







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	20	DFT-QPSK	L	Outer_Full	VL	NT	-10.60	0.00	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-11.14	0.00	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-29.62	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	VL	NT	-28.59	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	VN	NT	-8.70	0.00	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	VH	NT	-20.10	-0.01	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-28.73	-0.01	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-31.68	-0.01	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	VH	NT	-33.23	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	VL	NT	-20.40	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	VN	NT	-16.59	0.00	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	VH	NT	-30.76	-0.01	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-32.48	-0.01	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-38.37	-0.01	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-33.03	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	VL	NT	-29.94	-0.01	PASS
N78-345	30	20	CP-QPSK	H	Outer_Full	VN	NT	-15.37	0.00	PASS

0-3550										
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	VH	NT	-35.08	-0.01	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	VL	NT	-33.55	-0.01	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	VN	NT	-38.26	-0.01	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	VH	NT	-17.08	0.00	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	VL	NT	-15.17	0.00	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	VN	NT	-16.35	0.00	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	VH	NT	-30.81	-0.01	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	VL	NT	-30.46	-0.01	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	VN	NT	-38.57	-0.01	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	VH	NT	-36.37	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	VL	NT	-34.41	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	VN	NT	-42.93	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	VH	NT	-16.64	0.00	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	VL	NT	-22.81	-0.01	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	VN	NT	-25.89	-0.01	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	VH	NT	-12.33	0.00	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	VL	NT	-23.46	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	VN	NT	-23.86	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	VH	NT	-29.95	-0.01	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VL	NT	-18.47	-0.01	PASS
N78-345	30	40	DFT-QPSK	L	Outer_Full	VN	NT	-24.58	-0.01	PASS

0-3550										
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	VH	NT	-17.16	0.00	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	VL	NT	-39.40	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	VN	NT	-12.13	0.00	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	VH	NT	-20.69	-0.01	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-38.62	-0.01	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VN	NT	-39.61	-0.01	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	VH	NT	-28.02	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	VL	NT	-26.20	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	VN	NT	-28.16	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	VH	NT	-33.89	-0.01	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VL	NT	-40.61	-0.01	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-34.28	-0.01	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	VH	NT	-36.19	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	VL	NT	-30.69	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	VN	NT	-24.02	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	VH	NT	-25.87	-0.01	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VL	NT	-39.60	-0.01	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-33.94	-0.01	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	VH	NT	-31.96	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	VL	NT	-41.82	-0.01	PASS
N78-345	30	50	CP-QPSK	L	Outer_Full	VN	NT	-30.54	-0.01	PASS

0-3550										
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	VH	NT	-24.68	-0.01	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-46.22	-0.01	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-11.63	0.00	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-33.51	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	VL	NT	-26.51	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	VN	NT	-35.95	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	VH	NT	-31.62	-0.01	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-32.90	-0.01	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VN	NT	-21.87	-0.01	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	VH	NT	-21.96	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	VL	NT	-38.05	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	VN	NT	-22.30	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	VH	NT	-27.15	-0.01	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VL	NT	-37.45	-0.01	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-33.24	-0.01	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	VH	NT	-18.56	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	VL	NT	-34.47	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	VN	NT	-26.02	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	VH	NT	-24.20	-0.01	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VL	NT	-30.50	-0.01	PASS
N78-345	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-27.82	-0.01	PASS

0-3550										
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-28.13	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	VL	NT	-36.61	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	VN	NT	-25.92	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	VH	NT	-28.01	-0.01	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-28.56	-0.01	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-24.48	-0.01	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-35.68	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	VL	NT	-11.28	0.00	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	VN	NT	-23.06	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	VH	NT	-26.26	-0.01	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VL	NT	-43.98	-0.01	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VN	NT	-11.46	0.00	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	VH	NT	-42.19	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	VL	NT	-25.73	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	VN	NT	-24.82	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	VH	NT	-15.39	0.00	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VL	NT	-21.71	-0.01	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VN	NT	-22.77	-0.01	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	VH	NT	-35.26	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	VL	NT	-32.45	-0.01	PASS
N78-345	30	70	CP-QPSK	M	Outer_Full	VN	NT	-20.85	-0.01	PASS

0-3550										
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	VH	NT	-17.50	0.00	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VL	NT	-39.64	-0.01	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VN	NT	-43.64	-0.01	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	VH	NT	-14.89	0.00	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	VL	NT	-22.21	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	VN	NT	-27.34	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	VH	NT	-21.40	-0.01	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-18.00	-0.01	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VN	NT	-28.86	-0.01	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-21.27	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	VL	NT	-15.55	0.00	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	VN	NT	-23.04	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	VH	NT	-16.24	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-14.28	0.00	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VN	NT	-24.87	-0.01	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-19.78	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	VL	NT	-12.52	0.00	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	VN	NT	-37.24	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	VH	NT	-21.29	-0.01	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-27.33	-0.01	PASS
N78-345	30	80	DFT-QPSK	H	Outer_Full	VN	NT	-22.32	-0.01	PASS

