

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

Product Name: 5G CPE

Model No: S3

## Appendix A: Average Power Output for SA

### 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	25.63	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+L	Inner_Full	25.57	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+L	Edge_1RB_Left	25.53	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+L	Edge_1RB_Right	25.30	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+L	Outer_Full	25.65	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+L	Inner_Full	25.63	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+L	Edge_1RB_Left	25.22	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+L	Edge_1RB_Right	25.28	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	25.63	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+M	Edge_1RB_Left	25.35	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+M	Edge_1RB_Right	24.80	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+M	Outer_Full	25.62	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+M	Inner_Full	25.62	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+M	Edge_1RB_Left	25.49	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+M	Edge_1RB_Right	24.97	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+H	Outer_Full	24.84	PC3	PASS
DC_13A_n77A-3	30	5+20	CP-QPSK	M+H	Inner_Full	24.87	PC3	PASS

700-3980								
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+H	Edge_1RB_Left	24.09	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-QPSK	M+H	Edge_1RB_Right	24.17	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+H	Outer_Full	24.79	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+H	Inner_Full	24.87	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+H	Edge_1RB_Left	24.07	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+20	CP-16QAM	M+H	Edge_1RB_Right	24.38	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+L	Outer_Full	25.90	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+L	Inner_Full	25.88	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+L	Edge_1RB_Left	25.49	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+L	Edge_1RB_Right	25.48	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+L	Outer_Full	25.92	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+L	Inner_Full	25.94	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+L	Edge_1RB_Left	25.68	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+L	Edge_1RB_Right	25.66	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+M	Outer_Full	25.85	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+M	Inner_Full	25.79	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+M	Edge_1RB_Left	25.27	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+M	Edge_1RB_Right	25.35	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+M	Outer_Full	25.89	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+M	Inner_Full	25.82	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+M	Edge_1RB_Left	25.37	PC3	PASS

DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+M	Edge_1RB_Right	25.37	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+H	Outer_Full	25.15	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+H	Inner_Full	24.89	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+H	Edge_1RB_Left	25.04	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-QPSK	M+H	Edge_1RB_Right	24.96	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+H	Outer_Full	24.99	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+H	Inner_Full	24.93	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+H	Edge_1RB_Left	24.67	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+40	CP-16QAM	M+H	Edge_1RB_Right	24.75	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+L	Outer_Full	25.53	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+L	Inner_Full	25.65	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+L	Edge_1RB_Left	24.97	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+L	Edge_1RB_Right	25.19	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+L	Outer_Full	25.63	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+L	Inner_Full	25.56	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+L	Edge_1RB_Left	24.88	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+L	Edge_1RB_Right	25.06	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+M	Outer_Full	25.50	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+M	Inner_Full	25.66	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+M	Edge_1RB_Left	25.01	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+M	Edge_1RB_Right	24.95	PC3	PASS
DC_13A_n77A-3	30	5+50	CP-16QAM	M+M	Outer_Full	25.55	PC3	PASS

700-3980								
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+M	Inner_Full	25.66	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+M	Edge_1RB_Left	24.75	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+M	Edge_1RB_Right	24.88	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+H	Outer_Full	24.92	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+H	Inner_Full	24.74	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-QPSK	M+H	Edge_1RB_Left	24.46	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	24.93	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+H	Inner_Full	24.62	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+H	Edge_1RB_Left	24.47	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+50	CP-16QAM	M+H	Edge_1RB_Right	24.81	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+L	Outer_Full	25.59	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+L	Inner_Full	25.72	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+L	Edge_1RB_Left	25.07	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+L	Edge_1RB_Right	25.26	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+L	Outer_Full	25.68	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+L	Inner_Full	25.65	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+L	Edge_1RB_Left	25.30	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+L	Edge_1RB_Right	25.40	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+M	Outer_Full	25.56	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	24.98	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+M	Edge_1RB_Right	25.07	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+M	Outer_Full	25.57	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+M	Inner_Full	25.62	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+M	Edge_1RB_Left	24.89	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+M	Edge_1RB_Right	25.04	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+H	Outer_Full	24.98	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+H	Inner_Full	24.93	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+H	Edge_1RB_Left	24.63	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-QPSK	M+H	Edge_1RB_Right	24.51	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	24.99	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+H	Edge_1RB_Left	24.38	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+60	CP-16QAM	M+H	Edge_1RB_Right	24.59	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+L	Outer_Full	25.99	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+L	Inner_Full	26.12	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+L	Edge_1RB_Left	25.55	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+L	Edge_1RB_Right	25.32	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+L	Outer_Full	25.90	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+L	Inner_Full	26.18	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+L	Edge_1RB_Left	25.45	PC3	PASS
DC_13A_n77A-3	30	5+80	CP-16QAM	M+L	Edge_1RB_Right	25.22	PC3	PASS

700-3980								
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+M	Outer_Full	25.48	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+M	Inner_Full	25.63	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+M	Edge_1RB_Left	25.44	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+M	Edge_1RB_Right	24.92	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+M	Outer_Full	25.66	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+M	Inner_Full	25.57	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+M	Edge_1RB_Left	25.27	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+M	Edge_1RB_Right	24.89	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+H	Outer_Full	24.92	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-QPSK	M+H	Inner_Full	24.96	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	24.22	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+H	Outer_Full	24.97	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+H	Inner_Full	24.94	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+H	Edge_1RB_Left	24.90	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+80	CP-16QAM	M+H	Edge_1RB_Right	24.50	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+L	Outer_Full	26.06	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+L	Inner_Full	26.16	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+L	Edge_1RB_Left	25.22	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+L	Edge_1RB_Right	25.39	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+L	Outer_Full	26.14	PC3	PASS

DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+L	Inner_Full	26.21	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+L	Edge_1RB_Left	25.70	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+L	Edge_1RB_Right	25.50	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+M	Outer_Full	25.64	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+M	Inner_Full	25.67	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+M	Edge_1RB_Left	25.40	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+M	Edge_1RB_Right	24.81	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	25.67	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+M	Edge_1RB_Left	25.05	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+M	Edge_1RB_Right	24.64	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+H	Outer_Full	25.07	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+H	Inner_Full	25.01	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+H	Edge_1RB_Left	24.63	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-QPSK	M+H	Edge_1RB_Right	24.35	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+H	Outer_Full	24.97	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+H	Inner_Full	24.96	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+H	Edge_1RB_Left	24.72	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+90	CP-16QAM	M+H	Edge_1RB_Right	24.33	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+L	Outer_Full	26.08	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+L	Inner_Full	26.08	PC3	PASS
DC_13A_n77A-3	30	5+100	CP-QPSK	M+L	Edge_1RB_Left	25.36	PC3	PASS



