

Appendix for N78(3450-3550)

Product Name: 5G Indoor CPE

Model No: TITAN 5000

Appendix A: Average Power Output Data

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	Power Class	Verdict
N78-3450-3550	30	10	DFT-QPSK	L	Edge_1RB_Left	21.16	PC2	PASS
N78-3450-3550	30	10	DFT-QPSK	L	Edge_1RB_Right	21.14	PC2	PASS
N78-3450-3550	30	10	DFT-QPSK	L	Outer_Full	23.76	PC2	PASS
N78-3450-3550	30	10	DFT-QPSK	L	Inner_Full	24.69	PC2	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Edge_1RB_Left	21.29	PC2	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Edge_1RB_Right	21.35	PC2	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Outer_Full	22.59	PC2	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Inner_Full	23.69	PC2	PASS
N78-3450-3550	30	10	DFT-64QAM	L	Edge_1RB_Left	21.96	PC2	PASS
N78-3450-3550	30	10	DFT-64QAM	L	Edge_1RB_Right	21.65	PC2	PASS
N78-3450-3550	30	10	DFT-64QAM	L	Outer_Full	22.78	PC2	PASS
N78-3450-3550	30	10	DFT-64QAM	L	Inner_Full	22.80	PC2	PASS
N78-3450-3550	30	10	DFT-256QAM	L	Edge_1RB_Left	20.75	PC2	PASS
N78-3450-3550	30	10	DFT-256QAM	L	Edge_1RB_Right	20.53	PC2	PASS
N78-3450-3550	30	10	DFT-256QAM	L	Outer_Full	20.75	PC2	PASS
N78-3450-3550	30	10	DFT-256QAM	L	Inner_Full	20.74	PC2	PASS
N78-3450-3550	30	10	CP-QPSK	L	Edge_1RB_Left	21.83	PC2	PASS
N78-3450-3550	30	10	CP-QPSK	L	Edge_1RB_Right	21.50	PC2	PASS

-3550								
N78-3450 -3550	30	10	CP-QPSK	L	Outer_Full	22.31	PC2	PASS
N78-3450 -3550	30	10	CP-QPSK	L	Inner_Full	23.68	PC2	PASS
N78-3450 -3550	30	10	CP-16QAM	L	Edge_1RB_Left	21.86	PC2	PASS
N78-3450 -3550	30	10	CP-16QAM	L	Edge_1RB_Right	21.65	PC2	PASS
N78-3450 -3550	30	10	CP-16QAM	L	Outer_Full	22.16	PC2	PASS
N78-3450 -3550	30	10	CP-16QAM	L	Inner_Full	23.28	PC2	PASS
N78-3450 -3550	30	10	CP-64QAM	L	Edge_1RB_Left	22.07	PC2	PASS
N78-3450 -3550	30	10	CP-64QAM	L	Edge_1RB_Right	21.80	PC2	PASS
N78-3450 -3550	30	10	CP-64QAM	L	Outer_Full	21.79	PC2	PASS
N78-3450 -3550	30	10	CP-64QAM	L	Inner_Full	21.82	PC2	PASS
N78-3450 -3550	30	10	CP-256QAM	L	Edge_1RB_Left	19.11	PC2	PASS
N78-3450 -3550	30	10	CP-256QAM	L	Edge_1RB_Right	18.79	PC2	PASS
N78-3450 -3550	30	10	CP-256QAM	L	Outer_Full	18.75	PC2	PASS
N78-3450 -3550	30	10	CP-256QAM	L	Inner_Full	18.83	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	L	Outer_Full	24.09	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	L	Inner_Full	25.19	PC2	PASS
N78-3450 -3550	30	10	DFT-QPSK	M	Outer_Full	24.41	PC2	PASS
N78-3450 -3550	30	10	DFT-QPSK	M	Inner_Full	25.37	PC2	PASS
N78-3450 -3550	30	10	DFT-QPSK	M	Edge_1RB_Left	21.67	PC2	PASS
N78-3450 -3550	30	10	DFT-QPSK	M	Edge_1RB_Right	22.03	PC2	PASS
N78-3450	30	10	DFT-16QAM	M	Outer_Full	23.35	PC2	PASS

-3550								
N78-3450 -3550	30	10	DFT-16QAM	M	Inner_Full	24.40	PC2	PASS
N78-3450 -3550	30	10	DFT-16QAM	M	Edge_1RB_Left	21.99	PC2	PASS
N78-3450 -3550	30	10	DFT-16QAM	M	Edge_1RB_Right	22.36	PC2	PASS
N78-3450 -3550	30	10	DFT-QPSK	H	Outer_Full	24.62	PC2	PASS
N78-3450 -3550	30	10	DFT-QPSK	H	Inner_Full	25.65	PC2	PASS
N78-3450 -3550	30	10	DFT-QPSK	H	Edge_1RB_Left	22.02	PC2	PASS
N78-3450 -3550	30	10	DFT-QPSK	H	Edge_1RB_Right	22.05	PC2	PASS
N78-3450 -3550	30	10	DFT-16QAM	H	Outer_Full	23.35	PC2	PASS
N78-3450 -3550	30	10	DFT-16QAM	H	Inner_Full	24.67	PC2	PASS
N78-3450 -3550	30	10	DFT-16QAM	H	Edge_1RB_Left	22.31	PC2	PASS
N78-3450 -3550	30	10	DFT-16QAM	H	Edge_1RB_Right	22.26	PC2	PASS
N78-3450 -3550	30	15	DFT-QPSK	L	Outer_Full	24.17	PC2	PASS
N78-3450 -3550	30	15	DFT-QPSK	L	Inner_Full	25.14	PC2	PASS
N78-3450 -3550	30	15	DFT-QPSK	L	Edge_1RB_Left	21.53	PC2	PASS
N78-3450 -3550	30	15	DFT-QPSK	L	Edge_1RB_Right	21.80	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	L	Outer_Full	23.10	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	L	Inner_Full	24.07	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	L	Edge_1RB_Left	21.85	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	L	Edge_1RB_Right	22.05	PC2	PASS
N78-3450 -3550	30	15	DFT-QPSK	M	Outer_Full	24.40	PC2	PASS
N78-3450	30	15	DFT-QPSK	M	Inner_Full	25.35	PC2	PASS

-3550								
N78-3450 -3550	30	15	DFT-QPSK	M	Edge_1RB_Left	21.63	PC2	PASS
N78-3450 -3550	30	15	DFT-QPSK	M	Edge_1RB_Right	22.03	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	M	Outer_Full	23.37	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	M	Inner_Full	24.27	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	M	Edge_1RB_Left	22.03	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	M	Edge_1RB_Right	22.42	PC2	PASS
N78-3450 -3550	30	15	DFT-QPSK	H	Outer_Full	24.64	PC2	PASS
N78-3450 -3550	30	15	DFT-QPSK	H	Inner_Full	25.69	PC2	PASS
N78-3450 -3550	30	15	DFT-QPSK	H	Edge_1RB_Left	21.94	PC2	PASS
N78-3450 -3550	30	15	DFT-QPSK	H	Edge_1RB_Right	22.04	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	H	Outer_Full	23.60	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	H	Inner_Full	24.62	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	H	Edge_1RB_Left	22.36	PC2	PASS
N78-3450 -3550	30	15	DFT-16QAM	H	Edge_1RB_Right	22.44	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	L	Outer_Full	24.22	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	L	Inner_Full	25.13	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	L	Edge_1RB_Left	21.54	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	L	Edge_1RB_Right	21.99	PC2	PASS
N78-3450 -3550	30	20	DFT-16QAM	L	Outer_Full	23.25	PC2	PASS
N78-3450 -3550	30	20	DFT-16QAM	L	Inner_Full	24.21	PC2	PASS
N78-3450	30	20	DFT-16QAM	L	Edge_1RB_Left	21.77	PC2	PASS

-3550								
N78-3450 -3550	30	20	DFT-16QAM	L	Edge_1RB_Right	22.20	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	M	Outer_Full	24.31	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	M	Inner_Full	25.36	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	M	Edge_1RB_Left	21.66	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	M	Edge_1RB_Right	22.17	PC2	PASS
N78-3450 -3550	30	20	DFT-16QAM	M	Outer_Full	23.31	PC2	PASS
N78-3450 -3550	30	20	DFT-16QAM	M	Inner_Full	24.34	PC2	PASS
N78-3450 -3550	30	20	DFT-16QAM	M	Edge_1RB_Left	22.04	PC2	PASS
N78-3450 -3550	30	20	DFT-16QAM	M	Edge_1RB_Right	22.48	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	H	Outer_Full	24.62	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	H	Inner_Full	25.60	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	H	Edge_1RB_Left	21.85	PC2	PASS
N78-3450 -3550	30	20	DFT-QPSK	H	Edge_1RB_Right	22.10	PC2	PASS
N78-3450 -3550	30	20	DFT-16QAM	H	Outer_Full	23.63	PC2	PASS
N78-3450 -3550	30	20	DFT-16QAM	H	Inner_Full	24.58	PC2	PASS
N78-3450 -3550	30	20	DFT-16QAM	H	Edge_1RB_Left	22.20	PC2	PASS
N78-3450 -3550	30	20	DFT-16QAM	H	Edge_1RB_Right	22.43	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	L	Outer_Full	24.48	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	L	Inner_Full	25.42	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	L	Edge_1RB_Left	21.67	PC2	PASS
N78-3450	30	30	DFT-QPSK	L	Edge_1RB_Right	21.97	PC2	PASS

-3550								
N78-3450 -3550	30	30	DFT-16QAM	L	Outer_Full	23.50	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	L	Inner_Full	24.42	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	L	Edge_1RB_Left	21.98	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	L	Edge_1RB_Right	22.28	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	M	Outer_Full	24.52	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	M	Inner_Full	25.37	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	M	Edge_1RB_Left	21.83	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	M	Edge_1RB_Right	22.03	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	M	Outer_Full	23.54	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	M	Inner_Full	24.41	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	M	Edge_1RB_Left	22.18	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	M	Edge_1RB_Right	22.48	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	H	Outer_Full	24.46	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	H	Inner_Full	25.43	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	H	Edge_1RB_Left	21.87	PC2	PASS
N78-3450 -3550	30	30	DFT-QPSK	H	Edge_1RB_Right	22.10	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	H	Outer_Full	23.46	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	H	Inner_Full	24.44	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	H	Edge_1RB_Left	22.18	PC2	PASS
N78-3450 -3550	30	30	DFT-16QAM	H	Edge_1RB_Right	22.46	PC2	PASS
N78-3450	30	40	DFT-QPSK	L	Outer_Full	24.42	PC2	PASS

-3550								
N78-3450 -3550	30	40	DFT-QPSK	L	Inner_Full	25.59	PC2	PASS
N78-3450 -3550	30	40	DFT-QPSK	L	Edge_1RB_Left	21.75	PC2	PASS
N78-3450 -3550	30	40	DFT-QPSK	L	Edge_1RB_Right	21.71	PC2	PASS
N78-3450 -3550	30	40	DFT-16QAM	L	Outer_Full	23.45	PC2	PASS
N78-3450 -3550	30	40	DFT-16QAM	L	Inner_Full	24.53	PC2	PASS
N78-3450 -3550	30	40	DFT-16QAM	L	Edge_1RB_Left	22.07	PC2	PASS
N78-3450 -3550	30	40	DFT-16QAM	L	Edge_1RB_Right	22.13	PC2	PASS
N78-3450 -3550	30	40	DFT-QPSK	M	Outer_Full	24.47	PC2	PASS
N78-3450 -3550	30	40	DFT-QPSK	M	Inner_Full	25.45	PC2	PASS
N78-3450 -3550	30	40	DFT-QPSK	M	Edge_1RB_Left	22.12	PC2	PASS
N78-3450 -3550	30	40	DFT-QPSK	M	Edge_1RB_Right	21.93	PC2	PASS
N78-3450 -3550	30	40	DFT-16QAM	M	Outer_Full	23.55	PC2	PASS
N78-3450 -3550	30	40	DFT-16QAM	M	Inner_Full	24.45	PC2	PASS
N78-3450 -3550	30	40	DFT-16QAM	M	Edge_1RB_Left	22.46	PC2	PASS
N78-3450 -3550	30	40	DFT-16QAM	M	Edge_1RB_Right	22.24	PC2	PASS
N78-3450 -3550	30	40	DFT-QPSK	H	Outer_Full	24.47	PC2	PASS
N78-3450 -3550	30	40	DFT-QPSK	H	Inner_Full	25.42	PC2	PASS
N78-3450 -3550	30	40	DFT-QPSK	H	Edge_1RB_Left	22.11	PC2	PASS
N78-3450 -3550	30	40	DFT-QPSK	H	Edge_1RB_Right	22.21	PC2	PASS
N78-3450 -3550	30	40	DFT-16QAM	H	Outer_Full	23.58	PC2	PASS
N78-3450	30	40	DFT-16QAM	H	Inner_Full	24.40	PC2	PASS

