

Appendix A: Effective (Isotropic) Radiated Power Output Data

for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Power Class	Limit	Verdict
N77- 3450- 3550	30	10	DFT- PI2BPSK	L	Outer_Full	23.05	24.82	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- PI2BPSK	L	Inner_Full	23.54	25.31	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- PI2BPSK	L	Edge_1RB_Left	22.93	24.70	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- PI2BPSK	L	Edge_1RB_Right	22.93	24.70	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- QPSK	L	Outer_Full	22.51	24.28	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- QPSK	L	Inner_Full	23.54	25.31	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- QPSK	L	Edge_1RB_Left	22.43	24.20	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- QPSK	L	Edge_1RB_Right	22.36	24.13	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- 16QAM	L	Outer_Full	21.56	23.33	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- 16QAM	L	Inner_Full	22.64	24.41	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- 16QAM	L	Edge_1RB_Left	21.61	23.38	PC3	-100~30	PASS
N77-	30	10	DFT-	L	Edge_1RB_Right	21.95	23.72	PC3	-100~30	PASS

3450-3550			16QAM							
N77-3450-3550	30	10	DFT-64QAM	L	Outer_Full	21.01	22.78	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_Full	21.01	22.78	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Edge_1RB_Left	21.12	22.89	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Edge_1RB_Right	21	22.77	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Outer_Full	19.18	20.95	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_Full	19.24	21.01	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Edge_1RB_Left	19.48	21.25	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Edge_1RB_Right	19.59	21.36	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	23.3	25.07	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_Full	23.81	25.58	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Edge_1RB_Left	23.25	25.02	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Edge_1RB_Right	23.2	24.97	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	22.82	24.59	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_Full	23.83	25.60	PC3	-100~30	PASS

N77-3450-3550	30	10	DFT-QPSK	M	Edge_1RB_Left	22.71	24.48	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Edge_1RB_Right	22.68	24.45	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	21.85	23.62	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_Full	22.96	24.73	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Edge_1RB_Left	22.04	23.81	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Edge_1RB_Right	22.04	23.81	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	21.35	23.12	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Inner_Full	21.36	23.13	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Edge_1RB_Left	21.41	23.18	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Edge_1RB_Right	21.33	23.10	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	19.31	21.08	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Inner_Full	19.3	21.07	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Edge_1RB_Left	19.23	21.00	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Edge_1RB_Right	19.22	20.99	PC3	-100~30	PASS
N77-3450-	30	10	DFT-PI2BPSK	H	Outer_Full	22.9	24.67	PC3	-100~30	PASS

3550										
N77- 3450- 3550	30	10	DFT- PI2BPSK	H	Inner_Full	23.41	25.18	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- PI2BPSK	H	Edge_1RB_Left	22.76	24.53	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- PI2BPSK	H	Edge_1RB_Right	23	24.77	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- QPSK	H	Outer_Full	22.45	24.22	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- QPSK	H	Inner_Full	23.43	25.20	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- QPSK	H	Edge_1RB_Left	22.28	24.05	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- QPSK	H	Edge_1RB_Right	22.46	24.23	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- 16QAM	H	Outer_Full	21.44	23.21	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- 16QAM	H	Inner_Full	22.46	24.23	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- 16QAM	H	Edge_1RB_Left	21.7	23.47	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- 16QAM	H	Edge_1RB_Right	21.92	23.69	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- 64QAM	H	Outer_Full	20.95	22.72	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- 64QAM	H	Inner_Full	20.88	22.65	PC3	-100~30	PASS
N77- 3450- 3550	30	10	DFT- 64QAM	H	Edge_1RB_Left	21.02	22.79	PC3	-100~30	PASS
N77-	30	10	DFT-	H	Edge_1RB_Right	21.2	22.97	PC3	-100~30	PASS

3450-3550			64QAM							
N77-3450-3550	30	10	DFT-256QAM	H	Outer_Full	18.97	20.74	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Inner_Full	18.95	20.72	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Edge_1RB_Left	18.78	20.55	PC3	-100~30	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Edge_1RB_Right	19.22	20.99	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Outer_Full	23.07	24.84	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_Full	23.54	25.31	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Edge_1RB_Left	22.91	24.68	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Edge_1RB_Right	22.92	24.69	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	22.53	24.30	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Inner_Full	23.49	25.26	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Edge_1RB_Left	22.42	24.19	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Edge_1RB_Right	22.46	24.23	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Outer_Full	21.56	23.33	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_Full	22.56	24.33	PC3	-100~30	PASS

N77-3450-3550	30	15	DFT-16QAM	L	Edge_1RB_Left	21.73	23.50	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Edge_1RB_Right	21.37	23.14	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Outer_Full	21.08	22.85	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Inner_Full	20.96	22.73	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Edge_1RB_Left	20.95	22.72	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Edge_1RB_Right	20.97	22.74	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Outer_Full	19.24	21.01	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Inner_Full	19.13	20.90	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Edge_1RB_Left	19.28	21.05	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Edge_1RB_Right	19.33	21.10	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	23.29	25.06	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Inner_Full	23.73	25.50	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Edge_1RB_Left	23.27	25.04	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Edge_1RB_Right	23.22	24.99	PC3	-100~30	PASS
N77-3450-	30	15	DFT-QPSK	M	Outer_Full	22.71	24.48	PC3	-100~30	PASS

3550										
N77-3450-3550	30	15	DFT-QPSK	M	Inner_Full	23.77	25.54	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Edge_1RB_Left	22.7	24.47	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Edge_1RB_Right	22.68	24.45	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	21.75	23.52	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Inner_Full	22.76	24.53	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Edge_1RB_Left	21.57	23.34	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Edge_1RB_Right	21.71	23.48	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Outer_Full	21.28	23.05	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Inner_Full	21.25	23.02	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Edge_1RB_Left	21.36	23.13	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Edge_1RB_Right	21.79	23.56	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Outer_Full	19.22	20.99	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Inner_Full	19.3	21.07	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Edge_1RB_Left	19.17	20.94	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Edge_1RB_Right	19.29	21.06	PC3	-100~30	PASS

3450-3550			256QAM							
N77-3450-3550	30	15	DFT-PI2BPSK	H	Outer_Full	22.91	24.68	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Inner_Full	23.35	25.12	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Edge_1RB_Left	22.75	24.52	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Edge_1RB_Right	22.86	24.63	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	22.42	24.19	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Inner_Full	23.34	25.11	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Edge_1RB_Left	22.2	23.97	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Edge_1RB_Right	22.33	24.10	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Outer_Full	21.44	23.21	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Inner_Full	22.36	24.13	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Edge_1RB_Left	21.27	23.04	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Edge_1RB_Right	21.38	23.15	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Outer_Full	20.9	22.67	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Inner_Full	20.91	22.68	PC3	-100~30	PASS

N77-3450-3550	30	15	DFT-64QAM	H	Edge_1RB_Left	20.8	22.57	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Edge_1RB_Right	20.95	22.72	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Outer_Full	18.81	20.58	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Inner_Full	18.84	20.61	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Edge_1RB_Left	18.76	20.53	PC3	-100~30	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Edge_1RB_Right	18.98	20.75	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	22.96	24.73	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Inner_Full	23.53	25.30	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Edge_1RB_Left	22.85	24.62	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Edge_1RB_Right	22.93	24.70	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	22.51	24.28	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Inner_Full	23.54	25.31	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Left	22.33	24.10	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Edge_1RB_Right	22.44	24.21	PC3	-100~30	PASS
N77-3450-	30	20	DFT-16QAM	L	Outer_Full	21.52	23.29	PC3	-100~30	PASS

3550										
N77- 3450- 3550	30	20	DFT- 16QAM	L	Inner_Full	22.57	24.34	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- 16QAM	L	Edge_1RB_Left	21.41	23.18	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- 16QAM	L	Edge_1RB_Right	21.51	23.28	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- 64QAM	L	Outer_Full	21	22.77	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- 64QAM	L	Inner_Full	21.07	22.84	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- 64QAM	L	Edge_1RB_Left	20.7	22.47	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- 64QAM	L	Edge_1RB_Right	21.13	22.90	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- 256QAM	L	Outer_Full	19.09	20.86	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- 256QAM	L	Inner_Full	19.16	20.93	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- 256QAM	L	Edge_1RB_Left	19.02	20.79	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- 256QAM	L	Edge_1RB_Right	19.14	20.91	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- PI2BPSK	M	Outer_Full	23.27	25.04	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- PI2BPSK	M	Inner_Full	23.73	25.50	PC3	-100~30	PASS
N77- 3450- 3550	30	20	DFT- PI2BPSK	M	Edge_1RB_Left	23.21	24.98	PC3	-100~30	PASS
N77-	30	20	DFT-	M	Edge_1RB_Right	23.17	24.94	PC3	-100~30	PASS

3450-3550			PI2BPSK							
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	22.72	24.49	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Inner_Full	23.76	25.53	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Left	22.66	24.43	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Edge_1RB_Right	22.58	24.35	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	21.79	23.56	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Inner_Full	22.74	24.51	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Edge_1RB_Left	21.86	23.63	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Edge_1RB_Right	21.73	23.50	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	21.27	23.04	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Inner_Full	21.28	23.05	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Edge_1RB_Left	21.44	23.21	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Edge_1RB_Right	21.45	23.22	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	19.27	21.04	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Inner_Full	19.2	20.97	PC3	-100~30	PASS

N77-3450-3550	30	20	DFT-256QAM	M	Edge_1RB_Left	19.23	21.00	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-256QAM	M	Edge_1RB_Right	19.24	21.01	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Outer_Full	22.78	24.55	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Inner_Full	23.27	25.04	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Edge_1RB_Left	22.69	24.46	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Edge_1RB_Right	22.73	24.50	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	22.34	24.11	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Inner_Full	23.32	25.09	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Left	22.12	23.89	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Edge_1RB_Right	22.25	24.02	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Outer_Full	21.33	23.10	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Inner_Full	22.35	24.12	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Edge_1RB_Left	21.36	23.13	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Edge_1RB_Right	21.16	22.93	PC3	-100~30	PASS
N77-3450-	30	20	DFT-64QAM	H	Outer_Full	20.78	22.55	PC3	-100~30	PASS

3550										
N77-3450-3550	30	20	DFT-64QAM	H	Inner_Full	20.75	22.52	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Edge_1RB_Left	20.94	22.71	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Edge_1RB_Right	20.93	22.70	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Outer_Full	18.8	20.57	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Inner_Full	18.76	20.53	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Edge_1RB_Left	18.84	20.61	PC3	-100~30	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Edge_1RB_Right	19.09	20.86	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Outer_Full	23.09	24.86	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Inner_Full	23.62	25.39	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Edge_1RB_Left	22.82	24.59	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Edge_1RB_Right	23.16	24.93	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	22.63	24.40	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Inner_Full	23.59	25.36	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Edge_1RB_Left	22.37	24.14	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Edge_1RB_Right	22.66	24.43	PC3	-100~30	PASS

3450-3550			QPSK							
N77-3450-3550	30	25	DFT-16QAM	L	Outer_Full	21.6	23.37	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Inner_Full	22.54	24.31	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Edge_1RB_Left	21.3	23.07	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Edge_1RB_Right	21.72	23.49	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Outer_Full	21.1	22.87	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Inner_Full	21.08	22.85	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Edge_1RB_Left	21.27	23.04	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Edge_1RB_Right	21.13	22.90	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Outer_Full	19.14	20.91	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Inner_Full	19.25	21.02	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Edge_1RB_Left	19.49	21.26	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Edge_1RB_Right	19.79	21.56	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Outer_Full	23.28	25.05	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Inner_Full	23.8	25.57	PC3	-100~30	PASS

N77-3450-3550	30	25	DFT-PI2BPSK	M	Edge_1RB_Left	23.16	24.93	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Edge_1RB_Right	23.17	24.94	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	22.8	24.57	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Inner_Full	23.79	25.56	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Edge_1RB_Left	22.68	24.45	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Edge_1RB_Right	22.63	24.40	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Outer_Full	21.81	23.58	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Inner_Full	22.83	24.60	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Edge_1RB_Left	22	23.77	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Edge_1RB_Right	21.9	23.67	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Outer_Full	21.31	23.08	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Inner_Full	21.33	23.10	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Edge_1RB_Left	21.47	23.24	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Edge_1RB_Right	21.42	23.19	PC3	-100~30	PASS
N77-3450-	30	25	DFT-256QAM	M	Outer_Full	19.28	21.05	PC3	-100~30	PASS

3550										
N77- 3450- 3550	30	25	DFT- 256QAM	M	Inner_Full	19.32	21.09	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- 256QAM	M	Edge_1RB_Left	19.42	21.19	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- 256QAM	M	Edge_1RB_Right	19.37	21.14	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- PI2BPSK	H	Outer_Full	22.88	24.65	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- PI2BPSK	H	Inner_Full	23.32	25.09	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- PI2BPSK	H	Edge_1RB_Left	22.79	24.56	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- PI2BPSK	H	Edge_1RB_Right	22.77	24.54	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- QPSK	H	Outer_Full	22.4	24.17	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- QPSK	H	Inner_Full	23.34	25.11	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- QPSK	H	Edge_1RB_Left	22.42	24.19	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- QPSK	H	Edge_1RB_Right	22.21	23.98	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- 16QAM	H	Outer_Full	21.31	23.08	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- 16QAM	H	Inner_Full	22.38	24.15	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- 16QAM	H	Edge_1RB_Left	21.48	23.25	PC3	-100~30	PASS
N77- 3450- 3550	30	25	DFT- 16QAM	H	Edge_1RB_Right	21.41	23.18	PC3	-100~30	PASS

3450-3550			16QAM							
N77-3450-3550	30	25	DFT-64QAM	H	Outer_Full	20.9	22.67	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Inner_Full	20.91	22.68	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Edge_1RB_Left	20.61	22.38	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Edge_1RB_Right	20.68	22.45	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Outer_Full	18.9	20.67	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Inner_Full	18.89	20.66	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Edge_1RB_Left	19.02	20.79	PC3	-100~30	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Edge_1RB_Right	18.82	20.59	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	23.14	24.91	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_Full	23.62	25.39	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Edge_1RB_Left	22.77	24.54	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Edge_1RB_Right	23.16	24.93	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	22.62	24.39	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_Full	23.59	25.36	PC3	-100~30	PASS

N77-3450-3550	30	30	DFT-QPSK	L	Edge_1RB_Left	22.25	24.02	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Edge_1RB_Right	22.59	24.36	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Outer_Full	21.63	23.40	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_Full	22.6	24.37	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Edge_1RB_Left	21.27	23.04	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Edge_1RB_Right	21.98	23.75	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Outer_Full	21.13	22.90	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_Full	21.2	22.97	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Edge_1RB_Left	20.84	22.61	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Edge_1RB_Right	21.21	22.98	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Outer_Full	19.24	21.01	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Inner_Full	19.36	21.13	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Edge_1RB_Left	19.08	20.85	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Edge_1RB_Right	19.45	21.22	PC3	-100~30	PASS
N77-3450-	30	30	DFT-PI2BPSK	M	Outer_Full	23.3	25.07	PC3	-100~30	PASS

3550										
N77-3450-3550	30	30	DFT-PI2BPSK	M	Inner_Full	23.79	25.56	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Edge_1RB_Left	23.16	24.93	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Edge_1RB_Right	23.03	24.80	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	22.82	24.59	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Inner_Full	23.73	25.50	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Edge_1RB_Left	22.66	24.43	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Edge_1RB_Right	22.55	24.32	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	21.8	23.57	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Inner_Full	22.77	24.54	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Edge_1RB_Left	21.46	23.23	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Edge_1RB_Right	21.36	23.13	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Outer_Full	21.38	23.15	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Inner_Full	21.28	23.05	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Edge_1RB_Left	21.05	22.82	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Edge_1RB_Right	20.83	22.60	PC3	-100~30	PASS

3450-3550			64QAM							
N77-3450-3550	30	30	DFT-256QAM	M	Outer_Full	19.3	21.07	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Inner_Full	19.24	21.01	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Edge_1RB_Left	19.3	21.07	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Edge_1RB_Right	19.27	21.04	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	22.86	24.63	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_Full	23.41	25.18	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Edge_1RB_Left	22.91	24.68	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Edge_1RB_Right	22.63	24.40	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	22.39	24.16	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_Full	23.35	25.12	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Edge_1RB_Left	22.35	24.12	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Edge_1RB_Right	22.14	23.91	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Outer_Full	21.36	23.13	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_Full	22.43	24.20	PC3	-100~30	PASS

N77-3450-3550	30	30	DFT-16QAM	H	Edge_1RB_Left	21.75	23.52	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Edge_1RB_Right	21.46	23.23	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Outer_Full	20.91	22.68	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_Full	20.93	22.70	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Edge_1RB_Left	21.13	22.90	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Edge_1RB_Right	20.84	22.61	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Outer_Full	18.88	20.65	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_Full	18.87	20.64	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Edge_1RB_Left	19.08	20.85	PC3	-100~30	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Edge_1RB_Right	18.69	20.46	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	23.14	24.91	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_Full	23.71	25.48	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Edge_1RB_Left	22.48	24.25	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Edge_1RB_Right	22.71	24.48	PC3	-100~30	PASS
N77-3450-	30	40	DFT-QPSK	L	Outer_Full	22.62	24.39	PC3	-100~30	PASS

3550										
N77-3450-3550	30	40	DFT-QPSK	L	Inner_Full	23.65	25.42	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Edge_1RB_Left	21.89	23.66	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Edge_1RB_Right	22.2	23.97	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	21.64	23.41	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_Full	22.7	24.47	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Edge_1RB_Left	21.05	22.82	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Edge_1RB_Right	21.36	23.13	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	21.09	22.86	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_Full	21.17	22.94	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Edge_1RB_Left	20.33	22.10	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Edge_1RB_Right	20.59	22.36	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Outer_Full	19.22	20.99	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_Full	19.28	21.05	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Edge_1RB_Left	18.4	20.17	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Edge_1RB_Right	18.59	20.36	PC3	-100~30	PASS

3450-3550			256QAM							
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	23.27	25.04	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_Full	23.8	25.57	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Edge_1RB_Left	22.86	24.63	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Edge_1RB_Right	22.71	24.48	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	22.76	24.53	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_Full	23.82	25.59	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Edge_1RB_Left	22.38	24.15	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Edge_1RB_Right	22.25	24.02	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	21.78	23.55	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_Full	22.83	24.60	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Edge_1RB_Left	21.34	23.11	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Edge_1RB_Right	21.16	22.93	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	21.24	23.01	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_Full	21.36	23.13	PC3	-100~30	PASS

N77-3450-3550	30	40	DFT-64QAM	M	Edge_1RB_Left	21.12	22.89	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Edge_1RB_Right	20.9	22.67	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	19.23	21.00	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_Full	19.35	21.12	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Edge_1RB_Left	19	20.77	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Edge_1RB_Right	18.92	20.69	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	23	24.77	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_Full	23.51	25.28	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Edge_1RB_Left	22.67	24.44	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Edge_1RB_Right	22.35	24.12	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	22.48	24.25	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_Full	23.54	25.31	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Edge_1RB_Left	22.21	23.98	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Edge_1RB_Right	21.84	23.61	PC3	-100~30	PASS
N77-3450-	30	40	DFT-16QAM	H	Outer_Full	21.42	23.19	PC3	-100~30	PASS

3550										
N77-3450-3550	30	40	DFT-16QAM	H	Inner_Full	22.53	24.30	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Edge_1RB_Left	21.27	23.04	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Edge_1RB_Right	20.96	22.73	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	21.03	22.80	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_Full	21.02	22.79	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Edge_1RB_Left	20.59	22.36	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Edge_1RB_Right	20.62	22.39	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Outer_Full	19	20.77	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_Full	19.01	20.78	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Edge_1RB_Left	18.8	20.57	PC3	-100~30	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Edge_1RB_Right	18.46	20.23	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	23.23	25.00	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_Full	23.85	25.62	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Edge_1RB_Left	22.72	24.49	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Edge_1RB_Right	22.92	24.69	PC3	-100~30	PASS

3450-3550			PI2BPSK							
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	22.71	24.48	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_Full	23.82	25.59	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Edge_1RB_Left	22.27	24.04	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Edge_1RB_Right	22.46	24.23	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Outer_Full	21.76	23.53	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_Full	22.87	24.64	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Edge_1RB_Left	21.49	23.26	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Edge_1RB_Right	21.66	23.43	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Outer_Full	21.19	22.96	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_Full	21.33	23.10	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Edge_1RB_Left	20.53	22.30	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Edge_1RB_Right	21.11	22.88	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Outer_Full	19.35	21.12	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Inner_Full	19.46	21.23	PC3	-100~30	PASS

N77-3450-3550	30	50	DFT-256QAM	L	Edge_1RB_Left	19.38	21.15	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Edge_1RB_Right	19.35	21.12	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	23.3	25.07	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_Full	23.84	25.61	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Edge_1RB_Left	23.06	24.83	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Edge_1RB_Right	22.87	24.64	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	22.8	24.57	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Inner_Full	23.9	25.67	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Edge_1RB_Left	22.56	24.33	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Edge_1RB_Right	22.34	24.11	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	21.77	23.54	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Inner_Full	22.85	24.62	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Edge_1RB_Left	21.8	23.57	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Edge_1RB_Right	21.54	23.31	PC3	-100~30	PASS
N77-3450-	30	50	DFT-64QAM	M	Outer_Full	21.38	23.15	PC3	-100~30	PASS

3550										
N77- 3450- 3550	30	50	DFT- 64QAM	M	Inner_Full	21.4	23.17	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- 64QAM	M	Edge_1RB_Left	21.31	23.08	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- 64QAM	M	Edge_1RB_Right	21.13	22.90	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- 256QAM	M	Outer_Full	19.33	21.10	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- 256QAM	M	Inner_Full	19.4	21.17	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- 256QAM	M	Edge_1RB_Left	19.3	21.07	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- 256QAM	M	Edge_1RB_Right	19.01	20.78	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- PI2BPSK	H	Outer_Full	23.02	24.79	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- PI2BPSK	H	Inner_Full	23.6	25.37	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- PI2BPSK	H	Edge_1RB_Left	22.83	24.60	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- PI2BPSK	H	Edge_1RB_Right	22.63	24.40	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- QPSK	H	Outer_Full	22.57	24.34	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- QPSK	H	Inner_Full	23.63	25.40	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- QPSK	H	Edge_1RB_Left	22.42	24.19	PC3	-100~30	PASS
N77- 3450- 3550	30	50	DFT- QPSK	H	Edge_1RB_Right	22.14	23.91	PC3	-100~30	PASS

3450-3550			QPSK							
N77-3450-3550	30	50	DFT-16QAM	H	Outer_Full	21.51	23.28	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_Full	22.63	24.40	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Edge_1RB_Left	21.66	23.43	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Edge_1RB_Right	21.42	23.19	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Outer_Full	20.99	22.76	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_Full	21.18	22.95	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Edge_1RB_Left	20.82	22.59	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Edge_1RB_Right	20.62	22.39	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Outer_Full	18.99	20.76	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_Full	19.11	20.88	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Edge_1RB_Left	18.75	20.52	PC3	-100~30	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Edge_1RB_Right	18.76	20.53	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	23.12	24.89	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_Full	23.85	25.62	PC3	-100~30	PASS

N77-3450-3550	30	60	DFT-PI2BPSK	L	Edge_1RB_Left	22.5	24.27	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Edge_1RB_Right	22.79	24.56	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	22.67	24.44	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_Full	23.84	25.61	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Edge_1RB_Left	21.94	23.71	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Edge_1RB_Right	22.32	24.09	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Outer_Full	21.61	23.38	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_Full	22.82	24.59	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Edge_1RB_Left	21.27	23.04	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Edge_1RB_Right	21.56	23.33	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Outer_Full	21.14	22.91	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_Full	21.34	23.11	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Edge_1RB_Left	20.8	22.57	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Edge_1RB_Right	21.03	22.80	PC3	-100~30	PASS
N77-3450-	30	60	DFT-256QAM	L	Outer_Full	19.29	21.06	PC3	-100~30	PASS

3550										
N77- 3450- 3550	30	60	DFT- 256QAM	L	Inner_Full	19.45	21.22	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- 256QAM	L	Edge_1RB_Left	19.24	21.01	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- 256QAM	L	Edge_1RB_Right	19.29	21.06	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- PI2BPSK	M	Outer_Full	23.26	25.03	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- PI2BPSK	M	Inner_Full	23.81	25.58	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- PI2BPSK	M	Edge_1RB_Left	22.72	24.49	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- PI2BPSK	M	Edge_1RB_Right	22.41	24.18	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- QPSK	M	Outer_Full	22.76	24.53	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- QPSK	M	Inner_Full	23.8	25.57	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- QPSK	M	Edge_1RB_Left	22.35	24.12	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- QPSK	M	Edge_1RB_Right	21.94	23.71	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- 16QAM	M	Outer_Full	21.8	23.57	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- 16QAM	M	Inner_Full	22.91	24.68	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- 16QAM	M	Edge_1RB_Left	21.33	23.10	PC3	-100~30	PASS
N77- 3450- 3550	30	60	DFT- 16QAM	M	Edge_1RB_Right	21.02	22.79	PC3	-100~30	PASS

3450-3550			16QAM							
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	21.26	23.03	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_Full	21.33	23.10	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Edge_1RB_Left	20.77	22.54	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Edge_1RB_Right	20.46	22.23	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	19.24	21.01	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_Full	19.35	21.12	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Edge_1RB_Left	19.15	20.92	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Edge_1RB_Right	18.58	20.35	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	23.12	24.89	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_Full	23.73	25.50	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Edge_1RB_Left	22.85	24.62	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Edge_1RB_Right	22.48	24.25	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	22.56	24.33	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_Full	23.77	25.54	PC3	-100~30	PASS

N77-3450-3550	30	60	DFT-QPSK	H	Edge_1RB_Left	22.37	24.14	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Edge_1RB_Right	22.03	23.80	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Outer_Full	21.6	23.37	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_Full	22.78	24.55	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Edge_1RB_Left	21.25	23.02	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Edge_1RB_Right	20.83	22.60	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Outer_Full	21.08	22.85	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_Full	21.26	23.03	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Edge_1RB_Left	21.14	22.91	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Edge_1RB_Right	20.86	22.63	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Outer_Full	19.05	20.82	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_Full	19.26	21.03	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Edge_1RB_Left	19.12	20.89	PC3	-100~30	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Edge_1RB_Right	18.78	20.55	PC3	-100~30	PASS
N77-3450-	30	70	DFT-PI2BPSK	L	Outer_Full	22.89	24.66	PC3	-100~30	PASS

3550										
N77- 3450- 3550	30	70	DFT- PI2BPSK	L	Inner_Full	23.9	25.67	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- PI2BPSK	L	Edge_1RB_Left	22.48	24.25	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- PI2BPSK	L	Edge_1RB_Right	22.74	24.51	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- QPSK	L	Outer_Full	22.38	24.15	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- QPSK	L	Inner_Full	23.95	25.72	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- QPSK	L	Edge_1RB_Left	22.17	23.94	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- QPSK	L	Edge_1RB_Right	23.17	24.94	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- 16QAM	L	Outer_Full	21.43	23.20	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- 16QAM	L	Inner_Full	22.95	24.72	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- 16QAM	L	Edge_1RB_Left	21.27	23.04	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- 16QAM	L	Edge_1RB_Right	22.8	24.57	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- 64QAM	L	Outer_Full	20.9	22.67	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- 64QAM	L	Inner_Full	21.45	23.22	PC3	-100~30	PASS
N77- 3450- 3550	30	70	DFT- 64QAM	L	Edge_1RB_Left	20.71	22.48	PC3	-100~30	PASS
N77-	30	70	DFT-	L	Edge_1RB_Right	21.31	23.08	PC3	-100~30	PASS

3450-3550			64QAM							
N77-3450-3550	30	70	DFT-256QAM	L	Outer_Full	18.9	20.67	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Inner_Full	19.34	21.11	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Edge_1RB_Right	19.03	20.80	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	22.9	24.67	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_Full	23.9	25.67	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Edge_1RB_Left	22.83	24.60	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Edge_1RB_Right	22.8	24.57	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	22.39	24.16	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Inner_Full	23.88	25.65	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Edge_1RB_Right	22.3	24.07	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	21.39	23.16	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Inner_Full	22.85	24.62	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Edge_1RB_Left	21.45	23.22	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Edge_1RB_Right	22.73	24.50	PC3	-100~30	PASS

N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	20.9	22.67	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Inner_Full	21.38	23.15	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Edge_1RB_Left	20.6	22.37	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Edge_1RB_Right	20.82	22.59	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	18.9	20.67	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Inner_Full	19.34	21.11	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Edge_1RB_Right	19.15	20.92	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	22.81	24.58	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_Full	23.82	25.59	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Edge_1RB_Left	22.79	24.56	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Edge_1RB_Right	23.45	25.22	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	22.26	24.03	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Inner_Full	23.79	25.56	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Edge_1RB_Left	22.16	23.93	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Edge_1RB_Right	23.69	25.46	PC3	-100~30	PASS

3550										
N77-3450-3550	30	70	DFT-16QAM	H	Outer_Full	21.32	23.09	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Inner_Full	22.81	24.58	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Edge_1RB_Left	21.25	23.02	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Edge_1RB_Right	22.04	23.81	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Outer_Full	20.78	22.55	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Inner_Full	21.26	23.03	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Edge_1RB_Left	20.63	22.40	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Edge_1RB_Right	21.1	22.87	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Outer_Full	18.78	20.55	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Inner_Full	19.28	21.05	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Edge_1RB_Left	18.29	20.06	PC3	-100~30	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Edge_1RB_Right	18.98	20.75	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	23.18	24.95	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_Full	23.9	25.67	PC3	-100~30	PASS
N77-	30	80	DFT-	L	Edge_1RB_Left	22.43	24.20	PC3	-100~30	PASS

3450-3550			PI2BPSK							
N77-3450-3550	30	80	DFT-PI2BPSK	L	Edge_1RB_Right	22.31	24.08	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	22.71	24.48	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_Full	23.95	25.72	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Edge_1RB_Left	21.99	23.76	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Edge_1RB_Right	21.85	23.62	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	21.72	23.49	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_Full	22.92	24.69	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Edge_1RB_Left	21	22.77	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Edge_1RB_Right	20.94	22.71	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	21.18	22.95	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_Full	21.33	23.10	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Edge_1RB_Left	20.81	22.58	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Edge_1RB_Right	20.7	22.47	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Outer_Full	19.14	20.91	PC3	-100~30	PASS

N77-3450-3550	30	80	DFT-256QAM	L	Inner_Full	19.41	21.18	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Edge_1RB_Left	19.12	20.89	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Edge_1RB_Right	18.67	20.44	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	23.13	24.90	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_Full	23.91	25.68	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Edge_1RB_Left	22.45	24.22	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Edge_1RB_Right	22.12	23.89	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	22.62	24.39	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_Full	23.86	25.63	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Edge_1RB_Left	21.82	23.59	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Edge_1RB_Right	21.58	23.35	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	21.68	23.45	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_Full	22.86	24.63	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Edge_1RB_Left	20.83	22.60	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Edge_1RB_Right	20.63	22.40	PC3	-100~30	PASS

3550										
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	21.16	22.93	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_Full	21.32	23.09	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Edge_1RB_Left	20.85	22.62	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Edge_1RB_Right	20.56	22.33	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	19.14	20.91	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_Full	19.39	21.16	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Edge_1RB_Left	18.97	20.74	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Edge_1RB_Right	18.3	20.07	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	23.14	24.91	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_Full	23.79	25.56	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Edge_1RB_Left	22.68	24.45	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Edge_1RB_Right	22.33	24.10	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	22.61	24.38	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_Full	23.82	25.59	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Edge_1RB_Left	22.1	23.87	PC3	-100~30	PASS

3450-3550			QPSK							
N77-3450-3550	30	80	DFT-QPSK	H	Edge_1RB_Right	21.73	23.50	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Outer_Full	21.62	23.39	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_Full	22.8	24.57	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Edge_1RB_Left	21.5	23.27	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Edge_1RB_Right	21.18	22.95	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Outer_Full	21.14	22.91	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Inner_Full	21.37	23.14	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Edge_1RB_Left	20.37	22.14	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Edge_1RB_Right	20.15	21.92	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Outer_Full	19.08	20.85	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_Full	19.31	21.08	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Edge_1RB_Left	18.9	20.67	PC3	-100~30	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Edge_1RB_Right	18.48	20.25	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	23.12	24.89	PC3	-100~30	PASS

N77-3450-3550	30	90	DFT-PI2BPSK	L	Inner_Full	23.9	25.67	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Edge_1RB_Left	22.27	24.04	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Edge_1RB_Right	22.03	23.80	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	22.66	24.43	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Inner_Full	23.94	25.71	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Edge_1RB_Left	21.77	23.54	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Edge_1RB_Right	21.49	23.26	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Outer_Full	21.62	23.39	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Inner_Full	22.84	24.61	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Edge_1RB_Left	20.71	22.48	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Edge_1RB_Right	20.32	22.09	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Outer_Full	21.13	22.90	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Inner_Full	21.44	23.21	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Edge_1RB_Right	19.6	21.37	PC3	-100~30	PASS
N77-3450-	30	90	DFT-256QAM	L	Inner_Full	19.36	21.13	PC3	-100~30	PASS

3550										
N77- 3450- 3550	30	90	DFT- 256QAM	L	Edge_1RB_Left	18.74	20.51	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- 256QAM	L	Edge_1RB_Right	18.08	19.85	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- PI2BPSK	M	Outer_Full	23.11	24.88	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- PI2BPSK	M	Inner_Full	23.9	25.67	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- PI2BPSK	M	Edge_1RB_Left	22.16	23.93	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- PI2BPSK	M	Edge_1RB_Right	22.04	23.81	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- QPSK	M	Outer_Full	22.62	24.39	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- QPSK	M	Inner_Full	23.89	25.66	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- QPSK	M	Edge_1RB_Left	21.69	23.46	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- QPSK	M	Edge_1RB_Right	21.5	23.27	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- 16QAM	M	Outer_Full	21.62	23.39	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- 16QAM	M	Inner_Full	22.84	24.61	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- 16QAM	M	Edge_1RB_Left	20.72	22.49	PC3	-100~30	PASS
N77- 3450- 3550	30	90	DFT- 16QAM	M	Edge_1RB_Right	20.53	22.30	PC3	-100~30	PASS
N77-	30	90	DFT-	M	Outer_Full	21.12	22.89	PC3	-100~30	PASS

3450-3550			64QAM							
N77-3450-3550	30	90	DFT-64QAM	M	Inner_Full	21.34	23.11	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Edge_1RB_Left	20.35	22.12	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Edge_1RB_Right	20.39	22.16	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	19.05	20.82	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_Full	19.34	21.11	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Edge_1RB_Left	18.57	20.34	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Edge_1RB_Right	18.19	19.96	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	23.06	24.83	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_Full	23.85	25.62	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Edge_1RB_Left	22.26	24.03	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Edge_1RB_Right	22.17	23.94	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	22.59	24.36	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_Full	23.83	25.60	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Edge_1RB_Left	21.78	23.55	PC3	-100~30	PASS

N77-3450-3550	30	90	DFT-QPSK	H	Edge_1RB_Right	21.63	23.40	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Outer_Full	21.54	23.31	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Inner_Full	22.9	24.67	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Edge_1RB_Left	20.89	22.66	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Edge_1RB_Right	20.83	22.60	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Outer_Full	21.09	22.86	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Inner_Full	21.41	23.18	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Edge_1RB_Left	20.48	22.25	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Edge_1RB_Right	20.39	22.16	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Outer_Full	19.05	20.82	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Inner_Full	19.34	21.11	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Edge_1RB_Left	18.62	20.39	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Edge_1RB_Right	18.19	19.96	PC3	-100~30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	22.94	24.71	PC3	-100~30	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Inner_Full	23.77	25.54	PC3	-100~30	PASS

3550										
N77- 3450- 3550	30	100	DFT- PI2BPSK	M	Edge_1RB_Left	21.8	23.57	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- PI2BPSK	M	Edge_1RB_Right	21.74	23.51	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- QPSK	M	Outer_Full	22.46	24.23	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- QPSK	M	Inner_Full	23.97	25.74	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- QPSK	M	Edge_1RB_Left	21.32	23.09	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- QPSK	M	Edge_1RB_Right	21.27	23.04	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- 16QAM	M	Outer_Full	21.48	23.25	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- 16QAM	M	Inner_Full	22.84	24.61	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- 16QAM	M	Edge_1RB_Left	20.61	22.38	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- 16QAM	M	Edge_1RB_Right	20.33	22.10	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- 64QAM	M	Outer_Full	20.92	22.69	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- 64QAM	M	Inner_Full	21.32	23.09	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- 64QAM	M	Edge_1RB_Left	19.66	21.43	PC3	-100~30	PASS
N77- 3450- 3550	30	100	DFT- 64QAM	M	Edge_1RB_Right	19.58	21.35	PC3	-100~30	PASS
N77-	30	100	DFT-	M	Outer_Full	18.89	20.66	PC3	-100~30	PASS

3450-3550			256QAM							
N77-3450-3550	30	100	DFT-256QAM	M	Inner_Full	19.31	21.08	PC3	-100~30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Edge_1RB_Left	18.66	20.43	PC3	-100~30	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Edge_1RB_Right	18.19	19.96	PC3	-100~30	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Outer_Full	19.09	20.86	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	21.93	23.70	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Inner_Full	22.46	24.23	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Edge_1RB_Left	21.84	23.61	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Edge_1RB_Right	21.93	23.70	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	21.24	23.01	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Inner_Full	22.35	24.12	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Edge_1RB_Left	21.16	22.93	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Edge_1RB_Right	21.22	22.99	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	20.36	22.13	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_Full	21.35	23.12	PC3	-100~30	PASS

N77-3700-3980	30	10	DFT-16QAM	L	Edge_1RB_Left	20.39	22.16	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Edge_1RB_Right	20.37	22.14	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	19.79	21.56	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Inner_Full	19.87	21.64	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Edge_1RB_Left	19.88	21.65	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Edge_1RB_Right	19.99	21.76	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	17.72	19.49	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Inner_Full	17.77	19.54	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Edge_1RB_Left	17.52	19.29	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Edge_1RB_Right	17.53	19.30	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	22.42	24.19	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Inner_Full	22.96	24.73	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Edge_1RB_Left	22.33	24.10	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Edge_1RB_Right	22.34	24.11	PC3	-100~30	PASS
N77-3700-	30	10	DFT-QPSK	M	Outer_Full	21.97	23.74	PC3	-100~30	PASS

