

## **Appendix for 13A\_n77A(3700-3980MHz)**

Product Name: 5G CPE

Model No: C150

## Appendix A: Average Power Output for NSA

### Test Result

Band	SC S	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	Power Class	Verdict
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+L	Outer_Full	25.90	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+L	Inner_Full	25.98	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+L	Edge_1RB_Left	25.82	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+L	Edge_1RB_Right	25.64	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+L	Outer_Full	25.84	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+L	Inner_Full	25.94	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+L	Edge_1RB_Left	25.36	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+L	Edge_1RB_Right	25.44	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+M	Outer_Full	25.66	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+M	Inner_Full	25.77	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+M	Edge_1RB_Left	25.48	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+M	Edge_1RB_Right	24.98	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+M	Outer_Full	25.75	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+M	Inner_Full	25.71	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+M	Edge_1RB_Left	25.25	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+M	Edge_1RB_Right	24.78	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+H	Outer_Full	24.88	PC3	PASS
DC_13A_n77A-3	30	5+20	CP-QPSK	M+H	Inner_Full	24.93	PC3	PASS

700-3980								
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+H	Edge_1RB_Left	24.71	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+H	Edge_1RB_Right	24.61	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+H	Outer_Full	24.97	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+H	Inner_Full	24.93	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+H	Edge_1RB_Left	24.14	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+H	Edge_1RB_Right	24.39	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+L	Outer_Full	26.23	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+L	Inner_Full	26.10	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+L	Edge_1RB_Left	25.70	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+L	Edge_1RB_Right	25.90	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+L	Outer_Full	26.24	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+L	Inner_Full	26.18	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+L	Edge_1RB_Left	25.86	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+L	Edge_1RB_Right	25.81	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+M	Outer_Full	26.05	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+M	Inner_Full	25.89	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+M	Edge_1RB_Left	25.78	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+M	Edge_1RB_Right	25.49	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+M	Outer_Full	26.03	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+M	Inner_Full	26.03	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+M	Edge_1RB_Left	25.77	PC3	PASS

DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+M	Edge_1RB_Right	25.76	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+H	Outer_Full	25.16	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+H	Inner_Full	24.85	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+H	Edge_1RB_Left	25.08	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+H	Edge_1RB_Right	24.94	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+H	Outer_Full	25.19	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+H	Inner_Full	24.97	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+H	Edge_1RB_Left	25.19	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+H	Edge_1RB_Right	24.80	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+L	Outer_Full	25.92	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+L	Inner_Full	25.93	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+L	Edge_1RB_Left	25.12	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+L	Edge_1RB_Right	25.73	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+L	Outer_Full	25.90	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+L	Inner_Full	25.96	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+L	Edge_1RB_Left	25.45	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+L	Edge_1RB_Right	25.46	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+M	Outer_Full	25.75	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+M	Inner_Full	25.75	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+M	Edge_1RB_Left	25.00	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+M	Edge_1RB_Right	25.10	PC3	PASS
DC_13A_n77A-3	30	5+50	CP-16QAM	M+M	Outer_Full	25.71	PC3	PASS

700-3980								
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+M	Inner_Full	25.62	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+M	Edge_1RB_Left	25.14	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+M	Edge_1RB_Right	25.22	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+H	Outer_Full	24.96	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+H	Inner_Full	24.66	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+H	Edge_1RB_Left	24.70	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+H	Edge_1RB_Right	24.48	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+H	Outer_Full	25.00	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+H	Inner_Full	24.71	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+H	Edge_1RB_Left	24.70	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+H	Edge_1RB_Right	24.49	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+L	Outer_Full	25.92	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+L	Inner_Full	25.95	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+L	Edge_1RB_Left	25.19	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+L	Edge_1RB_Right	25.45	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+L	Outer_Full	25.94	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+L	Inner_Full	25.95	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+L	Edge_1RB_Left	25.48	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+L	Edge_1RB_Right	25.71	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+M	Outer_Full	25.60	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+M	Inner_Full	25.56	PC3	PASS

DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+M	Edge_1RB_Left	25.27	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+M	Edge_1RB_Right	25.23	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+M	Outer_Full	25.60	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+M	Inner_Full	25.66	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+M	Edge_1RB_Left	25.18	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+M	Edge_1RB_Right	25.25	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+H	Outer_Full	24.93	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+H	Inner_Full	24.72	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+H	Edge_1RB_Left	24.27	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+H	Edge_1RB_Right	24.62	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+H	Outer_Full	24.92	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+H	Inner_Full	24.71	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+H	Edge_1RB_Left	24.52	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+H	Edge_1RB_Right	24.60	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+L	Outer_Full	26.15	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+L	Inner_Full	26.32	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+L	Edge_1RB_Left	25.59	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+L	Edge_1RB_Right	25.59	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+L	Outer_Full	26.21	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+L	Inner_Full	26.39	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+L	Edge_1RB_Left	25.68	PC3	PASS
DC_13A_n77A-3	30	5+80	CP-16QAM	M+L	Edge_1RB_Right	25.65	PC3	PASS

700-3980								
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+M	Outer_Full	25.60	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+M	Inner_Full	25.71	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+M	Edge_1RB_Left	25.56	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+M	Edge_1RB_Right	24.77	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+M	Outer_Full	25.68	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+M	Inner_Full	25.73	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+M	Edge_1RB_Left	25.75	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+M	Edge_1RB_Right	25.06	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+H	Outer_Full	25.00	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+H	Inner_Full	24.89	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+H	Edge_1RB_Left	24.84	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+H	Edge_1RB_Right	24.46	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+H	Outer_Full	24.90	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+H	Inner_Full	24.82	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+H	Edge_1RB_Left	24.91	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+H	Edge_1RB_Right	24.46	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+L	Outer_Full	26.35	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+L	Inner_Full	26.33	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+L	Edge_1RB_Left	25.66	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+L	Edge_1RB_Right	25.58	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+L	Outer_Full	26.36	PC3	PASS

DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+L	Inner_Full	26.25	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+L	Edge_1RB_Left	25.60	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+L	Edge_1RB_Right	25.39	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+M	Outer_Full	25.70	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+M	Inner_Full	25.73	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+M	Edge_1RB_Left	25.47	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+M	Edge_1RB_Right	24.73	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+M	Outer_Full	25.61	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+M	Inner_Full	25.78	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+M	Edge_1RB_Left	25.44	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+M	Edge_1RB_Right	24.52	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+H	Outer_Full	25.02	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+H	Inner_Full	24.92	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+H	Edge_1RB_Left	24.79	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+H	Edge_1RB_Right	24.34	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+H	Outer_Full	24.96	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+H	Inner_Full	24.98	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+H	Edge_1RB_Left	24.64	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+H	Edge_1RB_Right	24.19	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+L	Outer_Full	26.31	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+L	Inner_Full	26.31	PC3	PASS
DC_13A_n77A-3	30	5+100	CP-QPSK	M+L	Edge_1RB_Left	25.42	PC3	PASS



700-3980								
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+L	Edge_1RB_Right	25.48	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+L	Outer_Full	26.32	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+L	Inner_Full	26.41	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+L	Edge_1RB_Left	25.53	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+L	Edge_1RB_Right	25.49	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+M	Outer_Full	25.57	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+M	Inner_Full	25.64	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+M	Edge_1RB_Left	25.34	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+M	Edge_1RB_Right	24.84	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+M	Outer_Full	25.65	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+M	Inner_Full	25.67	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+M	Edge_1RB_Left	25.38	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+M	Edge_1RB_Right	24.67	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+H	Outer_Full	24.95	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+H	Inner_Full	25.06	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+H	Edge_1RB_Left	24.54	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+H	Edge_1RB_Right	24.08	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+H	Outer_Full	24.95	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+H	Inner_Full	25.04	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+H	Edge_1RB_Left	24.53	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+H	Edge_1RB_Right	24.08	PC3	PASS



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

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

#### Test Result

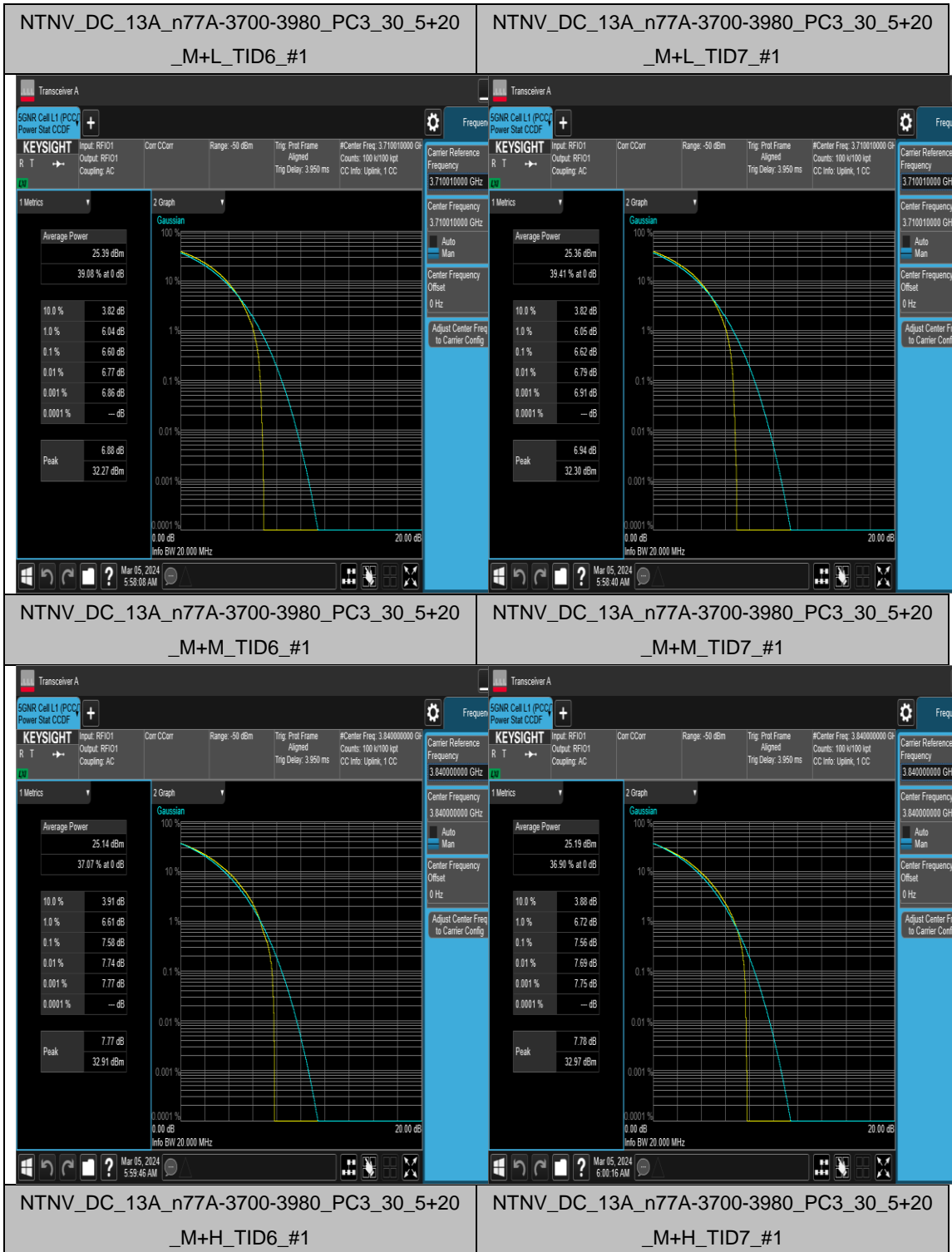
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
DC_13A_n 77A-3700-3 980	30	5+20	CP-QPSK	M+L	Outer_Full	6.60	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+20	CP-16QAM	M+L	Outer_Full	6.62	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+20	CP-QPSK	M+M	Outer_Full	7.58	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+20	CP-16QAM	M+M	Outer_Full	7.56	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+20	CP-QPSK	M+H	Outer_Full	7.03	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+20	CP-16QAM	M+H	Outer_Full	7.02	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+40	CP-QPSK	M+L	Outer_Full	6.43	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+40	CP-16QAM	M+L	Outer_Full	6.30	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+40	CP-QPSK	M+M	Outer_Full	7.14	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+40	CP-16QAM	M+M	Outer_Full	7.12	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+40	CP-QPSK	M+H	Outer_Full	7.08	≤13	PASS
DC_13A_n	30	5+40	CP-16QAM	M+H	Outer_Full	7.19	≤13	PASS

