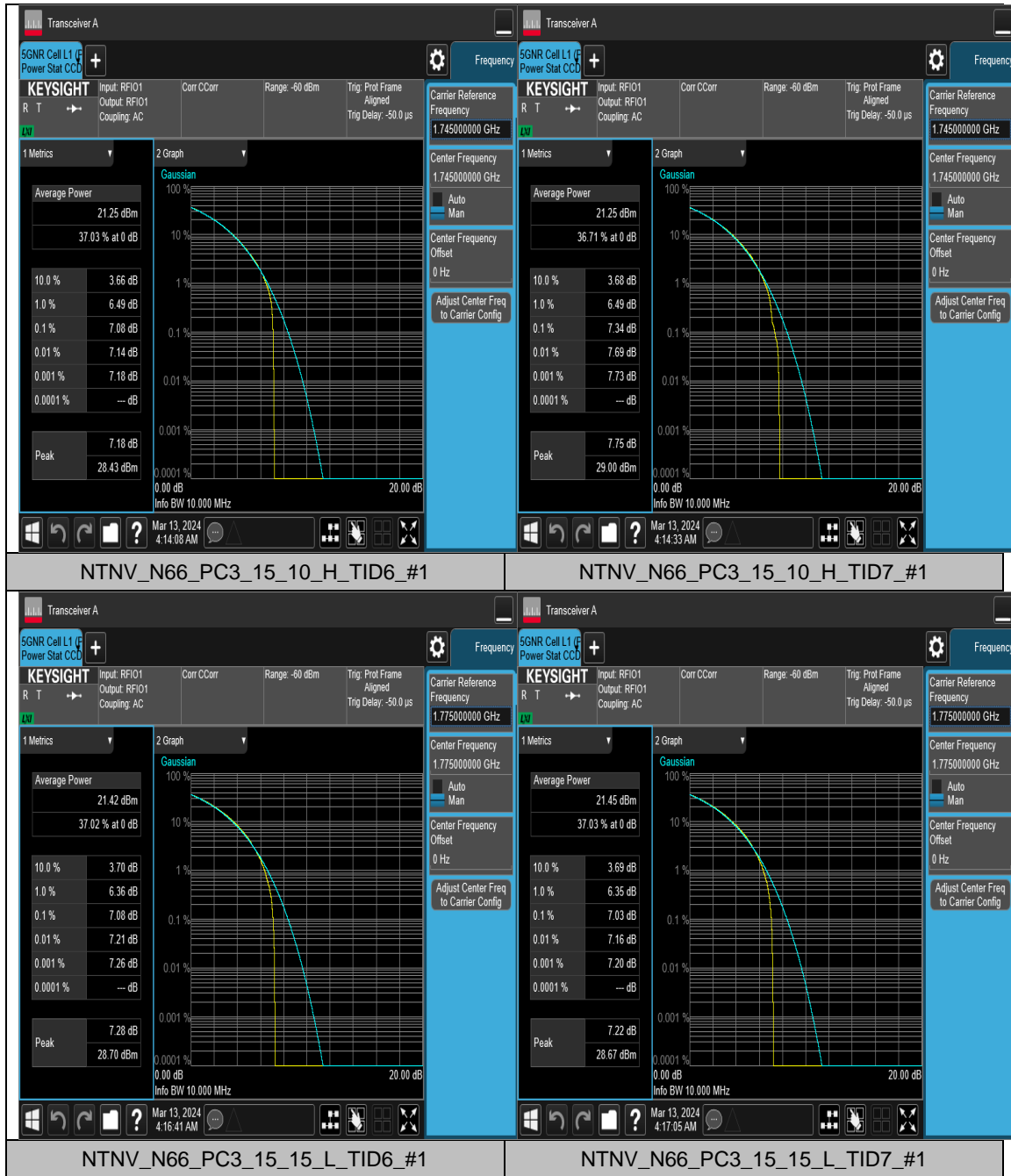
#### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N66	15	5	CP-QPSK	L	Outer_Full	7.38	≤13	PASS
N66	15	5	CP-16QAM	L	Outer_Full	7.42	≤13	PASS
N66	15	5	CP-QPSK	M	Outer_Full	6.86	≤13	PASS
N66	15	5	CP-16QAM	M	Outer_Full	6.98	≤13	PASS
N66	15	5	CP-QPSK	H	Outer_Full	6.81	≤13	PASS
N66	15	5	CP-16QAM	H	Outer_Full	6.79	≤13	PASS
N66	15	10	CP-QPSK	L	Outer_Full	7.49	≤13	PASS
N66	15	10	CP-16QAM	L	Outer_Full	7.46	≤13	PASS
N66	15	10	CP-QPSK	M	Outer_Full	7.08	≤13	PASS
N66	15	10	CP-16QAM	M	Outer_Full	7.34	≤13	PASS