-3550								
N78-3450 -3550	30	40	DFT-16QAM	H	Edge_1RB_Left	22.39	PC2	PASS
N78-3450 -3550	30	40	DFT-16QAM	H	Edge_1RB_Right	22.45	PC2	PASS
N78-3450 -3550	30	50	DFT-QPSK	L	Outer_Full	24.17	PC2	PASS
N78-3450 -3550	30	50	DFT-QPSK	L	Inner_Full	25.37	PC2	PASS
N78-3450 -3550	30	50	DFT-QPSK	L	Edge_1RB_Left	21.41	PC2	PASS
N78-3450 -3550	30	50	DFT-QPSK	L	Edge_1RB_Right	21.45	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	L	Outer_Full	23.21	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	L	Inner_Full	24.31	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	L	Edge_1RB_Left	21.71	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	L	Edge_1RB_Right	21.81	PC2	PASS
N78-3450 -3550	30	50	DFT-QPSK	M	Outer_Full	24.28	PC2	PASS
N78-3450 -3550	30	50	DFT-QPSK	M	Inner_Full	25.19	PC2	PASS
N78-3450 -3550	30	50	DFT-QPSK	M	Edge_1RB_Left	21.98	PC2	PASS
N78-3450 -3550	30	50	DFT-QPSK	M	Edge_1RB_Right	21.55	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	M	Outer_Full	23.23	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	M	Inner_Full	24.19	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	M	Edge_1RB_Left	22.30	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	M	Edge_1RB_Right	21.88	PC2	PASS
N78-3450 -3550	30	50	DFT-QPSK	H	Outer_Full	24.21	PC2	PASS
N78-3450 -3550	30	50	DFT-QPSK	H	Inner_Full	25.17	PC2	PASS
N78-3450	30	50	DFT-QPSK	H	Edge_1RB_Left	21.54	PC2	PASS

-3550								
N78-3450 -3550	30	50	DFT-QPSK	H	Edge_1RB_Right	21.82	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	H	Outer_Full	23.27	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	H	Inner_Full	24.22	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	H	Edge_1RB_Left	21.92	PC2	PASS
N78-3450 -3550	30	50	DFT-16QAM	H	Edge_1RB_Right	22.13	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	L	Outer_Full	24.18	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	L	Inner_Full	25.28	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	L	Edge_1RB_Left	21.41	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	L	Edge_1RB_Right	21.76	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	L	Outer_Full	23.23	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	L	Inner_Full	24.21	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	L	Edge_1RB_Left	21.65	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	L	Edge_1RB_Right	22.08	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	M	Outer_Full	24.25	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	M	Inner_Full	25.19	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	M	Edge_1RB_Left	21.98	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	M	Edge_1RB_Right	21.52	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	M	Outer_Full	23.21	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	M	Inner_Full	24.17	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	M	Edge_1RB_Left	22.24	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	M	Edge_1RB_Right	21.79	PC2	PASS

-3550								
N78-3450 -3550	30	60	DFT-QPSK	H	Outer_Full	24.26	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	H	Inner_Full	25.30	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	H	Edge_1RB_Left	21.56	PC2	PASS
N78-3450 -3550	30	60	DFT-QPSK	H	Edge_1RB_Right	21.77	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	H	Outer_Full	23.22	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	H	Inner_Full	24.28	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	H	Edge_1RB_Left	21.82	PC2	PASS
N78-3450 -3550	30	60	DFT-16QAM	H	Edge_1RB_Right	22.08	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	L	Edge_1RB_Left	21.31	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	L	Edge_1RB_Right	21.41	PC2	PASS
N78-3450 -3550	30	70	DFT-16QAM	L	Outer_Full	23.12	PC2	PASS
N78-3450 -3550	30	70	DFT-16QAM	L	Inner_Full	24.11	PC2	PASS
N78-3450 -3550	30	70	DFT-16QAM	L	Edge_1RB_Left	21.73	PC2	PASS
N78-3450 -3550	30	70	DFT-16QAM	L	Edge_1RB_Right	21.75	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	M	Outer_Full	24.21	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	M	Inner_Full	25.17	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	M	Edge_1RB_Left	21.72	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	M	Edge_1RB_Right	21.60	PC2	PASS
N78-3450 -3550	30	70	DFT-16QAM	M	Outer_Full	23.08	PC2	PASS
N78-3450 -3550	30	70	DFT-16QAM	M	Inner_Full	24.11	PC2	PASS
N78-3450	30	70	DFT-16QAM	M	Edge_1RB_Left	22.07	PC2	PASS

-3550								
N78-3450 -3550	30	70	DFT-16QAM	M	Edge_1RB_Right	21.95	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	H	Outer_Full	24.19	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	H	Inner_Full	25.23	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	H	Edge_1RB_Left	21.76	PC2	PASS
N78-3450 -3550	30	70	DFT-QPSK	H	Edge_1RB_Right	21.71	PC2	PASS
N78-3450 -3550	30	70	DFT-16QAM	H	Outer_Full	23.17	PC2	PASS
N78-3450 -3550	30	70	DFT-16QAM	H	Inner_Full	24.18	PC2	PASS
N78-3450 -3550	30	70	DFT-16QAM	H	Edge_1RB_Left	22.10	PC2	PASS
N78-3450 -3550	30	70	DFT-16QAM	H	Edge_1RB_Right	22.02	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	L	Outer_Full	24.13	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	L	Inner_Full	25.13	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	L	Edge_1RB_Left	21.27	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	L	Edge_1RB_Right	21.31	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	L	Outer_Full	23.15	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	L	Inner_Full	24.14	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	L	Edge_1RB_Left	21.59	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	L	Edge_1RB_Right	21.62	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	M	Outer_Full	24.21	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	M	Inner_Full	25.15	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	M	Edge_1RB_Left	21.47	PC2	PASS
N78-3450	30	80	DFT-QPSK	M	Edge_1RB_Right	21.67	PC2	PASS

-3550								
N78-3450 -3550	30	80	DFT-16QAM	M	Outer_Full	23.19	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	M	Inner_Full	24.11	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	M	Edge_1RB_Left	21.70	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	M	Edge_1RB_Right	21.99	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	H	Outer_Full	24.16	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	H	Inner_Full	25.17	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	H	Edge_1RB_Left	21.91	PC2	PASS
N78-3450 -3550	30	80	DFT-QPSK	H	Edge_1RB_Right	21.74	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	H	Outer_Full	23.23	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	H	Inner_Full	24.18	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	H	Edge_1RB_Left	22.22	PC2	PASS
N78-3450 -3550	30	80	DFT-16QAM	H	Edge_1RB_Right	22.01	PC2	PASS
N78-3450 -3550	30	90	DFT-QPSK	L	Outer_Full	24.04	PC2	PASS
N78-3450 -3550	30	90	DFT-QPSK	L	Inner_Full	25.16	PC2	PASS
N78-3450 -3550	30	90	DFT-QPSK	L	Edge_1RB_Left	21.27	PC2	PASS
N78-3450 -3550	30	90	DFT-QPSK	L	Edge_1RB_Right	21.71	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	L	Outer_Full	23.15	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	L	Inner_Full	24.09	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	L	Edge_1RB_Left	21.41	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	L	Edge_1RB_Right	21.97	PC2	PASS
N78-3450	30	90	DFT-QPSK	M	Outer_Full	24.14	PC2	PASS

-3550								
N78-3450 -3550	30	90	DFT-QPSK	M	Inner_Full	25.14	PC2	PASS
N78-3450 -3550	30	90	DFT-QPSK	M	Edge_1RB_Left	21.26	PC2	PASS
N78-3450 -3550	30	90	DFT-QPSK	M	Edge_1RB_Right	21.81	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	M	Outer_Full	23.17	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	M	Inner_Full	24.23	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	M	Edge_1RB_Left	21.63	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	M	Edge_1RB_Right	22.11	PC2	PASS
N78-3450 -3550	30	90	DFT-QPSK	H	Outer_Full	24.19	PC2	PASS
N78-3450 -3550	30	90	DFT-QPSK	H	Inner_Full	25.25	PC2	PASS
N78-3450 -3550	30	90	DFT-QPSK	H	Edge_1RB_Left	21.45	PC2	PASS
N78-3450 -3550	30	90	DFT-QPSK	H	Edge_1RB_Right	21.84	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	H	Outer_Full	23.27	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	H	Inner_Full	24.07	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	H	Edge_1RB_Left	21.83	PC2	PASS
N78-3450 -3550	30	90	DFT-16QAM	H	Edge_1RB_Right	22.20	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	L	Outer_Full	24.16	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	L	Inner_Full	25.21	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	L	Edge_1RB_Left	21.15	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	L	Edge_1RB_Right	21.66	PC2	PASS
N78-3450 -3550	30	100	DFT-16QAM	L	Outer_Full	23.14	PC2	PASS
N78-3450	30	100	DFT-16QAM	L	Inner_Full	24.14	PC2	PASS

-3550								
N78-3450 -3550	30	100	DFT-16QAM	L	Edge_1RB_Left	21.45	PC2	PASS
N78-3450 -3550	30	100	DFT-16QAM	L	Edge_1RB_Right	22.05	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	M	Outer_Full	24.14	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	M	Inner_Full	25.16	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	M	Edge_1RB_Left	21.16	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	M	Edge_1RB_Right	21.62	PC2	PASS
N78-3450 -3550	30	100	DFT-16QAM	M	Outer_Full	23.15	PC2	PASS
N78-3450 -3550	30	100	DFT-16QAM	M	Inner_Full	24.12	PC2	PASS
N78-3450 -3550	30	100	DFT-16QAM	M	Edge_1RB_Left	21.54	PC2	PASS
N78-3450 -3550	30	100	DFT-16QAM	M	Edge_1RB_Right	22.03	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	H	Outer_Full	24.12	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	H	Inner_Full	25.16	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	H	Edge_1RB_Left	21.33	PC2	PASS
N78-3450 -3550	30	100	DFT-QPSK	H	Edge_1RB_Right	21.67	PC2	PASS
N78-3450 -3550	30	100	DFT-16QAM	H	Outer_Full	23.15	PC2	PASS
N78-3450 -3550	30	100	DFT-16QAM	H	Inner_Full	24.16	PC2	PASS
N78-3450 -3550	30	100	DFT-16QAM	H	Edge_1RB_Left	21.52	PC2	PASS
N78-3450 -3550	30	100	DFT-16QAM	H	Edge_1RB_Right	22.03	PC2	PASS