3980										
N77-3700-3980	30	10	DFT-QPSK	M	Inner_Full	22.9	24.67	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Edge_1RB_Left	21.78	23.55	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Edge_1RB_Right	21.81	23.58	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	20.95	22.72	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_Full	21.96	23.73	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Edge_1RB_Left	21.02	22.79	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Edge_1RB_Right	21.06	22.83	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	20.32	22.09	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Inner_Full	20.35	22.12	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Edge_1RB_Left	20.36	22.13	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Edge_1RB_Right	20.44	22.21	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	18.31	20.08	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Inner_Full	18.23	20.00	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Edge_1RB_Left	18.49	20.26	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Edge_1RB_Right	18.73	20.50	PC3	-100~30	PASS

3700-3980			256QAM							
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	22.89	24.66	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Inner_Full	23.41	25.18	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Edge_1RB_Left	22.72	24.49	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Edge_1RB_Right	22.89	24.66	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	22.44	24.21	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_Full	23.37	25.14	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Edge_1RB_Left	22.21	23.98	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Edge_1RB_Right	22.39	24.16	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	21.46	23.23	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_Full	22.45	24.22	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Edge_1RB_Left	21.4	23.17	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Edge_1RB_Right	21.3	23.07	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	20.88	22.65	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Inner_Full	21	22.77	PC3	-100~30	PASS

N77-3700-3980	30	10	DFT-64QAM	H	Edge_1RB_Left	20.83	22.60	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Edge_1RB_Right	20.6	22.37	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	18.93	20.70	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Inner_Full	18.89	20.66	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Edge_1RB_Left	18.71	20.48	PC3	-100~30	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Edge_1RB_Right	18.91	20.68	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	21.82	23.59	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Inner_Full	22.32	24.09	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Edge_1RB_Left	21.58	23.35	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Edge_1RB_Right	21.84	23.61	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	21.32	23.09	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_Full	22.27	24.04	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Edge_1RB_Left	20.99	22.76	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Edge_1RB_Right	21.21	22.98	PC3	-100~30	PASS
N77-3700-	30	15	DFT-16QAM	L	Outer_Full	20.39	22.16	PC3	-100~30	PASS

3980										
N77-3700-3980	30	15	DFT-16QAM	L	Inner_Full	21.35	23.12	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Edge_1RB_Left	20.07	21.84	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Edge_1RB_Right	20.27	22.04	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	19.78	21.55	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Inner_Full	19.77	21.54	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Edge_1RB_Left	19.53	21.30	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Edge_1RB_Right	19.81	21.58	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	17.81	19.58	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Inner_Full	17.81	19.58	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Edge_1RB_Left	17.67	19.44	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Edge_1RB_Right	17.78	19.55	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	22.28	24.05	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Inner_Full	22.75	24.52	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Edge_1RB_Left	22.08	23.85	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Edge_1RB_Right	22.21	23.98	PC3	-100~30	PASS

3700-3980			PI2BPSK							
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	21.74	23.51	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_Full	22.68	24.45	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Edge_1RB_Left	21.57	23.34	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Edge_1RB_Right	21.67	23.44	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	20.78	22.55	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_Full	21.77	23.54	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Edge_1RB_Left	20.76	22.53	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Edge_1RB_Right	20.58	22.35	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	20.27	22.04	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Inner_Full	20.19	21.96	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Edge_1RB_Left	20.01	21.78	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Edge_1RB_Right	20.08	21.85	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	18.2	19.97	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Inner_Full	18.3	20.07	PC3	-100~30	PASS

N77-3700-3980	30	15	DFT-256QAM	M	Edge_1RB_Left	18.34	20.11	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Edge_1RB_Right	18.43	20.20	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	22.69	24.46	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Inner_Full	23.22	24.99	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Edge_1RB_Left	22.43	24.20	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Edge_1RB_Right	22.64	24.41	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	22.21	23.98	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_Full	23.21	24.98	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Edge_1RB_Left	21.88	23.65	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Edge_1RB_Right	22.18	23.95	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	21.27	23.04	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_Full	22.24	24.01	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Edge_1RB_Left	21.26	23.03	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Edge_1RB_Right	21.58	23.35	PC3	-100~30	PASS
N77-3700-	30	15	DFT-64QAM	H	Outer_Full	20.69	22.46	PC3	-100~30	PASS

3980										
N77-3700-3980	30	15	DFT-64QAM	H	Inner_Full	20.82	22.59	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Edge_1RB_Left	20.43	22.20	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Edge_1RB_Right	20.66	22.43	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	18.65	20.42	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Inner_Full	18.71	20.48	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Edge_1RB_Left	18.52	20.29	PC3	-100~30	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Edge_1RB_Right	18.8	20.57	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	21.77	23.54	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Inner_Full	22.31	24.08	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Edge_1RB_Left	21.42	23.19	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Edge_1RB_Right	21.73	23.50	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	21.26	23.03	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_Full	22.29	24.06	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Left	21	22.77	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Edge_1RB_Right	21.25	23.02	PC3	-100~30	PASS

3700-3980			QPSK							
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	20.34	22.11	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_Full	21.22	22.99	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Edge_1RB_Left	20.21	21.98	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Edge_1RB_Right	20.48	22.25	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	19.81	21.58	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Inner_Full	19.81	21.58	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Edge_1RB_Left	19.41	21.18	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Edge_1RB_Right	19.64	21.41	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	17.76	19.53	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Inner_Full	17.87	19.64	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Edge_1RB_Left	17.87	19.64	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Edge_1RB_Right	17.76	19.53	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	22.32	24.09	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Inner_Full	22.84	24.61	PC3	-100~30	PASS

N77-3700-3980	30	20	DFT-PI2BPSK	M	Edge_1RB_Left	22.16	23.93	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Edge_1RB_Right	22.21	23.98	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	21.78	23.55	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_Full	22.86	24.63	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Edge_1RB_Left	21.7	23.47	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Edge_1RB_Right	21.78	23.55	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	20.82	22.59	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_Full	21.84	23.61	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Edge_1RB_Left	20.37	22.14	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Edge_1RB_Right	20.45	22.22	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	20.33	22.10	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Inner_Full	20.4	22.17	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Edge_1RB_Left	20.3	22.07	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Edge_1RB_Right	20.59	22.36	PC3	-100~30	PASS
N77-3700-	30	20	DFT-256QAM	M	Outer_Full	18.33	20.10	PC3	-100~30	PASS

3980										
N77-3700-3980	30	20	DFT-256QAM	M	Inner_Full	18.27	20.04	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Edge_1RB_Left	18.34	20.11	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Edge_1RB_Right	18.33	20.10	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	22.66	24.43	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Inner_Full	23.15	24.92	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Edge_1RB_Left	22.24	24.01	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Edge_1RB_Right	22.62	24.39	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	22.16	23.93	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_Full	23.12	24.89	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Left	21.77	23.54	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Edge_1RB_Right	22.16	23.93	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	21.24	23.01	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_Full	22.25	24.02	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Edge_1RB_Left	20.83	22.60	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Edge_1RB_Right	21.24	23.01	PC3	-100~30	PASS

3700-3980			16QAM							
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	20.68	22.45	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Inner_Full	20.7	22.47	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Edge_1RB_Left	20.19	21.96	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Edge_1RB_Right	20.76	22.53	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	18.69	20.46	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Inner_Full	18.57	20.34	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Edge_1RB_Left	18.41	20.18	PC3	-100~30	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Edge_1RB_Right	18.79	20.56	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	L	Outer_Full	21.78	23.55	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	L	Inner_Full	22.31	24.08	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	L	Edge_1RB_Left	21.31	23.08	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	L	Edge_1RB_Right	21.66	23.43	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	L	Outer_Full	21.28	23.05	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	L	Inner_Full	22.32	24.09	PC3	-100~30	PASS

N77-3700-3980	30	25	DFT-QPSK	L	Edge_1RB_Left	20.85	22.62	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	L	Edge_1RB_Right	21.16	22.93	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	L	Outer_Full	20.26	22.03	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	L	Inner_Full	21.26	23.03	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	L	Edge_1RB_Left	20.12	21.89	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	L	Edge_1RB_Right	20.29	22.06	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	L	Outer_Full	19.77	21.54	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	L	Inner_Full	19.77	21.54	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	L	Edge_1RB_Left	19.71	21.48	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	L	Edge_1RB_Right	19.56	21.33	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	L	Outer_Full	17.75	19.52	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	L	Inner_Full	17.79	19.56	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	L	Edge_1RB_Left	17.56	19.33	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	L	Edge_1RB_Right	17.68	19.45	PC3	-100~30	PASS
N77-3700-	30	25	DFT-PI2BPSK	M	Outer_Full	22.35	24.12	PC3	-100~30	PASS

3980										
N77-3700-3980	30	25	DFT-PI2BPSK	M	Inner_Full	22.87	24.64	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	M	Edge_1RB_Left	22.09	23.86	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	M	Edge_1RB_Right	22.39	24.16	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	21.97	23.74	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Inner_Full	22.98	24.75	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Edge_1RB_Left	21.8	23.57	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Edge_1RB_Right	21.99	23.76	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	M	Outer_Full	20.98	22.75	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	M	Inner_Full	22.02	23.79	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	M	Edge_1RB_Left	20.81	22.58	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	M	Edge_1RB_Right	21.18	22.95	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	M	Outer_Full	20.49	22.26	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	M	Inner_Full	20.46	22.23	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	M	Edge_1RB_Left	20.1	21.87	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	M	Edge_1RB_Right	20.37	22.14	PC3	-100~30	PASS

3700-3980			64QAM							
N77-3700-3980	30	25	DFT-256QAM	M	Outer_Full	18.45	20.22	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	M	Inner_Full	18.36	20.13	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	M	Edge_1RB_Left	18.25	20.02	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	M	Edge_1RB_Right	18.88	20.65	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	H	Outer_Full	22.64	24.41	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	H	Inner_Full	23.24	25.01	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	H	Edge_1RB_Left	22.27	24.04	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	H	Edge_1RB_Right	22.64	24.41	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	H	Outer_Full	22.18	23.95	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	H	Inner_Full	23.25	25.02	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	H	Edge_1RB_Left	21.84	23.61	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-QPSK	H	Edge_1RB_Right	22.09	23.86	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	H	Outer_Full	21.06	22.83	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	H	Inner_Full	22.18	23.95	PC3	-100~30	PASS

N77-3700-3980	30	25	DFT-16QAM	H	Edge_1RB_Left	20.67	22.44	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-16QAM	H	Edge_1RB_Right	21.1	22.87	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	H	Outer_Full	20.71	22.48	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	H	Inner_Full	20.65	22.42	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	H	Edge_1RB_Left	20.35	22.12	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-64QAM	H	Edge_1RB_Right	20.54	22.31	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	H	Outer_Full	18.5	20.27	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	H	Inner_Full	18.55	20.32	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	H	Edge_1RB_Left	18.4	20.17	PC3	-100~30	PASS
N77-3700-3980	30	25	DFT-256QAM	H	Edge_1RB_Right	18.84	20.61	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Outer_Full	21.6	23.37	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Inner_Full	22.18	23.95	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Edge_1RB_Left	21.07	22.84	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Edge_1RB_Right	21.48	23.25	PC3	-100~30	PASS
N77-3700-	30	30	DFT-QPSK	L	Outer_Full	21.11	22.88	PC3	-100~30	PASS

3980										
N77-3700-3980	30	30	DFT-QPSK	L	Inner_Full	22.23	24.00	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Edge_1RB_Left	20.58	22.35	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Edge_1RB_Right	20.85	22.62	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Outer_Full	20.07	21.84	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Inner_Full	21.18	22.95	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Edge_1RB_Left	19.83	21.60	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Edge_1RB_Right	20.12	21.89	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Outer_Full	19.51	21.28	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Inner_Full	19.65	21.42	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Edge_1RB_Left	19.12	20.89	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Edge_1RB_Right	19.43	21.20	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Outer_Full	17.6	19.37	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Inner_Full	17.59	19.36	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Edge_1RB_Left	17.09	18.86	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Edge_1RB_Right	17.41	19.18	PC3	-100~30	PASS

3700-3980			256QAM							
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	22.2	23.97	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Inner_Full	22.71	24.48	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Edge_1RB_Left	21.86	23.63	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Edge_1RB_Right	22.21	23.98	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	21.67	23.44	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Inner_Full	22.7	24.47	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Edge_1RB_Left	21.38	23.15	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Edge_1RB_Right	21.65	23.42	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	20.72	22.49	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Inner_Full	21.68	23.45	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Edge_1RB_Left	20.58	22.35	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Edge_1RB_Right	20.85	22.62	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	20.21	21.98	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Inner_Full	20.19	21.96	PC3	-100~30	PASS

N77-3700-3980	30	30	DFT-64QAM	M	Edge_1RB_Left	20.28	22.05	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Edge_1RB_Right	19.98	21.75	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	18.21	19.98	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Inner_Full	18.13	19.90	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Edge_1RB_Left	17.86	19.63	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Edge_1RB_Right	18.24	20.01	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Outer_Full	22.37	24.14	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Inner_Full	22.88	24.65	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Edge_1RB_Left	21.96	23.73	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Edge_1RB_Right	22.31	24.08	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	21.83	23.60	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Inner_Full	22.86	24.63	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Edge_1RB_Left	21.3	23.07	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Edge_1RB_Right	21.69	23.46	PC3	-100~30	PASS
N77-3700-	30	30	DFT-16QAM	H	Outer_Full	21.16	22.93	PC3	-100~30	PASS

3980										
N77-3700-3980	30	30	DFT-16QAM	H	Inner_Full	22.2	23.97	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Edge_1RB_Left	21.06	22.83	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Edge_1RB_Right	21.54	23.31	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Outer_Full	20.73	22.50	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Inner_Full	20.74	22.51	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Edge_1RB_Left	20.14	21.91	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Edge_1RB_Right	20.46	22.23	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Outer_Full	18.68	20.45	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Inner_Full	18.69	20.46	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Edge_1RB_Left	18.77	20.54	PC3	-100~30	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Edge_1RB_Right	19.12	20.89	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	21.98	23.75	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Inner_Full	22.63	24.40	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Edge_1RB_Left	21.32	23.09	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	L	Edge_1RB_Right	21.55	23.32	PC3	-100~30	PASS

3700-3980			PI2BPSK							
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	21.49	23.26	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_Full	22.59	24.36	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Edge_1RB_Left	20.8	22.57	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Edge_1RB_Right	21.12	22.89	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	20.54	22.31	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_Full	21.57	23.34	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Edge_1RB_Left	20.13	21.90	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Edge_1RB_Right	20.46	22.23	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	19.87	21.64	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Inner_Full	20.16	21.93	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Edge_1RB_Left	19.52	21.29	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Edge_1RB_Right	19.92	21.69	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	17.96	19.73	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Inner_Full	18.12	19.89	PC3	-100~30	PASS

N77-3700-3980	30	40	DFT-256QAM	L	Edge_1RB_Left	17.06	18.83	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Edge_1RB_Right	17.5	19.27	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	22.51	24.28	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Inner_Full	23.01	24.78	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Edge_1RB_Left	22.06	23.83	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Edge_1RB_Right	22.36	24.13	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	22.02	23.79	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_Full	23.05	24.82	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Edge_1RB_Left	21.63	23.40	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Edge_1RB_Right	21.8	23.57	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	21.01	22.78	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_Full	22.08	23.85	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Edge_1RB_Left	20.71	22.48	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Edge_1RB_Right	20.98	22.75	PC3	-100~30	PASS
N77-3700-	30	40	DFT-64QAM	M	Outer_Full	20.5	22.27	PC3	-100~30	PASS

3980										
N77-3700-3980	30	40	DFT-64QAM	M	Inner_Full	20.47	22.24	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Edge_1RB_Left	20.29	22.06	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Edge_1RB_Right	20.36	22.13	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	18.51	20.28	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Inner_Full	18.56	20.33	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Edge_1RB_Left	18.27	20.04	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Edge_1RB_Right	18.78	20.55	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	22.67	24.44	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Inner_Full	23.23	25.00	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Edge_1RB_Left	22.18	23.95	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Edge_1RB_Right	22.54	24.31	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	22.2	23.97	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_Full	23.25	25.02	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Edge_1RB_Left	21.76	23.53	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Edge_1RB_Right	22	23.77	PC3	-100~30	PASS

3700-3980			QPSK							
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	21.26	23.03	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_Full	22.27	24.04	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Edge_1RB_Left	20.63	22.40	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Edge_1RB_Right	20.9	22.67	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	20.69	22.46	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Inner_Full	20.78	22.55	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Edge_1RB_Left	20.46	22.23	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Edge_1RB_Right	20.72	22.49	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	18.67	20.44	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Inner_Full	18.73	20.50	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Edge_1RB_Left	18.24	20.01	PC3	-100~30	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Edge_1RB_Right	18.52	20.29	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	22.17	23.94	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Inner_Full	22.79	24.56	PC3	-100~30	PASS

N77-3700-3980	30	50	DFT-PI2BPSK	L	Edge_1RB_Left	21.62	23.39	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Edge_1RB_Right	22.1	23.87	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	21.64	23.41	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_Full	22.71	24.48	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Edge_1RB_Left	21.15	22.92	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Edge_1RB_Right	21.68	23.45	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	20.67	22.44	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Inner_Full	21.82	23.59	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Edge_1RB_Left	20.42	22.19	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	L	Edge_1RB_Right	20.69	22.46	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	20.1	21.87	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Inner_Full	20.25	22.02	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Edge_1RB_Left	19.63	21.40	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Edge_1RB_Right	20.19	21.96	PC3	-100~30	PASS
N77-3700-	30	50	DFT-256QAM	L	Outer_Full	18.12	19.89	PC3	-100~30	PASS

3980										
N77-3700-3980	30	50	DFT-256QAM	L	Inner_Full	18.19	19.96	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Edge_1RB_Left	17.76	19.53	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Edge_1RB_Right	18.03	19.80	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	22.65	24.42	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Inner_Full	23.12	24.89	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Edge_1RB_Left	22.43	24.20	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Edge_1RB_Right	22.76	24.53	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	22.17	23.94	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_Full	23.15	24.92	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Edge_1RB_Left	22.01	23.78	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Edge_1RB_Right	22.3	24.07	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	21.16	22.93	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_Full	22.14	23.91	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Edge_1RB_Left	21.13	22.90	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Edge_1RB_Right	21.52	23.29	PC3	-100~30	PASS

3700-3980			16QAM							
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	20.69	22.46	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Inner_Full	20.67	22.44	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Edge_1RB_Left	20.61	22.38	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Edge_1RB_Right	20.98	22.75	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	18.65	20.42	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Inner_Full	18.64	20.41	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Edge_1RB_Left	18.56	20.33	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Edge_1RB_Right	18.79	20.56	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	22.73	24.50	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Inner_Full	23.26	25.03	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Edge_1RB_Left	22.45	24.22	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Edge_1RB_Right	22.78	24.55	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	22.24	24.01	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_Full	23.21	24.98	PC3	-100~30	PASS

N77-3700-3980	30	50	DFT-QPSK	H	Edge_1RB_Left	21.92	23.69	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Edge_1RB_Right	22.2	23.97	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	21.25	23.02	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_Full	22.31	24.08	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Edge_1RB_Left	21.22	22.99	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Edge_1RB_Right	21.51	23.28	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	20.75	22.52	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Inner_Full	20.78	22.55	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Edge_1RB_Left	20.34	22.11	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Edge_1RB_Right	20.92	22.69	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	18.78	20.55	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Inner_Full	18.75	20.52	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Edge_1RB_Left	18.84	20.61	PC3	-100~30	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Edge_1RB_Right	19.17	20.94	PC3	-100~30	PASS
N77-3700-	30	60	DFT-PI2BPSK	L	Outer_Full	22.12	23.89	PC3	-100~30	PASS

3980										
N77-3700-3980	30	60	DFT-PI2BPSK	L	Inner_Full	22.76	24.53	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Edge_1RB_Left	21.43	23.20	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Edge_1RB_Right	22.13	23.90	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Edge_1RB_Right	21.52	23.29	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	20.6	22.37	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_Full	21.7	23.47	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Edge_1RB_Left	20.37	22.14	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	20.11	21.88	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Inner_Full	20.21	21.98	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Edge_1RB_Left	19.78	21.55	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	18.07	19.84	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Inner_Full	18.17	19.94	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Edge_1RB_Left	17.49	19.26	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Edge_1RB_Right	18.17	19.94	PC3	-100~30	PASS
N77-	30	60	DFT-	M	Outer_Full	22.63	24.40	PC3	-100~30	PASS

3700-3980			PI2BPSK							
N77-3700-3980	30	60	DFT-PI2BPSK	M	Inner_Full	23.13	24.90	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Edge_1RB_Left	22.24	24.01	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_Full	23.14	24.91	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Edge_1RB_Left	21.77	23.54	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Edge_1RB_Right	22.1	23.87	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	21.15	22.92	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_Full	22.11	23.88	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Edge_1RB_Left	20.69	22.46	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Edge_1RB_Right	21.07	22.84	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	20.6	22.37	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Inner_Full	20.6	22.37	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Edge_1RB_Left	20.41	22.18	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Edge_1RB_Right	20.79	22.56	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	18.62	20.39	PC3	-100~30	PASS

N77-3700-3980	30	60	DFT-256QAM	M	Inner_Full	18.62	20.39	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Edge_1RB_Left	18.38	20.15	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Edge_1RB_Right	18.71	20.48	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	22.73	24.50	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Inner_Full	23.28	25.05	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Edge_1RB_Left	22.15	23.92	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Edge_1RB_Right	22.59	24.36	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	22.26	24.03	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_Full	23.3	25.07	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Edge_1RB_Left	21.65	23.42	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Edge_1RB_Right	22.1	23.87	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	21.2	22.97	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_Full	22.28	24.05	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Edge_1RB_Left	20.83	22.60	PC3	-100~30	PASS
N77-3700-	30	60	DFT-16QAM	H	Edge_1RB_Right	21.21	22.98	PC3	-100~30	PASS

3980										
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	20.66	22.43	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Inner_Full	20.77	22.54	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Edge_1RB_Left	19.97	21.74	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Edge_1RB_Right	20.51	22.28	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	18.74	20.51	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Inner_Full	18.73	20.50	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Edge_1RB_Left	18.23	20.00	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Edge_1RB_Right	18.72	20.49	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	21.92	23.69	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Inner_Full	22.8	24.57	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Edge_1RB_Right	22.01	23.78	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	21.41	23.18	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_Full	22.79	24.56	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Edge_1RB_Left	21.82	23.59	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-	L	Outer_Full	20.43	22.20	PC3	-100~30	PASS

3700-3980			16QAM							
N77-3700-3980	30	70	DFT-16QAM	L	Inner_Full	21.79	23.56	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Edge_1RB_Left	20.32	22.09	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Edge_1RB_Right	21.55	23.32	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Edge_1RB_Left	20.76	22.53	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Inner_Full	18.26	20.03	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Edge_1RB_Left	17.84	19.61	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Edge_1RB_Right	18.65	20.42	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Inner_Full	23.28	25.05	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Edge_1RB_Left	22.29	24.06	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Edge_1RB_Right	22.58	24.35	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	22.3	24.07	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_Full	23.29	25.06	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Edge_1RB_Left	21.76	23.53	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Edge_1RB_Right	22.07	23.84	PC3	-100~30	PASS

N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	21.33	23.10	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_Full	22.24	24.01	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Edge_1RB_Left	21.03	22.80	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Edge_1RB_Right	21.34	23.11	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	20.75	22.52	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Inner_Full	20.76	22.53	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Edge_1RB_Left	20.59	22.36	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Edge_1RB_Right	20.97	22.74	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Inner_Full	18.79	20.56	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Edge_1RB_Left	17.75	19.52	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Edge_1RB_Right	18.13	19.90	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Edge_1RB_Left	22.28	24.05	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Edge_1RB_Right	22.67	24.44	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_Full	23.28	25.05	PC3	-100~30	PASS
N77-3700-	30	70	DFT-QPSK	H	Edge_1RB_Left	21.79	23.56	PC3	-100~30	PASS

3980										
N77-3700-3980	30	70	DFT-QPSK	H	Edge_1RB_Right	22.12	23.89	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	21.3	23.07	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_Full	22.34	24.11	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Edge_1RB_Right	21.4	23.17	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	20.72	22.49	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Inner_Full	20.8	22.57	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Edge_1RB_Left	20.34	22.11	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Edge_1RB_Right	21	22.77	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	18.71	20.48	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Inner_Full	18.77	20.54	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Edge_1RB_Left	18.35	20.12	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Edge_1RB_Right	18.7	20.47	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Inner_Full	23.19	24.96	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Edge_1RB_Left	21.74	23.51	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Edge_1RB_Right	22.51	24.28	PC3	-100~30	PASS

3700-3980			PI2BPSK							
N77-3700-3980	30	80	DFT-QPSK	L	Inner_Full	23.1	24.87	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Edge_1RB_Left	21.19	22.96	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Edge_1RB_Right	21.96	23.73	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	21.11	22.88	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_Full	22.19	23.96	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Edge_1RB_Left	20.41	22.18	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Edge_1RB_Right	21.14	22.91	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	20.57	22.34	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Inner_Full	20.63	22.40	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Edge_1RB_Left	19.81	21.58	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Edge_1RB_Right	20.57	22.34	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	18.51	20.28	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Inner_Full	18.61	20.38	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Edge_1RB_Left	17.93	19.70	PC3	-100~30	PASS

N77-3700-3980	30	80	DFT-256QAM	L	Edge_1RB_Right	18.62	20.39	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	22.72	24.49	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Inner_Full	23.33	25.10	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Edge_1RB_Left	22.13	23.90	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Edge_1RB_Right	22.34	24.11	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	22.25	24.02	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_Full	23.35	25.12	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Edge_1RB_Left	21.64	23.41	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Edge_1RB_Right	21.97	23.74	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	21.23	23.00	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_Full	22.36	24.13	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Edge_1RB_Left	20.78	22.55	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Edge_1RB_Right	21.11	22.88	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	20.74	22.51	PC3	-100~30	PASS
N77-3700-	30	80	DFT-64QAM	M	Inner_Full	20.83	22.60	PC3	-100~30	PASS

3980										
N77-3700-3980	30	80	DFT-64QAM	M	Edge_1RB_Left	20.03	21.80	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Edge_1RB_Right	20.17	21.94	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	18.71	20.48	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Inner_Full	18.78	20.55	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Edge_1RB_Left	18.35	20.12	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Edge_1RB_Right	18.66	20.43	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Inner_Full	23.34	25.11	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Edge_1RB_Left	22.36	24.13	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Edge_1RB_Right	22.56	24.33	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	22.25	24.02	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_Full	23.37	25.14	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Edge_1RB_Left	21.88	23.65	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Edge_1RB_Right	22.05	23.82	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	21.24	23.01	PC3	-100~30	PASS
N77-	30	80	DFT-	H	Inner_Full	22.28	24.05	PC3	-100~30	PASS

3700-3980			16QAM							
N77-3700-3980	30	80	DFT-16QAM	H	Edge_1RB_Left	20.87	22.64	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Edge_1RB_Right	21.04	22.81	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	20.77	22.54	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Inner_Full	20.77	22.54	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Edge_1RB_Left	20.54	22.31	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Edge_1RB_Right	20.71	22.48	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	18.74	20.51	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Inner_Full	18.8	20.57	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Edge_1RB_Left	18.61	20.38	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Edge_1RB_Right	18.77	20.54	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	22.57	24.34	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Inner_Full	23.16	24.93	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Edge_1RB_Left	21.5	23.27	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Edge_1RB_Right	22.35	24.12	PC3	-100~30	PASS

N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	22.08	23.85	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_Full	23.18	24.95	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Edge_1RB_Left	21.04	22.81	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Edge_1RB_Right	21.77	23.54	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	21.02	22.79	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_Full	22.15	23.92	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Edge_1RB_Left	20.21	21.98	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Edge_1RB_Right	20.93	22.70	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	20.6	22.37	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Inner_Full	20.72	22.49	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Edge_1RB_Left	19.72	21.49	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Edge_1RB_Right	20.08	21.85	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	18.53	20.30	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Inner_Full	18.74	20.51	PC3	-100~30	PASS
N77-3700-	30	90	DFT-256QAM	L	Edge_1RB_Left	17.47	19.24	PC3	-100~30	PASS

3980										
N77-3700-3980	30	90	DFT-256QAM	L	Edge_1RB_Right	18.51	20.28	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	22.82	24.59	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Inner_Full	23.48	25.25	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Edge_1RB_Left	21.96	23.73	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Edge_1RB_Right	22.32	24.09	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	22.32	24.09	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_Full	23.5	25.27	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Edge_1RB_Left	21.38	23.15	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Edge_1RB_Right	21.76	23.53	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	21.23	23.00	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_Full	22.48	24.25	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Edge_1RB_Left	20.68	22.45	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Edge_1RB_Right	21.06	22.83	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	20.82	22.59	PC3	-100~30	PASS
N77-	30	90	DFT-	M	Inner_Full	21.01	22.78	PC3	-100~30	PASS

3700-3980			64QAM							
N77-3700-3980	30	90	DFT-64QAM	M	Edge_1RB_Left	20.04	21.81	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Edge_1RB_Right	20.42	22.19	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	18.79	20.56	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Inner_Full	18.97	20.74	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Edge_1RB_Left	17.92	19.69	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Edge_1RB_Right	18.37	20.14	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	22.29	24.06	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	19.9	21.67	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Inner_Full	20.27	22.04	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Edge_1RB_Right	20.09	21.86	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	17.89	19.66	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	18.54	20.31	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	22.47	24.24	PC3	-100~30	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Inner_Full	23.42	25.19	PC3	-100~30	PASS

N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	22.06	23.83	PC3	-100~30	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	22.83	24.60	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	22.78	24.55	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Inner_Full	23.38	25.15	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Edge_1RB_Left	22.12	23.89	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Edge_1RB_Right	22.38	24.15	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	22.3	24.07	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_Full	23.38	25.15	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Edge_1RB_Left	21.65	23.42	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Edge_1RB_Right	21.81	23.58	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	21.23	23.00	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_Full	22.31	24.08	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Edge_1RB_Left	20.78	22.55	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Edge_1RB_Right	21.04	22.81	PC3	-100~30	PASS
N77-3700-	30	90	DFT-64QAM	H	Outer_Full	20.71	22.48	PC3	-100~30	PASS

3980										
N77-3700-3980	30	90	DFT-64QAM	H	Inner_Full	20.82	22.59	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Edge_1RB_Left	20.23	22.00	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Edge_1RB_Right	20.41	22.18	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	18.76	20.53	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Inner_Full	18.86	20.63	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Edge_1RB_Left	18.1	19.87	PC3	-100~30	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Edge_1RB_Right	18.34	20.11	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	22.52	24.29	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_Full	23.17	24.94	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Edge_1RB_Left	21.22	22.99	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Edge_1RB_Right	21.81	23.58	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	22.04	23.81	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_Full	23.21	24.98	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Edge_1RB_Left	20.64	22.41	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Edge_1RB_Right	21.3	23.07	PC3	-100~30	PASS

3700-3980			QPSK							
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	21	22.77	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_Full	22.19	23.96	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Edge_1RB_Left	19.88	21.65	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Edge_1RB_Right	20.48	22.25	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	20.52	22.29	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_Full	20.66	22.43	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Edge_1RB_Left	18.91	20.68	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Edge_1RB_Right	19.55	21.32	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	18.5	20.27	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_Full	18.68	20.45	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Edge_1RB_Left	17.38	19.15	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Edge_1RB_Right	17.99	19.76	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_Full	23.26	25.03	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Edge_1RB_Left	21.59	23.36	PC3	-100~30	PASS

N77-3700-3980	30	100	DFT-PI2BPSK	M	Edge_1RB_Right	21.81	23.58	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	22.12	23.89	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_Full	23.29	25.06	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Edge_1RB_Left	21.09	22.86	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Edge_1RB_Right	21.34	23.11	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	21.07	22.84	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_Full	22.29	24.06	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Edge_1RB_Left	20.22	21.99	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Edge_1RB_Right	20.47	22.24	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	20.57	22.34	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_Full	20.83	22.60	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Edge_1RB_Left	19.45	21.22	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Edge_1RB_Right	19.78	21.55	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	18.54	20.31	PC3	-100~30	PASS
N77-3700-	30	100	DFT-256QAM	M	Inner_Full	18.82	20.59	PC3	-100~30	PASS

3980										
N77-3700-3980	30	100	DFT-256QAM	M	Edge_1RB_Left	17.62	19.39	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Edge_1RB_Right	18.19	19.96	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	22.63	24.40	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	22.63	24.40	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_Full	23.31	25.08	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Edge_1RB_Left	21.78	23.55	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Edge_1RB_Right	21.98	23.75	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	22.19	23.96	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_Full	23.31	25.08	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Edge_1RB_Left	21.15	22.92	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Edge_1RB_Right	21.44	23.21	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	21.09	22.86	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_Full	22.28	24.05	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Edge_1RB_Left	20.55	22.32	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Edge_1RB_Right	20.83	22.60	PC3	-100~30	PASS

3700-3980			16QAM							
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	20.61	22.38	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_Full	20.75	22.52	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Edge_1RB_Left	20.2	21.97	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Edge_1RB_Right	20.46	22.23	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	18.63	20.40	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_Full	18.79	20.56	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Edge_1RB_Left	17.92	19.69	PC3	-100~30	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Edge_1RB_Right	18.19	19.96	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	21.02	22.79	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_Full	22.14	23.91	PC3	-100~30	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Edge_1RB_Left	20.43	22.20	PC3	-100~30	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
N77-3450-3550	30	10	DFT-PI2BPSK	L	Outer_Full	4.67	≤13	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	5.70	≤13	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Outer_Full	6.50	≤13	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Outer_Full	8.40	≤13	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Outer_Full	7.01	≤13	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	4.44	≤13	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	8.33	≤13	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.42	≤13	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.37	≤13	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	6.85	≤13	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Outer_Full	8.39	≤13	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	5.50	≤13	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Outer_Full	6.35	≤13	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Outer_Full	8.39	≤13	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Outer_Full	7.02	≤13	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Outer_Full	8.34	≤13	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	5.72	≤13	PASS
N77-3450-	30	15	DFT-16QAM	L	Outer_Full	6.36	≤13	PASS

3550								
N77-3450-3550	30	15	DFT-64QAM	L	Outer_Full	8.41	≤13	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Outer_Full	6.86	≤13	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	4.57	≤13	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	8.49	≤13	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	8.38	≤13	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Outer_Full	8.59	≤13	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Outer_Full	6.92	≤13	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Outer_Full	4.58	≤13	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	5.56	≤13	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Outer_Full	6.32	≤13	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Outer_Full	8.39	≤13	PASS
N77-3450-3550	30	15	DFT-256QAM	H	Outer_Full	6.97	≤13	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	L	Outer_Full	4.62	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	L	Outer_Full	5.80	≤13	PASS
N77-3450-3550	30	20	DFT-16QAM	L	Outer_Full	6.49	≤13	PASS
N77-3450-3550	30	20	DFT-64QAM	L	Outer_Full	8.43	≤13	PASS
N77-3450-3550	30	20	DFT-256QAM	L	Outer_Full	6.90	≤13	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	8.37	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	5.81	≤13	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	6.43	≤13	PASS
N77-3450-3550	30	20	DFT-64QAM	M	Outer_Full	8.36	≤13	PASS

N77-3450-3550	30	20	DFT-256QAM	M	Outer_Full	6.76	≤13	PASS
N77-3450-3550	30	20	DFT-PI2BPSK	H	Outer_Full	4.62	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	H	Outer_Full	5.54	≤13	PASS
N77-3450-3550	30	20	DFT-16QAM	H	Outer_Full	6.33	≤13	PASS
N77-3450-3550	30	20	DFT-64QAM	H	Outer_Full	8.46	≤13	PASS
N77-3450-3550	30	20	DFT-256QAM	H	Outer_Full	6.98	≤13	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	L	Outer_Full	4.75	≤13	PASS
N77-3450-3550	30	25	DFT-QPSK	L	Outer_Full	5.90	≤13	PASS
N77-3450-3550	30	25	DFT-16QAM	L	Outer_Full	6.50	≤13	PASS
N77-3450-3550	30	25	DFT-64QAM	L	Outer_Full	8.35	≤13	PASS
N77-3450-3550	30	25	DFT-256QAM	L	Outer_Full	6.97	≤13	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	M	Outer_Full	4.59	≤13	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	5.81	≤13	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Outer_Full	6.52	≤13	PASS
N77-3450-3550	30	25	DFT-64QAM	M	Outer_Full	8.34	≤13	PASS
N77-3450-3550	30	25	DFT-256QAM	M	Outer_Full	7.00	≤13	PASS
N77-3450-3550	30	25	DFT-PI2BPSK	H	Outer_Full	4.57	≤13	PASS
N77-3450-3550	30	25	DFT-QPSK	H	Outer_Full	8.34	≤13	PASS
N77-3450-3550	30	25	DFT-16QAM	H	Outer_Full	8.40	≤13	PASS
N77-3450-3550	30	25	DFT-64QAM	H	Outer_Full	8.38	≤13	PASS
N77-3450-3550	30	25	DFT-256QAM	H	Outer_Full	6.99	≤13	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	8.42	≤13	PASS

N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	5.77	≤13	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Outer_Full	6.60	≤13	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Outer_Full	8.35	≤13	PASS
N77-3450-3550	30	30	DFT-256QAM	L	Outer_Full	7.13	≤13	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	4.65	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	8.34	≤13	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	8.36	≤13	PASS
N77-3450-3550	30	30	DFT-64QAM	M	Outer_Full	8.42	≤13	PASS
N77-3450-3550	30	30	DFT-256QAM	M	Outer_Full	7.03	≤13	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	4.72	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	5.65	≤13	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Outer_Full	6.34	≤13	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Outer_Full	8.36	≤13	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Outer_Full	6.99	≤13	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	4.77	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	5.87	≤13	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	6.56	≤13	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	8.31	≤13	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Outer_Full	7.02	≤13	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	4.70	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	8.39	≤13	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	8.50	≤13	PASS

N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	8.37	≤13	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	7.11	≤13	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	4.72	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	8.44	≤13	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Outer_Full	8.32	≤13	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	8.33	≤13	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Outer_Full	7.00	≤13	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	8.46	≤13	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	5.83	≤13	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Outer_Full	6.68	≤13	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Outer_Full	8.40	≤13	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Outer_Full	6.98	≤13	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	5.04	≤13	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	8.36	≤13	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	8.35	≤13	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	8.34	≤13	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Outer_Full	6.94	≤13	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	5.04	≤13	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	8.39	≤13	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Outer_Full	8.39	≤13	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Outer_Full	8.44	≤13	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Outer_Full	6.83	≤13	PASS

