









## Appendix F: Frequency Stability for NSA

### Test Result

#### Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_2A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	-9.03	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.07	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.71	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.95	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	-5.13	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	-0.15	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	-8.56	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	-6.46	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-8.07	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	-4.75	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.94	0.00	PASS
DC_2A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.66	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	-7.17	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-4.31	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.38	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-4.71	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-6.77	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	-6.70	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.47	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.49	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	-6.18	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	-7.45	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-6.52	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	-3.59	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	-6.43	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-5.73	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.58	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.78	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.89	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.78	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.45	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.54	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.09	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.45	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	-6.70	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.88	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-6.86	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	-6.28	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	-2.46	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.92	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.39	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	-5.23	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-8.37	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.68	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-9.42	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.12	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.55	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-7.28	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.94	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-9.04	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.47	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-4.02	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.77	0.00	PASS
DC_2A_	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-4.37	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.91	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-6.79	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-5.49	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	-6.17	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.20	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	-5.04	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-0.08	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-7.15	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-8.27	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-8.92	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.08	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-7.57	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.84	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-5.06	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-4.34	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	-0.69	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-5.24	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.49	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-3.91	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.00	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-7.61	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-5.34	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-7.30	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	-3.75	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-6.01	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-4.45	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	-5.20	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.63	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-2.47	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.39	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.58	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.89	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.13	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	VN	NT	-1.23	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.75	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.24	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	VN	NT	-3.76	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.82	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.86	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	VN	NT	-6.63	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.94	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	VL	NT	-6.48	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	VN	NT	-7.12	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.98	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	VL	NT	-3.86	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.25	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	VH	NT	-2.60	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	VL	NT	-6.63	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	VN	NT	-7.92	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	VH	NT	-5.12	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	-3.02	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	-4.23	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	-1.02	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	-3.25	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.68	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.32	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	-5.57	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	-1.53	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	-5.72	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.22	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	-4.18	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	-8.56	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.71	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	-4.96	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.75	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.06	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	-7.83	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	-2.71	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	1.08	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.25	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.19	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	-2.74	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.93	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.40	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	-3.99	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	-8.10	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.14	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	-3.90	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	-7.94	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.48	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.64	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.81	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.33	0.00	PASS