700-3980								
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+L	Edge_1RB_Right	25.37	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+L	Outer_Full	26.08	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+L	Inner_Full	26.13	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+L	Edge_1RB_Left	25.22	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+L	Edge_1RB_Right	25.54	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+M	Outer_Full	25.65	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+M	Inner_Full	25.52	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+M	Edge_1RB_Left	25.21	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+M	Edge_1RB_Right	24.67	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	25.65	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+M	Edge_1RB_Left	25.25	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+M	Edge_1RB_Right	24.82	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+H	Outer_Full	25.02	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	24.65	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-QPSK	M+H	Edge_1RB_Right	24.07	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+H	Outer_Full	24.91	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+H	Inner_Full	25.12	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+H	Edge_1RB_Left	24.37	PC3	PASS
DC_13A_n77A-3 700-3980	30	5+100	CP-16QAM	M+H	Edge_1RB_Right	24.21	PC3	PASS



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

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

#### Test Result

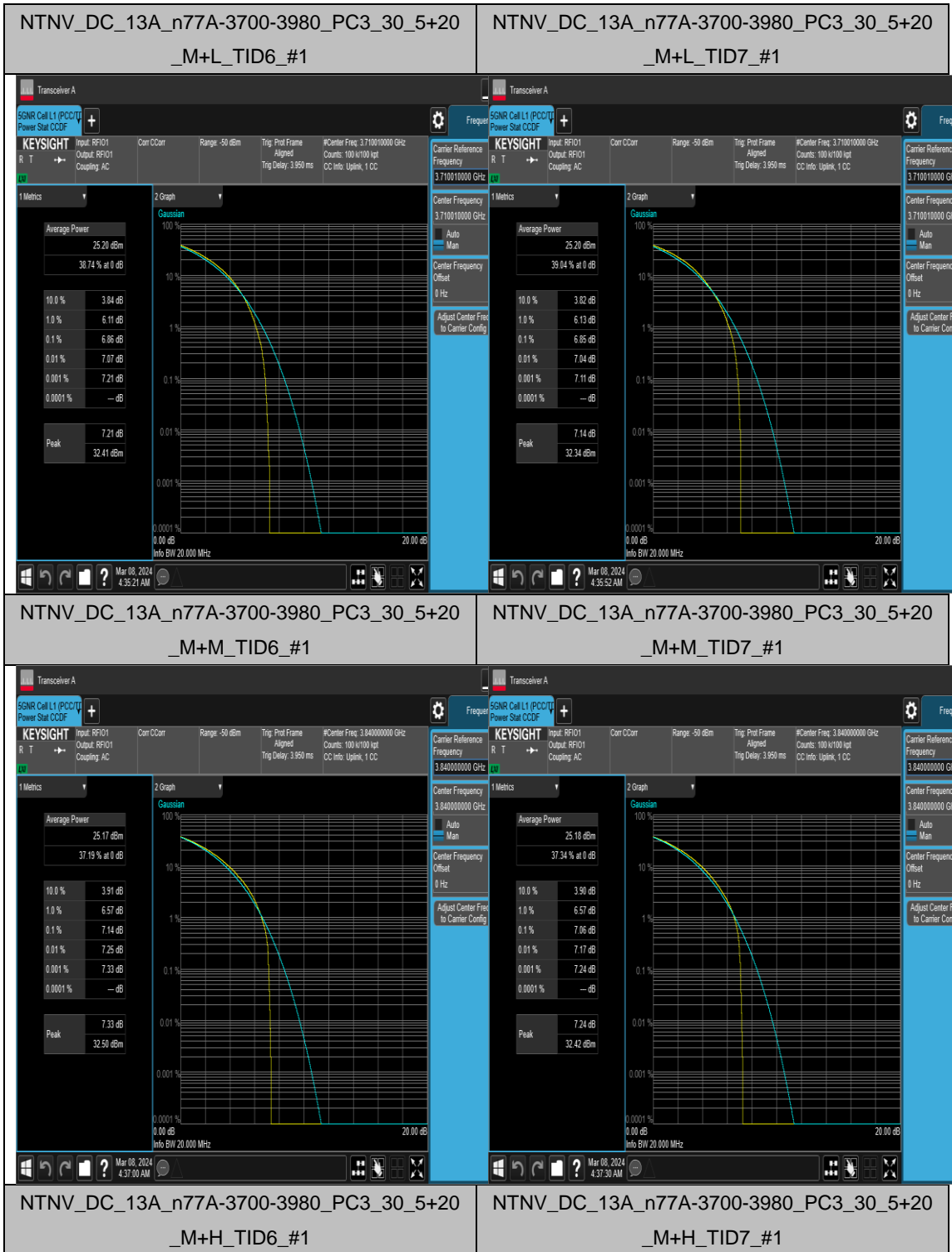
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
DC_13A_n 77A-3700-3 980	30	5+20	CP-QPSK	M+L	Outer_Full	6.86	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+20	CP-16QAM	M+L	Outer_Full	6.85	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+20	CP-QPSK	M+M	Outer_Full	7.14	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+20	CP-16QAM	M+M	Outer_Full	7.06	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+20	CP-QPSK	M+H	Outer_Full	6.65	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+20	CP-16QAM	M+H	Outer_Full	6.62	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+40	CP-QPSK	M+L	Outer_Full	6.65	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+40	CP-16QAM	M+L	Outer_Full	6.59	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+40	CP-QPSK	M+M	Outer_Full	7.43	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+40	CP-16QAM	M+M	Outer_Full	7.45	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+40	CP-QPSK	M+H	Outer_Full	6.72	≤13	PASS
DC_13A_n	30	5+40	CP-16QAM	M+H	Outer_Full	6.67	≤13	PASS