Appendix B: Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

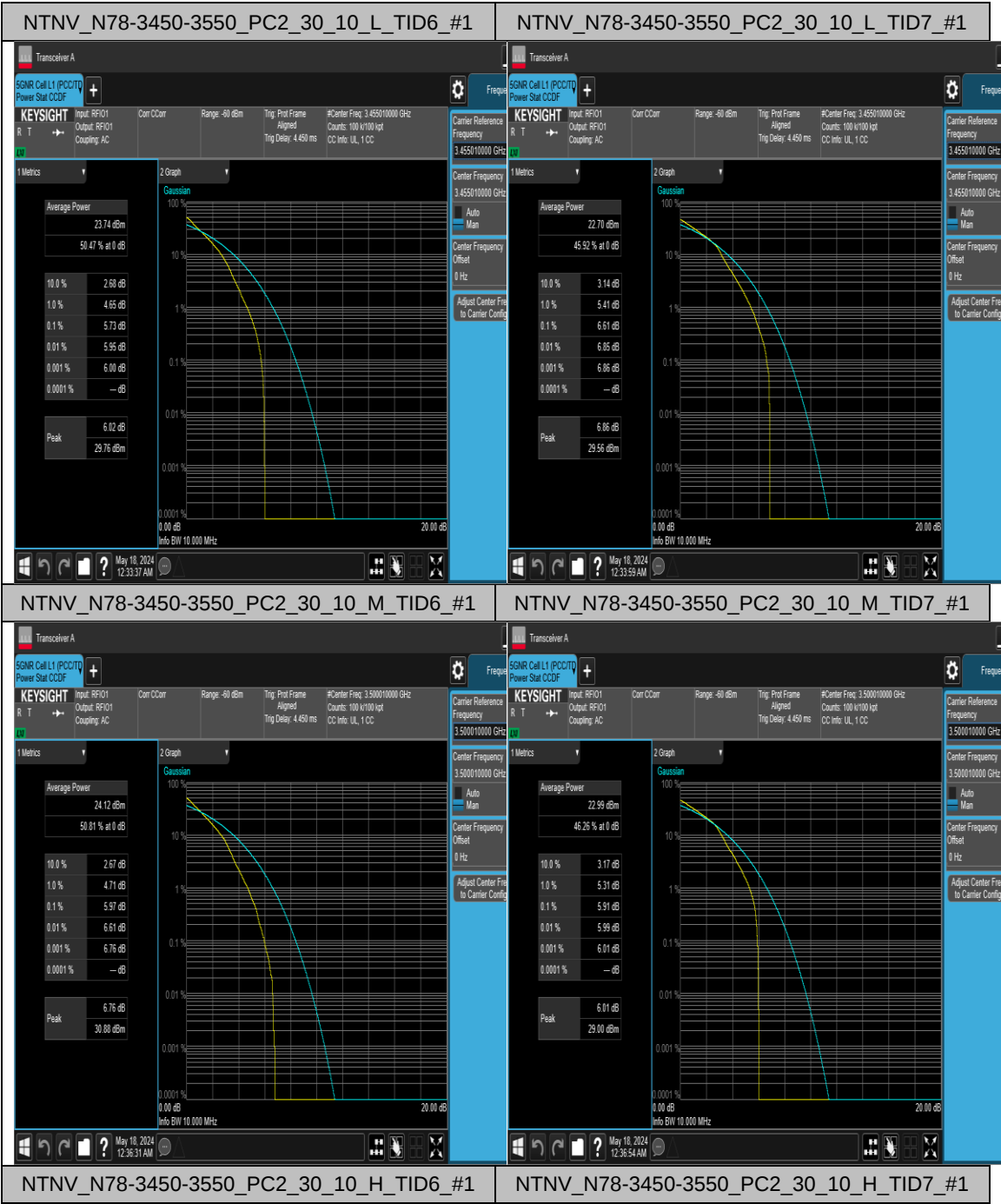
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N78-3450-3550	30	10	DFT-QPSK	L	Outer_Full	5.73	≤13	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Outer_Full	6.61	≤13	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Outer_Full	5.97	≤13	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Outer_Full	5.91	≤13	PASS
N78-3450-3550	30	10	DFT-QPSK	H	Outer_Full	5.95	≤13	PASS
N78-3450-3550	30	10	DFT-16QAM	H	Outer_Full	6.93	≤13	PASS
N78-3450-3550	30	15	DFT-QPSK	L	Outer_Full	5.50	≤13	PASS
N78-3450-3550	30	15	DFT-16QAM	L	Outer_Full	6.47	≤13	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	5.94	≤13	PASS
N78-3450-3550	30	15	DFT-16QAM	M	Outer_Full	6.69	≤13	PASS
N78-3450-3550	30	15	DFT-QPSK	H	Outer_Full	5.84	≤13	PASS
N78-3450-3550	30	15	DFT-16QAM	H	Outer_Full	6.85	≤13	PASS
N78-3450-3550	30	20	DFT-QPSK	L	Outer_Full	5.60	≤13	PASS
N78-3450-3550	30	20	DFT-16QAM	L	Outer_Full	6.41	≤13	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	5.89	≤13	PASS
N78-3450-3550	30	20	DFT-16QAM	M	Outer_Full	6.71	≤13	PASS
N78-3450-3550	30	20	DFT-QPSK	H	Outer_Full	5.85	≤13	PASS

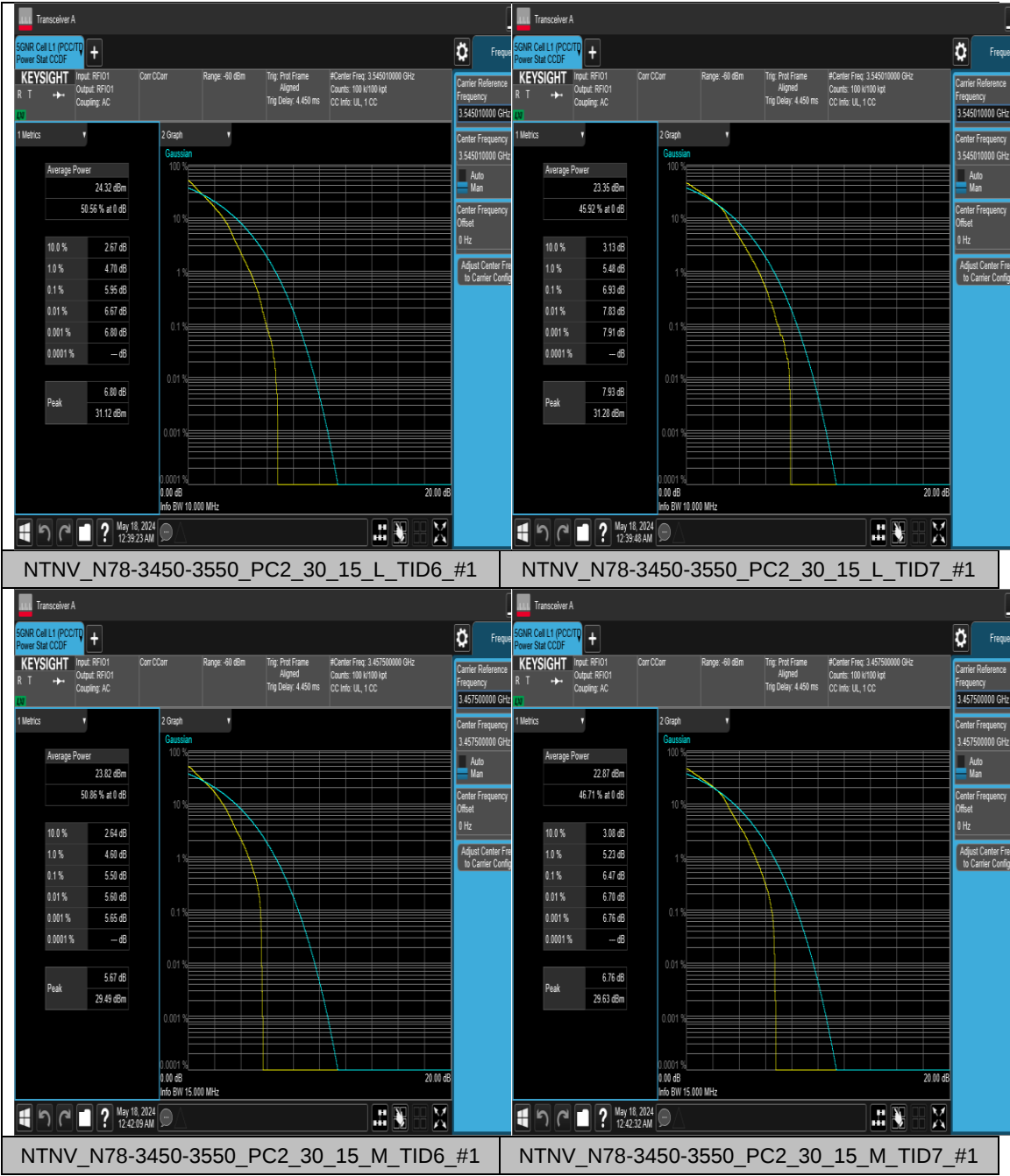
3550								
N78-3450-3550	30	20	DFT-16QAM	H	Outer_Full	6.71	≤13	PASS
N78-3450-3550	30	30	DFT-QPSK	L	Outer_Full	5.50	≤13	PASS
N78-3450-3550	30	30	DFT-16QAM	L	Outer_Full	6.43	≤13	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	4.98	≤13	PASS
N78-3450-3550	30	30	DFT-16QAM	M	Outer_Full	6.85	≤13	PASS
N78-3450-3550	30	30	DFT-QPSK	H	Outer_Full	5.95	≤13	PASS
N78-3450-3550	30	30	DFT-16QAM	H	Outer_Full	6.82	≤13	PASS
N78-3450-3550	30	40	DFT-QPSK	L	Outer_Full	5.64	≤13	PASS
N78-3450-3550	30	40	DFT-16QAM	L	Outer_Full	6.22	≤13	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	5.24	≤13	PASS
N78-3450-3550	30	40	DFT-16QAM	M	Outer_Full	6.77	≤13	PASS
N78-3450-3550	30	40	DFT-QPSK	H	Outer_Full	5.13	≤13	PASS
N78-3450-3550	30	40	DFT-16QAM	H	Outer_Full	6.74	≤13	PASS
N78-3450-3550	30	50	DFT-QPSK	L	Outer_Full	5.74	≤13	PASS
N78-3450-3550	30	50	DFT-16QAM	L	Outer_Full	6.32	≤13	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	5.49	≤13	PASS
N78-3450-3550	30	50	DFT-16QAM	M	Outer_Full	6.27	≤13	PASS
N78-3450-3550	30	50	DFT-QPSK	H	Outer_Full	5.45	≤13	PASS
N78-3450-3550	30	50	DFT-16QAM	H	Outer_Full	6.11	≤13	PASS
N78-3450-3550	30	60	DFT-QPSK	L	Outer_Full	5.98	≤13	PASS
N78-3450-3550	30	60	DFT-16QAM	L	Outer_Full	6.60	≤13	PASS

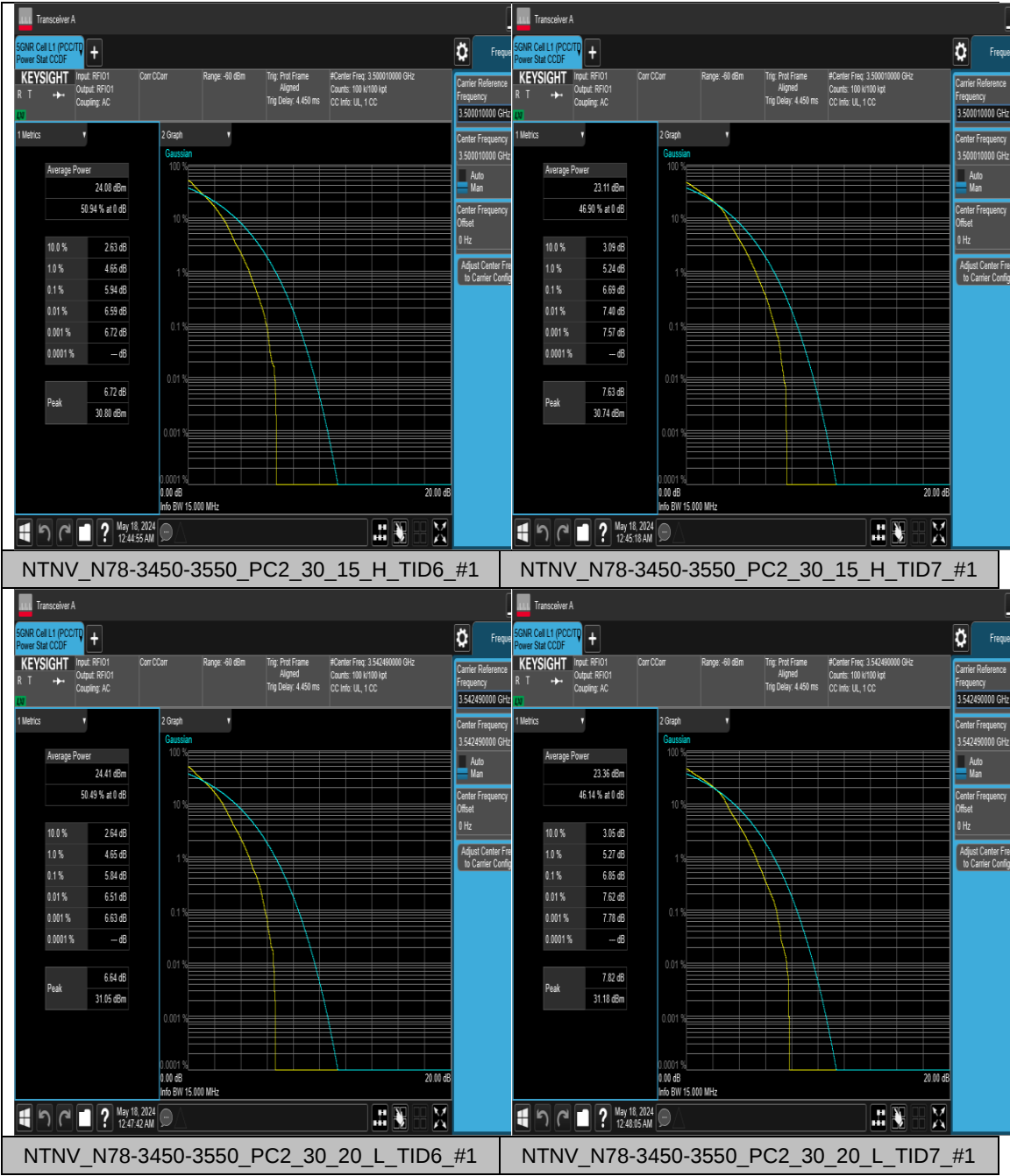
3550								
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	5.85	≤13	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Outer_Full	6.50	≤13	PASS
N78-3450-3550	30	60	DFT-QPSK	H	Outer_Full	5.74	≤13	PASS
N78-3450-3550	30	60	DFT-16QAM	H	Outer_Full	6.37	≤13	PASS
N78-3450-3550	30	70	DFT-QPSK	L	Outer_Full	6.03	≤13	PASS
N78-3450-3550	30	70	DFT-16QAM	L	Outer_Full	6.74	≤13	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	5.97	≤13	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Outer_Full	6.67	≤13	PASS
N78-3450-3550	30	70	DFT-QPSK	H	Outer_Full	5.94	≤13	PASS
N78-3450-3550	30	70	DFT-16QAM	H	Outer_Full	6.52	≤13	PASS
N78-3450-3550	30	80	DFT-QPSK	L	Outer_Full	6.00	≤13	PASS
N78-3450-3550	30	80	DFT-16QAM	L	Outer_Full	6.64	≤13	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	5.99	≤13	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Outer_Full	6.64	≤13	PASS
N78-3450-3550	30	80	DFT-QPSK	H	Outer_Full	6.11	≤13	PASS
N78-3450-3550	30	80	DFT-16QAM	H	Outer_Full	6.67	≤13	PASS
N78-3450-3550	30	90	DFT-QPSK	L	Outer_Full	6.07	≤13	PASS
N78-3450-3550	30	90	DFT-16QAM	L	Outer_Full	6.65	≤13	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	6.19	≤13	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Outer_Full	6.63	≤13	PASS
N78-3450-3550	30	90	DFT-QPSK	H	Outer_Full	6.09	≤13	PASS