N77-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	8.40	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	5.81	≤13	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Outer_Full	6.45	≤13	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Outer_Full	8.37	≤13	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Outer_Full	6.87	≤13	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	4.72	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	5.81	≤13	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	6.53	≤13	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	8.33	≤13	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	7.18	≤13	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	8.32	≤13	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	5.65	≤13	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Outer_Full	6.37	≤13	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Outer_Full	8.39	≤13	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Outer_Full	6.97	≤13	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	4.83	≤13	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	5.84	≤13	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Outer_Full	6.67	≤13	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Outer_Full	8.44	≤13	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Outer_Full	6.99	≤13	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	4.75	≤13	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	8.45	≤13	PASS

N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	8.41	≤13	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	8.32	≤13	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	7.07	≤13	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	4.77	≤13	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	5.79	≤13	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Outer_Full	6.45	≤13	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Outer_Full	8.41	≤13	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Outer_Full	7.00	≤13	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	5.18	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	8.36	≤13	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	8.37	≤13	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	8.33	≤13	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Outer_Full	7.03	≤13	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	5.21	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	5.73	≤13	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	6.53	≤13	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	8.33	≤13	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	6.96	≤13	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	5.30	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	5.74	≤13	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Outer_Full	6.56	≤13	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Outer_Full	8.41	≤13	PASS

N77-3450-3550	30	80	DFT-256QAM	H	Outer_Full	6.98	≤13	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	L	Outer_Full	8.42	≤13	PASS
N77-3450-3550	30	90	DFT-QPSK	L	Outer_Full	5.78	≤13	PASS
N77-3450-3550	30	90	DFT-16QAM	L	Outer_Full	6.48	≤13	PASS
N77-3450-3550	30	90	DFT-64QAM	L	Outer_Full	8.43	≤13	PASS
N77-3450-3550	30	90	DFT-256QAM	L	Outer_Full	6.96	≤13	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	4.73	≤13	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	5.77	≤13	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	6.55	≤13	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	8.28	≤13	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	6.92	≤13	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	4.74	≤13	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	5.79	≤13	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Outer_Full	6.54	≤13	PASS
N77-3450-3550	30	90	DFT-64QAM	H	Outer_Full	8.43	≤13	PASS
N77-3450-3550	30	90	DFT-256QAM	H	Outer_Full	6.98	≤13	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	8.48	≤13	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	5.74	≤13	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	6.60	≤13	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	8.31	≤13	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	6.97	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	L	Outer_Full	5.96	≤13	PASS

N77-3700-3980	30	10	DFT-16QAM	L	Outer_Full	6.63	≤13	PASS
N77-3700-3980	30	10	DFT-64QAM	L	Outer_Full	8.37	≤13	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	4.80	≤13	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	6.65	≤13	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	6.87	≤13	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	H	Outer_Full	4.69	≤13	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Outer_Full	6.52	≤13	PASS
N77-3700-3980	30	10	DFT-64QAM	H	Outer_Full	6.69	≤13	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	L	Outer_Full	4.84	≤13	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Outer_Full	6.79	≤13	PASS
N77-3700-3980	30	15	DFT-64QAM	L	Outer_Full	6.87	≤13	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	4.85	≤13	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	6.76	≤13	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	6.83	≤13	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	H	Outer_Full	4.87	≤13	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Outer_Full	6.67	≤13	PASS
N77-3700-3980	30	15	DFT-64QAM	H	Outer_Full	6.80	≤13	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	L	Outer_Full	4.70	≤13	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Outer_Full	6.72	≤13	PASS
N77-3700-3980	30	20	DFT-64QAM	L	Outer_Full	7.09	≤13	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	4.74	≤13	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	6.76	≤13	PASS

N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	7.07	≤13	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	H	Outer_Full	4.73	≤13	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Outer_Full	6.71	≤13	PASS
N77-3700-3980	30	20	DFT-64QAM	H	Outer_Full	7.02	≤13	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	L	Outer_Full	4.72	≤13	PASS
N77-3700-3980	30	25	DFT-16QAM	L	Outer_Full	6.76	≤13	PASS
N77-3700-3980	30	25	DFT-256QAM	L	Outer_Full	6.82	≤13	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	6.09	≤13	PASS
N77-3700-3980	30	25	DFT-16QAM	M	Outer_Full	6.80	≤13	PASS
N77-3700-3980	30	25	DFT-64QAM	M	Outer_Full	6.94	≤13	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	H	Outer_Full	4.73	≤13	PASS
N77-3700-3980	30	25	DFT-16QAM	H	Outer_Full	6.71	≤13	PASS
N77-3700-3980	30	25	DFT-256QAM	H	Outer_Full	6.94	≤13	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Outer_Full	6.01	≤13	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Outer_Full	6.79	≤13	PASS
N77-3700-3980	30	30	DFT-64QAM	L	Outer_Full	8.48	≤13	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	4.86	≤13	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	6.78	≤13	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	7.10	≤13	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	H	Outer_Full	4.84	≤13	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Outer_Full	6.70	≤13	PASS
N77-3700-3980	30	30	DFT-64QAM	H	Outer_Full	6.86	≤13	PASS

N77-3700-3980	30	40	DFT-PI2BPSK	L	Outer_Full	4.86	≤13	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Outer_Full	6.81	≤13	PASS
N77-3700-3980	30	40	DFT-64QAM	L	Outer_Full	6.97	≤13	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	4.88	≤13	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	6.84	≤13	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	7.14	≤13	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	H	Outer_Full	4.78	≤13	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Outer_Full	6.80	≤13	PASS
N77-3700-3980	30	40	DFT-64QAM	H	Outer_Full	8.35	≤13	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	L	Outer_Full	8.52	≤13	PASS
N77-3700-3980	30	10	DFT-256QAM	L	Outer_Full	6.75	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Outer_Full	5.92	≤13	PASS
N77-3700-3980	30	10	DFT-256QAM	H	Outer_Full	7.16	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Outer_Full	6.08	≤13	PASS
N77-3700-3980	30	15	DFT-256QAM	L	Outer_Full	7.05	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	5.93	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Outer_Full	5.80	≤13	PASS
N77-3700-3980	30	15	DFT-256QAM	H	Outer_Full	7.01	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Outer_Full	8.29	≤13	PASS
N77-3700-3980	30	20	DFT-256QAM	L	Outer_Full	6.84	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	5.92	≤13	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	8.50	≤13	PASS

N77-3700-3980	30	20	DFT-QPSK	H	Outer_Full	5.97	≤13	PASS
N77-3700-3980	30	20	DFT-256QAM	H	Outer_Full	7.05	≤13	PASS
N77-3700-3980	30	25	DFT-QPSK	L	Outer_Full	5.98	≤13	PASS
N77-3700-3980	30	25	DFT-64QAM	L	Outer_Full	6.92	≤13	PASS
N77-3700-3980	30	25	DFT-PI2BPSK	M	Outer_Full	4.86	≤13	PASS
N77-3700-3980	30	25	DFT-256QAM	M	Outer_Full	6.93	≤13	PASS
N77-3700-3980	30	25	DFT-QPSK	H	Outer_Full	6.00	≤13	PASS
N77-3700-3980	30	25	DFT-64QAM	H	Outer_Full	6.90	≤13	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	L	Outer_Full	8.43	≤13	PASS
N77-3700-3980	30	30	DFT-256QAM	L	Outer_Full	6.98	≤13	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	6.05	≤13	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	7.04	≤13	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Outer_Full	6.11	≤13	PASS
N77-3700-3980	30	30	DFT-256QAM	H	Outer_Full	7.18	≤13	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Outer_Full	5.99	≤13	PASS
N77-3700-3980	30	40	DFT-256QAM	L	Outer_Full	6.99	≤13	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	6.02	≤13	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	6.84	≤13	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Outer_Full	5.93	≤13	PASS
N77-3700-3980	30	40	DFT-256QAM	H	Outer_Full	6.99	≤13	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	L	Outer_Full	5.19	≤13	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Outer_Full	6.11	≤13	PASS

N77-3700-3980	30	50	DFT-16QAM	L	Outer_Full	6.87	≤13	PASS
N77-3700-3980	30	50	DFT-64QAM	L	Outer_Full	8.75	≤13	PASS
N77-3700-3980	30	50	DFT-256QAM	L	Outer_Full	6.89	≤13	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	5.18	≤13	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	5.93	≤13	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	6.90	≤13	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	7.01	≤13	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	6.96	≤13	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	H	Outer_Full	5.10	≤13	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Outer_Full	6.04	≤13	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Outer_Full	6.79	≤13	PASS
N77-3700-3980	30	50	DFT-64QAM	H	Outer_Full	8.40	≤13	PASS
N77-3700-3980	30	50	DFT-256QAM	H	Outer_Full	7.16	≤13	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	L	Outer_Full	8.42	≤13	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Outer_Full	6.03	≤13	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Outer_Full	6.84	≤13	PASS
N77-3700-3980	30	60	DFT-64QAM	L	Outer_Full	8.66	≤13	PASS
N77-3700-3980	30	60	DFT-256QAM	L	Outer_Full	6.84	≤13	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	4.79	≤13	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	6.00	≤13	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	6.79	≤13	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	6.83	≤13	PASS

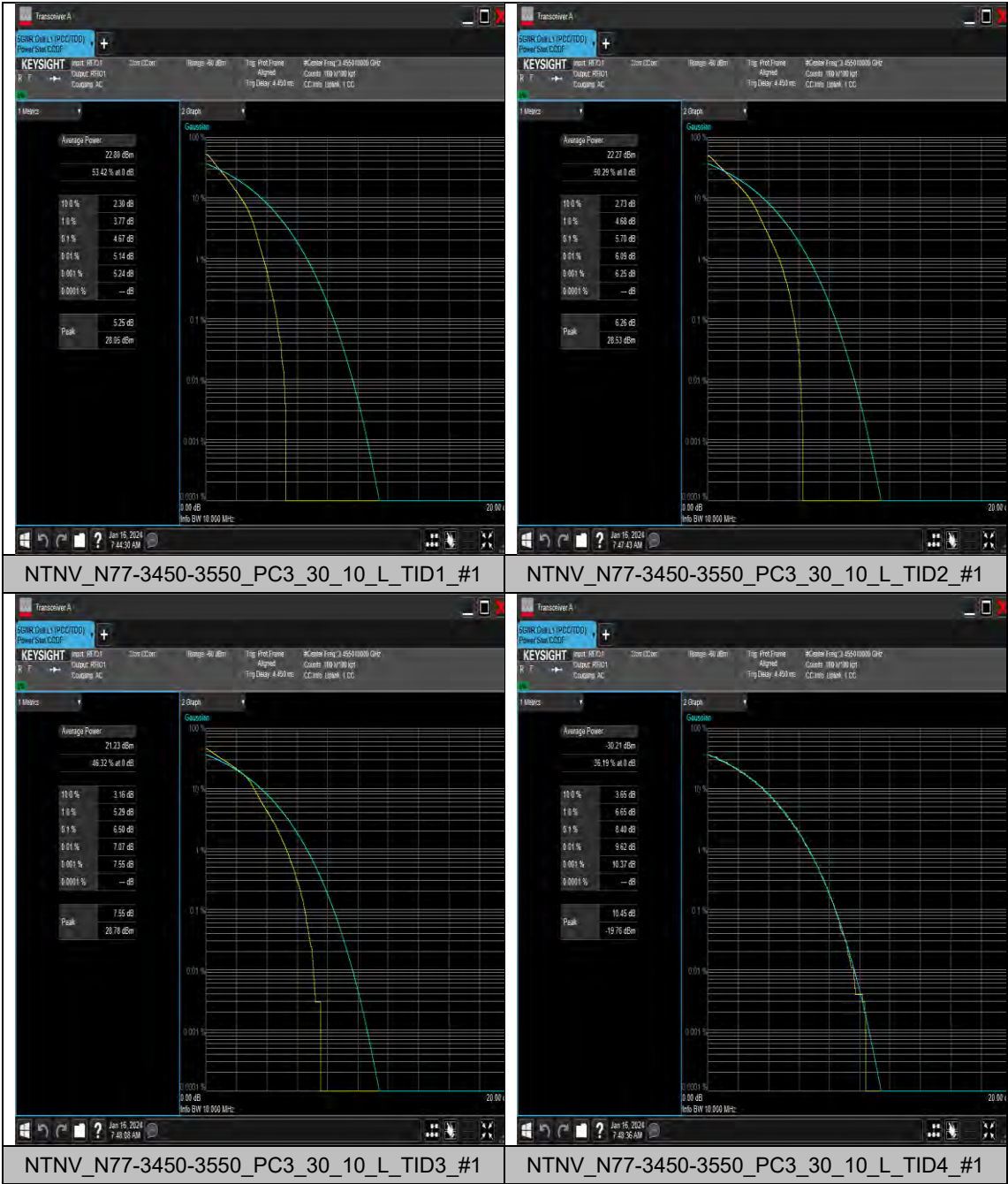
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	6.92	≤13	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	H	Outer_Full	4.77	≤13	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Outer_Full	5.99	≤13	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Outer_Full	6.74	≤13	PASS
N77-3700-3980	30	60	DFT-64QAM	H	Outer_Full	6.85	≤13	PASS
N77-3700-3980	30	60	DFT-256QAM	H	Outer_Full	6.96	≤13	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	L	Outer_Full	8.45	≤13	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Outer_Full	6.08	≤13	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Outer_Full	6.87	≤13	PASS
N77-3700-3980	30	70	DFT-64QAM	L	Outer_Full	6.99	≤13	PASS
N77-3700-3980	30	70	DFT-256QAM	L	Outer_Full	6.95	≤13	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	4.89	≤13	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	6.05	≤13	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	6.76	≤13	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	6.87	≤13	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	7.10	≤13	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	H	Outer_Full	5.00	≤13	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Outer_Full	5.98	≤13	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Outer_Full	6.71	≤13	PASS
N77-3700-3980	30	70	DFT-64QAM	H	Outer_Full	6.91	≤13	PASS
N77-3700-3980	30	70	DFT-256QAM	H	Outer_Full	7.01	≤13	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	L	Outer_Full	5.49	≤13	PASS

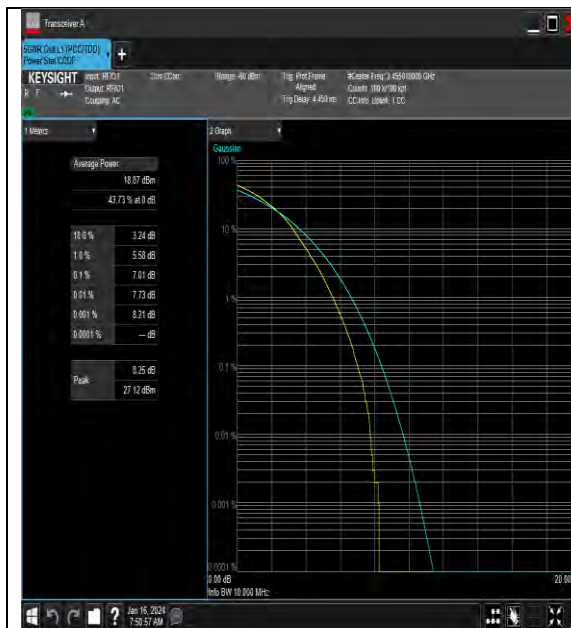
N77-3700-3980	30	80	DFT-QPSK	L	Outer_Full	6.04	≤13	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Outer_Full	6.71	≤13	PASS
N77-3700-3980	30	80	DFT-64QAM	L	Outer_Full	6.85	≤13	PASS
N77-3700-3980	30	80	DFT-256QAM	L	Outer_Full	6.90	≤13	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	5.40	≤13	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	5.99	≤13	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	6.61	≤13	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	6.87	≤13	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	7.00	≤13	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	H	Outer_Full	5.38	≤13	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Outer_Full	5.93	≤13	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Outer_Full	6.70	≤13	PASS
N77-3700-3980	30	80	DFT-64QAM	H	Outer_Full	6.95	≤13	PASS
N77-3700-3980	30	80	DFT-256QAM	H	Outer_Full	6.99	≤13	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	L	Outer_Full	8.50	≤13	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Outer_Full	6.00	≤13	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Outer_Full	6.82	≤13	PASS
N77-3700-3980	30	90	DFT-64QAM	L	Outer_Full	6.86	≤13	PASS
N77-3700-3980	30	90	DFT-256QAM	L	Outer_Full	7.04	≤13	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	4.87	≤13	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	8.31	≤13	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	8.45	≤13	PASS

N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	8.34	≤13	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	7.10	≤13	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	H	Outer_Full	4.73	≤13	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Outer_Full	6.00	≤13	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Outer_Full	6.70	≤13	PASS
N77-3700-3980	30	90	DFT-64QAM	H	Outer_Full	6.91	≤13	PASS
N77-3700-3980	30	90	DFT-256QAM	H	Outer_Full	7.06	≤13	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	5.61	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	6.08	≤13	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	6.72	≤13	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	6.82	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	6.92	≤13	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	5.49	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	5.99	≤13	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	6.69	≤13	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	6.95	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	6.90	≤13	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	5.46	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	5.96	≤13	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	6.75	≤13	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	6.93	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	7.02	≤13	PASS

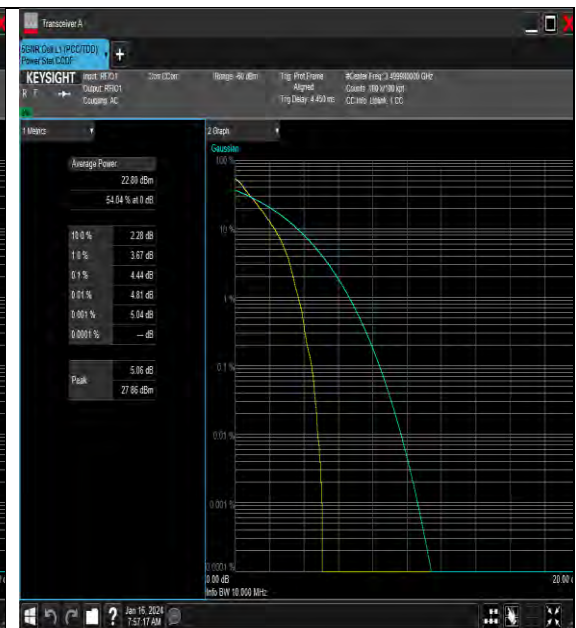
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	6.05	≤13	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.46	≤13	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	7.02	≤13	PASS

Test Graphs

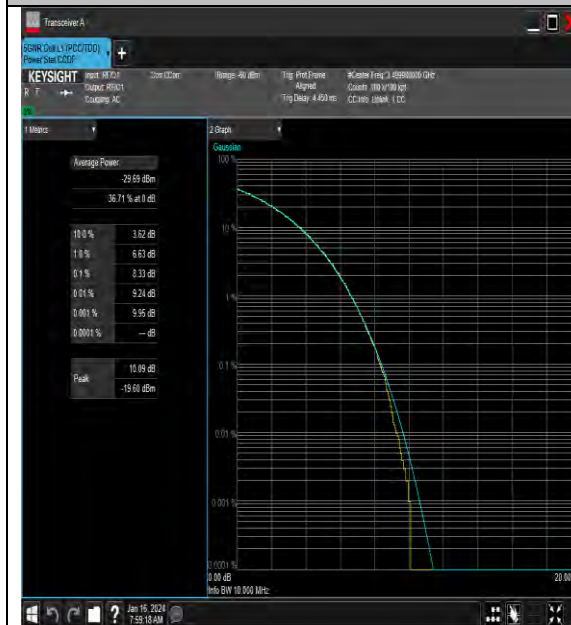




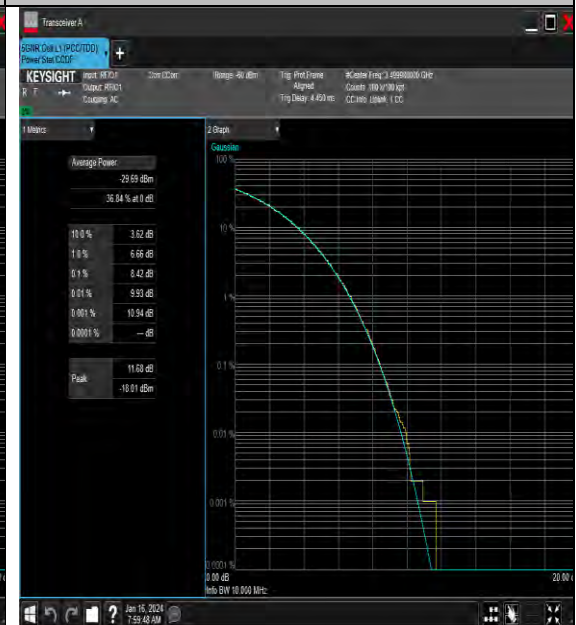
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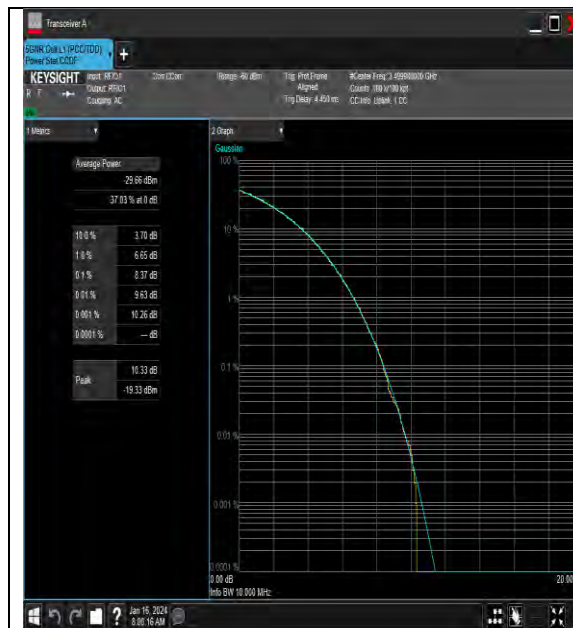
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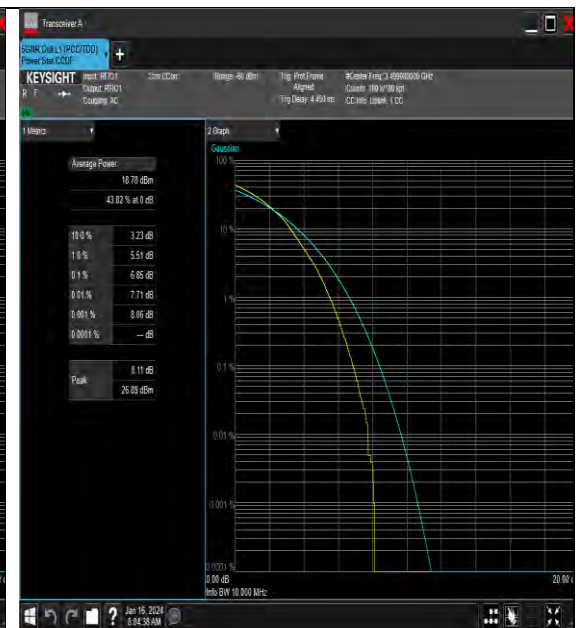
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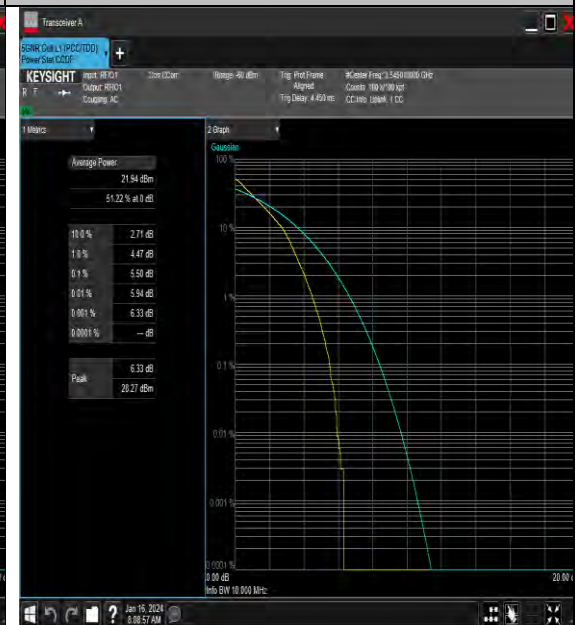
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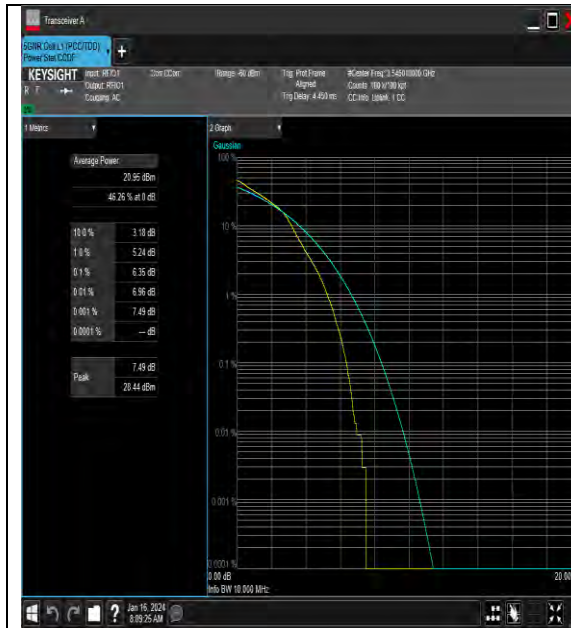
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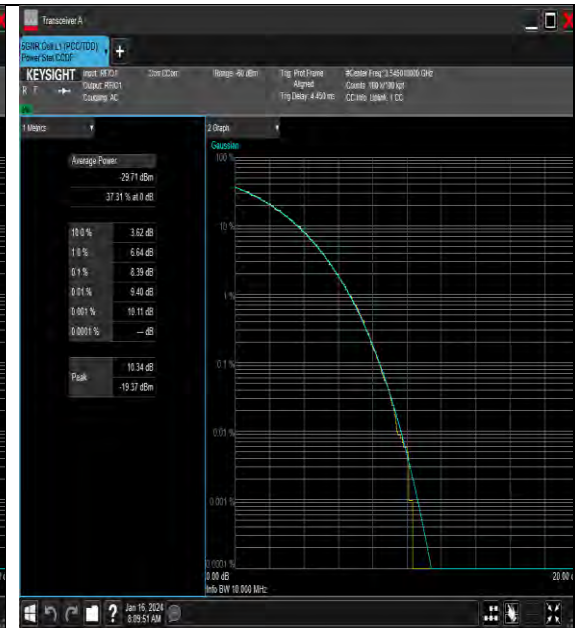
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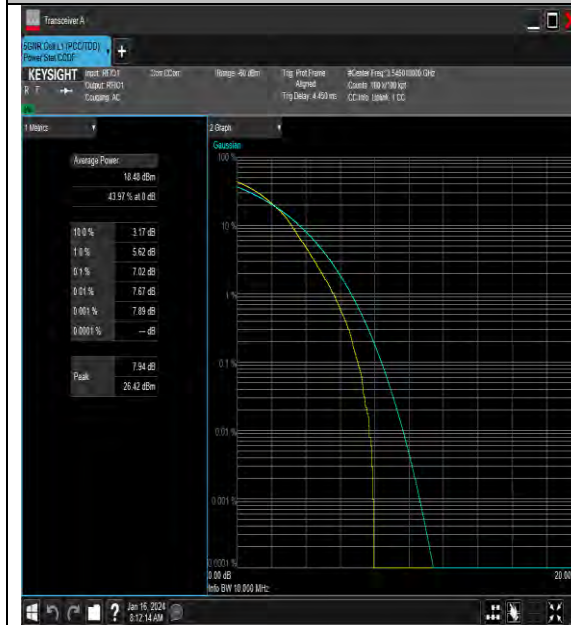
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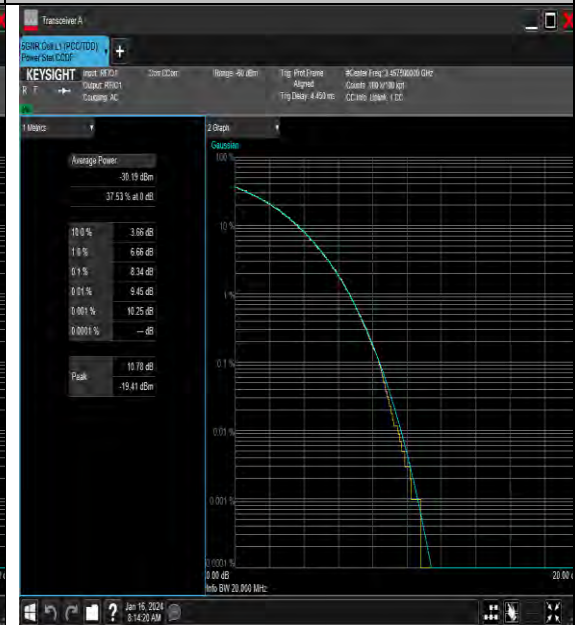
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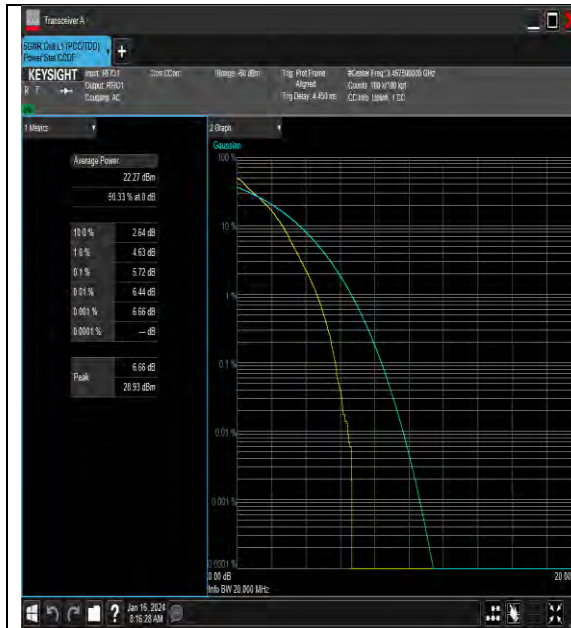
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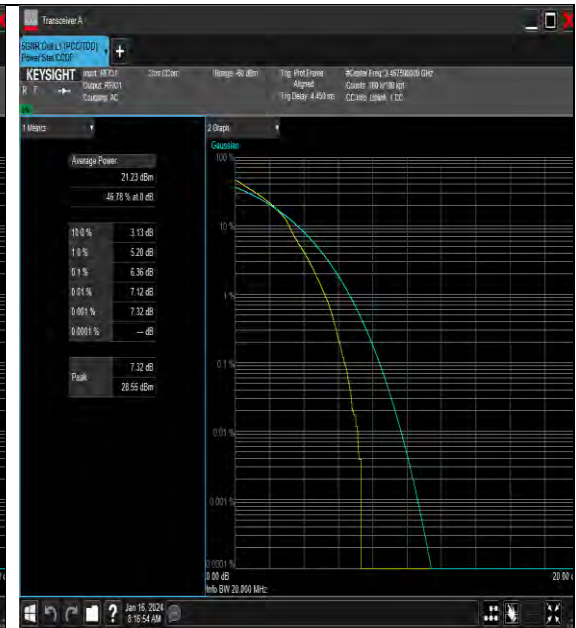
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NTNV_N77-3450-3550_PC3_30_15_L_TID1_#1



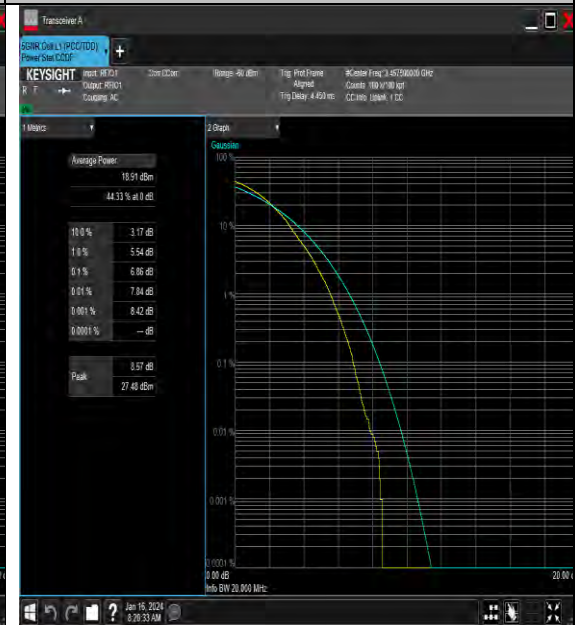
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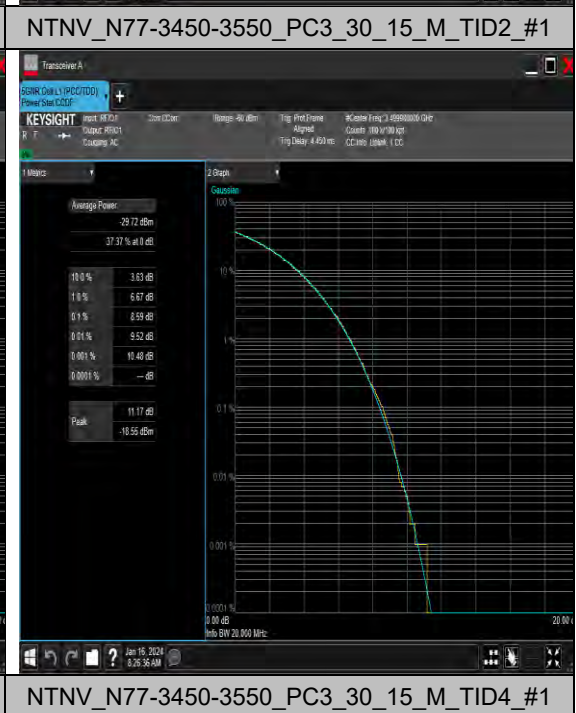
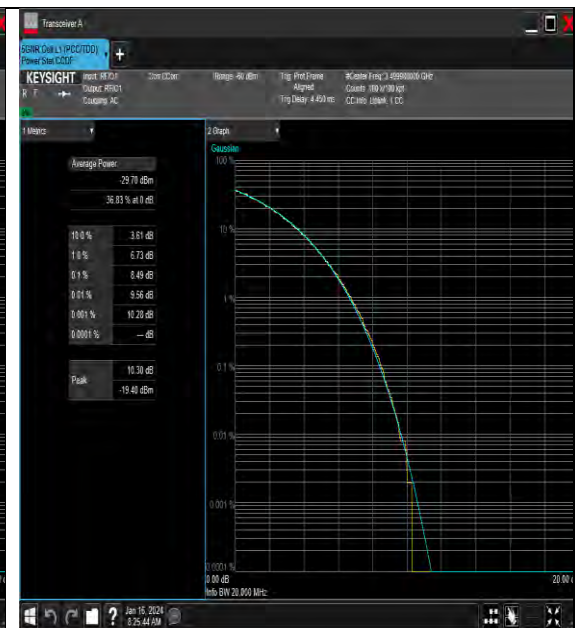
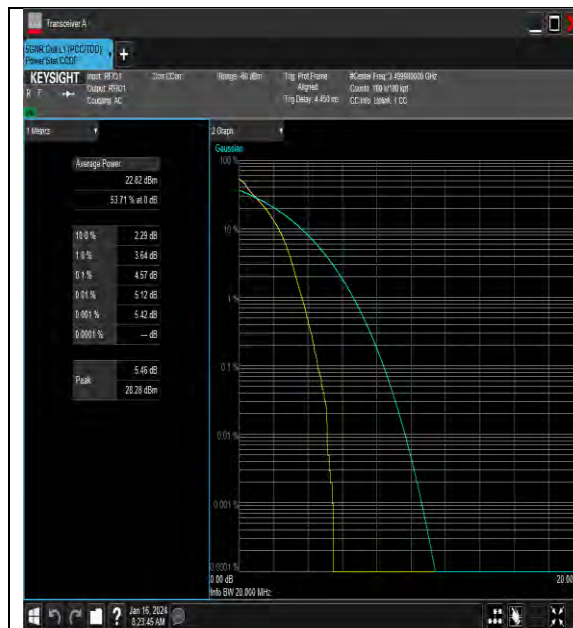
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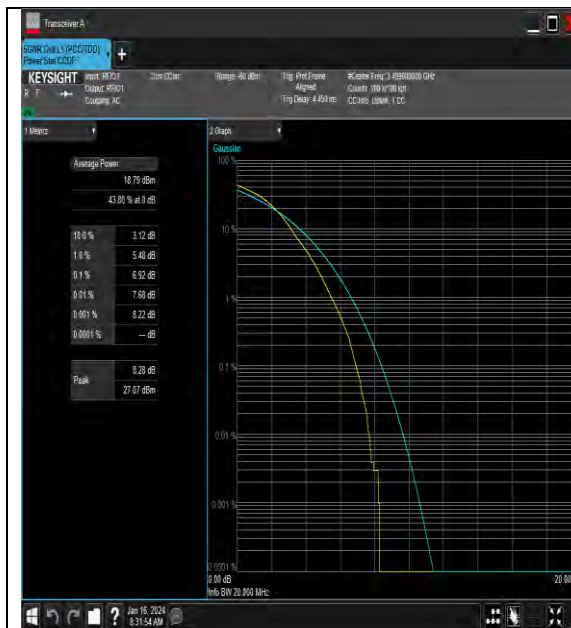


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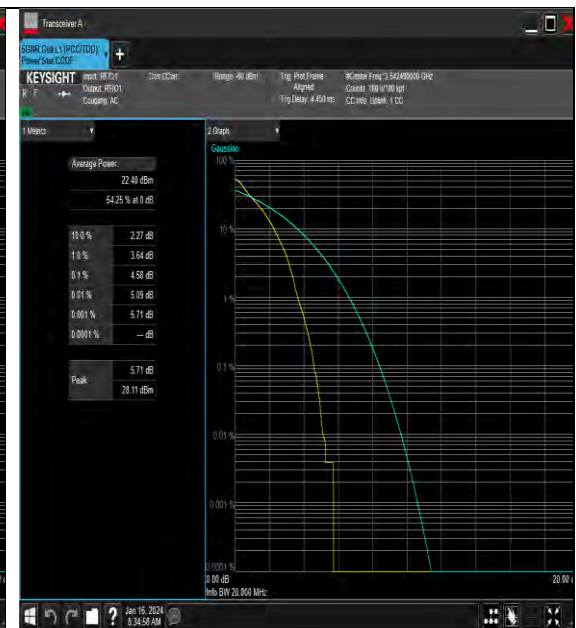