DC_2A_	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	-6.32	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	-8.54	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.46	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	VL	NT	-6.56	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	VN	NT	-4.30	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.20	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.90	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	VN	NT	-7.22	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.97	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	VL	NT	-4.98	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	VN	NT	-1.28	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	VH	NT	-5.27	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.06	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	VN	NT	-5.45	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	VH	NT	-8.00	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	VL	NT	-6.38	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	VN	NT	-5.32	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	VH	NT	-2.44	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.93	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.75	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.84	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	-4.27	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	-6.45	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	-5.45	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	-4.93	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	-3.97	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	-0.36	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	-6.19	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	-6.60	0.00	PASS

n77A-37 00-3980										
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	-6.05	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	-5.26	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.41	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	-4.91	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	-4.50	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.49	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	-6.85	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	-2.67	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.92	0.00	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	-2.63	0.00	PASS

### Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.937503	-0.001063	PASS
DC_2A_ n77A-37	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-7.905358	-0.002134	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	-6.051820	-0.001633	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-3.282857	-0.000886	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-2.607047	-0.000704	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	-5.088219	-0.001373	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	-5.909867	-0.001595	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	-5.911795	-0.001596	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-6.269215	-0.001692	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-7.377125	-0.001991	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-5.001275	-0.001350	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-7.277452	-0.001964	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-2.669176	-0.000720	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-2.553613	-0.000689	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-5.486983	-0.001481	PASS
DC_2A_ n77A-37	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	-4.498435	-0.001214	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-2.880220	-0.000777	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-4.686362	-0.001265	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-6.810462	-0.001774	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-7.968668	-0.002075	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.055974	-0.000535	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-6.335504	-0.001650	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-5.169505	-0.001346	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	-0.980872	-0.000255	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-9.299479	-0.002422	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-1.472354	-0.000383	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-8.594244	-0.002238	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-6.194698	-0.001613	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.253815	-0.000847	PASS
DC_2A_ n77A-37	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.540528	-0.001182	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-5.699366	-0.001484	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-7.642927	-0.001990	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-3.790440	-0.000987	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	-6.718464	-0.001750	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	-5.717837	-0.001489	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-4.871746	-0.001269	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-7.148096	-0.001929	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.342610	-0.000902	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	-4.046785	-0.001092	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-3.432647	-0.000926	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-5.337121	-0.001441	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	-3.357366	-0.000906	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	-4.800173	-0.001296	PASS
DC_2A_ n77A-37	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	-5.567345	-0.001503	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-5.228439	-0.001411	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.108920	-0.000839	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-6.801035	-0.001836	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-6.591096	-0.001779	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-5.857384	-0.001581	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-4.791390	-0.001293	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-5.632718	-0.001520	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	-2.792640	-0.000754	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-2.710665	-0.000732	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-5.941600	-0.001604	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.602887	-0.001199	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-4.180344	-0.001089	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	-5.672990	-0.001477	PASS
DC_2A_ n77A-37	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-6.912408	-0.001800	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-5.757475	-0.001499	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	-4.817576	-0.001255	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-8.634147	-0.002248	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-3.365536	-0.000876	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-5.510070	-0.001435	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.383354	-0.001141	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.398144	-0.000104	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-9.176245	-0.002390	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-9.158609	-0.002385	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-4.863591	-0.001267	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-2.331853	-0.000607	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	-5.043166	-0.001313	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	-5.966026	-0.001554	PASS
DC_2A_ n77A-37	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-8.647758	-0.002252	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	-6.490437	-0.001633	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.855726	-0.000970	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.697117	-0.001685	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	-6.468376	-0.001627	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-5.670279	-0.001426	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	-4.219413	-0.001061	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	-4.774557	-0.001201	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	-5.739083	-0.001444	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	-5.223777	-0.001314	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.907896	-0.000983	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.002386	-0.002013	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.665432	-0.001174	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-7.860232	-0.001977	PASS
