



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
N41	30	20	DFT-QPSK	L	Outer_Full	VL	NT	12.000000	0.004788	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	VN	NT	6.000000	0.002394	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	VH	NT	18.000000	0.007183	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VL	NT	17.000000	0.006784	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VN	NT	5.000000	0.001994	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	VH	NT	5.000000	0.001994	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VL	NT	10.000000	0.003857	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VN	NT	9.000000	0.003471	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	VH	NT	5.000000	0.001928	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VL	NT	5.000000	0.001928	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VN	NT	12.000000	0.004628	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	VH	NT	14.000000	0.005399	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VL	NT	18.000000	0.006716	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VN	NT	13.000000	0.004851	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	VH	NT	15.000000	0.005597	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VL	NT	8.000000	0.002985	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VN	NT	15.000000	0.005597	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	VH	NT	17.000000	0.006343	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VL	NT	10.000000	0.003982	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VN	NT	4.000000	0.001593	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	VH	NT	3.000000	0.001195	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VL	NT	11.000000	0.004381	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VN	NT	12.000000	0.004779	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	VH	NT	11.000000	0.004381	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VL	NT	9.000000	0.003471	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VN	NT	8.000000	0.003085	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	VH	NT	4.000000	0.001543	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VL	NT	5.000000	0.001928	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VN	NT	11.000000	0.004242	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	VH	NT	14.000000	0.005399	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	VL	NT	8.000000	0.002991	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	VN	NT	5.000000	0.001869	PASS

N41	30	30	DFT-QPSK	H	Outer_Full	VH	NT	7.000000	0.002617	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VL	NT	6.000000	0.002243	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VN	NT	13.000000	0.004860	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	VH	NT	15.000000	0.005608	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VL	NT	7.000000	0.002782	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VN	NT	5.000000	0.001987	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	VH	NT	7.000000	0.002782	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VL	NT	19.000000	0.007552	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VN	NT	1.000000	0.000397	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	VH	NT	12.000000	0.004769	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VL	NT	8.000000	0.003085	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VN	NT	9.000000	0.003471	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	VH	NT	7.000000	0.002700	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VL	NT	4.000000	0.001543	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VN	NT	17.000000	0.006556	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	VH	NT	9.000000	0.003471	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VL	NT	11.000000	0.004120	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VN	NT	2.000000	0.000749	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	VH	NT	11.000000	0.004120	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VL	NT	11.000000	0.004120	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VN	NT	5.000000	0.001873	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	VH	NT	16.000000	0.005993	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VL	NT	14.000000	0.005553	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VN	NT	6.000000	0.002380	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	VH	NT	19.000000	0.007537	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VL	NT	9.000000	0.003570	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VN	NT	16.000000	0.006347	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	VH	NT	14.000000	0.005553	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VL	NT	2.000000	0.000771	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VN	NT	16.000000	0.006170	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	VH	NT	2.000000	0.000771	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VL	NT	7.000000	0.002700	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VN	NT	18.000000	0.006942	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	VH	NT	8.000000	0.003085	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VL	NT	2.000000	0.000750	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VN	NT	18.000000	0.006754	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	VH	NT	1.000000	0.000375	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VL	NT	9.000000	0.003377	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VN	NT	4.000000	0.001501	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	VH	NT	2.000000	0.000750	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	VL	NT	9.000000	0.003563	PASS

N41	30	60	DFT-QPSK	L	Outer_Full	VN	NT	7.000000	0.002771	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	VH	NT	19.000000	0.007522	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VL	NT	1.000000	0.000396	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VN	NT	14.000000	0.005542	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	VH	NT	6.000000	0.002375	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VL	NT	1.000000	0.000386	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VN	NT	4.000000	0.001543	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	VH	NT	13.000000	0.005014	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VL	NT	9.000000	0.003471	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VN	NT	19.000000	0.007327	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	VH	NT	14.000000	0.005399	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VL	NT	13.000000	0.004887	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VN	NT	14.000000	0.005263	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	VH	NT	1.000000	0.000376	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VL	NT	3.000000	0.001128	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VN	NT	17.000000	0.006391	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	VH	NT	13.000000	0.004887	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	VL	NT	8.000000	0.003161	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	VN	NT	6.000000	0.002371	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	VH	NT	8.000000	0.003161	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	VL	NT	8.000000	0.003161	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	VN	NT	10.000000	0.003950	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	VH	NT	9.000000	0.003556	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VL	NT	14.000000	0.005399	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VN	NT	5.000000	0.001928	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	VH	NT	8.000000	0.003085	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	VL	NT	10.000000	0.003857	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	VN	NT	19.000000	0.007327	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	VH	NT	13.000000	0.005014	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	VL	NT	16.000000	0.006026	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	VN	NT	14.000000	0.005273	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	VH	NT	13.000000	0.004896	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	VL	NT	17.000000	0.006403	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	VN	NT	9.000000	0.003390	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	VH	NT	18.000000	0.006780	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VL	NT	4.000000	0.001577	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VN	NT	17.000000	0.006703	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	VH	NT	5.000000	0.001971	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VL	NT	16.000000	0.006309	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VN	NT	11.000000	0.004338	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	VH	NT	10.000000	0.003943	PASS