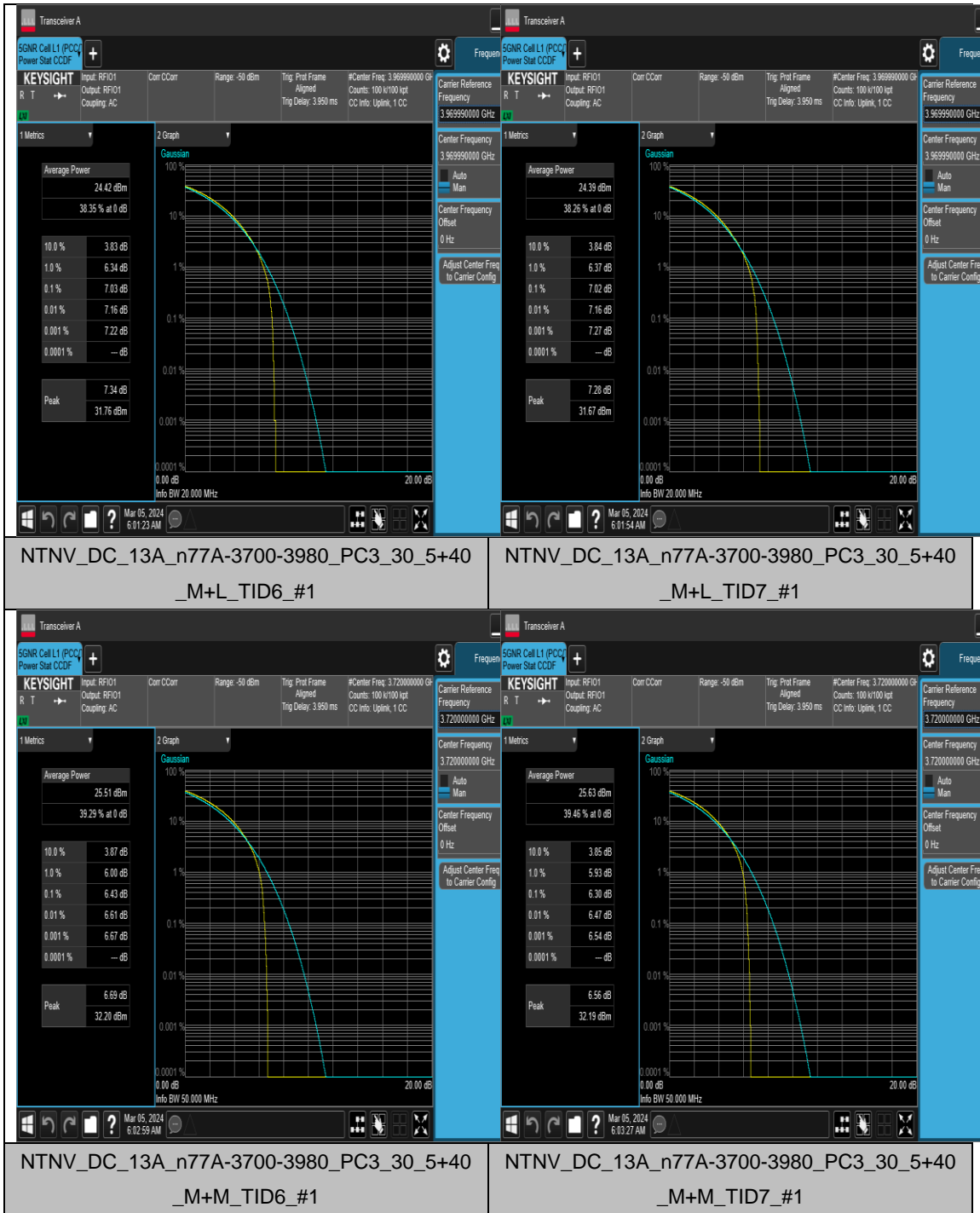
77A-3700-3 980								
DC_13A_n 77A-3700-3 980	30	5+50	CP-QPSK	M+L	Outer_Full	6.80	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+50	CP-16QAM	M+L	Outer_Full	6.79	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+50	CP-QPSK	M+M	Outer_Full	7.50	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+50	CP-16QAM	M+M	Outer_Full	7.42	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+50	CP-QPSK	M+H	Outer_Full	6.95	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+50	CP-16QAM	M+H	Outer_Full	6.82	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-QPSK	M+L	Outer_Full	6.40	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-16QAM	M+L	Outer_Full	6.42	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-QPSK	M+M	Outer_Full	7.41	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-16QAM	M+M	Outer_Full	7.31	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-QPSK	M+H	Outer_Full	6.63	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-16QAM	M+H	Outer_Full	6.54	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+80	CP-QPSK	M+L	Outer_Full	6.64	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+80	CP-16QAM	M+L	Outer_Full	6.54	≤13	PASS

980								
DC_13A_n 77A-3700-3 980	30	5+80	CP-QPSK	M+M	Outer_Full	7.43	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+80	CP-16QAM	M+M	Outer_Full	7.33	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+80	CP-QPSK	M+H	Outer_Full	7.30	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+80	CP-16QAM	M+H	Outer_Full	7.16	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-QPSK	M+L	Outer_Full	6.54	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-16QAM	M+L	Outer_Full	6.48	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-QPSK	M+M	Outer_Full	7.39	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-16QAM	M+M	Outer_Full	7.33	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-QPSK	M+H	Outer_Full	7.27	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-16QAM	M+H	Outer_Full	7.17	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+100	CP-QPSK	M+L	Outer_Full	7.10	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+100	CP-16QAM	M+L	Outer_Full	7.02	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+100	CP-QPSK	M+M	Outer_Full	7.41	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+100	CP-16QAM	M+M	Outer_Full	7.35	≤13	PASS

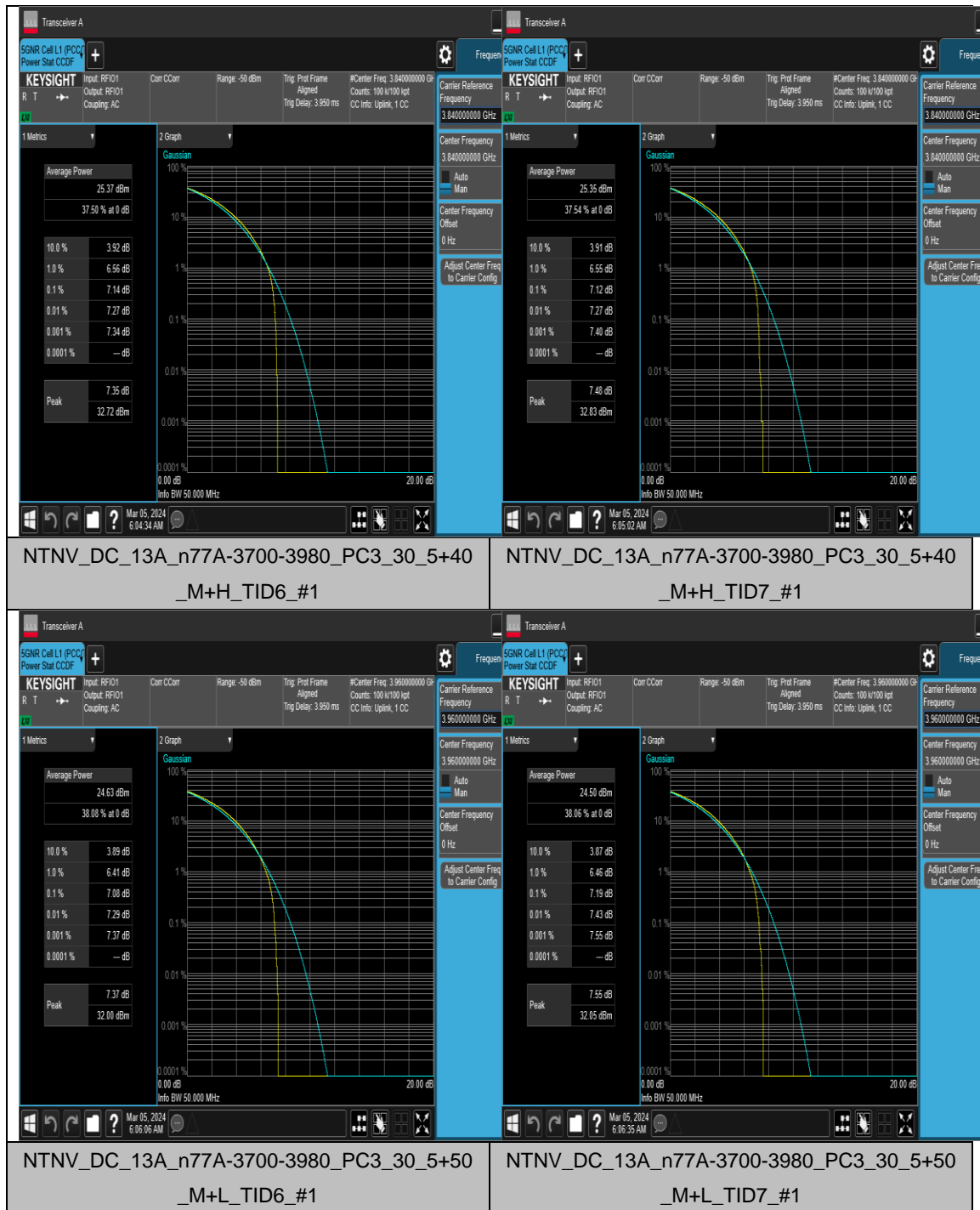
DC_13A_n 77A-3700-3 980	30	5+100	CP-QPSK	M+H	Outer_Full	7.21	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+100	CP-16QAM	M+H	Outer_Full	7.14	≤13	PASS