0-3550										
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-21.23	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	VL	NT	-23.72	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	VN	NT	-34.15	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	VH	NT	2.08	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VL	NT	-25.27	-0.01	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VN	NT	-29.28	-0.01	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	VH	NT	-9.98	0.00	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	VL	NT	-19.88	-0.01	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	VN	NT	-18.50	-0.01	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	VH	NT	-12.97	0.00	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-37.45	-0.01	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-25.32	-0.01	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-20.24	-0.01	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	VL	NT	-26.27	-0.01	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	VN	NT	-14.94	0.00	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	VH	NT	-26.30	-0.01	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-25.30	-0.01	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-25.76	-0.01	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-36.33	-0.01	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	VL	NT	-32.74	-0.01	PASS
N78-345	30	90	CP-QPSK	H	Outer_Full	VN	NT	-18.70	-0.01	PASS

0-3550										
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	VH	NT	-42.80	-0.01	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-33.12	-0.01	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-34.05	-0.01	PASS
N78-345 0-3550	30	100	DFT-QPSK	L	Outer_Full	VH	NT	-26.97	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	VL	NT	-49.22	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	VN	NT	-19.88	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	VH	NT	-29.23	-0.01	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VL	NT	-24.30	-0.01	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VN	NT	-20.61	-0.01	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	VH	NT	-20.74	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	VL	NT	-16.25	0.00	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	VN	NT	-13.98	0.00	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	VH	NT	-23.73	-0.01	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VL	NT	-33.30	-0.01	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-30.35	-0.01	PASS
N78-345 0-3550	30	100	DFT-QPSK	H	Outer_Full	VH	NT	-25.80	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	VL	NT	-37.49	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	VN	NT	-19.36	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	VH	NT	-23.02	-0.01	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	20	DFT-QPSK	L	Outer_Full	NV	-30	-42.473446	-0.012276	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-20	-28.072790	-0.008114	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	-10	-14.317770	-0.004138	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	0	-23.365454	-0.006753	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	10	-35.117676	-0.010150	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	20	-20.238729	-0.005849	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	30	-9.174149	-0.002651	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	40	-20.106232	-0.005811	PASS
N78-345 0-3550	30	20	DFT-QPSK	L	Outer_Full	NV	50	-31.121729	-0.008995	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	-30	-23.055645	-0.006664	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	-20	-21.329447	-0.006165	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	-10	-12.813946	-0.003703	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	0	-22.932114	-0.006628	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	10	-15.754509	-0.004553	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	20	-1.777459	-0.000514	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	30	-35.529598	-0.010269	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	40	-19.762594	-0.005712	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	50	-27.136044	-0.007843	PASS

N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-30	-27.534718	-0.007867	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-20	-36.866421	-0.010533	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-17.376936	-0.004965	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	0	-39.906788	-0.011402	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	10	-40.901333	-0.011686	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	20	-19.902742	-0.005686	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	30	-36.181870	-0.010338	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	40	-32.269367	-0.009220	PASS
N78-345 0-3550	30	20	DFT-QPSK	M	Outer_Full	NV	50	-25.687735	-0.007339	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	-30	-19.119661	-0.005463	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	-20	-37.612904	-0.010747	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	-10	-31.847734	-0.009099	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	0	-19.870691	-0.005677	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	10	-27.486650	-0.007853	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	20	-35.484840	-0.010138	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	30	-38.981461	-0.011138	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	40	-20.215115	-0.005776	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	50	-23.217634	-0.006634	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-37.352901	-0.010552	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-32.074734	-0.009061	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-19.512156	-0.005512	PASS

N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	0	-22.354553	-0.006315	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	10	-18.666182	-0.005273	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	20	-19.205778	-0.005425	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	30	-34.352539	-0.009704	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	40	-23.709595	-0.006698	PASS
N78-345 0-3550	30	20	DFT-QPSK	H	Outer_Full	NV	50	-36.073837	-0.010190	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	-30	-20.179613	-0.005700	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	-20	-20.175028	-0.005699	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	-10	-27.106615	-0.007657	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	0	-35.525238	-0.010035	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	10	-16.931210	-0.004783	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	20	-15.556031	-0.004394	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	30	-15.035098	-0.004247	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	40	-31.864750	-0.009001	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	50	-22.928478	-0.006477	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-30	-23.935465	-0.006908	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-20	-36.503078	-0.010535	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	-10	-39.351921	-0.011357	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	0	-36.129192	-0.010427	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	10	-29.200527	-0.008427	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	20	-20.634485	-0.005955	PASS

