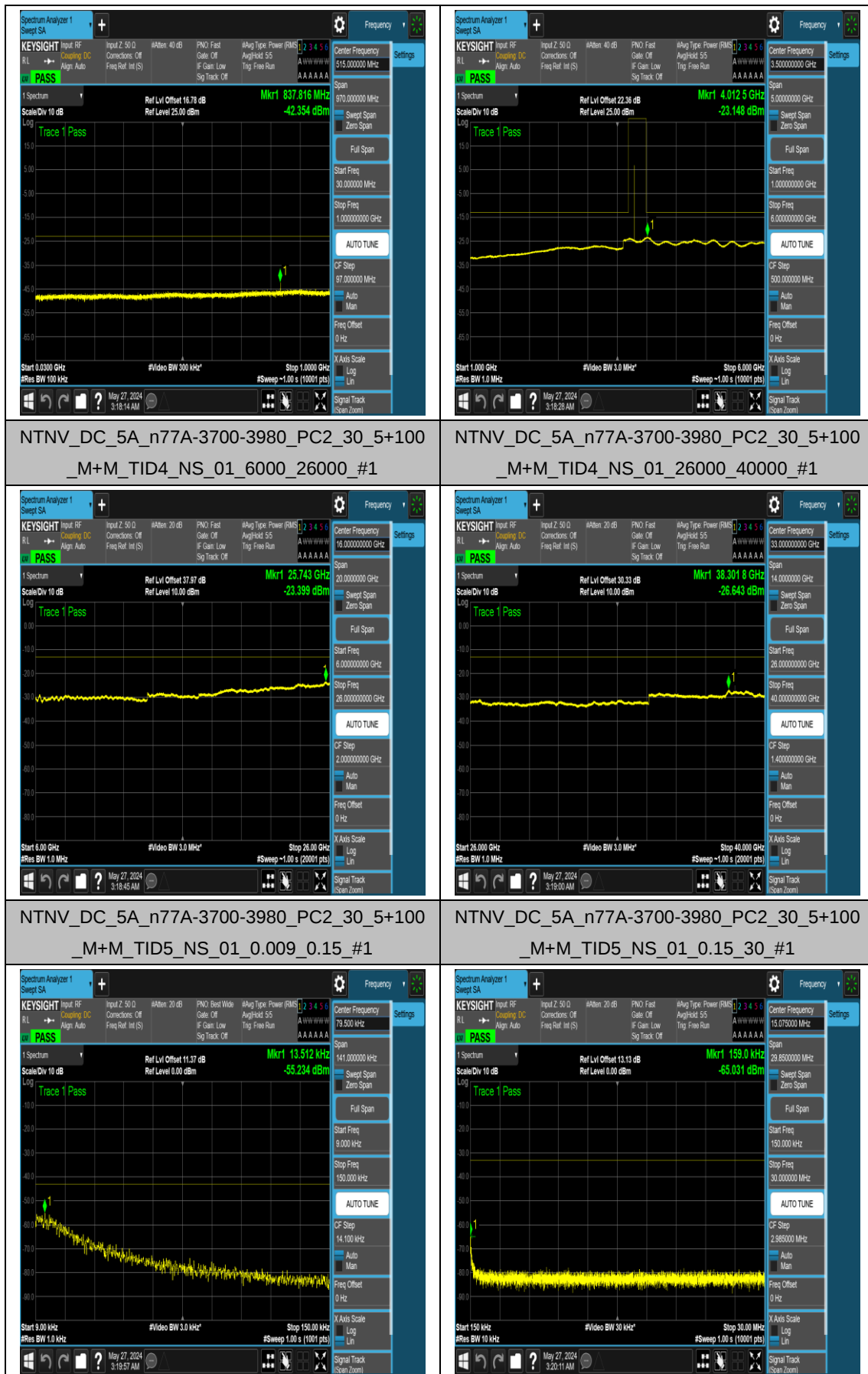
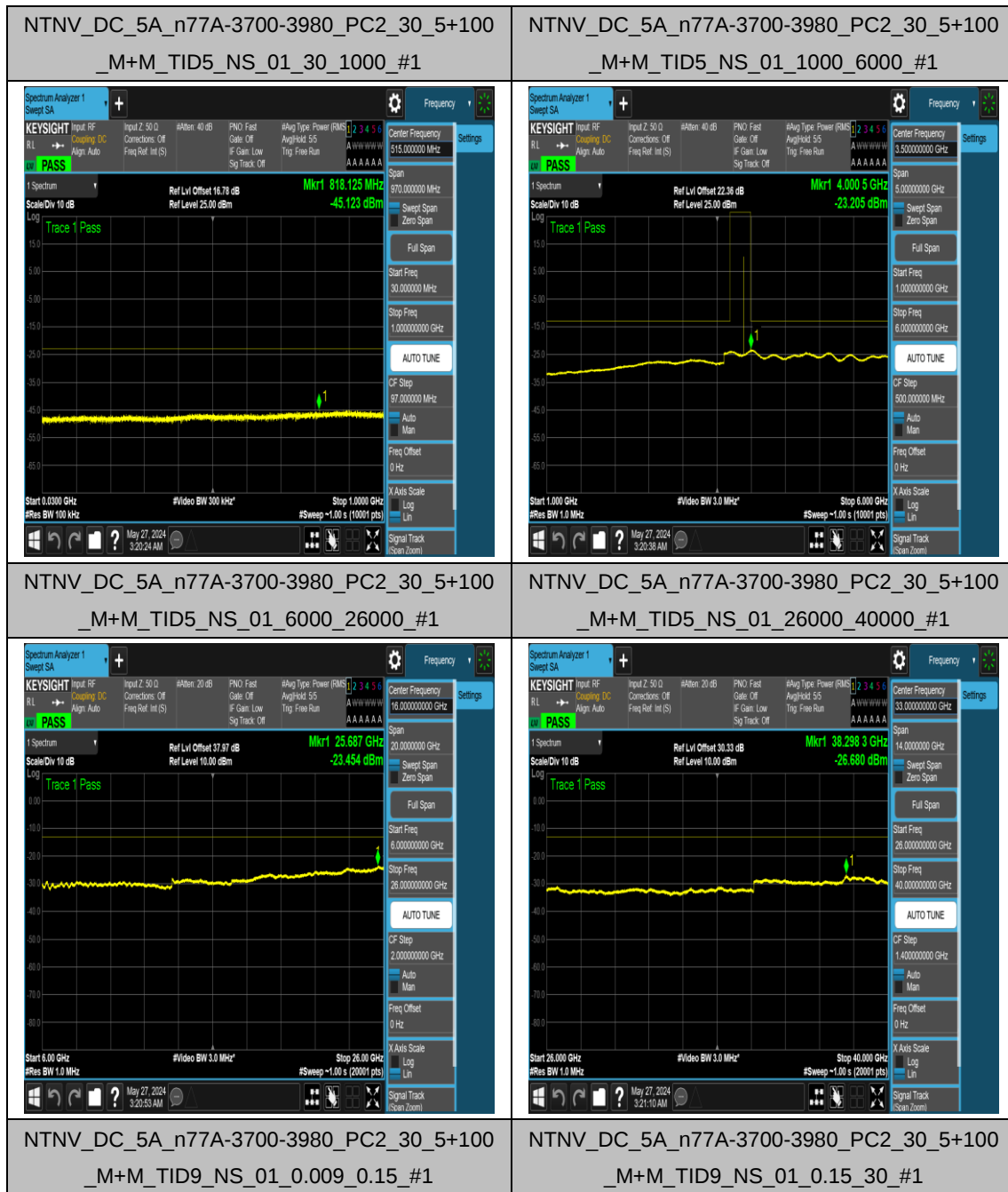
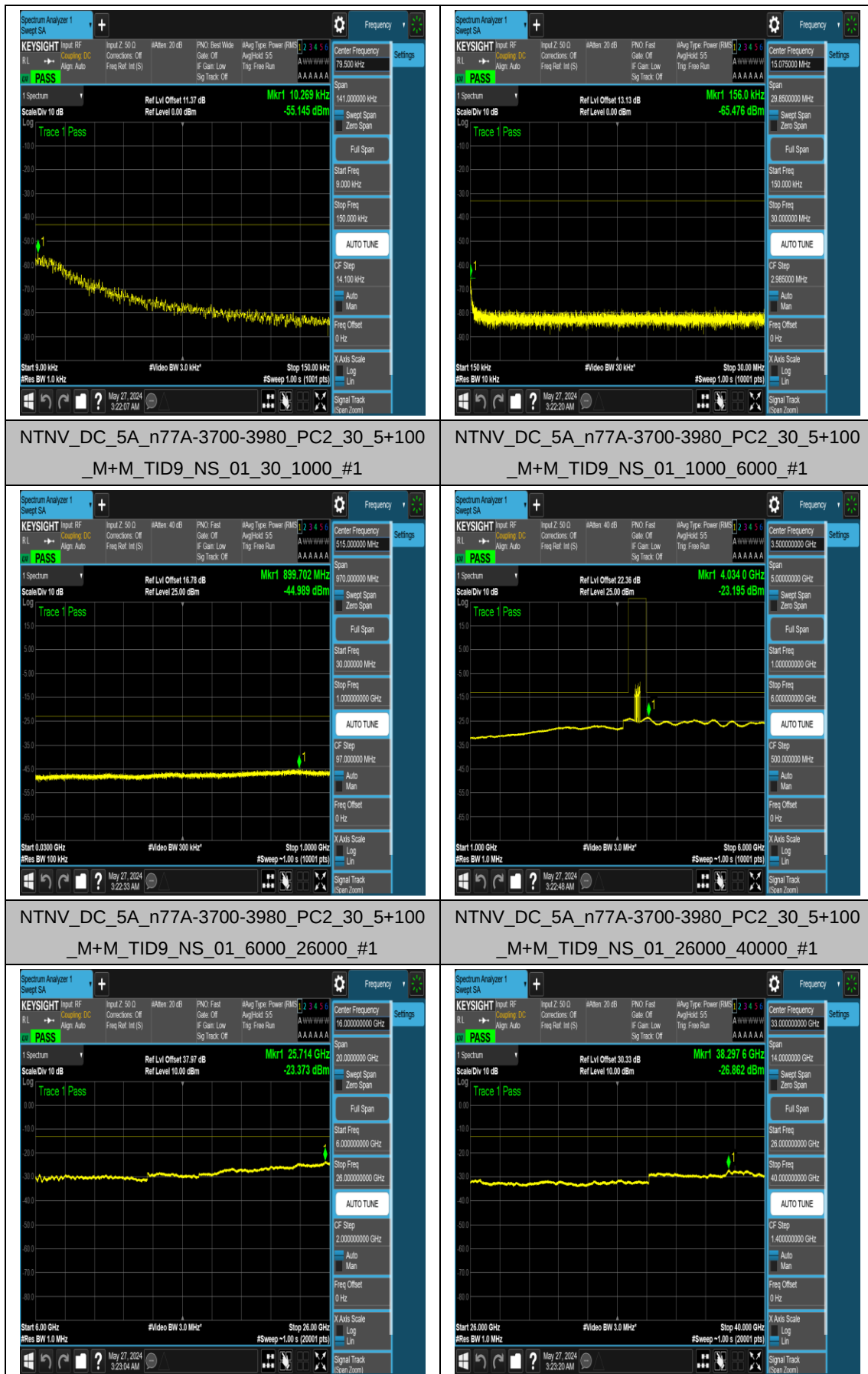