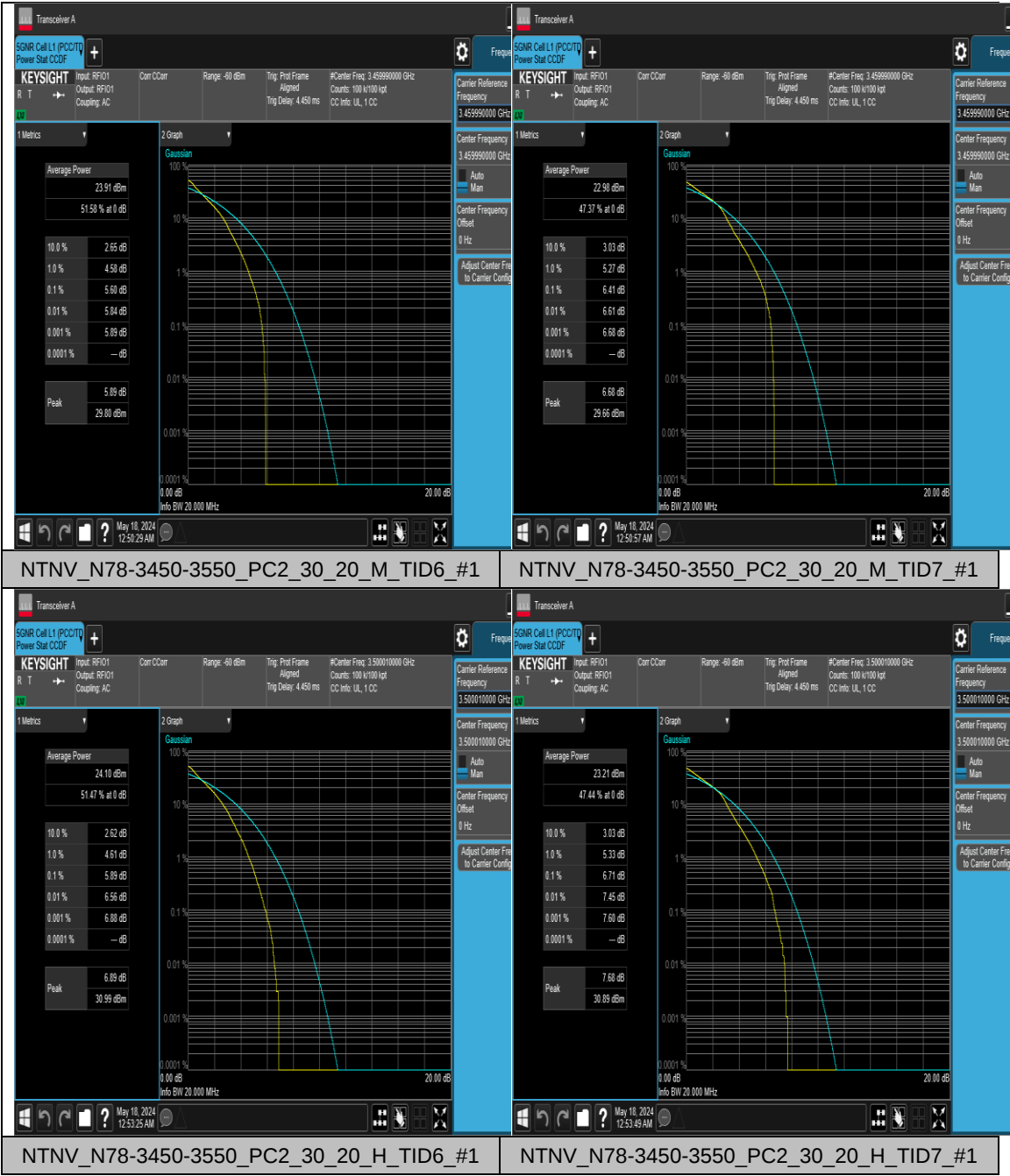
3550								
N78-3450-3550	30	90	DFT-16QAM	H	Outer_Full	6.63	≤13	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Outer_Full	6.10	≤13	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Outer_Full	6.71	≤13	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	6.03	≤13	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	6.68	≤13	PASS
N78-3450-3550	30	100	DFT-QPSK	H	Outer_Full	6.07	≤13	PASS
N78-3450-3550	30	100	DFT-16QAM	H	Outer_Full	6.72	≤13	PASS