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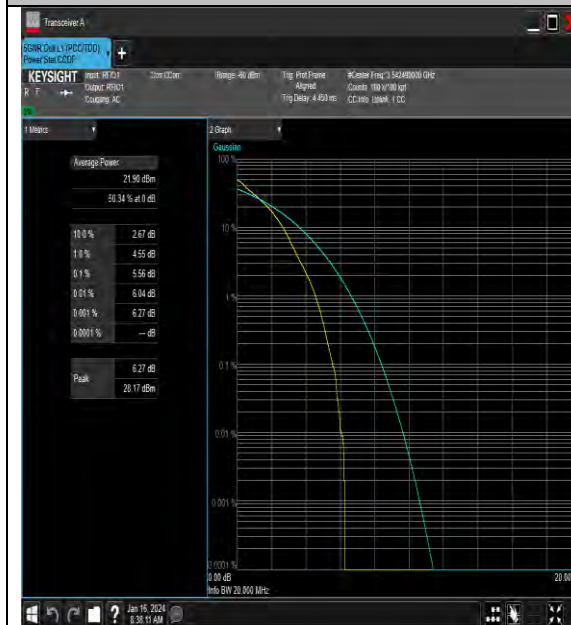




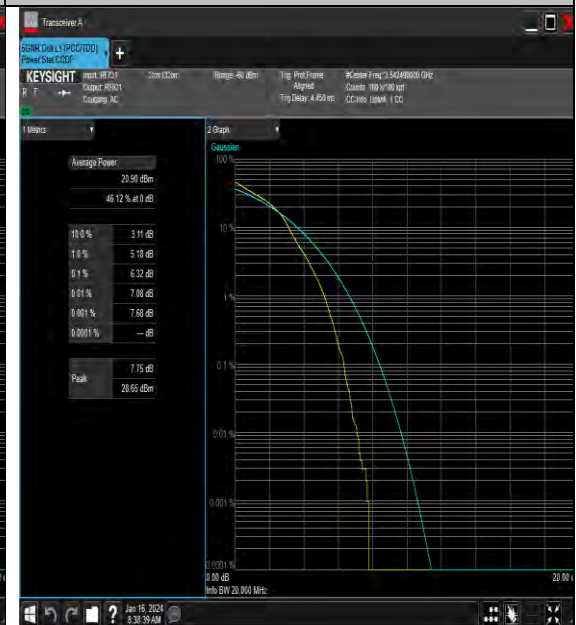
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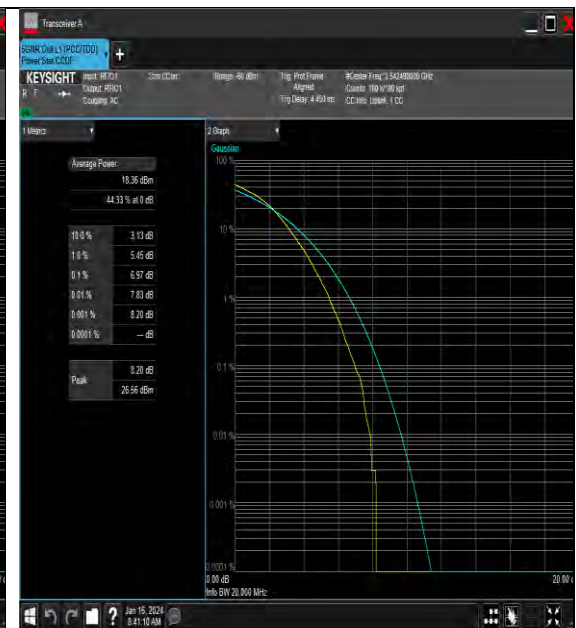
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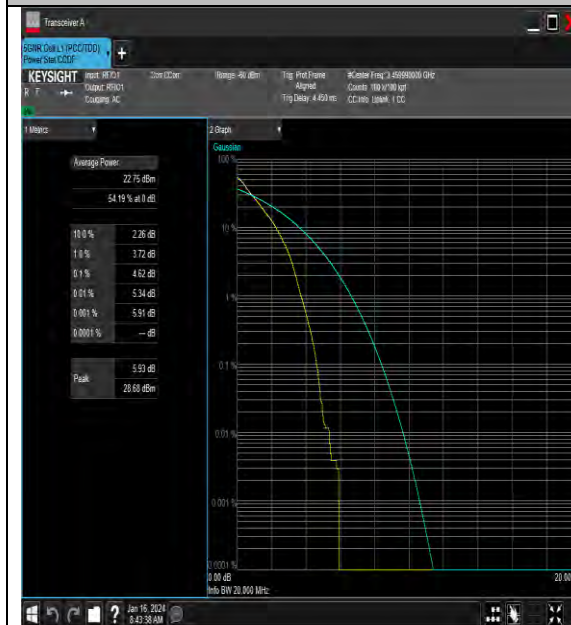
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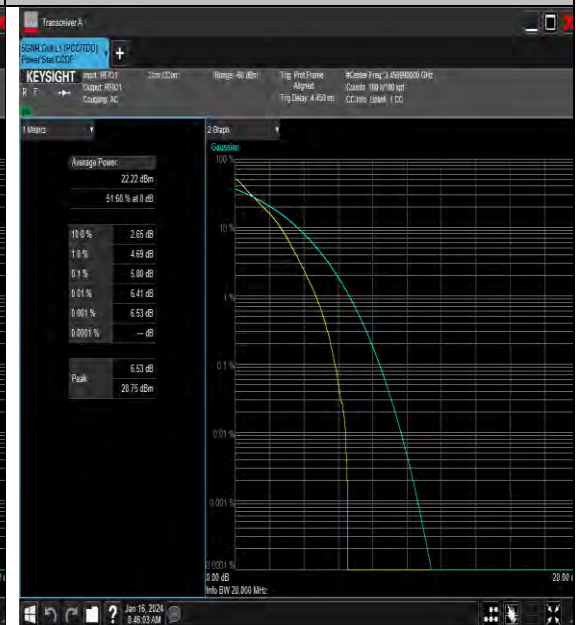
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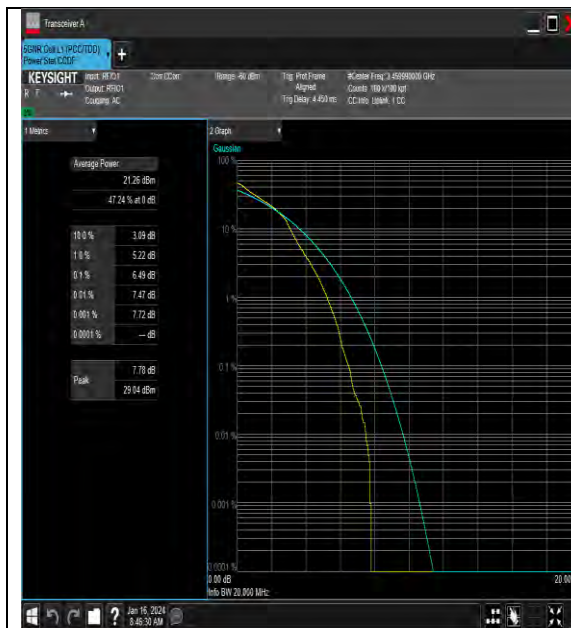
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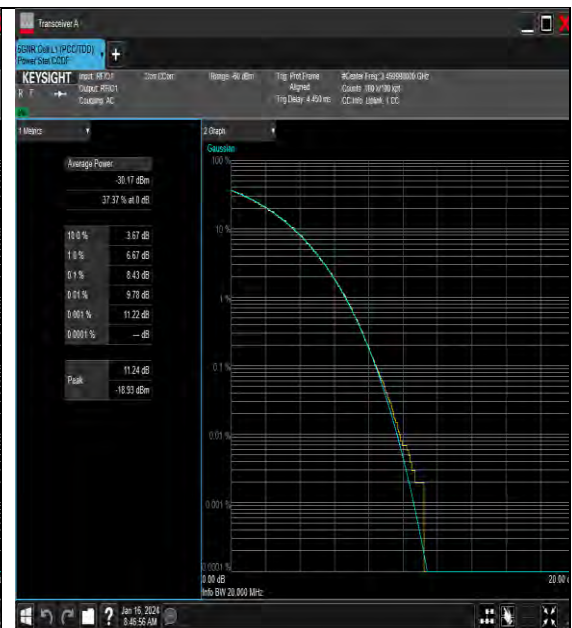
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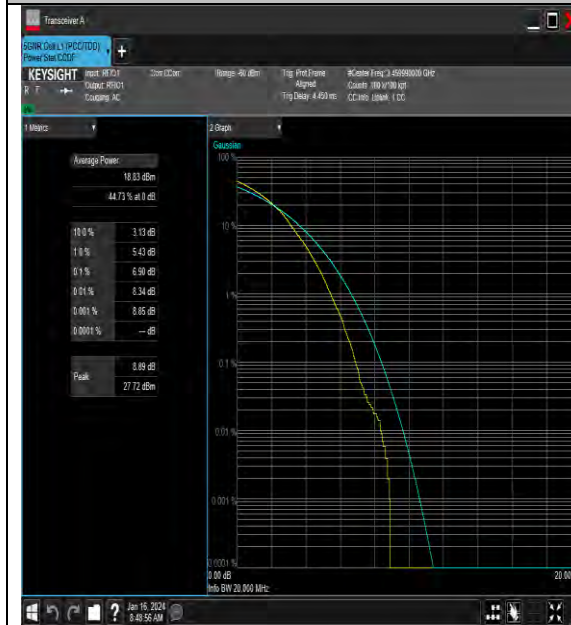
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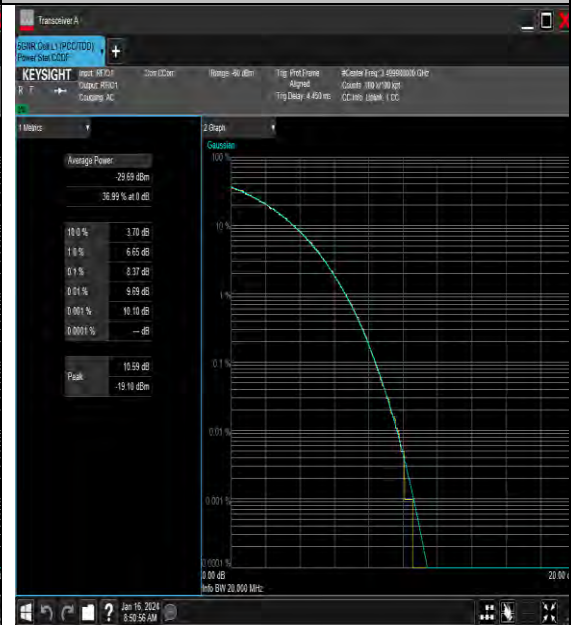
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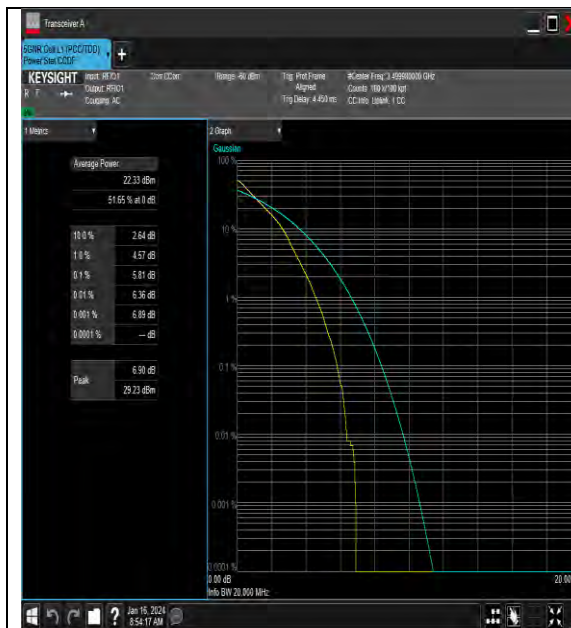
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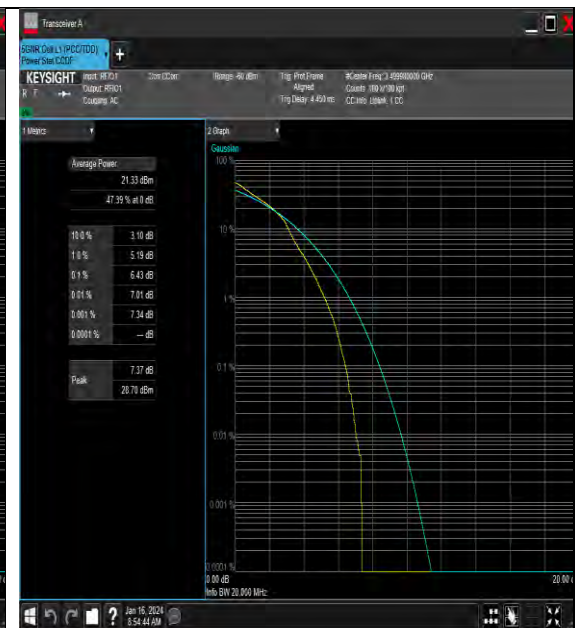
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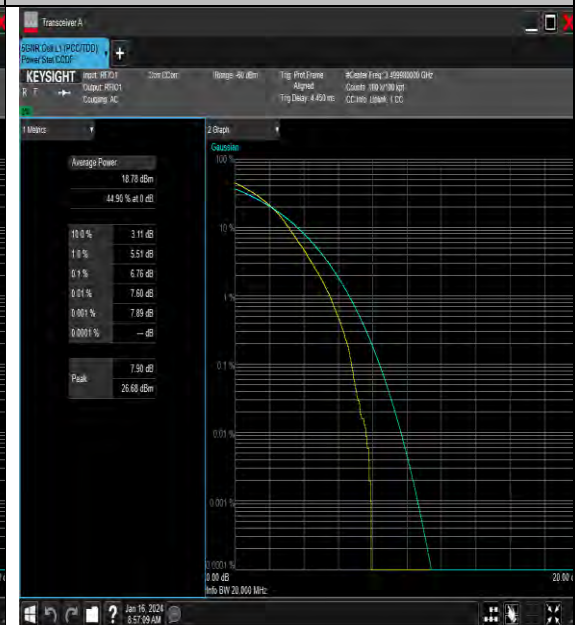
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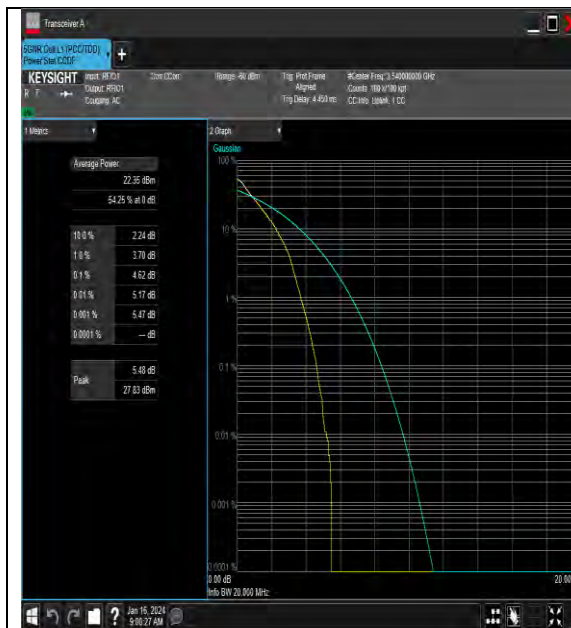
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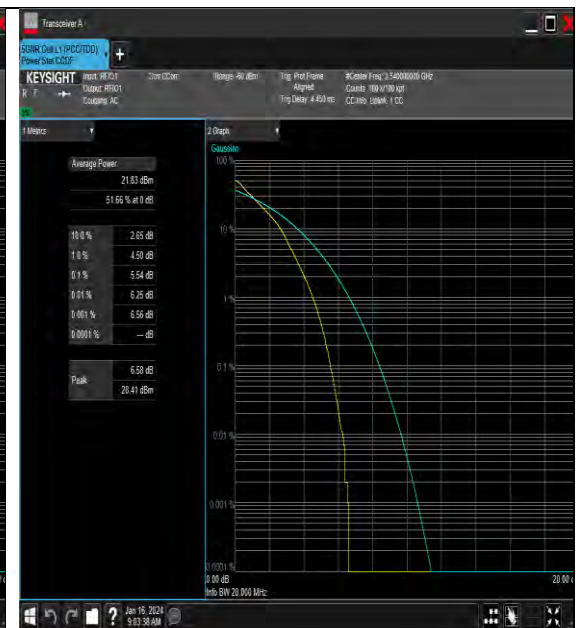
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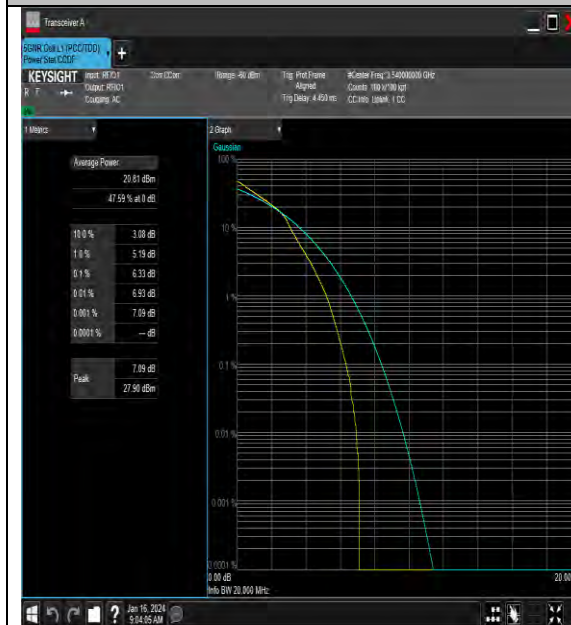
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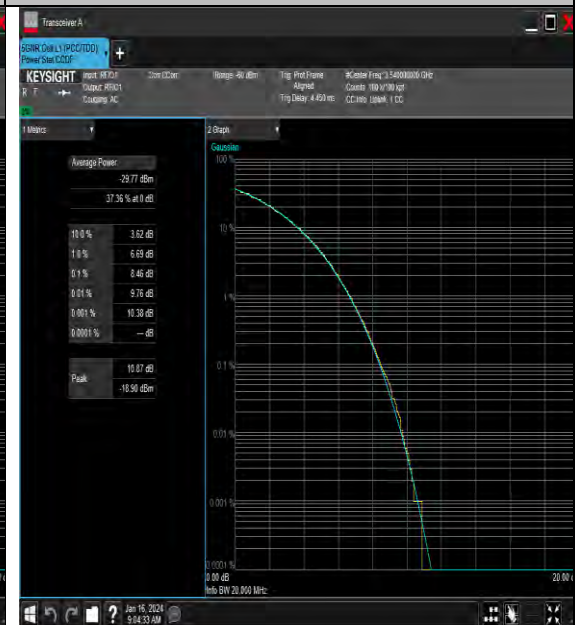
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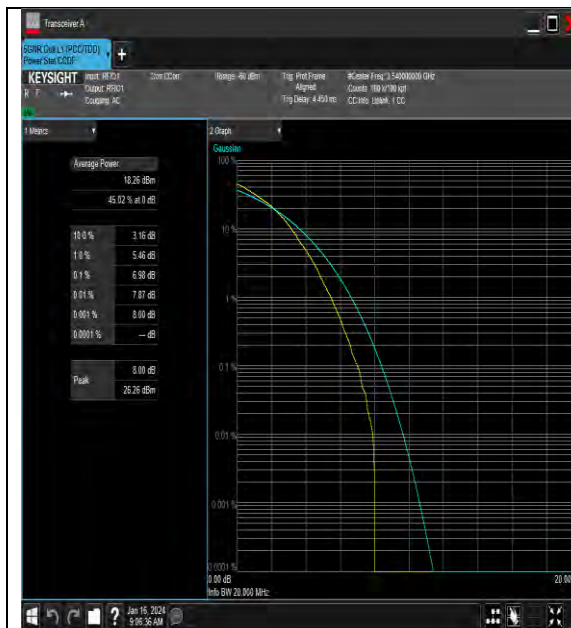
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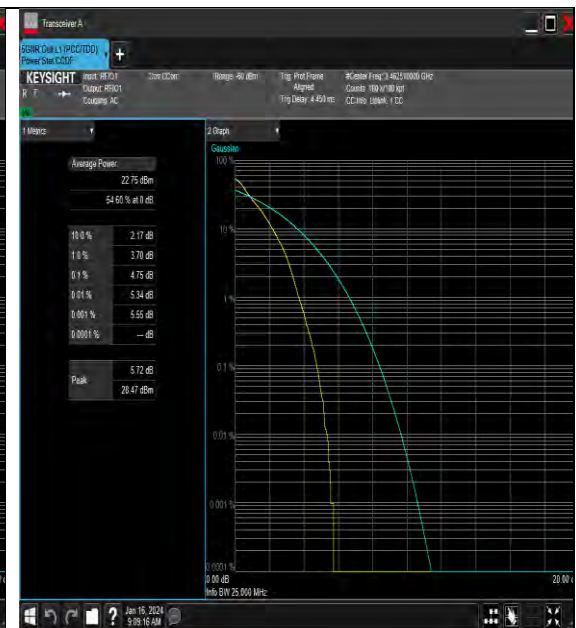
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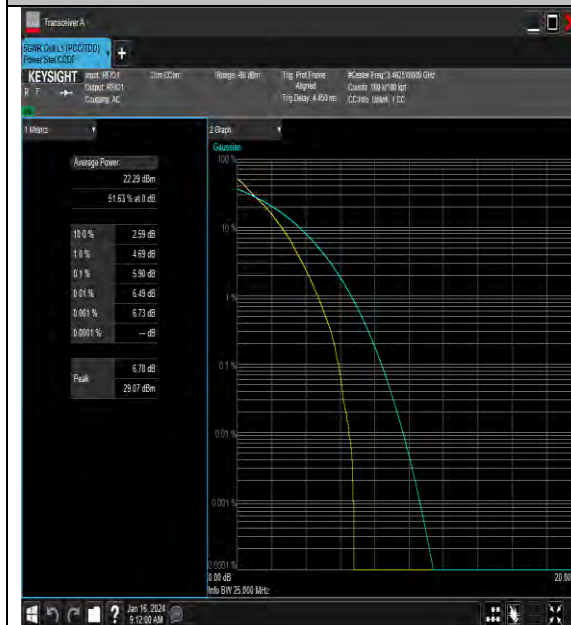
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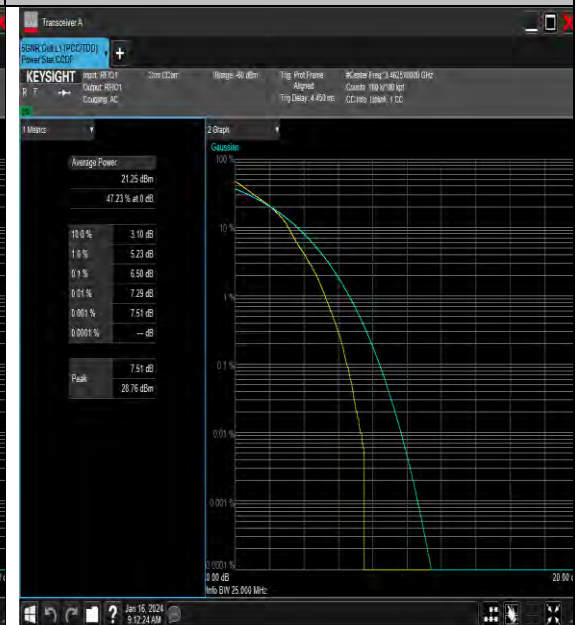
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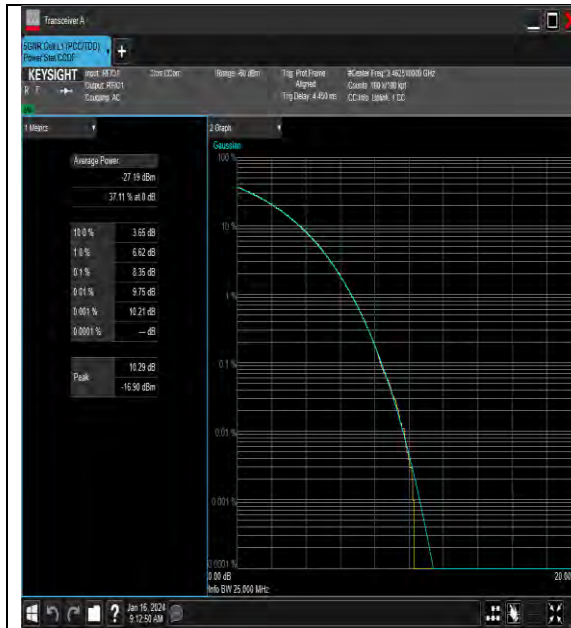
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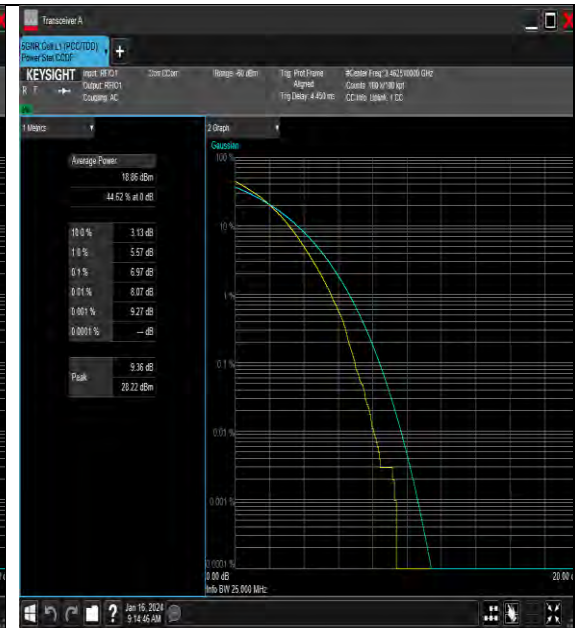
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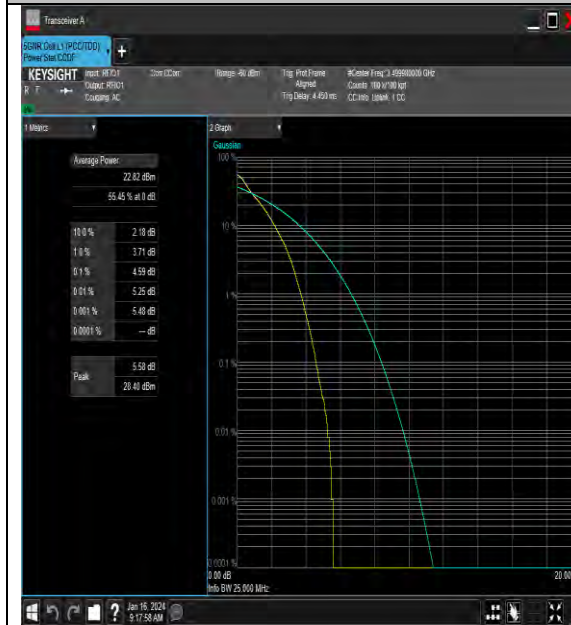
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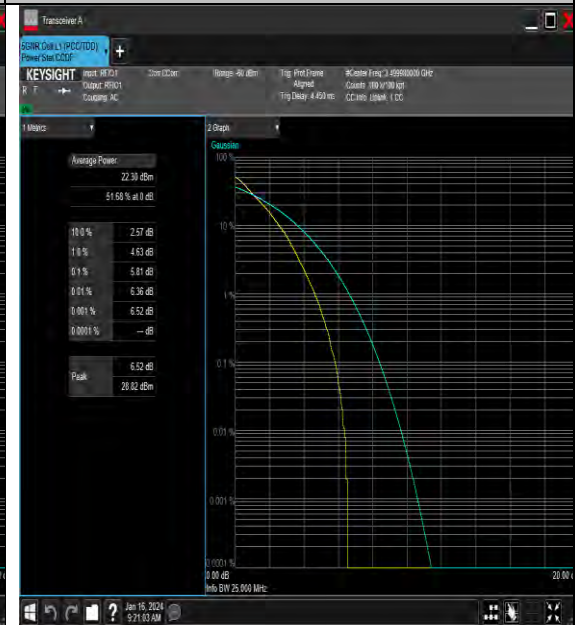
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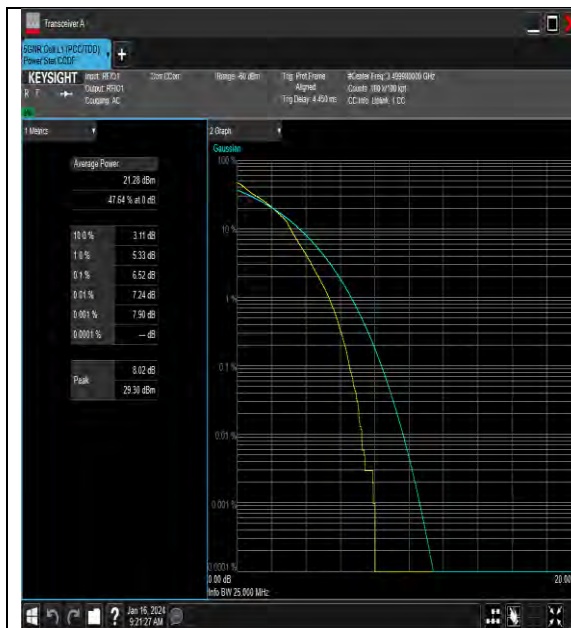
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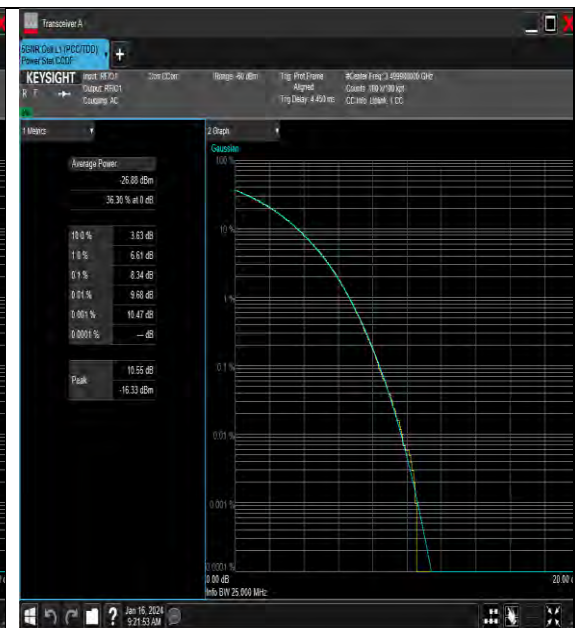
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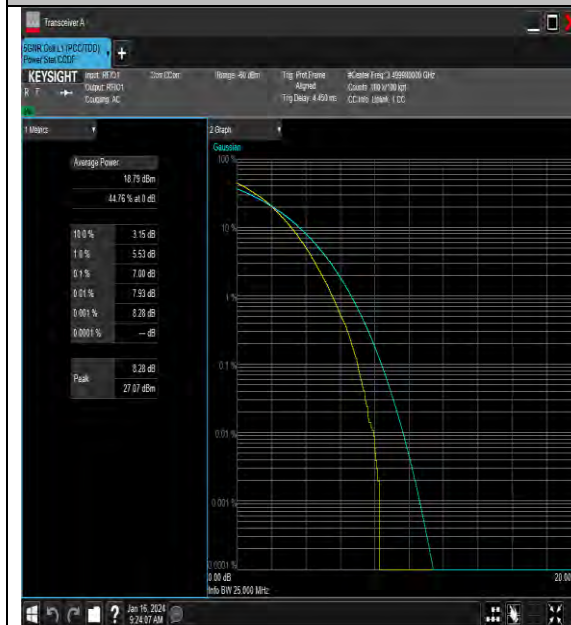
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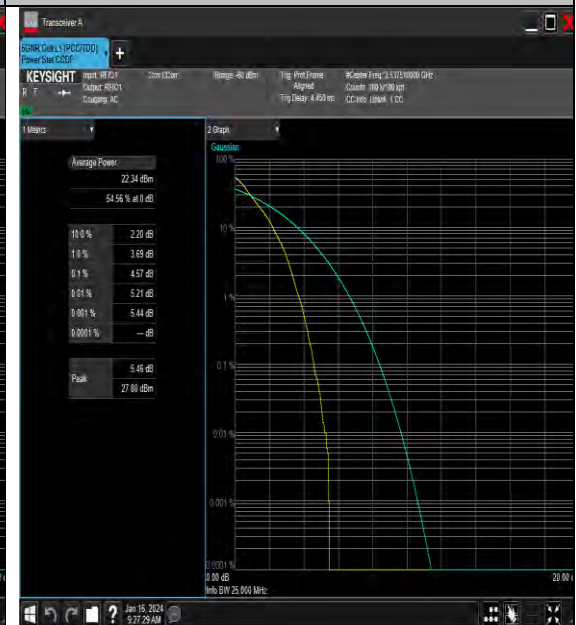
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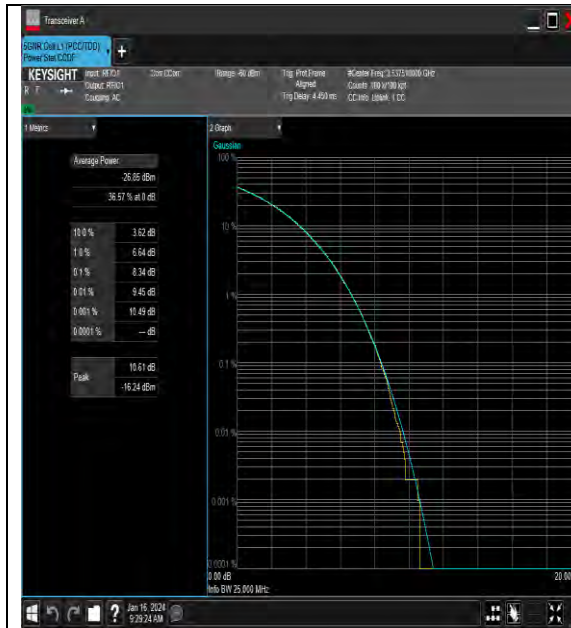
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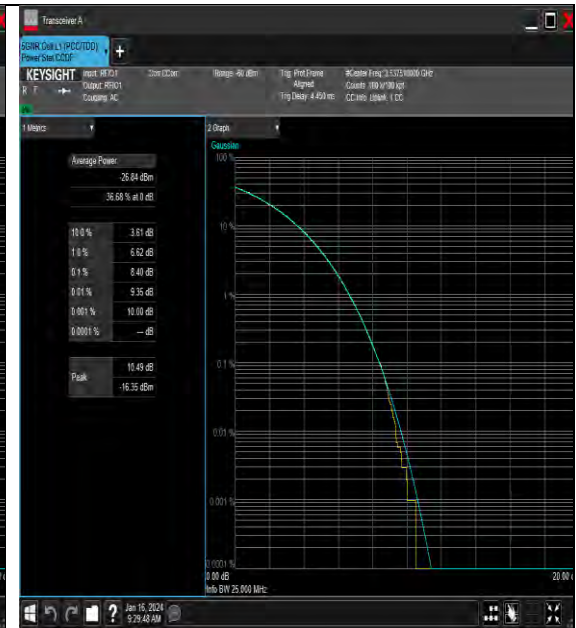
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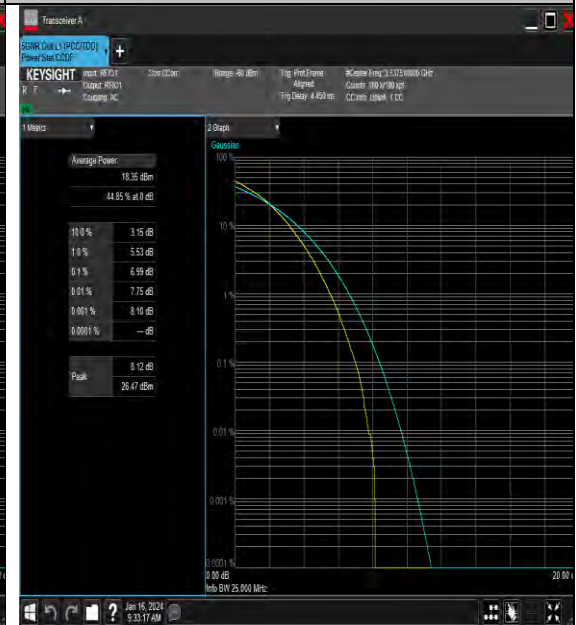
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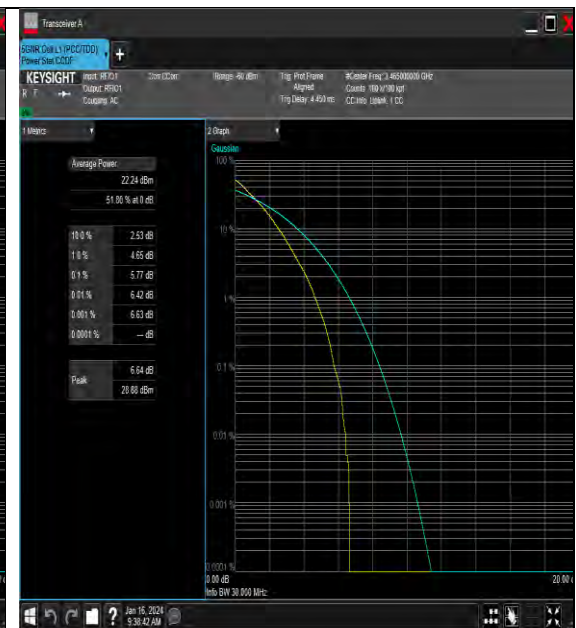
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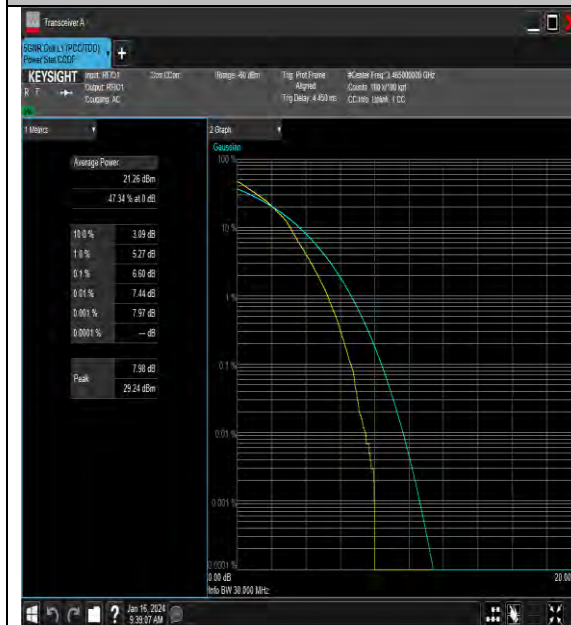
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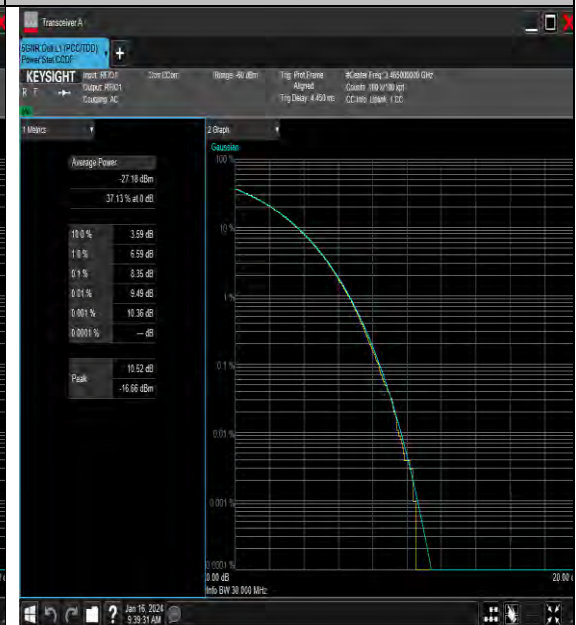
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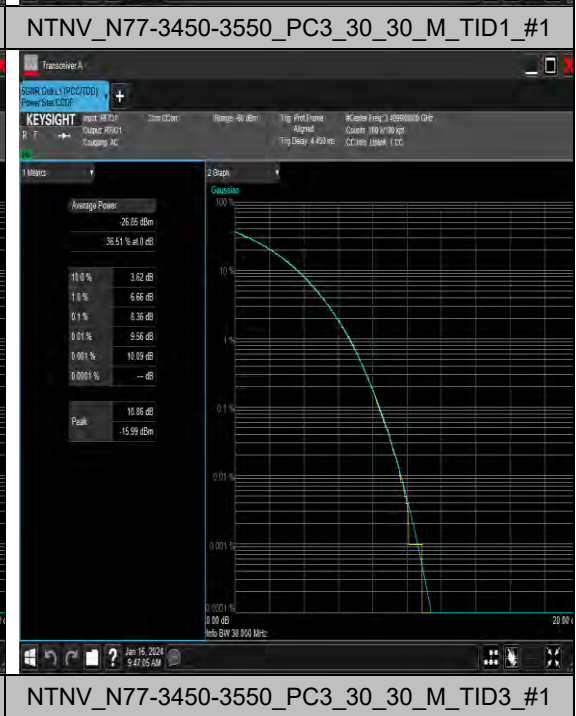
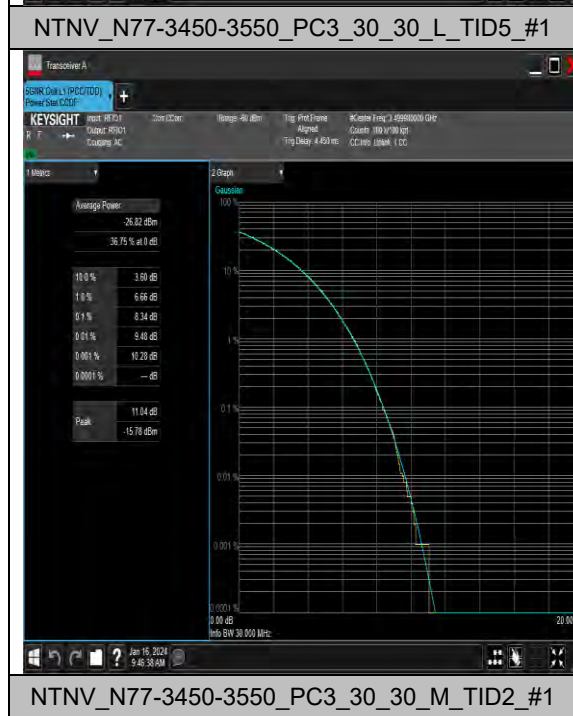
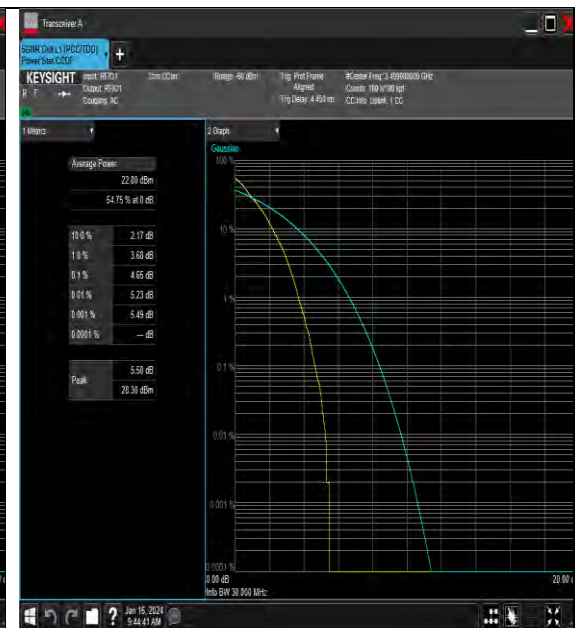
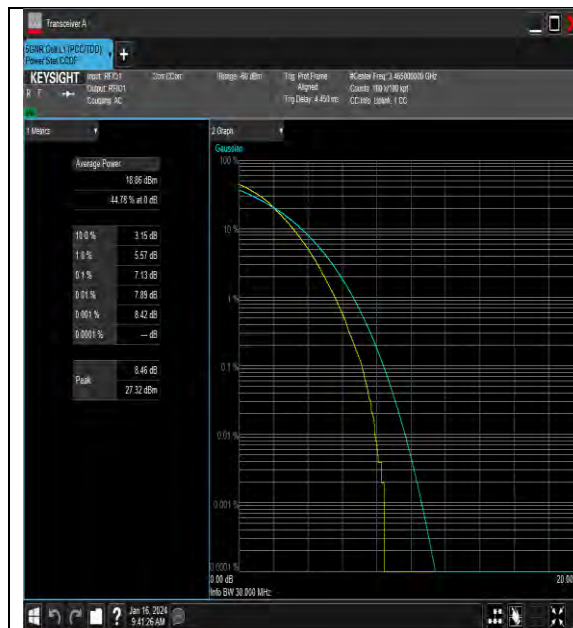
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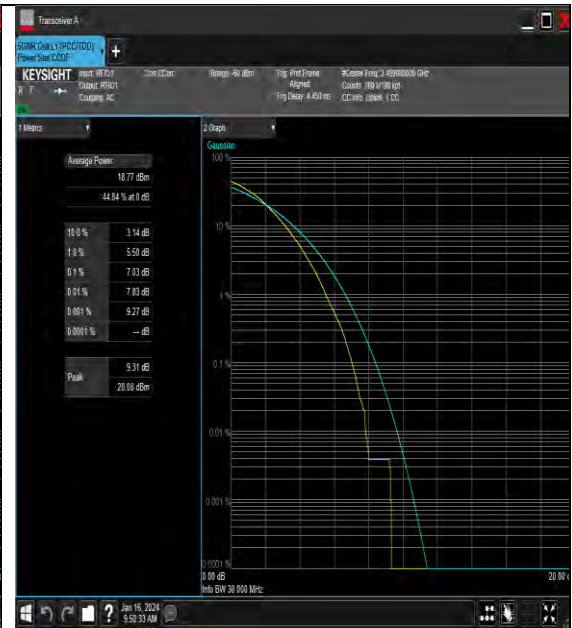


