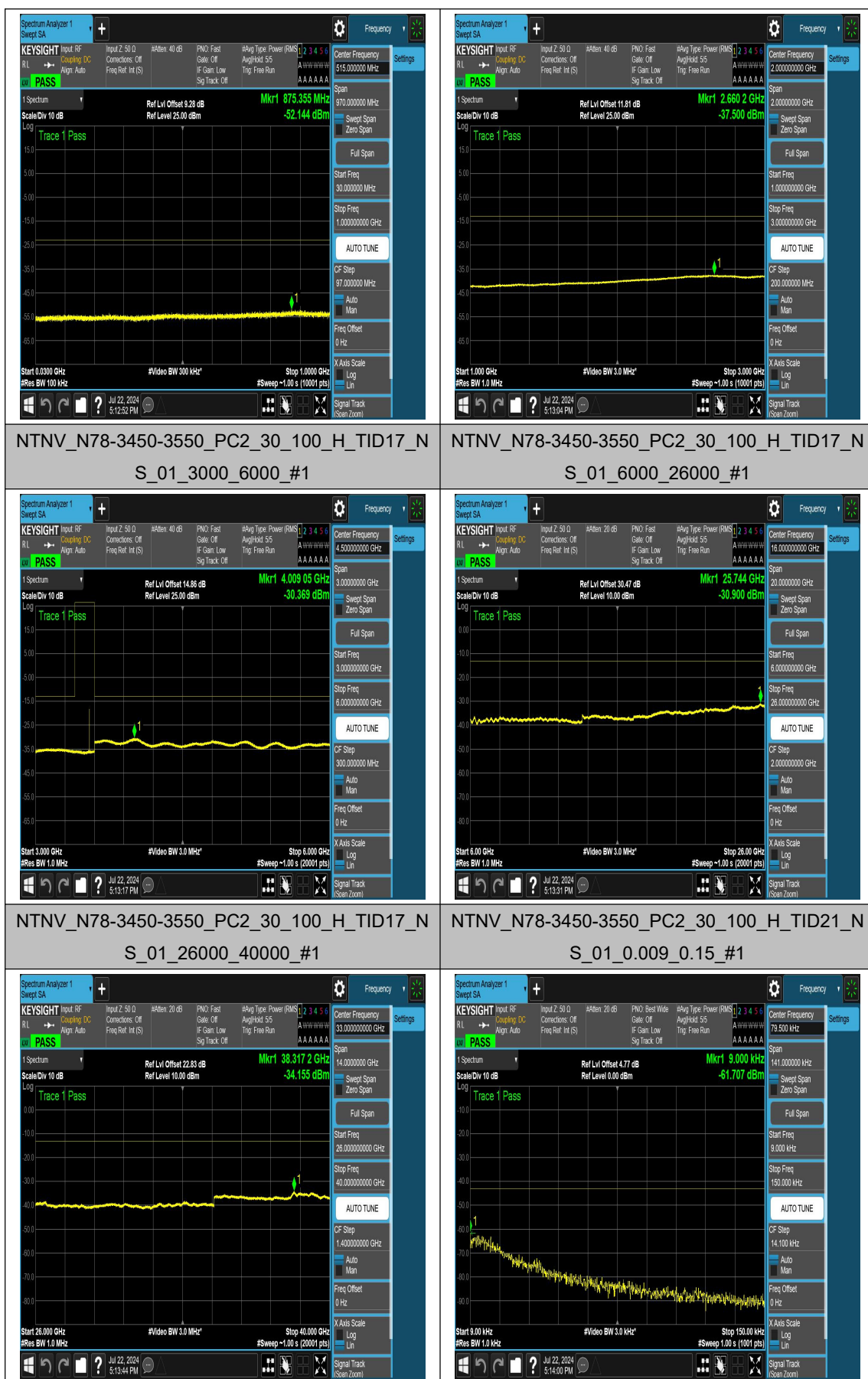
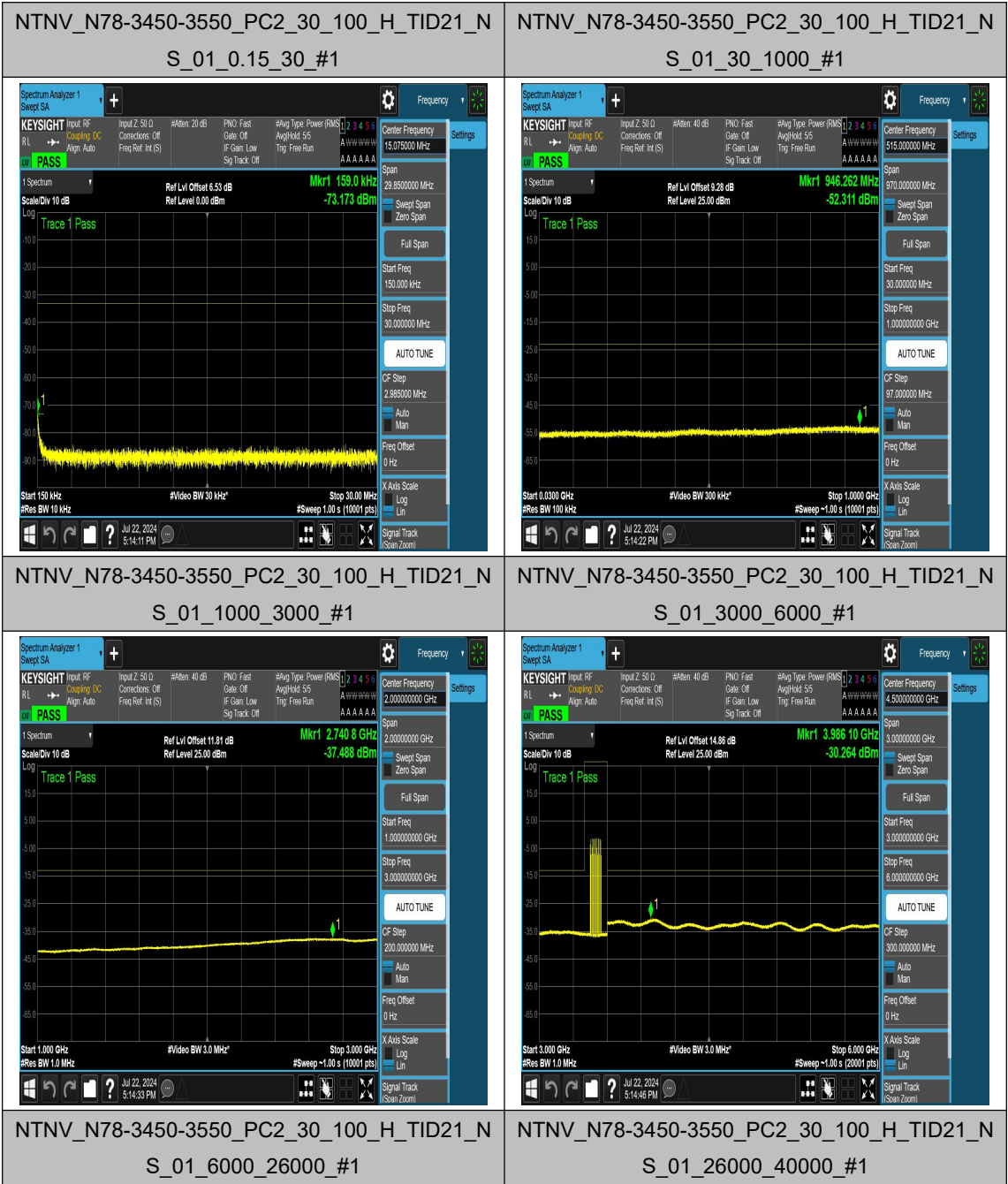