N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	30	-27.726946	-0.008002	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	40	-12.130567	-0.003501	PASS
N78-345 0-3550	30	30	DFT-QPSK	L	Outer_Full	NV	50	-16.202890	-0.004676	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	-30	-29.650330	-0.008557	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	-20	-14.950083	-0.004315	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	-10	-38.178970	-0.011018	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	0	-32.397007	-0.009350	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	10	-24.116097	-0.006960	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	20	-32.463070	-0.009369	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	30	-19.143438	-0.005525	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	40	-19.808449	-0.005717	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	50	-20.629503	-0.005954	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-30	-20.821825	-0.005949	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-20	-29.326077	-0.008379	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	-10	-32.404781	-0.009258	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	0	-33.906563	-0.009688	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	10	-21.239429	-0.006068	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	20	-32.503128	-0.009287	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	30	-17.568237	-0.005019	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	40	-25.323412	-0.007235	PASS
N78-345 0-3550	30	30	DFT-QPSK	M	Outer_Full	NV	50	-32.351849	-0.009243	PASS

N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	-30	-37.062679	-0.010589	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	-20	-25.207144	-0.007202	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	-10	-27.021685	-0.007720	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	0	-27.915419	-0.007976	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	10	-19.900236	-0.005686	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	20	-29.328190	-0.008379	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	30	-39.861362	-0.011389	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	40	-24.282597	-0.006938	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	50	-23.838314	-0.006811	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-30	-19.697512	-0.005572	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-20	-22.643654	-0.006406	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	-10	-29.726576	-0.008409	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	0	-34.852001	-0.009859	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	10	-15.921060	-0.004504	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	20	-25.437677	-0.007196	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	30	-43.539181	-0.012317	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	40	-26.735889	-0.007563	PASS
N78-345 0-3550	30	30	DFT-QPSK	H	Outer_Full	NV	50	-18.754442	-0.005305	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	-30	-17.486174	-0.004947	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	-20	-33.195576	-0.009391	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	-10	-22.718233	-0.006427	PASS

N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	0	-27.358252	-0.007739	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	10	-23.514278	-0.006652	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	20	-17.404951	-0.004924	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	30	-26.988392	-0.007635	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	40	-34.417675	-0.009736	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	50	-24.287960	-0.006871	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-30.962086	-0.008923	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-20	-30.860376	-0.008893	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-25.660862	-0.007395	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	0	-29.351992	-0.008459	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	10	-31.067684	-0.008953	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	20	-33.214890	-0.009572	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	30	-27.467173	-0.007916	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	40	-37.531109	-0.010816	PASS
N78-345 0-3550	30	40	DFT-QPSK	L	Outer_Full	NV	50	-29.691965	-0.008557	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	-30	-27.076569	-0.007803	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	-20	-27.440590	-0.007908	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	-10	-12.267687	-0.003535	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	0	-17.291840	-0.004983	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	10	-34.539188	-0.009954	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	20	-12.825290	-0.003696	PASS

N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	30	-29.252121	-0.008430	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	40	-14.391378	-0.004147	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	50	-23.037615	-0.006639	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-17.830395	-0.005094	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-19.164703	-0.005476	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-30.415854	-0.008690	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	0	-16.401999	-0.004686	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	10	-19.199816	-0.005486	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	20	-16.736584	-0.004782	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	30	-30.960339	-0.008846	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	40	-19.720963	-0.005635	PASS
N78-345 0-3550	30	40	DFT-QPSK	M	Outer_Full	NV	50	-34.918755	-0.009977	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	-30	-43.425213	-0.012407	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	-20	-18.699419	-0.005343	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	-10	-29.409393	-0.008403	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	0	-32.013859	-0.009147	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	10	-33.213966	-0.009490	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	20	-30.778532	-0.008794	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	30	-21.924725	-0.006264	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	40	-32.058369	-0.009160	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	50	-22.877672	-0.006536	PASS

N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-30	-35.535423	-0.010067	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-20	-41.917358	-0.011875	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	-10	-40.629250	-0.011510	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	0	-31.083593	-0.008806	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	10	-35.715366	-0.010118	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	20	-36.561199	-0.010357	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	30	-33.158493	-0.009393	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	40	-28.590384	-0.008099	PASS
N78-345 0-3550	30	40	DFT-QPSK	H	Outer_Full	NV	50	-22.351826	-0.006332	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	-30	-20.786913	-0.005889	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	-20	-25.342243	-0.007179	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	-10	-21.294724	-0.006032	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	0	-26.776844	-0.007585	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	10	-32.309212	-0.009153	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	20	-30.664186	-0.008687	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	30	-30.116295	-0.008532	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	40	-40.828529	-0.011566	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	50	-16.426994	-0.004654	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-32.351257	-0.009310	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-18.337109	-0.005277	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	-10	-34.753326	-0.010001	PASS