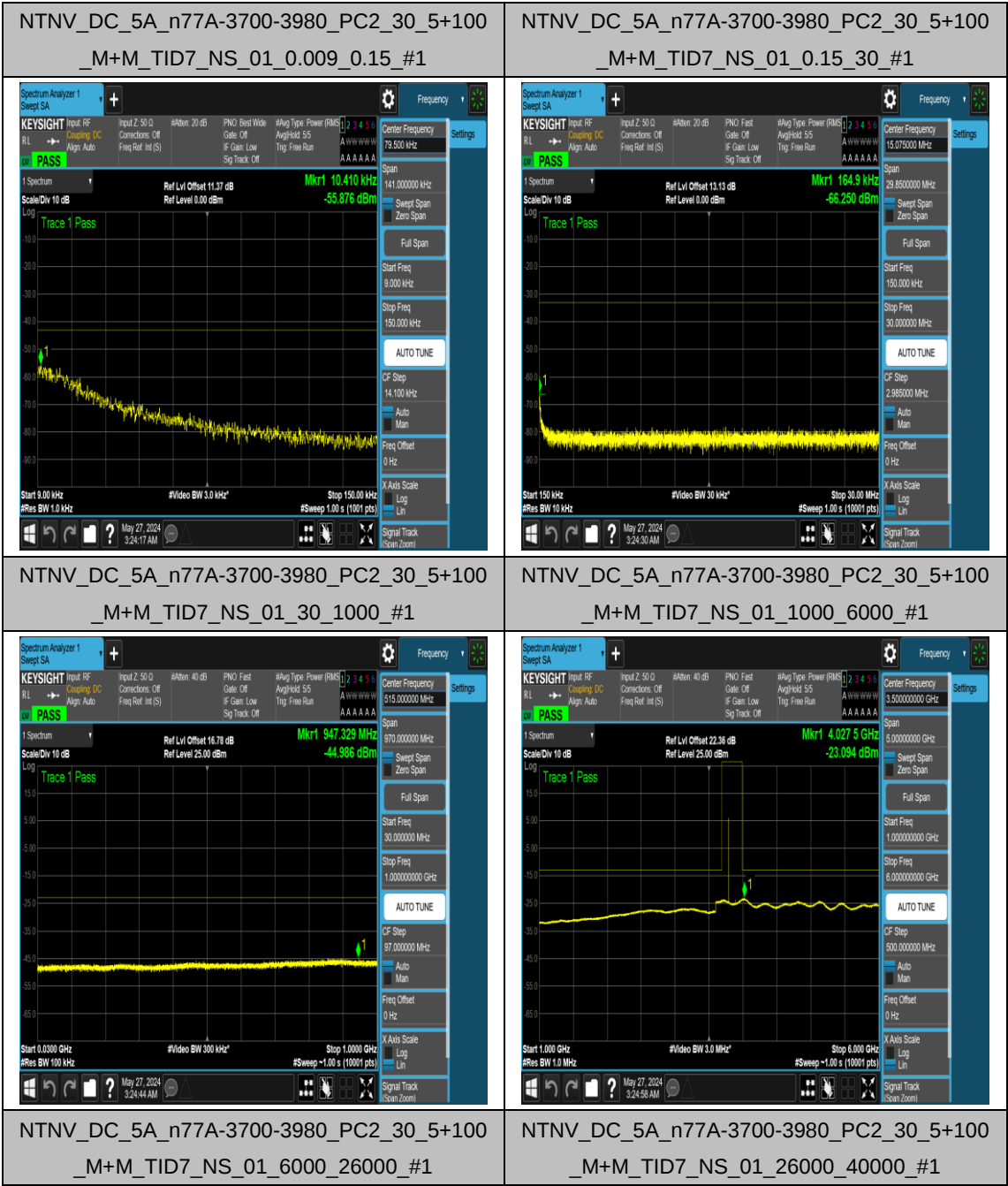
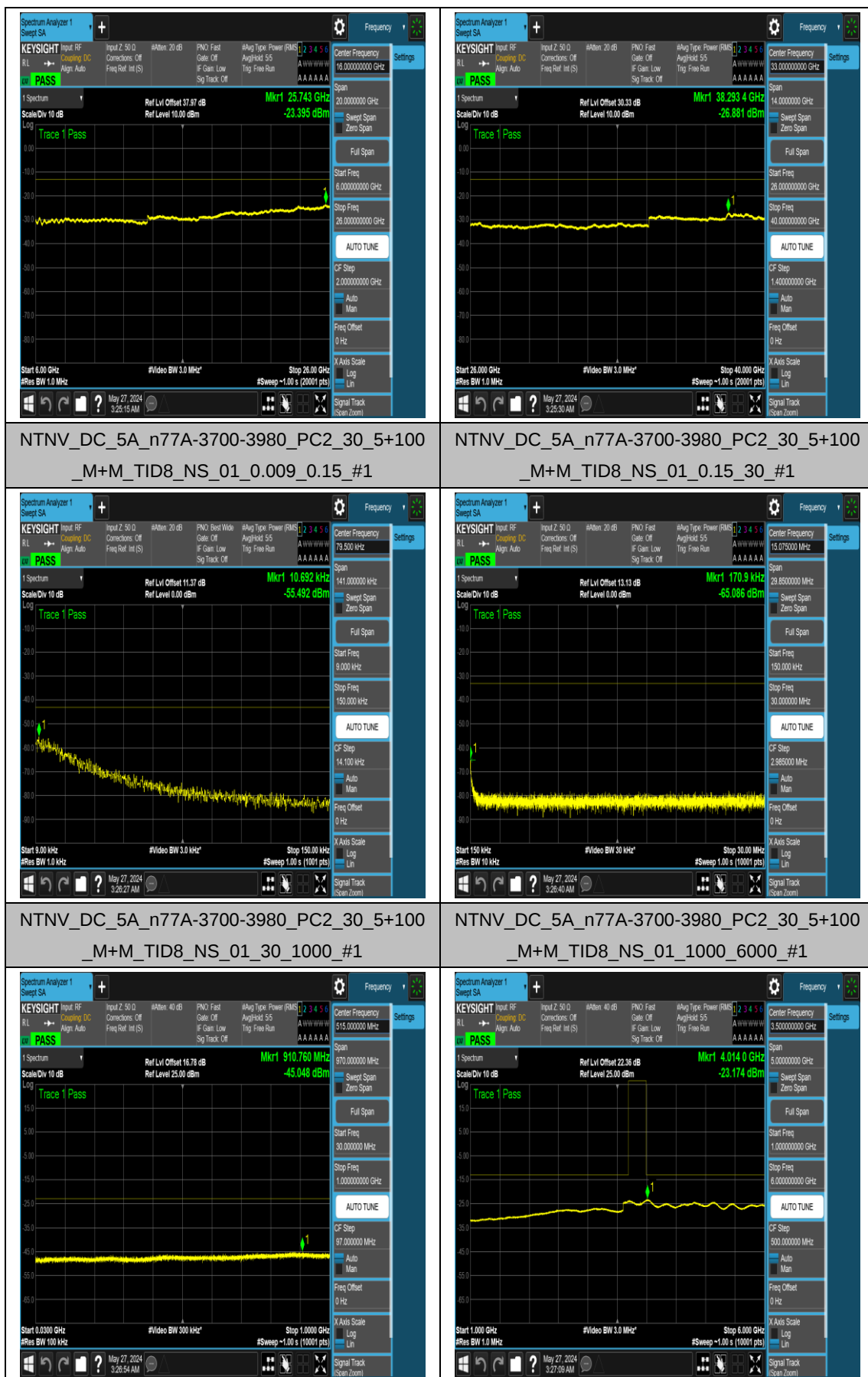