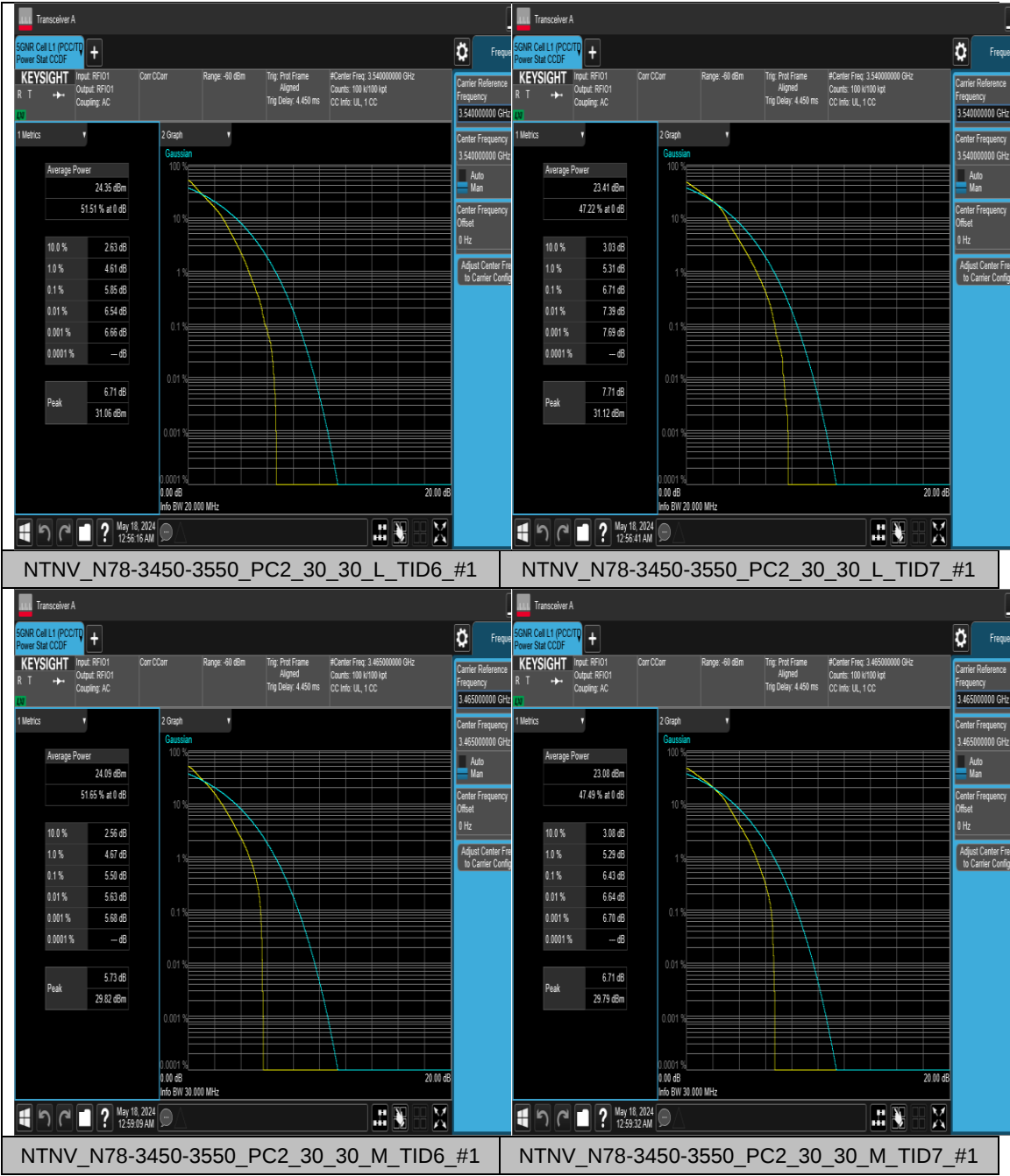
Test Graphs

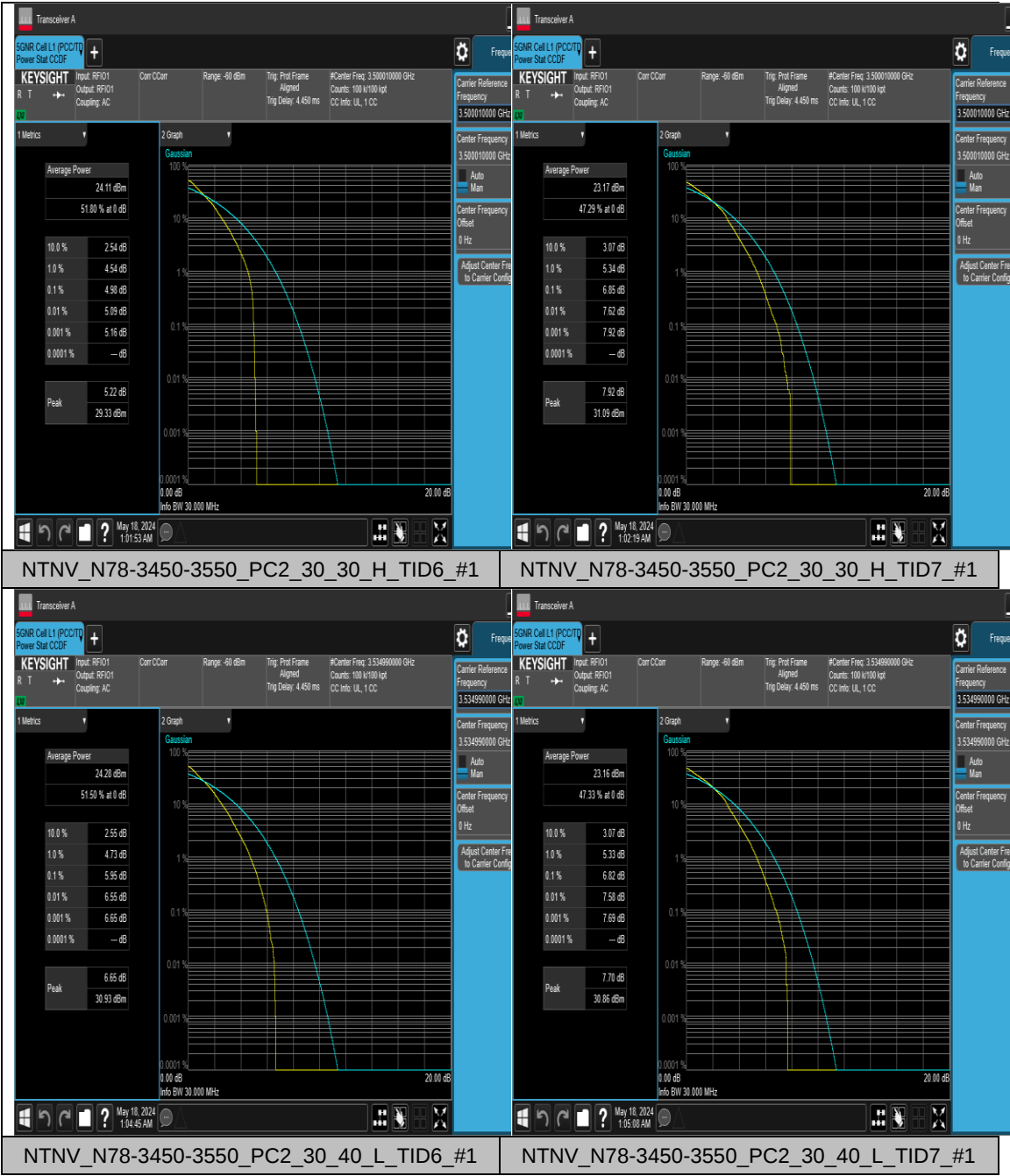


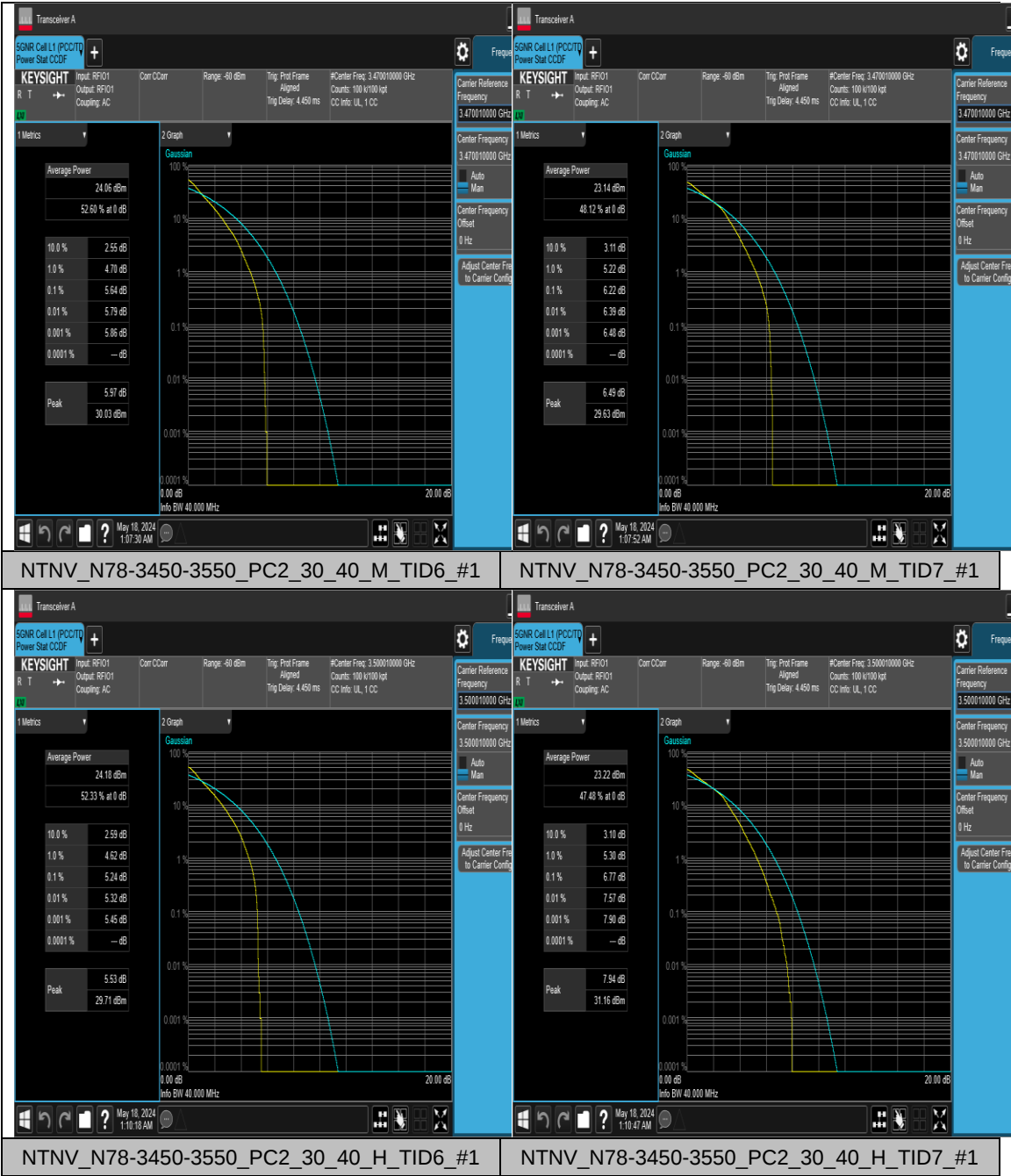


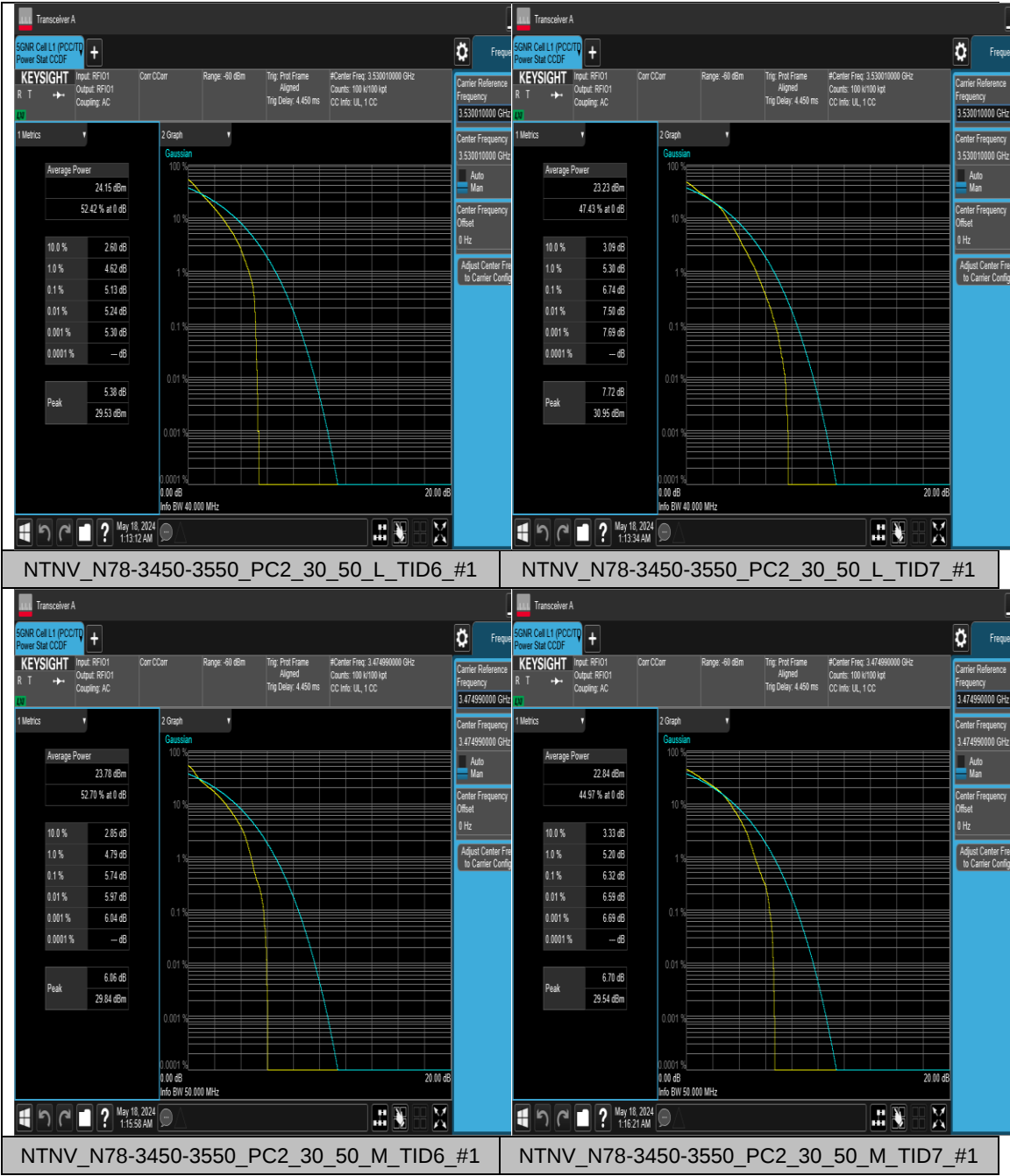


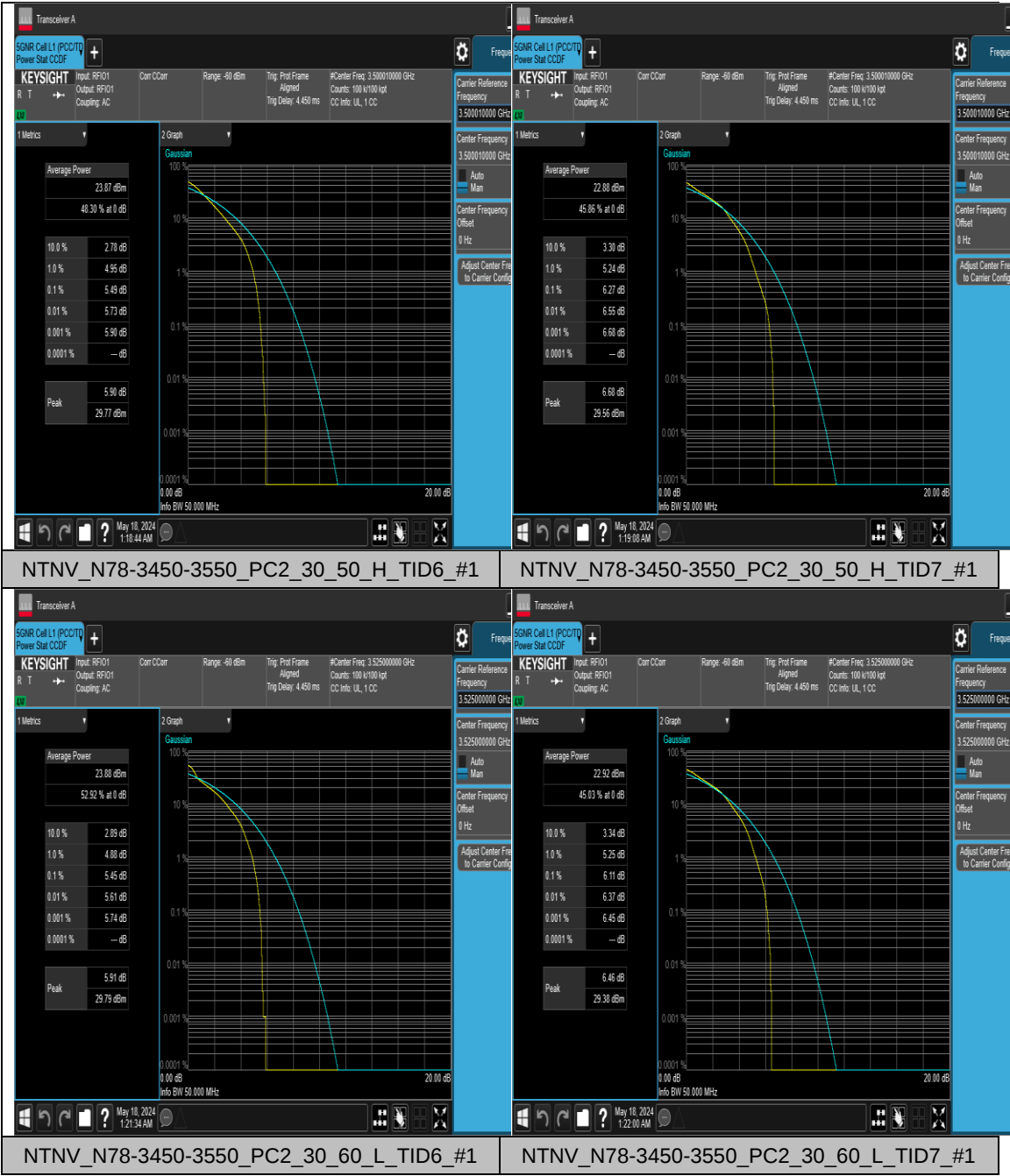


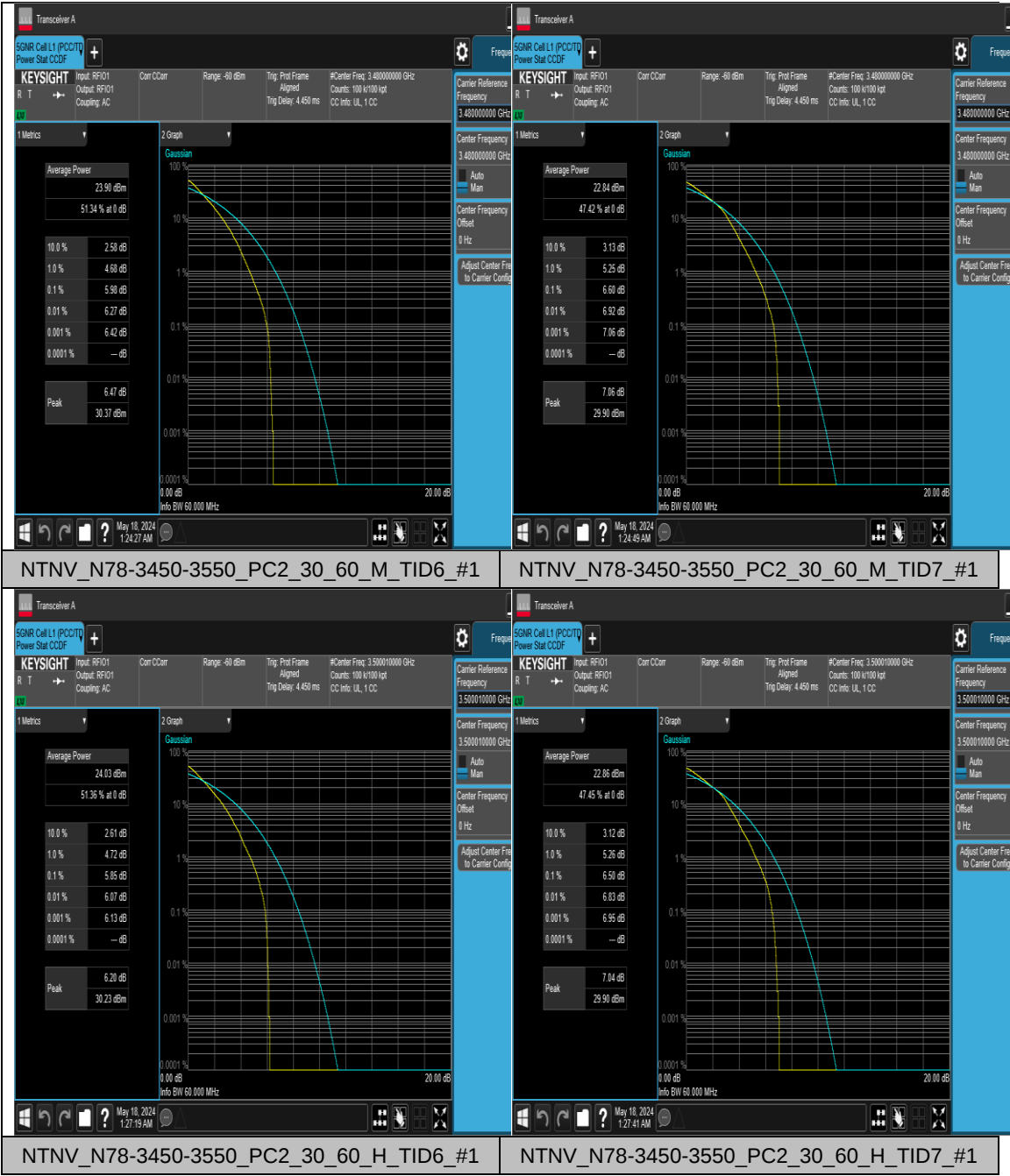


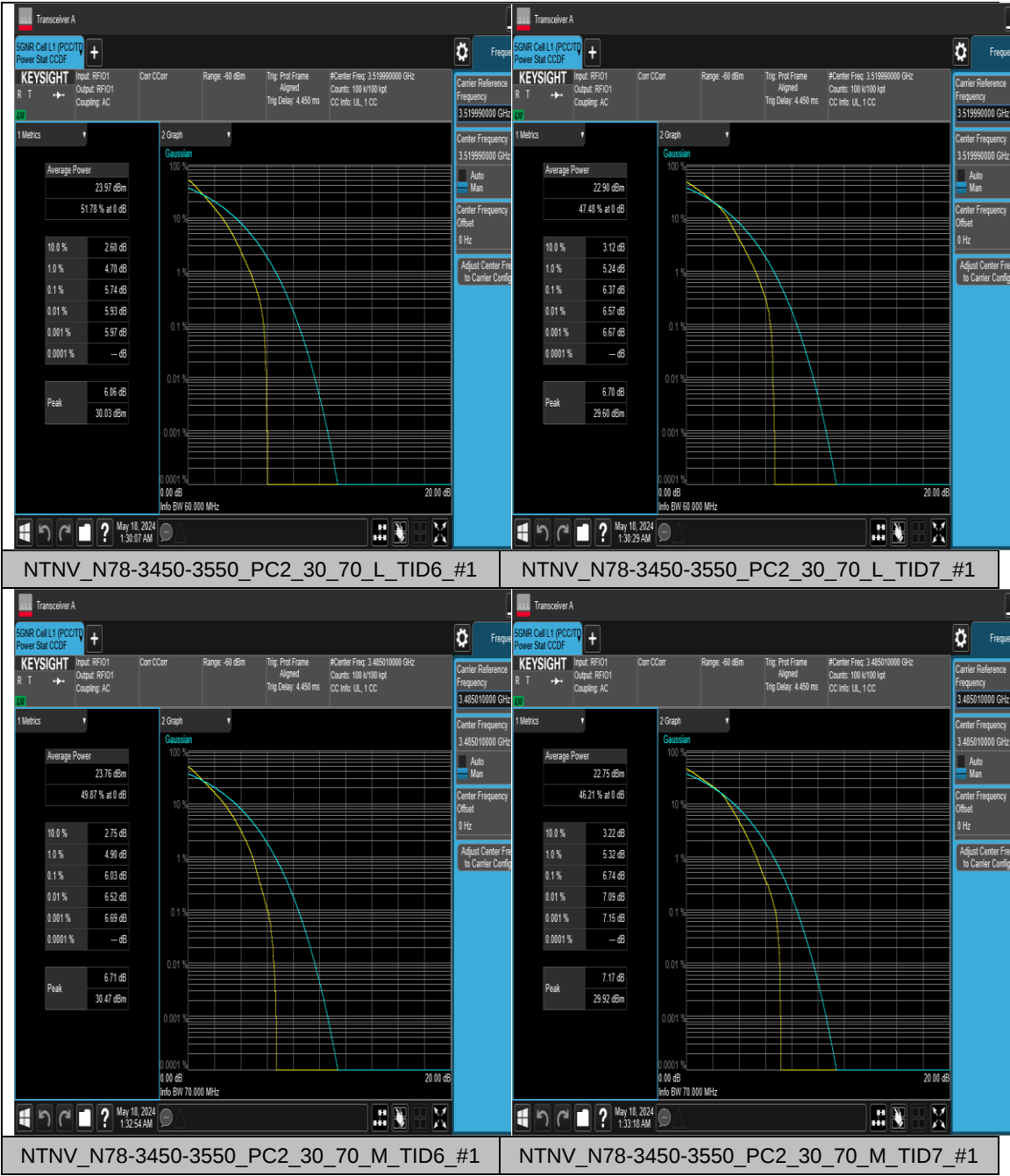


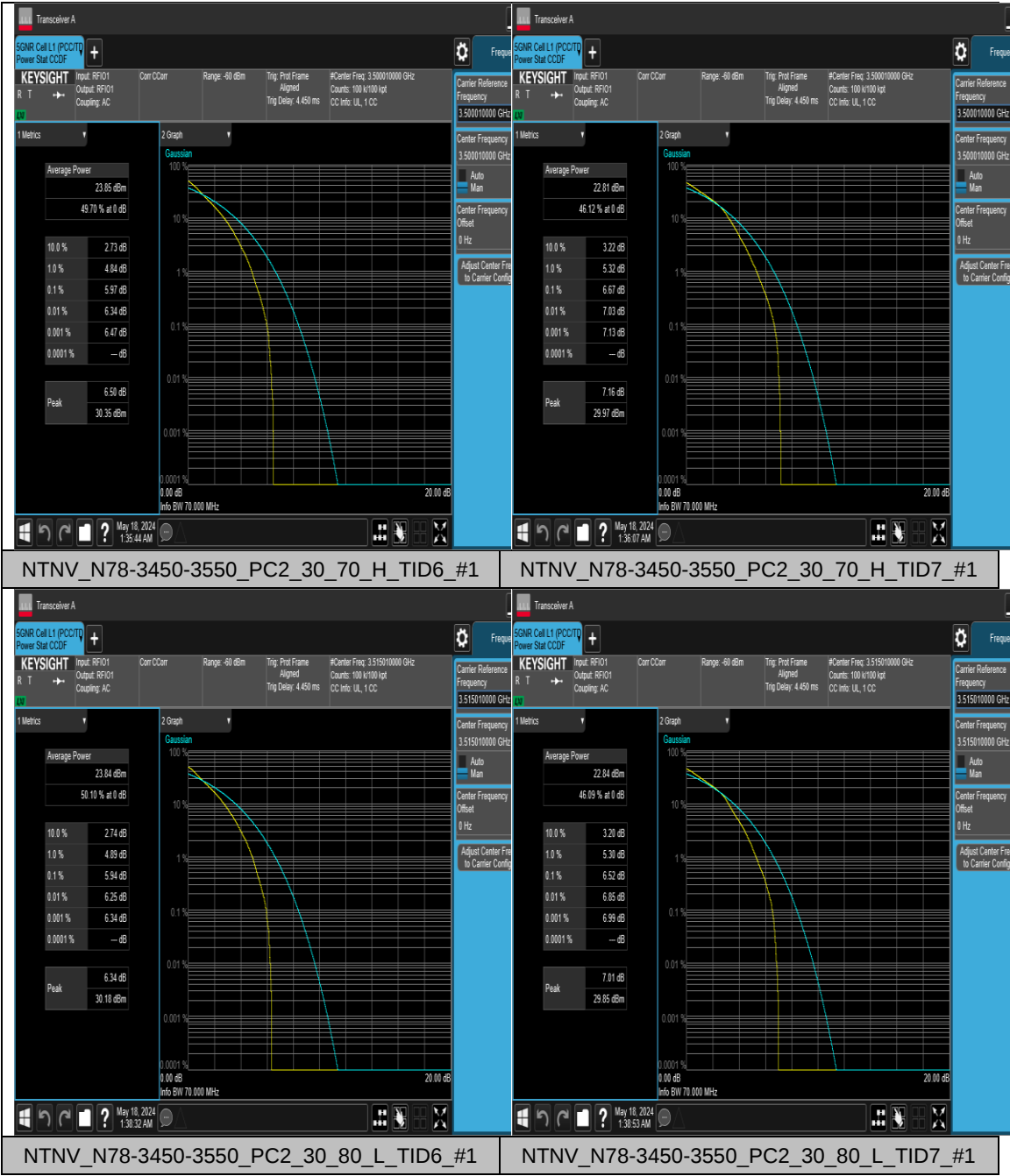


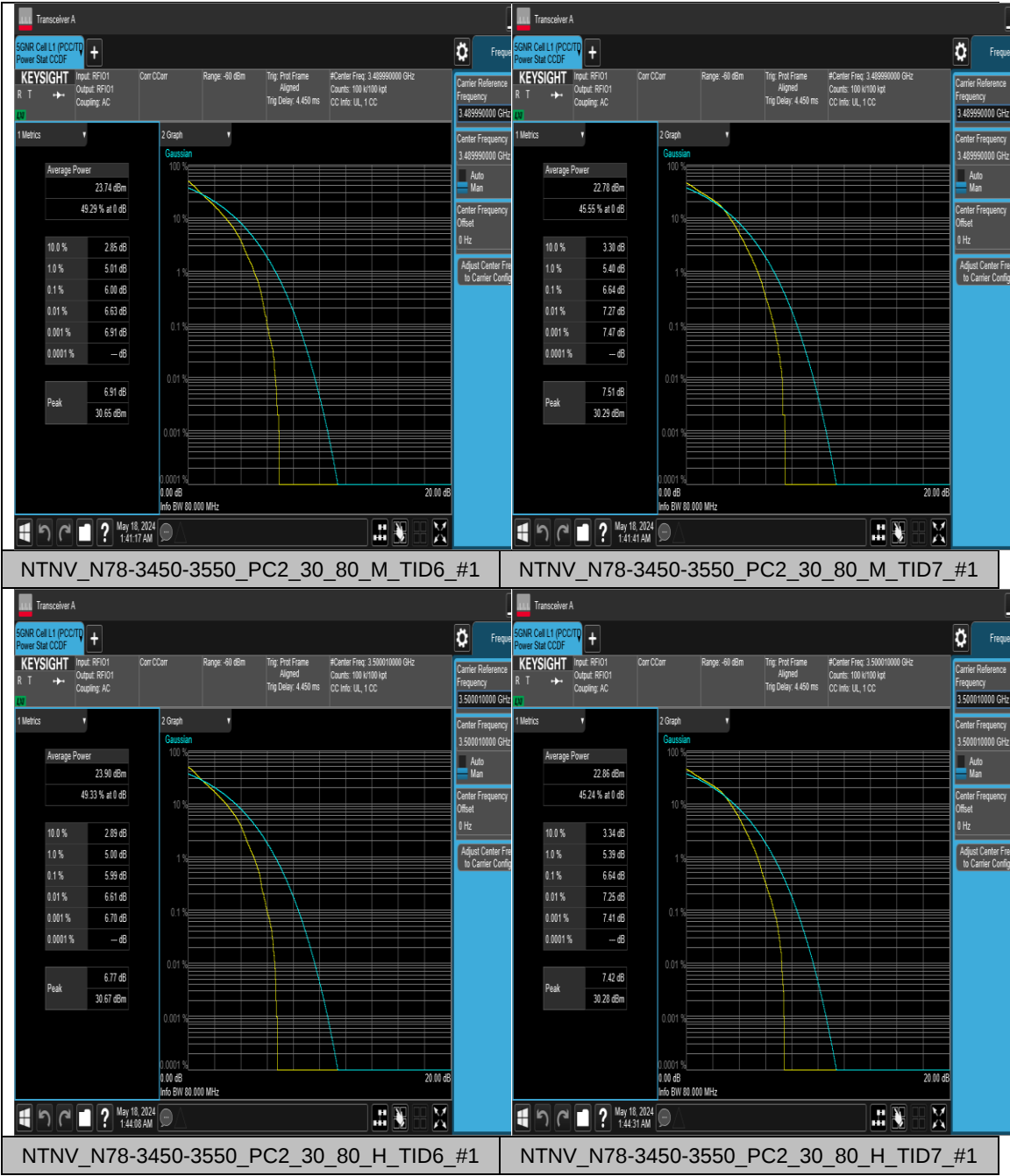


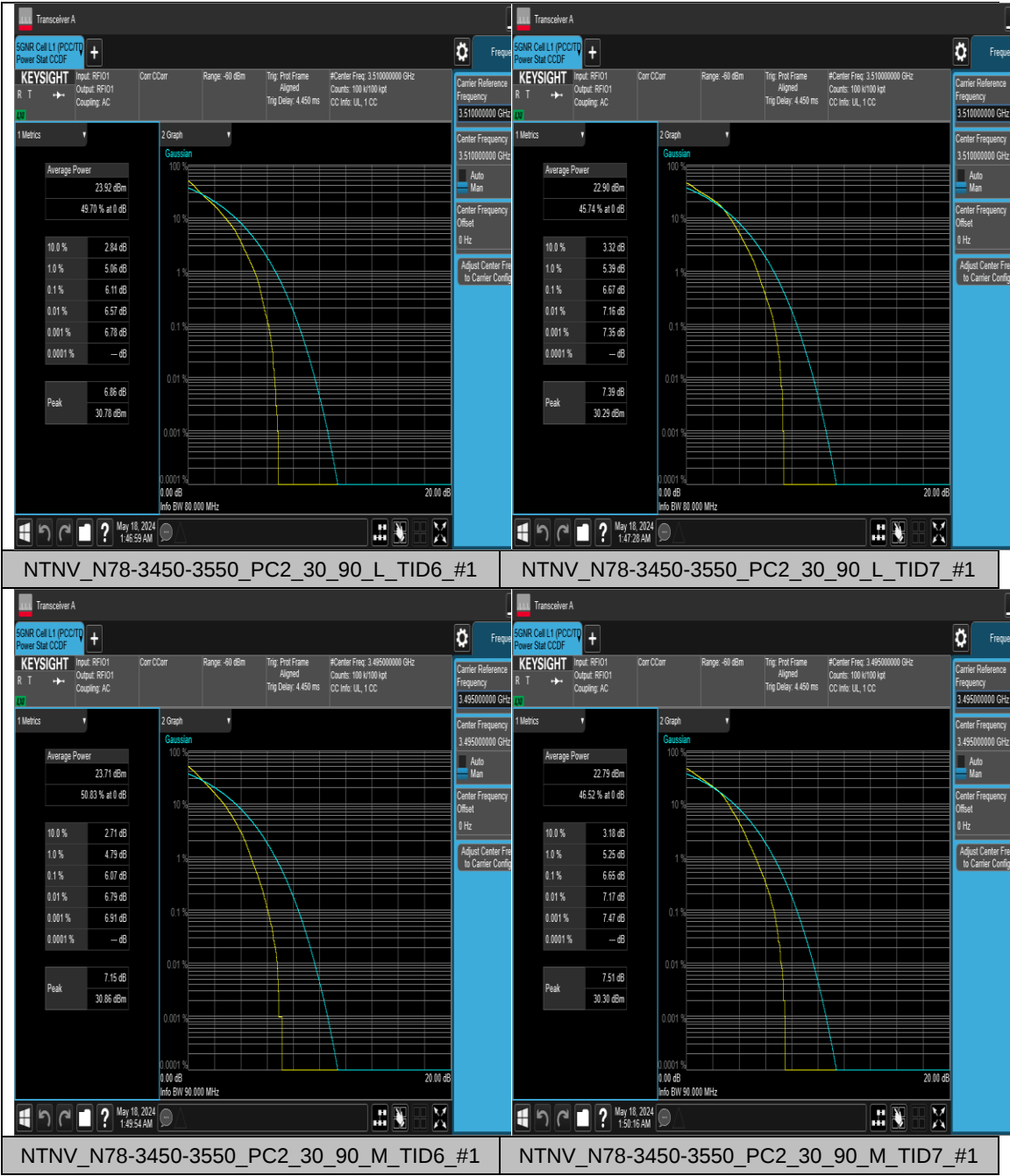


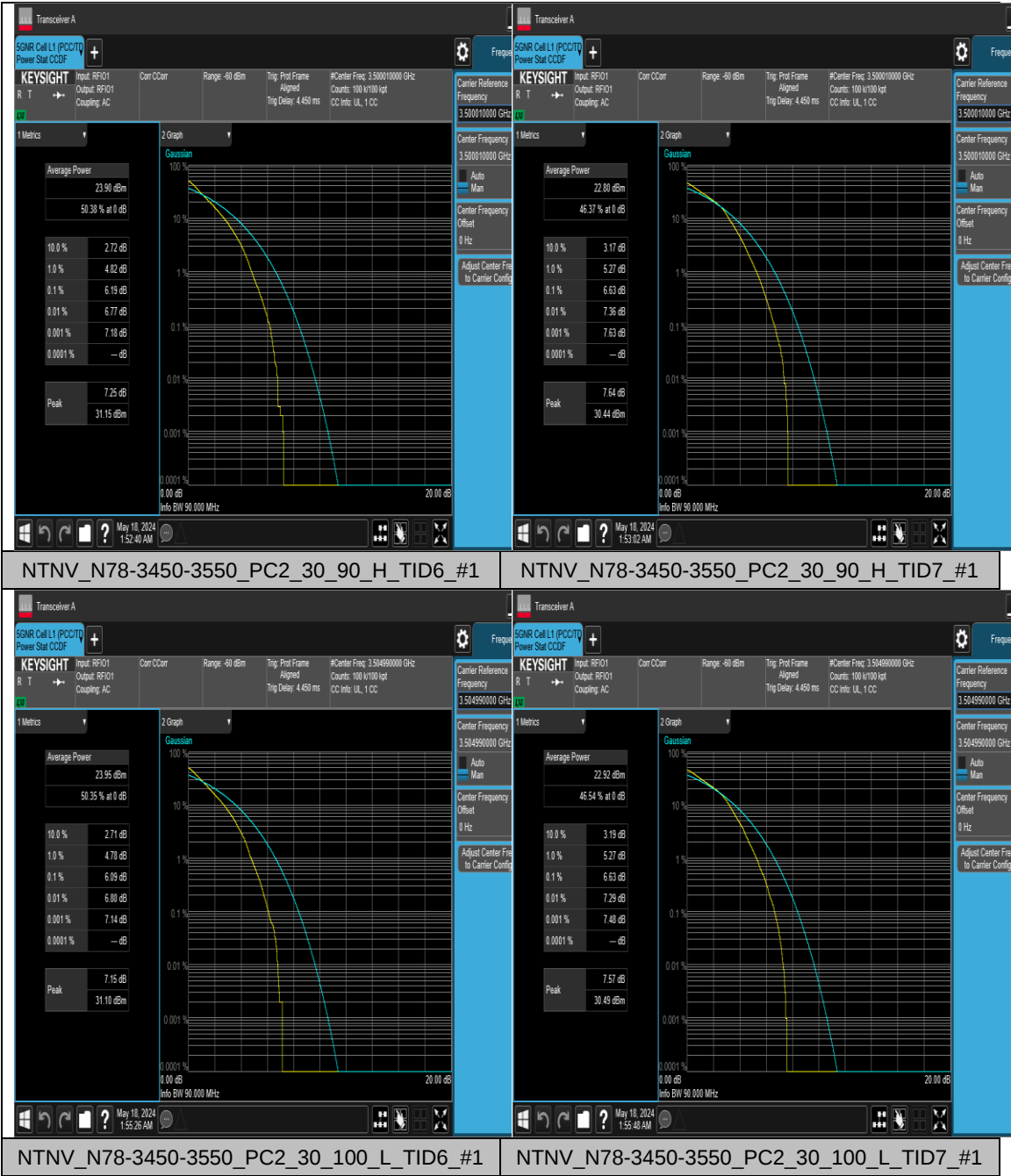


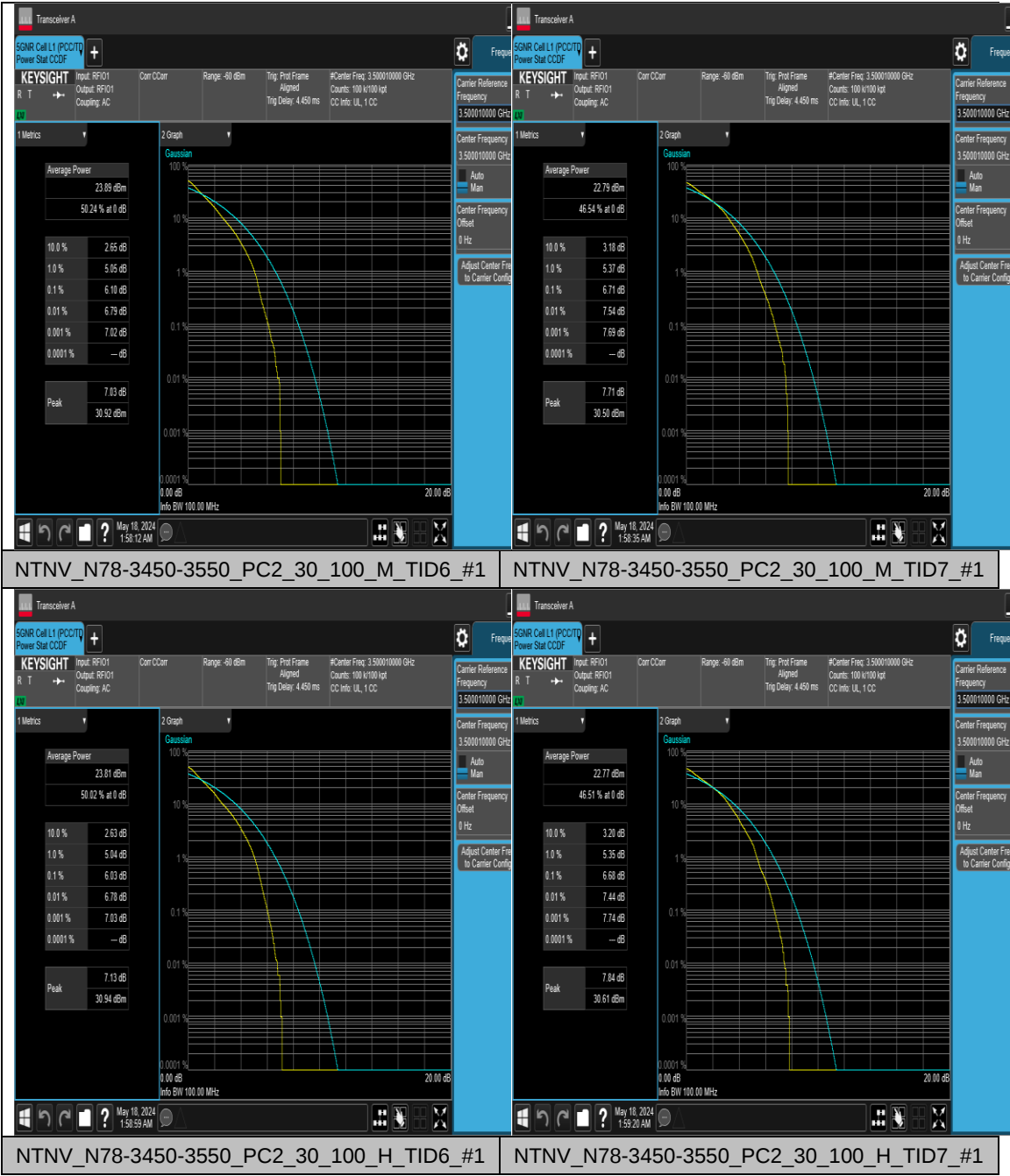


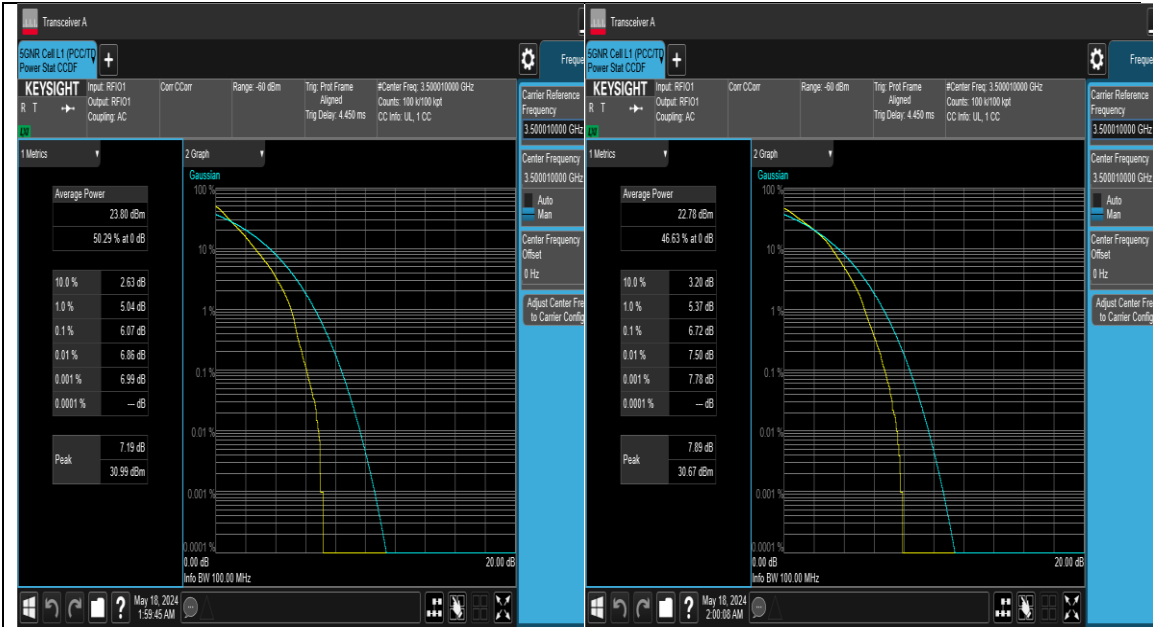












Appendix C: 26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N78-3450 -3550	30	10	DFT-QPSK	L	Outer_Full	8.5982	9.887	PASS
N78-3450 -3550	30	10	DFT-16QAM	L	Outer_Full	8.6255	9.798	PASS
N78-3450 -3550	30	10	DFT-QPSK	M	Outer_Full	8.5754	9.473	PASS
N78-3450 -3550	30	10	DFT-16QAM	M	Outer_Full	8.6097	9.722	PASS
N78-3450 -3550	30	10	DFT-QPSK	H	Outer_Full	8.6076	9.709	PASS
N78-3450 -3550	30	10	DFT-16QAM	H	Outer_Full	8.6088	9.676	PASS
N78-3450 -3550	30	15	DFT-QPSK	L	Outer_Full	12.887	14.22	PASS
N78-3450 -3550	30	15	DFT-16QAM	L	Outer_Full	12.902	14.19	PASS
N78-3450 -3550	30	15	DFT-QPSK	M	Outer_Full	12.896	14.03	PASS