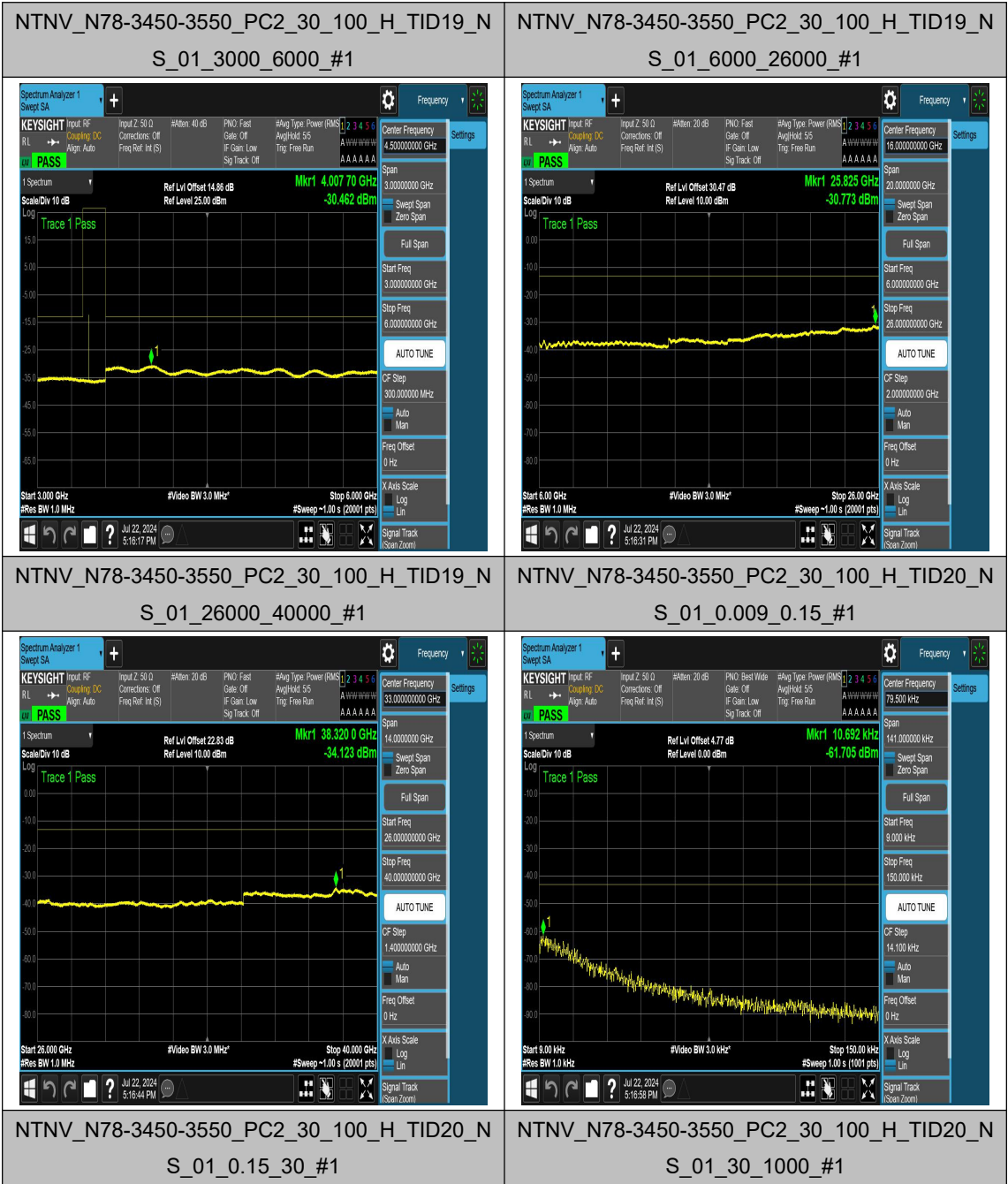
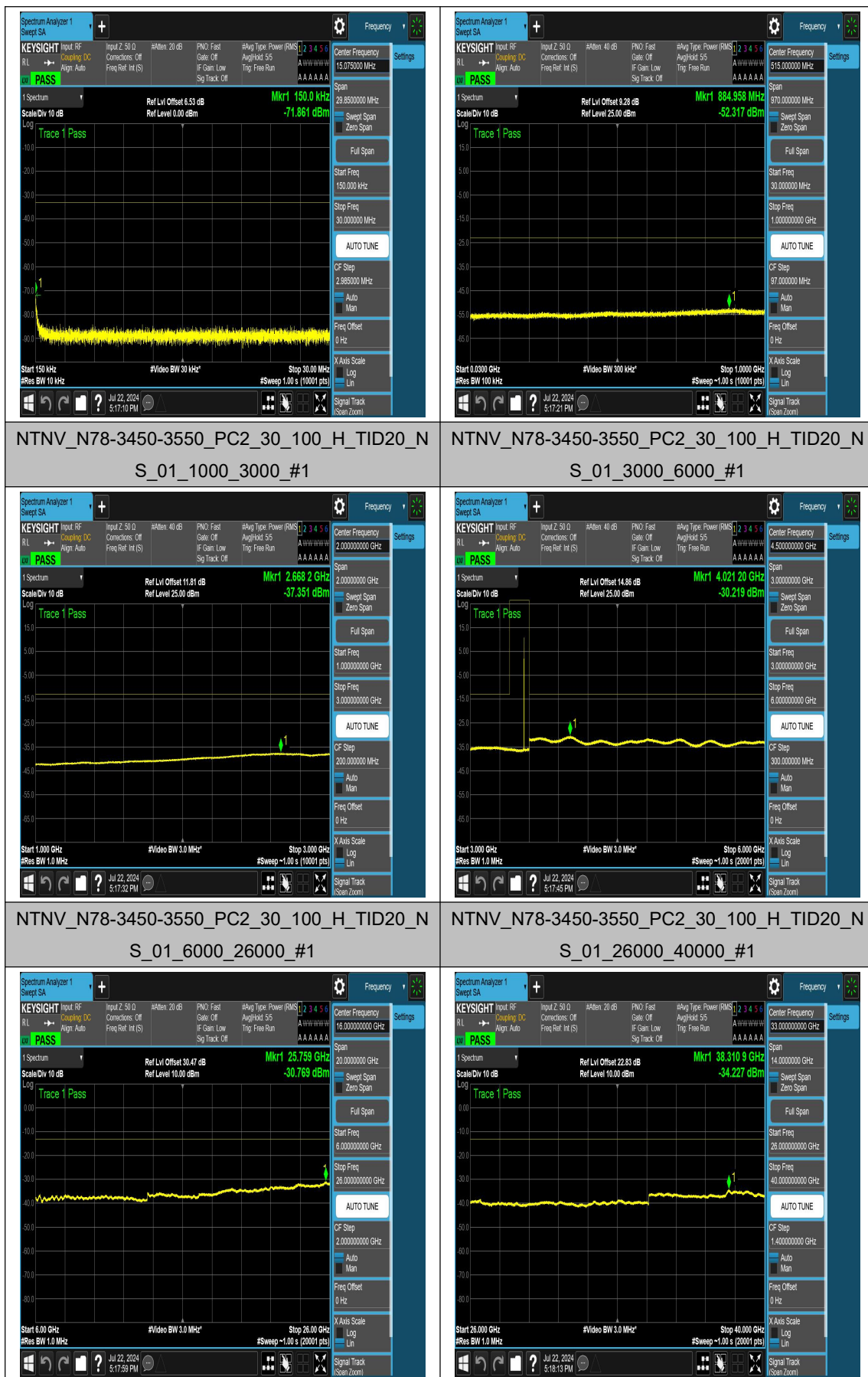












Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	VL	NT	-11.450000	-0.003314	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	VN	NT	-13.590000	-0.003933	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	VH	NT	-8.740000	-0.002530	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	VL	NT	-5.620000	-0.001627	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	VN	NT	-11.750000	-0.003401	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	VH	NT	-5.910000	-0.001711	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	VL	NT	-11.060000	-0.003160	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	VN	NT	-8.860000	-0.002531	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	VH	NT	-15.470000	-0.004420	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	VL	NT	-7.980000	-0.002280	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	VN	NT	-11.390000	-0.003254	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	VH	NT	-6.000000	-0.001714	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	VL	NT	-13.540000	-0.003819	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	VN	NT	-8.610000	-0.002429	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	VH	NT	-14.060000	-0.003966	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	VL	NT	-4.580000	-0.001292	PASS

N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	VN	NT	-8.780000	-0.002477	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	VH	NT	-1.600000	-0.000451	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VL	NT	-15.730000	-0.004550	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VN	NT	-8.760000	-0.002534	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	VH	NT	-12.590000	-0.003641	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VL	NT	-3.660000	-0.001059	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VN	NT	-8.890000	-0.002571	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	VH	NT	-9.700000	-0.002805	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VL	NT	-13.060000	-0.003731	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VN	NT	-14.470000	-0.004134	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	VH	NT	-9.180000	-0.002623	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VL	NT	-4.660000	-0.001331	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VN	NT	-6.800000	-0.001943	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	VH	NT	-10.980000	-0.003137	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VL	NT	-9.160000	-0.002586	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VN	NT	-8.710000	-0.002459	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	VH	NT	-8.660000	-0.002445	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VL	NT	-5.270000	-0.001488	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VN	NT	-10.160000	-0.002868	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	VH	NT	-5.460000	-0.001541	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-13.200000	-0.003815	PASS

N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-8.210000	-0.002373	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-9.220000	-0.002665	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VL	NT	-7.220000	-0.002087	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VN	NT	-9.450000	-0.002731	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	VH	NT	-10.800000	-0.003121	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-7.550000	-0.002157	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-9.590000	-0.002740	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-2.060000	-0.000589	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VL	NT	-11.620000	-0.003320	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VN	NT	-4.540000	-0.001297	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	VH	NT	-13.480000	-0.003851	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-7.910000	-0.002234	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-10.870000	-0.003071	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-12.440000	-0.003514	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VL	NT	-9.570000	-0.002703	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VN	NT	-8.150000	-0.002302	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	VH	NT	-2.480000	-0.000701	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VL	NT	-8.750000	-0.002522	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-11.700000	-0.003372	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VH	NT	-10.230000	-0.002948	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VL	NT	-9.330000	-0.002689	PASS

N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VN	NT	-5.650000	-0.001628	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	VH	NT	-10.000000	-0.002882	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-12.220000	-0.003491	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-13.200000	-0.003771	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-7.260000	-0.002074	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VL	NT	-8.870000	-0.002534	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VN	NT	-14.630000	-0.004180	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	VH	NT	-8.080000	-0.002309	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VL	NT	-3.750000	-0.001062	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-9.840000	-0.002788	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VH	NT	-11.090000	-0.003142	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VL	NT	-8.850000	-0.002507	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VN	NT	-6.870000	-0.001946	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	VH	NT	-7.330000	-0.002076	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VL	NT	-14.960000	-0.004305	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-14.960000	-0.004305	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VH	NT	-6.600000	-0.001899	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VL	NT	-4.270000	-0.001229	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VN	NT	-10.340000	-0.002976	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	VH	NT	-11.010000	-0.003168	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-11.580000	-0.003309	PASS