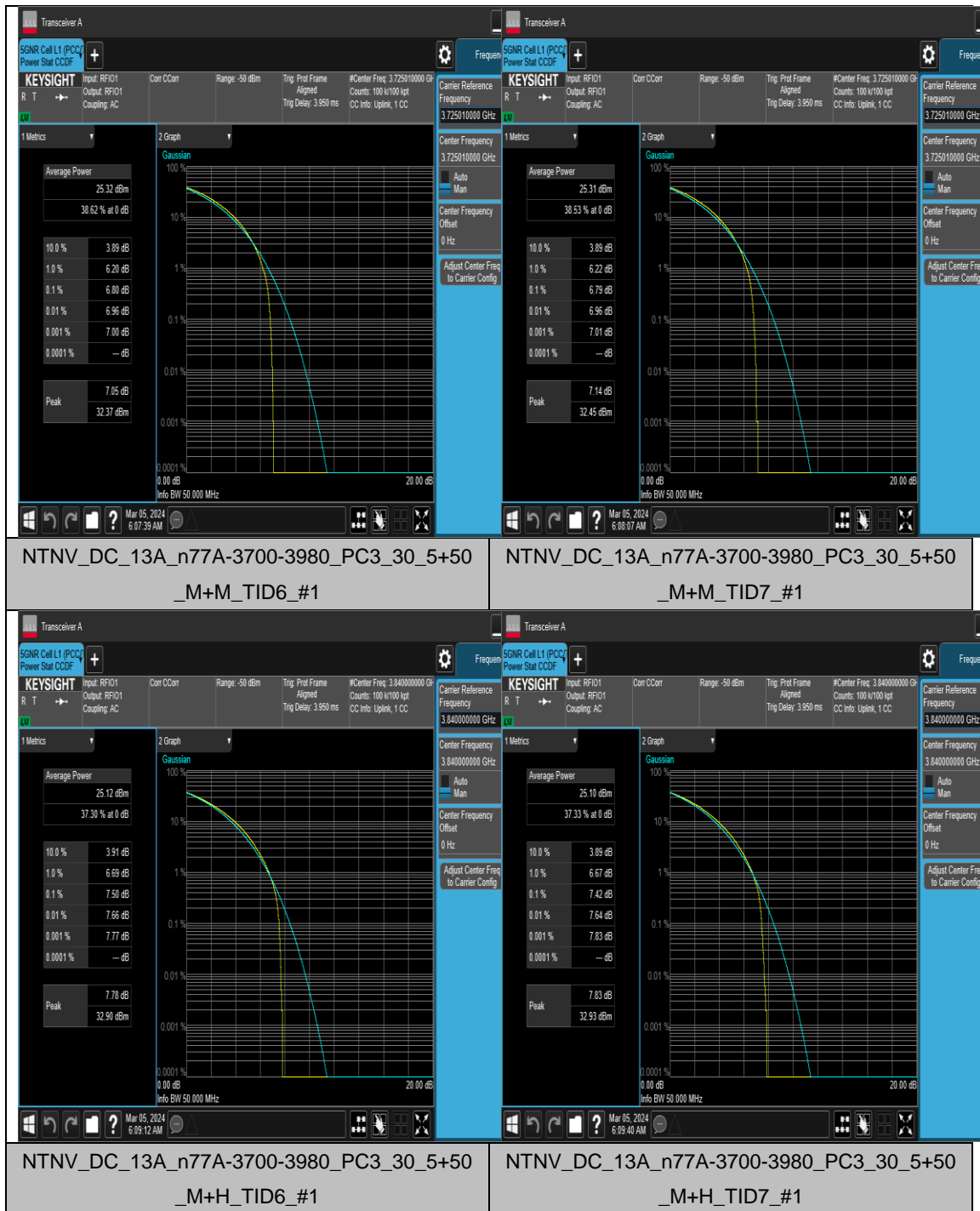
### Test Graphs

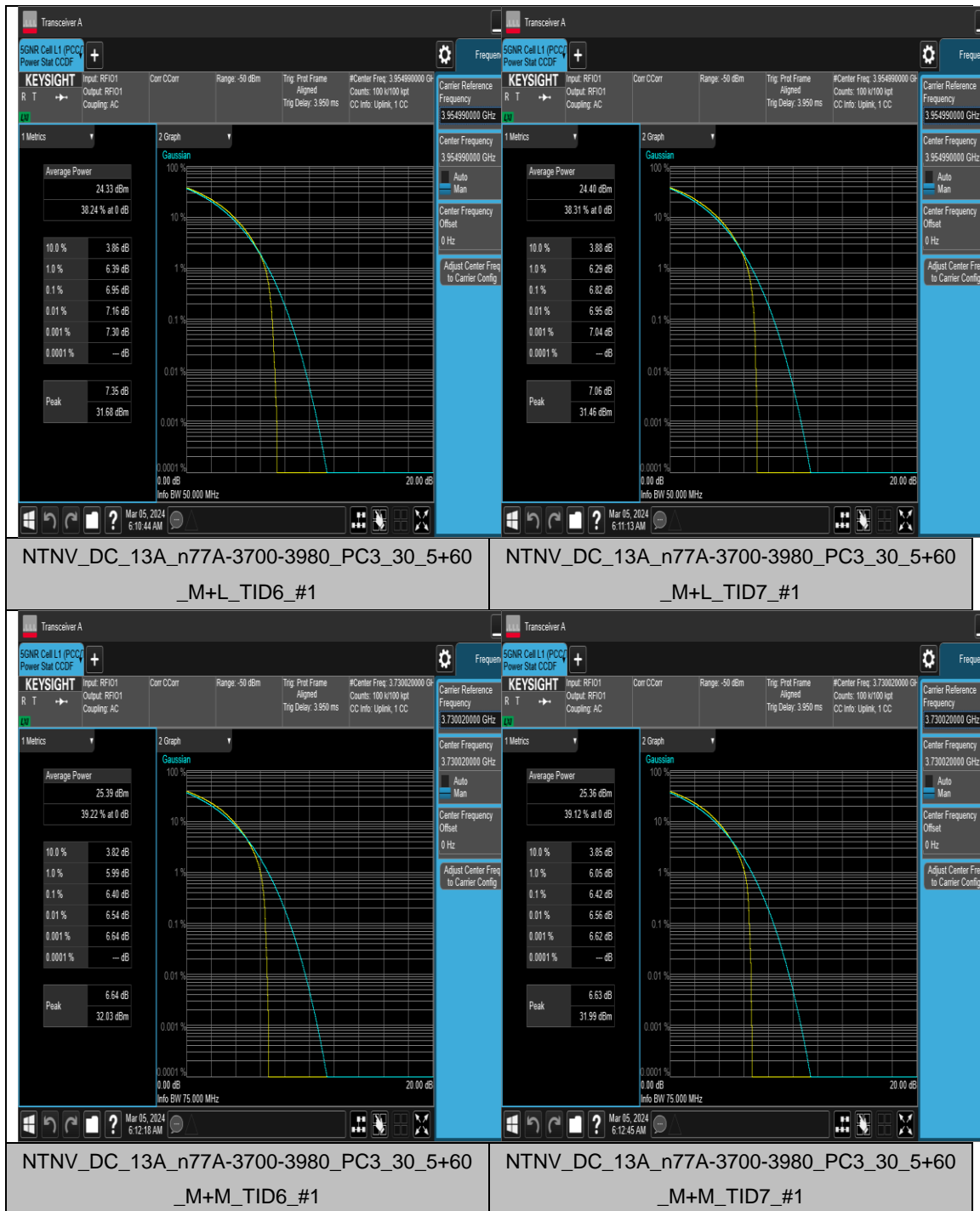


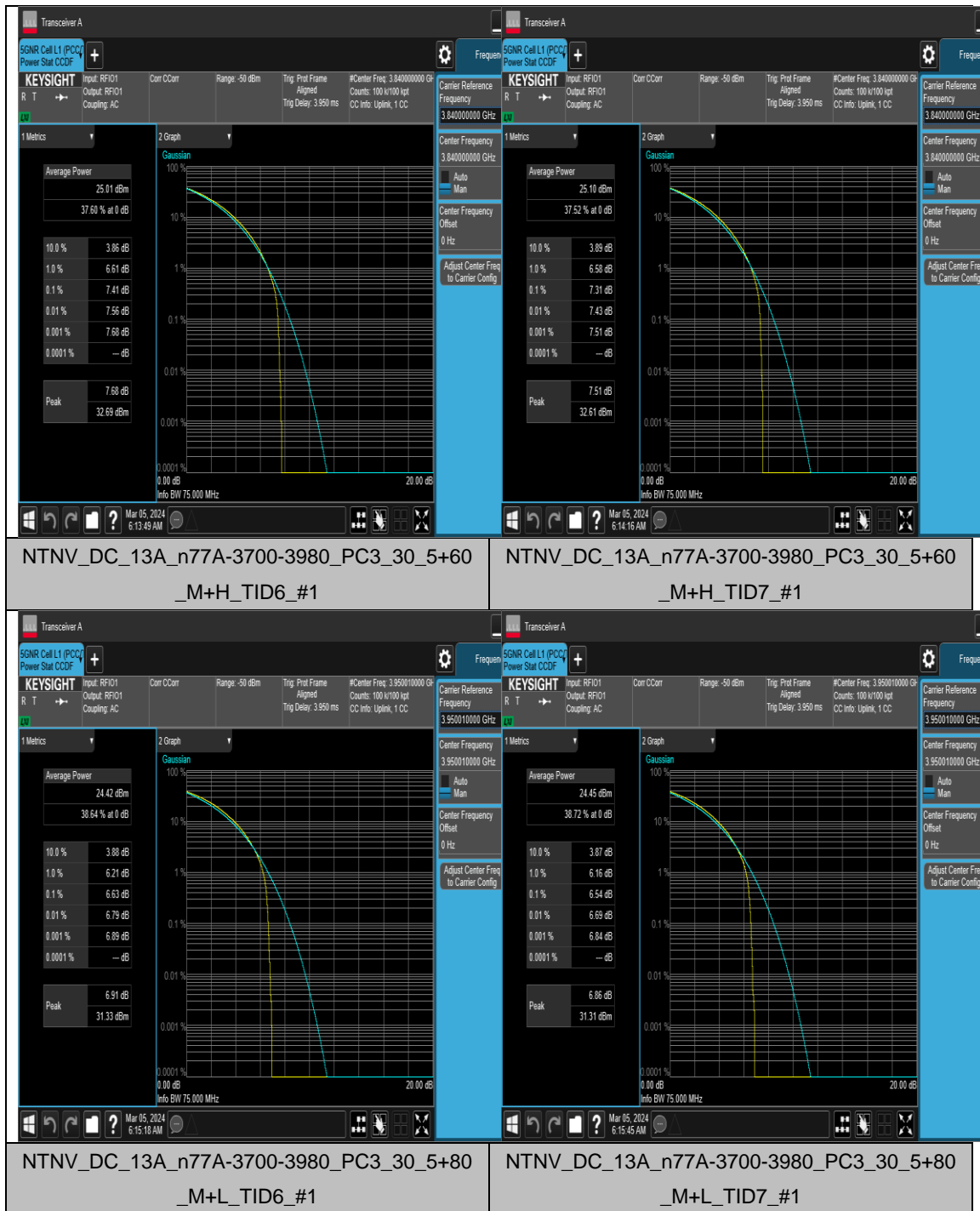


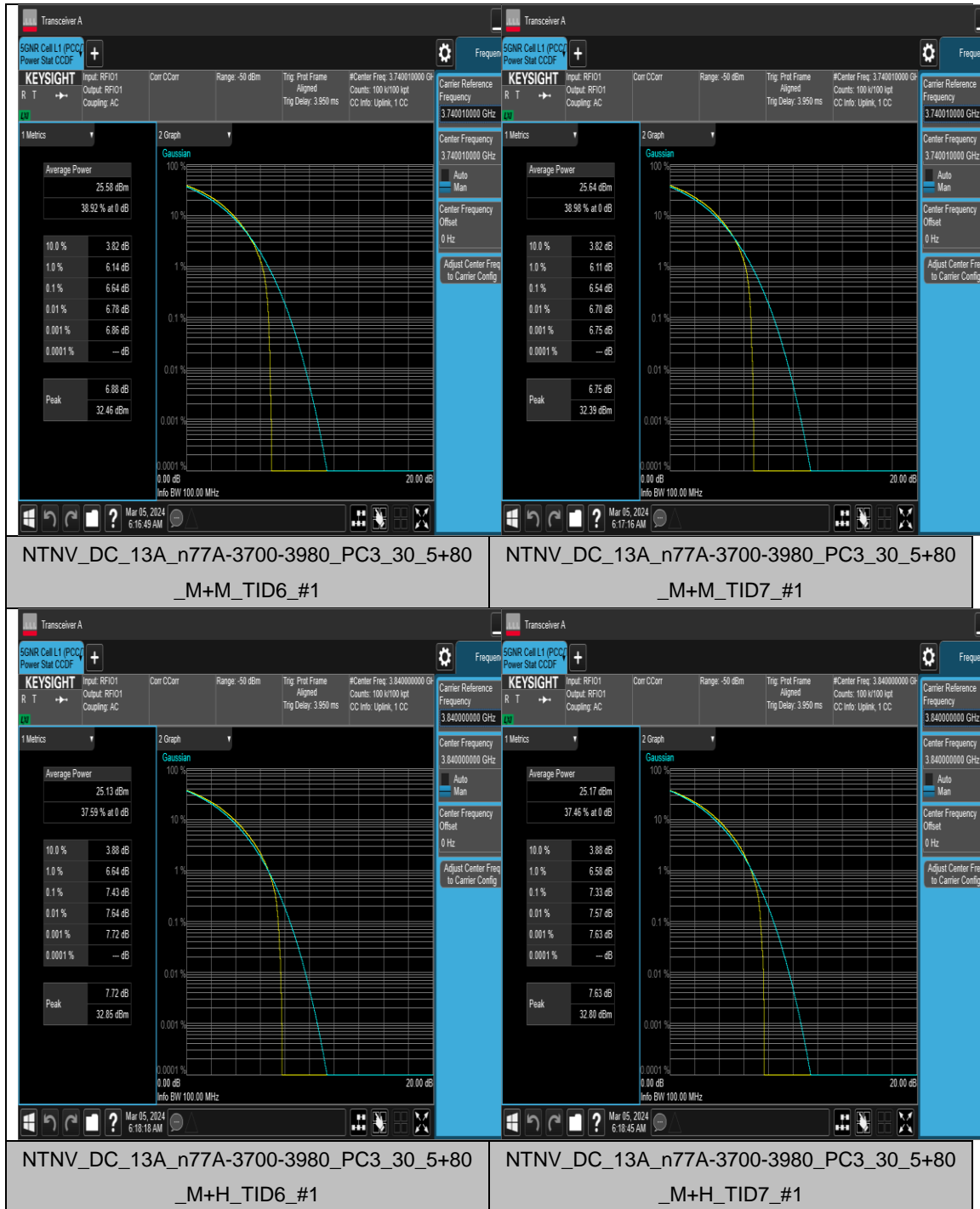


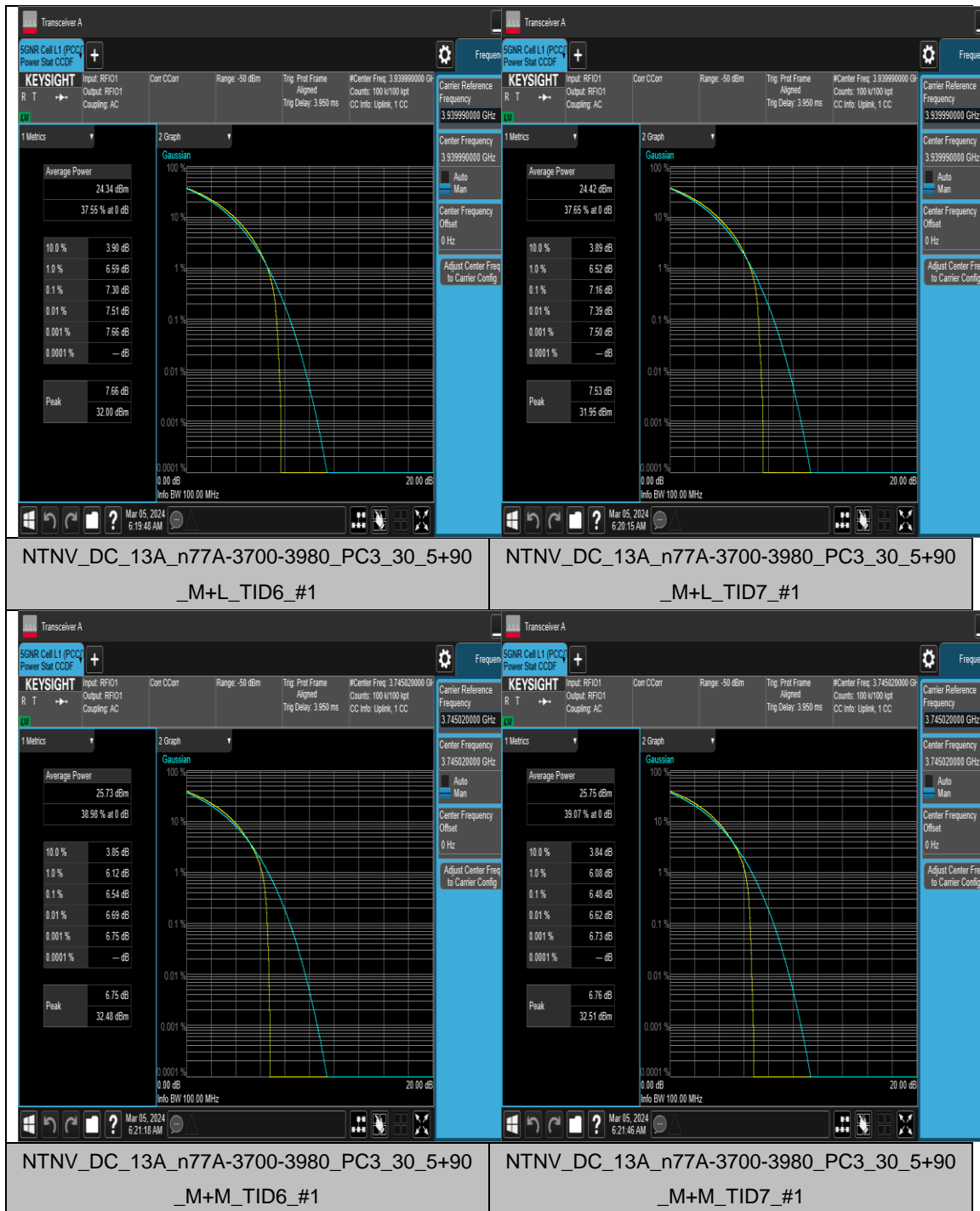


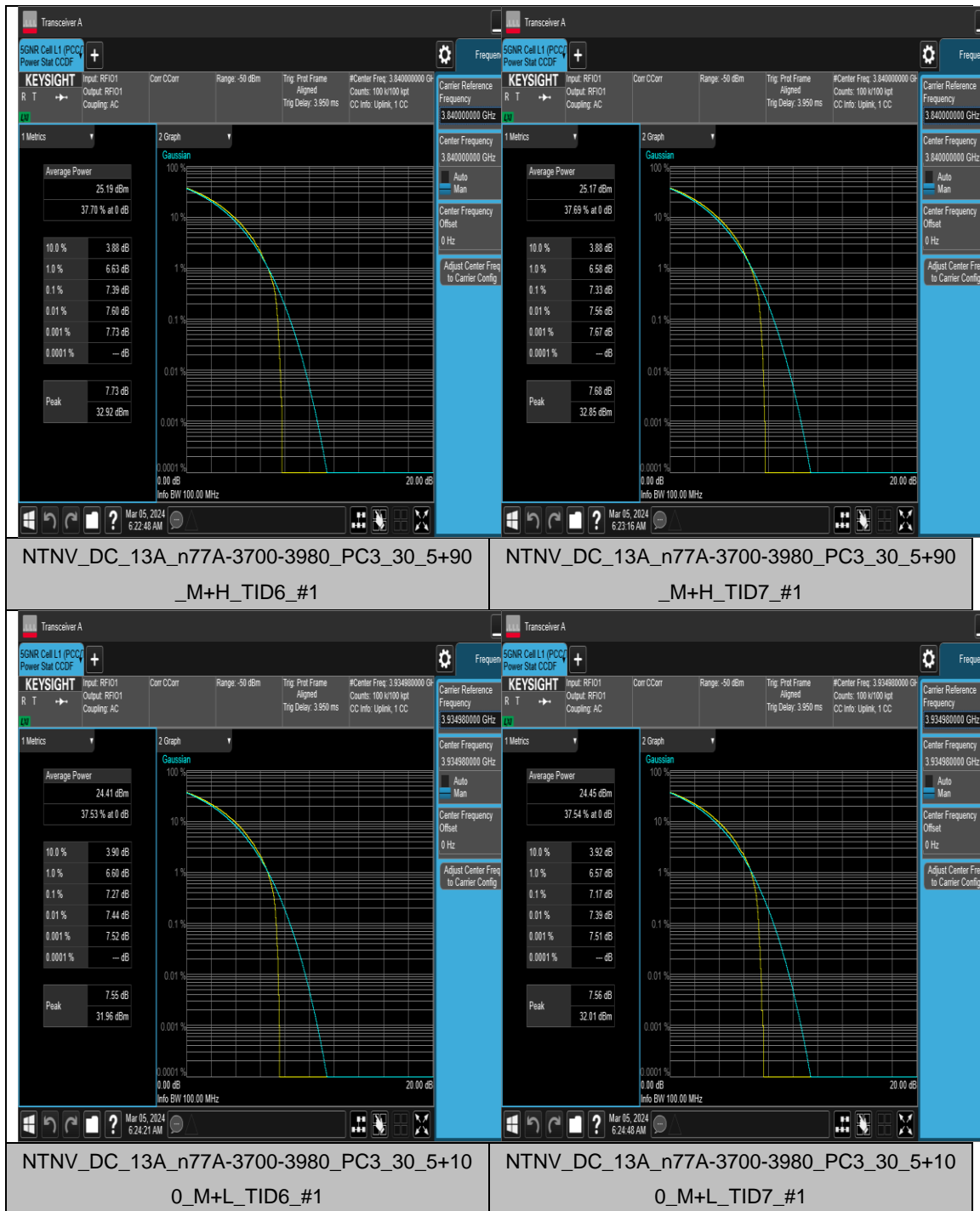


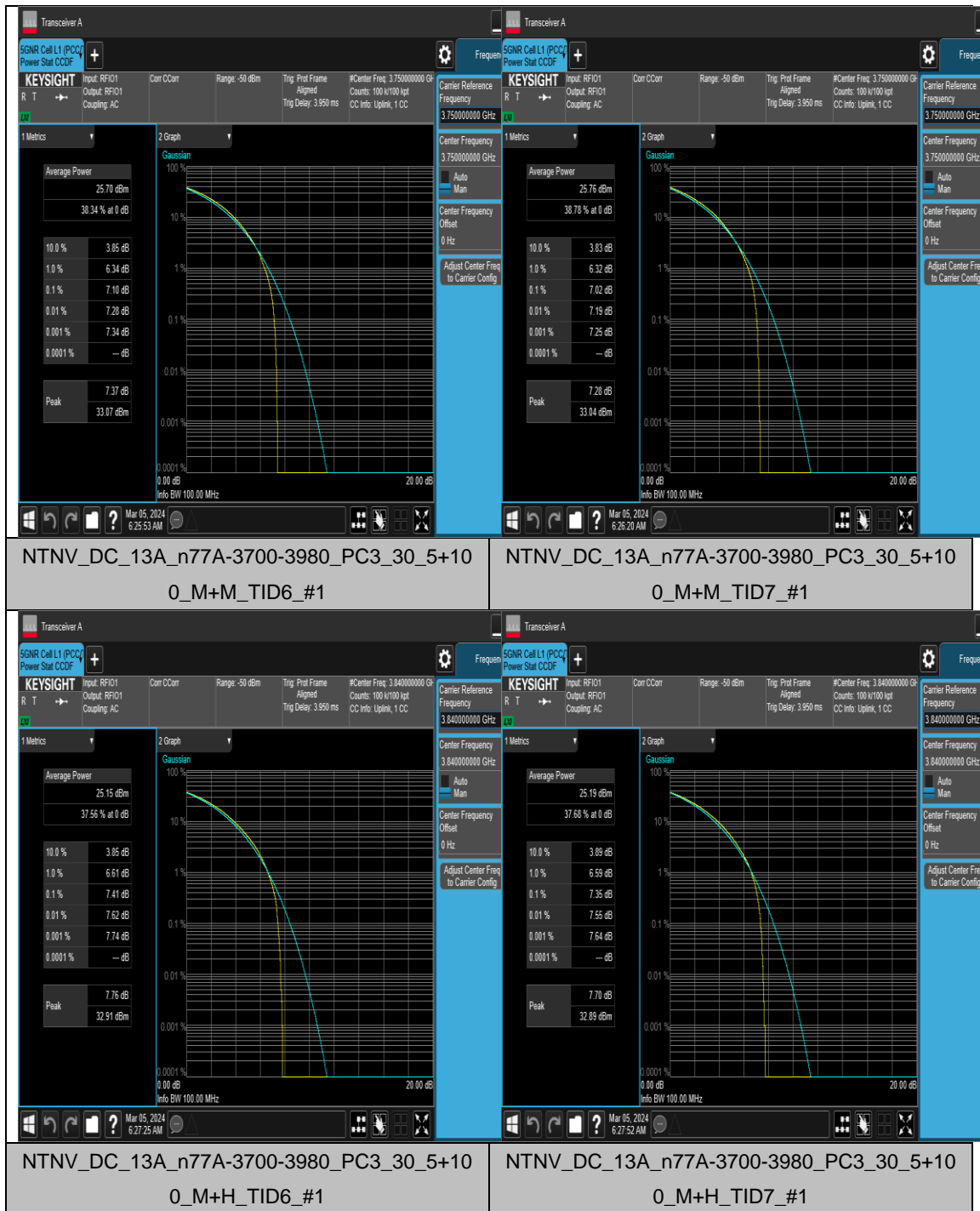




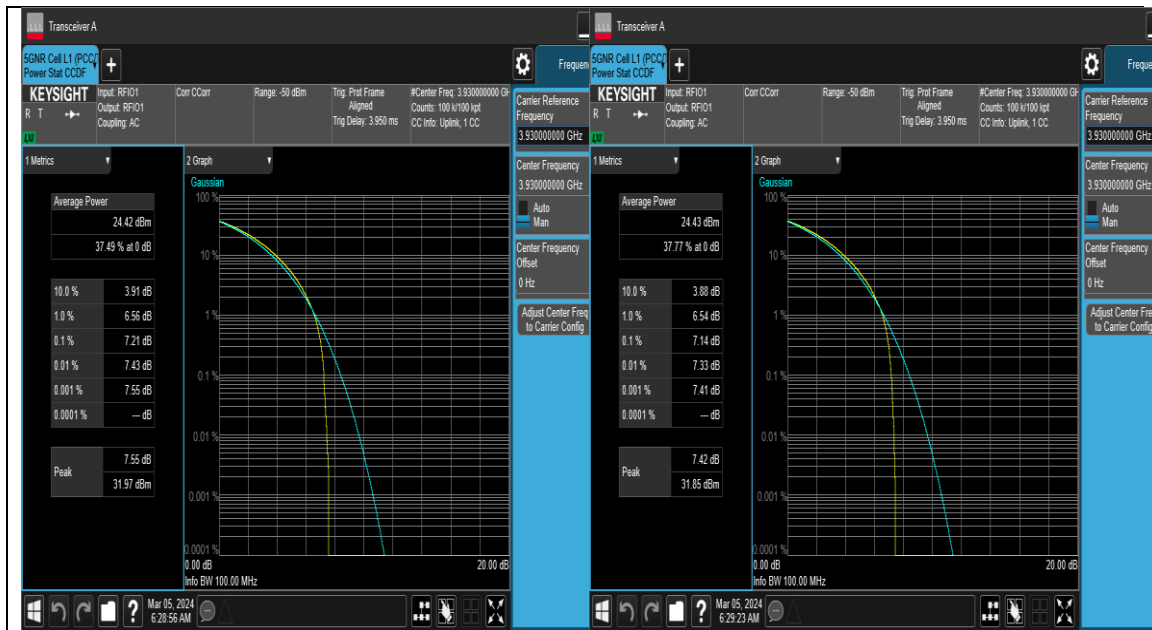












## Appendix C: 26dB Bandwidth and Occupied Bandwidth for

### NSA

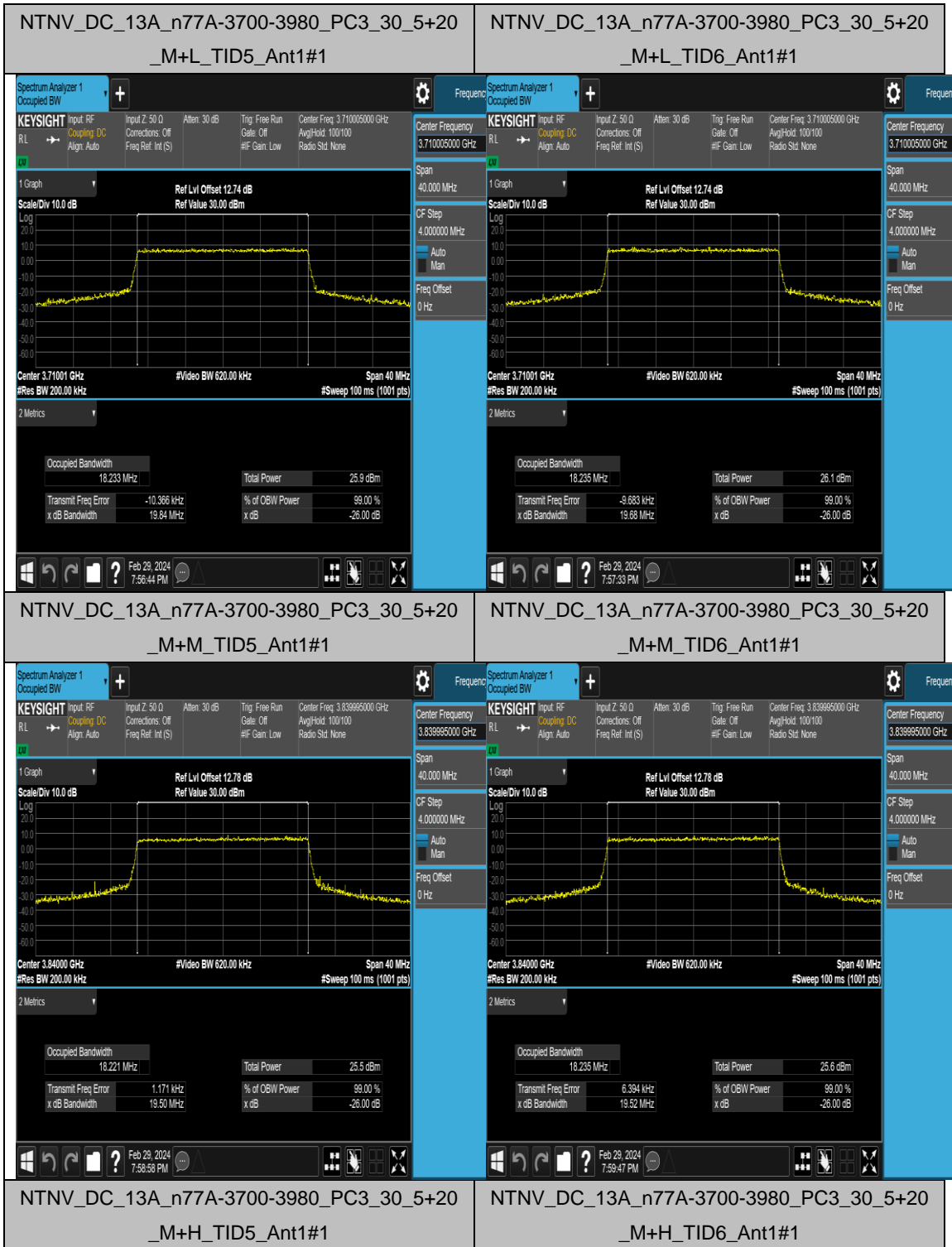