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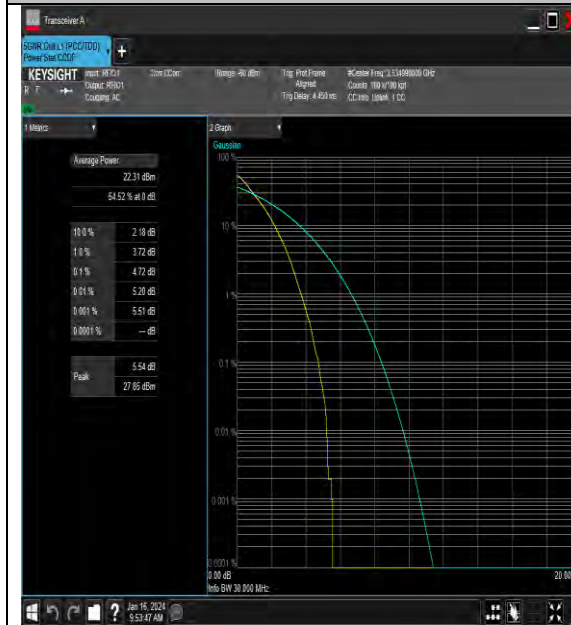




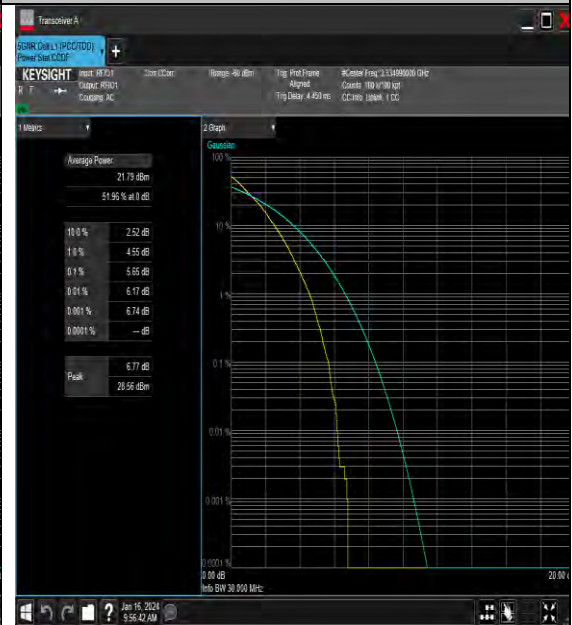
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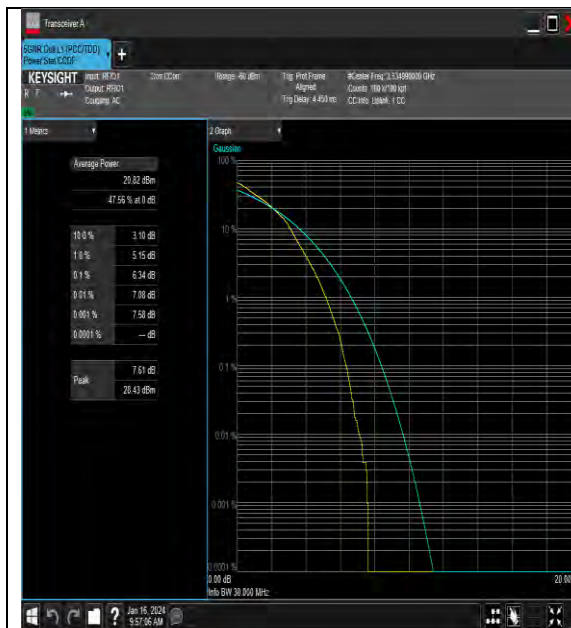
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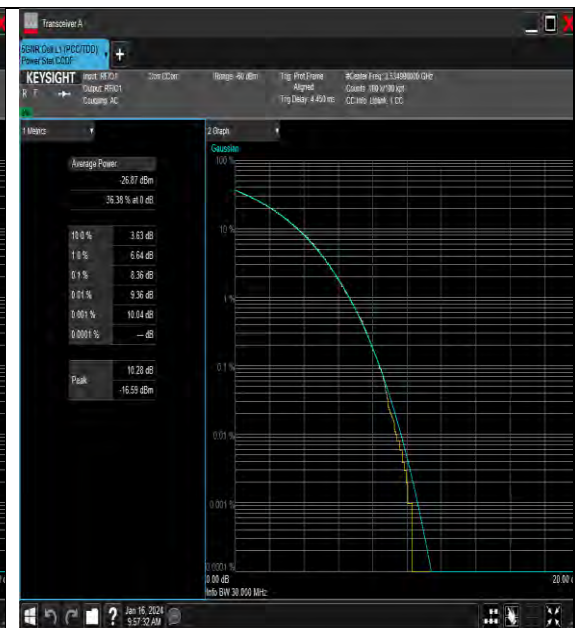
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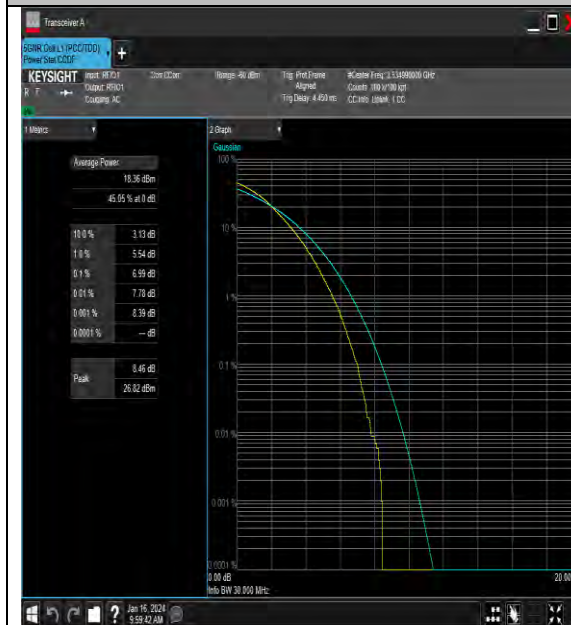
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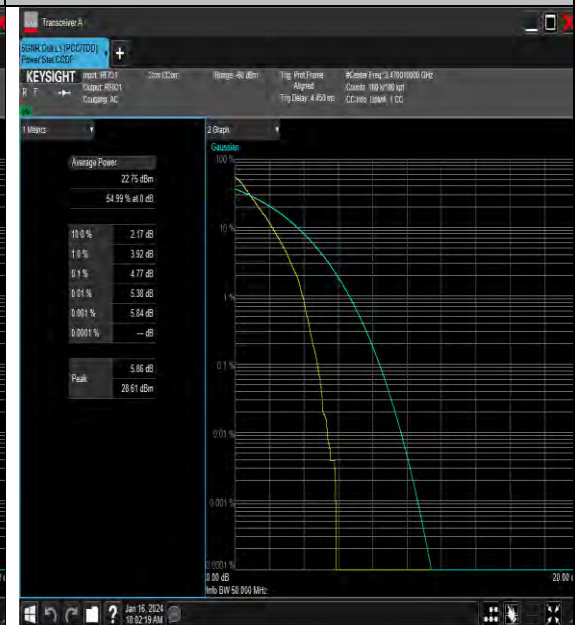
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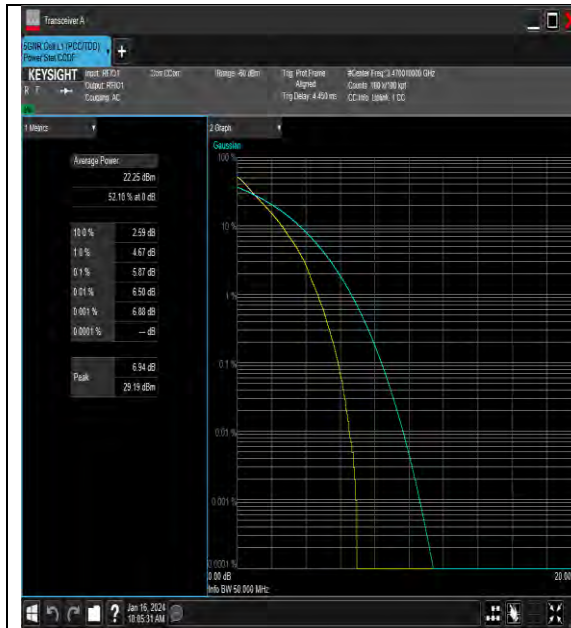
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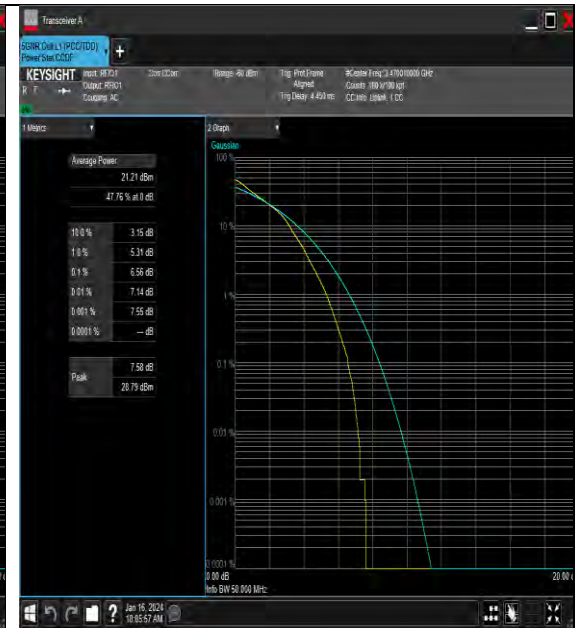
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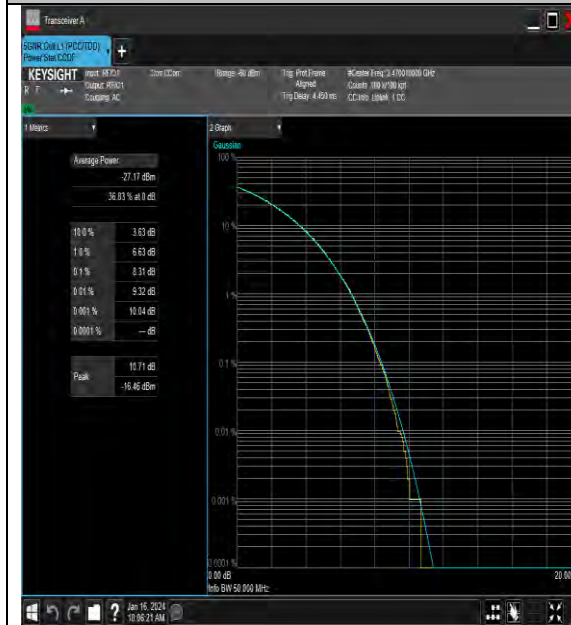
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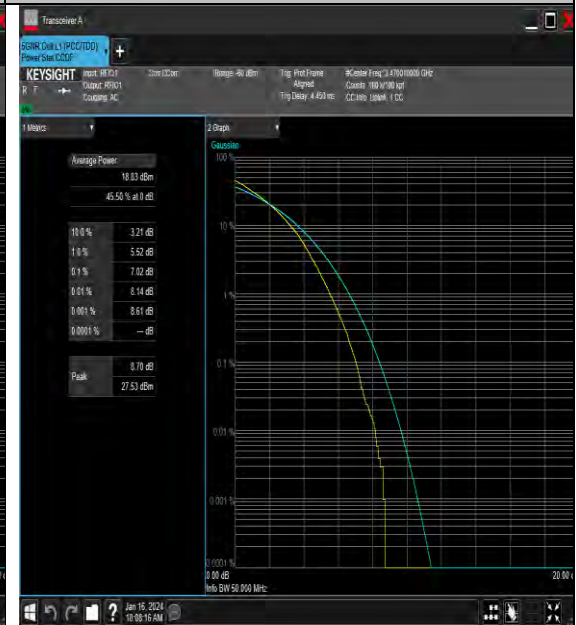
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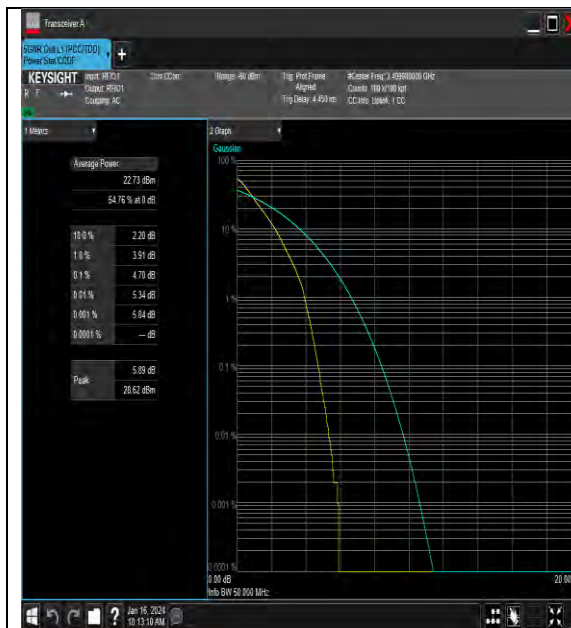
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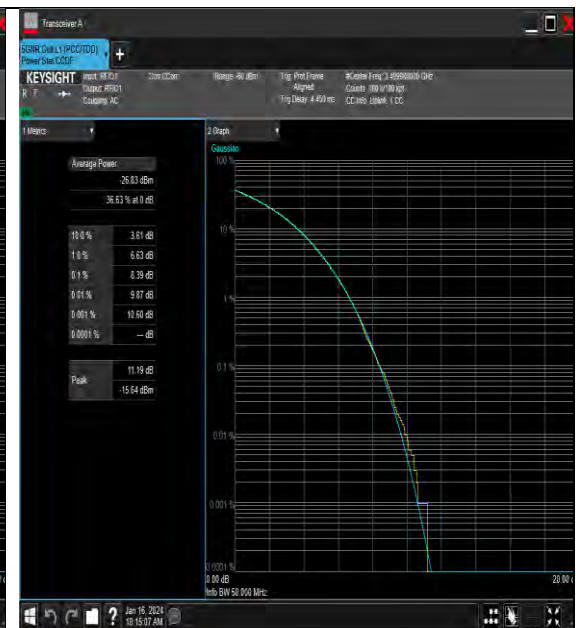
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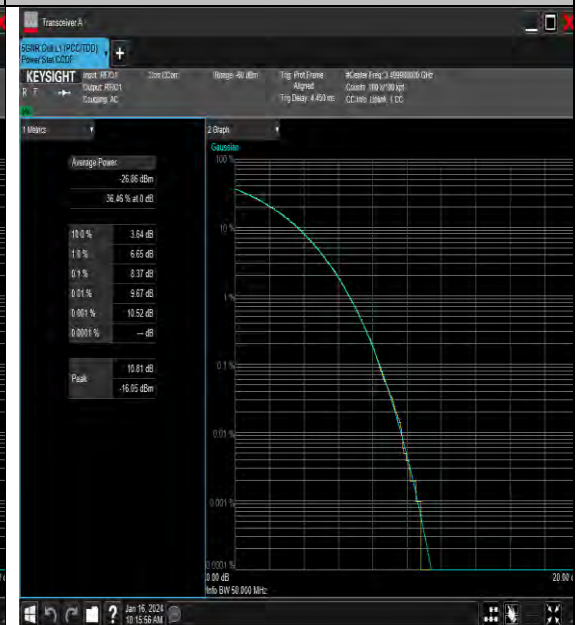
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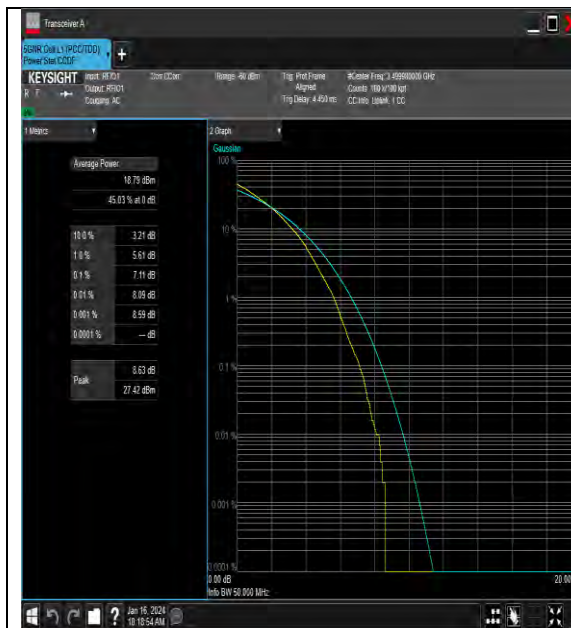
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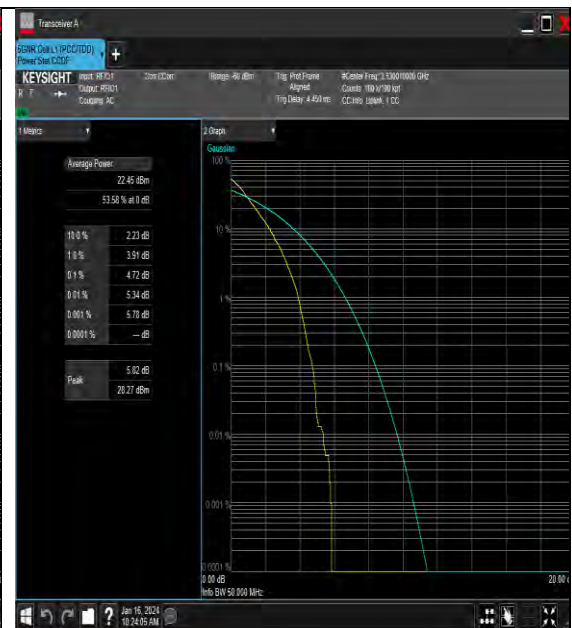
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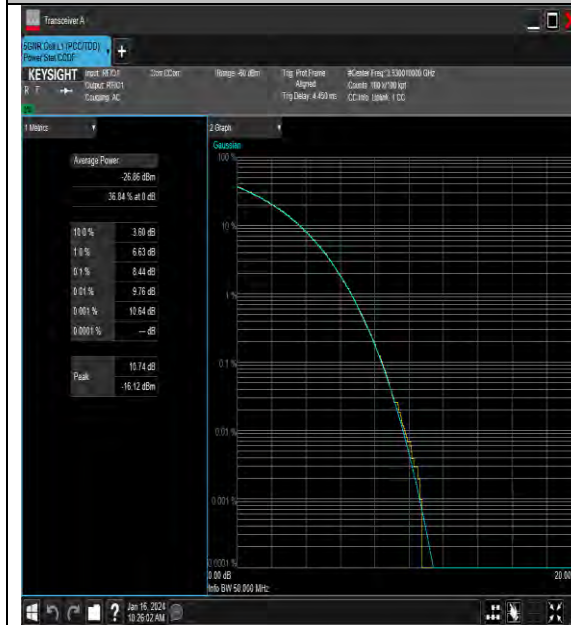
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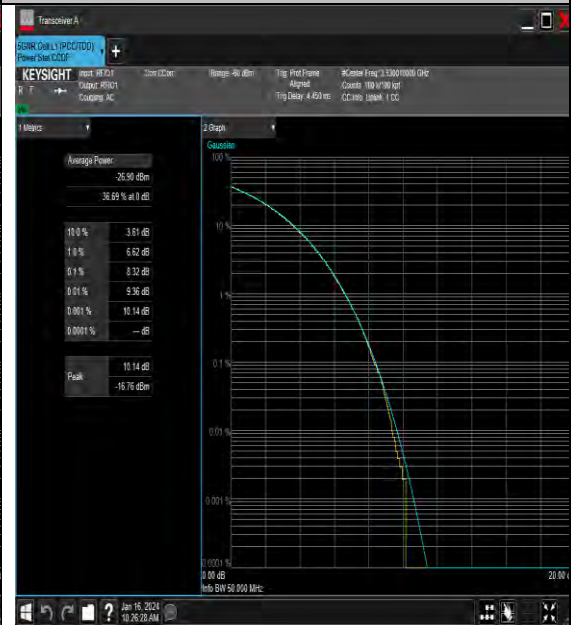
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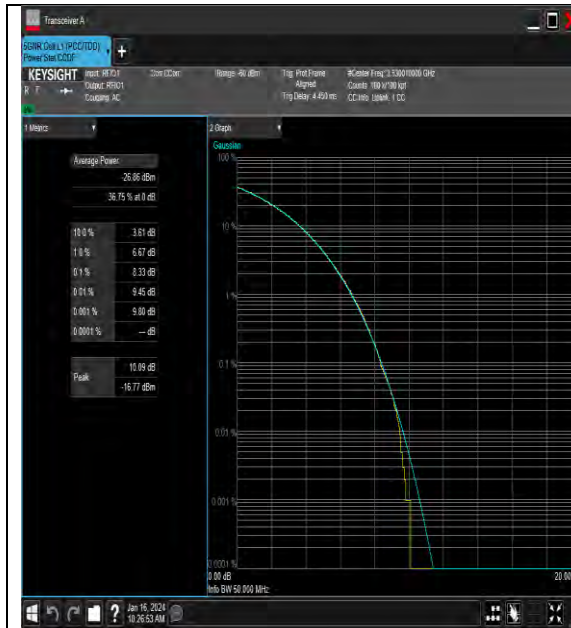
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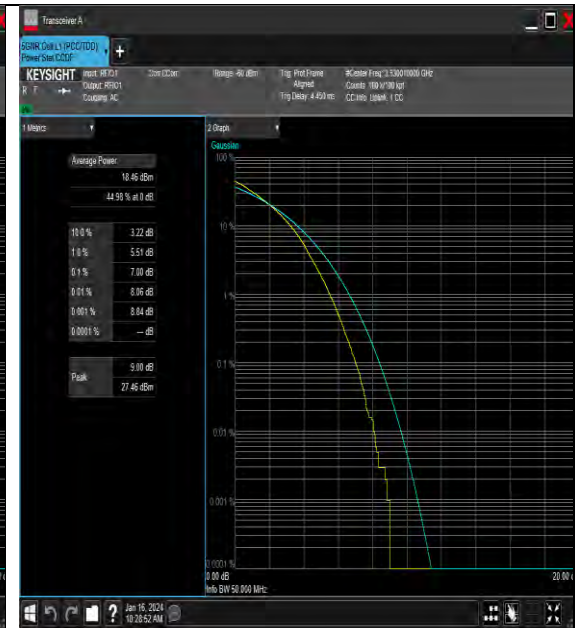
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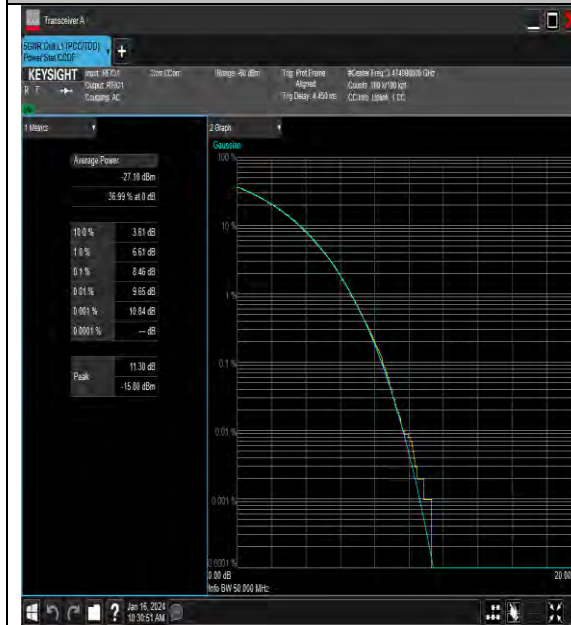
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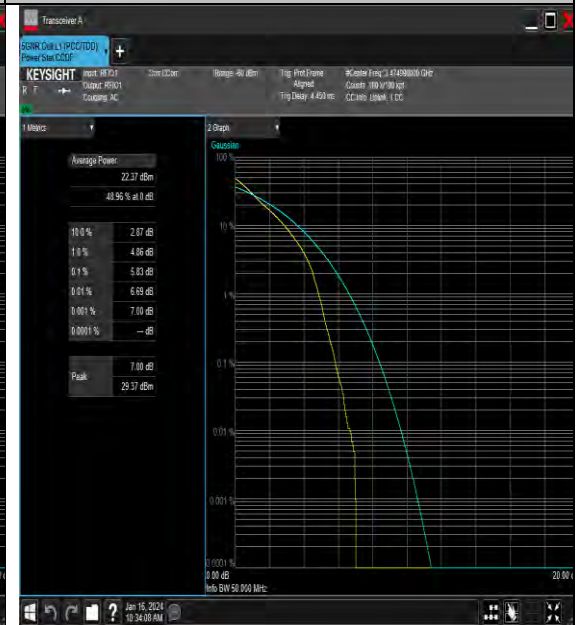
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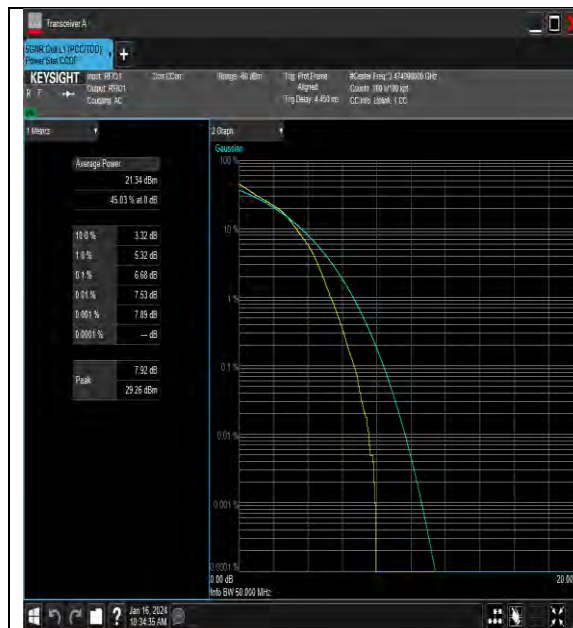
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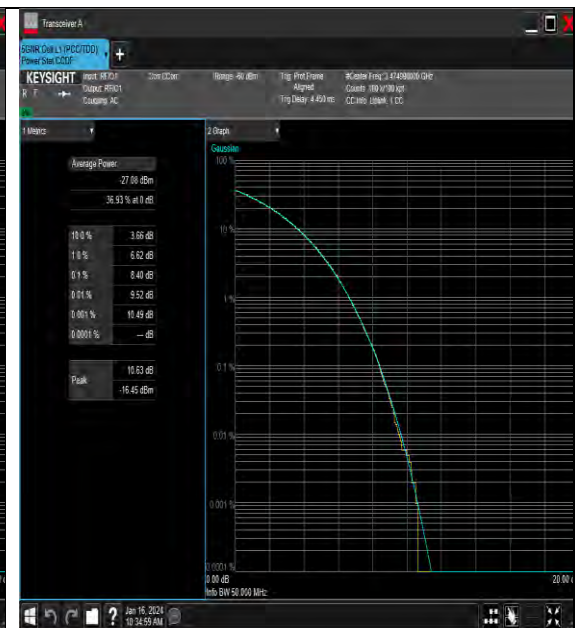
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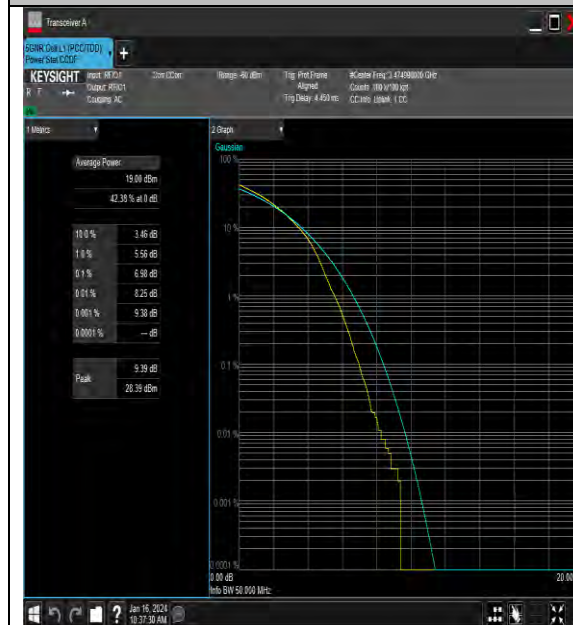
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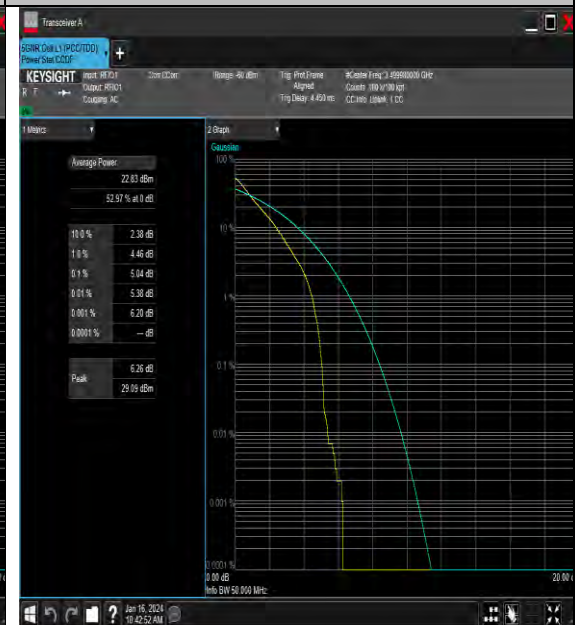
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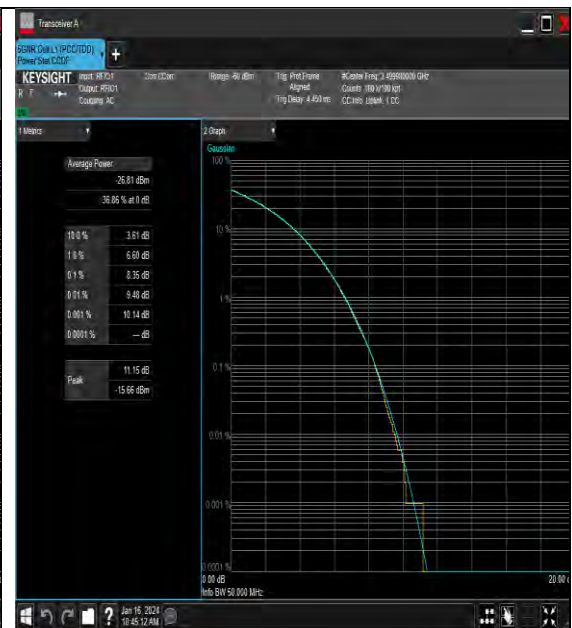
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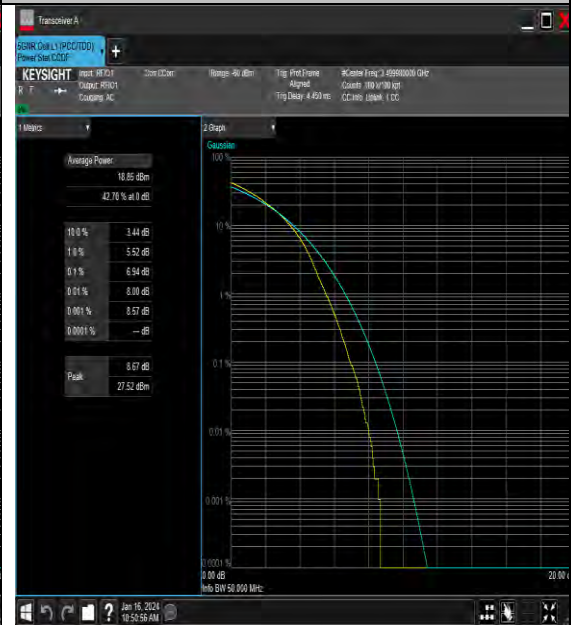
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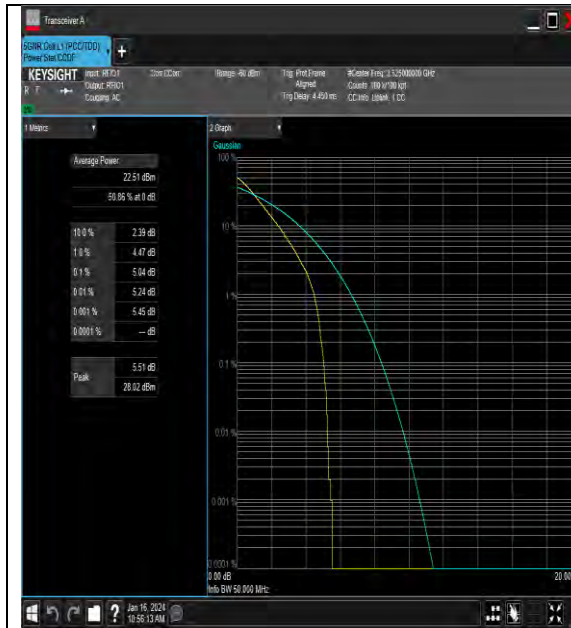
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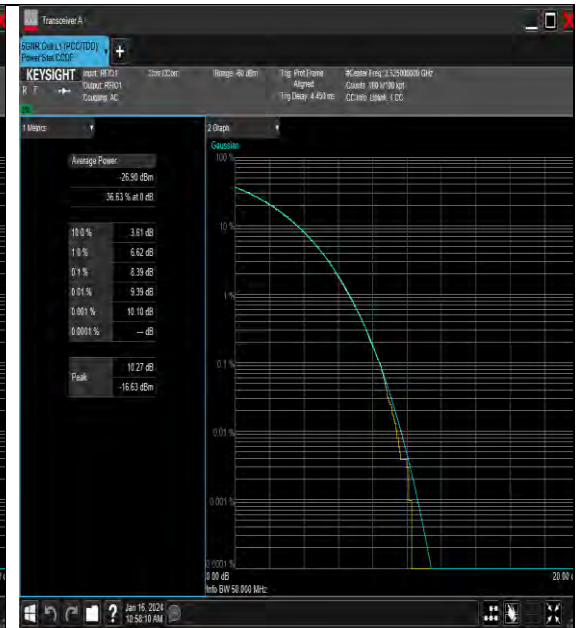
