

## **Appendix for n66**

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
N66	15	5	CP-QPSK	L	Outer_Full	21.52	PC3	PASS
N66	15	5	CP-QPSK	L	Edge_1RB_Left	21.45	PC3	PASS
N66	15	5	CP-QPSK	L	Inner_Full	22.96	PC3	PASS
N66	15	5	CP-QPSK	L	Edge_1RB_Right	21.62	PC3	PASS
N66	15	5	CP-16QAM	L	Outer_Full	21.52	PC3	PASS
N66	15	5	CP-16QAM	L	Edge_1RB_Left	21.37	PC3	PASS
N66	15	5	CP-16QAM	L	Inner_Full	22.52	PC3	PASS
N66	15	5	CP-16QAM	L	Edge_1RB_Right	21.54	PC3	PASS
N66	15	5	CP-QPSK	M	Outer_Full	21.49	PC3	PASS
N66	15	5	CP-QPSK	M	Edge_1RB_Left	21.46	PC3	PASS
N66	15	5	CP-QPSK	M	Inner_Full	23.07	PC3	PASS
N66	15	5	CP-QPSK	M	Edge_1RB_Right	21.56	PC3	PASS
N66	15	5	CP-16QAM	M	Outer_Full	21.53	PC3	PASS
N66	15	5	CP-16QAM	M	Edge_1RB_Left	21.67	PC3	PASS
N66	15	5	CP-16QAM	M	Inner_Full	22.63	PC3	PASS
N66	15	5	CP-16QAM	M	Edge_1RB_Right	21.54	PC3	PASS
N66	15	5	CP-QPSK	H	Outer_Full	21.69	PC3	PASS
N66	15	5	CP-QPSK	H	Edge_1RB_Left	21.67	PC3	PASS
N66	15	5	CP-QPSK	H	Inner_Full	23.18	PC3	PASS
N66	15	5	CP-QPSK	H	Edge_1RB_Right	21.72	PC3	PASS
N66	15	5	CP-16QAM	H	Outer_Full	21.66	PC3	PASS
N66	15	5	CP-16QAM	H	Edge_1RB_Left	21.61	PC3	PASS
N66	15	5	CP-16QAM	H	Inner_Full	22.78	PC3	PASS
N66	15	5	CP-16QAM	H	Edge_1RB_Right	21.65	PC3	PASS
N66	15	10	CP-QPSK	L	Outer_Full	21.60	PC3	PASS
N66	15	10	CP-QPSK	L	Edge_1RB_Left	21.50	PC3	PASS
N66	15	10	CP-QPSK	L	Inner_Full	23.03	PC3	PASS
N66	15	10	CP-QPSK	L	Edge_1RB_Right	21.66	PC3	PASS
N66	15	10	CP-16QAM	L	Outer_Full	21.59	PC3	PASS
N66	15	10	CP-16QAM	L	Edge_1RB_Left	21.55	PC3	PASS
N66	15	10	CP-16QAM	L	Inner_Full	22.76	PC3	PASS
N66	15	10	CP-16QAM	L	Edge_1RB_Right	21.48	PC3	PASS
N66	15	10	CP-QPSK	M	Outer_Full	21.52	PC3	PASS
N66	15	10	CP-QPSK	M	Edge_1RB_Left	21.53	PC3	PASS
N66	15	10	CP-QPSK	M	Inner_Full	23.12	PC3	PASS

N66	15	10	CP-QPSK	M	Edge_1RB_Right	21.65	PC3	PASS
N66	15	10	CP-16QAM	M	Outer_Full	21.59	PC3	PASS
N66	15	10	CP-16QAM	M	Edge_1RB_Left	21.29	PC3	PASS
N66	15	10	CP-16QAM	M	Inner_Full	22.44	PC3	PASS
N66	15	10	CP-16QAM	M	Edge_1RB_Right	21.45	PC3	PASS
N66	15	10	CP-QPSK	H	Outer_Full	21.74	PC3	PASS
N66	15	10	CP-QPSK	H	Edge_1RB_Left	21.63	PC3	PASS
N66	15	10	CP-QPSK	H	Inner_Full	23.22	PC3	PASS
N66	15	10	CP-QPSK	H	Edge_1RB_Right	21.66	PC3	PASS
N66	15	10	CP-16QAM	H	Outer_Full	21.71	PC3	PASS
N66	15	10	CP-16QAM	H	Edge_1RB_Left	21.54	PC3	PASS
N66	15	10	CP-16QAM	H	Inner_Full	22.81	PC3	PASS
N66	15	10	CP-16QAM	H	Edge_1RB_Right	21.70	PC3	PASS
N66	15	15	CP-QPSK	L	Outer_Full	21.66	PC3	PASS
N66	15	15	CP-QPSK	L	Edge_1RB_Left	21.56	PC3	PASS
N66	15	15	CP-QPSK	L	Inner_Full	23.06	PC3	PASS
N66	15	15	CP-QPSK	L	Edge_1RB_Right	21.47	PC3	PASS
N66	15	15	CP-16QAM	L	Outer_Full	21.63	PC3	PASS
N66	15	15	CP-16QAM	L	Edge_1RB_Left	21.56	PC3	PASS
N66	15	15	CP-16QAM	L	Inner_Full	22.61	PC3	PASS
N66	15	15	CP-16QAM	L	Edge_1RB_Right	21.51	PC3	PASS
N66	15	15	CP-QPSK	M	Outer_Full	21.57	PC3	PASS
N66	15	15	CP-QPSK	M	Edge_1RB_Left	21.60	PC3	PASS
N66	15	15	CP-QPSK	M	Inner_Full	23.06	PC3	PASS
N66	15	15	CP-QPSK	M	Edge_1RB_Right	21.59	PC3	PASS
N66	15	15	CP-16QAM	M	Outer_Full	21.56	PC3	PASS
N66	15	15	CP-16QAM	M	Edge_1RB_Left	21.33	PC3	PASS
N66	15	15	CP-16QAM	M	Inner_Full	22.68	PC3	PASS
N66	15	15	CP-16QAM	M	Edge_1RB_Right	21.72	PC3	PASS
N66	15	15	CP-QPSK	H	Outer_Full	21.68	PC3	PASS
N66	15	15	CP-QPSK	H	Edge_1RB_Left	21.65	PC3	PASS
N66	15	15	CP-QPSK	H	Inner_Full	23.19	PC3	PASS
N66	15	15	CP-QPSK	H	Edge_1RB_Right	21.66	PC3	PASS
N66	15	15	CP-16QAM	H	Outer_Full	21.65	PC3	PASS
N66	15	15	CP-16QAM	H	Edge_1RB_Left	21.84	PC3	PASS
N66	15	15	CP-16QAM	H	Inner_Full	22.70	PC3	PASS
N66	15	15	CP-16QAM	H	Edge_1RB_Right	21.65	PC3	PASS
N66	15	20	CP-QPSK	L	Outer_Full	21.45	PC3	PASS
N66	15	20	CP-QPSK	L	Edge_1RB_Left	21.57	PC3	PASS
N66	15	20	CP-QPSK	L	Inner_Full	23.08	PC3	PASS
N66	15	20	CP-QPSK	L	Edge_1RB_Right	21.49	PC3	PASS
N66	15	20	CP-16QAM	L	Outer_Full	21.54	PC3	PASS