N66	15	10	CP-QPSK	H	Outer_Full	7.08	≤13	PASS
N66	15	10	CP-16QAM	H	Outer_Full	7.03	≤13	PASS
N66	15	15	CP-QPSK	L	Outer_Full	7.49	≤13	PASS
N66	15	15	CP-16QAM	L	Outer_Full	7.43	≤13	PASS
N66	15	15	CP-QPSK	M	Outer_Full	7.06	≤13	PASS
N66	15	15	CP-16QAM	M	Outer_Full	7.03	≤13	PASS
N66	15	15	CP-QPSK	H	Outer_Full	7.13	≤13	PASS
N66	15	15	CP-16QAM	H	Outer_Full	7.15	≤13	PASS
N66	15	20	CP-QPSK	L	Outer_Full	7.26	≤13	PASS
N66	15	20	CP-16QAM	L	Outer_Full	7.27	≤13	PASS
N66	15	20	CP-QPSK	M	Outer_Full	6.89	≤13	PASS
N66	15	20	CP-16QAM	M	Outer_Full	7.54	≤13	PASS
N66	15	20	CP-QPSK	H	Outer_Full	7.18	≤13	PASS
N66	15	20	CP-16QAM	H	Outer_Full	7.08	≤13	PASS

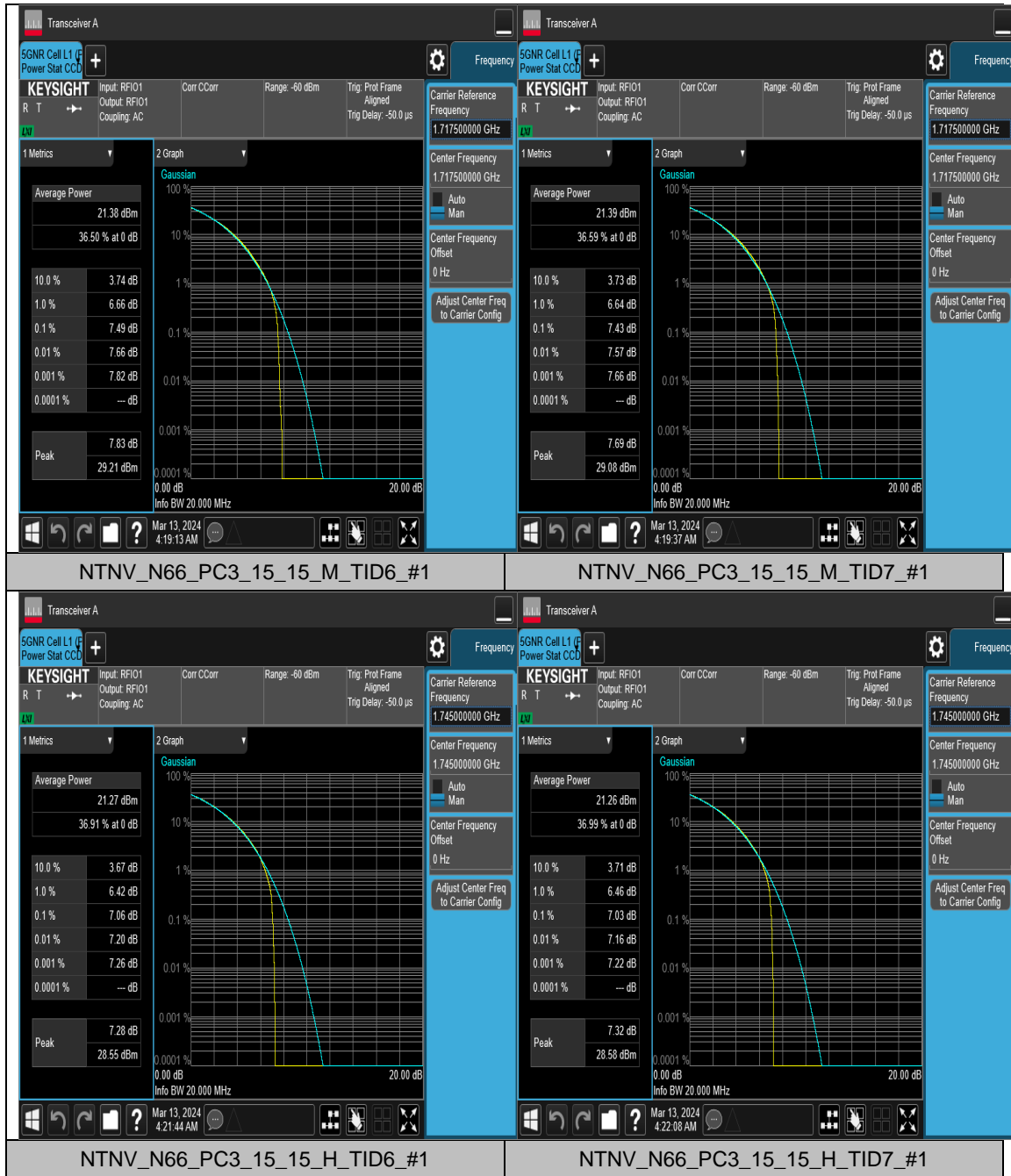
### Test Graphs

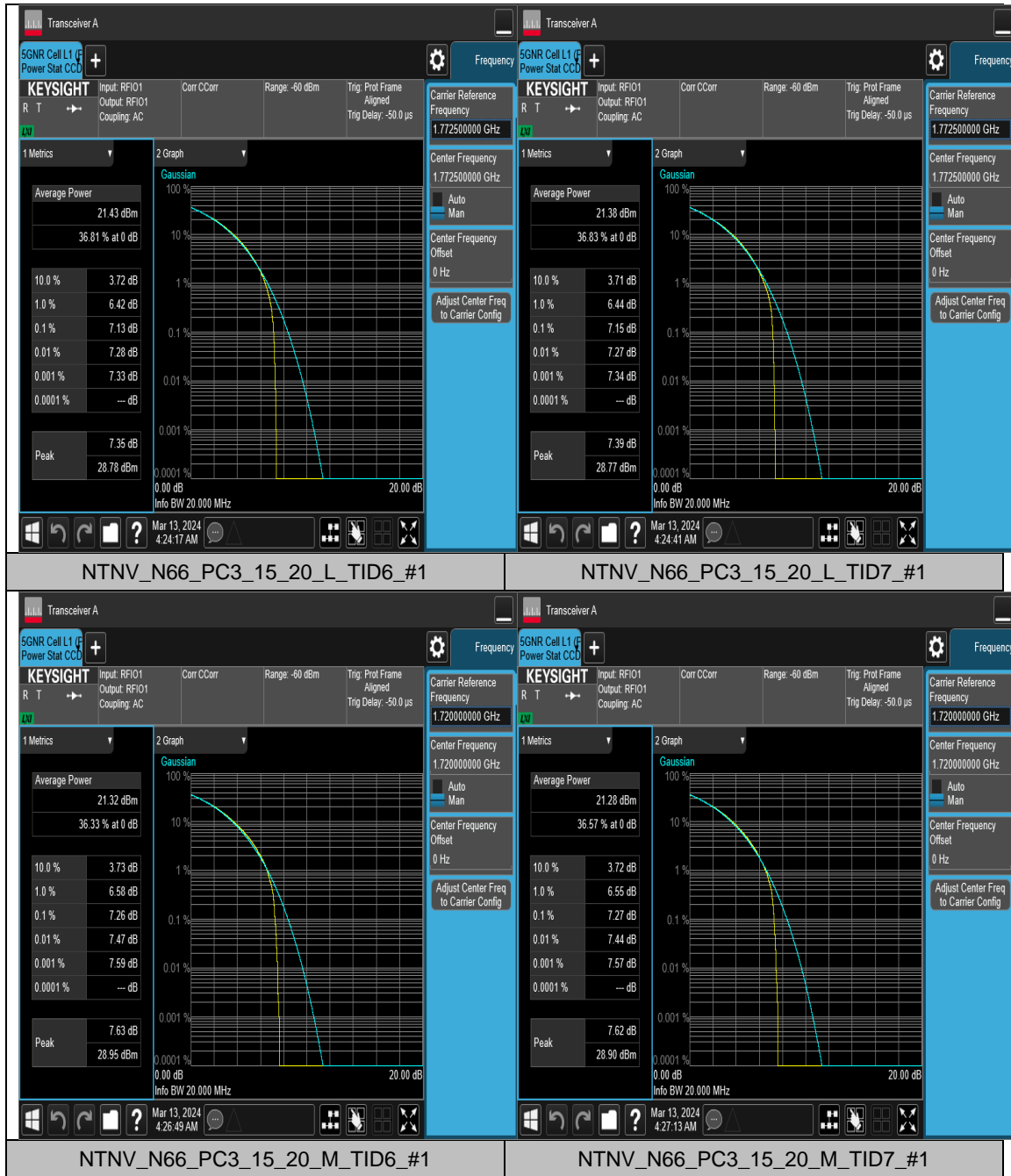


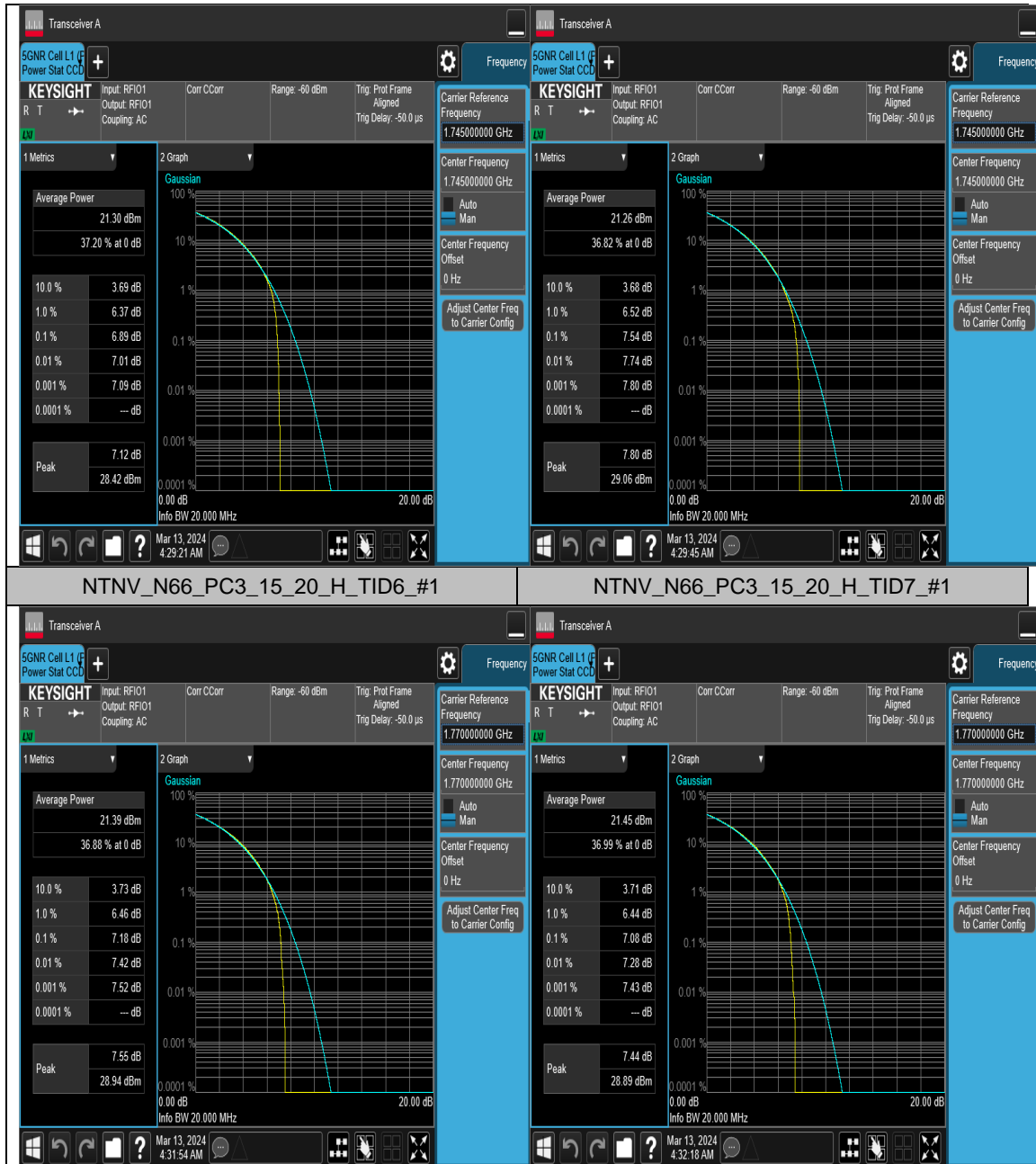










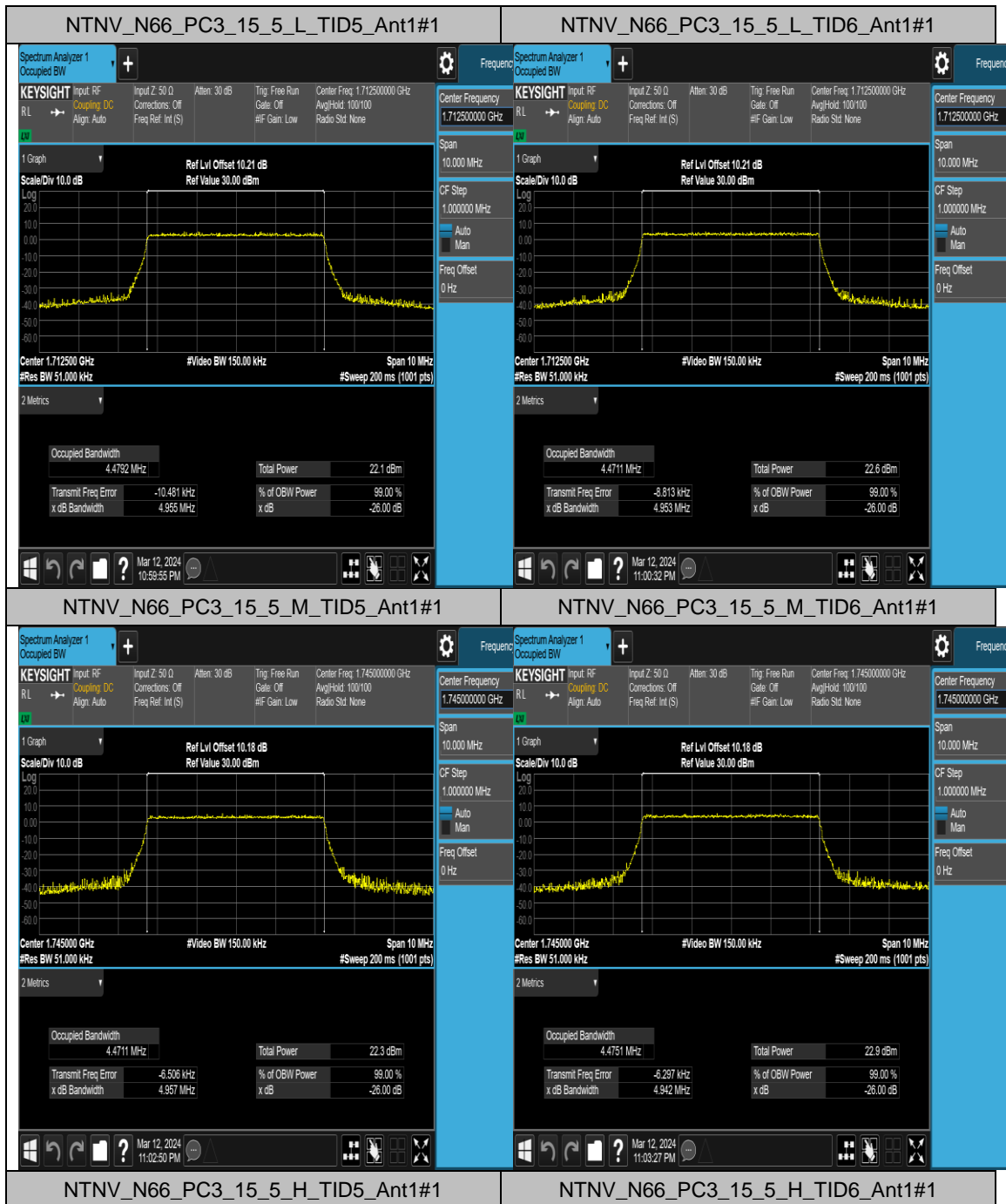


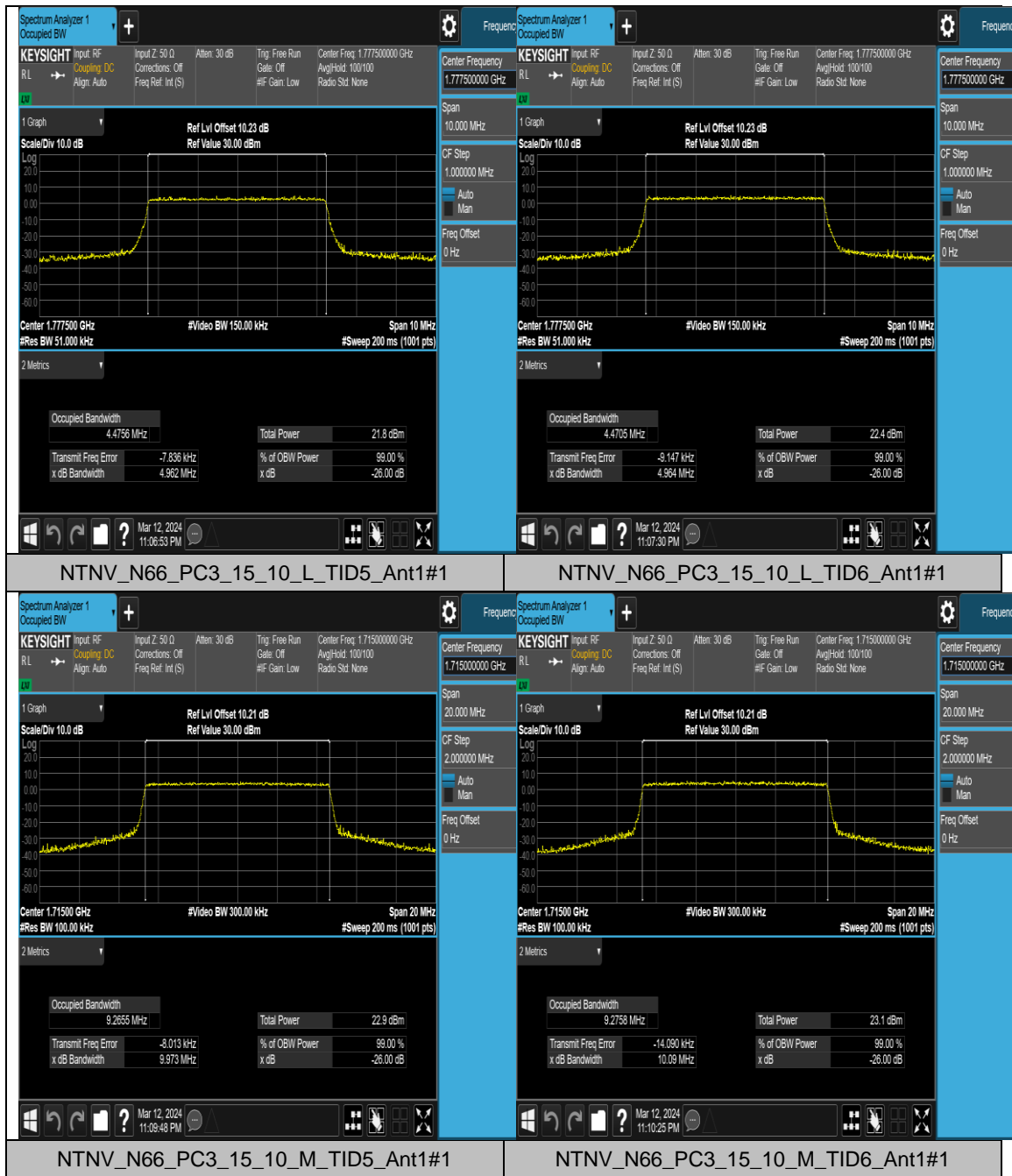
## Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

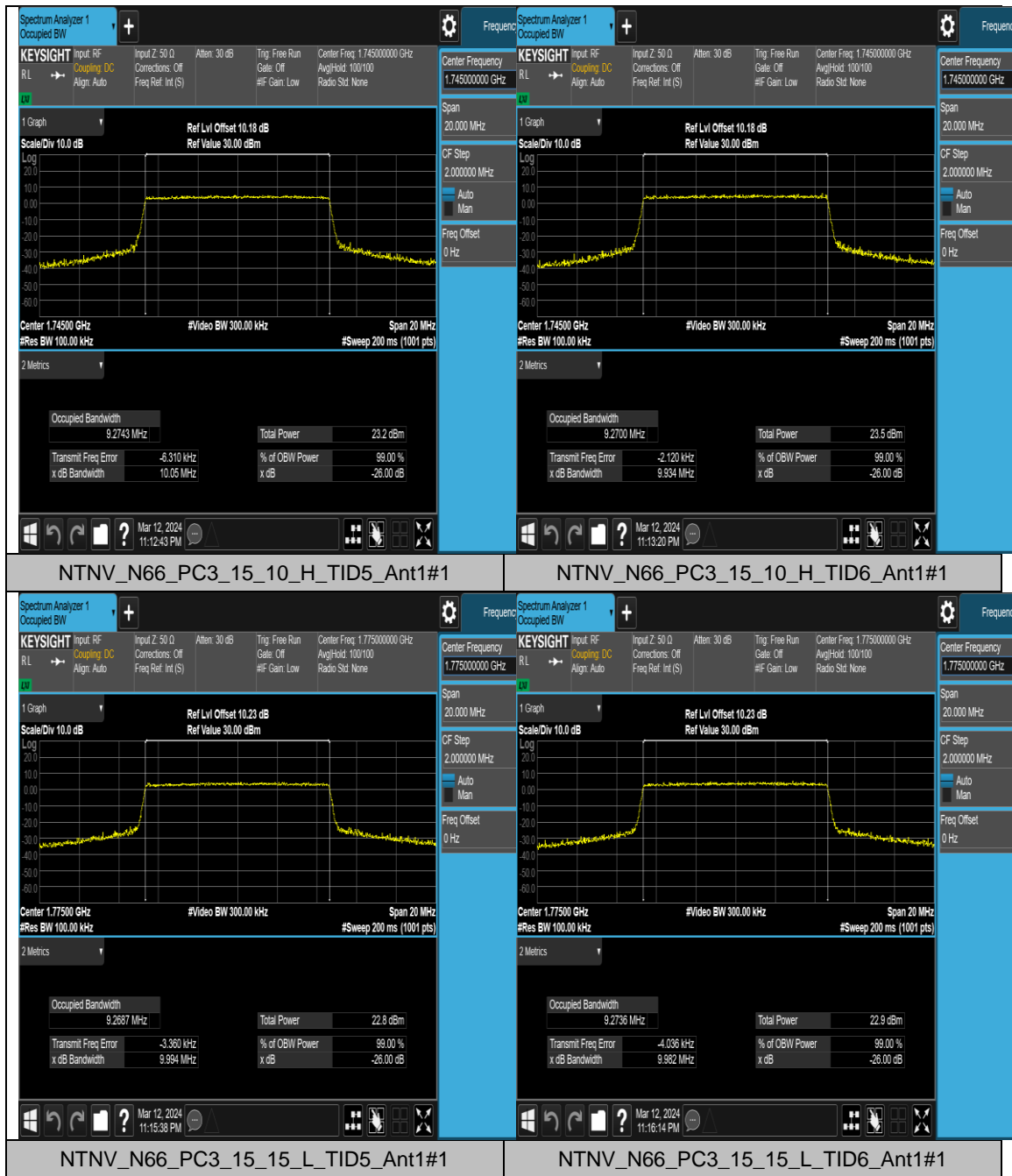
### Test Result

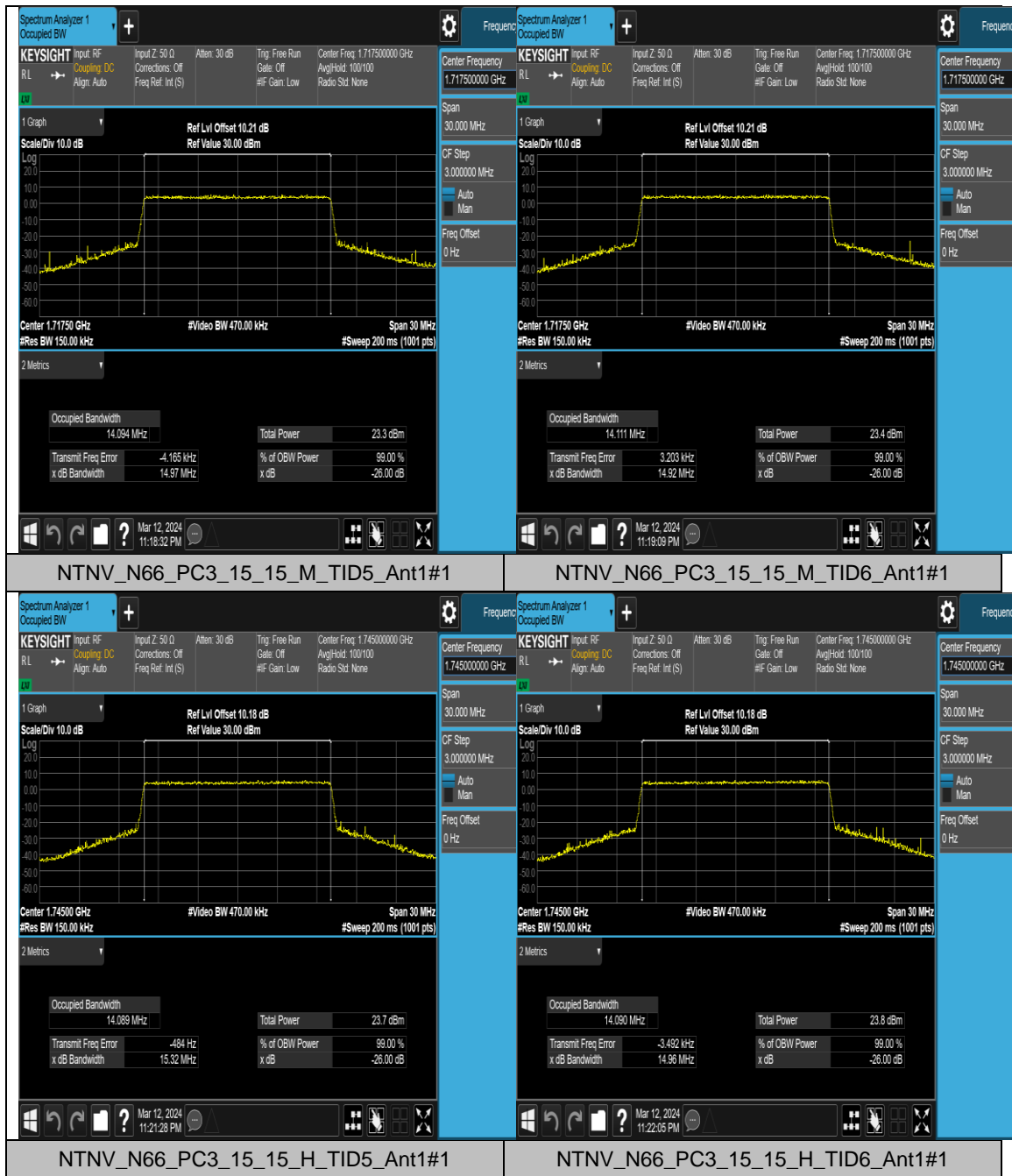