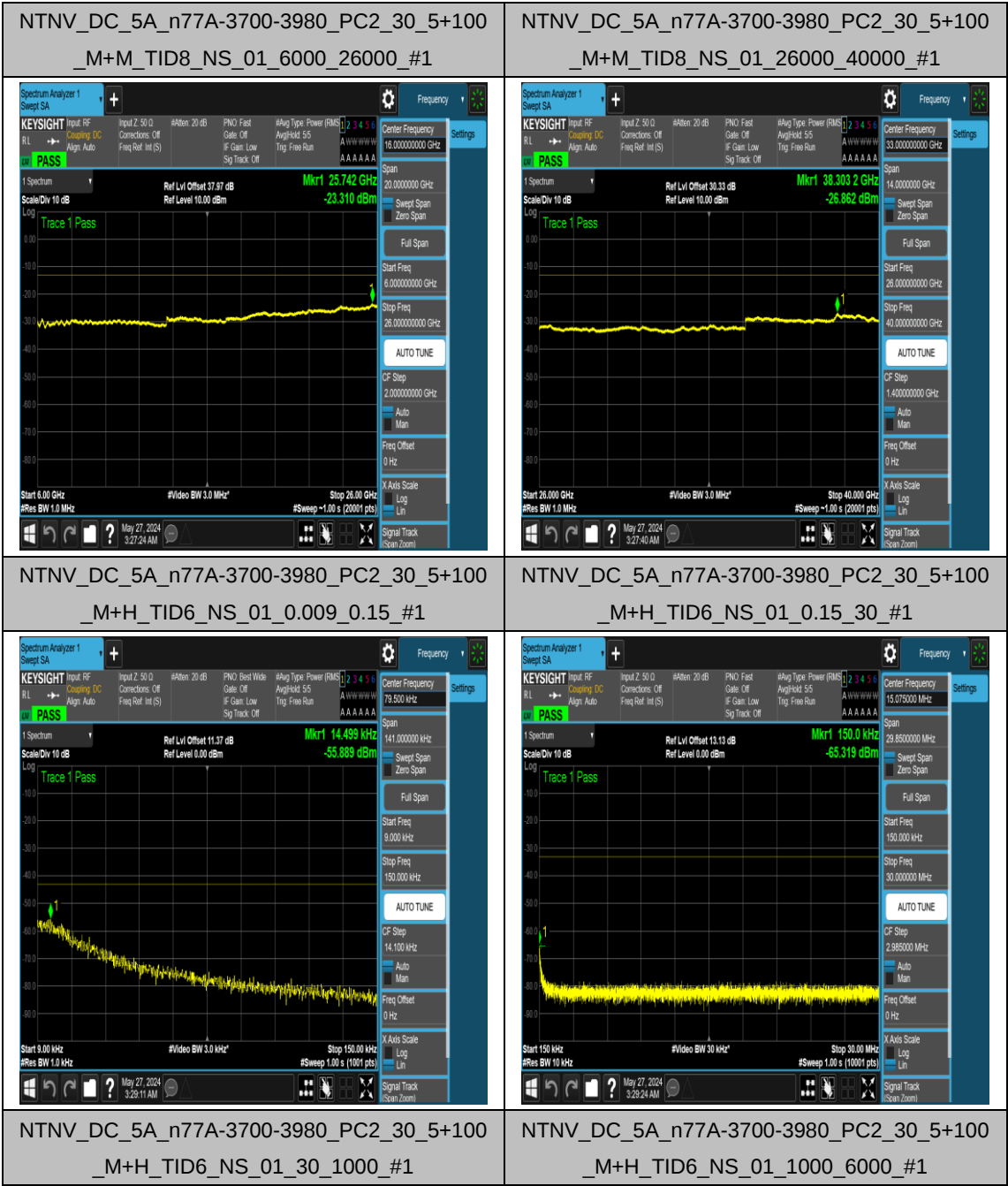


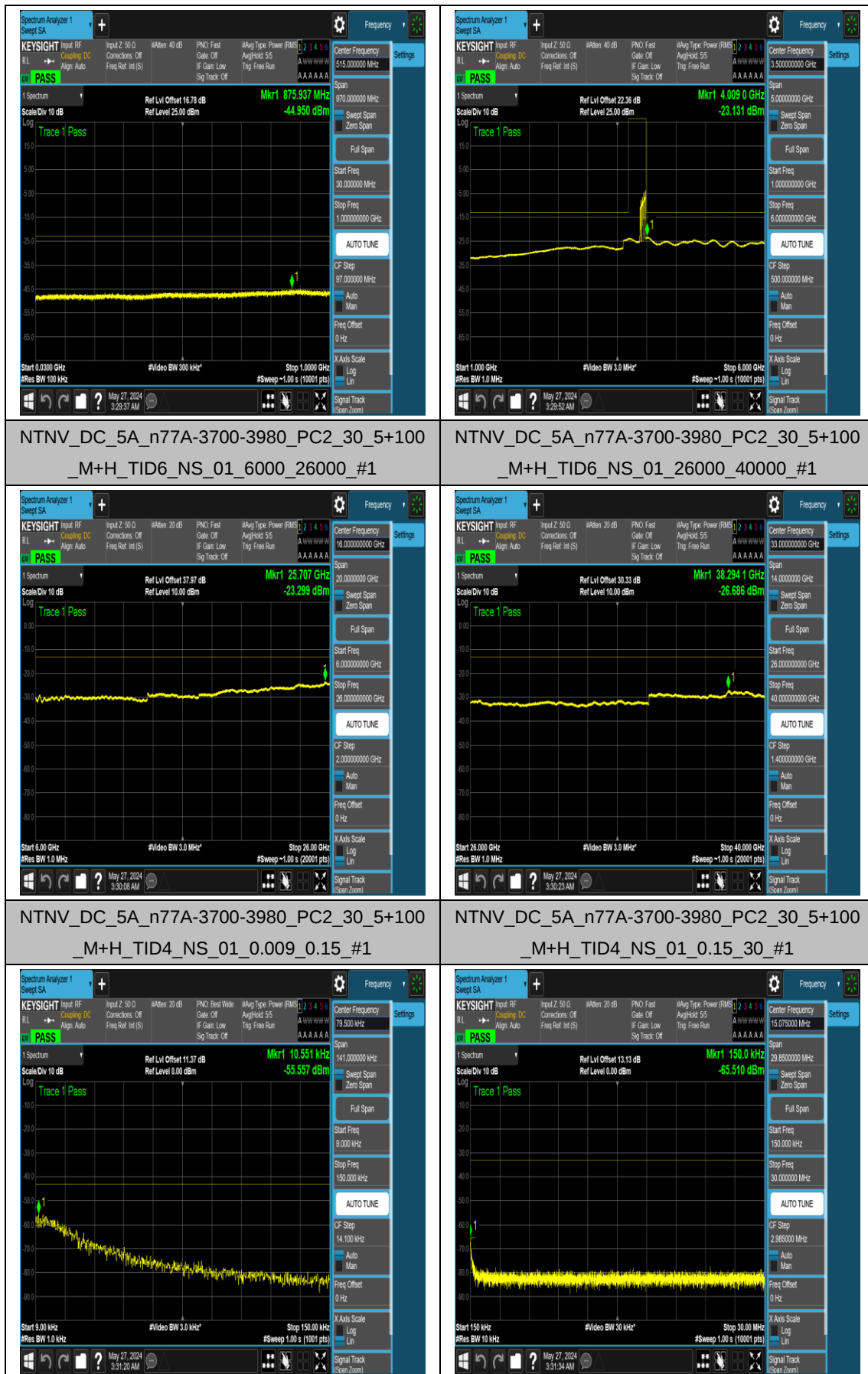


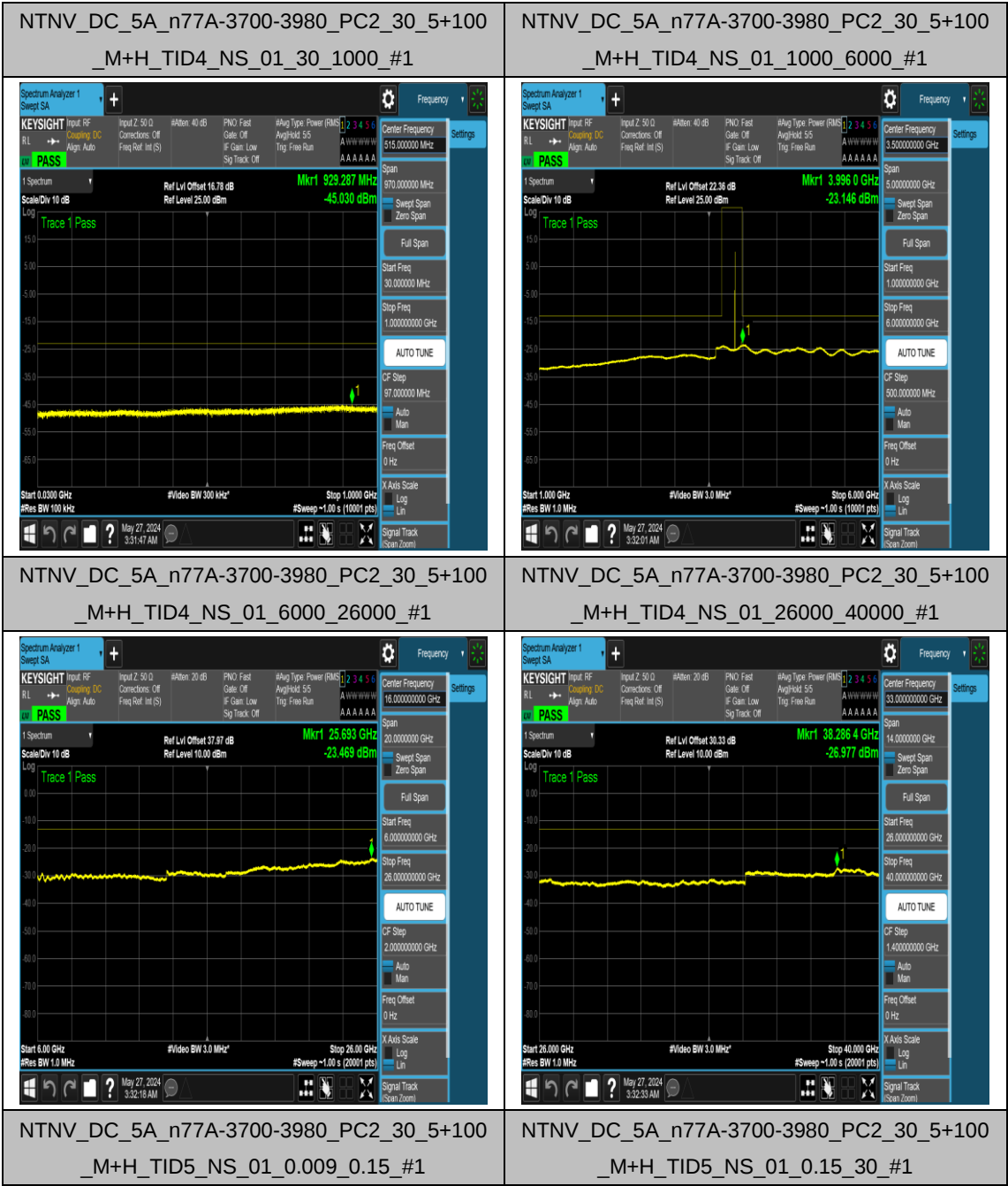


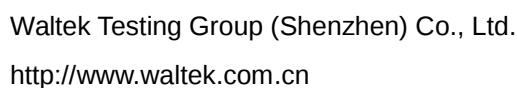


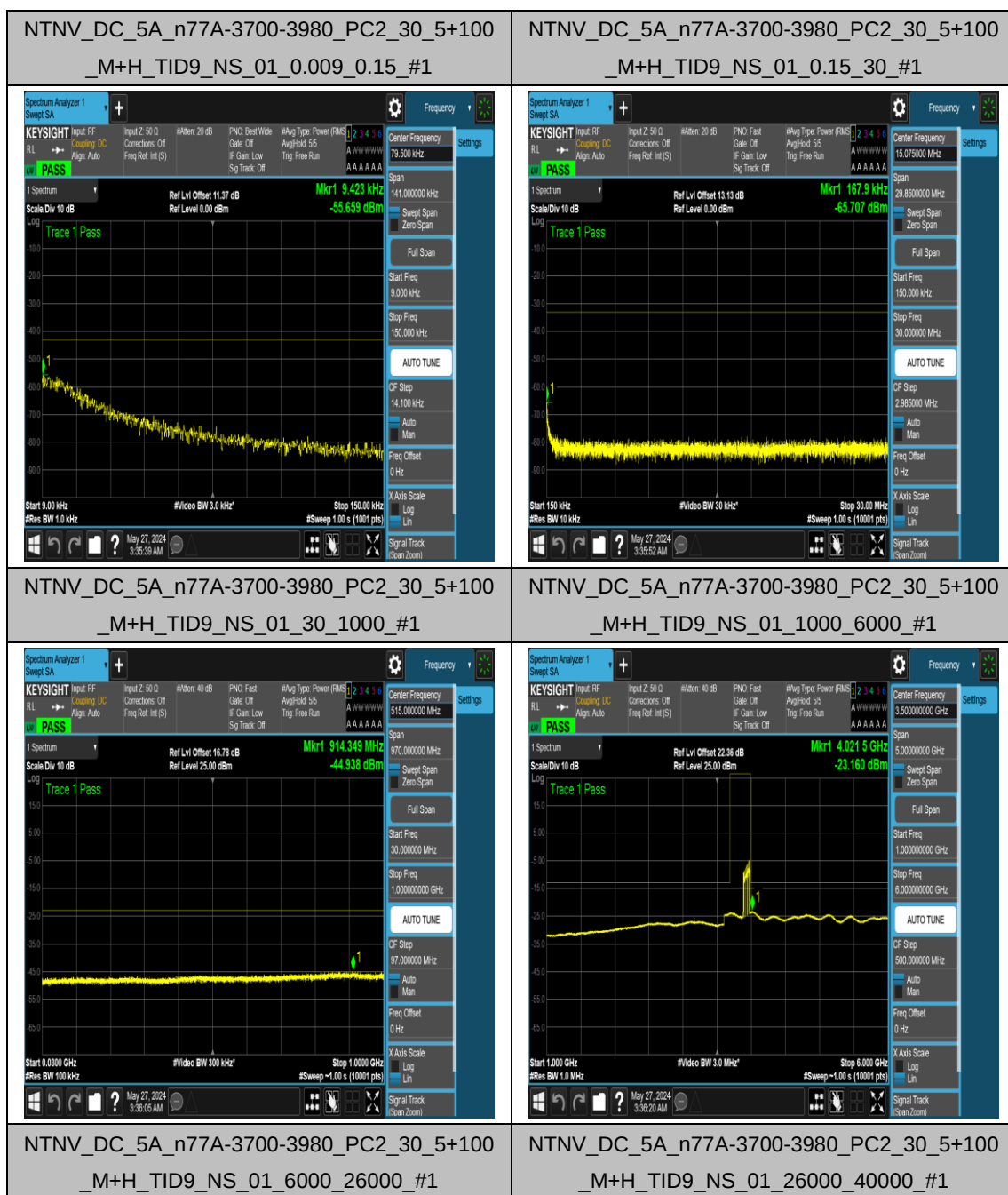


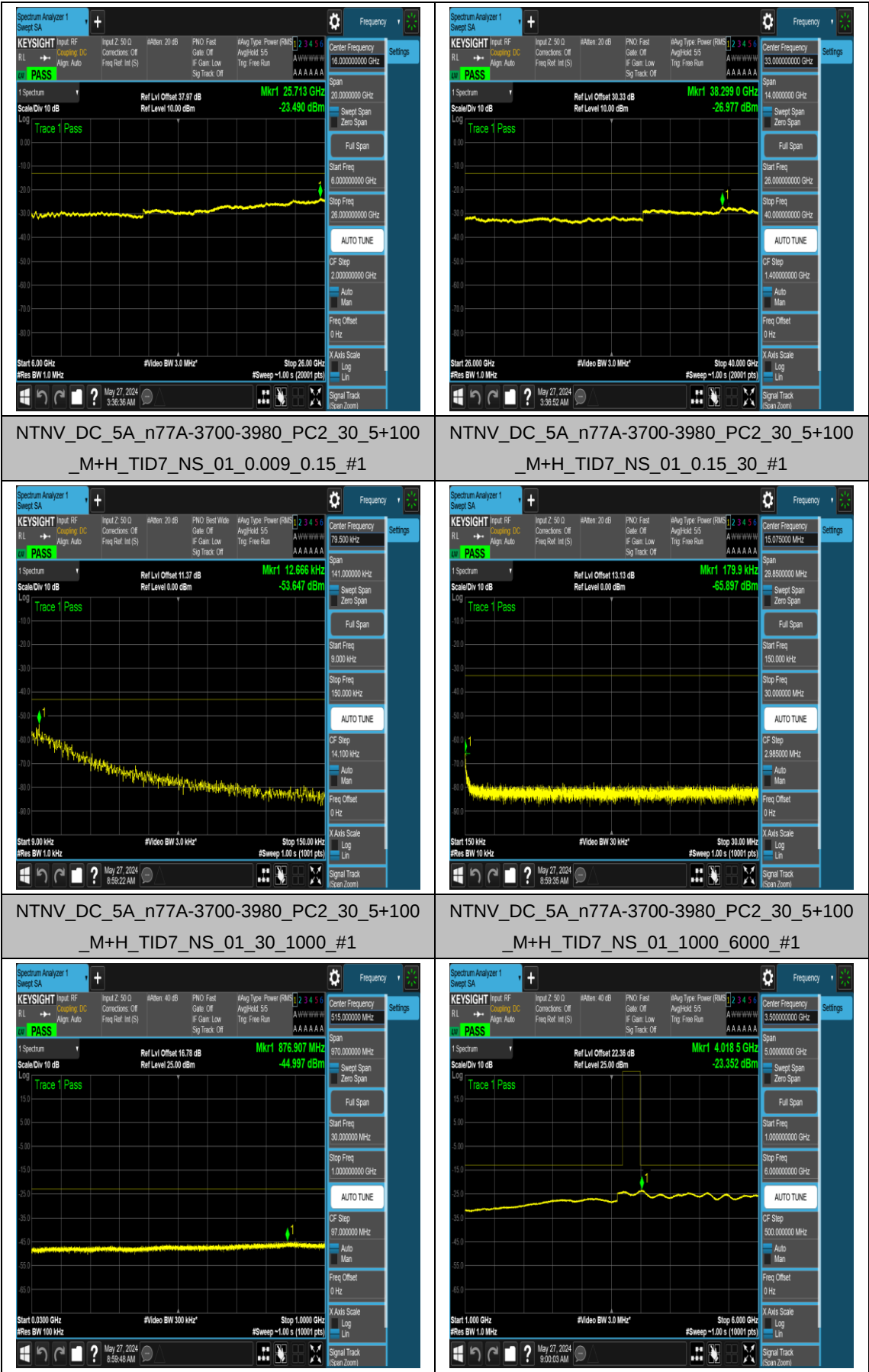


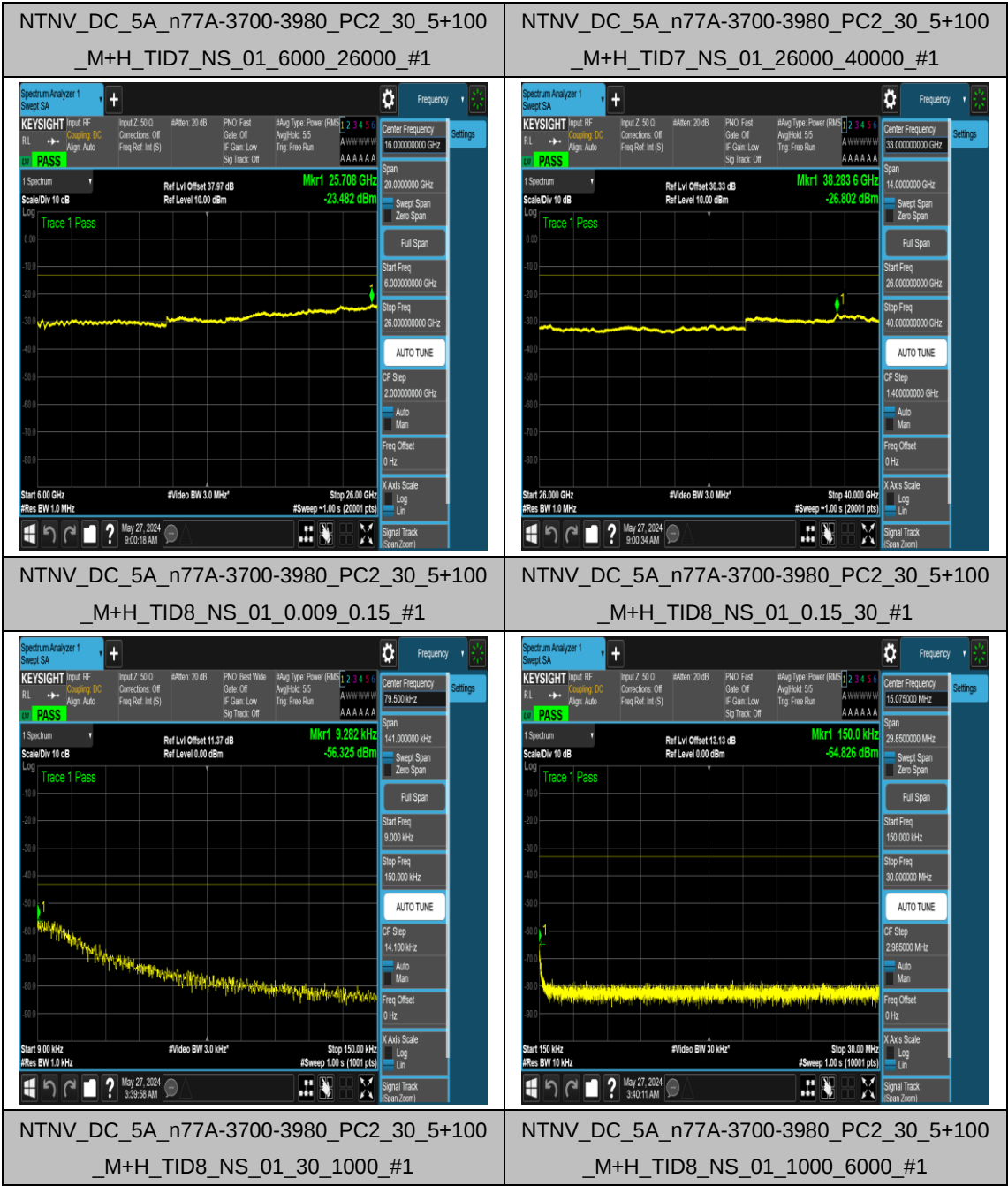


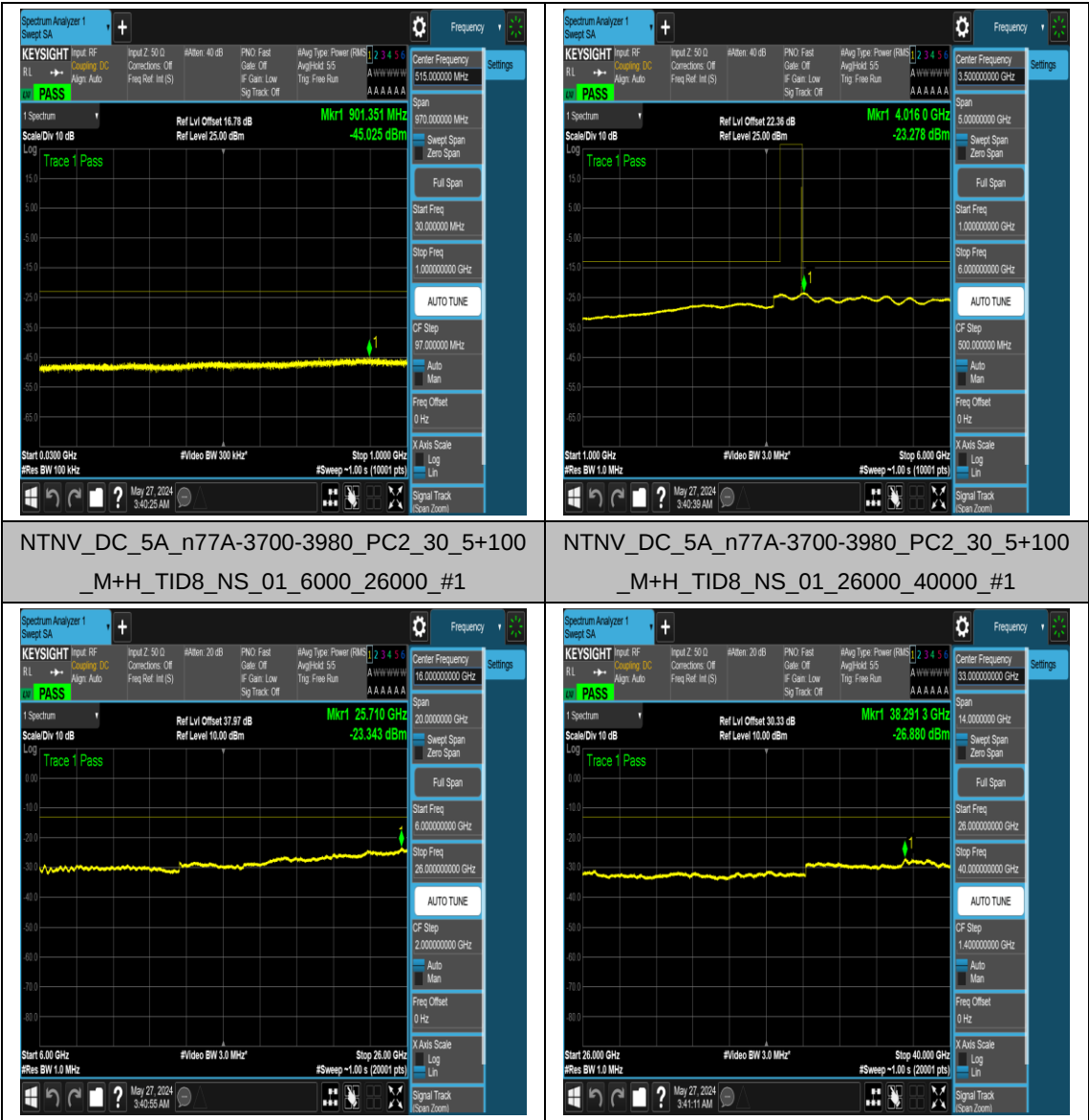












Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	12.000000	0.003239	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	14.000000	0.003779	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	9.000000	0.002429	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	19.000000	0.005128	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	13.000000	0.003509	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	9.000000	0.002429	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	4.000000	0.001042	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	2.000000	0.000521	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	13.000000	0.003385	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	1.000000	0.000260	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	1.000000	0.000260	PASS
DC_5A_n77A-3700-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	3.000000	0.000781	PASS

DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	11.000000	0.002767	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	3.000000	0.000755	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	5.000000	0.001258	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	