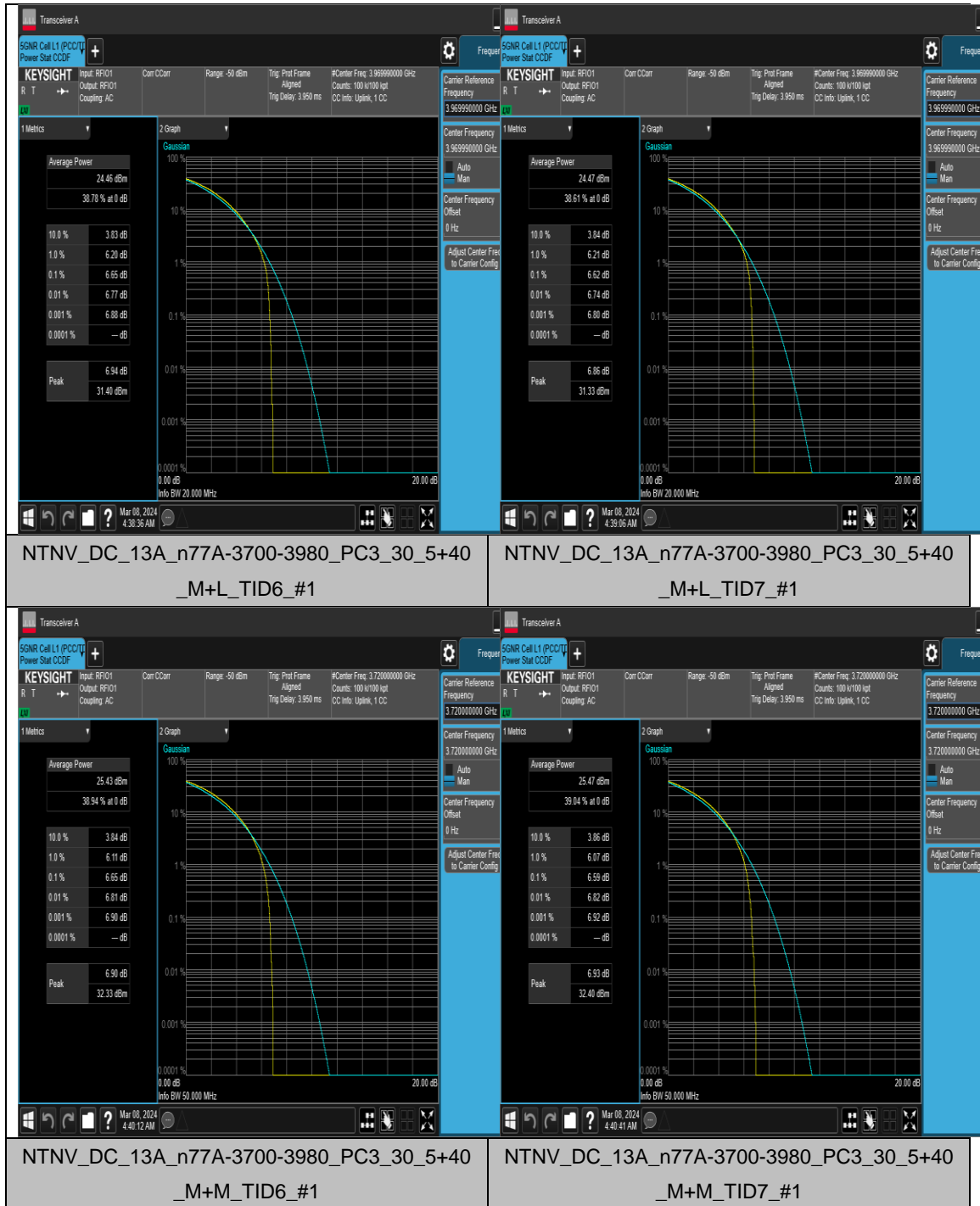
77A-3700-3 980								
DC_13A_n 77A-3700-3 980	30	5+50	CP-QPSK	M+L	Outer_Full	7.15	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+50	CP-16QAM	M+L	Outer_Full	7.11	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+50	CP-QPSK	M+M	Outer_Full	6.93	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+50	CP-16QAM	M+M	Outer_Full	6.88	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+50	CP-QPSK	M+H	Outer_Full	7.12	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+50	CP-16QAM	M+H	Outer_Full	7.16	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-QPSK	M+L	Outer_Full	6.70	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-16QAM	M+L	Outer_Full	6.69	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-QPSK	M+M	Outer_Full	6.95	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-16QAM	M+M	Outer_Full	6.77	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-QPSK	M+H	Outer_Full	6.94	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+60	CP-16QAM	M+H	Outer_Full	6.93	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+80	CP-QPSK	M+L	Outer_Full	6.83	≤13	PASS
DC_13A_n 77A-3700-3	30	5+80	CP-16QAM	M+L	Outer_Full	6.79	≤13	PASS

980								
DC_13A_n 77A-3700-3 980	30	5+80	CP-QPSK	M+M	Outer_Full	6.95	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+80	CP-16QAM	M+M	Outer_Full	6.93	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+80	CP-QPSK	M+H	Outer_Full	6.78	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+80	CP-16QAM	M+H	Outer_Full	7.54	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-QPSK	M+L	Outer_Full	6.79	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-16QAM	M+L	Outer_Full	6.76	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-QPSK	M+M	Outer_Full	6.94	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-16QAM	M+M	Outer_Full	6.94	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-QPSK	M+H	Outer_Full	7.59	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+90	CP-16QAM	M+H	Outer_Full	7.48	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+100	CP-QPSK	M+L	Outer_Full	6.83	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+100	CP-16QAM	M+L	Outer_Full	6.80	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+100	CP-QPSK	M+M	Outer_Full	6.98	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+100	CP-16QAM	M+M	Outer_Full	6.87	≤13	PASS

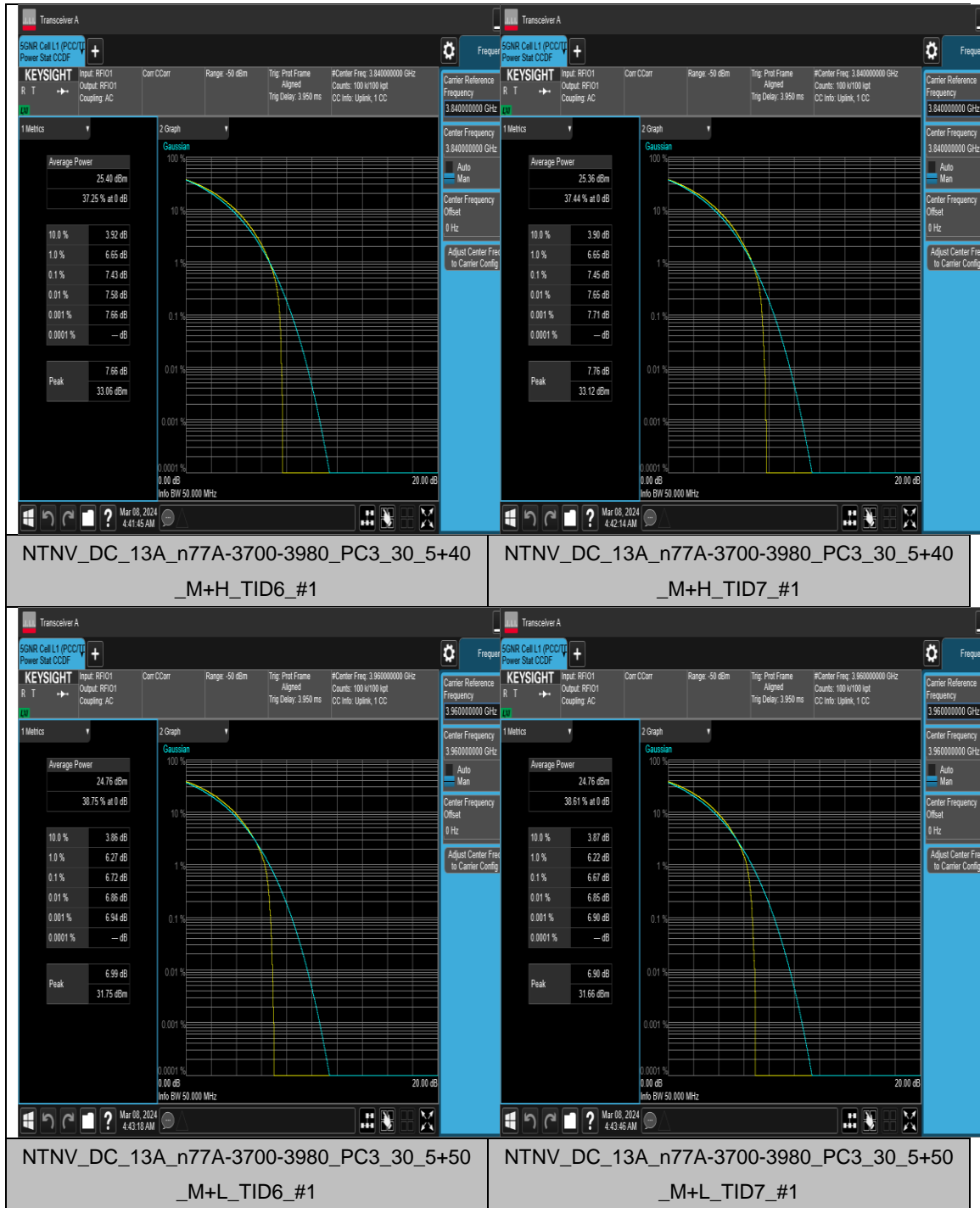
DC_13A_n 77A-3700-3 980	30	5+100	CP-QPSK	M+H	Outer_Full	7.58	≤13	PASS
DC_13A_n 77A-3700-3 980	30	5+100	CP-16QAM	M+H	Outer_Full	7.47	≤13	PASS