N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-4.530000	-0.001294	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-9.110000	-0.002603	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VL	NT	-8.279999	-0.002366	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VN	NT	-9.420000	-0.002691	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	VH	NT	-9.180000	-0.002623	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-13.850000	-0.003929	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-8.790000	-0.002494	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-7.620000	-0.002162	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VL	NT	-4.980000	-0.001413	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VN	NT	-9.260000	-0.002627	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	VH	NT	-7.210000	-0.002045	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-12.330000	-0.003543	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-7.440000	-0.002138	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-7.400000	-0.002126	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VL	NT	-10.600000	-0.003046	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VN	NT	-10.340000	-0.002971	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	VH	NT	-13.030000	-0.003744	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-12.130000	-0.003466	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-9.050000	-0.002586	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-12.770000	-0.003649	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VL	NT	-8.790000	-0.002511	PASS

N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VN	NT	-5.150000	-0.001471	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	VH	NT	-12.470000	-0.003563	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-8.870000	-0.002520	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-6.750000	-0.001918	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-13.930000	-0.003956	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VL	NT	-4.930000	-0.001401	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VN	NT	-11.160000	-0.003170	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	VH	NT	-9.080000	-0.002580	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VL	NT	-9.260000	-0.002657	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VN	NT	-12.150000	-0.003486	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VH	NT	-12.210000	-0.003504	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VL	NT	-12.850000	-0.003687	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VN	NT	-9.400000	-0.002697	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	VH	NT	-6.030000	-0.001730	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-11.050000	-0.003157	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-12.080000	-0.003451	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-13.030000	-0.003723	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VL	NT	-10.710000	-0.003060	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VN	NT	-7.720000	-0.002206	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	VH	NT	-8.930000	-0.002551	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VL	NT	-11.370000	-0.003235	PASS

N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VN	NT	-9.490000	-0.002700	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VH	NT	-10.810000	-0.003075	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VL	NT	-6.880000	-0.001957	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VN	NT	-6.760000	-0.001923	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	VH	NT	-9.330000	-0.002654	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-13.920000	-0.003989	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-6.630000	-0.001900	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-9.620000	-0.002756	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VL	NT	-13.200000	-0.003782	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VN	NT	-6.120000	-0.001754	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	VH	NT	-6.890000	-0.001974	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-11.500000	-0.003286	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-11.520000	-0.003291	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-8.480000	-0.002423	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VL	NT	-8.020000	-0.002291	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VN	NT	-11.610000	-0.003317	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	VH	NT	-10.480000	-0.002994	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-15.650000	-0.004459	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-12.400000	-0.003533	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-9.520000	-0.002712	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VL	NT	-6.250000	-0.001781	PASS

N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VN	NT	-3.860000	-0.001100	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	VH	NT	-10.680000	-0.003043	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-11.070000	-0.003167	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-13.090000	-0.003745	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-14.010000	-0.004009	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VL	NT	-8.740000	-0.002501	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VN	NT	-4.820000	-0.001379	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	VH	NT	-8.359999	-0.002392	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-9.810000	-0.002803	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-11.650000	-0.003329	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-10.610000	-0.003031	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VL	NT	-9.140000	-0.002611	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VN	NT	-6.500000	-0.001857	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	VH	NT	-11.670000	-0.003334	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-11.540000	-0.003292	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-6.970000	-0.001988	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-13.920000	-0.003970	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VL	NT	-10.490000	-0.002993	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VN	NT	-8.039999	-0.002294	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	VH	NT	-14.350000	-0.004094	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-13.560000	-0.003874	PASS

N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-8.480000	-0.002423	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-10.270000	-0.002934	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VL	NT	-5.350000	-0.001529	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VN	NT	-13.050000	-0.003729	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	VH	NT	-6.660000	-0.001903	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-16.059999	-0.004589	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-12.530000	-0.003580	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-10.810000	-0.003089	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VL	NT	-8.330000	-0.002380	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VN	NT	-6.730000	-0.001923	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	VH	NT	-5.000000	-0.001429	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VL	NT	-14.350000	-0.004100	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-6.710000	-0.001917	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VH	NT	-11.480000	-0.003280	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VL	NT	-7.490000	-0.002140	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VN	NT	-9.890000	-0.002826	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	VH	NT	-5.520000	-0.001577	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation(ppm)	Verdict
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-30	-16.110000	-0.004663	PASS
N78-345	30	10	DFT-QPSK	L	Outer_Full	NV	-20	-11.040000	-0.003195	PASS

Waltek Testing Group (Shenzhen) Co., Ltd.

<http://www.waltek.com.cn>

0-3550										
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	-10	-10.610000	-0.003071	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	0	-10.140000	-0.002935	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	10	-6.610000	-0.001913	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	20	-15.330000	-0.004437	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	30	-9.890000	-0.002863	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	40	-9.660000	-0.002796	PASS
N78-345 0-3550	30	10	DFT-QPSK	L	Outer_Full	NV	50	-13.530000	-0.003916	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-30	-10.110000	-0.002926	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-20	-14.580000	-0.004220	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	-10	-10.140000	-0.002935	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	0	-11.220000	-0.003247	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	10	-11.700000	-0.003386	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	20	-9.670000	-0.002799	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	30	-10.350000	-0.002996	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	40	-9.490000	-0.002747	PASS
N78-345 0-3550	30	10	DFT-16QAM	L	Outer_Full	NV	50	-8.450000	-0.002446	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-30	-11.120000	-0.003177	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-20	-10.950000	-0.003129	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	-10	-8.780000	-0.002509	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	0	-3.750000	-0.001071	PASS
N78-345	30	10	DFT-QPSK	M	Outer_Full	NV	10	-11.980000	-0.003423	PASS