N66	15	20	CP-16QAM	L	Edge_1RB_Left	21.32	PC3	PASS
N66	15	20	CP-16QAM	L	Inner_Full	22.53	PC3	PASS
N66	15	20	CP-16QAM	L	Edge_1RB_Right	21.47	PC3	PASS
N66	15	20	CP-QPSK	M	Outer_Full	21.54	PC3	PASS
N66	15	20	CP-QPSK	M	Edge_1RB_Left	21.68	PC3	PASS
N66	15	20	CP-QPSK	M	Inner_Full	23.09	PC3	PASS
N66	15	20	CP-QPSK	M	Edge_1RB_Right	21.61	PC3	PASS
N66	15	20	CP-16QAM	M	Outer_Full	21.52	PC3	PASS
N66	15	20	CP-16QAM	M	Edge_1RB_Left	21.56	PC3	PASS
N66	15	20	CP-16QAM	M	Inner_Full	22.55	PC3	PASS
N66	15	20	CP-16QAM	M	Edge_1RB_Right	21.62	PC3	PASS
N66	15	20	CP-QPSK	H	Outer_Full	21.64	PC3	PASS
N66	15	20	CP-QPSK	H	Edge_1RB_Left	21.61	PC3	PASS
N66	15	20	CP-QPSK	H	Inner_Full	23.23	PC3	PASS
N66	15	20	CP-QPSK	H	Edge_1RB_Right	21.57	PC3	PASS
N66	15	20	CP-16QAM	H	Outer_Full	21.68	PC3	PASS
N66	15	20	CP-16QAM	H	Edge_1RB_Left	21.44	PC3	PASS
N66	15	20	CP-16QAM	H	Inner_Full	22.74	PC3	PASS
N66	15	20	CP-16QAM	H	Edge_1RB_Right	21.59	PC3	PASS

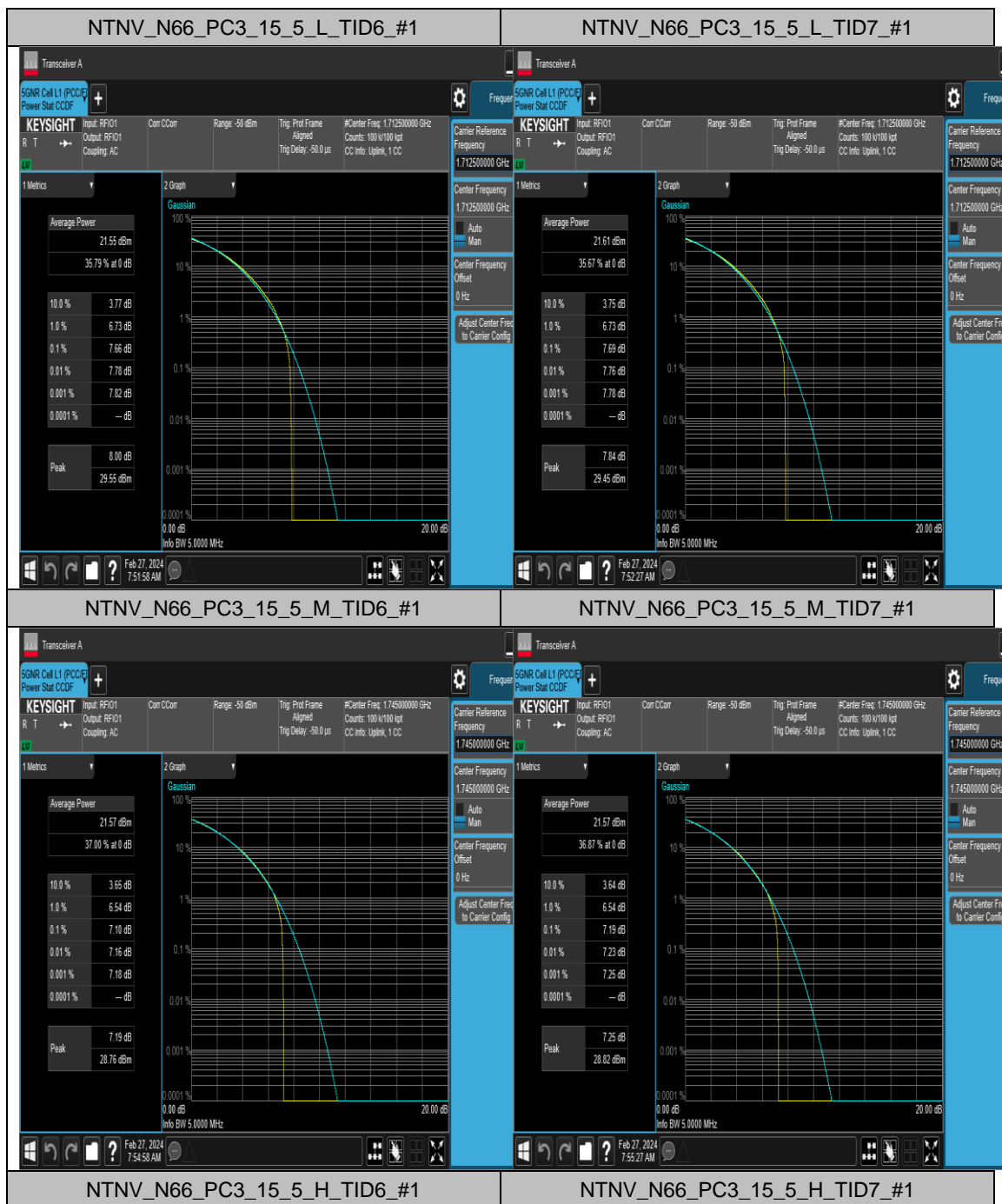
## Appendix B: Peak-to-Average Ratio for SA

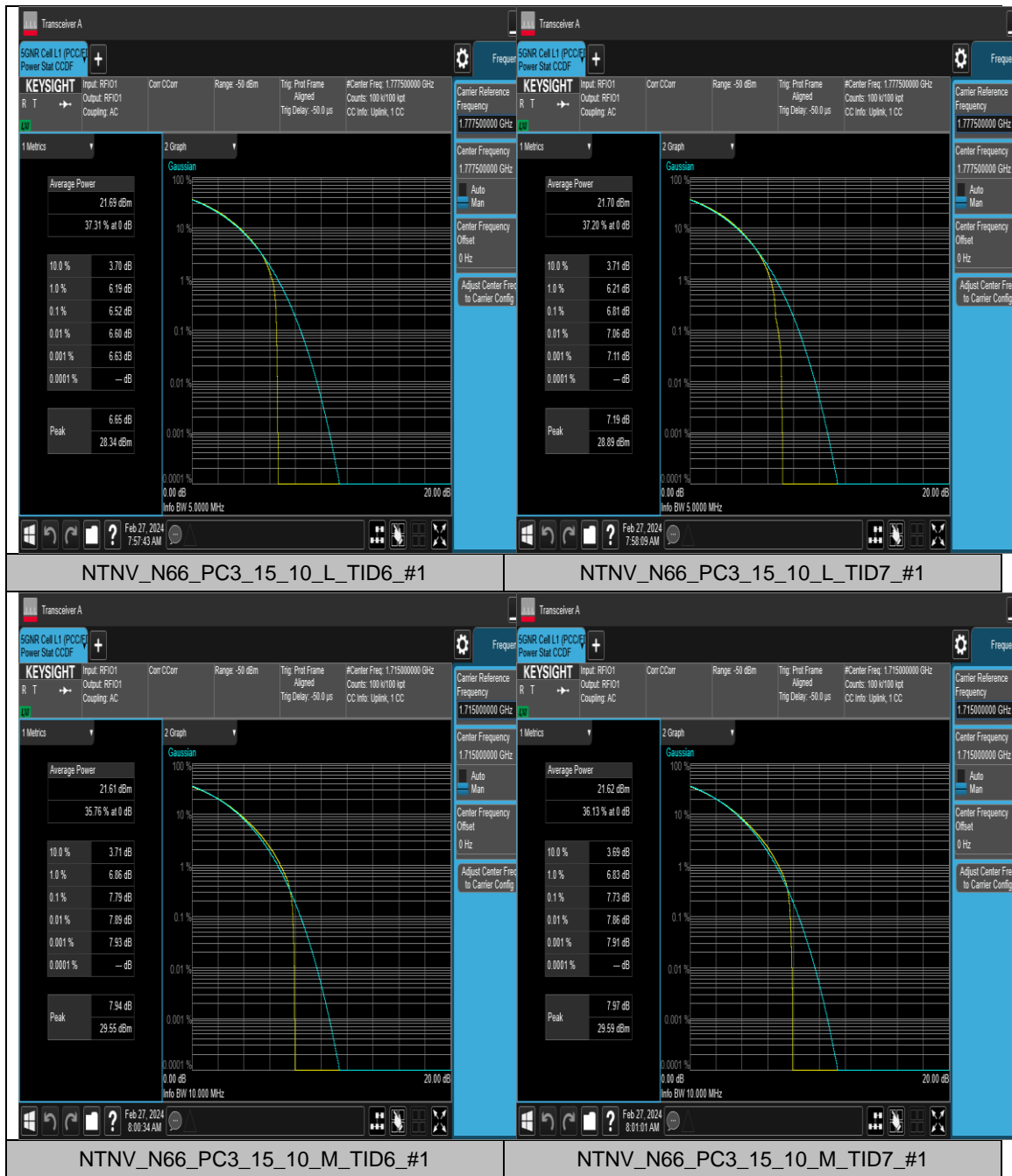
### Peak-to-Average Ratio(CCDF)