N41	30	80	DFT-QPSK	M	Outer_Full	VL	NT	18.000000	0.006942	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VN	NT	12.000000	0.004628	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	VH	NT	14.000000	0.005399	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VL	NT	7.000000	0.002700	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VN	NT	1.000000	0.000386	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	VH	NT	19.000000	0.007327	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VL	NT	5.000000	0.001887	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VN	NT	12.000000	0.004528	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	VH	NT	6.000000	0.002264	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VL	NT	17.000000	0.006415	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VN	NT	1.000000	0.000377	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	VH	NT	7.000000	0.002642	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VL	NT	1.000000	0.000394	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VN	NT	15.000000	0.005903	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	VH	NT	1.000000	0.000394	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VL	NT	4.000000	0.001574	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VN	NT	3.000000	0.001181	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	VH	NT	2.000000	0.000787	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VL	NT	4.000000	0.001543	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VN	NT	11.000000	0.004242	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	VH	NT	10.000000	0.003857	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VL	NT	1.000000	0.000386	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VN	NT	18.000000	0.006942	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	VH	NT	5.000000	0.001928	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VL	NT	17.000000	0.006427	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VN	NT	15.000000	0.005671	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	VH	NT	11.000000	0.004159	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VL	NT	5.000000	0.001890	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VN	NT	6.000000	0.002268	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	VH	NT	5.000000	0.001890	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VL	NT	18.000000	0.007070	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VN	NT	17.000000	0.006677	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	VH	NT	8.000000	0.003142	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VL	NT	5.000000	0.001964	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VN	NT	18.000000	0.007070	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	VH	NT	17.000000	0.006677	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VL	NT	19.000000	0.007327	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VN	NT	2.000000	0.000771	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	VH	NT	1.000000	0.000386	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VL	NT	1.000000	0.000386	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	VN	NT	12.000000	0.004628	PASS

N41	30	100	DFT-16QAM	M	Outer_Full	VH	NT	10.000000	0.003857	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VL	NT	15.000000	0.005682	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VN	NT	14.000000	0.005303	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	VH	NT	3.000000	0.001136	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VL	NT	8.000000	0.003030	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VN	NT	2.000000	0.000758	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	VH	NT	1.000000	0.000379	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-30	7.000000	0.002793	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-20	4.000000	0.001596	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	-10	3.000000	0.001197	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	0	5.000000	0.001994	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	10	7.000000	0.002793	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	20	3.000000	0.001197	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	30	12.000000	0.004788	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	40	4.000000	0.001596	PASS
N41	30	20	DFT-QPSK	L	Outer_Full	NV	50	13.000000	0.005188	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-30	7.000000	0.002793	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-20	6.000000	0.002394	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	-10	8.000000	0.003192	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	0	16.000000	0.006385	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	10	10.000000	0.003989	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	20	18.000000	0.007183	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	30	3.000000	0.001197	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	40	14.000000	0.005587	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	NV	50	4.000000	0.001596	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-30	14.000000	0.005399	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-20	19.000000	0.007327	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	-10	6.000000	0.002314	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	0	17.000000	0.006556	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	10	3.000000	0.001157	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	20	5.000000	0.001928	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	30	1.000000	0.000386	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	40	3.000000	0.001157	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	NV	50	6.000000	0.002314	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	-30	12.000000	0.004628	PASS