0-3550										
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	20	-13.200000	-0.003771	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	30	-13.360000	-0.003817	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	40	-12.850000	-0.003671	PASS
N78-345 0-3550	30	10	DFT-QPSK	M	Outer_Full	NV	50	-7.460000	-0.002131	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-30	-12.150000	-0.003471	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-20	-5.800000	-0.001657	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	-10	-11.250000	-0.003214	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	0	-9.520000	-0.002720	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	10	-7.530000	-0.002151	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	20	-9.950000	-0.002843	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	30	-7.030000	-0.002009	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	40	-12.780000	-0.003651	PASS
N78-345 0-3550	30	10	DFT-16QAM	M	Outer_Full	NV	50	-11.770000	-0.003363	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-30	-9.090000	-0.002564	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-20	-8.100000	-0.002285	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	-10	-10.460000	-0.002951	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	0	-10.870000	-0.003066	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	10	-5.670000	-0.001599	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	20	-13.400000	-0.003780	PASS
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	30	-10.050000	-0.002835	PASS
N78-345	30	10	DFT-QPSK	H	Outer_Full	NV	40	-8.750000	-0.002468	PASS

0-3550										
N78-345 0-3550	30	10	DFT-QPSK	H	Outer_Full	NV	50	-6.220000	-0.001755	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-30	-8.790000	-0.002480	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-20	-9.970000	-0.002812	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	-10	-7.850000	-0.002214	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	0	-9.630000	-0.002716	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	10	-9.140000	-0.002578	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	20	-11.570000	-0.003264	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	30	-7.330000	-0.002068	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	40	-6.130000	-0.001729	PASS
N78-345 0-3550	30	10	DFT-16QAM	H	Outer_Full	NV	50	-8.620000	-0.002432	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-30	-4.750000	-0.001374	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-20	-14.040000	-0.004061	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	-10	-7.350000	-0.002126	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	0	-8.660000	-0.002505	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	10	-13.360000	-0.003864	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	20	-7.760000	-0.002244	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	30	-10.850000	-0.003138	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	40	-7.010000	-0.002027	PASS
N78-345 0-3550	30	15	DFT-QPSK	L	Outer_Full	NV	50	-7.250000	-0.002097	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	-30	-7.950000	-0.002299	PASS
N78-345	30	15	DFT-16QAM	L	Outer_Full	NV	-20	-5.580000	-0.001614	PASS

0-3550										
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	-10	-8.490000	-0.002456	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	0	-11.310000	-0.003271	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	10	-9.100000	-0.002632	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	20	-1.600000	-0.000463	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	30	-7.590000	-0.002195	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	40	-7.770000	-0.002247	PASS
N78-345 0-3550	30	15	DFT-16QAM	L	Outer_Full	NV	50	-5.850000	-0.001692	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-30	-14.630000	-0.004180	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-20	-12.730000	-0.003637	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	-10	-7.810000	-0.002231	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	0	-11.740000	-0.003354	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	10	-13.540000	-0.003869	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	20	-11.730000	-0.003351	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	30	-5.820000	-0.001663	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	40	-9.200000	-0.002629	PASS
N78-345 0-3550	30	15	DFT-QPSK	M	Outer_Full	NV	50	-9.230000	-0.002637	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-30	-2.150000	-0.000614	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-20	-10.760000	-0.003074	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	-10	-6.530000	-0.001866	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	0	-7.540000	-0.002154	PASS
N78-345	30	15	DFT-16QAM	M	Outer_Full	NV	10	-6.760000	-0.001931	PASS

0-3550										
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	20	-9.740000	-0.002783	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	30	-10.090000	-0.002883	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	40	-14.100000	-0.004028	PASS
N78-345 0-3550	30	15	DFT-16QAM	M	Outer_Full	NV	50	-7.780000	-0.002223	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-30	-11.610000	-0.003277	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-20	-9.200000	-0.002597	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	-10	-12.780000	-0.003608	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	0	-5.740000	-0.001620	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	10	-10.570000	-0.002984	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	20	-7.090000	-0.002001	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	30	-12.040000	-0.003399	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	40	-8.660000	-0.002445	PASS
N78-345 0-3550	30	15	DFT-QPSK	H	Outer_Full	NV	50	-9.410000	-0.002656	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-30	-9.020000	-0.002546	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-20	-8.289999	-0.002340	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	-10	-12.070000	-0.003407	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	0	-7.450000	-0.002103	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	10	-8.039999	-0.002270	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	20	-10.490000	-0.002961	PASS
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	30	-7.150000	-0.002017	PASS
N78-345	30	15	DFT-16QAM	H	Outer_Full	NV	40	-4.500000	-0.001270	PASS

0-3550										
N78-345 0-3550	30	15	DFT-16QAM	H	Outer_Full	NV	50	-10.980000	-0.003100	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-30	-12.200000	-0.003526	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-20	-8.510000	-0.002460	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-10	-6.450000	-0.001864	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	0	-8.010000	-0.002315	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	10	-6.510000	-0.001882	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	20	-7.530000	-0.002176	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	30	-11.930000	-0.003448	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	40	-6.650000	-0.001922	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	50	-14.610000	-0.004223	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-30	-8.100000	-0.002341	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-20	-7.260000	-0.002098	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	-10	-9.100000	-0.002630	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	0	-12.580000	-0.003636	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	10	-2.089999	-0.000604	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	20	-5.080000	-0.001468	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	30	-9.750000	-0.002818	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	40	-10.240000	-0.002960	PASS
N78-345 0-3550	30	20	DFT-16QAM	L	Outer_Full	NV	50	-8.980000	-0.002595	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-4.160000	-0.001189	PASS
N78-345	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-6.620000	-0.001891	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-9.580000	-0.002737	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	0	-6.640000	-0.001897	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	10	-11.170000	-0.003191	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	20	-8.830000	-0.002523	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	30	-13.840000	-0.003954	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	40	-8.130000	-0.002323	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	50	-6.290000	-0.001797	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-30	-9.470000	-0.002706	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-20	-6.880000	-0.001965	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	-10	-8.580000	-0.002451	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	0	-6.080000	-0.001737	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	10	-9.030000	-0.002580	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	20	-12.530000	-0.003580	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	30	-6.110000	-0.001746	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	40	-9.420000	-0.002691	PASS
N78-345 0-3550	30	20	DFT-16QAM	M	Outer_Full	NV	50	-10.070000	-0.002877	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-5.890000	-0.001664	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-6.700000	-0.001893	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-2.250000	-0.000636	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	0	-9.070000	-0.002562	PASS
N78-345	30	20	DFT-QPSK	H	Outer_Full	NV	10	-11.130000	-0.003144	PASS