N78-3450 -3550	30	15	DFT-16QAM	M	Outer_Full	12.901	14.20	PASS
N78-3450 -3550	30	15	DFT-QPSK	H	Outer_Full	12.883	14.01	PASS
N78-3450 -3550	30	15	DFT-16QAM	H	Outer_Full	12.906	14.10	PASS
N78-3450 -3550	30	20	DFT-QPSK	L	Outer_Full	17.861	19.35	PASS
N78-3450 -3550	30	20	DFT-16QAM	L	Outer_Full	17.897	19.45	PASS
N78-3450 -3550	30	20	DFT-QPSK	M	Outer_Full	17.835	19.08	PASS
N78-3450 -3550	30	20	DFT-16QAM	M	Outer_Full	17.910	19.62	PASS
N78-3450 -3550	30	20	DFT-QPSK	H	Outer_Full	17.831	19.19	PASS
N78-3450	30	20	DFT-16QAM	H	Outer_Full	17.891	19.40	PASS

-3550								
N78-3450 -3550	30	30	DFT-QPSK	L	Outer_Full	26.810	28.53	PASS
N78-3450 -3550	30	30	DFT-16QAM	L	Outer_Full	26.820	28.42	PASS
N78-3450 -3550	30	30	DFT-QPSK	M	Outer_Full	26.784	28.52	PASS
N78-3450 -3550	30	30	DFT-16QAM	M	Outer_Full	26.838	28.40	PASS
N78-3450 -3550	30	30	DFT-QPSK	H	Outer_Full	26.810	28.46	PASS
N78-3450 -3550	30	30	DFT-16QAM	H	Outer_Full	26.855	28.48	PASS
N78-3450 -3550	30	40	DFT-QPSK	L	Outer_Full	35.667	37.36	PASS
N78-3450 -3550	30	40	DFT-16QAM	L	Outer_Full	35.672	37.75	PASS
N78-3450 -3550	30	40	DFT-QPSK	M	Outer_Full	35.678	37.55	PASS
N78-3450 -3550	30	40	DFT-16QAM	M	Outer_Full	35.732	37.76	PASS