DC_2A_ n77A-37	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	-6.126579	-0.001541	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	-6.556609	-0.001649	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	-5.957325	-0.001499	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	-3.430466	-0.000863	PASS
DC_2A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	-4.525876	-0.001139	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	-2.285033	-0.000616	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.672533	-0.000991	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	-5.490258	-0.001481	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-2.030483	-0.000548	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-3.648546	-0.000984	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-4.474535	-0.001207	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-5.497419	-0.001483	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	-8.914717	-0.002404	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-6.606935	-0.001782	PASS
DC_2A_ n77A-37	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	-2.919248	-0.000787	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.000795	-0.000540	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.484760	-0.001210	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	-6.057333	-0.001634	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	-5.430524	-0.001465	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	-5.566294	-0.001501	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	-1.840378	-0.000496	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-5.169977	-0.001394	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-1.878420	-0.000507	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	-4.681059	-0.001219	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.655190	-0.000952	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	-0.355571	-0.000093	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	-4.979564	-0.001297	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	-6.584384	-0.001715	PASS
DC_2A_ n77A-37	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	-3.636025	-0.000947	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	-2.004571	-0.000522	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	-4.534762	-0.001181	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	-3.875202	-0.001009	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	-3.127545	-0.000814	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.419592	-0.000891	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.354206	-0.001134	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	-8.069514	-0.002101	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	-1.434717	-0.000374	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	-5.244042	-0.001366	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	-3.768197	-0.000981	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	-5.069949	-0.001320	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	-1.473480	-0.000384	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.790133	-0.000702	PASS
DC_2A_ n77A-37	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-1.327283	-0.000334	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.938939	-0.001747	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-4.893834	-0.001232	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-4.674645	-0.001177	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-4.850418	-0.001221	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-3.972241	-0.001000	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-2.904049	-0.000731	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-5.891536	-0.001483	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.725195	-0.000938	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.836458	-0.000714	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.266628	-0.001829	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-5.819326	-0.001465	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-7.753741	-0.001952	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-6.231503	-0.001569	PASS
DC_2A_ n77A-37	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-5.749360	-0.001447	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-5.483055	-0.001380	PASS
DC_2A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-7.489888	-0.001885	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-0.317053	-0.000085	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.350410	-0.001173	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.855407	-0.000500	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-4.369784	-0.001178	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-2.408466	-0.000649	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-6.640327	-0.001790	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-3.986461	-0.001075	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-4.087488	-0.001102	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-2.017488	-0.000544	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.985582	-0.001074	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.659405	-0.000717	PASS
DC_2A_ n77A-37	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-6.560584	-0.001768	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-5.096248	-0.001374	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-3.036756	-0.000819	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-5.502344	-0.001483	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-4.562755	-0.001230	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-4.381636	-0.001181	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-3.905847	-0.001053	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-1.893438	-0.000493	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	-4.054953	-0.001056	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-3.893626	-0.001014	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-4.715613	-0.001228	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-2.722174	-0.000709	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-4.403859	-0.001147	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-2.254599	-0.000587	PASS
DC_2A_ n77A-37	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-3.453279	-0.000899	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-5.799026	-0.001510	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	-7.381788	-0.001922	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.433270	-0.000894	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.389941	-0.001404	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-1.991549	-0.000519	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-4.450581	-0.001159	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-8.458108	-0.002203	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-3.149237	-0.000820	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-5.578154	-0.001453	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	-5.134910	-0.001337	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.704004	-0.001185	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-4.444706	-0.001120	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-3.516289	-0.000886	PASS
DC_2A_ n77A-37	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-7.213144	-0.001817	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-1.772199	-0.000446	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-5.582721	-0.001406	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-0.766603	-0.000193	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-6.075067	-0.001530	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-5.996797	-0.001511	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-6.215261	-0.001566	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.778113	-0.001455	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-3.321545	-0.000837	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-8.520528	-0.002146	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-5.504974	-0.001387	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-7.619063	-0.001919	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-3.902930	-0.000983	PASS