0-3550										
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	20	-6.370000	-0.001799	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	30	-9.140000	-0.002582	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	40	-5.990000	-0.001692	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	50	-5.000000	-0.001412	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-30	-5.040000	-0.001424	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-20	-5.160000	-0.001458	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	-10	-7.340000	-0.002073	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	0	-3.430000	-0.000969	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	10	-6.020000	-0.001701	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	20	-5.390000	-0.001523	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	30	-10.370000	-0.002929	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	40	-9.090000	-0.002568	PASS
N78-345 0-3550	30	20	DFT-16QAM	H	Outer_Full	NV	50	-8.680000	-0.002452	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-9.560000	-0.002755	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-8.980000	-0.002588	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-4.750000	-0.001369	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	0	-11.460000	-0.003303	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	10	-10.480000	-0.003020	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	20	-10.040000	-0.002893	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	30	-7.780000	-0.002242	PASS
N78-345	30	40	DFT-QPSK	L	Outer_Full	NV	40	-7.820000	-0.002254	PASS

0-3550										
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	50	-11.830000	-0.003409	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-30	-12.310000	-0.003548	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-20	-8.279999	-0.002386	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	-10	-8.730000	-0.002516	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	0	-7.060000	-0.002035	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	10	-8.250000	-0.002378	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	20	-13.150000	-0.003790	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	30	-7.080000	-0.002040	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	40	-9.920000	-0.002859	PASS
N78-345 0-3550	30	40	DFT-16QAM	L	Outer_Full	NV	50	-8.130000	-0.002343	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-12.930000	-0.003694	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-10.600000	-0.003029	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-8.720000	-0.002491	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	0	-13.100000	-0.003743	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	10	-8.650000	-0.002471	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	20	-10.400000	-0.002971	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	30	-10.150000	-0.002900	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	40	-10.220000	-0.002920	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	50	-7.860000	-0.002246	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-30	-5.780000	-0.001651	PASS
N78-345	30	40	DFT-16QAM	M	Outer_Full	NV	-20	-11.070000	-0.003163	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	-10	-8.500000	-0.002429	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	0	-7.580000	-0.002166	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	10	-12.910000	-0.003689	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	20	-8.480000	-0.002423	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	30	-11.110000	-0.003174	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	40	-12.560000	-0.003589	PASS
N78-345 0-3550	30	40	DFT-16QAM	M	Outer_Full	NV	50	-3.810000	-0.001089	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-30	-7.250000	-0.002054	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-20	-8.000000	-0.002266	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-10	-11.930000	-0.003380	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	0	-12.790000	-0.003623	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	10	-8.990000	-0.002547	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	20	-5.090000	-0.001442	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	30	-8.180000	-0.002317	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	40	-10.000000	-0.002833	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	50	-12.580000	-0.003564	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-30	-8.199999	-0.002323	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-20	-6.260000	-0.001773	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	-10	-6.750000	-0.001912	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	0	-4.570000	-0.001295	PASS
N78-345	30	40	DFT-16QAM	H	Outer_Full	NV	10	-9.890000	-0.002802	PASS

0-3550										
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	20	-8.140000	-0.002306	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	30	-6.350000	-0.001799	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	40	-6.190000	-0.001754	PASS
N78-345 0-3550	30	40	DFT-16QAM	H	Outer_Full	NV	50	-13.270000	-0.003759	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-7.090000	-0.002040	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-10.290000	-0.002961	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-10	-10.000000	-0.002878	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	0	-11.870000	-0.003416	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	10	-8.570000	-0.002466	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	20	-9.020000	-0.002596	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	30	-8.020000	-0.002308	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	40	-9.090000	-0.002616	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	50	-8.430000	-0.002426	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-30	-5.710000	-0.001643	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-20	-10.620000	-0.003056	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	-10	-10.590000	-0.003047	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	0	-7.710000	-0.002219	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	10	-5.870000	-0.001689	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	20	-12.120000	-0.003488	PASS
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	30	-3.270000	-0.000941	PASS
N78-345	30	50	DFT-16QAM	L	Outer_Full	NV	40	-8.420000	-0.002423	PASS

0-3550										
N78-345 0-3550	30	50	DFT-16QAM	L	Outer_Full	NV	50	-11.080000	-0.003188	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-12.460000	-0.003560	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-9.700000	-0.002771	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-6.800000	-0.001943	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	0	-4.390000	-0.001254	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	10	-15.090000	-0.004311	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	20	-6.450000	-0.001843	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	30	-9.950000	-0.002843	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	40	-11.400000	-0.003257	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	50	-14.010000	-0.004002	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-30	-8.630000	-0.002466	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-20	-7.100000	-0.002029	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	-10	-9.020000	-0.002577	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	0	-11.610000	-0.003317	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	10	-8.500000	-0.002429	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	20	-8.369999	-0.002391	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	30	-6.560000	-0.001874	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	40	-9.580000	-0.002737	PASS
N78-345 0-3550	30	50	DFT-16QAM	M	Outer_Full	NV	50	-9.370000	-0.002677	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-10.350000	-0.002936	PASS
N78-345	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-5.090000	-0.001444	PASS

0-3550										
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-11.600000	-0.003291	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	0	-12.610000	-0.003577	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	10	-6.290000	-0.001784	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	20	-9.490000	-0.002692	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	30	-8.330000	-0.002363	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	40	-8.630000	-0.002448	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	50	-11.000000	-0.003121	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-30	-8.810000	-0.002499	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-20	-4.910000	-0.001393	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	-10	-7.570000	-0.002148	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	0	-13.470000	-0.003821	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	10	-3.940000	-0.001118	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	20	-3.160000	-0.000896	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	30	-10.950000	-0.003106	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	40	-5.250000	-0.001489	PASS
N78-345 0-3550	30	50	DFT-16QAM	H	Outer_Full	NV	50	-10.080000	-0.002860	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-30	-11.140000	-0.003201	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-7.250000	-0.002083	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-8.560000	-0.002460	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	0	-6.320000	-0.001816	PASS
N78-345	30	60	DFT-QPSK	L	Outer_Full	NV	10	-9.560000	-0.002747	PASS