N78-3450 -3550	30	40	DFT-QPSK	H	Outer_Full	35.679	37.80	PASS
N78-3450 -3550	30	40	DFT-16QAM	H	Outer_Full	35.719	37.51	PASS
N78-3450 -3550	30	50	DFT-QPSK	L	Outer_Full	45.722	47.69	PASS
N78-3450 -3550	30	50	DFT-16QAM	L	Outer_Full	45.730	47.70	PASS
N78-3450 -3550	30	50	DFT-QPSK	M	Outer_Full	45.807	47.95	PASS
N78-3450 -3550	30	50	DFT-16QAM	M	Outer_Full	45.816	47.82	PASS
N78-3450 -3550	30	50	DFT-QPSK	H	Outer_Full	45.818	47.76	PASS
N78-3450 -3550	30	50	DFT-16QAM	H	Outer_Full	45.824	47.79	PASS
N78-3450 -3550	30	60	DFT-QPSK	L	Outer_Full	57.780	60.31	PASS
N78-3450 -3550	30	60	DFT-16QAM	L	Outer_Full	57.841	60.38	PASS
N78-3450	30	60	DFT-QPSK	M	Outer_Full	57.821	60.44	PASS

-3550								
N78-3450 -3550	30	60	DFT-16QAM	M	Outer_Full	57.888	60.48	PASS
N78-3450 -3550	30	60	DFT-QPSK	H	Outer_Full	57.885	60.50	PASS
N78-3450 -3550	30	60	DFT-16QAM	H	Outer_Full	57.902	60.45	PASS
N78-3450 -3550	30	70	DFT-QPSK	L	Outer_Full	64.120	66.80	PASS
N78-3450 -3550	30	70	DFT-16QAM	L	Outer_Full	64.147	66.70	PASS
N78-3450 -3550	30	70	DFT-QPSK	M	Outer_Full	64.216	66.72	PASS
N78-3450 -3550	30	70	DFT-16QAM	M	Outer_Full	64.221	66.89	PASS
N78-3450 -3550	30	70	DFT-QPSK	H	Outer_Full	64.274	66.82	PASS