DC_2A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-6.585695	-0.001659	PASS
DC_2A_ n77A-37	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-7.472812	-0.001882	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.037700	-0.000817	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-5.871194	-0.001578	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-5.428552	-0.001459	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-4.113858	-0.001106	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-4.205173	-0.001130	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-3.441303	-0.000925	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-6.678715	-0.001795	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	-3.561110	-0.000957	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-2.152439	-0.000579	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.594915	-0.000966	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	-0.097703	-0.000026	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.000369	-0.000807	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	-5.638390	-0.001516	PASS
DC_2A_ n77A-37	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-5.519696	-0.001484	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-5.945807	-0.001598	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-3.761148	-0.001011	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-5.808417	-0.001561	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	-4.152901	-0.001116	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	-6.802144	-0.001771	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.797958	-0.000989	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	-9.307385	-0.002424	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-6.385105	-0.001663	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-4.429019	-0.001153	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-4.158085	-0.001083	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-5.869056	-0.001528	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-6.251214	-0.001628	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-4.506510	-0.001174	PASS
DC_2A_ n77A-37	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-6.192500	-0.001613	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-5.421406	-0.001412	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-6.546320	-0.001705	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	-2.844855	-0.000741	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	-6.598624	-0.001718	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	-5.398509	-0.001406	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-5.136001	-0.001338	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-6.478034	-0.001687	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	-4.342191	-0.001131	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.020903	-0.000510	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.816449	-0.000964	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-4.583937	-0.001158	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-3.557805	-0.000898	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	-6.365393	-0.001607	PASS
DC_2A_ n77A-37	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-5.281920	-0.001334	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-6.403953	-0.001617	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	-4.807295	-0.001214	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	-3.034343	-0.000766	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-6.456535	-0.001630	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.389765	-0.001361	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.069742	-0.001533	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-4.132371	-0.001044	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	-5.784685	-0.001461	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	-8.434582	-0.002130	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-6.585767	-0.001663	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	-4.911345	-0.001240	PASS
DC_2A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-6.495325	-0.001640	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-30	-5.730033	-0.001538	PASS
DC_2A_ n77A-37	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-20	-1.610741	-0.000432	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-10	-4.587591	-0.001232	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	0	-0.778860	-0.000209	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	10	-4.080346	-0.001095	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	20	-0.681963	-0.000183	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	30	-4.254750	-0.001142	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	40	-4.731084	-0.001270	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	50	-4.417813	-0.001186	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-30	-4.031220	-0.001082	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-20	-3.640889	-0.000977	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.159328	-0.001117	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	0	-3.068801	-0.000824	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	10	-4.491037	-0.001206	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	20	-3.735963	-0.001003	PASS
DC_2A_ n77A-37	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	30	-5.061487	-0.001359	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	40	-3.631753	-0.000975	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	50	-3.765806	-0.001011	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.218854	-0.000578	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.770202	-0.000982	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-10	-5.227038	-0.001361	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	0	-3.898041	-0.001015	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	10	-4.471587	-0.001164	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	20	-5.494193	-0.001431	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	30	-5.020276	-0.001307	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	40	-1.994587	-0.000519	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	50	-4.374052	-0.001139	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.028907	-0.001049	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-20	-4.574324	-0.001191	PASS
DC_2A_ n77A-37	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.513846	-0.001175	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	0	-4.587300	-0.001195	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	10	-6.364178	-0.001657	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	20	-6.031944	-0.001571	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	30	-2.506240	-0.000653	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	40	-3.575770	-0.000931	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	50	-9.678460	-0.002520	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-30	-6.780771	-0.001714	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-20	-1.934821	-0.000489	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-10	-4.597361	-0.001162	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	0	-2.866391	-0.000725	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	10	-6.644690	-0.001680	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	20	-2.073359	-0.000524	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	30	-3.345207	-0.001622	PASS
DC_2A_ n77A-37	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	40	-4.829610	-0.001221	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	50	-3.526143	-0.000892	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-30	-6.415807	-0.001622	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-20	-7.405365	-0.001872	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-10	-4.716882	-0.001193	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	0	-6.182176	-0.001563	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	10	-3.542981	-0.000896	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	20	-2.852453	-0.000721	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	30	-8.808904	-0.002227	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	40	-6.643683	-0.001680	PASS