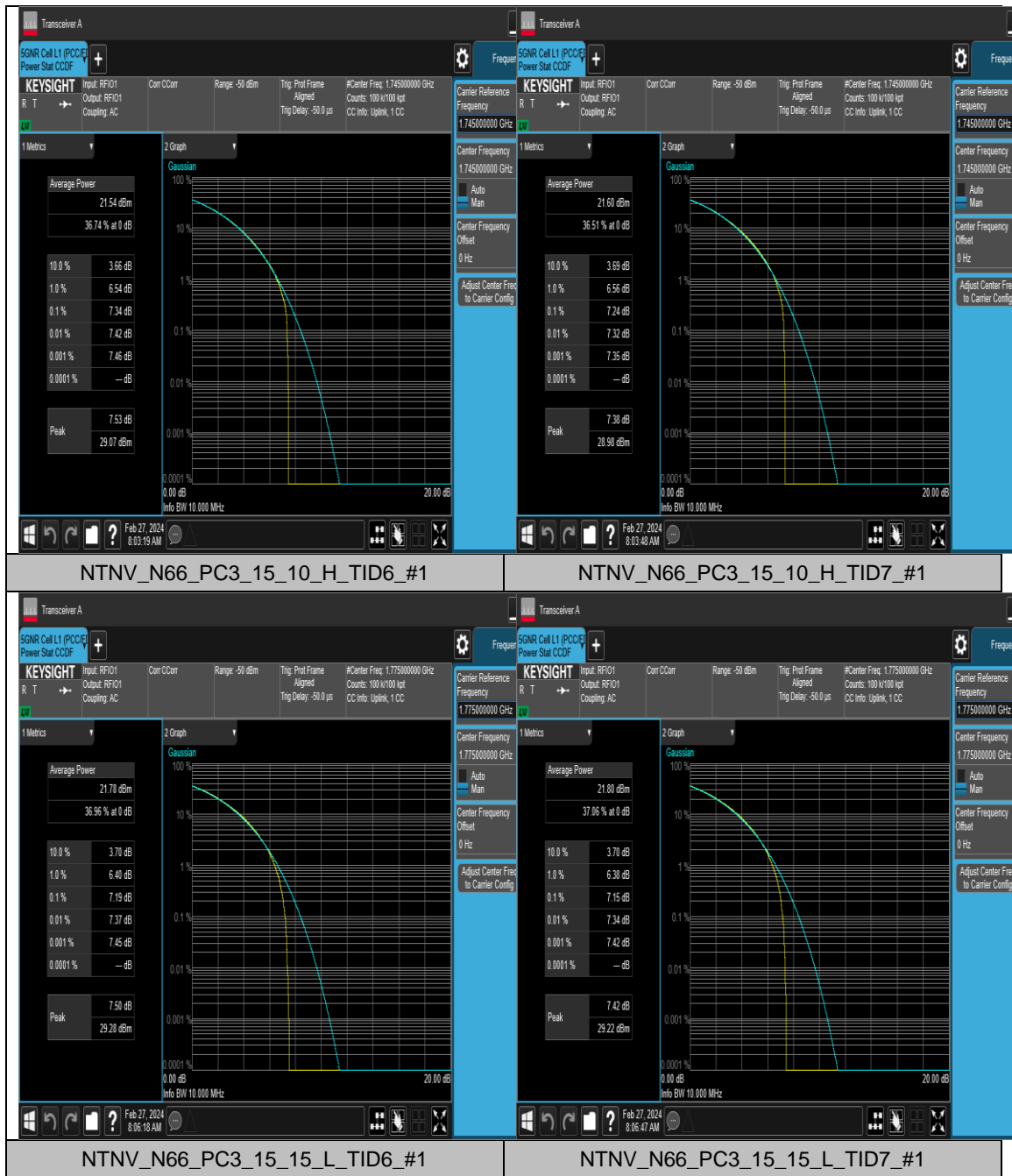
#### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N66	15	5	CP-QPSK	L	Outer_Full	7.66	≤13	PASS
N66	15	5	CP-16QAM	L	Outer_Full	7.69	≤13	PASS
N66	15	5	CP-QPSK	M	Outer_Full	7.10	≤13	PASS
N66	15	5	CP-16QAM	M	Outer_Full	7.19	≤13	PASS
N66	15	5	CP-QPSK	H	Outer_Full	6.52	≤13	PASS
N66	15	5	CP-16QAM	H	Outer_Full	6.81	≤13	PASS
N66	15	10	CP-QPSK	L	Outer_Full	7.79	≤13	PASS
N66	15	10	CP-16QAM	L	Outer_Full	7.73	≤13	PASS
N66	15	10	CP-QPSK	M	Outer_Full	7.34	≤13	PASS
N66	15	10	CP-16QAM	M	Outer_Full	7.24	≤13	PASS
N66	15	10	CP-QPSK	H	Outer_Full	7.19	≤13	PASS
N66	15	10	CP-16QAM	H	Outer_Full	7.15	≤13	PASS
N66	15	15	CP-QPSK	L	Outer_Full	8.54	≤13	PASS
N66	15	15	CP-16QAM	L	Outer_Full	8.37	≤13	PASS
N66	15	15	CP-QPSK	M	Outer_Full	7.35	≤13	PASS
N66	15	15	CP-16QAM	M	Outer_Full	7.37	≤13	PASS
N66	15	15	CP-QPSK	H	Outer_Full	7.48	≤13	PASS
N66	15	15	CP-16QAM	H	Outer_Full	7.42	≤13	PASS
N66	15	20	CP-QPSK	L	Outer_Full	7.65	≤13	PASS
N66	15	20	CP-16QAM	L	Outer_Full	7.65	≤13	PASS
N66	15	20	CP-QPSK	M	Outer_Full	7.87	≤13	PASS
N66	15	20	CP-16QAM	M	Outer_Full	7.89	≤13	PASS
N66	15	20	CP-QPSK	H	Outer_Full	7.40	≤13	PASS
N66	15	20	CP-16QAM	H	Outer_Full	7.46	≤13	PASS