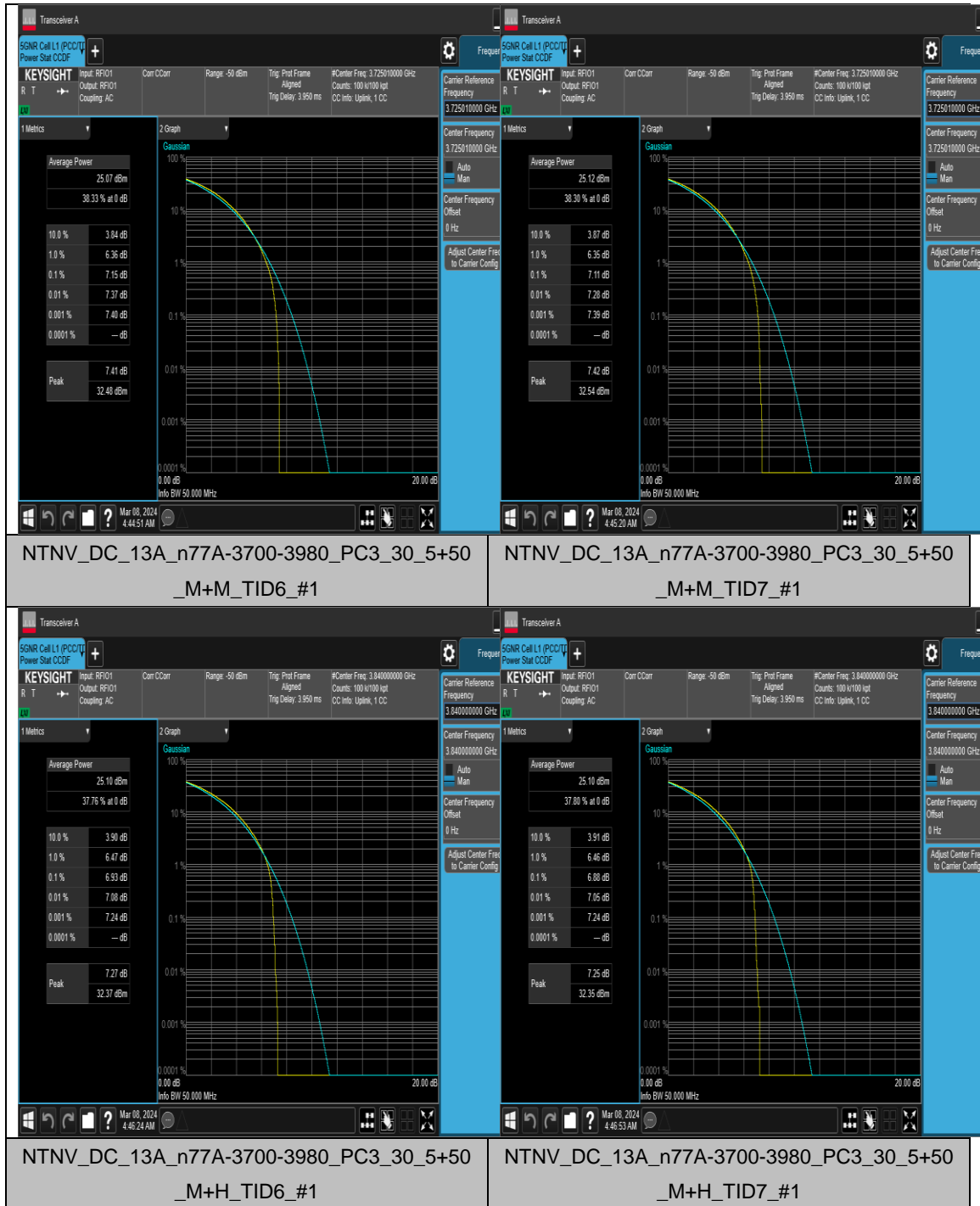
Test Graphs

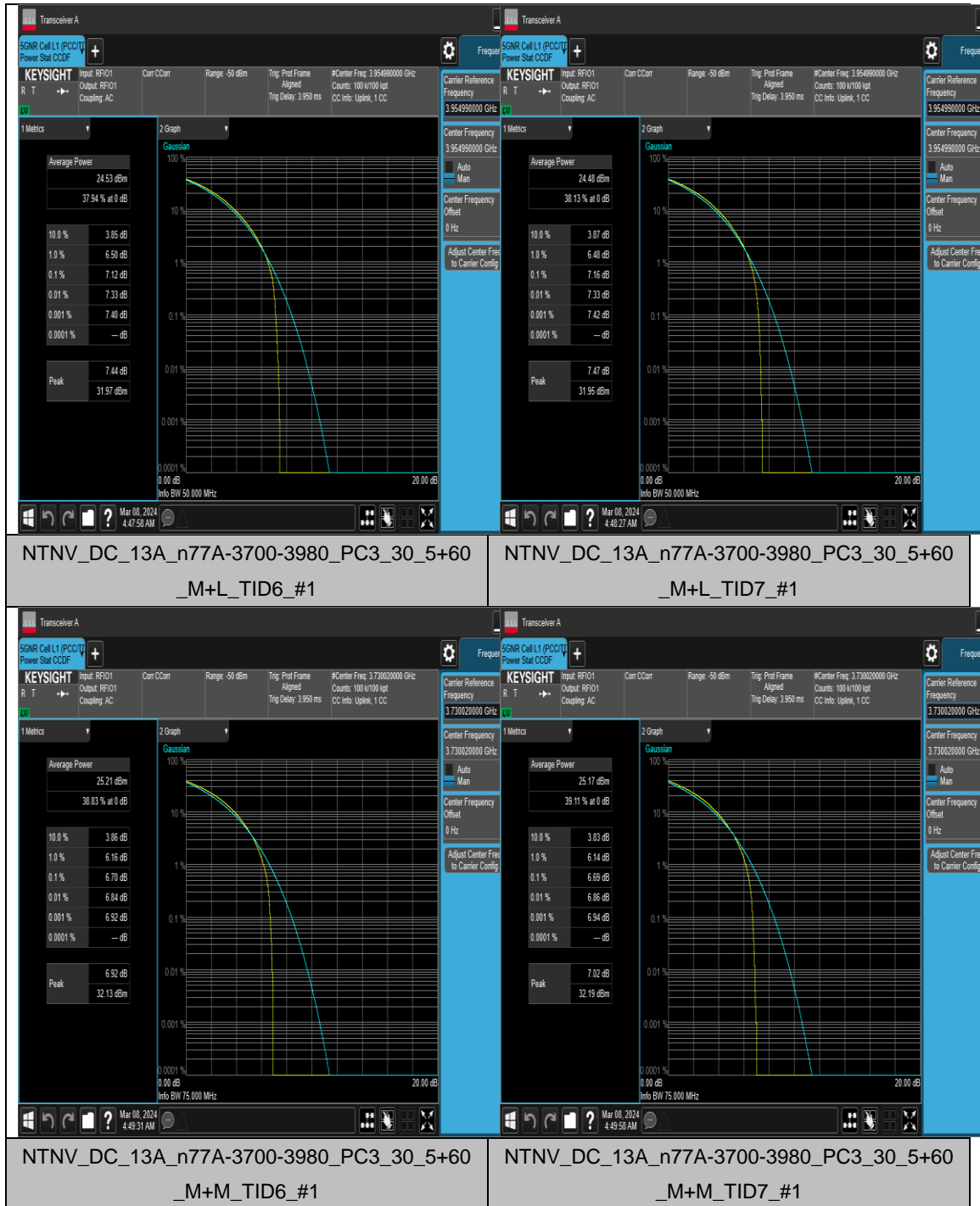


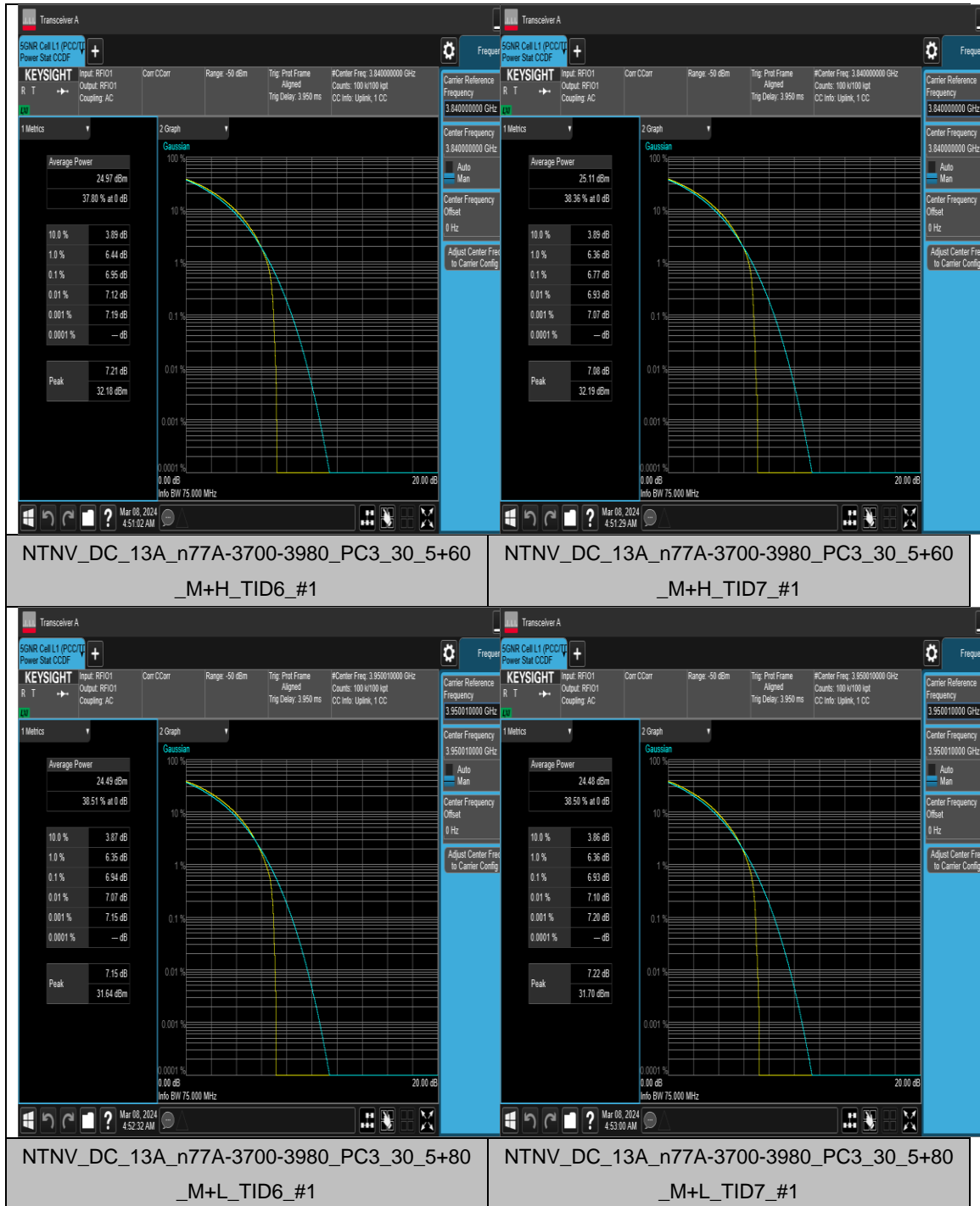


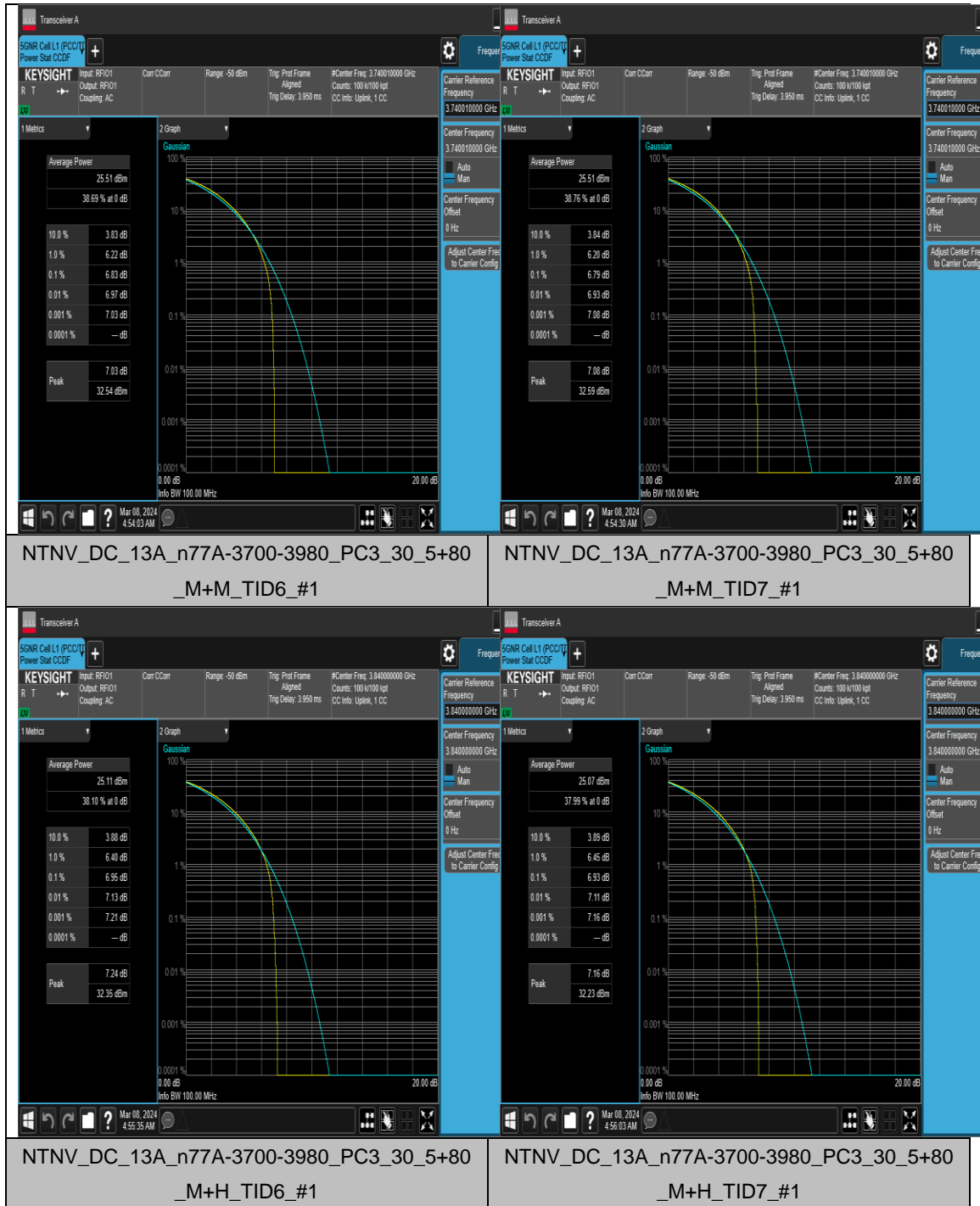


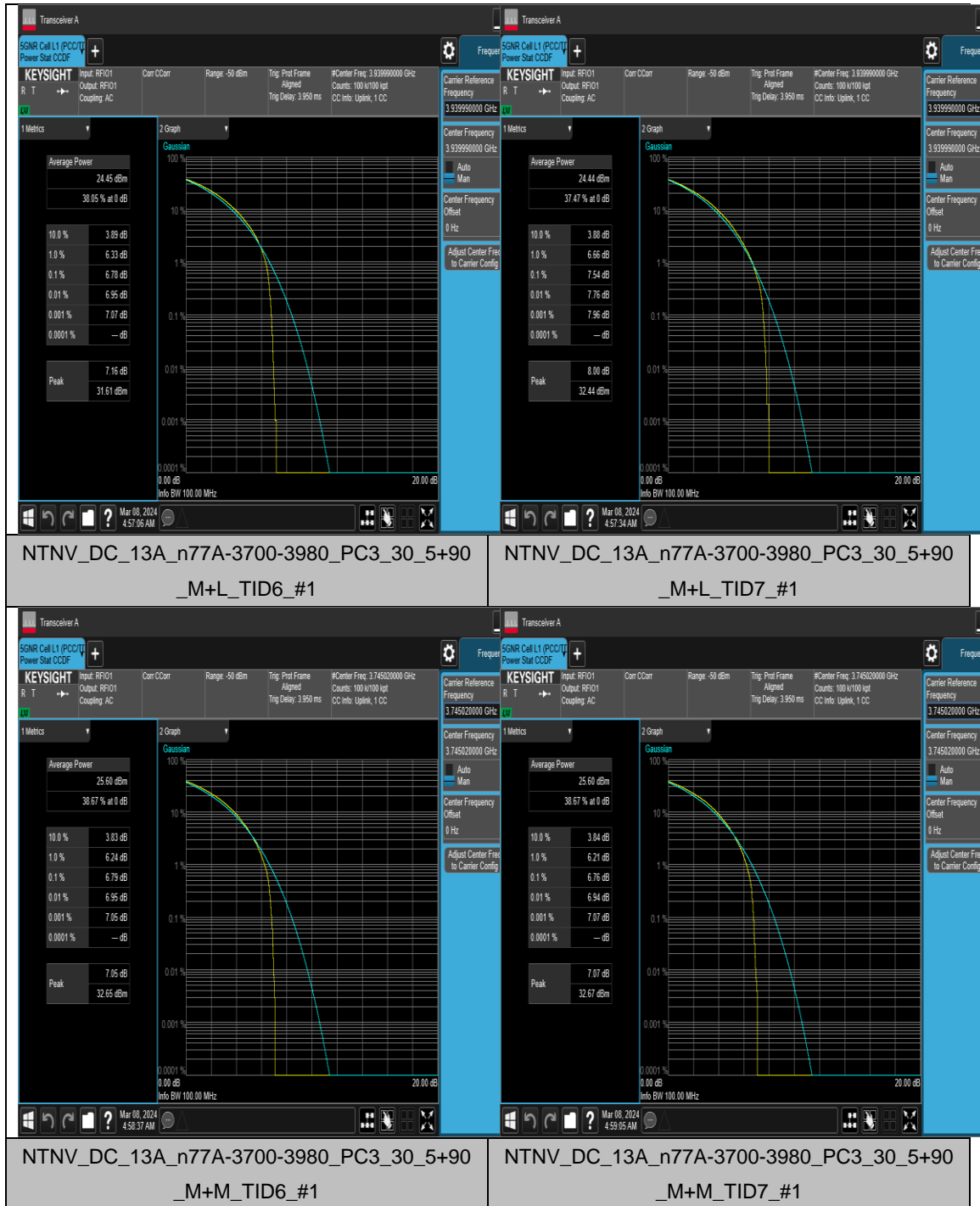


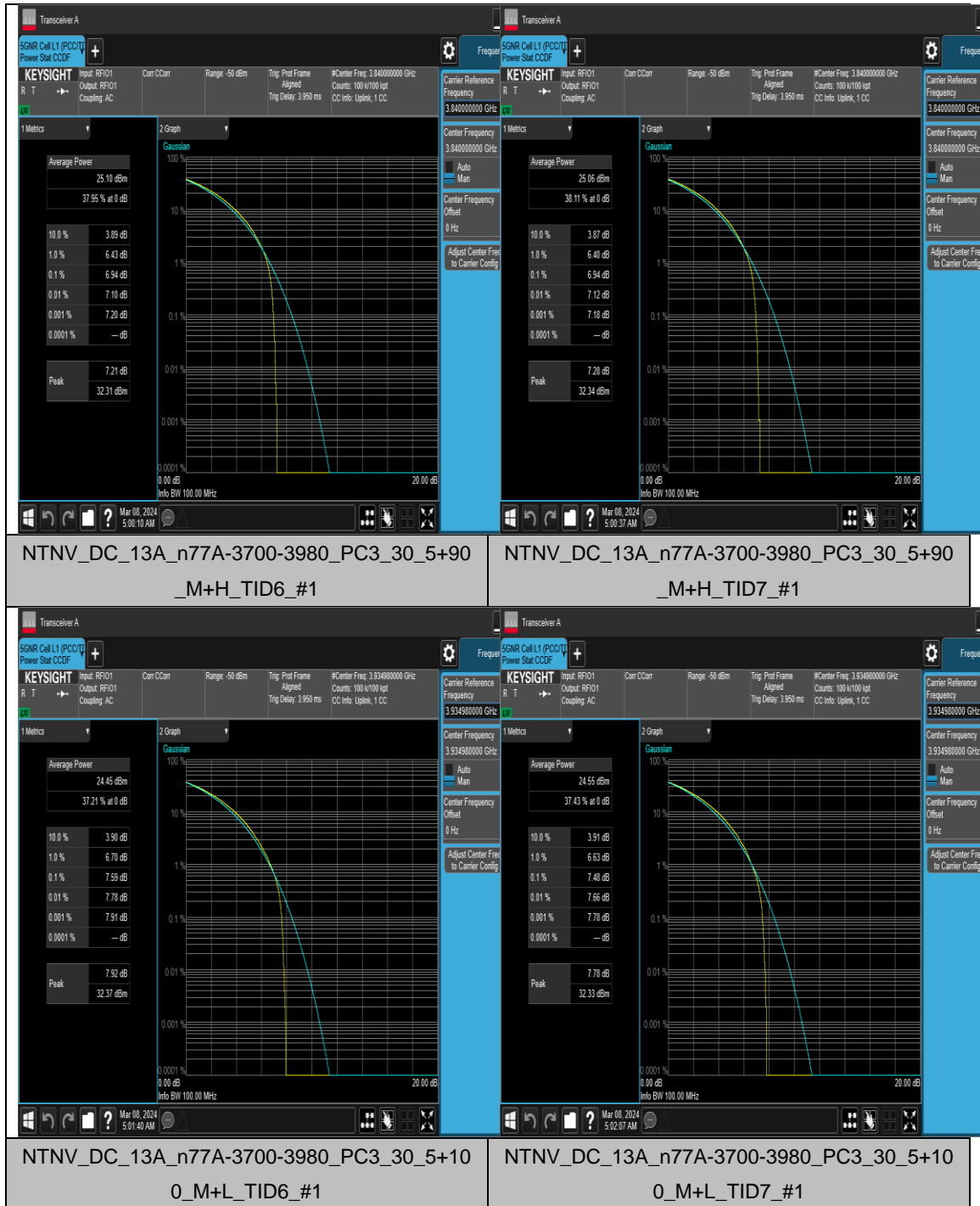


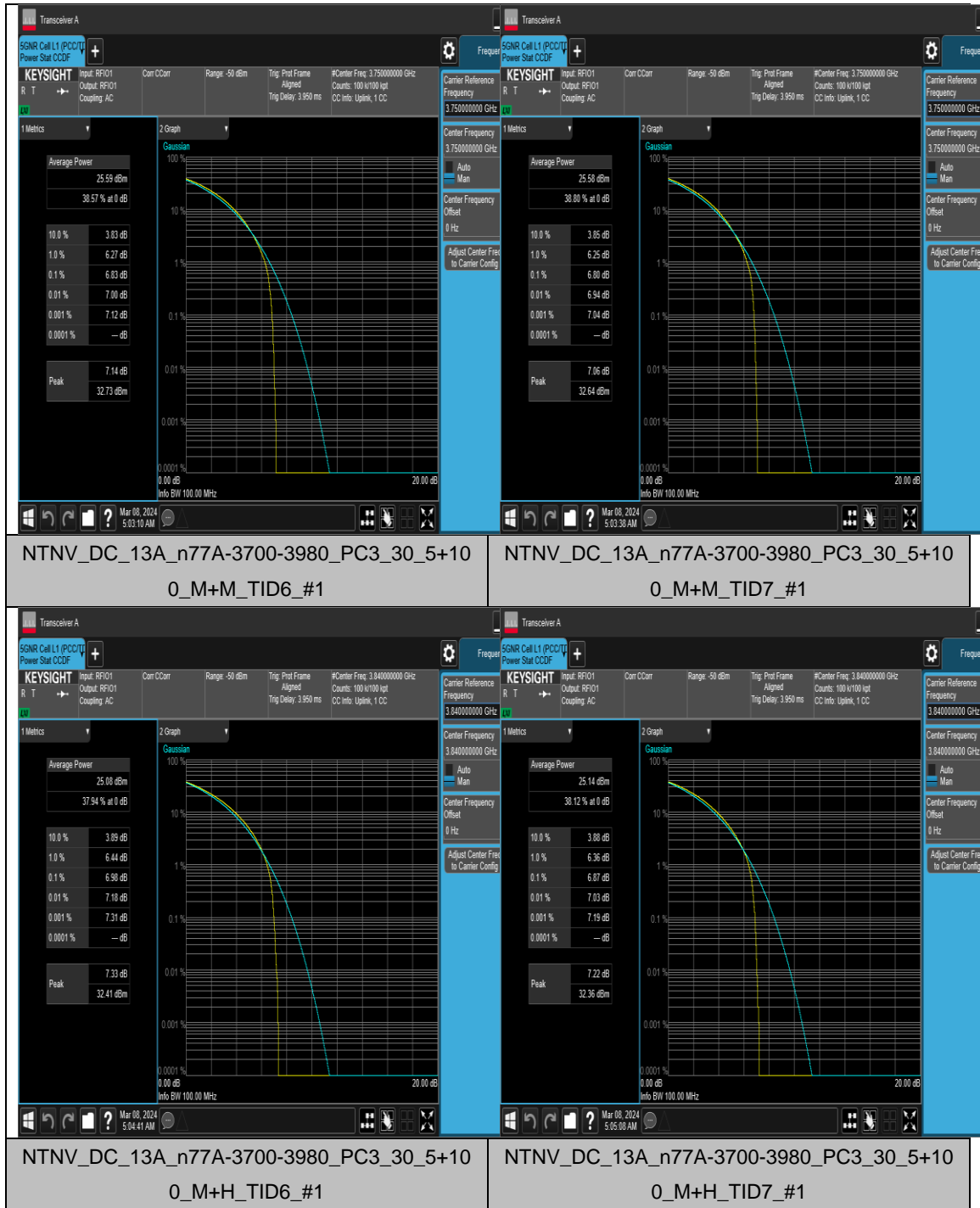




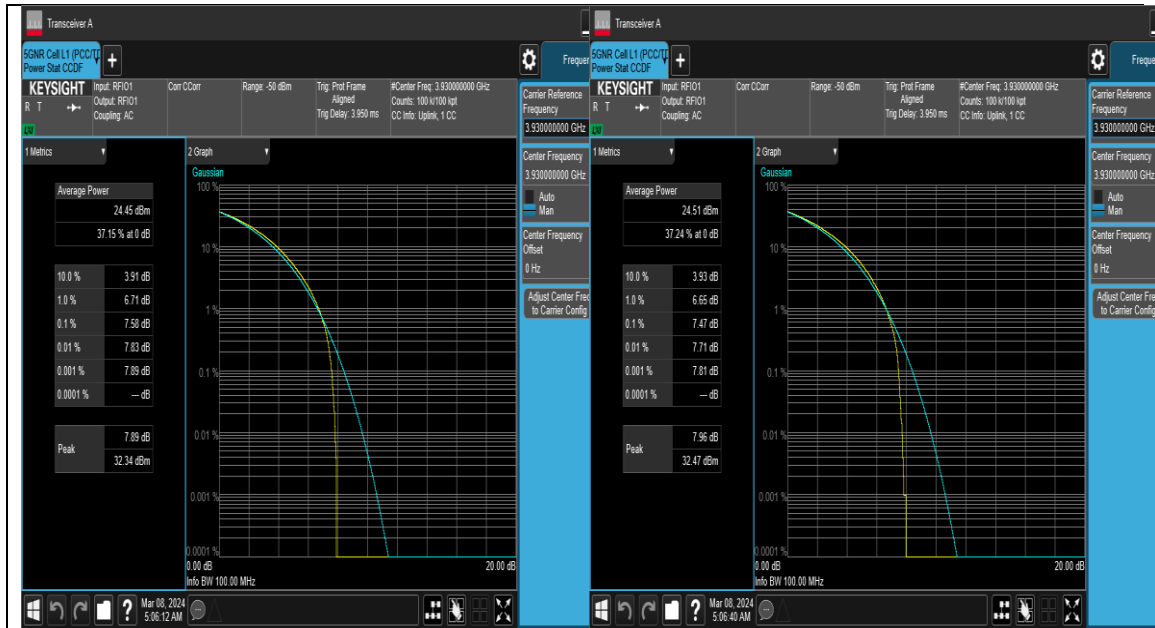












**Appendix C: 26dB Bandwidth and Occupied Bandwidth for****NSA****Test Result**

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	18.228	21.20	PASS
DC_13A_n77A-3700-3 980	30	5+20	CP-16QAM	M+L	Outer_Full	18.238	20.19	PASS
DC_13A_n77A-3700-3 980	30	5+20	CP-QPSK	M+M	Outer_Full	18.200	19.63	PASS
DC_13A_n77A-3700-3 980	30	5+20	CP-16QAM	M+M	Outer_Full	18.217	19.58	PASS