DC_2A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	50	-5.884293	-0.001488	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-30	-5.877564	-0.001576	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.603018	-0.001234	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.505496	-0.000940	PASS
DC_2A_ n77A-37	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	0	-1.942167	-0.000521	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	10	-3.999812	-0.001072	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	20	-2.433534	-0.000652	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	30	-5.419576	-0.001453	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	40	-3.640084	-0.000976	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	NV	50	-2.463866	-0.000661	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.558394	-0.000954	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-20	-6.775679	-0.001817	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	-10	-4.766881	-0.001278	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	0	-6.131408	-0.001644	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	10	-1.006679	-0.000270	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	20	-2.997689	-0.000804	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	30	-2.604757	-0.000698	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	40	-3.669112	-0.000984	PASS
DC_2A_ n77A-37	30	5+60	DFT-16QAM	M+L	Outer_Full	NV	50	-5.203696	-0.001395	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.320166	-0.000604	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.552615	-0.000665	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.687511	-0.000700	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	0	-6.349738	-0.001654	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	10	-4.977866	-0.001296	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	20	-6.105979	-0.001590	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	30	-4.419222	-0.001151	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	40	-5.662767	-0.001475	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	NV	50	-4.557988	-0.001187	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.726363	-0.001231	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-20	-7.778929	-0.002026	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.566213	-0.001189	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	0	-3.989478	-0.001039	PASS
DC_2A_ n77A-37	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	10	-3.630563	-0.000945	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	20	-5.127020	-0.001335	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	30	-2.798246	-0.000729	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	40	-5.848989	-0.001523	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	NV	50	-3.803689	-0.000991	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.581402	-0.000654	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-20	-5.562239	-0.001408	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	-10	-4.606278	-0.001166	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	0	-2.310320	-0.000585	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	10	-4.514631	-0.001143	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	20	-4.590711	-0.001162	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	30	-3.527838	-0.000893	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	40	-2.707908	-0.000686	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	NV	50	-4.820420	-0.001220	PASS
DC_2A_ n77A-37	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.502953	-0.001393	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-20	-3.454087	-0.000874	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.621153	-0.001676	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	0	-1.657864	-0.000420	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	10	-7.192263	-0.001821	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	20	-5.781785	-0.001464	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	30	-3.746231	-0.000948	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	40	-7.606205	-0.001926	PASS
DC_2A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	NV	50	-7.192911	-0.001821	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.972204	-0.001062	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.909254	-0.001313	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.543419	-0.000413	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	0	-3.146963	-0.000841	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	10	-0.439591	-0.000118	PASS
DC_2A_ n77A-37	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	20	-3.309797	-0.000885	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	30	-3.746327	-0.001002	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	40	-1.952582	-0.000522	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	NV	50	-4.518077	-0.001208	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.778069	-0.001812	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-20	-0.782770	-0.000209	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	-10	-5.008022	-0.001339	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	0	-9.323596	-0.002493	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	10	-6.938113	-0.001855	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	20	-2.912018	-0.000779	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	30	-6.619873	-0.001770	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	40	-3.718245	-0.000994	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	NV	50	-2.525039	-0.000675	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.894880	-0.001014	PASS
DC_2A_ n77A-37	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-20	-4.418863	-0.001151	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	-10	-1.848078	-0.000481	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	0	-3.764325	-0.000980	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	10	-5.908978	-0.001539	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	20	-6.135827	-0.001598	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	30	-4.355939	-0.001134	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	40	-4.429812	-0.001154	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	NV	50	-7.135931	-0.001858	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.695003	-0.001223	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.077471	-0.000801	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.718008	-0.001489	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	0	-6.494388	-0.001691	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	10	-2.854518	-0.000743	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	20	-6.434873	-0.001676	PASS
DC_2A_ n77A-37	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	30	-7.353981	-0.001915	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	40	-4.734849	-0.001233	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	NV	50	-6.459763	-0.001682	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.815728	-0.000715	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.278216	-0.000832	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	-10	-4.917808	-0.001248	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	0	-6.026506	-0.001530	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	10	-2.550427	-0.000647	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	20	-2.566303	-0.000651	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	30	-3.947144	-0.001002	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	40	-5.407035	-0.001372	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	NV	50	-3.861364	-0.000980	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.264547	-0.002098	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-20	-4.085238	-0.001037	PASS
DC_2A_ n77A-37	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.072457	-0.001541	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	0	-3.408965	-0.000865	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	10	-3.498971	-0.000888	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	20	-6.694754	-0.001699	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	30	-8.992219	-0.002282	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	40	-6.304935	-0.001600	PASS