0-3550										
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	20	-9.270000	-0.002664	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	30	-14.080000	-0.004046	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	40	-13.350000	-0.003836	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	50	-8.250000	-0.002371	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-30	-7.160000	-0.002057	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-20	-7.840000	-0.002253	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	-10	-6.580000	-0.001891	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	0	-8.640000	-0.002483	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	10	-7.360000	-0.002115	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	20	-11.680000	-0.003356	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	30	-7.740000	-0.002224	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	40	-9.170000	-0.002635	PASS
N78-345 0-3550	30	60	DFT-16QAM	L	Outer_Full	NV	50	-9.670000	-0.002779	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-10.530000	-0.003009	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-11.080000	-0.003166	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-9.220000	-0.002634	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	0	-9.940000	-0.002840	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	10	-10.080000	-0.002880	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	20	-9.630000	-0.002751	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	30	-10.730000	-0.003066	PASS
N78-345	30	60	DFT-QPSK	M	Outer_Full	NV	40	-7.250000	-0.002071	PASS

0-3550										
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	50	-9.390000	-0.002683	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-30	-10.990000	-0.003140	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-20	-7.960000	-0.002274	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	-10	-8.690000	-0.002483	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	0	-13.870000	-0.003963	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	10	-8.970000	-0.002563	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	20	-10.260000	-0.002931	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	30	-7.600000	-0.002171	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	40	-10.270000	-0.002934	PASS
N78-345 0-3550	30	60	DFT-16QAM	M	Outer_Full	NV	50	-6.820000	-0.001949	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-8.000000	-0.002273	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-20	-9.650000	-0.002741	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-7.840000	-0.002227	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	0	-6.030000	-0.001713	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	10	-2.720000	-0.000773	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	20	-6.310000	-0.001793	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	30	-8.850000	-0.002514	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	40	-11.710000	-0.003327	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	50	-10.200000	-0.002898	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-30	-7.960000	-0.002261	PASS
N78-345	30	60	DFT-16QAM	H	Outer_Full	NV	-20	-8.010000	-0.002276	PASS

0-3550										
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	-10	-6.790000	-0.001929	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	0	-4.940000	-0.001403	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	10	-16.170000	-0.004594	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	20	-6.700000	-0.001903	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	30	-12.400000	-0.003523	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	40	-9.070000	-0.002577	PASS
N78-345 0-3550	30	60	DFT-16QAM	H	Outer_Full	NV	50	-12.000000	-0.003409	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-30	-9.050000	-0.002597	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-20	-7.470000	-0.002143	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-10	-11.340000	-0.003254	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	0	-6.320000	-0.001813	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	10	-10.960000	-0.003145	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	20	-10.100000	-0.002898	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	30	-12.570000	-0.003607	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	40	-9.890000	-0.002838	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	50	-8.300000	-0.002382	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-30	-10.760000	-0.003088	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-20	-8.840000	-0.002537	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	-10	-10.490000	-0.003010	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	0	-13.960000	-0.004006	PASS
N78-345	30	70	DFT-16QAM	L	Outer_Full	NV	10	-8.050000	-0.002310	PASS

0-3550										
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	20	-12.600000	-0.003615	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	30	-8.039999	-0.002307	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	40	-9.990000	-0.002867	PASS
N78-345 0-3550	30	70	DFT-16QAM	L	Outer_Full	NV	50	-8.720000	-0.002502	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-10.090000	-0.002883	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-4.970000	-0.001420	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-5.730000	-0.001637	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	0	-13.010000	-0.003717	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	10	-9.780000	-0.002794	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	20	-8.850000	-0.002529	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	30	-8.080000	-0.002309	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	40	-10.260000	-0.002931	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	50	-13.080000	-0.003737	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-30	-5.090000	-0.001454	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-20	-10.740000	-0.003069	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	-10	-11.600000	-0.003314	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	0	-9.360000	-0.002674	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	10	-11.810000	-0.003374	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	20	-8.600000	-0.002457	PASS
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	30	-7.950000	-0.002271	PASS
N78-345	30	70	DFT-16QAM	M	Outer_Full	NV	40	-7.880000	-0.002251	PASS