#### Test Result

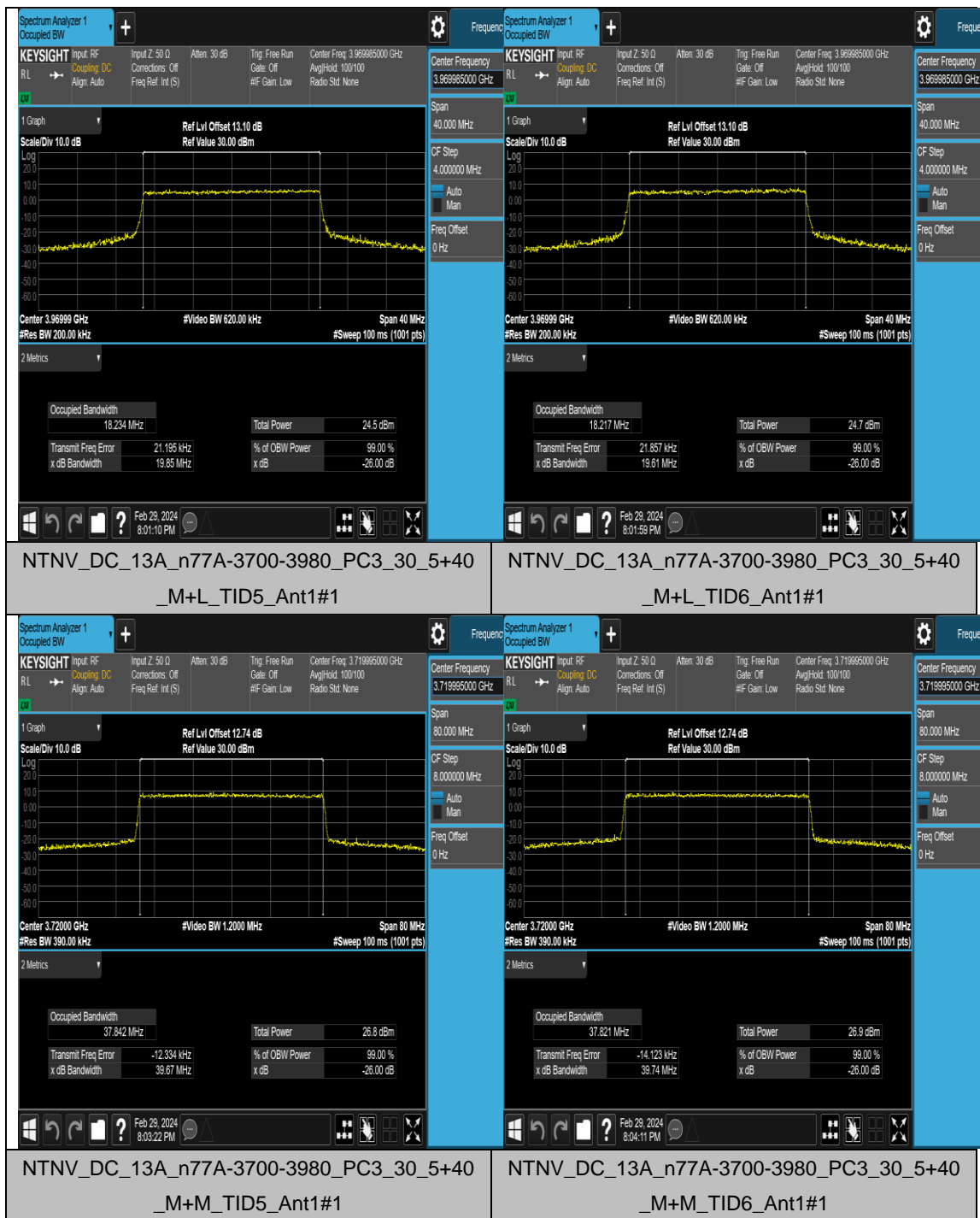
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
DC_13A_n77A-3700-3 980	30	5+20	CP-QPSK	M+L	Outer_Full	18.233	19.84	PASS
DC_13A_n77A-3700-3 980	30	5+20	CP-16QAM	M+L	Outer_Full	18.235	19.68	PASS
DC_13A_n77A-3700-3 980	30	5+20	CP-QPSK	M+M	Outer_Full	18.221	19.50	PASS
DC_13A_n77A-3700-3 980	30	5+20	CP-16QAM	M+M	Outer_Full	18.235	19.52	PASS
DC_13A_n77A-3700-3 980	30	5+20	CP-QPSK	M+H	Outer_Full	18.234	19.85	PASS
DC_13A_n77A-3700-3 980	30	5+20	CP-16QAM	M+H	Outer_Full	18.217	19.61	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-QPSK	M+L	Outer_Full	37.842	39.67	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-16QAM	M+L	Outer_Full	37.821	39.74	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-QPSK	M+M	Outer_Full	37.783	39.64	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-16QAM	M+M	Outer_Full	37.756	39.73	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-QPSK	M+H	Outer_Full	37.842	39.66	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-16QAM	M+H	Outer_Full	37.862	39.70	PASS
DC_13A_n77A-3700-3 980	30	5+50	CP-QPSK	M+L	Outer_Full	47.512	49.60	PASS
DC_13A_n77A-3700-3 980	30	5+50	CP-16QAM	M+L	Outer_Full	47.526	49.58	PASS
DC_13A_n77A-3700-3 980	30	5+50	CP-QPSK	M+M	Outer_Full	47.402	49.64	PASS
DC_13A_n77A-3700-3 980	30	5+50	CP-16QAM	M+M	Outer_Full	47.414	49.55	PASS
DC_13A_n77A-3700-3 980	30	5+50	CP-QPSK	M+H	Outer_Full	47.518	49.62	PASS