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N66	15	5	CP-QPSK	L	Outer_Full	4.4792	4.955	PASS
N66	15	5	CP-16QAM	L	Outer_Full	4.4711	4.953	PASS
N66	15	5	CP-QPSK	M	Outer_Full	4.4711	4.957	PASS
N66	15	5	CP-16QAM	M	Outer_Full	4.4751	4.942	PASS
N66	15	5	CP-QPSK	H	Outer_Full	4.4756	4.962	PASS
N66	15	5	CP-16QAM	H	Outer_Full	4.4705	4.964	PASS
N66	15	10	CP-QPSK	L	Outer_Full	9.2655	9.973	PASS
N66	15	10	CP-16QAM	L	Outer_Full	9.2758	10.09	PASS
N66	15	10	CP-QPSK	M	Outer_Full	9.2743	10.05	PASS
N66	15	10	CP-16QAM	M	Outer_Full	9.2700	9.934	PASS
N66	15	10	CP-QPSK	H	Outer_Full	9.2687	9.994	PASS
N66	15	10	CP-16QAM	H	Outer_Full	9.2736	9.982	PASS
N66	15	15	CP-QPSK	L	Outer_Full	14.094	14.97	PASS
N66	15	15	CP-16QAM	L	Outer_Full	14.111	14.92	PASS
N66	15	15	CP-QPSK	M	Outer_Full	14.089	15.32	PASS
N66	15	15	CP-16QAM	M	Outer_Full	14.090	14.96	PASS
N66	15	15	CP-QPSK	H	Outer_Full	14.090	14.91	PASS
N66	15	15	CP-16QAM	H	Outer_Full	14.096	14.90	PASS
N66	15	20	CP-QPSK	L	Outer_Full	18.909	19.87	PASS
N66	15	20	CP-16QAM	L	Outer_Full	18.918	20.12	PASS
N66	15	20	CP-QPSK	M	Outer_Full	18.884	19.82	PASS