DC_2A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	NV	50	-5.537960	-0.001406	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-30	-4.648445	-0.001241	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.773232	-0.000741	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.463692	-0.000925	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	0	-3.685481	-0.000984	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	10	-1.617736	-0.000432	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	20	-4.243412	-0.001133	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	30	-3.036573	-0.000811	PASS
DC_2A_ n77A-37	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	40	-4.343169	-0.001160	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	NV	50	-5.670786	-0.001514	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.869334	-0.001033	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-20	-8.031623	-0.002145	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	-10	-6.535477	-0.001745	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	0	-5.741839	-0.001533	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	10	-6.923922	-0.001849	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	20	-5.554735	-0.001483	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	30	-4.565442	-0.001219	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	40	-3.729652	-0.000996	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	NV	50	-6.415733	-0.001713	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.864985	-0.000746	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.432803	-0.000894	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.445987	-0.000637	PASS
DC_2A_ n77A-37	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	0	-4.171408	-0.001086	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	10	-1.332137	-0.000347	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	20	-3.326029	-0.000866	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	30	-2.742453	-0.000714	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	40	-4.693732	-0.001222	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	NV	50	-2.980092	-0.000776	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.773153	-0.001243	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-20	-8.000929	-0.002084	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.945383	-0.001548	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	0	-7.450446	-0.001940	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	10	-9.065102	-0.002361	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	20	-3.131711	-0.000816	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	30	-2.610672	-0.000680	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	40	-2.877493	-0.000749	PASS
DC_2A_ n77A-37	30	5+90	DFT-16QAM	M+M	Outer_Full	NV	50	-6.556965	-0.001708	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.176289	-0.001061	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-20	-6.408496	-0.001629	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	-10	-1.083989	-0.000275	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	0	-7.684462	-0.001953	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	10	-1.422486	-0.000361	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	20	-2.683243	-0.000682	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	30	-4.901313	-0.001246	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	40	-2.673838	-0.000680	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	NV	50	-4.622975	-0.001175	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-30	-4.665829	-0.001186	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.081909	-0.002054	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.660518	-0.001439	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	0	-7.023902	-0.001785	PASS
DC_2A_ n77A-37	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	10	-2.493398	-0.000634	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	20	-2.761223	-0.000702	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	30	-7.601034	-0.001932	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	40	-4.458280	-0.001133	PASS
DC_2A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	NV	50	-6.273711	-0.001594	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.569230	-0.000952	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.737979	-0.001263	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	-10	-5.443578	-0.001452	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	0	-2.744044	-0.000732	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	10	-3.458333	-0.000922	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	20	-1.720430	-0.000459	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	30	-4.414672	-0.001177	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	40	-3.698929	-0.000986	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	NV	50	-5.098784	-0.001360	PASS
DC_2A_ n77A-37	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-30	-4.974927	-0.001327	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-20	-3.223248	-0.000860	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.399546	-0.000907	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	0	-1.775767	-0.000474	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	10	-3.563227	-0.000950	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	20	-0.102503	-0.000027	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	30	0.545221	0.000145	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	40	-6.612826	-0.001763	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	NV	50	-0.122484	-0.000033	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.076023	-0.000541	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-20	-4.534184	-0.001181	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	-10	-3.937399	-0.001025	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	0	-6.670805	-0.001737	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	10	-1.571252	-0.000409	PASS
DC_2A_ n77A-37	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	20	-5.661562	-0.001474	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	30	-4.247146	-0.001106	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	40	-2.866848	-0.000747	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	NV	50	-5.161676	-0.001344	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.823252	-0.001256	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-20	-1.287587	-0.000335	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	-10	-5.228831	-0.001362	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	0	-4.280416	-0.001115	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	10	-0.959278	-0.000250	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	20	-6.625287	-0.001725	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	30	-4.193843	-0.001092	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	40	-3.875488	-0.001009	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	NV	50	-6.309492	-0.001643	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-30	-5.244081	-0.001334	PASS
DC_2A_ n77A-37	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-20	-4.167235	-0.001060	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	-10	-1.008267	-0.000257	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	0	-4.182344	-0.001064	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	10	-5.785318	-0.001472	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	20	-2.609959	-0.000664	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	30	-5.021537	-0.001278	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	40	-3.901857	-0.000993	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	NV	50	-6.583926	-0.001675	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.908893	-0.000740	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-20	-3.112378	-0.000792	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	-10	-3.614017	-0.000920	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	0	-3.249565	-0.000827	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	10	-1.185466	-0.000302	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	20	-7.233573	-0.001841	PASS
DC_2A_ n77A-37	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	30	-1.533578	-0.000390	PASS

00-3980										
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	40	-6.756921	-0.001719	PASS
DC_2A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	NV	50	-3.733021	-0.000950	PASS