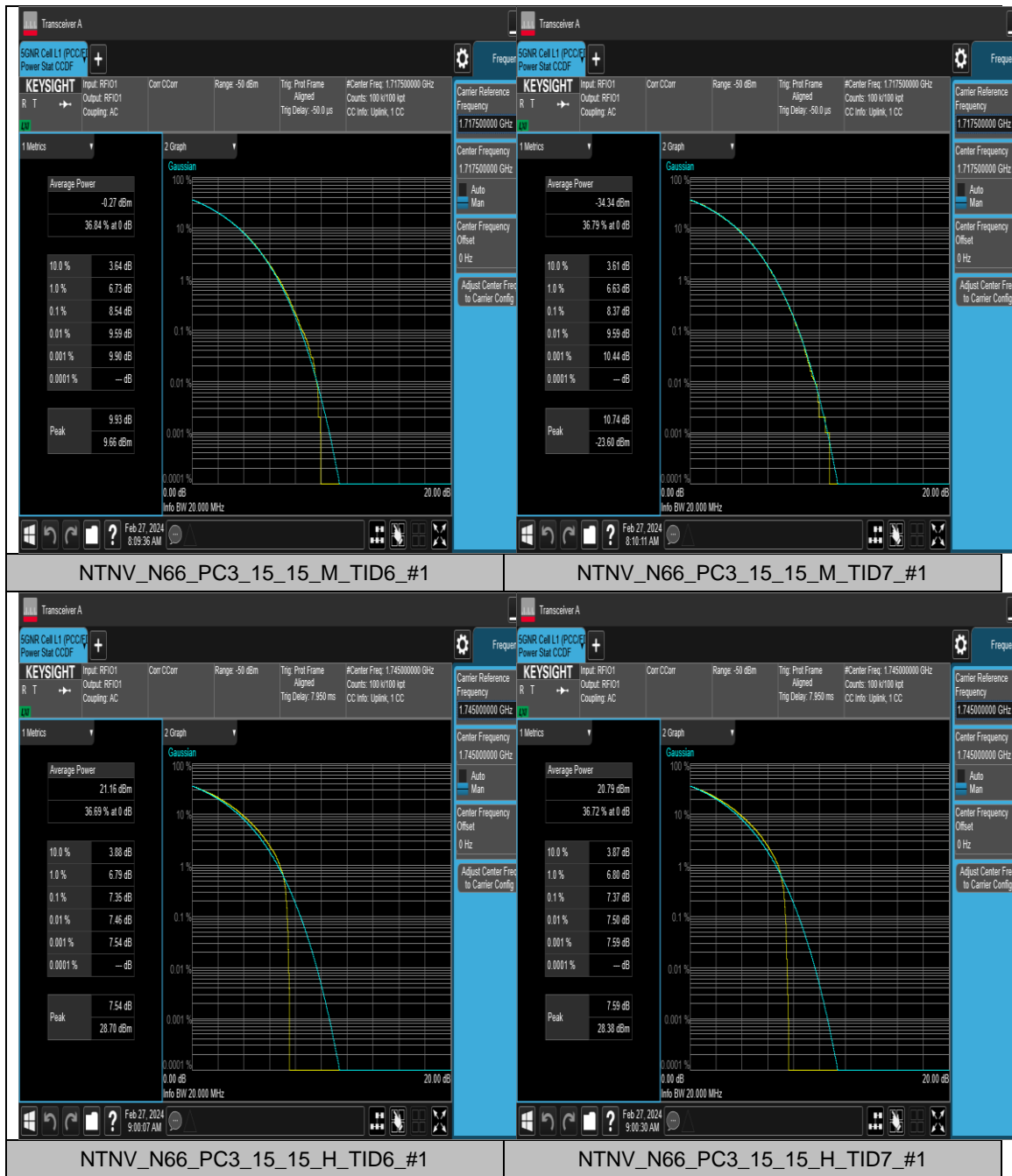
### Test Graphs

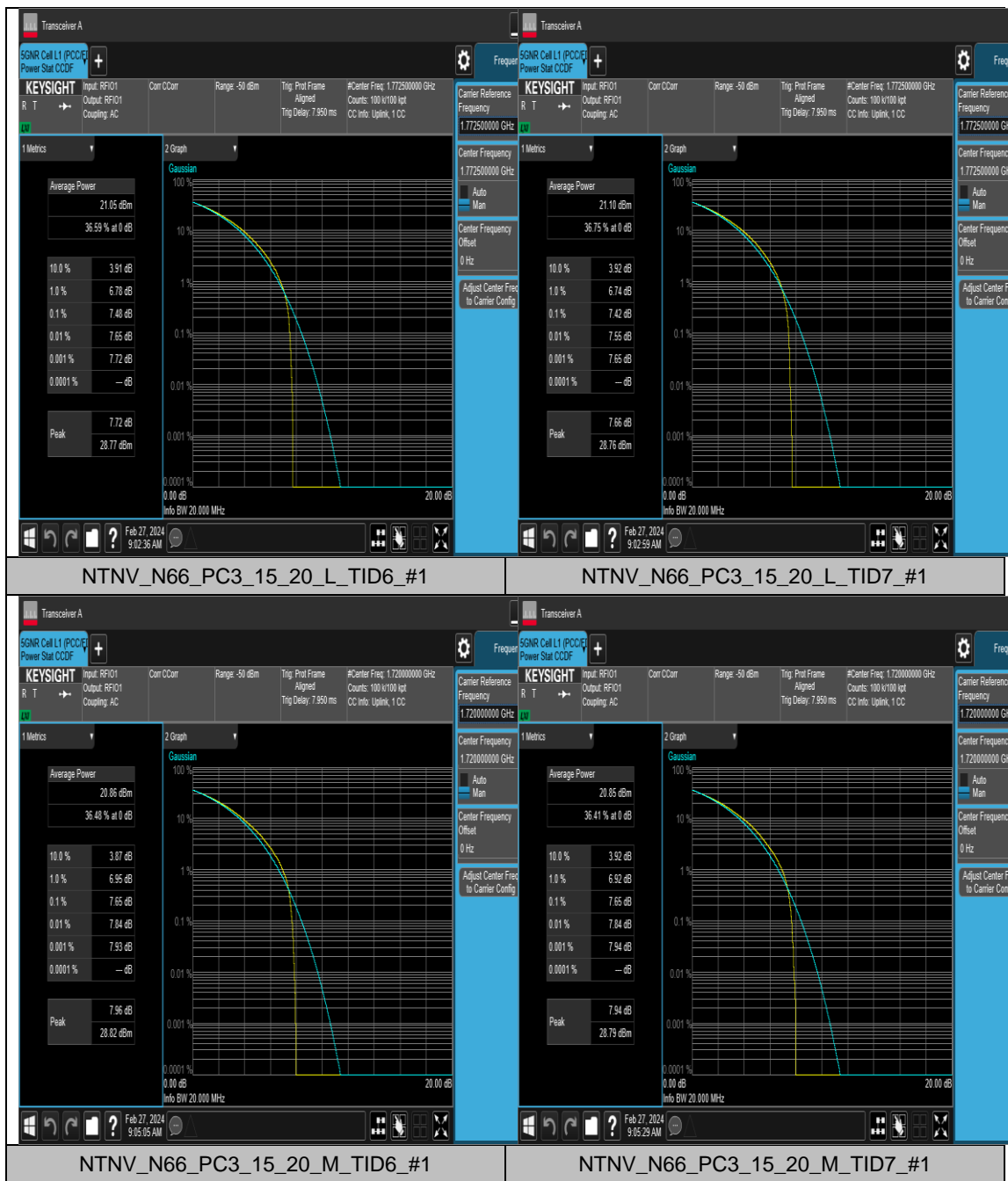