N66	15	20	CP-16QAM	M	Outer_Full	18.884	19.85	PASS
N66	15	20	CP-QPSK	H	Outer_Full	18.911	19.85	PASS
N66	15	20	CP-16QAM	H	Outer_Full	18.907	19.83	PASS

### Test Graphs

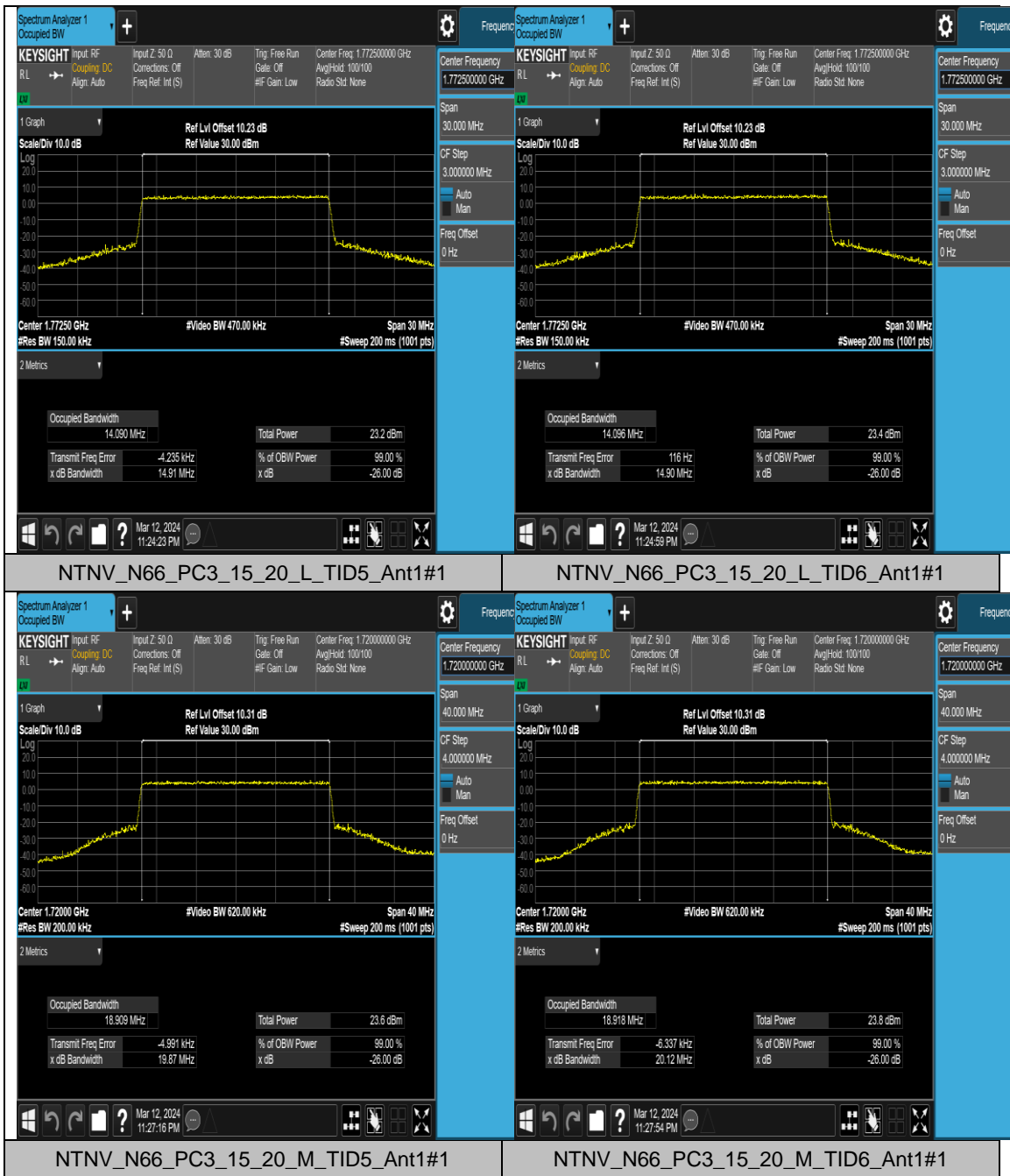


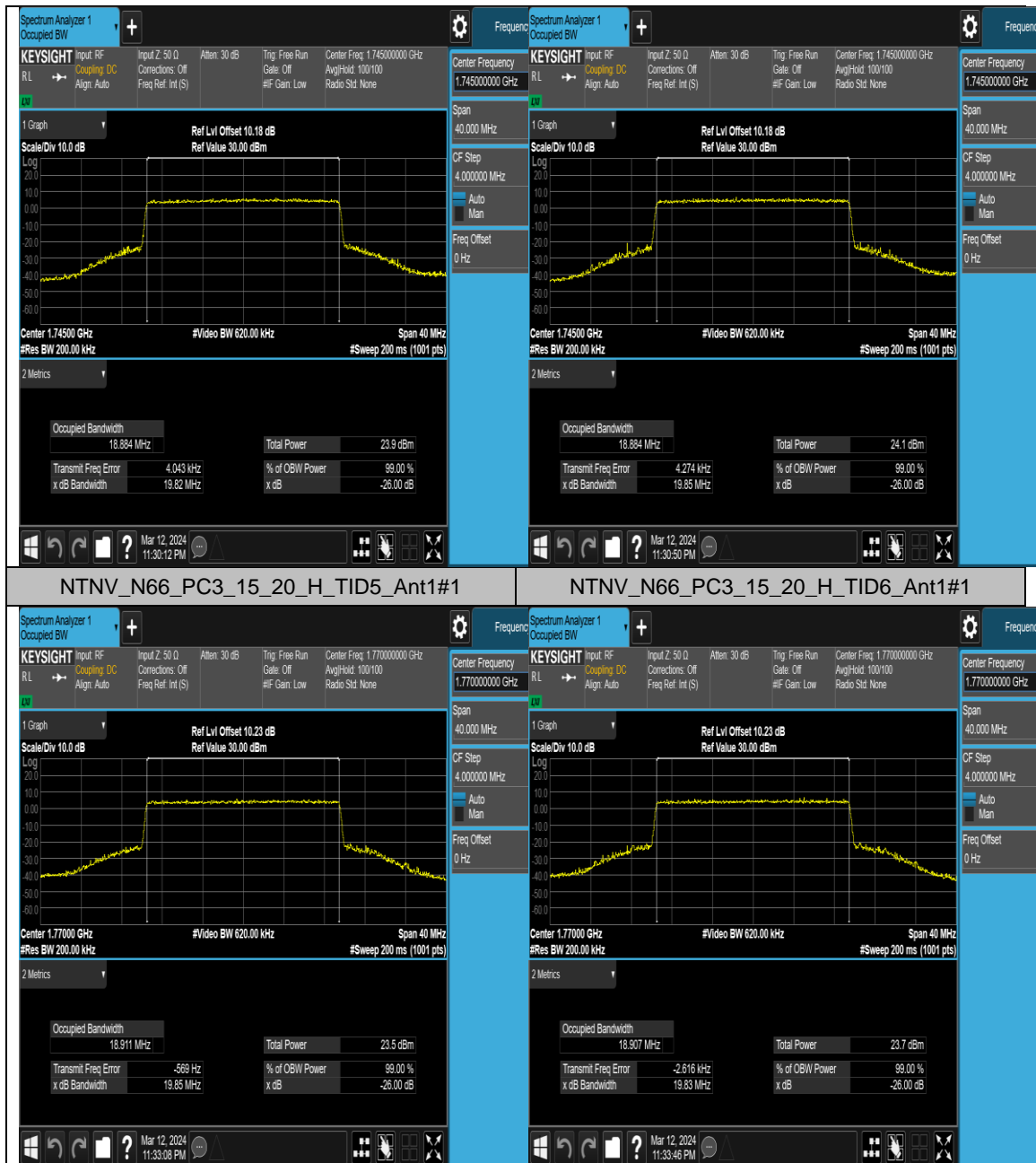












## Appendix D: Band Edge for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Verdict
N66	15	5	CP-QPSK	L	Outer_Full	PASS
N66	15	5	CP-QPSK	L	Edge_1RB_Left	PASS
N66	15	5	CP-16QAM	L	Outer_Full	PASS
N66	15	5	CP-16QAM	L	Edge_1RB_Left	PASS
N66	15	5	CP-QPSK	H	Outer_Full	PASS