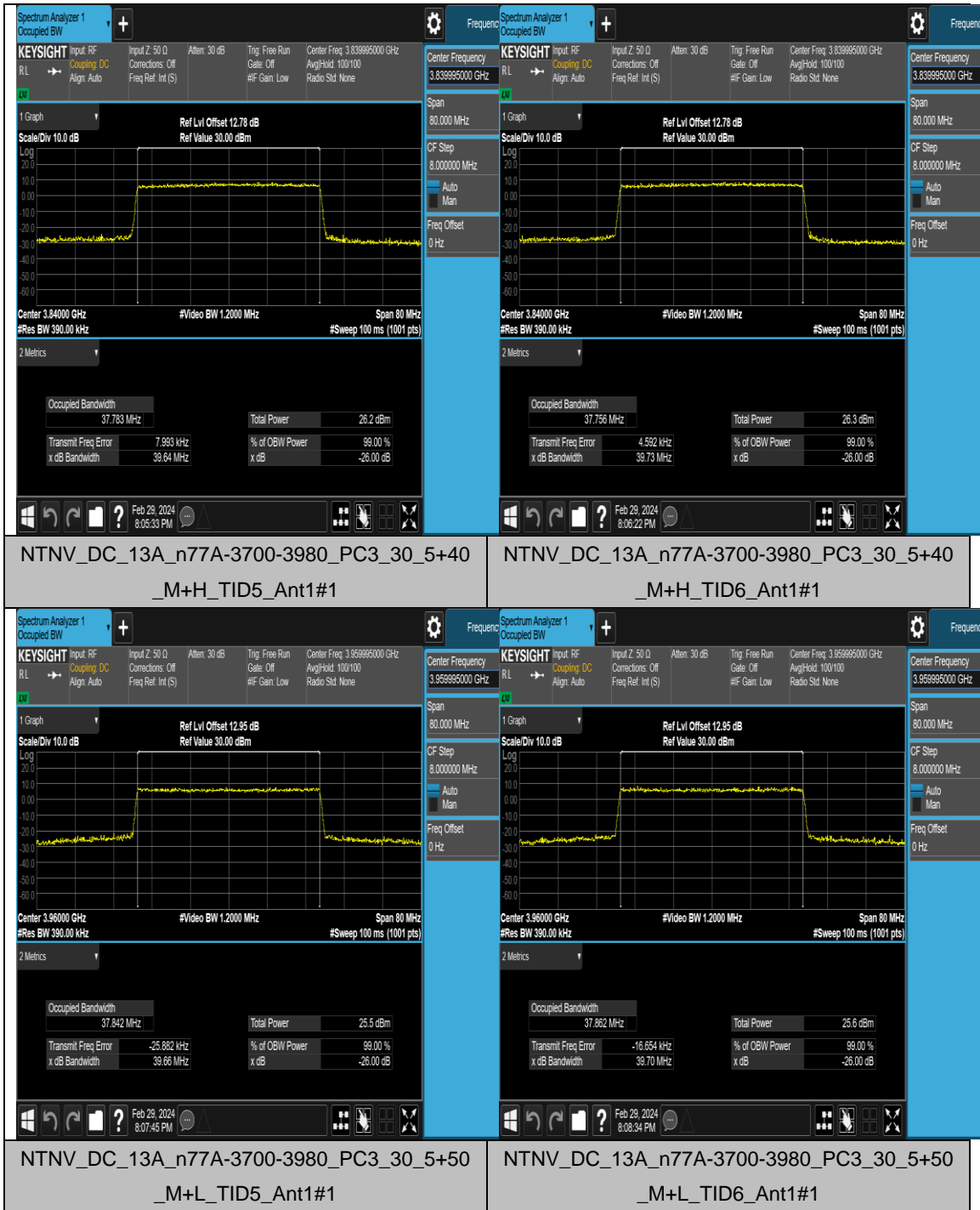
DC_13A_n77A-3700-3 980	30	5+50	CP-16QAM	M+H	Outer_Full	47.517	49.60	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-QPSK	M+L	Outer_Full	57.819	63.18	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-16QAM	M+L	Outer_Full	57.834	63.24	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-QPSK	M+M	Outer_Full	57.823	60.27	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-16QAM	M+M	Outer_Full	57.834	60.18	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-QPSK	M+H	Outer_Full	57.819	60.15	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-16QAM	M+H	Outer_Full	57.817	60.15	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-QPSK	M+L	Outer_Full	77.376	80.34	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-16QAM	M+L	Outer_Full	77.371	80.30	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-QPSK	M+M	Outer_Full	77.478	80.33	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-16QAM	M+M	Outer_Full	77.440	80.31	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-QPSK	M+H	Outer_Full	77.413	80.40	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-16QAM	M+H	Outer_Full	77.394	80.37	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-QPSK	M+L	Outer_Full	87.440	90.54	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-16QAM	M+L	Outer_Full	87.309	90.49	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-QPSK	M+M	Outer_Full	87.457	90.51	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-16QAM	M+M	Outer_Full	87.450	90.46	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-QPSK	M+H	Outer_Full	87.448	90.46	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-16QAM	M+H	Outer_Full	87.388	90.43	PASS
DC_13A_n77A-3700-3 980	30	5+100	CP-QPSK	M+L	Outer_Full	97.331	100.8	PASS
DC_13A_n77A-3700-3 980	30	5+100	CP-16QAM	M+L	Outer_Full	97.464	100.9	PASS
DC_13A_n77A-3700-3	30	5+100	CP-QPSK	M+M	Outer_Full	97.462	100.8	PASS

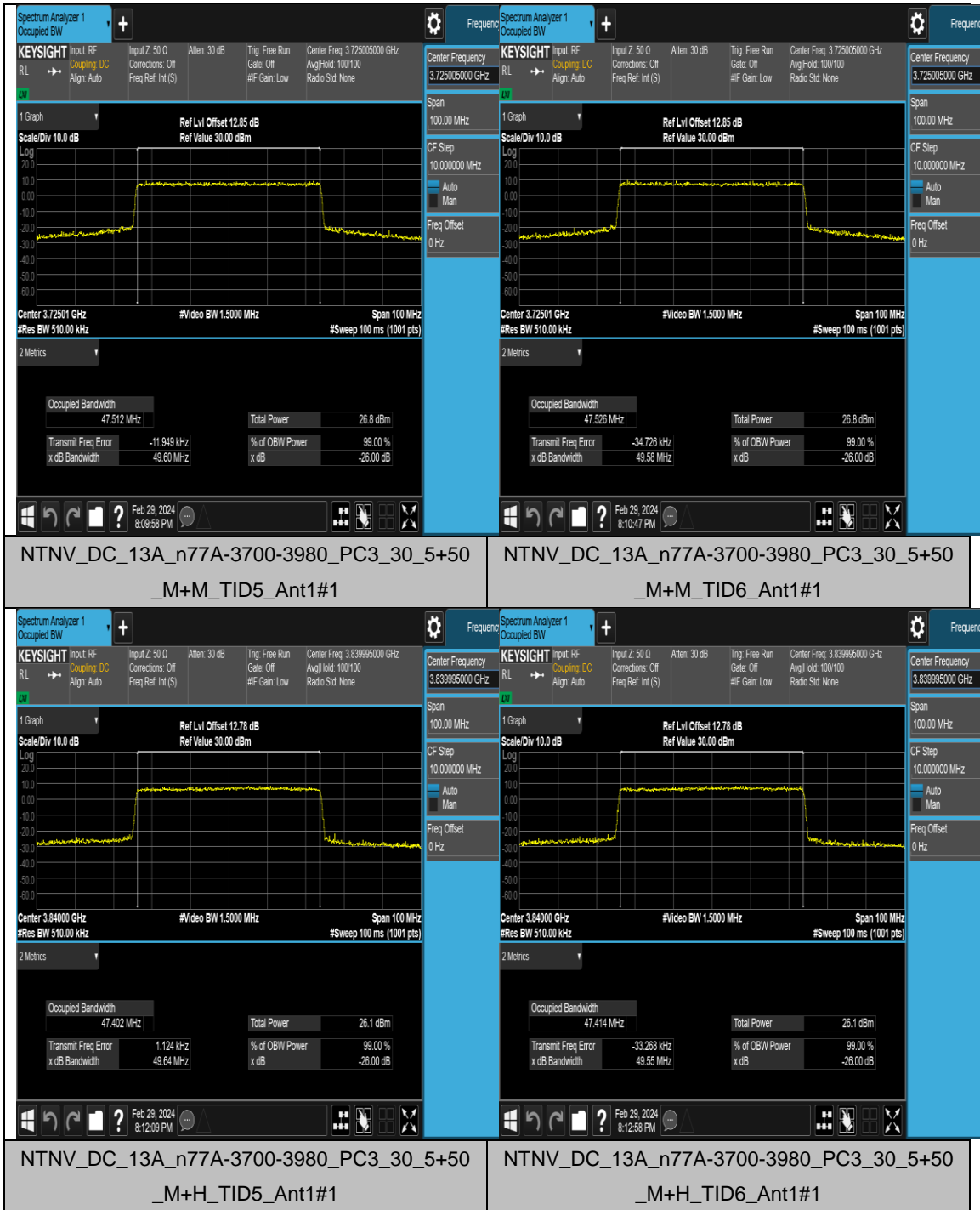
980								
DC_13A_n77A-3700-3 980	30	5+100	CP-16QAM	M+M	Outer_Full	97.456	100.8	PASS
DC_13A_n77A-3700-3 980	30	5+100	CP-QPSK	M+H	Outer_Full	97.330	100.8	PASS
DC_13A_n77A-3700-3 980	30	5+100	CP-16QAM	M+H	Outer_Full	97.338	100.7	PASS