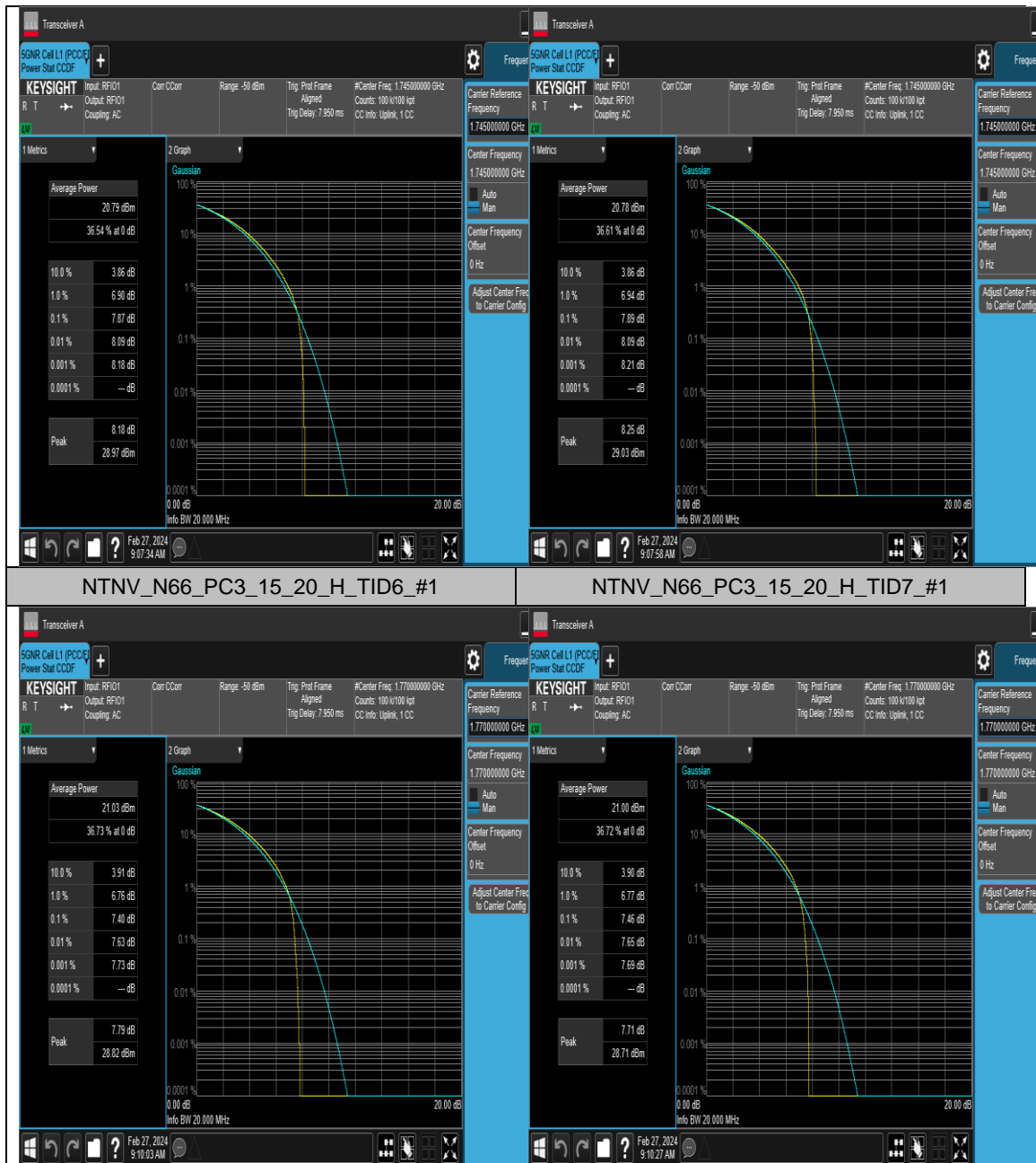










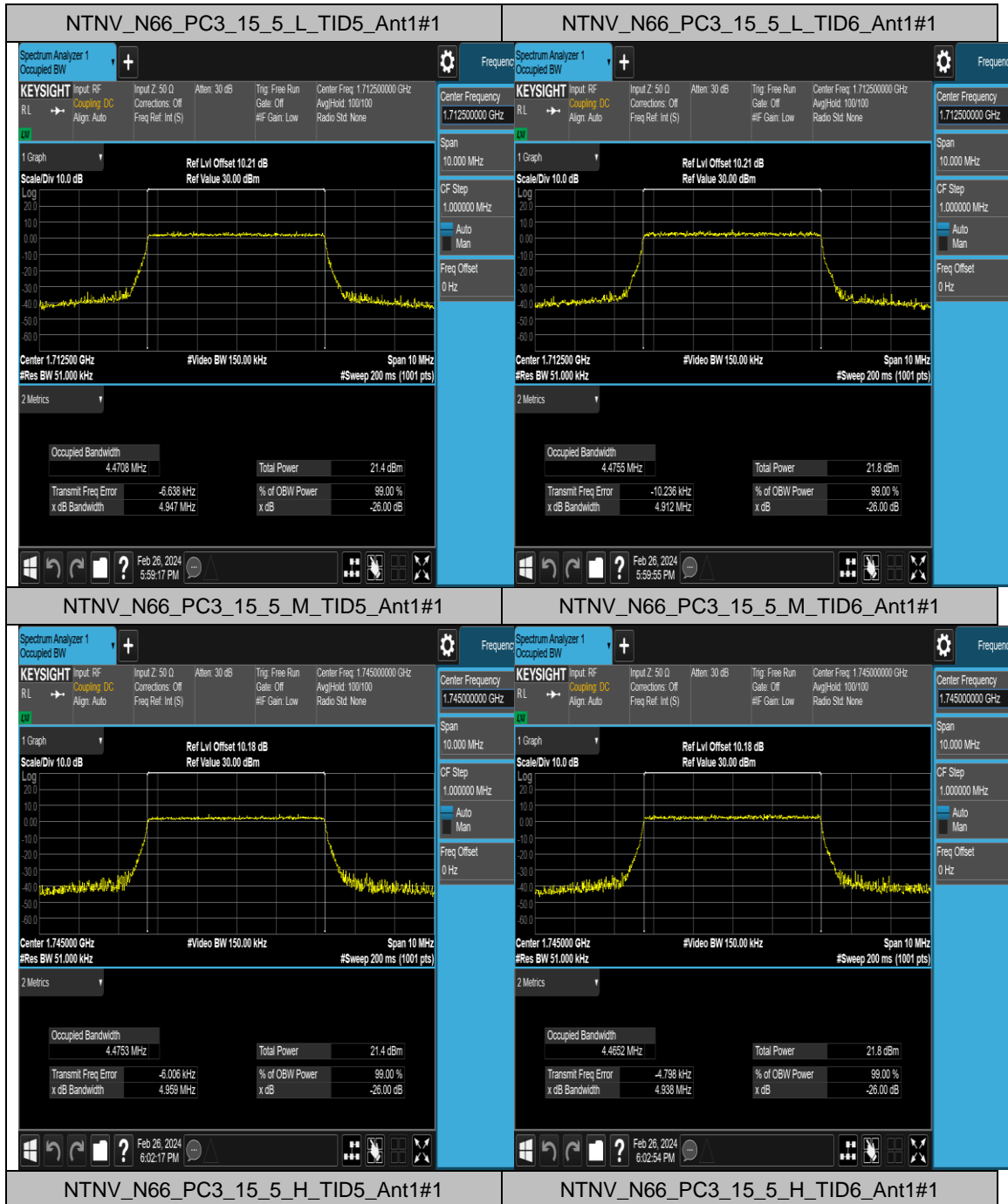