DC_13A_n77A-3700-3 980	30	5+20	CP-QPSK	M+H	Outer_Full	18.229	19.65	PASS
DC_13A_n77A-3700-3 980	30	5+20	CP-16QAM	M+H	Outer_Full	18.229	19.50	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-QPSK	M+L	Outer_Full	37.840	39.71	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-16QAM	M+L	Outer_Full	37.836	39.71	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-QPSK	M+M	Outer_Full	37.744	39.70	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-16QAM	M+M	Outer_Full	37.749	39.54	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-QPSK	M+H	Outer_Full	37.845	39.61	PASS
DC_13A_n77A-3700-3 980	30	5+40	CP-16QAM	M+H	Outer_Full	37.888	39.71	PASS
DC_13A_n77A-3700-3 980	30	5+50	CP-QPSK	M+L	Outer_Full	47.446	49.61	PASS
DC_13A_n77A-3700-3 980	30	5+50	CP-16QAM	M+L	Outer_Full	47.467	49.95	PASS
DC_13A_n77A-3700-3 980	30	5+50	CP-QPSK	M+M	Outer_Full	47.436	49.48	PASS
DC_13A_n77A-3700-3 980	30	5+50	CP-16QAM	M+M	Outer_Full	47.404	67.58	PASS
DC_13A_n77A-3700-3 980	30	5+50	CP-QPSK	M+H	Outer_Full	47.485	49.56	PASS

DC_13A_n77A-3700-3 980	30	5+50	CP-16QAM	M+H	Outer_Full	47.471	49.59	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-QPSK	M+L	Outer_Full	57.859	63.43	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-16QAM	M+L	Outer_Full	57.861	64.30	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-QPSK	M+M	Outer_Full	57.805	60.22	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-16QAM	M+M	Outer_Full	57.810	60.18	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-QPSK	M+H	Outer_Full	57.821	60.15	PASS