1.000000	0.000252	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	14.000000	0.003522	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	5.000000	0.001258	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	7.000000	0.001888	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	10.000000	0.002697	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	12.000000	0.003237	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	1.000000	0.000270	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	8.000000	0.002158	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	10.000000	0.002697	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	11.000000	0.002865	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	18.000000	0.004688	PASS

DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	9.000000	0.002344	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	5.000000	0.001302	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	4.000000	0.001042	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	16.000000	0.004028	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	6.000000	0.001510	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	8.000000	0.002014	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	7.000000	0.001762	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	9.000000	0.002266	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	11.000000	0.002769	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	10.000000	0.002695	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	2.000000	0.000539	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	4.000000	0.001078	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	16.000000	0.004313	PASS

DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	1.000000	0.000270	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	3.000000	0.000809	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	17.000000	0.004427	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	12.000000	0.003125	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	11.000000	0.002865	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	11.000000	0.002865	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	5.000000	0.001302	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	4.000000	0.001042	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	14.000000	0.003526	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	15.000000	0.003778	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	7.000000	0.001763	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	3.000000	0.000756	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	10.000000	0.002519	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	12.000000	0.003023	PASS

DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	13.000000	0.003499	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	7.000000	0.001884	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	18.000000	0.004845	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	13.000000	0.003499	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	13.000000	0.003499	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	3.000000	0.000808	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	7.000000	0.001823	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	12.000000	0.003125	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	10.000000	0.002604	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	15.000000	0.003783	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	10.000000	0.002522	PASS

DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	8.000000	0.002017	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	8.000000	0.002017	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	15.000000	0.003783	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	17.000000	0.004288	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	10.000000	0.002688	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	17.000000	0.004570	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	16.000000	0.004301	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	8.000000	0.002151	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	6.000000	0.001613	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	2.000000	0.000538	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	4.000000	0.001042	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	9.000000	0.002344	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	7.000000	0.001823	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	19.000000	0.004948	PASS

DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	3.000000	0.000781	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	4.000000	0.001010	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	14.000000	0.003535	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	16.000000	0.004040	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	11.000000	0.002778	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	6.000000	0.001515	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	16.000000	0.004040	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	VL	NT	19.000000	0.005101	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	VN	NT	11.000000	0.002953	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	VH	NT	3.000000	0.000805	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	VL	NT	15.000000	0.004027	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	VN	NT	6.000000	0.001611	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	VH	NT	4.000000	0.001074	PASS

DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	VL	NT	13.000000	0.003385	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	VN	NT	8.000000	0.002083	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	VH	NT	7.000000	0.001823	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	VL	NT	9.000000	0.002344	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	VN	NT	7.000000	0.001823	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	VH	NT	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	VL	NT	8.000000	0.002023	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	VN	NT	11.000000	0.002781	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	VH	NT	1.000000	0.000253	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	VL	NT	6.000000	0.001517	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	VN	NT	1.000000	0.000253	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	VH	NT	18.000000	0.004551	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VL	NT	17.000000	0.004558	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VN	NT	15.000000	0.004021	PASS

DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+L	Outer_Full	VH	NT	10.000000	0.002681	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VL	NT	1.000000	0.000268	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VN	NT	1.000000	0.000268	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+L	Outer_Full	VH	NT	18.000000	0.004826	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VL	NT	19.000000	0.004948	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VN	NT	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+M	Outer_Full	VH	NT	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VL	NT	2.000000	0.000521	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VN	NT	16.000000	0.004167	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+M	Outer_Full	VH	NT	2.000000	0.000521	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VL	NT	17.000000	0.004304	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VN	NT	15.000000	0.003797	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-QPSK	M+H	Outer_Full	VH	NT	7.000000	0.001772	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VL	NT	7.000000	0.001772	PASS

DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VN	NT	1.000000	0.000253	PASS
DC_5A_ n77A-37 00-3980	30	5+60	DFT-16QAM	M+H	Outer_Full	VH	NT	19.000000	0.004810	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	VL	NT	2.000000	0.000535	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	VN	NT	12.000000	0.003213	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-QPSK	M+L	Outer_Full	VH	NT	11.000000	0.002945	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	VL	NT	8.000000	0.002142	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	VN	NT	7.000000	0.001874	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-16QAM	M+L	Outer_Full	VH	NT	13.000000	0.003481	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	VL	NT	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	VN	NT	17.000000	0.004427	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-QPSK	M+M	Outer_Full	VH	NT	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	VL	NT	5.000000	0.001302	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	VN	NT	4.000000	0.001042	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-16QAM	M+M	Outer_Full	VH	NT	2.000000	0.000521	PASS

DC_5A_ n77A-37 00-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	VL	NT	2.000000	0.000506	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	VN	NT	12.000000	0.003042	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-QPSK	M+H	Outer_Full	VH	NT	13.000000	0.003295	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	VL	NT	4.000000	0.001013	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	VN	NT	19.000000	0.004816	PASS
DC_5A_ n77A-37 00-3980	30	5+70	DFT-16QAM	M+H	Outer_Full	VH	NT	17.000000	0.004309	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VL	NT	5.000000	0.001337	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VN	NT	9.000000	0.002406	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+L	Outer_Full	VH	NT	13.000000	0.003476	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VL	NT	5.000000	0.001337	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VN	NT	19.000000	0.005080	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+L	Outer_Full	VH	NT	5.000000	0.001337	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VL	NT	10.000000	0.002604	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VN	NT	17.000000	0.004427	PASS

DC_5A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+M	Outer_Full	VH	NT	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VL	NT	3.000000	0.000781	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VN	NT	8.000000	0.002083	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+M	Outer_Full	VH	NT	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VL	NT	12.000000	0.003046	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VN	NT	10.000000	0.002538	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-QPSK	M+H	Outer_Full	VH	NT	19.000000	0.004822	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VL	NT	4.000000	0.001015	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VN	NT	17.000000	0.004315	PASS
DC_5A_ n77A-37 00-3980	30	5+80	DFT-16QAM	M+H	Outer_Full	VH	NT	13.000000	0.003300	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	VL	NT	14.000000	0.003738	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	VN	NT	13.000000	0.003471	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+L	Outer_Full	VH	NT	11.000000	0.002937	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	VL	NT	10.000000	0.002670	PASS

DC_5A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	VN	NT	16.000000	0.004272	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+L	Outer_Full	VH	NT	6.000000	0.001602	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	VL	NT	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	VN	NT	16.000000	0.004167	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+M	Outer_Full	VH	NT	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	VL	NT	1.000000	0.000260	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	VN	NT	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+M	Outer_Full	VH	NT	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	VL	NT	19.000000	0.004828	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	VN	NT	16.000000	0.004066	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-QPSK	M+H	Outer_Full	VH	NT	6.000000	0.001525	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	VL	NT	17.000000	0.004320	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	VN	NT	9.000000	0.002287	PASS
DC_5A_ n77A-37 00-3980	30	5+90	DFT-16QAM	M+H	Outer_Full	VH	NT	10.000000	0.002541	PASS

DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VL	NT	1.000000	0.000267	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VN	NT	12.000000	0.003200	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+L	Outer_Full	VH	NT	10.000000	0.002667	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VL	NT	13.000000	0.003467	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VN	NT	5.000000	0.001333	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+L	Outer_Full	VH	NT	1.000000	0.000267	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VL	NT	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VN	NT	7.000000	0.001823	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+M	Outer_Full	VH	NT	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VL	NT	3.000000	0.000781	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VN	NT	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+M	Outer_Full	VH	NT	13.000000	0.003385	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VL	NT	12.000000	0.003053	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VN	NT	10.000000	0.002545	PASS