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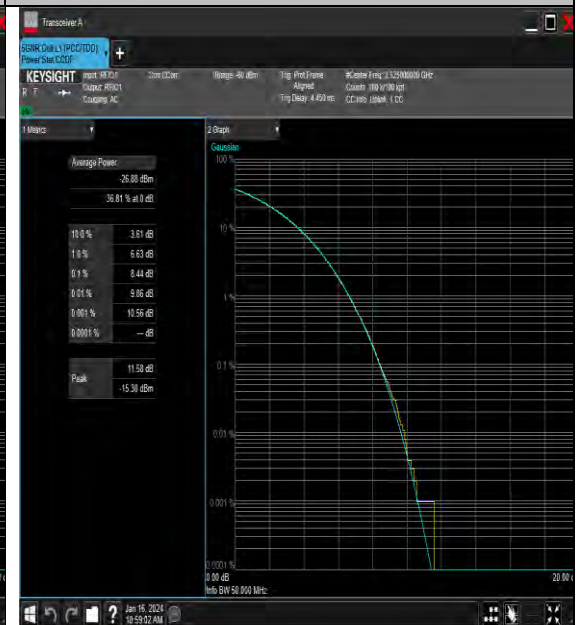
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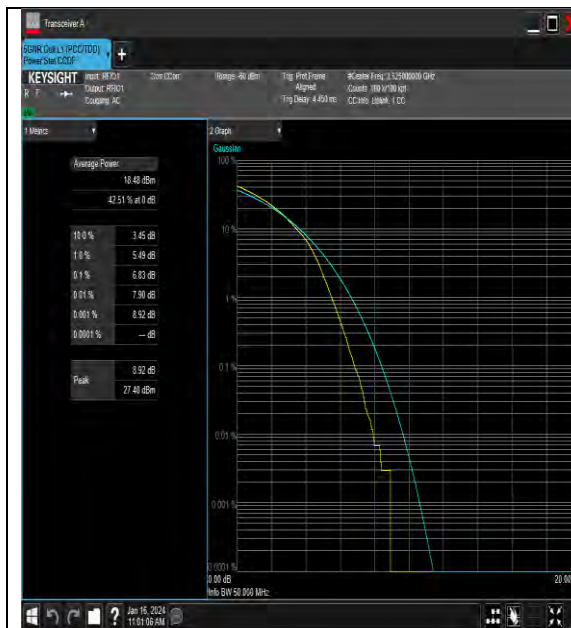
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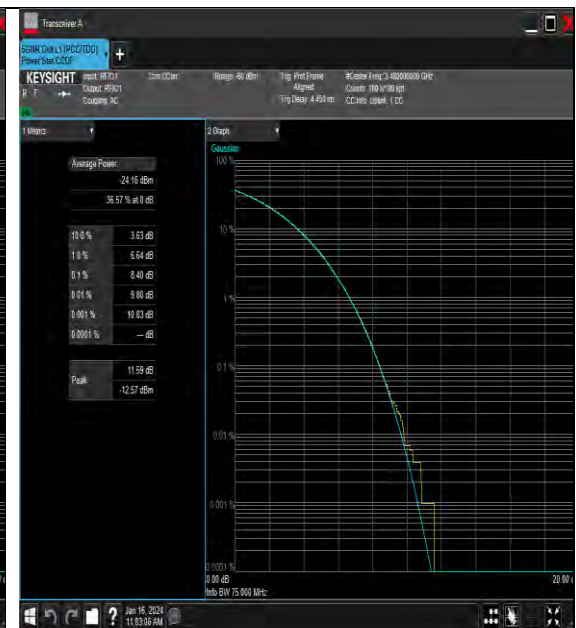
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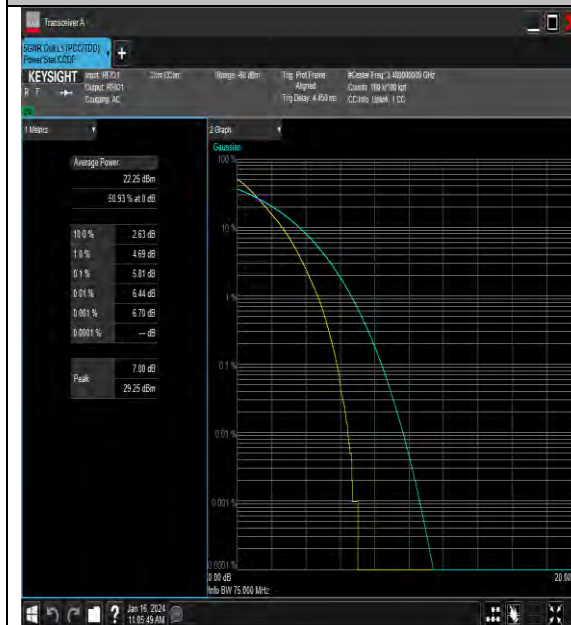
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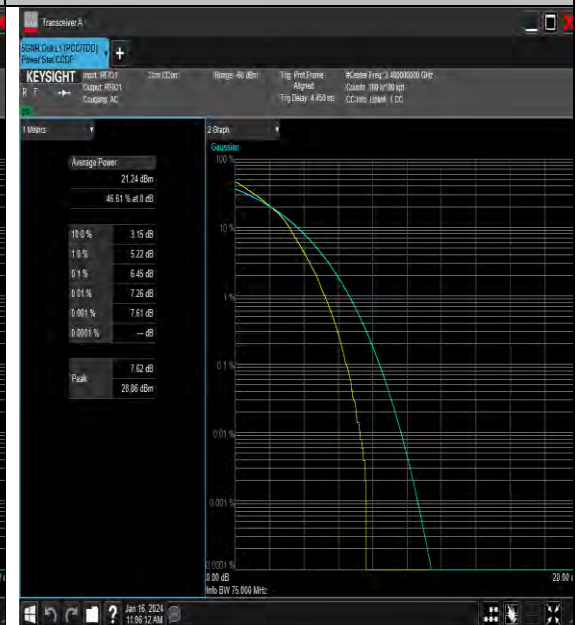
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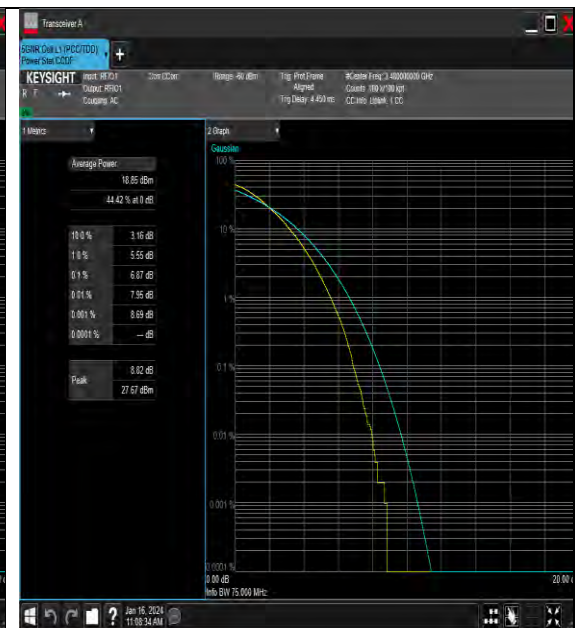
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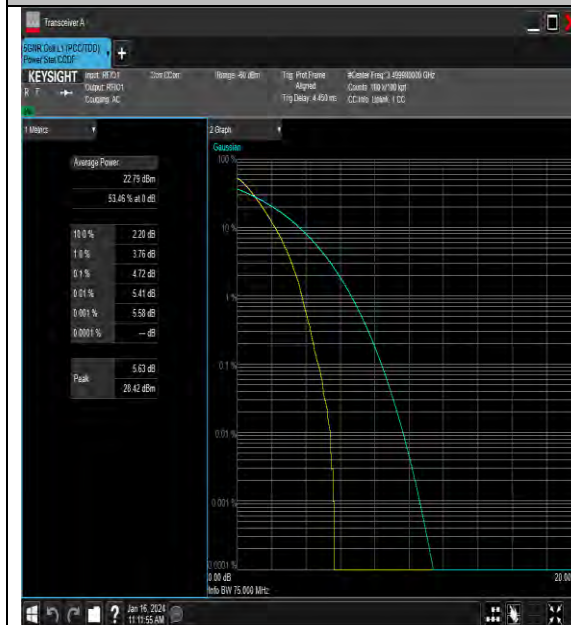
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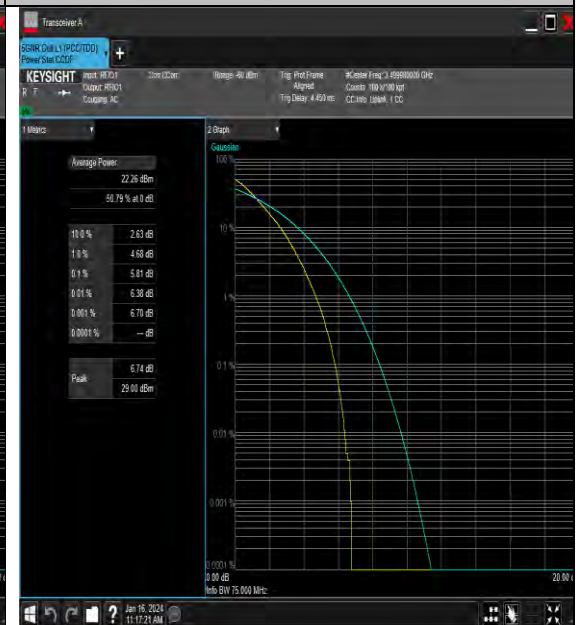
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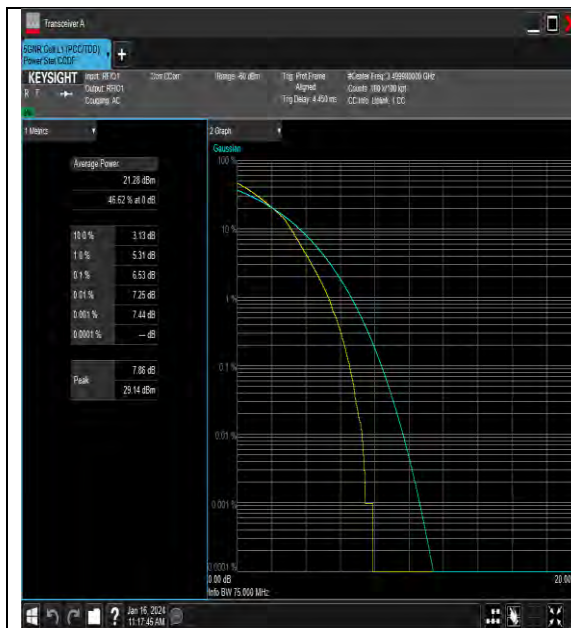
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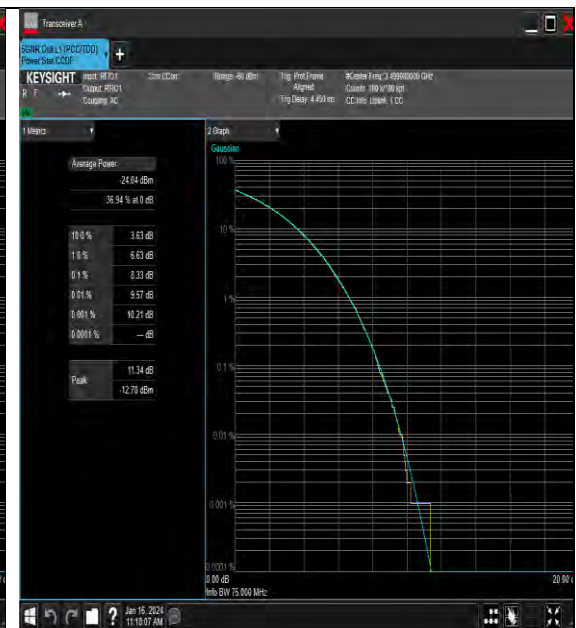
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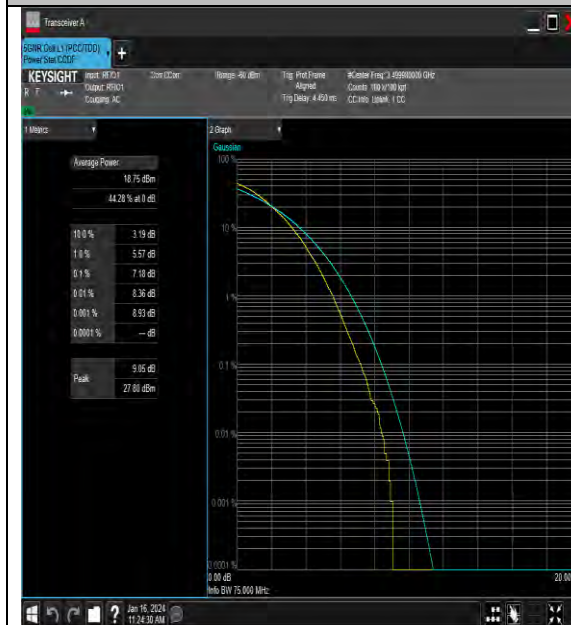
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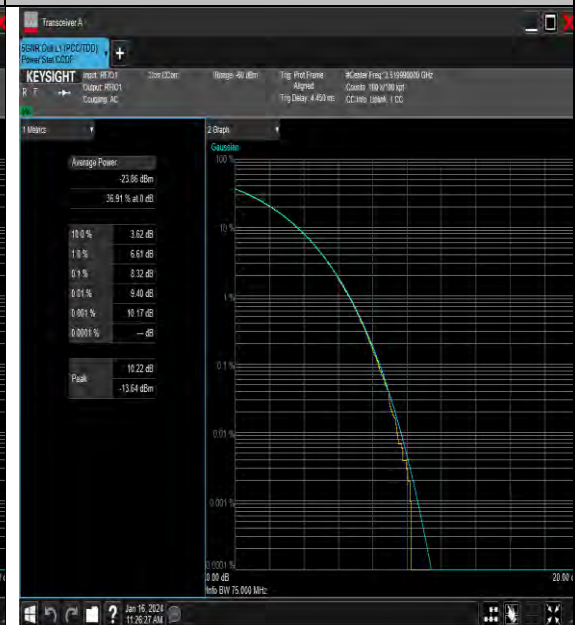
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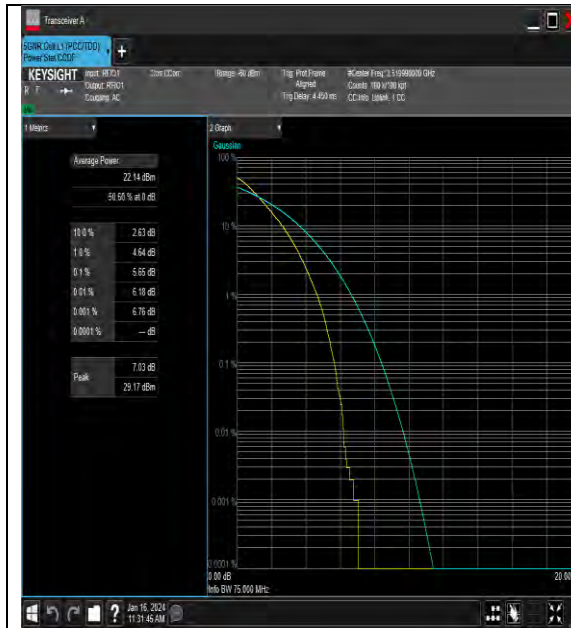
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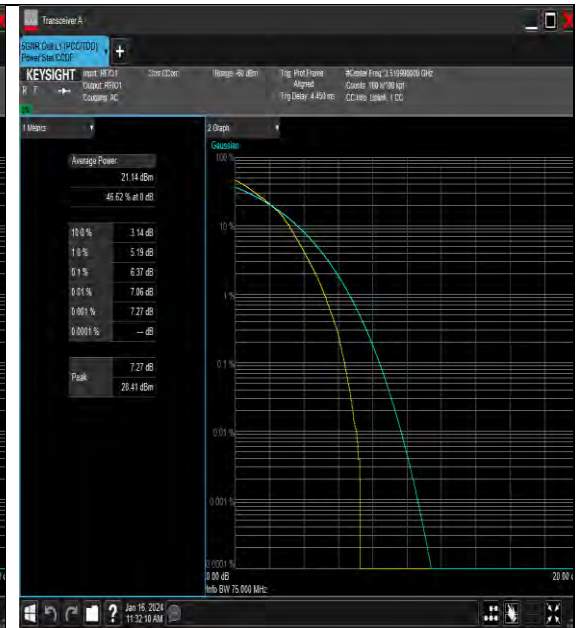
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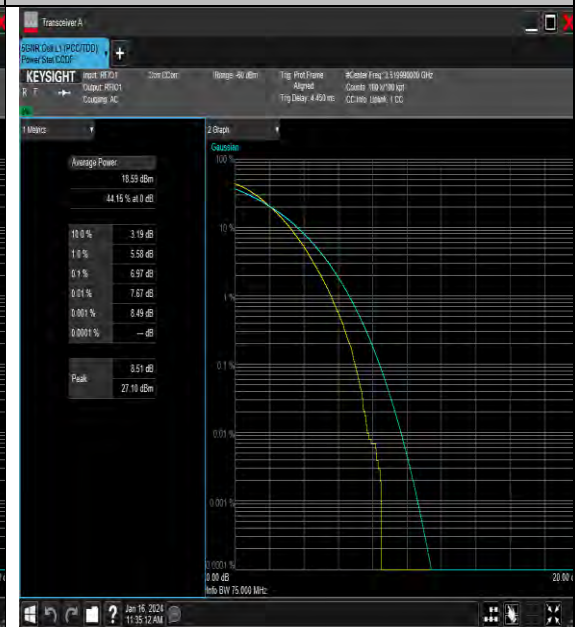
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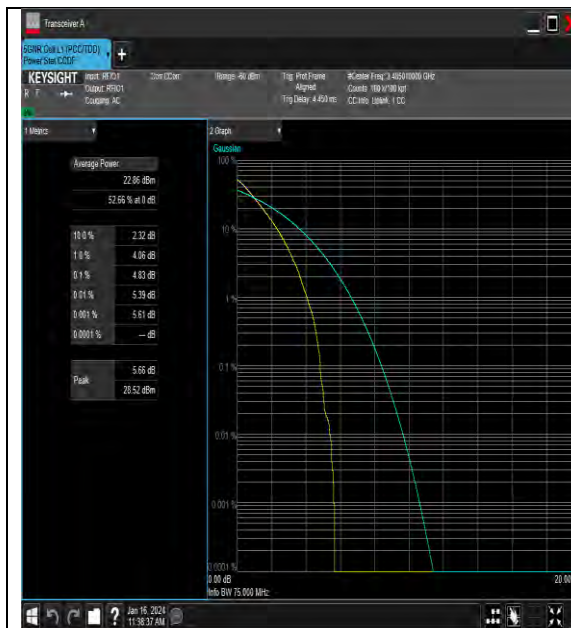
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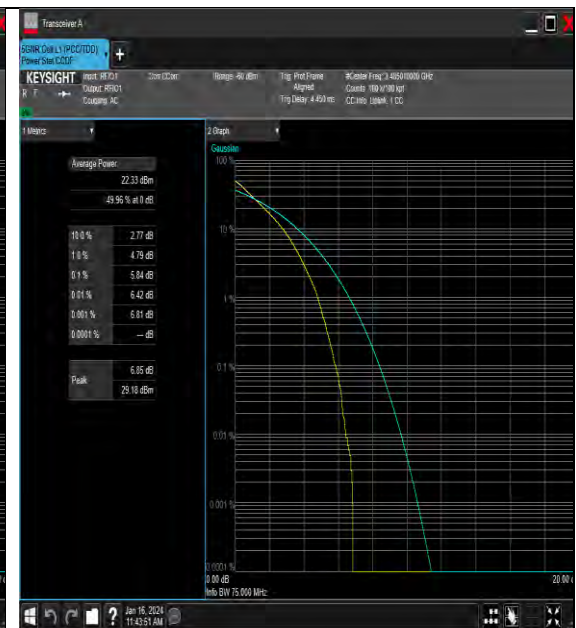
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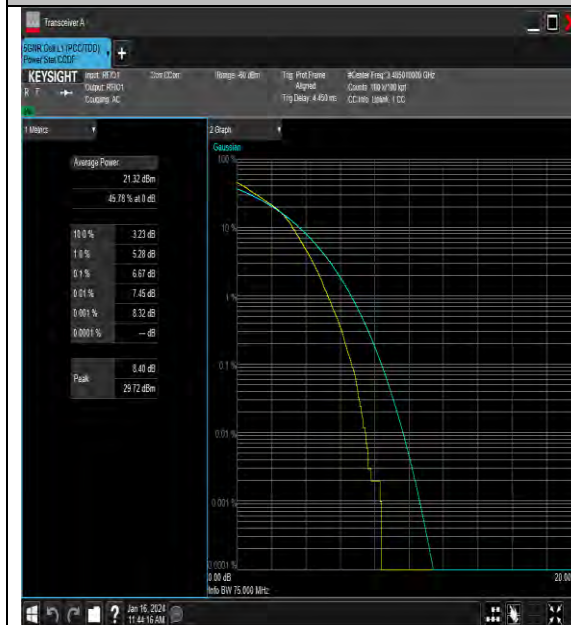
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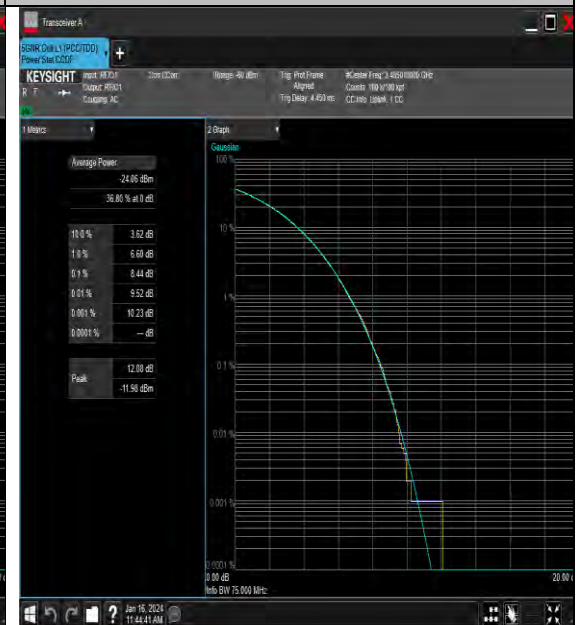
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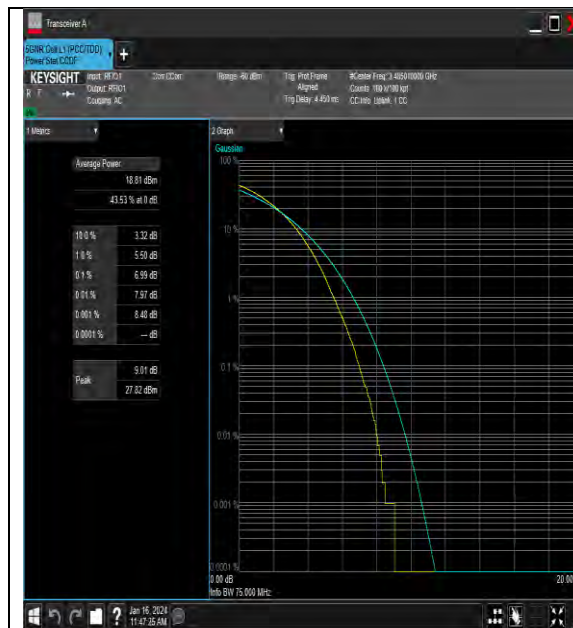
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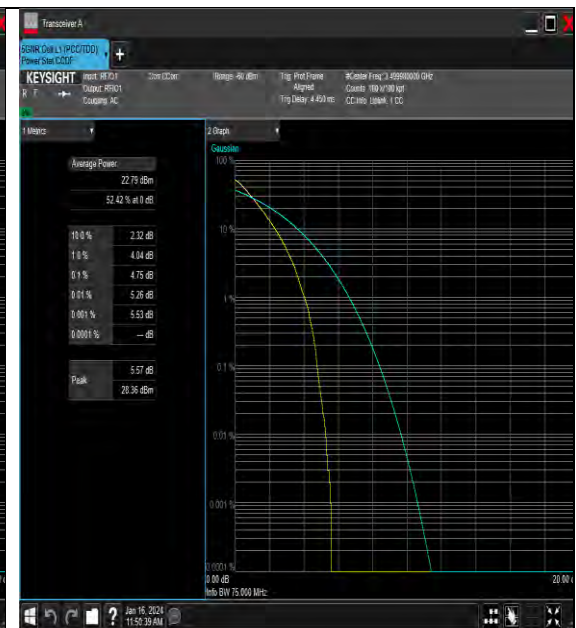
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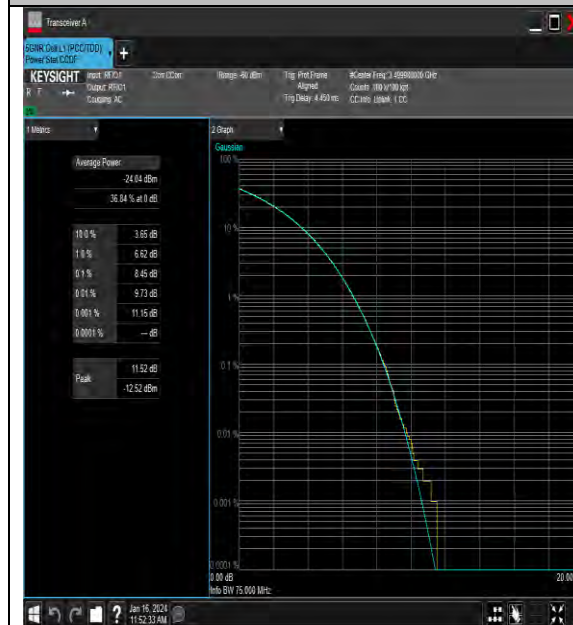
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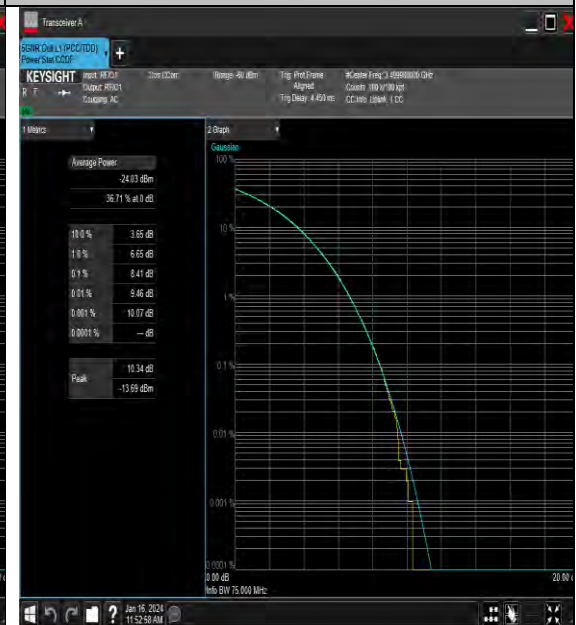
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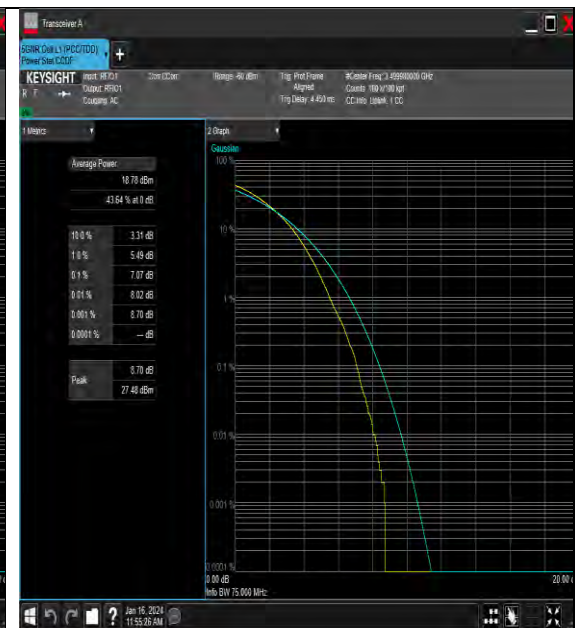
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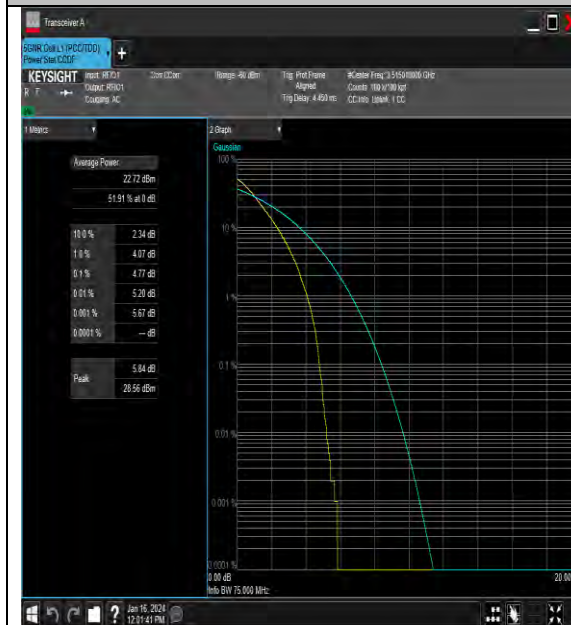
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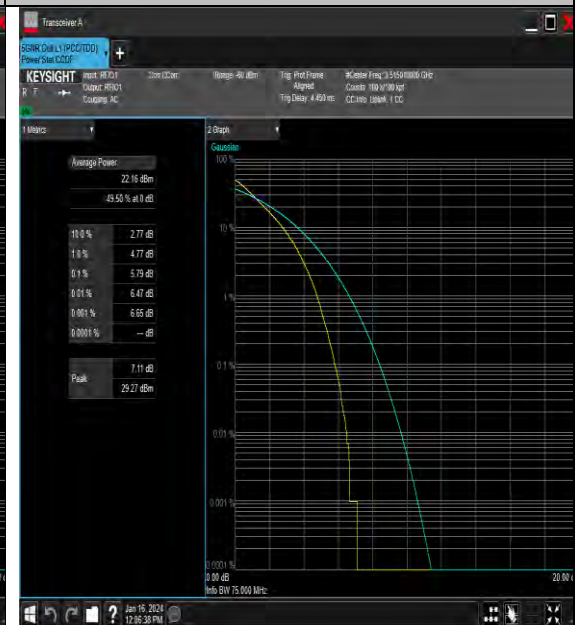
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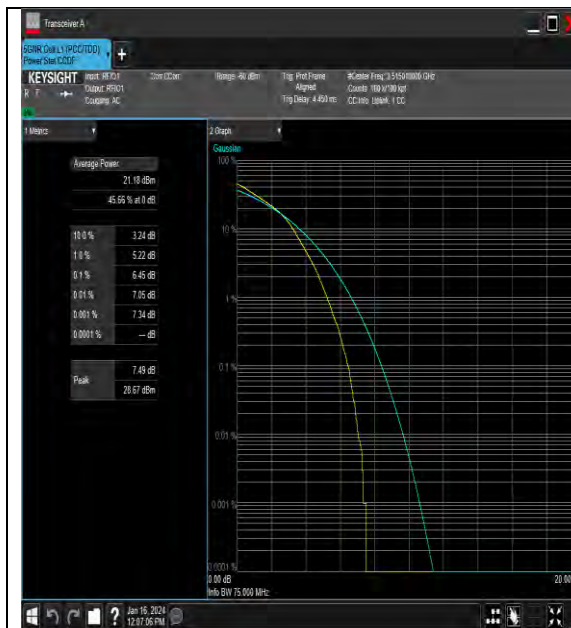
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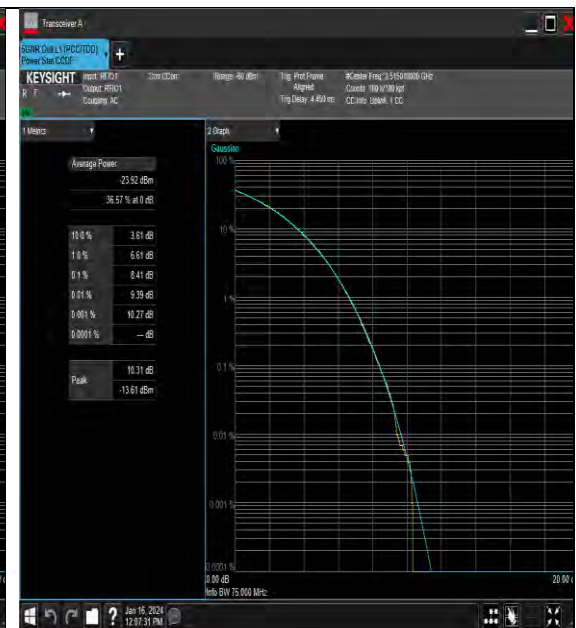