### Test Graphs

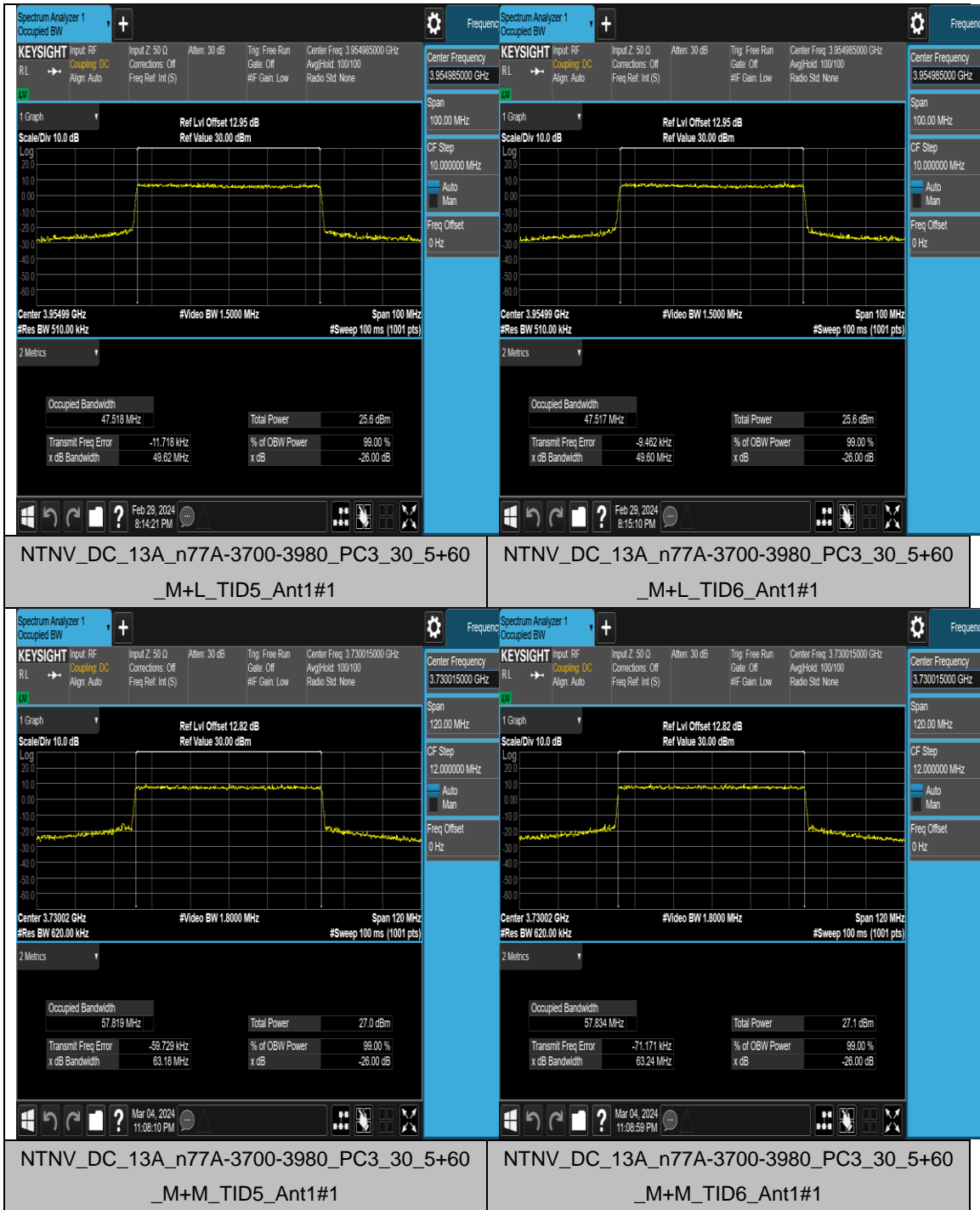










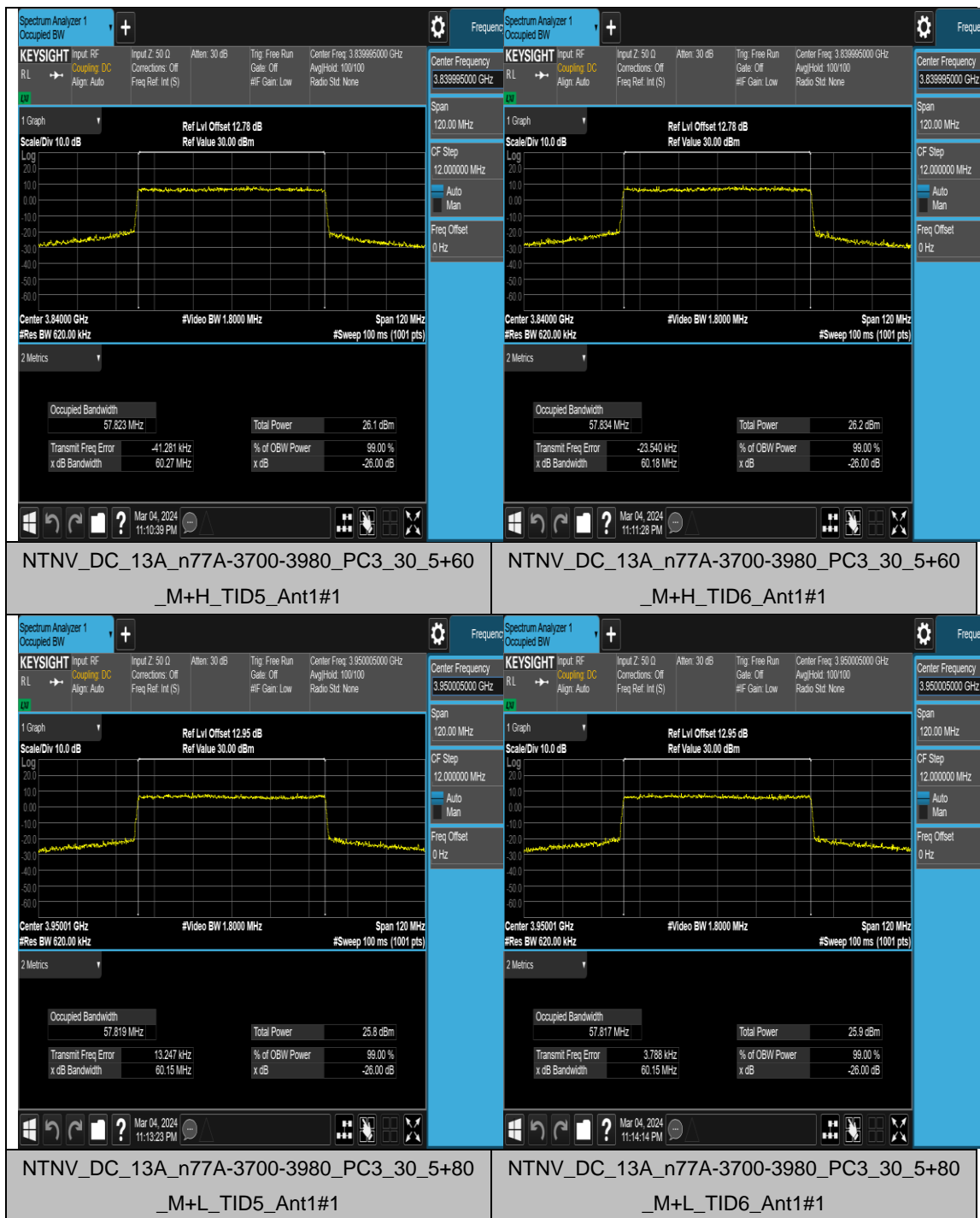


NTNV\_DC\_13A\_n77A-3700-3980\_PC3\_30\_5+60  
\_M+L\_TID5\_Ant1#1

NTNV\_DC\_13A\_n77A-3700-3980\_PC3\_30\_5+60  
\_M+L\_TID6\_Ant1#1

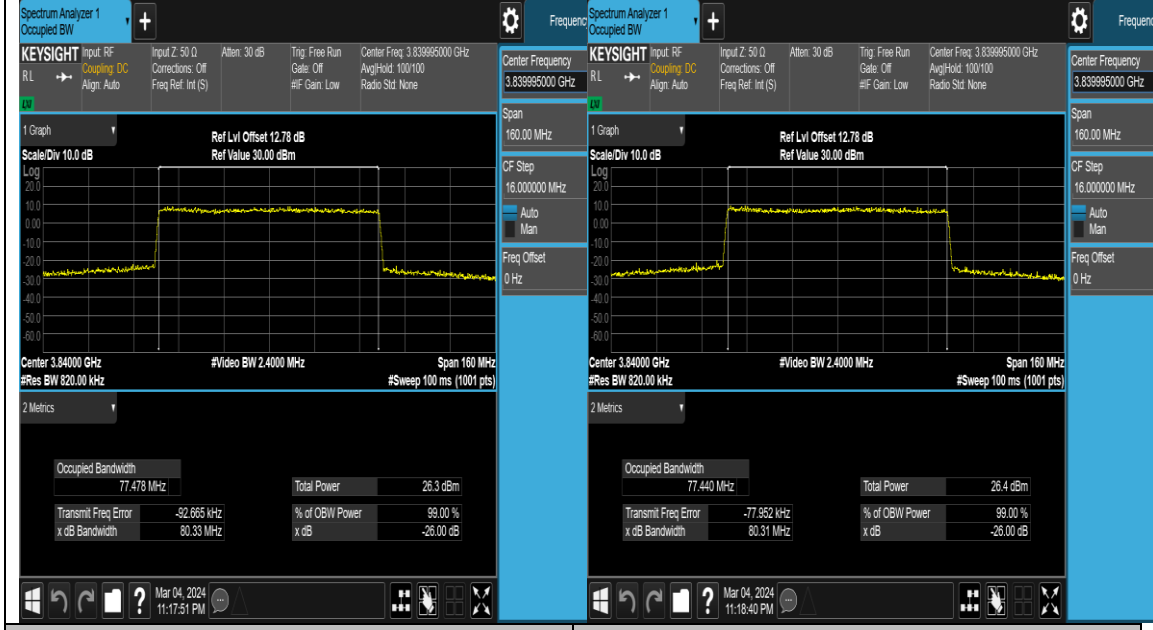
NTNV\_DC\_13A\_n77A-3700-3980\_PC3\_30\_5+60  
\_M+M\_TID5\_Ant1#1

NTNV\_DC\_13A\_n77A-3700-3980\_PC3\_30\_5+60  
\_M+M\_TID6\_Ant1#1





NTNV\_DC\_13A\_n77A-3700-3980\_PC3\_30\_5+80\_M+M\_TID5\_Ant1#1      NTVN\_DC\_13A\_n77A-3700-3980\_PC3\_30\_5+80\_M+M\_TID6\_Ant1#1



NTNV\_DC\_13A\_n77A-3700-3980\_PC3\_30\_5+80\_M+H\_TID5\_Ant1#1      NTVN\_DC\_13A\_n77A-3700-3980\_PC3\_30\_5+80\_M+H\_TID6\_Ant1#1