DC_5A_ n77A-37 00-3980	30	5+100	DFT-QPSK	M+H	Outer_Full	VH	NT	12.000000	0.003053	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VL	NT	2.000000	0.000509	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VN	NT	19.000000	0.004835	PASS
DC_5A_ n77A-37 00-3980	30	5+100	DFT-16QAM	M+H	Outer_Full	VH	NT	17.000000	0.004326	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	5.000000	0.001350	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	7.000000	0.001889	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	15.000000	0.004048	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	18.000000	0.004858	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	13.000000	0.003509	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	5.000000	0.001350	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	11.000000	0.002969	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	3.000000	0.000810	PASS
DC_5A_ n77A-37	30	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	12.000000	0.003239	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	11.000000	0.002969	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	3.000000	0.000810	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	5.000000	0.001350	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	7.000000	0.001889	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	17.000000	0.004588	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	19.000000	0.005128	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	2.000000	0.000540	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	14.000000	0.003779	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	16.000000	0.004318	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	10.000000	0.002604	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	13.000000	0.003385	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	5.000000	0.001302	PASS
DC_5A_ n77A-37	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	7.000000	0.001823	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	1.000000	0.000260	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	3.000000	0.000781	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	5.000000	0.001302	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	5.000000	0.001302	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	16.000000	0.004167	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	17.000000	0.004427	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	10.000000	0.002604	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	12.000000	0.003125	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	2.000000	0.000521	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	13.000000	0.003385	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	15.000000	0.003774	PASS
DC_5A_ n77A-37	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	4.000000	0.001006	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	13.000000	0.003270	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	15.000000	0.003774	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	14.000000	0.003522	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	6.000000	0.001509	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	8.000000	0.002013	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	16.000000	0.004025	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	15.000000	0.003774	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	1.000000	0.000252	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	13.000000	0.003270	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	12.000000	0.003019	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	4.000000	0.001006	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	6.000000	0.001509	PASS
DC_5A_ n77A-37	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	8.000000	0.002013	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	3.000000	0.000755	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	1.000000	0.000252	PASS
DC_5A_ n77A-37 00-3980	30	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	14.000000	0.003522	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	14.000000	0.003776	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	10.000000	0.002697	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	18.000000	0.004855	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	12.000000	0.003237	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	11.000000	0.002967	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	10.000000	0.002697	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	16.000000	0.004316	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	15.000000	0.004046	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	14.000000	0.003776	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	9.000000	0.002428	PASS
DC_5A_ n77A-37	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	10.000000	0.002697	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	2.000000	0.000539	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	4.000000	0.001079	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	6.000000	0.001618	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	8.000000	0.002158	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	6.000000	0.001618	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	17.000000	0.004585	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	7.000000	0.001888	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	1.000000	0.000260	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	16.000000	0.004167	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	5.000000	0.001302	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	4.000000	0.001042	PASS
DC_5A_ n77A-37	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	6.000000	0.001563	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	2.000000	0.000521	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	4.000000	0.001042	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	5.000000	0.001302	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	16.000000	0.004167	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	16.000000	0.004167	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	1.000000	0.000260	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	16.000000	0.004167	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	10.000000	0.002517	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	9.000000	0.002266	PASS
DC_5A_ n77A-37	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	7.000000	0.001762	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	13.000000	0.003273	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	15.000000	0.003776	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	18.000000	0.004531	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	7.000000	0.001762	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	18.000000	0.004531	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	1.000000	0.000252	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	13.000000	0.003273	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	3.000000	0.000755	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	12.000000	0.003021	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	4.000000	0.001007	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	13.000000	0.003273	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	5.000000	0.001259	PASS
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	11.000000	0.002769	PASS
DC_5A_ n77A-37	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	17.000000	0.004279	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	18.000000	0.004531	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	6.000000	0.001617	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	17.000000	0.004582	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	7.000000	0.001887	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	18.000000	0.004852	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	1.000000	0.000270	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	19.000000	0.005121	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	6.000000	0.001617	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	5.000000	0.001348	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	11.000000	0.002965	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	1.000000	0.000270	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	3.000000	0.000809	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	5.000000	0.001348	PASS
DC_5A_ n77A-37	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	13.000000	0.003504	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	15.000000	0.004042	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	7.000000	0.001887	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	10.000000	0.002695	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	12.000000	0.003234	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	14.000000	0.003774	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	17.000000	0.004427	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	4.000000	0.001042	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	8.000000	0.002083	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	17.000000	0.004427	PASS
DC_5A_ n77A-37	30	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	15.000000	0.003906	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	7.000000	0.001823	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	12.000000	0.003125	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	17.000000	0.004427	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	4.000000	0.001042	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	3.000000	0.000781	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	1.000000	0.000260	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	4.000000	0.001042	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	10.000000	0.002519	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	15.000000	0.003778	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	7.000000	0.001763	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	9.000000	0.002267	PASS
DC_5A_ n77A-37	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	18.000000	0.004534	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	13.000000	0.003275	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	15.000000	0.003778	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	17.000000	0.004282	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	9.000000	0.002267	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	9.000000	0.002267	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	8.000000	0.002014	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	10.000000	0.002519	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	12.000000	0.003023	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	11.000000	0.002771	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	9.000000	0.002267	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	18.000000	0.004534	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	10.000000	0.002519	PASS
DC_5A_ n77A-37 00-3980	30	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	12.000000	0.003023	PASS
DC_5A_ n77A-37	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	5.000000	0.001346	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	7.000000	0.001884	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	9.000000	0.002423	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	5.000000	0.001346	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	4.000000	0.001077	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	6.000000	0.001615	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	8.000000	0.002153	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	11.000000	0.002961	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	14.000000	0.003769	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	13.000000	0.003499	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	19.000000	0.005114	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	3.000000	0.000808	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	3.000000	0.000808	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	5.000000	0.001346	PASS
DC_5A_ n77A-37	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	6.000000	0.001615	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	17.000000	0.004576	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	16.000000	0.004307	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	6.000000	0.001615	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	7.000000	0.001823	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	8.000000	0.002083	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	10.000000	0.002604	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	10.000000	0.002604	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	16.000000	0.004167	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	1.000000	0.000260	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	19.000000	0.004948	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	2.000000	0.000521	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	3.000000	0.000781	PASS
DC_5A_ n77A-37	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	7.000000	0.001823	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	5.000000	0.001302	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	7.000000	0.001823	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	8.000000	0.002083	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	12.000000	0.003125	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	12.000000	0.003125	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	7.000000	0.001765	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	9.000000	0.002270	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	7.000000	0.001765	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	9.000000	0.002270	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	8.000000	0.002017	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	10.000000	0.002522	PASS
DC_5A_ n77A-37	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	2.000000	0.000504	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	11.000000	0.002774	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	2.000000	0.000504	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	19.000000	0.004792	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	18.000000	0.004540	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	1.000000	0.000252	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	4.000000	0.001008	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	3.000000	0.000757	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	6.000000	0.001513	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	9.000000	0.002270	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	8.000000	0.002017	PASS
DC_5A_ n77A-37 00-3980	30	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	10.000000	0.002522	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	13.000000	0.003495	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	15.000000	0.004032	PASS
DC_5A_ n77A-37	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	18.000000	0.004839	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	1.000000	0.000269	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	14.000000	0.003763	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	16.000000	0.004301	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	2.000000	0.000538	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	17.000000	0.004570	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	16.000000	0.004301	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	14.000000	0.003763	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	16.000000	0.004301	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	14.000000	0.003763	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	13.000000	0.003495	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	15.000000	0.004032	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	13.000000	0.003495	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	12.000000	0.003226	PASS
DC_5A_ n77A-37	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	3.000000	0.000806	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	15.000000	0.004032	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	16.000000	0.004167	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	18.000000	0.004688	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	16.000000	0.004167	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	5.000000	0.001302	PASS
DC_5A_ n77A-37	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	16.000000	0.004167	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	8.000000	0.002083	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	1.000000	0.000260	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	10.000000	0.002604	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	10.000000	0.002604	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	17.000000	0.004293	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	16.000000	0.004040	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	15.000000	0.003788	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	2.000000	0.000505	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	4.000000	0.001010	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	6.000000	0.001515	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	11.000000	0.002778	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	11.000000	0.002778	PASS
DC_5A_ n77A-37	30	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	10.000000	0.002525	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	18.000000	0.004545	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	17.000000	0.004293	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	13.000000	0.003283	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	3.000000	0.000758	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	6.000000	0.001515	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	5.000000	0.001263	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	7.000000	0.001768	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	10.000000	0.002525	PASS
DC_5A_ n77A-37 00-3980	30	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	4.000000	0.001010	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-30	5.000000	0.001342	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-20	8.000000	0.002148	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	-10	7.000000	0.001879	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	0	16.000000	0.004295	PASS
DC_5A_ n77A-37	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	10	19.000000	0.005101	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	20	10.000000	0.002685	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	30	17.000000	0.004564	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	40	7.000000	0.001879	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+L	Outer_Full	NV	50	18.000000	0.004832	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-30	7.000000	0.001879	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-20	5.000000	0.001342	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	-10	14.000000	0.003758	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	0	10.000000	0.002685	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	10	13.000000	0.003490	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	20	15.000000	0.004027	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	30	14.000000	0.003758	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	40	17.000000	0.004564	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+L	Outer_Full	NV	50	6.000000	0.001611	PASS
DC_5A_ n77A-37	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-30	8.000000	0.002083	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-20	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	-10	8.000000	0.002083	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	0	6.000000	0.001563	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	10	15.000000	0.003906	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	20	14.000000	0.003646	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	30	12.000000	0.003125	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	40	11.000000	0.002865	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+M	Outer_Full	NV	50	1.000000	0.000260	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-30	7.000000	0.001823	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-20	9.000000	0.002344	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	-10	4.000000	0.001042	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	0	9.000000	0.002344	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	10	12.000000	0.003125	PASS
DC_5A_ n77A-37	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	20	10.000000	0.002604	PASS

00-3980										
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	30	9.000000	0.002344	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	40	19.000000	0.004948	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+M	Outer_Full	NV	50	2.000000	0.000521	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-30	3.000000	0.000759	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-20	2.000000	0.000506	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	-10	4.000000	0.001011	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	0	3.000000	0.000759	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	10	13.000000	0.003287	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	20	12.000000	0.003034	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	30	11.000000	0.002781	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	40	16.000000	0.004046	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-QPSK	M+H	Outer_Full	NV	50	3.000000	0.000759	PASS
DC_5A_ n77A-37 00-3980	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-30	12.000000	0.003034	PASS
DC_5A_ n77A-37	30	5+50	DFT-16QAM	M+H	Outer_Full	NV	-20	14.000000	0.003540	PASS