DC_13A_n77A-3700-3 980	30	5+60	CP-16QAM	M+H	Outer_Full	57.897	60.30	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-QPSK	M+L	Outer_Full	77.405	80.21	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-16QAM	M+L	Outer_Full	77.480	80.32	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-QPSK	M+M	Outer_Full	77.393	80.28	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-16QAM	M+M	Outer_Full	77.418	80.23	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-QPSK	M+H	Outer_Full	77.392	80.40	PASS
DC_13A_n77A-3700-3 980	30	5+80	CP-16QAM	M+H	Outer_Full	77.367	80.29	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-QPSK	M+L	Outer_Full	87.390	90.54	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-16QAM	M+L	Outer_Full	87.469	90.58	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-QPSK	M+M	Outer_Full	87.370	90.52	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-16QAM	M+M	Outer_Full	87.478	90.48	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-QPSK	M+H	Outer_Full	87.346	98.11	PASS
DC_13A_n77A-3700-3 980	30	5+90	CP-16QAM	M+H	Outer_Full	87.408	90.48	PASS
DC_13A_n77A-3700-3 980	30	5+100	CP-QPSK	M+L	Outer_Full	97.460	100.8	PASS
DC_13A_n77A-3700-3 980	30	5+100	CP-16QAM	M+L	Outer_Full	97.339	100.8	PASS
DC_13A_n77A-3700-3	30	5+100	CP-QPSK	M+M	Outer_Full	97.466	100.8	PASS

980								
DC_13A_n77A-3700-3 980	30	5+100	CP-16QAM	M+M	Outer_Full	97.364	100.8	PASS
DC_13A_n77A-3700-3 980	30	5+100	CP-QPSK	M+H	Outer_Full	97.374	100.7	PASS
DC_13A_n77A-3700-3 980	30	5+100	CP-16QAM	M+H	Outer_Full	97.380	100.7	PASS

### Test Graphs