N41	30	20	DFT-16QAM	M	Outer_Full	NV	-20	14.000000	0.005399	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	-10	17.000000	0.006556	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	0	16.000000	0.006170	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	10	18.000000	0.006942	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	20	17.000000	0.006556	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	30	13.000000	0.005014	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	40	3.000000	0.001157	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	NV	50	6.000000	0.002314	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-30	11.000000	0.004104	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-20	13.000000	0.004851	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	-10	16.000000	0.005970	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	0	18.000000	0.006716	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	10	5.000000	0.001866	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	20	16.000000	0.005970	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	30	19.000000	0.007090	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	40	6.000000	0.002239	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	NV	50	9.000000	0.003358	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-30	9.000000	0.003358	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-20	4.000000	0.001493	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	-10	3.000000	0.001119	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	0	16.000000	0.005970	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	10	16.000000	0.005970	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	20	15.000000	0.005597	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	30	18.000000	0.006716	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	40	1.000000	0.000373	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	NV	50	19.000000	0.007090	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-30	5.000000	0.001991	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-20	1.000000	0.000398	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	-10	10.000000	0.003982	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	0	9.000000	0.003584	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	10	11.000000	0.004381	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	20	6.000000	0.002389	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	30	17.000000	0.006770	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	40	1.000000	0.000398	PASS
N41	30	30	DFT-QPSK	L	Outer_Full	NV	50	6.000000	0.002389	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-30	13.000000	0.005177	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-20	16.000000	0.006372	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	-10	15.000000	0.005974	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	0	17.000000	0.006770	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	10	1.000000	0.000398	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	20	19.000000	0.007567	PASS

N41	30	30	DFT-16QAM	L	Outer_Full	NV	30	6.000000	0.002389	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	40	5.000000	0.001991	PASS
N41	30	30	DFT-16QAM	L	Outer_Full	NV	50	3.000000	0.001195	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-30	6.000000	0.002314	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-20	5.000000	0.001928	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	-10	4.000000	0.001543	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	0	9.000000	0.003471	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	10	8.000000	0.003085	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	20	17.000000	0.006556	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	30	17.000000	0.006556	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	40	6.000000	0.002314	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	NV	50	5.000000	0.001928	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-30	10.000000	0.003857	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-20	19.000000	0.007327	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	-10	6.000000	0.002314	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	0	15.000000	0.005785	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	10	5.000000	0.001928	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	20	1.000000	0.000386	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	30	19.000000	0.007327	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	40	9.000000	0.003471	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	NV	50	5.000000	0.001928	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-30	3.000000	0.001122	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-20	12.000000	0.004486	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	-10	18.000000	0.006729	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	0	6.000000	0.002243	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	10	17.000000	0.006355	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	20	7.000000	0.002617	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	30	10.000000	0.003738	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	40	9.000000	0.003365	PASS
N41	30	30	DFT-QPSK	H	Outer_Full	NV	50	8.000000	0.002991	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-30	11.000000	0.004112	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-20	10.000000	0.003738	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	-10	19.000000	0.007103	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	0	19.000000	0.007103	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	10	18.000000	0.006729	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	20	2.000000	0.000748	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	30	11.000000	0.004112	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	40	9.000000	0.003365	PASS
N41	30	30	DFT-16QAM	H	Outer_Full	NV	50	9.000000	0.003365	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	-30	18.000000	0.007154	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	-20	4.000000	0.001590	PASS

N41	30	40	DFT-QPSK	L	Outer_Full	NV	-10	10.000000	0.003975	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	0	16.000000	0.006359	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	10	7.000000	0.002782	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	20	6.000000	0.002385	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	30	8.000000	0.003180	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	40	18.000000	0.007154	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	NV	50	10.000000	0.003975	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-30	15.000000	0.005962	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-20	5.000000	0.001987	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	-10	4.000000	0.001590	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	0	13.000000	0.005167	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	10	12.000000	0.004769	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	20	8.000000	0.003180	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	30	17.000000	0.006757	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	40	15.000000	0.005962	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	NV	50	1.000000	0.000397	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-30	6.000000	0.002314	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-20	2.000000	0.000771	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	-10	11.000000	0.004242	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	0	14.000000	0.005399	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	10	5.000000	0.001928	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	20	1.000000	0.000386	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	30	19.000000	0.007327	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	40	17.000000	0.006556	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	NV	50	10.000000	0.003857	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-30	12.000000	0.004628	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-20	2.000000	0.000771	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	-10	14.000000	0.005399	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	0	18.000000	0.006942	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	10	17.000000	0.006556	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	20	7.000000	0.002700	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	30	7.000000	0.002700	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	40	16.000000	0.006170	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	NV	50	15.000000	0.005785	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-30	3.000000	0.001124	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-20	12.000000	0.004494	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	-10	14.000000	0.005243	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	0	8.000000	0.002996	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	10	1.000000	0.000375	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	20	9.000000	0.003371	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	30	18.000000	0.006742	PASS