N78-3450 -3550	30	70	DFT-16QAM	H	Outer_Full	64.291	66.96	PASS
N78-3450 -3550	30	80	DFT-QPSK	L	Outer_Full	77.004	80.27	PASS
N78-3450 -3550	30	80	DFT-16QAM	L	Outer_Full	77.090	80.08	PASS
N78-3450 -3550	30	80	DFT-QPSK	M	Outer_Full	77.062	80.27	PASS
N78-3450 -3550	30	80	DFT-16QAM	M	Outer_Full	77.138	80.14	PASS
N78-3450 -3550	30	80	DFT-QPSK	H	Outer_Full	77.068	80.25	PASS
N78-3450 -3550	30	80	DFT-16QAM	H	Outer_Full	77.231	80.04	PASS
N78-3450 -3550	30	90	DFT-QPSK	L	Outer_Full	86.701	89.95	PASS
N78-3450 -3550	30	90	DFT-16QAM	L	Outer_Full	86.788	90.00	PASS
N78-3450 -3550	30	90	DFT-QPSK	M	Outer_Full	86.740	90.07	PASS
N78-3450 -3550	30	90	DFT-16QAM	M	Outer_Full	86.711	90.17	PASS
N78-3450 -3550	30	90	DFT-QPSK	H	Outer_Full	86.752	90.20	PASS
N78-3450	30	90	DFT-16QAM	H	Outer_Full	86.740	90.25	PASS

-3550								
N78-3450 -3550	30	100	DFT-QPSK	L	Outer_Full	96.300	99.67	PASS
N78-3450 -3550	30	100	DFT-16QAM	L	Outer_Full	96.285	99.89	PASS
N78-3450 -3550	30	100	DFT-QPSK	M	Outer_Full	96.259	99.80	PASS
N78-3450 -3550	30	100	DFT-16QAM	M	Outer_Full	96.387	99.92	PASS
N78-3450 -3550	30	100	DFT-QPSK	H	Outer_Full	96.257	99.89	PASS
N78-3450 -3550	30	100	DFT-16QAM	H	Outer_Full	96.368	99.62	PASS

Test Graphs