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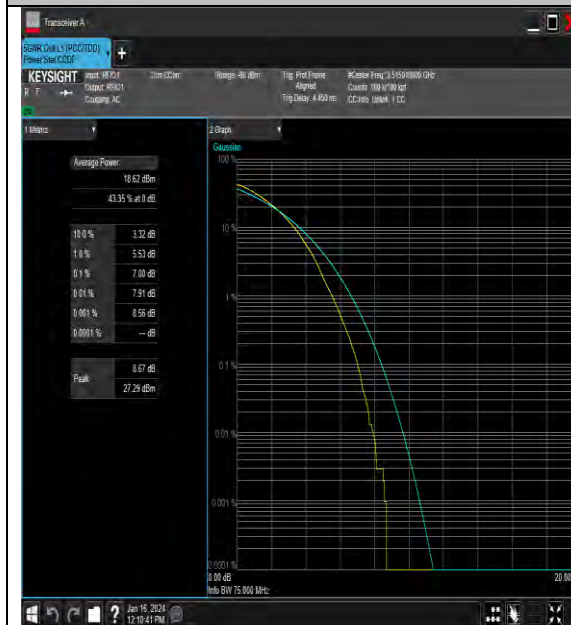
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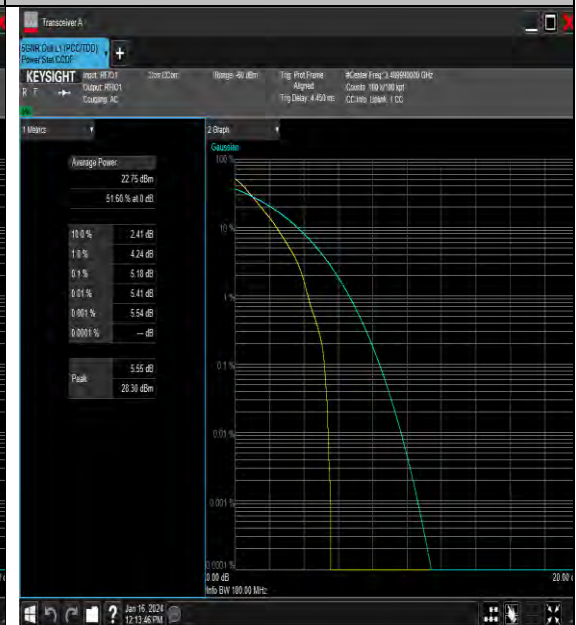
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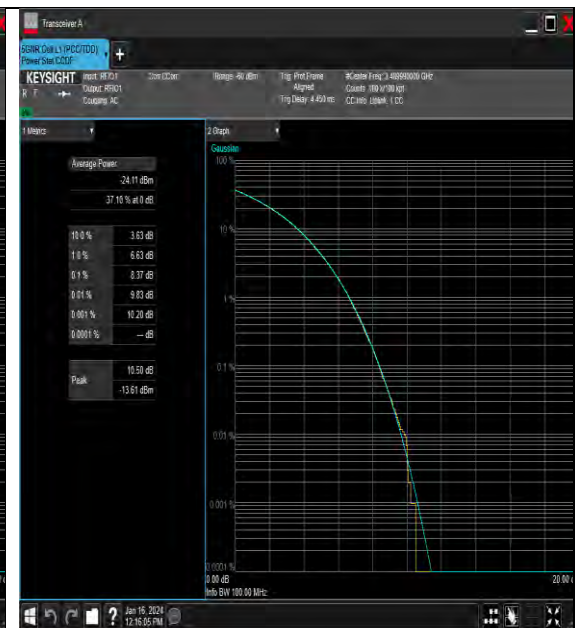
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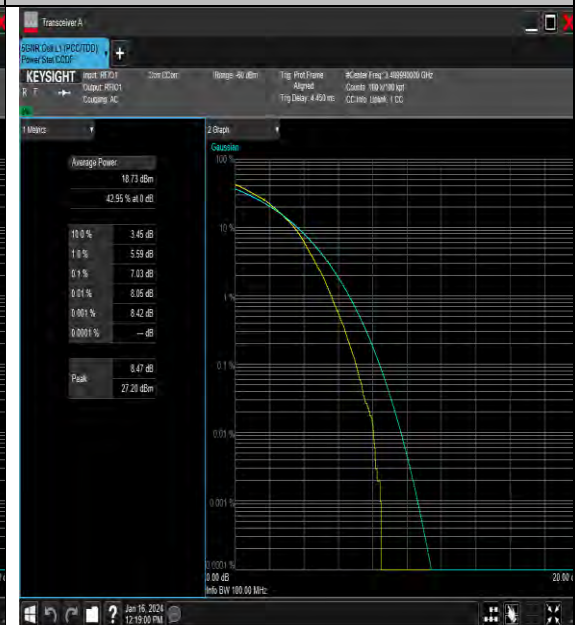
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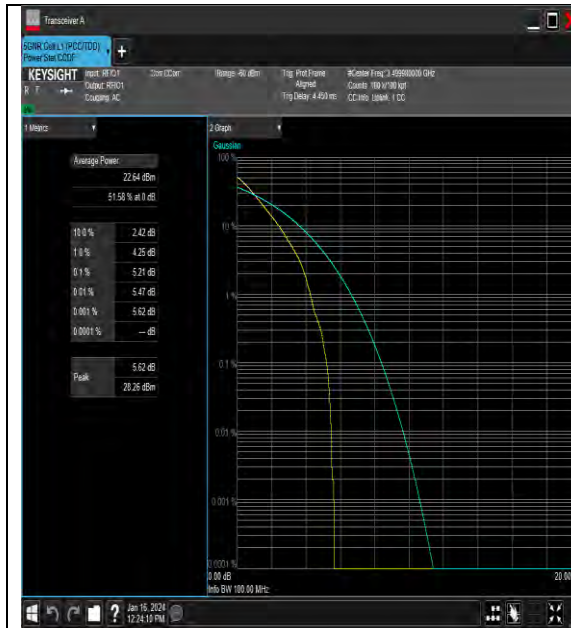
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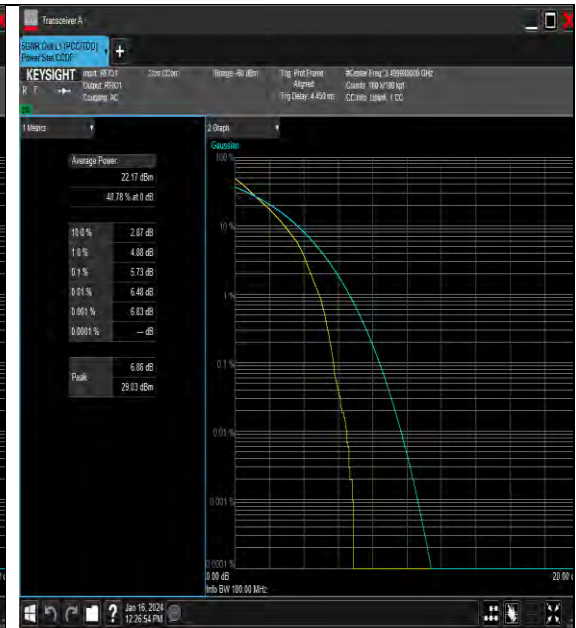
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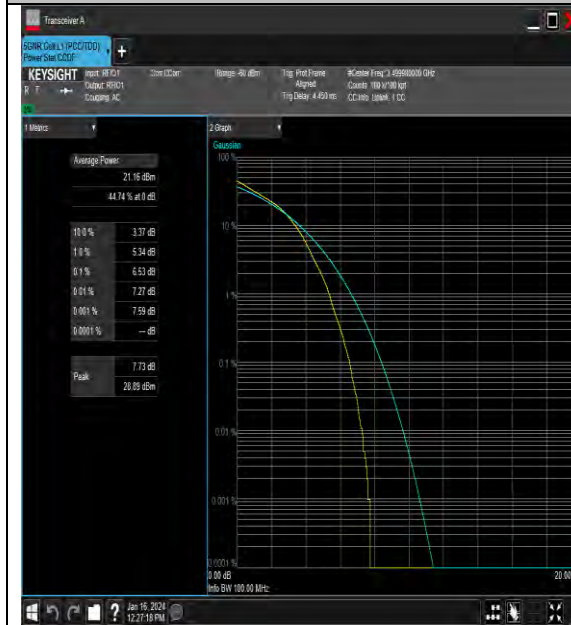
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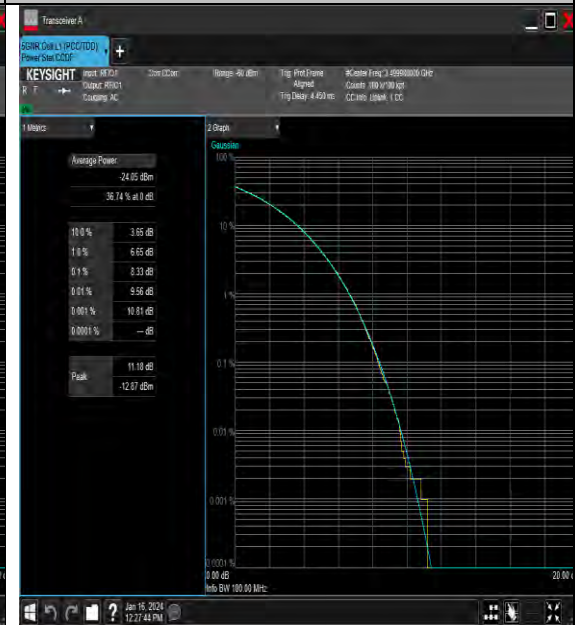
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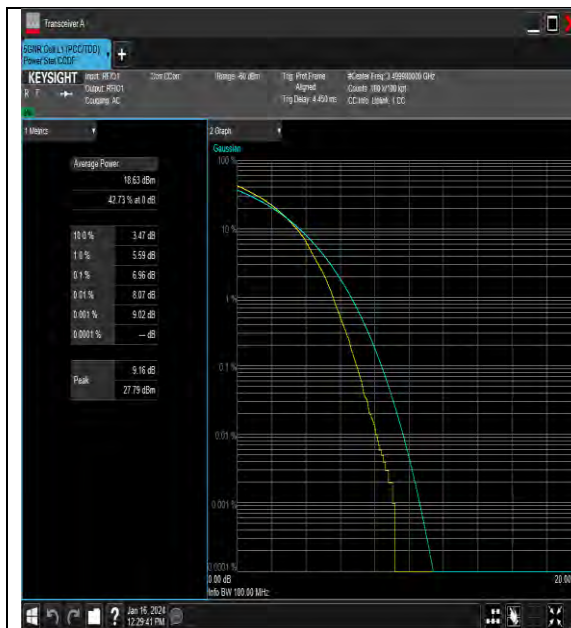
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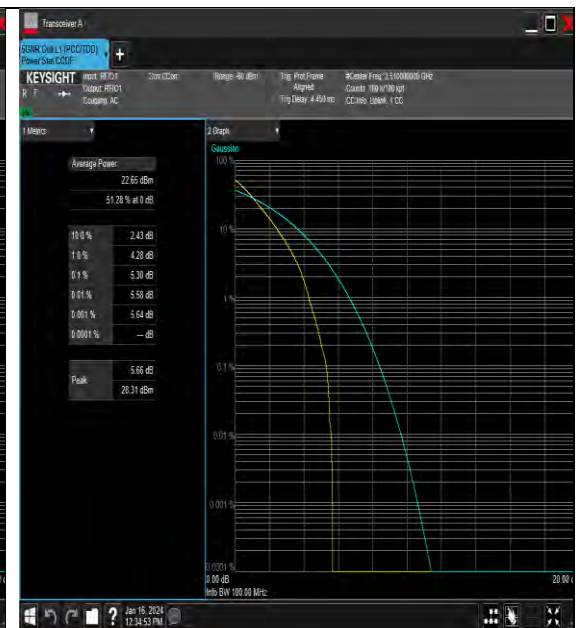
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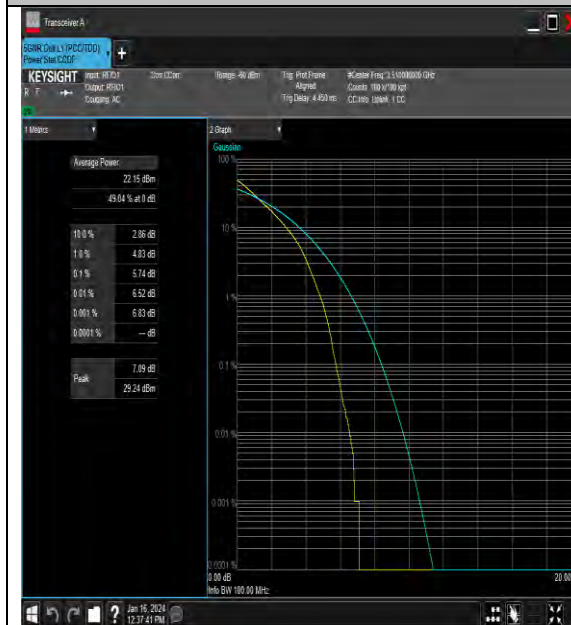
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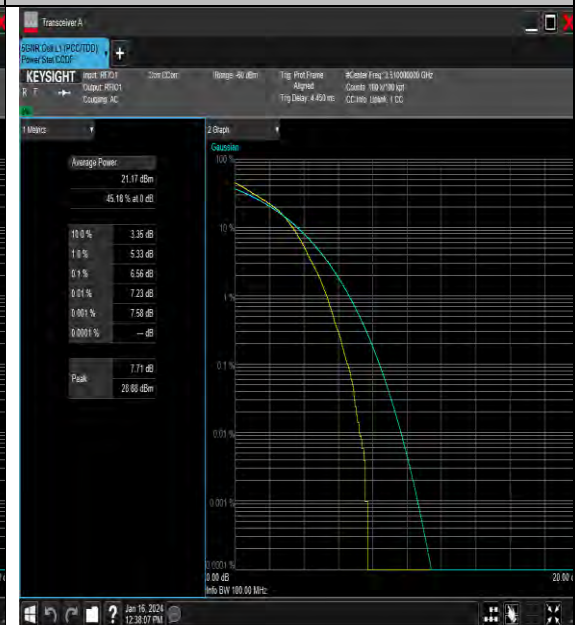
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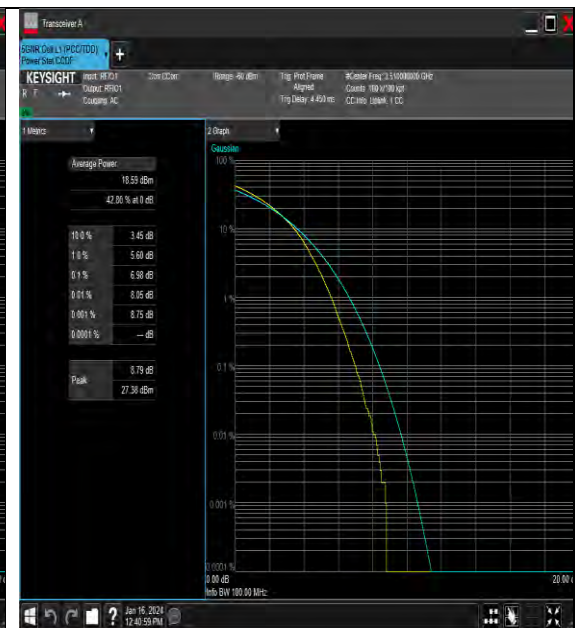
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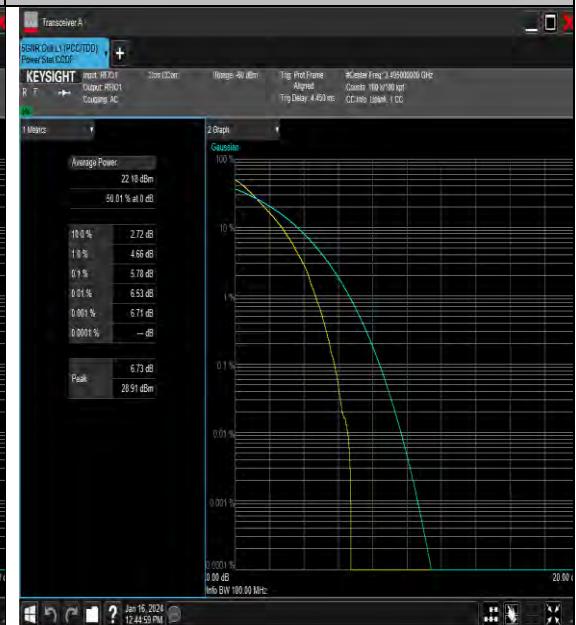
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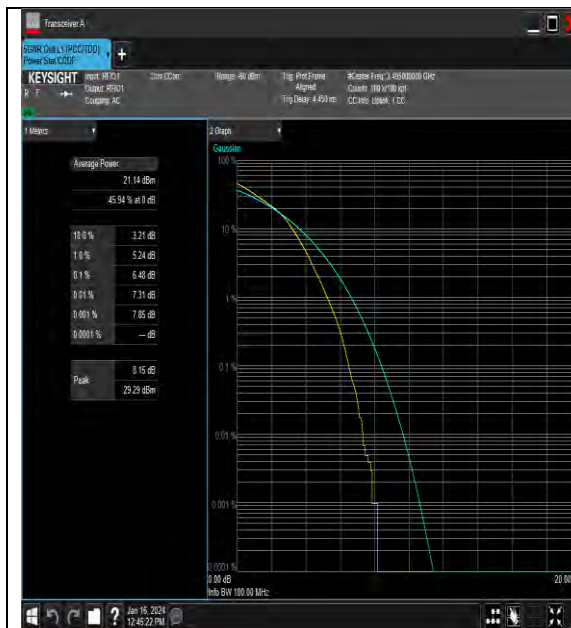
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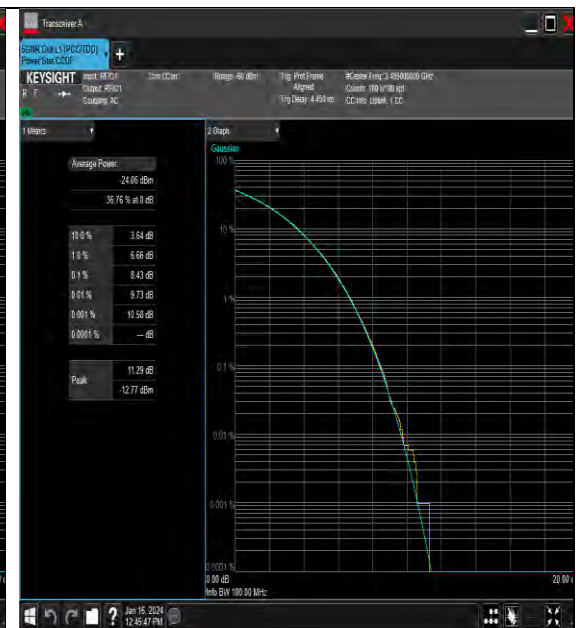
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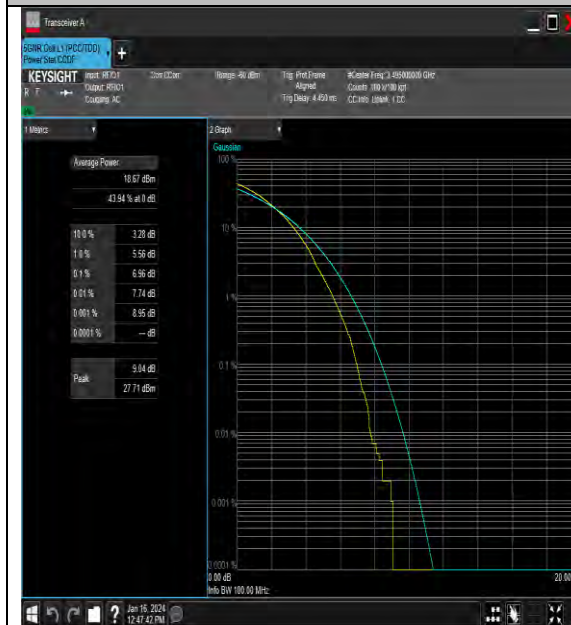
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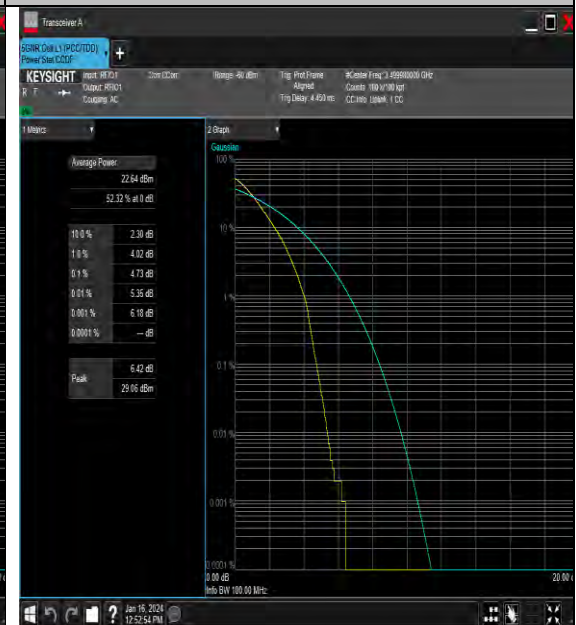
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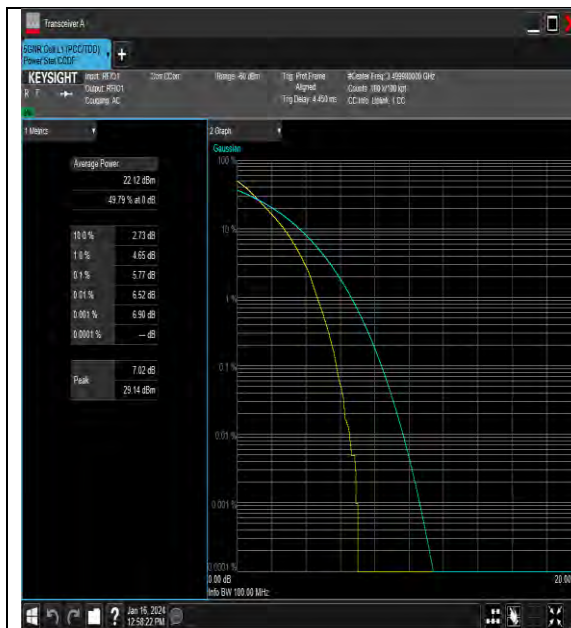
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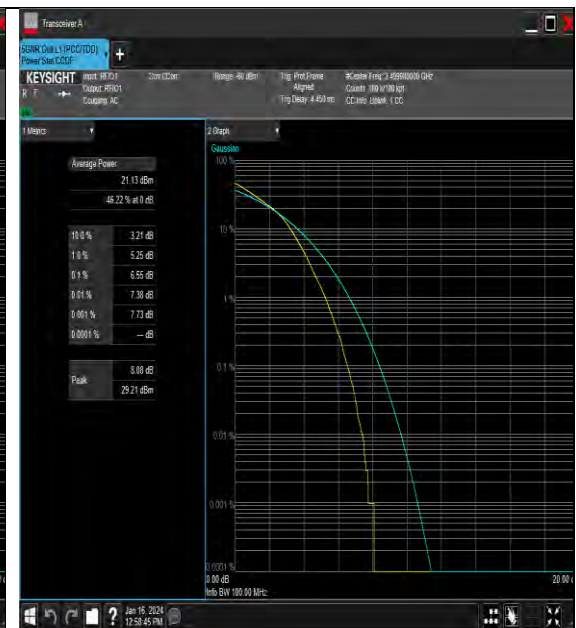
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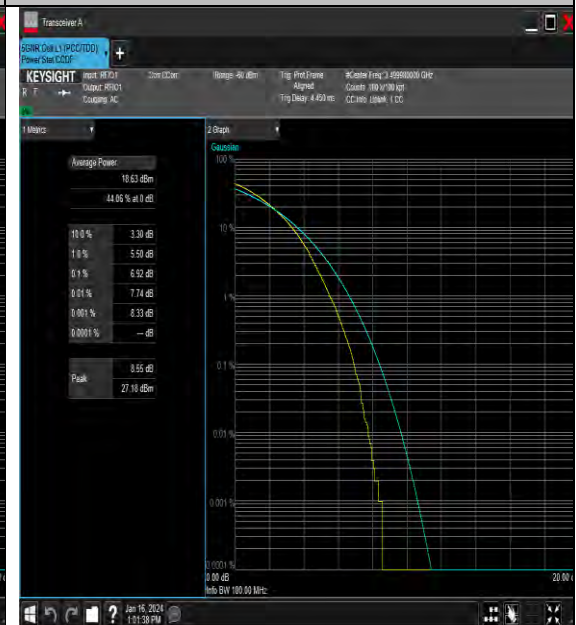
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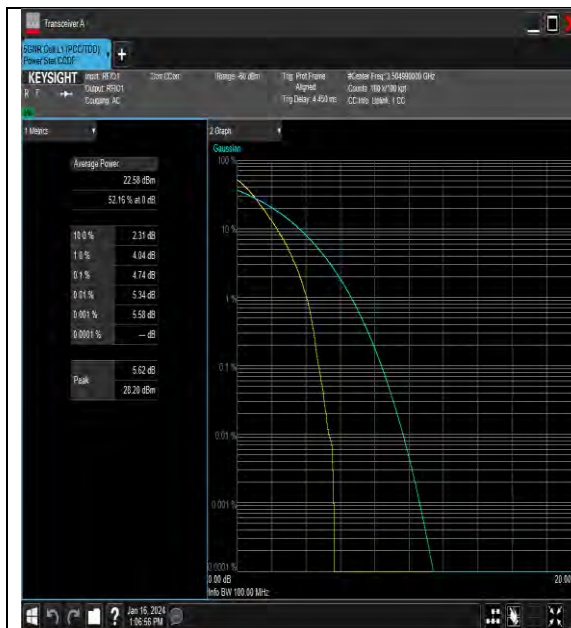
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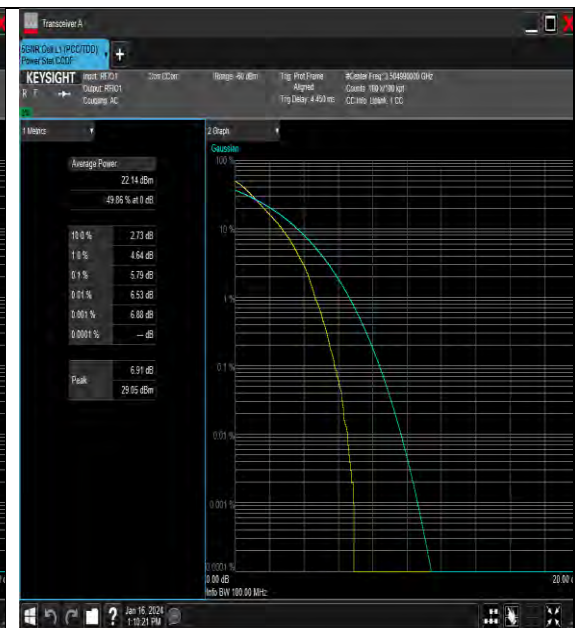
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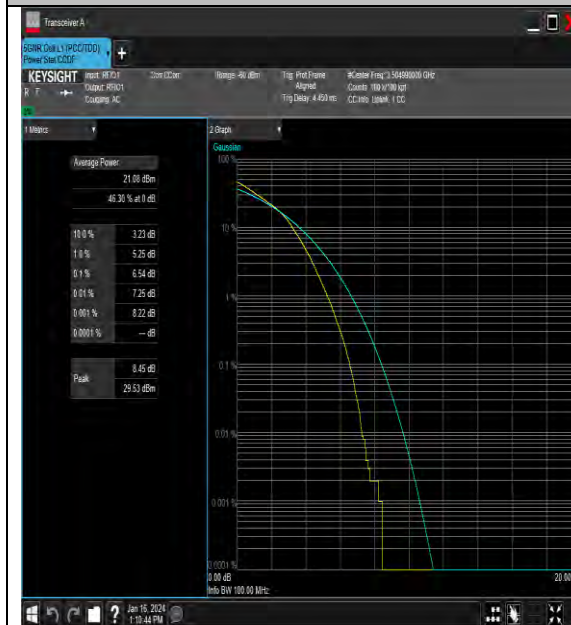
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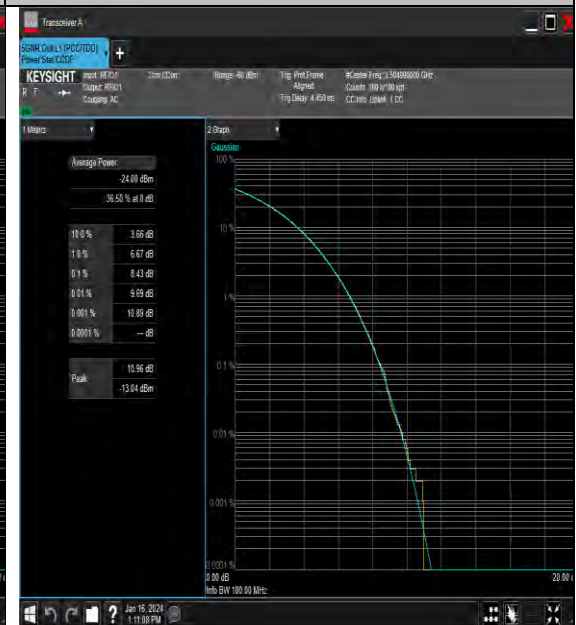
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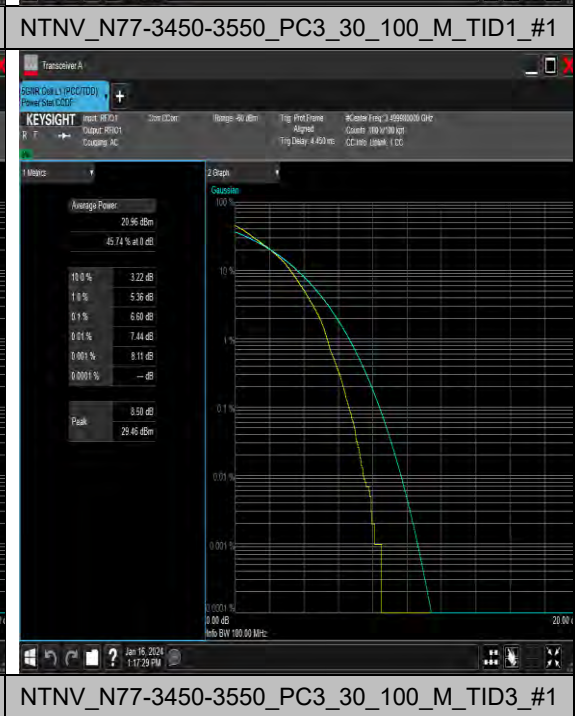
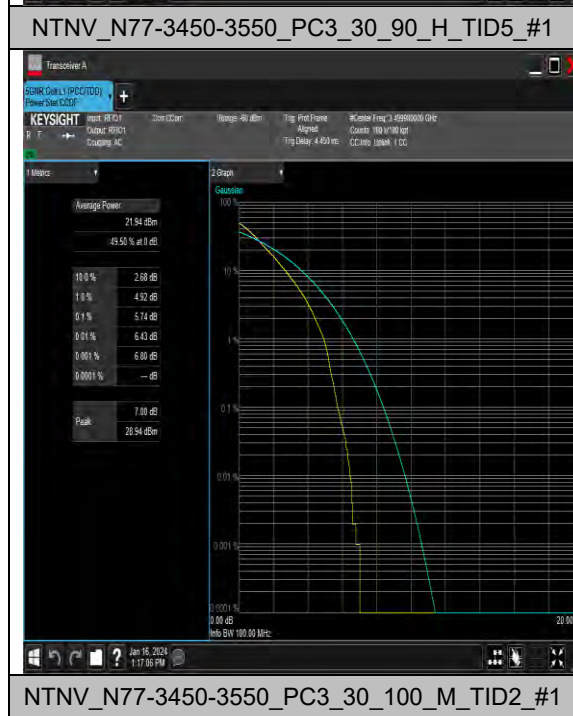
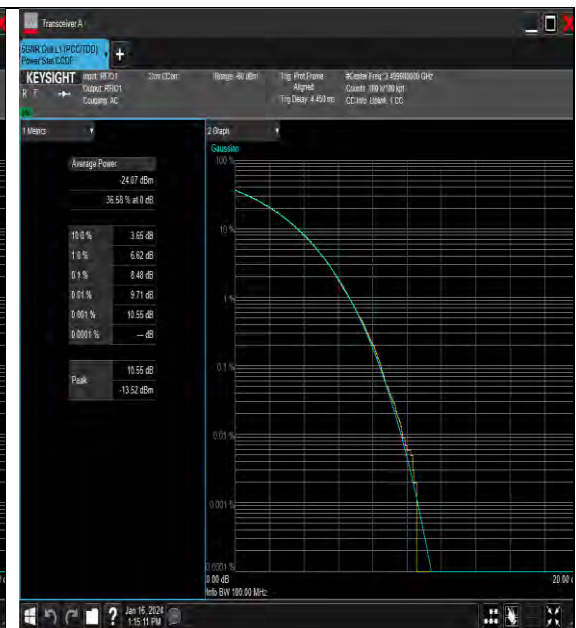
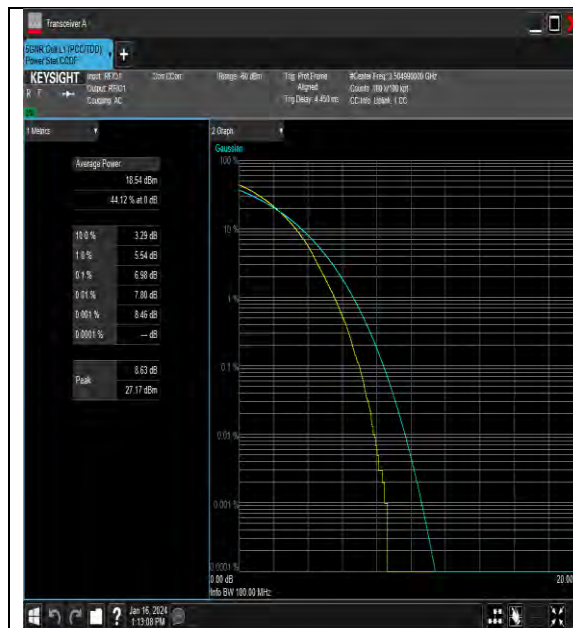
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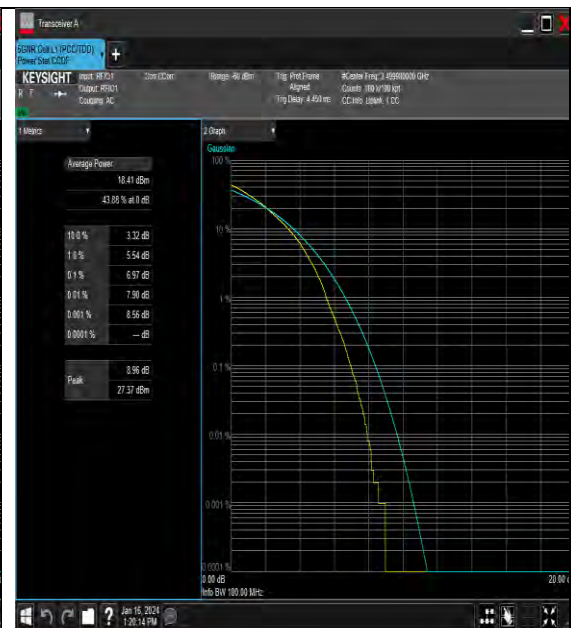