N41	30	40	DFT-QPSK	H	Outer_Full	NV	40	9.000000	0.003371	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	NV	50	8.000000	0.002996	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-30	18.000000	0.006742	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-20	17.000000	0.006367	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	-10	1.000000	0.000375	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	0	10.000000	0.003745	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	10	9.000000	0.003371	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	20	12.000000	0.004494	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	30	4.000000	0.001498	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	40	7.000000	0.002622	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	NV	50	6.000000	0.002247	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-30	6.000000	0.002380	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-20	4.000000	0.001587	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	-10	18.000000	0.007140	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	0	13.000000	0.005157	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	10	16.000000	0.006347	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	20	3.000000	0.001190	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	30	2.000000	0.000793	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	40	19.000000	0.007537	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	NV	50	18.000000	0.007140	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-30	16.000000	0.006347	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-20	18.000000	0.007140	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	-10	8.000000	0.003173	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	0	7.000000	0.002777	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	10	5.000000	0.001983	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	20	14.000000	0.005553	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	30	7.000000	0.002777	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	40	16.000000	0.006347	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	NV	50	2.000000	0.000793	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-30	5.000000	0.001928	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-20	4.000000	0.001543	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	-10	10.000000	0.003857	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	0	6.000000	0.002314	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	10	16.000000	0.006170	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	20	15.000000	0.005785	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	30	14.000000	0.005399	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	40	17.000000	0.006556	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	NV	50	1.000000	0.000386	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-30	16.000000	0.006170	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-20	3.000000	0.001157	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	-10	15.000000	0.005785	PASS

N41	30	50	DFT-16QAM	M	Outer_Full	NV	0	5.000000	0.001928	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	10	4.000000	0.001543	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	20	7.000000	0.002700	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	30	16.000000	0.006170	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	40	15.000000	0.005785	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	NV	50	2.000000	0.000771	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-30	3.000000	0.001126	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-20	2.000000	0.000750	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	-10	4.000000	0.001501	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	0	3.000000	0.001126	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	10	3.000000	0.001126	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	20	2.000000	0.000750	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	30	11.000000	0.004128	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	40	9.000000	0.003377	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	NV	50	8.000000	0.003002	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-30	1.000000	0.000375	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-20	4.000000	0.001501	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	-10	7.000000	0.002627	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	0	6.000000	0.002251	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	10	12.000000	0.004503	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	20	15.000000	0.005629	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	30	18.000000	0.006754	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	40	17.000000	0.006379	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	NV	50	7.000000	0.002627	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-30	12.000000	0.004751	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-20	18.000000	0.007126	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	-10	17.000000	0.006730	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	0	16.000000	0.006334	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	10	2.000000	0.000792	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	20	2.000000	0.000792	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	30	1.000000	0.000396	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	40	10.000000	0.003959	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	NV	50	16.000000	0.006334	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-30	15.000000	0.005938	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-20	18.000000	0.007126	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	-10	17.000000	0.006730	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	0	3.000000	0.001188	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	10	16.000000	0.006334	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	20	6.000000	0.002375	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	30	16.000000	0.006334	PASS
N41	30	60	DFT-16QAM	L	Outer_Full	NV	40	15.000000	0.005938	PASS

N41	30	60	DFT-16QAM	L	Outer_Full	NV	50	17.000000	0.006730	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-30	5.000000	0.001928	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-20	10.000000	0.003857	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	-10	5.000000	0.001928	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	0	11.000000	0.004242	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	10	16.000000	0.006170	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	20	4.000000	0.001543	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	30	10.000000	0.003857	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	40	19.000000	0.007327	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	NV	50	17.000000	0.006556	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-30	13.000000	0.005014	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-20	16.000000	0.006170	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	-10	3.000000	0.001157	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	0	11.000000	0.004242	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	10	15.000000	0.005785	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	20	1.000000	0.000386	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	30	7.000000	0.002700	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	40	10.000000	0.003857	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	NV	50	9.000000	0.003471	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-30	19.000000	0.007143	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-20	10.000000	0.003759	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	-10	16.000000	0.006015	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	0	15.000000	0.005639	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	10	19.000000	0.007143	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	20	18.000000	0.006767	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	30	2.000000	0.000752	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	40	11.000000	0.004135	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	NV	50	4.000000	0.001504	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-30	12.000000	0.004511	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-20	2.000000	0.000752	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	-10	8.000000	0.003008	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	0	14.000000	0.005263	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	10	4.000000	0.001504	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	20	14.000000	0.005263	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	30	13.000000	0.004887	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	40	3.000000	0.001128	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	NV	50	15.000000	0.005639	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	-30	10.000000	0.003950	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	-20	3.000000	0.001185	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	-10	12.000000	0.004741	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	0	19.000000	0.007507	PASS