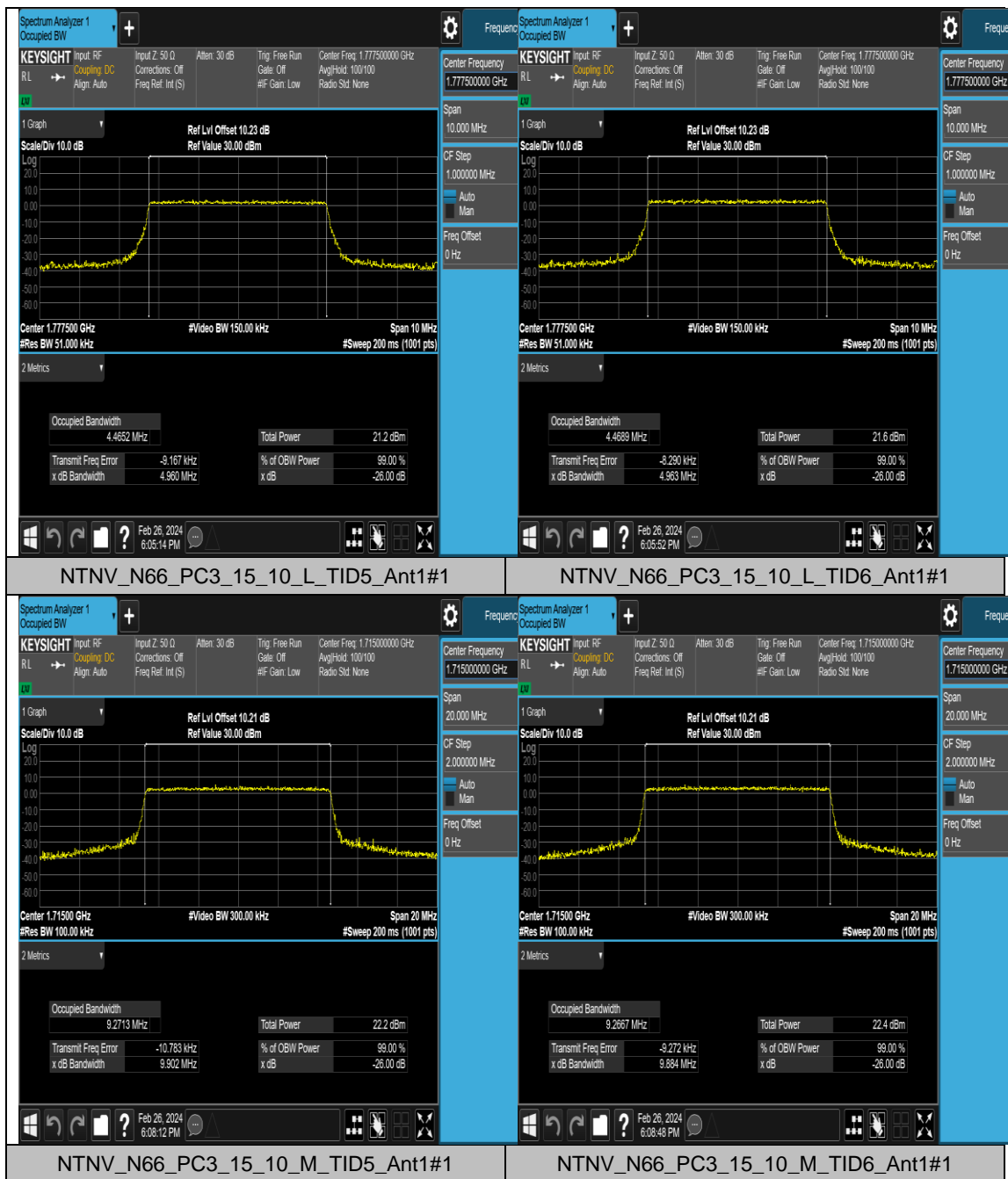
## Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