0-3550										
N78-345 0-3550	30	70	DFT-16QAM	M	Outer_Full	NV	50	-12.860000	-0.003674	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-30	-10.780000	-0.003067	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-20	-13.010000	-0.003701	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-10	-9.640000	-0.002743	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	0	-13.170000	-0.003747	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	10	-13.600000	-0.003869	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	20	-14.380000	-0.004091	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	30	-10.710000	-0.003047	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	40	-8.250000	-0.002347	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	50	-11.230000	-0.003195	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-30	-9.110000	-0.002592	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-20	-12.070000	-0.003434	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	-10	-10.070000	-0.002865	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	0	-12.150000	-0.003457	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	10	-10.330000	-0.002939	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	20	-11.030000	-0.003138	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	30	-2.870000	-0.000816	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	40	-7.080000	-0.002014	PASS
N78-345 0-3550	30	70	DFT-16QAM	H	Outer_Full	NV	50	-15.080000	-0.004290	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-12.660000	-0.003628	PASS
N78-345	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-14.270000	-0.004088	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-12.440000	-0.003564	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	0	-3.530000	-0.001011	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	10	-8.820000	-0.002527	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	20	-5.740000	-0.001645	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	30	-11.400000	-0.003266	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	40	-4.550000	-0.001304	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	50	-6.840000	-0.001960	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-30	-10.940000	-0.003135	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-20	-7.640000	-0.002189	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	-10	-8.390000	-0.002404	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	0	-5.770000	-0.001653	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	10	-7.120000	-0.002040	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	20	-7.840000	-0.002246	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	30	-7.770000	-0.002226	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	40	-7.250000	-0.002077	PASS
N78-345 0-3550	30	80	DFT-16QAM	L	Outer_Full	NV	50	-8.940000	-0.002562	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-8.610000	-0.002460	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-10.210000	-0.002917	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-4.890000	-0.001397	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	0	-7.690000	-0.002197	PASS
N78-345	30	80	DFT-QPSK	M	Outer_Full	NV	10	-8.450000	-0.002414	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	20	-9.070000	-0.002591	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	30	-9.220000	-0.002634	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	40	-7.900000	-0.002257	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	50	-9.730000	-0.002780	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-30	-9.320000	-0.002663	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-20	-9.480000	-0.002709	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	-10	-7.050000	-0.002014	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	0	-7.390000	-0.002111	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	10	-10.770000	-0.003077	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	20	-3.210000	-0.000917	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	30	-7.090000	-0.002026	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	40	-8.600000	-0.002457	PASS
N78-345 0-3550	30	80	DFT-16QAM	M	Outer_Full	NV	50	-5.630000	-0.001609	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-9.830000	-0.002801	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-20	-10.830000	-0.003085	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-9.510000	-0.002709	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	0	-7.750000	-0.002208	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	10	-9.800000	-0.002792	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	20	-8.020000	-0.002285	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	30	-9.440000	-0.002689	PASS
N78-345	30	80	DFT-QPSK	H	Outer_Full	NV	40	-6.870000	-0.001957	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	50	-9.540000	-0.002718	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-30	-8.930000	-0.002544	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-20	-7.750000	-0.002208	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	-10	-7.930000	-0.002259	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	0	-7.590000	-0.002162	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	10	-12.940000	-0.003687	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	20	-11.390000	-0.003245	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	30	-7.130000	-0.002030	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	40	-6.460000	-0.001840	PASS
N78-345 0-3550	30	80	DFT-16QAM	H	Outer_Full	NV	50	-8.420000	-0.002399	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-30	-9.560000	-0.002735	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-20	-5.250000	-0.001502	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-10	-8.080000	-0.002312	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	0	-6.450000	-0.001845	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	10	-12.300000	-0.003519	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	20	-7.230000	-0.002069	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	30	-12.480000	-0.003571	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	40	-10.160000	-0.002907	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	50	-8.060000	-0.002306	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-30	-11.310000	-0.003236	PASS
N78-345	30	90	DFT-16QAM	L	Outer_Full	NV	-20	-7.110000	-0.002033	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	-10	-2.720000	-0.000778	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	0	-4.210000	-0.001205	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	10	-7.480000	-0.002140	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	20	-6.310000	-0.001805	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	30	-10.160000	-0.002907	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	40	-9.300000	-0.002661	PASS
N78-345 0-3550	30	90	DFT-16QAM	L	Outer_Full	NV	50	-10.690000	-0.003059	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-9.090000	-0.002597	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-10.850000	-0.003100	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-7.330000	-0.002094	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	0	-9.330000	-0.002666	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	10	-10.530000	-0.003009	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	20	-12.870000	-0.003677	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	30	-5.470000	-0.001563	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	40	-8.910000	-0.002546	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	50	-11.100000	-0.003171	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-30	-8.720000	-0.002491	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-20	-7.020000	-0.002006	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	-10	-6.990000	-0.001997	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	0	-10.610000	-0.003031	PASS
N78-345	30	90	DFT-16QAM	M	Outer_Full	NV	10	-5.020000	-0.001434	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	20	-8.490000	-0.002426	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	30	-6.250000	-0.001786	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	40	-10.230000	-0.002923	PASS
N78-345 0-3550	30	90	DFT-16QAM	M	Outer_Full	NV	50	-10.410000	-0.002974	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-30	-6.890000	-0.001965	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-12.560000	-0.003583	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-9.380000	-0.002676	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	0	-13.040000	-0.003720	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	10	-5.530000	-0.001578	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	20	-5.770000	-0.001646	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	30	-11.280000	-0.003218	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	40	-8.050000	-0.002297	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	50	-9.860000	-0.002813	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-30	-11.240000	-0.003207	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-20	-6.920000	-0.001974	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	-10	-12.170000	-0.003472	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	0	-11.850000	-0.003381	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	10	-8.950000	-0.002554	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	20	-6.930000	-0.001977	PASS
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	30	-5.050000	-0.001441	PASS
N78-345	30	90	DFT-16QAM	H	Outer_Full	NV	40	-7.870000	-0.002245	PASS

0-3550										
N78-345 0-3550	30	90	DFT-16QAM	H	Outer_Full	NV	50	-13.920000	-0.003970	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-30	-8.900000	-0.002543	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-20	-8.590000	-0.002454	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	-10	-9.500000	-0.002714	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	0	-9.150000	-0.002614	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	10	-6.470000	-0.001849	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	20	-8.530000	-0.002437	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	30	-8.800000	-0.002514	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	40	-11.450000	-0.003271	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	NV	50	-8.560000	-0.002446	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-30	-9.400000	-0.002686	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-20	-13.470000	-0.003849	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	-10	-10.880000	-0.003109	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	0	-8.730000	-0.002494	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	10	-8.830000	-0.002523	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	20	-6.470000	-0.001849	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	30	-8.170000	-0.002334	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	40	-8.600000	-0.002457	PASS
N78-345 0-3550	30	100	DFT-16QAM	L	Outer_Full	NV	50	-8.770000	-0.002506	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-11.590000	-0.003311	PASS
N78-345	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-11.610000	-0.003317	PASS

0-3550										
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-9.550000	-0.002729	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	-8.199999	-0.002343	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	-11.010000	-0.003146	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	-7.620000	-0.002177	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	-12.140000	-0.003469	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-7.620000	-0.002177	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	-13.160000	-0.003760	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-30	-6.130000	-0.001751	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-20	-6.830000	-0.001951	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	-10	-7.670000	-0.002191	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	0	-9.740000	-0.002783	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	10	-9.430000	-0.002694	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	20	-12.150000	-0.003471	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	30	-12.600000	-0.003600	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	40	-6.440000	-0.001840	PASS
N78-345 0-3550	30	100	DFT-16QAM	M	Outer_Full	NV	50	-10.790000	-0.003083	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-30	-7.960000	-0.002274	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-20	-8.090000	-0.002311	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	-10	-9.060000	-0.002589	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	0	-4.700000	-0.001343	PASS
N78-345	30	100	DFT-QPSK	H	Outer_Full	NV	10	-8.420000	-0.002406	PASS

0-3550										
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	20	-10.010000	-0.002860	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	30	-10.100000	-0.002886	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	40	-7.990000	-0.002283	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	NV	50	-9.810000	-0.002803	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-30	-8.520000	-0.002434	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-20	-9.150000	-0.002614	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	-10	-7.420000	-0.002120	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	0	-9.030000	-0.002580	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	10	-8.070000	-0.002306	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	20	-6.190000	-0.001769	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	30	-10.100000	-0.002886	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	40	-6.290000	-0.001797	PASS
N78-345 0-3550	30	100	DFT-16QAM	H	Outer_Full	NV	50	-4.630000	-0.001323	PASS