N41	30	70	DFT-QPSK	L	Outer_Full	NV	10	9.000000	0.003556	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	20	13.000000	0.005136	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	30	11.000000	0.004346	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	40	17.000000	0.006717	PASS
N41	30	70	DFT-QPSK	L	Outer_Full	NV	50	19.000000	0.007507	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	-30	11.000000	0.004346	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	-20	17.000000	0.006717	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	-10	1.000000	0.000395	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	0	4.000000	0.001580	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	10	2.000000	0.000790	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	20	11.000000	0.004346	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	30	4.000000	0.001580	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	40	13.000000	0.005136	PASS
N41	30	70	DFT-16QAM	L	Outer_Full	NV	50	15.000000	0.005926	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-30	17.000000	0.006556	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-20	18.000000	0.006942	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	-10	6.000000	0.002314	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	0	9.000000	0.003471	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	10	15.000000	0.005785	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	20	18.000000	0.006942	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	30	4.000000	0.001543	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	40	10.000000	0.003857	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	NV	50	5.000000	0.001928	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	-30	15.000000	0.005785	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	-20	10.000000	0.003857	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	-10	19.000000	0.007327	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	0	19.000000	0.007327	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	10	9.000000	0.003471	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	20	14.000000	0.005399	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	30	13.000000	0.005014	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	40	4.000000	0.001543	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	NV	50	3.000000	0.001157	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	-30	12.000000	0.004520	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	-20	14.000000	0.005273	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	-10	9.000000	0.003390	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	0	18.000000	0.006780	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	10	5.000000	0.001883	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	20	4.000000	0.001507	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	30	13.000000	0.004896	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	40	8.000000	0.003013	PASS
N41	30	70	DFT-QPSK	H	Outer_Full	NV	50	19.000000	0.007156	PASS

N41	30	70	DFT-16QAM	H	Outer_Full	NV	-30	10.000000	0.003766	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	-20	10.000000	0.003766	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	-10	19.000000	0.007156	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	0	12.000000	0.004520	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	10	3.000000	0.001130	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	20	9.000000	0.003390	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	30	9.000000	0.003390	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	40	18.000000	0.006780	PASS
N41	30	70	DFT-16QAM	H	Outer_Full	NV	50	18.000000	0.006780	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-30	7.000000	0.002760	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-20	17.000000	0.006703	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	-10	16.000000	0.006309	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	0	3.000000	0.001183	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	10	14.000000	0.005520	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	20	12.000000	0.004732	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	30	18.000000	0.007098	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	40	4.000000	0.001577	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	NV	50	3.000000	0.001183	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-30	8.000000	0.003155	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-20	16.000000	0.006309	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	-10	2.000000	0.000789	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	0	5.000000	0.001971	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	10	11.000000	0.004338	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	20	11.000000	0.004338	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	30	17.000000	0.006703	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	40	8.000000	0.003155	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	NV	50	7.000000	0.002760	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-30	12.000000	0.004628	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-20	18.000000	0.006942	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	-10	11.000000	0.004242	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	0	17.000000	0.006556	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	10	5.000000	0.001928	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	20	4.000000	0.001543	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	30	14.000000	0.005399	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	40	13.000000	0.005014	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	NV	50	4.000000	0.001543	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-30	6.000000	0.002314	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-20	9.000000	0.003471	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	-10	6.000000	0.002314	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	0	6.000000	0.002314	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	10	12.000000	0.004628	PASS