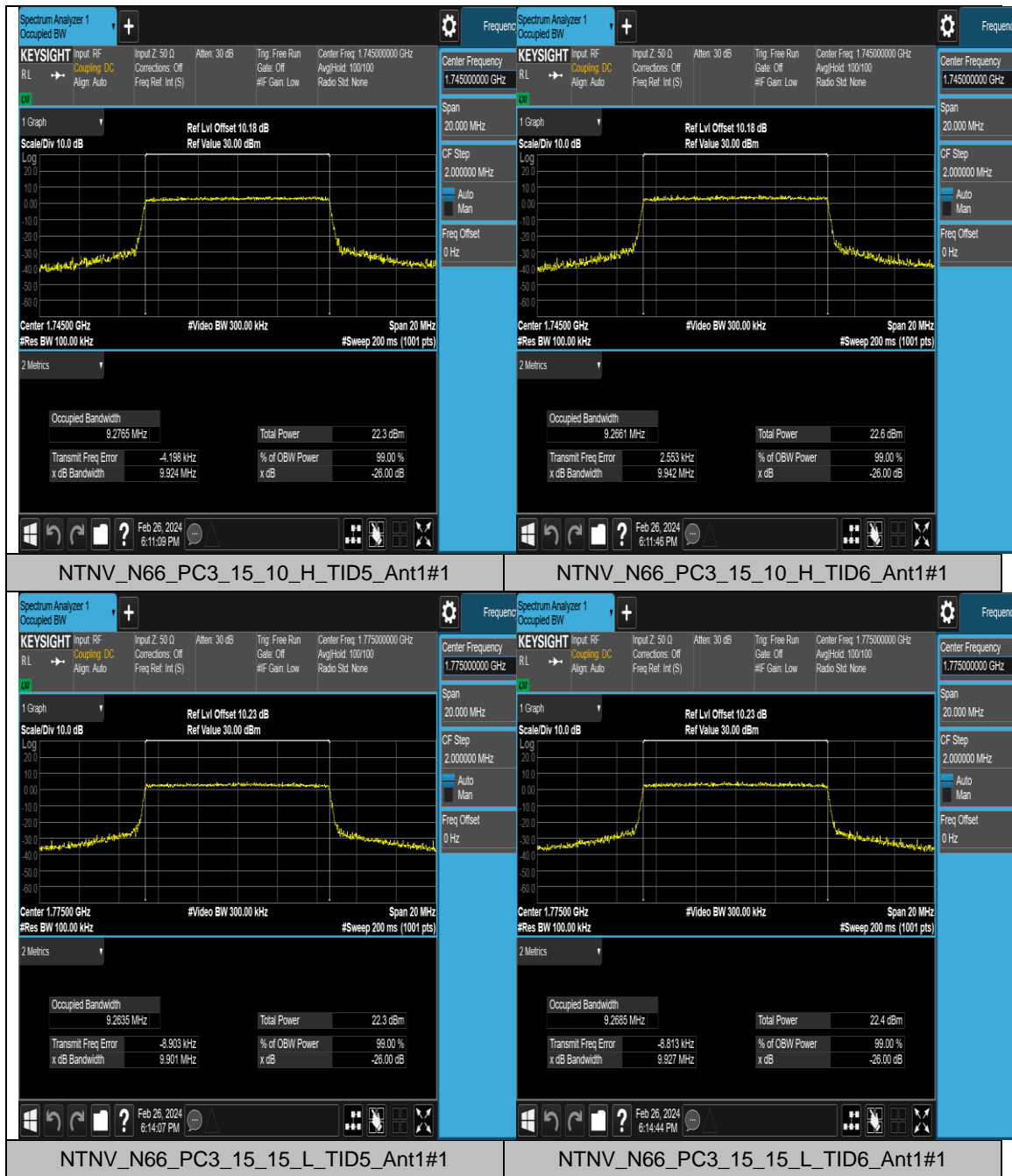
### Test Result

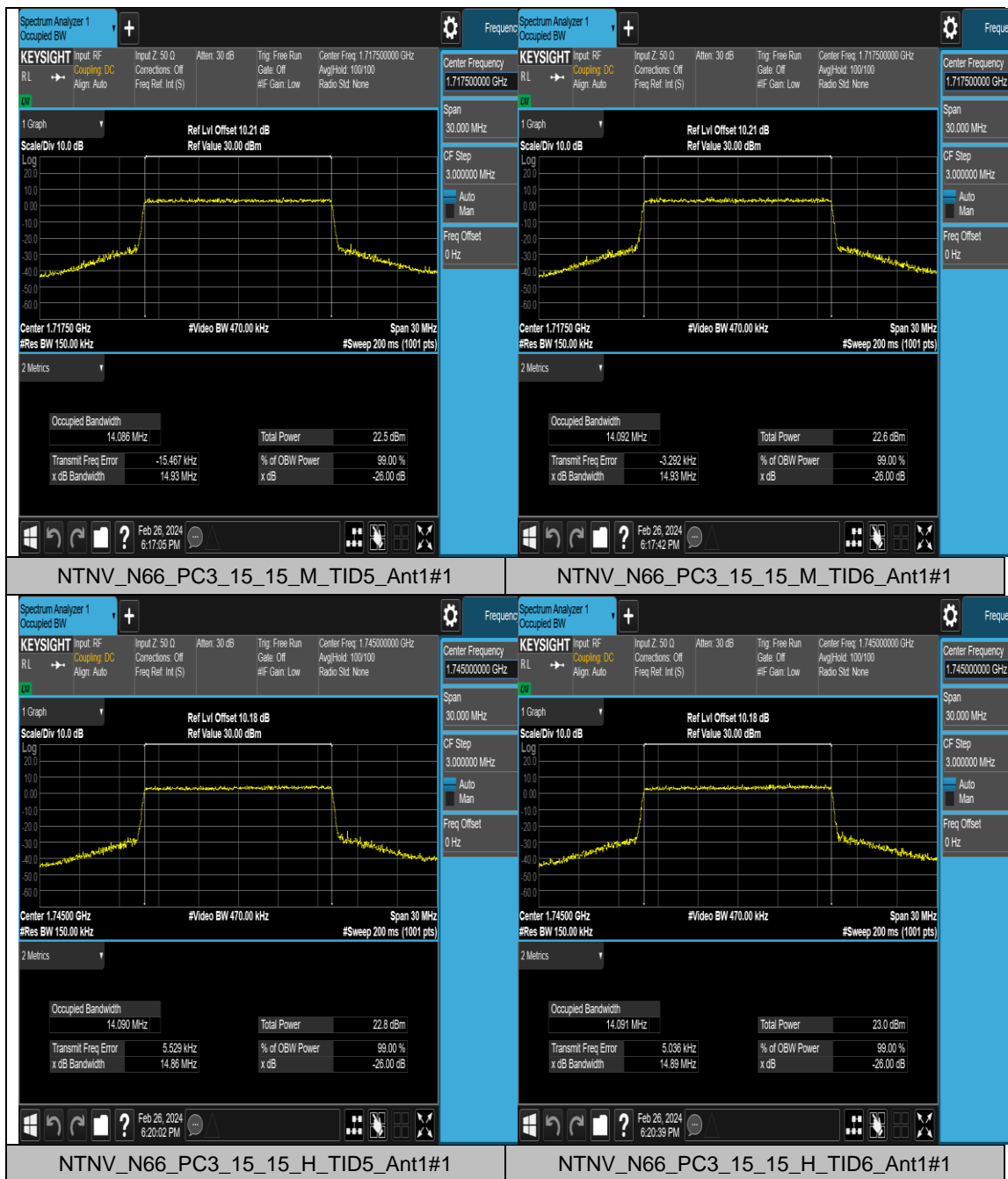
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N66	15	5	CP-QPSK	L	Outer_Full	4.4708	4.947	PASS
N66	15	5	CP-16QAM	L	Outer_Full	4.4755	4.912	PASS
N66	15	5	CP-QPSK	M	Outer_Full	4.4753	4.959	PASS
N66	15	5	CP-16QAM	M	Outer_Full	4.4652	4.938	PASS
N66	15	5	CP-QPSK	H	Outer_Full	4.4652	4.960	PASS
N66	15	5	CP-16QAM	H	Outer_Full	4.4689	4.963	PASS
N66	15	10	CP-QPSK	L	Outer_Full	9.2713	9.902	PASS
N66	15	10	CP-16QAM	L	Outer_Full	9.2667	9.884	PASS
N66	15	10	CP-QPSK	M	Outer_Full	9.2765	9.924	PASS
N66	15	10	CP-16QAM	M	Outer_Full	9.2661	9.942	PASS
N66	15	10	CP-QPSK	H	Outer_Full	9.2635	9.901	PASS
N66	15	10	CP-16QAM	H	Outer_Full	9.2685	9.927	PASS
N66	15	15	CP-QPSK	L	Outer_Full	14.086	14.93	PASS
N66	15	15	CP-16QAM	L	Outer_Full	14.092	14.93	PASS
N66	15	15	CP-QPSK	M	Outer_Full	14.090	14.86	PASS
N66	15	15	CP-16QAM	M	Outer_Full	14.091	14.89	PASS
N66	15	15	CP-QPSK	H	Outer_Full	14.093	14.87	PASS
N66	15	15	CP-16QAM	H	Outer_Full	14.102	14.86	PASS
N66	15	20	CP-QPSK	L	Outer_Full	18.900	19.90	PASS
N66	15	20	CP-16QAM	L	Outer_Full	18.908	19.81	PASS
N66	15	20	CP-QPSK	M	Outer_Full	18.875	19.80	PASS
N66	15	20	CP-16QAM	M	Outer_Full	18.888	19.78	PASS
N66	15	20	CP-QPSK	H	Outer_Full	18.901	19.83	PASS
N66	15	20	CP-16QAM	H	Outer_Full	18.896	19.80	PASS