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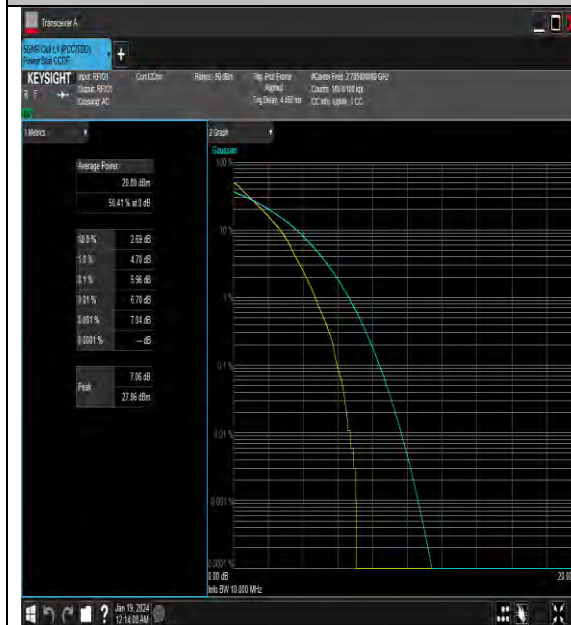




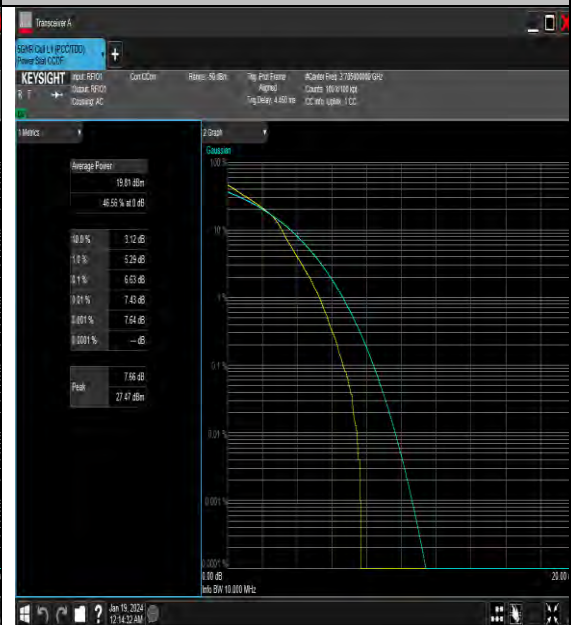
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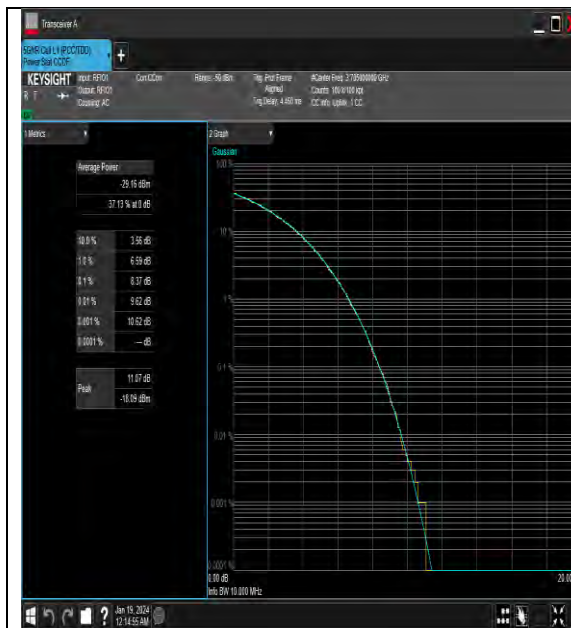
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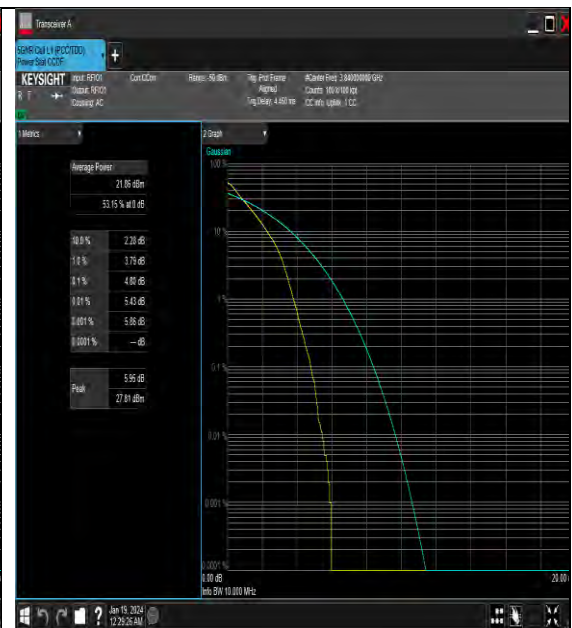
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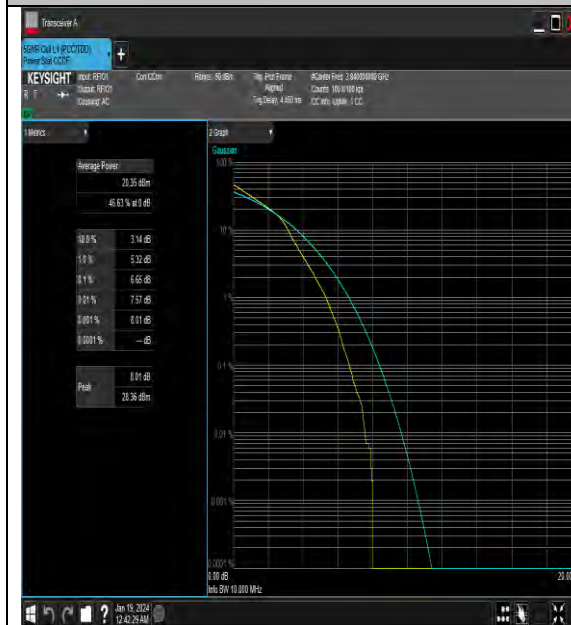
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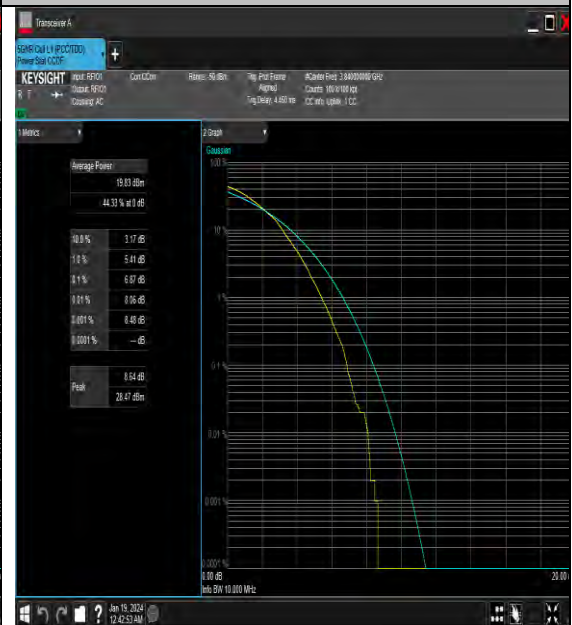
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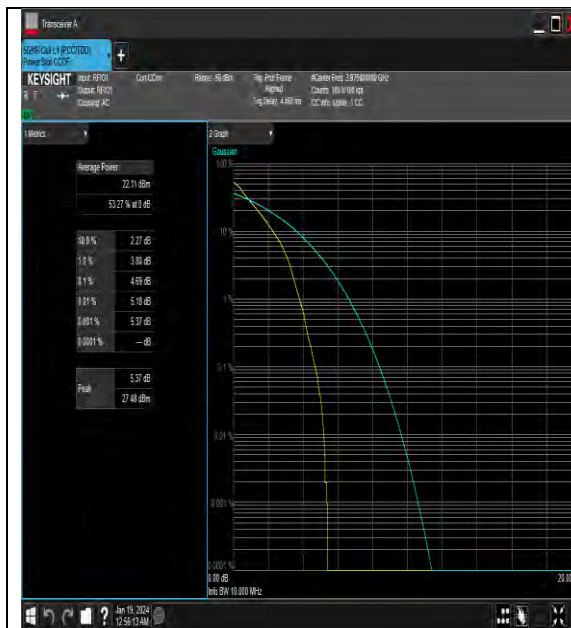
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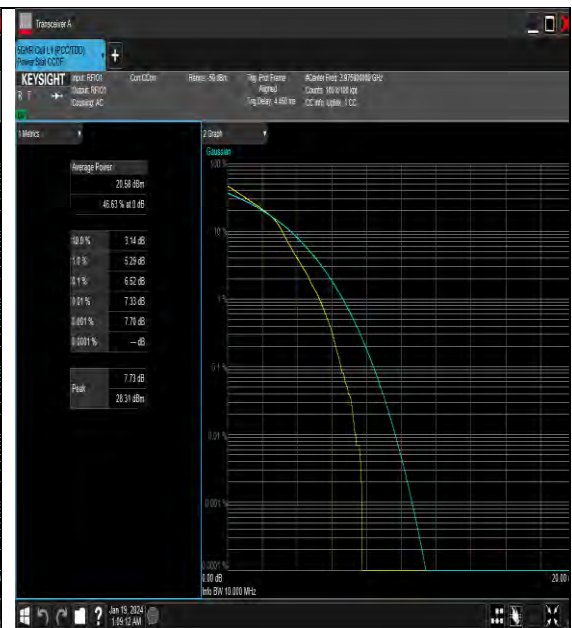
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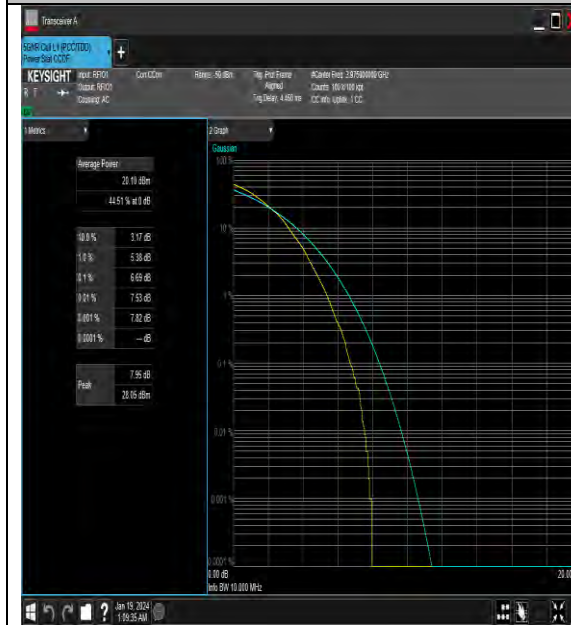
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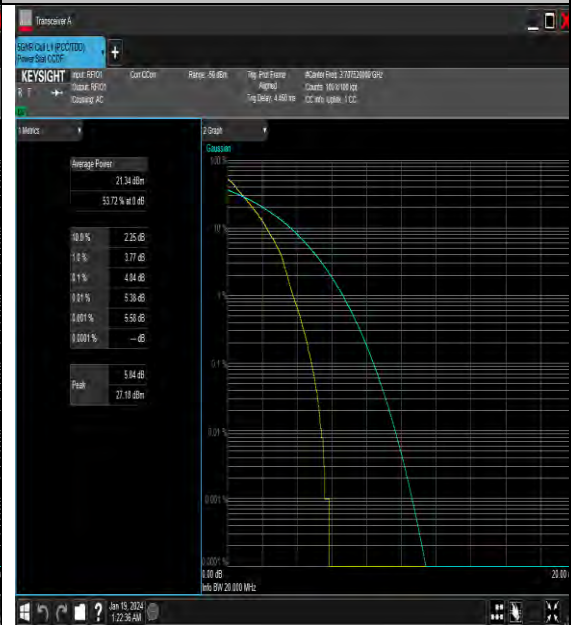
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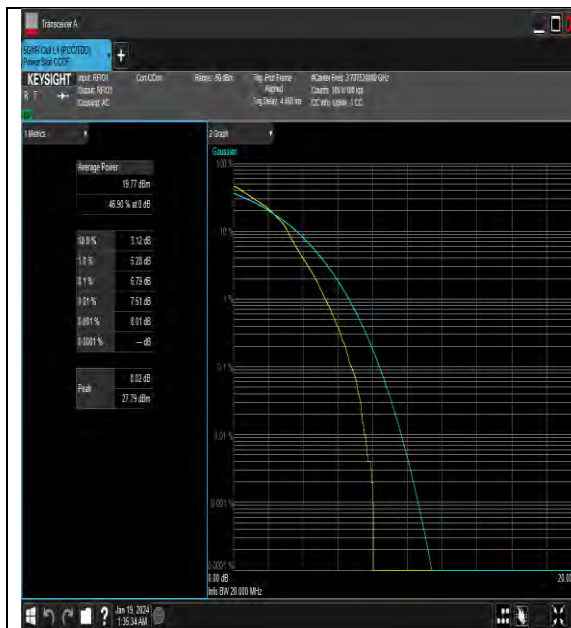
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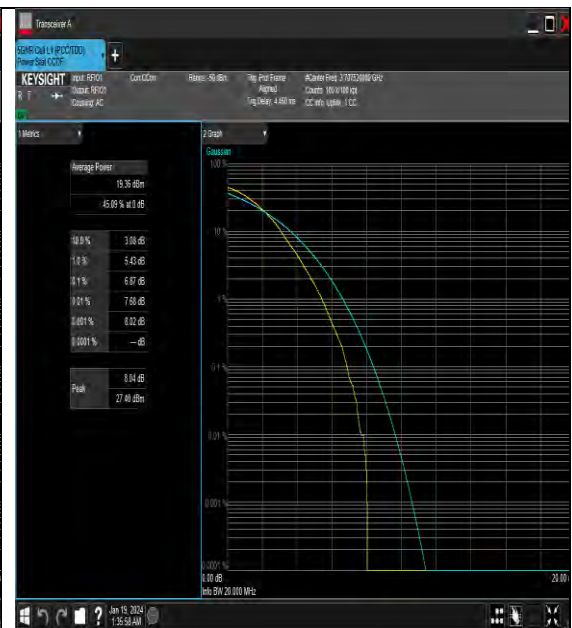
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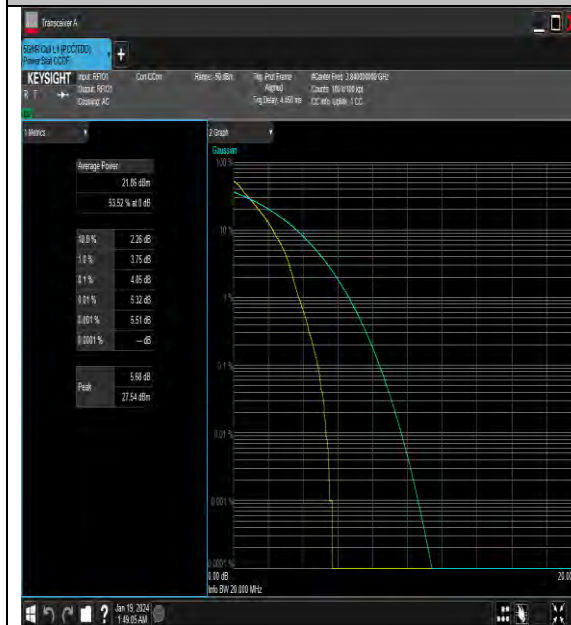
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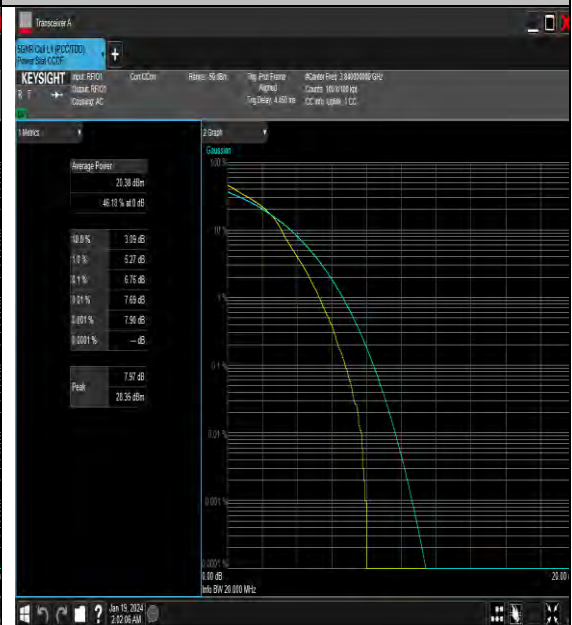
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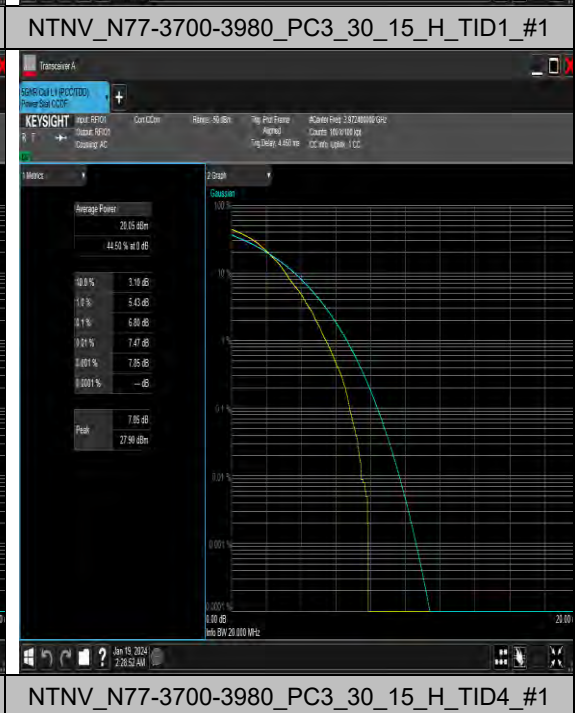
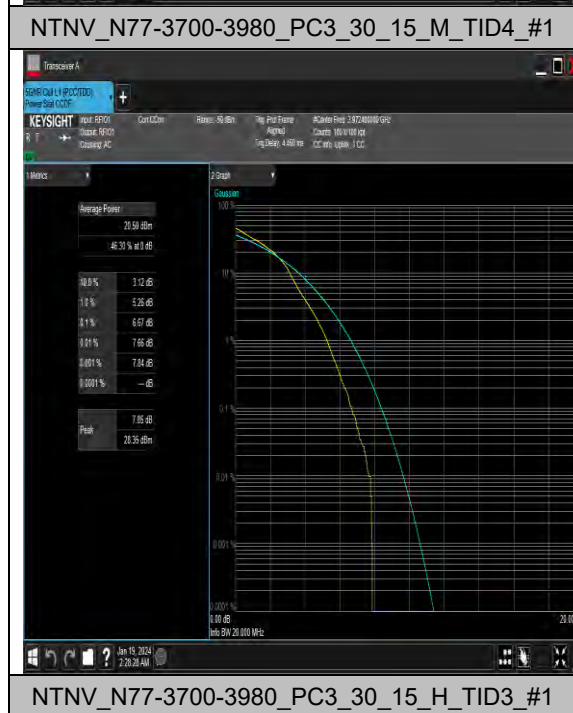
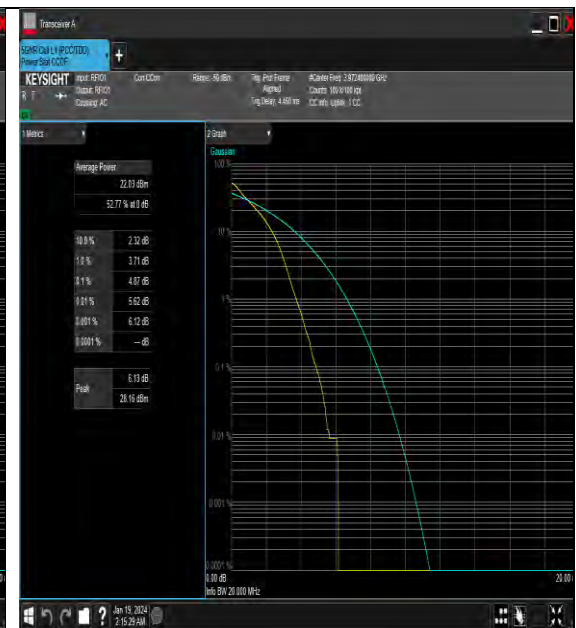
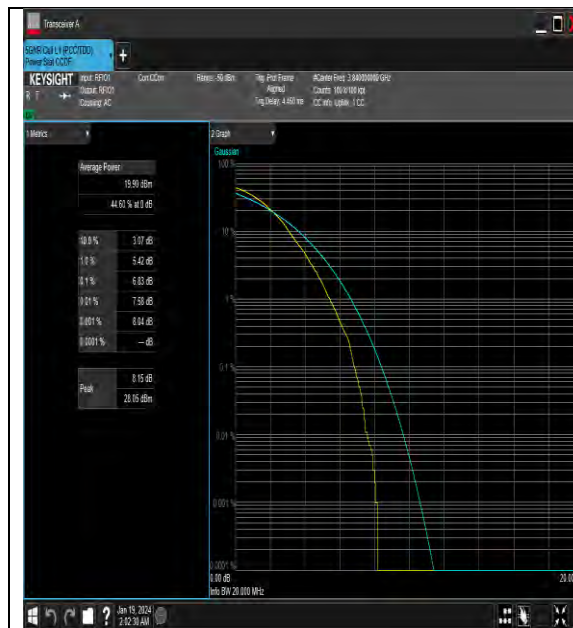
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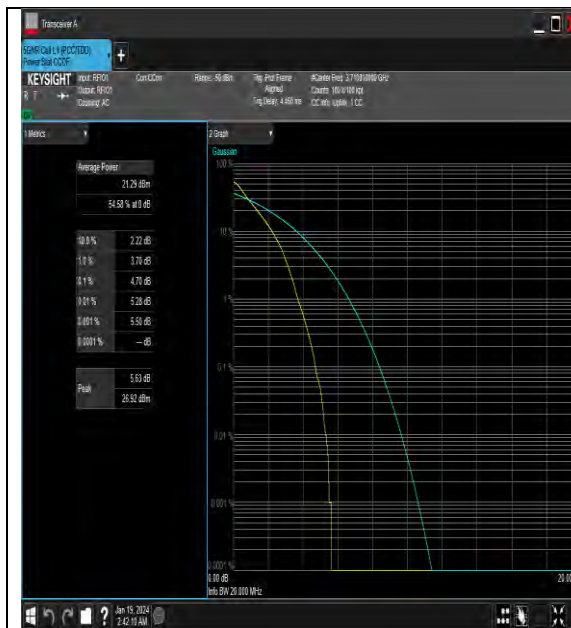


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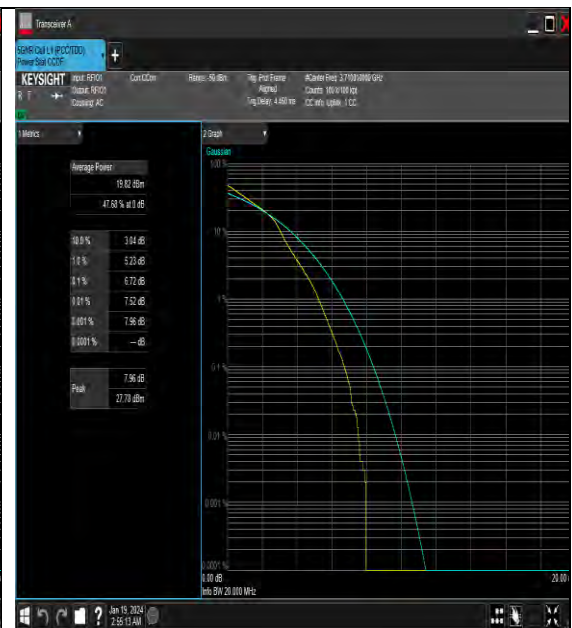


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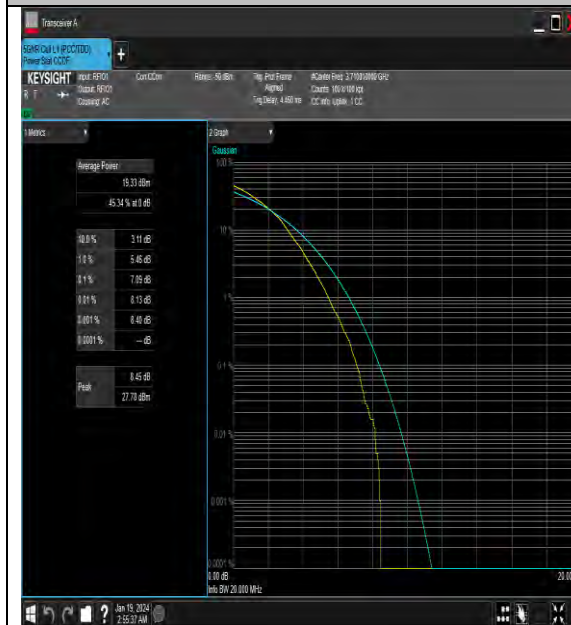




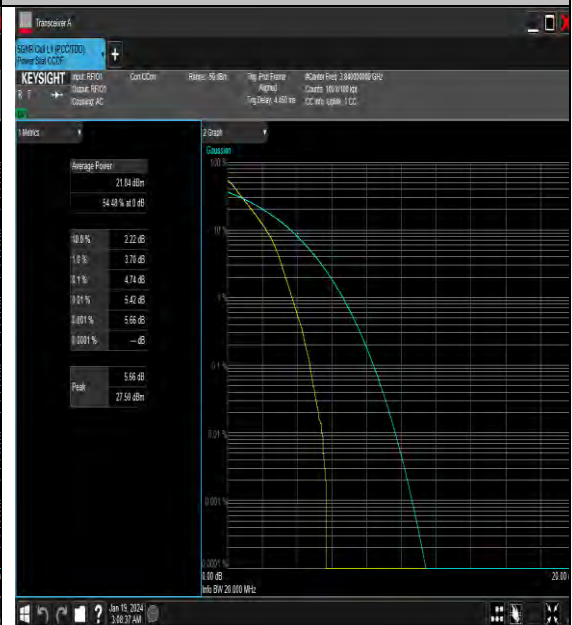
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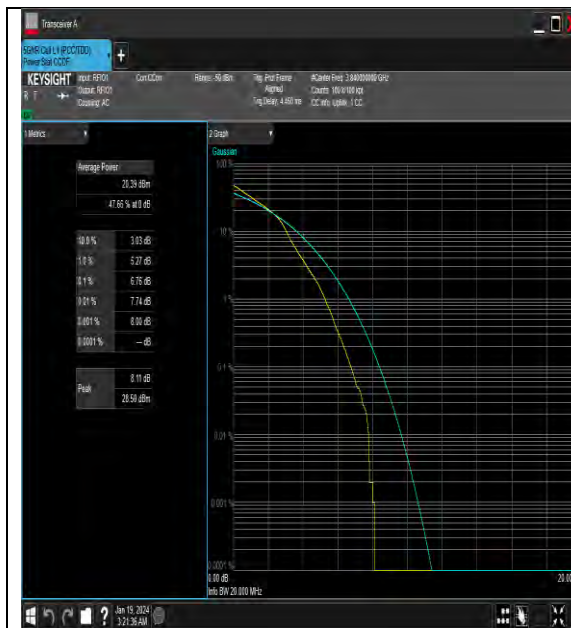
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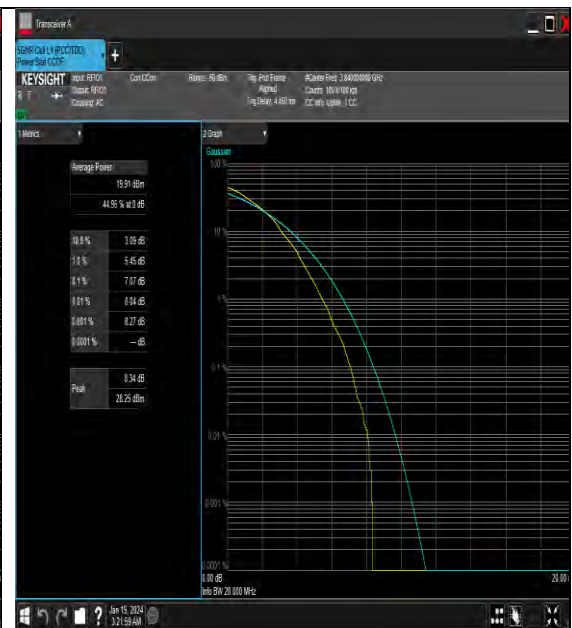
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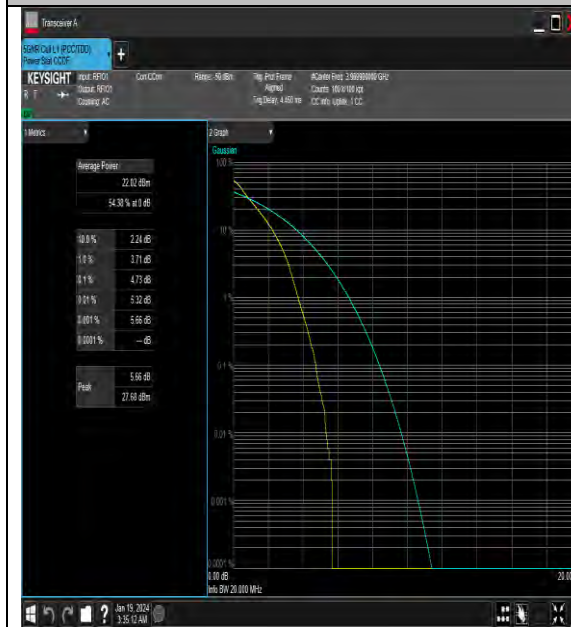
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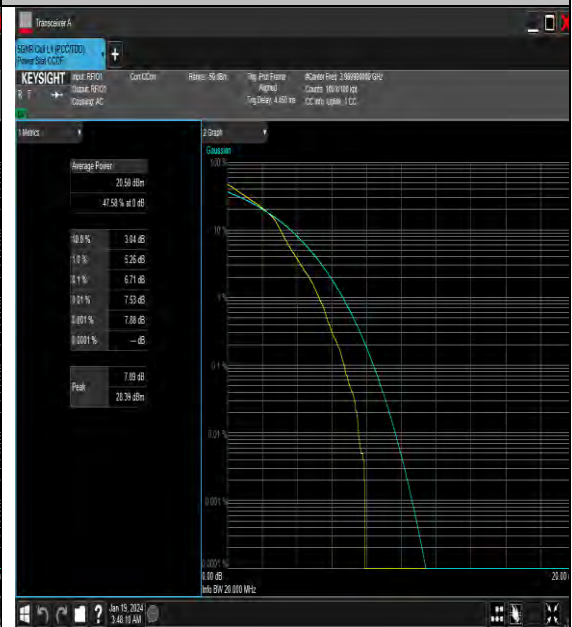
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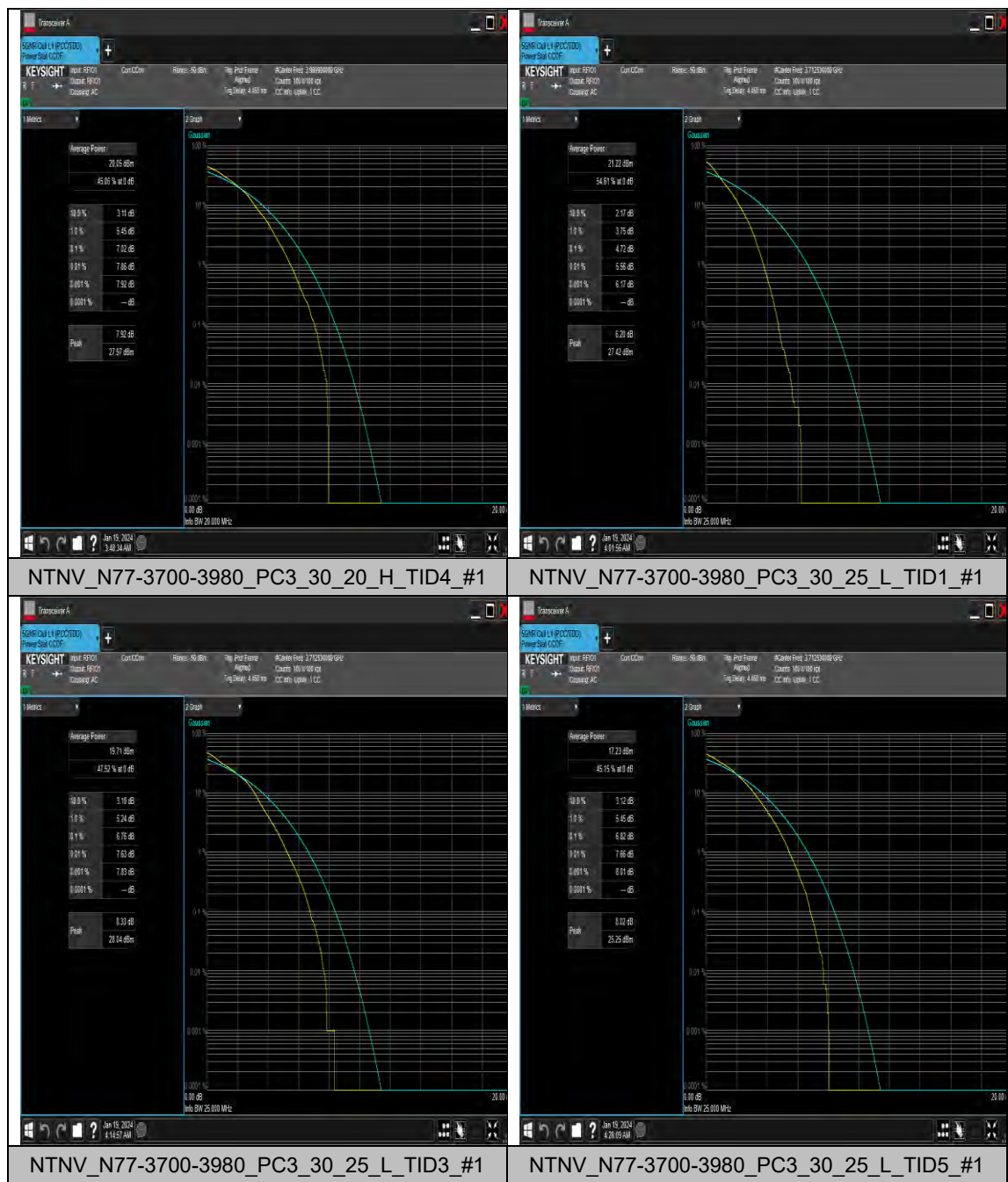
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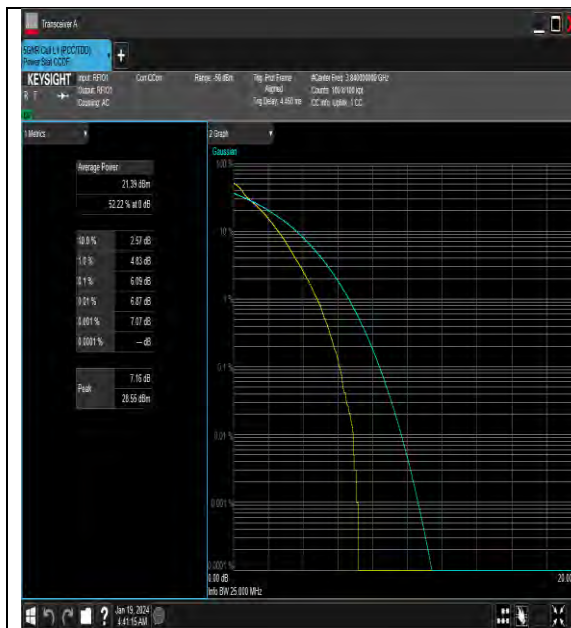


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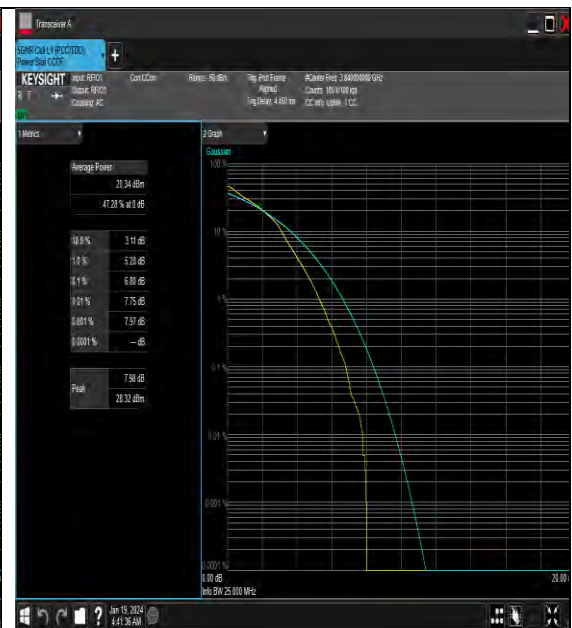


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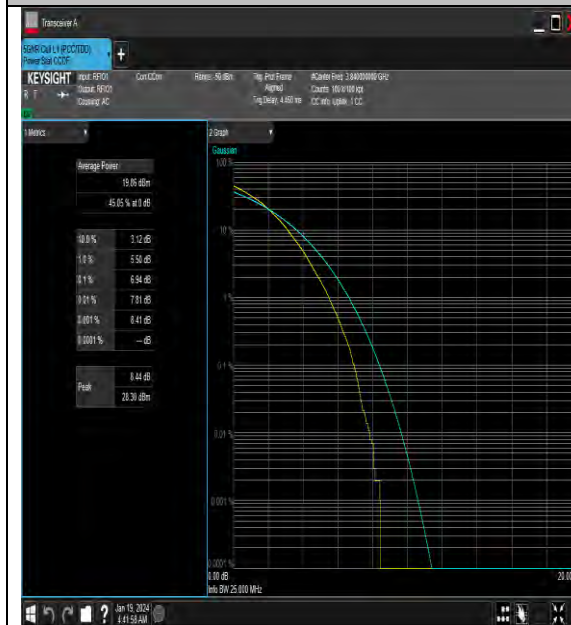




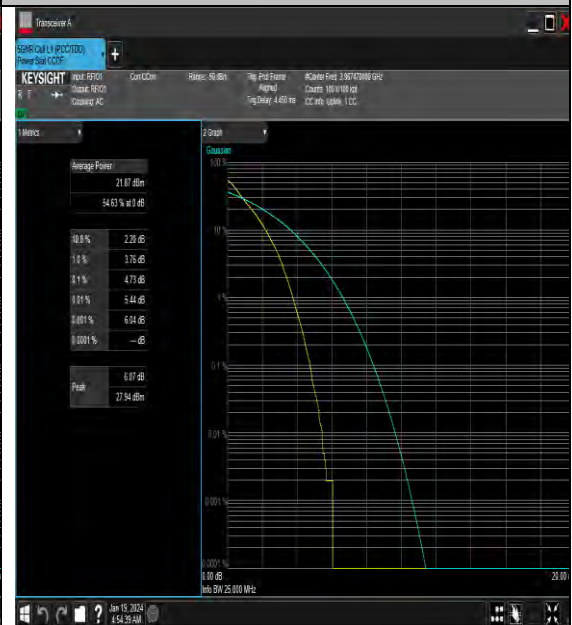
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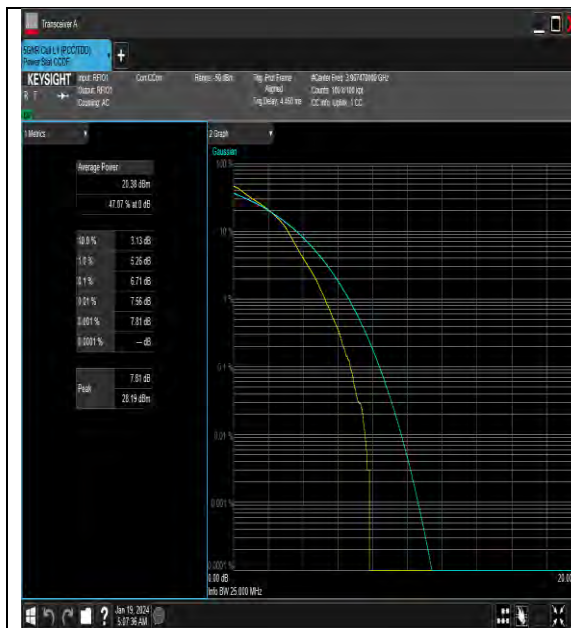
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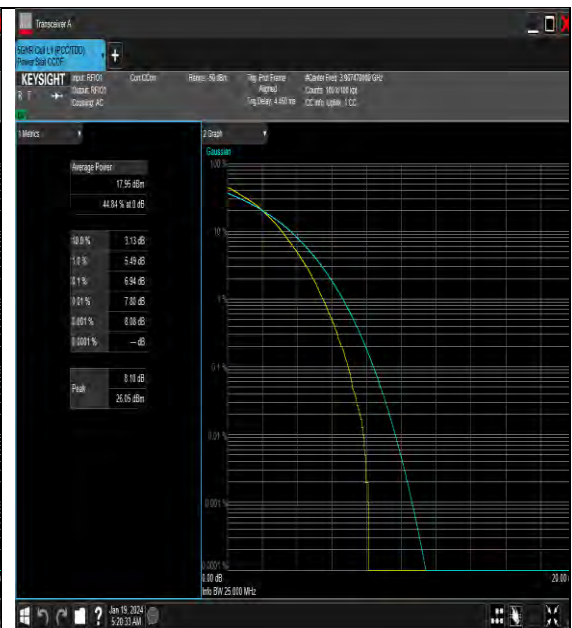
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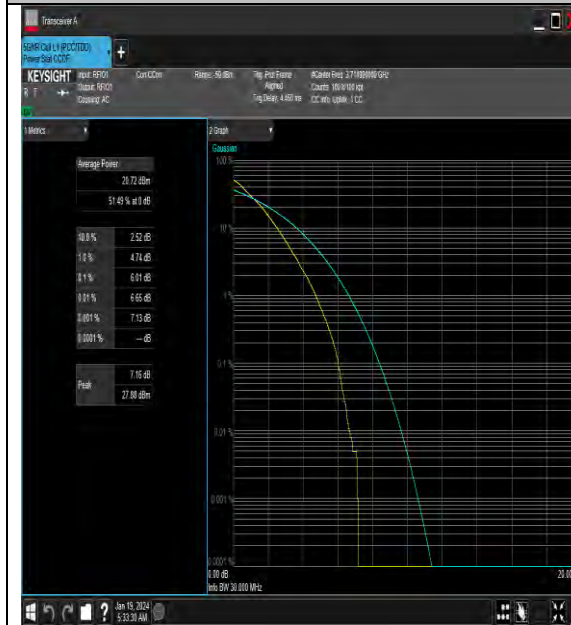
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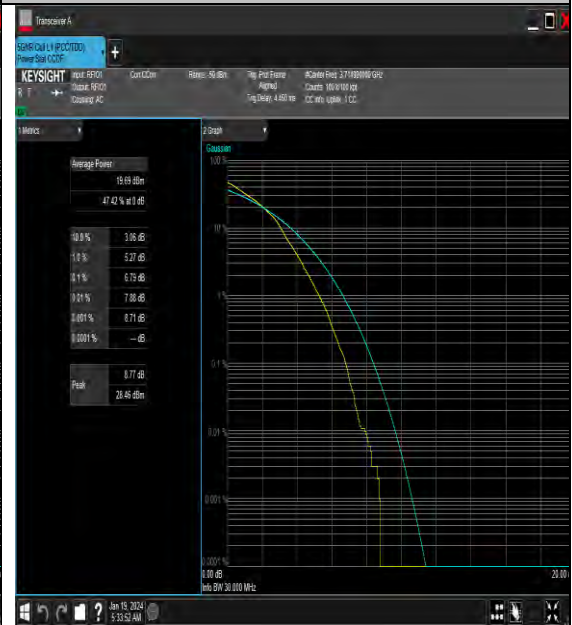
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NTNV_N77-3700-3980_PC3_30_30_L_TID3_#1