N41	30	80	DFT-16QAM	M	Outer_Full	NV	20	3.000000	0.001157	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	30	2.000000	0.000771	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	40	12.000000	0.004628	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	NV	50	1.000000	0.000386	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-30	4.000000	0.001509	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-20	3.000000	0.001132	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	-10	10.000000	0.003774	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	0	9.000000	0.003396	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	10	19.000000	0.007170	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	20	2.000000	0.000755	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	30	4.000000	0.001509	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	40	3.000000	0.001132	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	NV	50	13.000000	0.004906	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	-30	9.000000	0.003396	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	-20	16.000000	0.006038	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	-10	19.000000	0.007170	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	0	6.000000	0.002264	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	10	6.000000	0.002264	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	20	12.000000	0.004528	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	30	15.000000	0.005660	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	40	2.000000	0.000755	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	NV	50	8.000000	0.003019	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	-30	19.000000	0.007477	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	-20	2.000000	0.000787	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	-10	1.000000	0.000394	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	0	9.000000	0.003542	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	10	5.000000	0.001968	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	20	10.000000	0.003935	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	30	3.000000	0.001181	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	40	9.000000	0.003542	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	NV	50	7.000000	0.002755	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	-30	11.000000	0.004329	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	-20	2.000000	0.000787	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	-10	4.000000	0.001574	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	0	9.000000	0.003542	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	10	1.000000	0.000394	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	20	18.000000	0.007084	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	30	5.000000	0.001968	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	40	3.000000	0.001181	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	NV	50	2.000000	0.000787	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	-30	1.000000	0.000386	PASS

N41	30	90	DFT-QPSK	M	Outer_Full	NV	-20	7.000000	0.002700	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	-10	10.000000	0.003857	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	0	10.000000	0.003857	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	10	16.000000	0.006170	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	20	13.000000	0.005014	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	30	7.000000	0.002700	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	40	12.000000	0.004628	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	NV	50	19.000000	0.007327	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	-30	4.000000	0.001543	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	-20	2.000000	0.000771	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	-10	12.000000	0.004628	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	0	18.000000	0.006942	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	10	1.000000	0.000386	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	20	15.000000	0.005785	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	30	16.000000	0.006170	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	40	15.000000	0.005785	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	NV	50	7.000000	0.002700	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	-30	11.000000	0.004159	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	-20	16.000000	0.006049	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	-10	7.000000	0.002647	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	0	6.000000	0.002268	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	10	6.000000	0.002268	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	20	4.000000	0.001512	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	30	4.000000	0.001512	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	40	14.000000	0.005293	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	NV	50	19.000000	0.007183	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	-30	8.000000	0.003025	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	-20	18.000000	0.006805	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	-10	14.000000	0.005293	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	0	14.000000	0.005293	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	10	1.000000	0.000378	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	20	4.000000	0.001512	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	30	14.000000	0.005293	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	40	1.000000	0.000378	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	NV	50	2.000000	0.000756	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	-30	6.000000	0.002357	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	-20	15.000000	0.005892	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	-10	8.000000	0.003142	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	0	17.000000	0.006677	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	10	12.000000	0.004713	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	20	2.000000	0.000786	PASS

N41	30	100	DFT-QPSK	L	Outer_Full	NV	30	12.000000	0.004713	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	40	15.000000	0.005892	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	NV	50	2.000000	0.000786	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	-30	14.000000	0.005499	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	-20	14.000000	0.005499	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	-10	1.000000	0.000393	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	0	11.000000	0.004320	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	10	16.000000	0.006284	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	20	11.000000	0.004320	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	30	17.000000	0.006677	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	40	19.000000	0.007463	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	NV	50	2.000000	0.000786	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-30	13.000000	0.005014	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-20	11.000000	0.004242	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	-10	17.000000	0.006556	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	0	9.000000	0.003471	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	10	18.000000	0.006942	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	20	12.000000	0.004628	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	30	2.000000	0.000771	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	40	8.000000	0.003085	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	NV	50	6.000000	0.002314	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-30	16.000000	0.006170	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-20	2.000000	0.000771	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	-10	8.000000	0.003085	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	0	4.000000	0.001543	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	10	2.000000	0.000771	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	20	7.000000	0.002700	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	30	12.000000	0.004628	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	40	18.000000	0.006942	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	NV	50	9.000000	0.003471	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	-30	5.000000	0.001894	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	-20	6.000000	0.002273	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	-10	12.000000	0.004545	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	0	17.000000	0.006439	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	10	12.000000	0.004545	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	20	18.000000	0.006818	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	30	13.000000	0.004924	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	40	18.000000	0.006818	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	NV	50	5.000000	0.001894	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	-30	6.000000	0.002273	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	-20	6.000000	0.002273	PASS

N41	30	100	DFT-16QAM	H	Outer_Full	NV	-10	12.000000	0.004545	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	0	19.000000	0.007197	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	10	7.000000	0.002652	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	20	13.000000	0.004924	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	30	13.000000	0.004924	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	40	18.000000	0.006818	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	NV	50	4.000000	0.001515	PASS