### Test Graphs

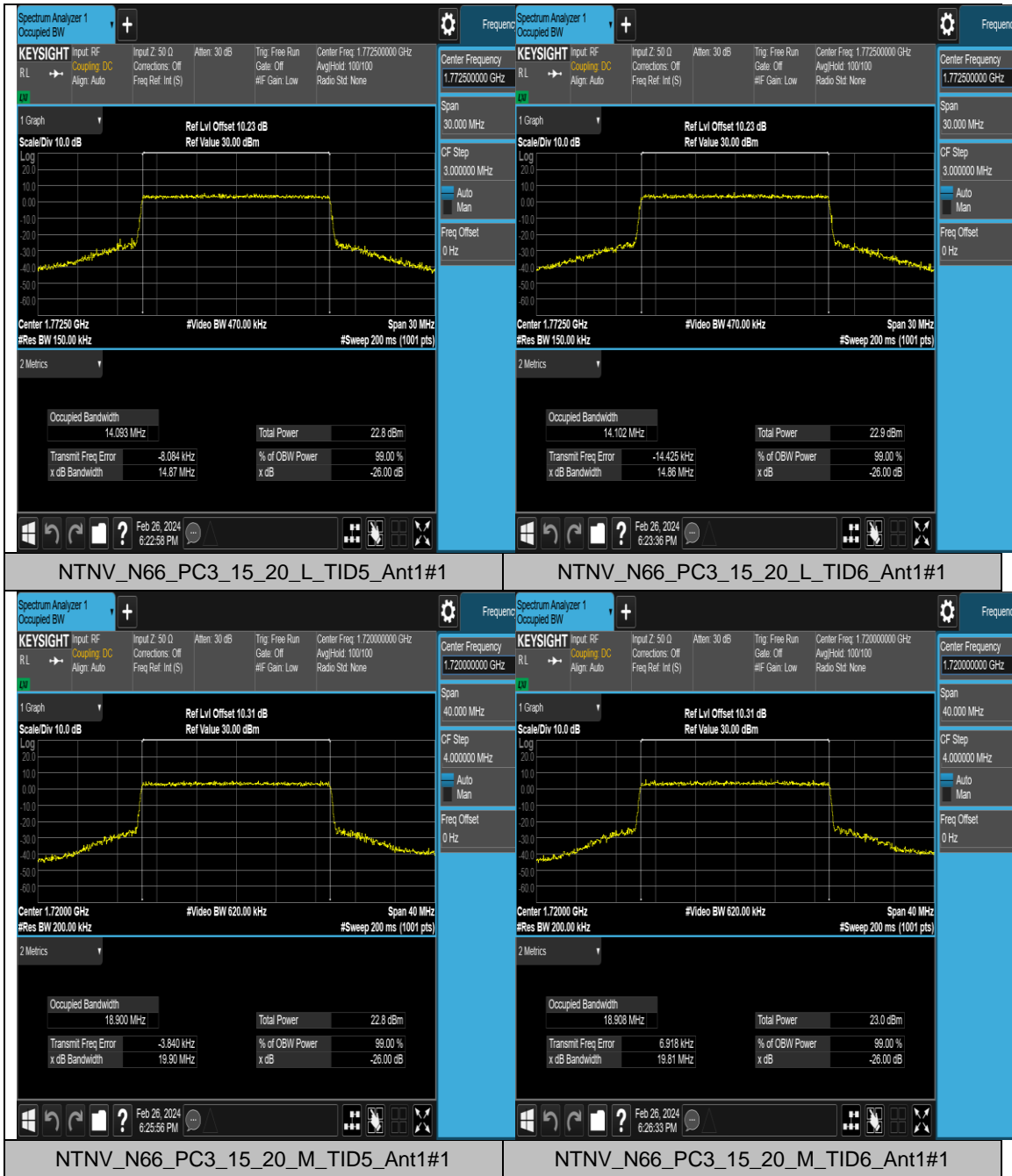


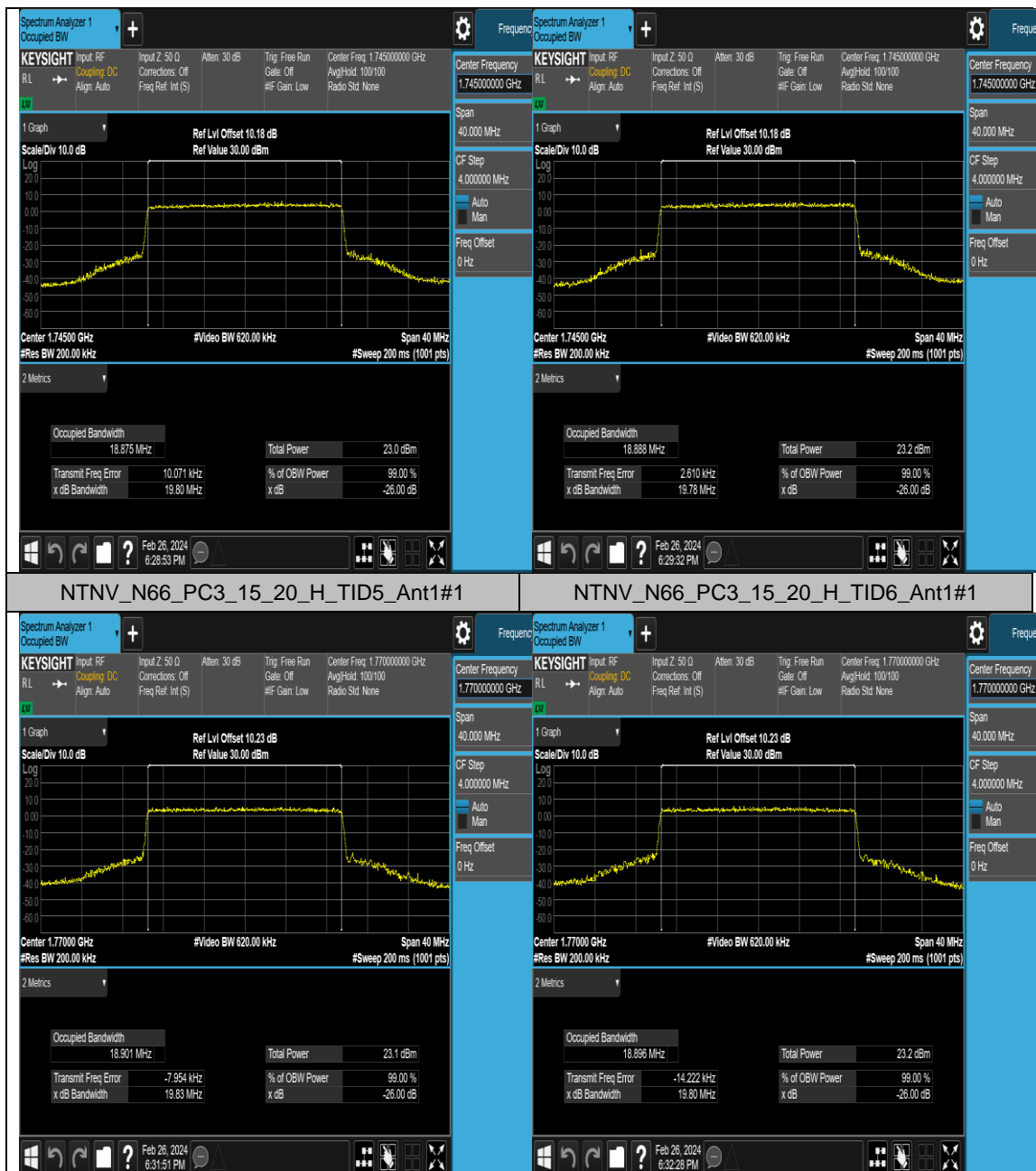












## Appendix D: Band Edge for SA

### 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	DFT-16QAM	L	Outer_Full	PASS
N66	15	5	DFT-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	DFT-16QAM	H	Outer_Full	PASS
N66	15	5	DFT-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	DFT-16QAM	L	Outer_Full	PASS
N66	15	10	DFT-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	DFT-16QAM	H	Outer_Full	PASS
N66	15	10	DFT-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	DFT-16QAM	L	Outer_Full	PASS
N66	15	15	DFT-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	DFT-16QAM	H	Outer_Full	PASS
N66	15	15	DFT-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	DFT-16QAM	L	Outer_Full	PASS
N66	15	20	DFT-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	DFT-16QAM	H	Outer_Full	PASS
N66	15	20	DFT-16QAM	H	Edge_1RB_Right	PASS

### Test Graphs