N66	15	5	CP-QPSK	H	Edge_1RB_Right	PASS
N66	15	5	CP-16QAM	H	Outer_Full	PASS
N66	15	5	CP-16QAM	H	Edge_1RB_Right	PASS
N66	15	10	CP-QPSK	L	Outer_Full	PASS
N66	15	10	CP-QPSK	L	Edge_1RB_Left	PASS
N66	15	10	CP-16QAM	L	Outer_Full	PASS
N66	15	10	CP-16QAM	L	Edge_1RB_Left	PASS
N66	15	10	CP-QPSK	H	Outer_Full	PASS
N66	15	10	CP-QPSK	H	Edge_1RB_Right	PASS
N66	15	10	CP-16QAM	H	Outer_Full	PASS
N66	15	10	CP-16QAM	H	Edge_1RB_Right	PASS
N66	15	15	CP-QPSK	L	Outer_Full	PASS
N66	15	15	CP-QPSK	L	Edge_1RB_Left	PASS
N66	15	15	CP-16QAM	L	Outer_Full	PASS
N66	15	15	CP-16QAM	L	Edge_1RB_Left	PASS
N66	15	15	CP-QPSK	H	Outer_Full	PASS
N66	15	15	CP-QPSK	H	Edge_1RB_Right	PASS
N66	15	15	CP-16QAM	H	Outer_Full	PASS
N66	15	15	CP-16QAM	H	Edge_1RB_Right	PASS
N66	15	20	CP-QPSK	L	Outer_Full	PASS
N66	15	20	CP-QPSK	L	Edge_1RB_Left	PASS
N66	15	20	CP-16QAM	L	Outer_Full	PASS
N66	15	20	CP-16QAM	L	Edge_1RB_Left	PASS
N66	15	20	CP-QPSK	H	Outer_Full	PASS
N66	15	20	CP-QPSK	H	Edge_1RB_Right	PASS
N66	15	20	CP-16QAM	H	Outer_Full	PASS
N66	15	20	CP-16QAM	H	Edge_1RB_Right	PASS

Test Graphs