N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	0	-26.937481	-0.007752	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	10	-32.945858	-0.009481	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	20	-34.209553	-0.009845	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	30	-32.073990	-0.009230	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	40	-28.675404	-0.008252	PASS
N78-345 0-3550	30	50	DFT-QPSK	L	Outer_Full	NV	50	-42.318295	-0.012178	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	-30	-41.504295	-0.011944	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	-20	-22.003998	-0.006332	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	-10	-32.281342	-0.009290	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	0	-39.637798	-0.011407	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	10	-24.455488	-0.007038	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	20	-24.815762	-0.007141	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	30	-23.227070	-0.006684	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	40	-34.003742	-0.009785	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	50	-45.918964	-0.013214	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-28.269447	-0.008077	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-35.544350	-0.010155	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-30.781881	-0.008795	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	0	-39.878311	-0.011394	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	10	-45.084171	-0.012881	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	20	-22.995966	-0.006570	PASS

N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	30	-19.076042	-0.005450	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	40	-36.376198	-0.010393	PASS
N78-345 0-3550	30	50	DFT-QPSK	M	Outer_Full	NV	50	-5.452422	-0.001558	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	-30	-25.633371	-0.007324	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	-20	-31.845047	-0.009099	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	-10	-24.914766	-0.007118	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	0	-36.481876	-0.010423	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	10	-23.507341	-0.006716	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	20	-21.839928	-0.006240	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	30	-20.894329	-0.005970	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	40	-35.821167	-0.010235	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	50	-30.803610	-0.008801	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-31.041849	-0.008806	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-22.678129	-0.006434	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-26.515917	-0.007522	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	0	-23.359028	-0.006627	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	10	-34.968945	-0.009920	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	20	-22.696918	-0.006439	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	30	-24.512989	-0.006954	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	40	-27.152527	-0.007703	PASS
N78-345 0-3550	30	50	DFT-QPSK	H	Outer_Full	NV	50	-47.691273	-0.013529	PASS

N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	-30	-31.607323	-0.008967	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	-20	-21.930197	-0.006221	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	-10	-27.814598	-0.007891	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	0	-21.696732	-0.006155	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	10	-32.209274	-0.009137	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	20	-36.769096	-0.010431	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	30	-39.053310	-0.011079	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	40	-20.571209	-0.005836	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	50	-18.516455	-0.005253	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-30	-25.187778	-0.007238	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-36.714535	-0.010550	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-18.135368	-0.005211	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	0	-11.216916	-0.003223	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	10	-26.745726	-0.007686	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	20	-30.695936	-0.008821	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	30	-35.150684	-0.010101	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	40	-32.409088	-0.009313	PASS
N78-345 0-3550	30	60	DFT-QPSK	L	Outer_Full	NV	50	-29.681608	-0.008529	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	-30	-25.303171	-0.007271	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	-20	-31.709400	-0.009112	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	-10	-28.312141	-0.008136	PASS

N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	0	-42.529419	-0.012221	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	10	-27.559063	-0.007919	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	20	-7.060890	-0.002029	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	30	-23.391346	-0.006722	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	40	-22.466158	-0.006456	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	50	-14.757833	-0.004241	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-30	-29.779655	-0.008508	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-16.528582	-0.004722	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-33.720436	-0.009634	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	0	-29.720364	-0.008492	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	10	-36.063709	-0.010304	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	20	-19.417694	-0.005548	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	30	-36.928261	-0.010551	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	40	-32.172718	-0.009192	PASS
N78-345 0-3550	30	60	DFT-QPSK	M	Outer_Full	NV	50	-26.089037	-0.007454	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	-30	-23.138622	-0.006611	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	-20	-28.561565	-0.008160	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	-10	-20.762812	-0.005932	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	0	-28.494356	-0.008141	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	10	-32.635651	-0.009324	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	20	-33.187054	-0.009482	PASS

N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	30	-25.820885	-0.007377	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	40	-23.032831	-0.006581	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	50	-12.688126	-0.003625	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-20.652353	-0.005867	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-20	-26.984058	-0.007666	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-11.786178	-0.003348	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	0	-15.174597	-0.004311	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	10	-11.266626	-0.003201	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	20	-32.004715	-0.009092	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	30	-23.365456	-0.006638	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	40	-10.107787	-0.002872	PASS
N78-345 0-3550	30	60	DFT-QPSK	H	Outer_Full	NV	50	-19.010204	-0.005401	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	-30	-6.443004	-0.001830	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	-20	-24.753887	-0.007032	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	-10	-32.575363	-0.009254	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	0	-7.881273	-0.002239	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	10	-4.103759	-0.001166	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	20	-21.518375	-0.006113	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	30	-33.710926	-0.009577	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	40	-22.489462	-0.006389	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	50	-27.897791	-0.007926	PASS

N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-30	-36.477554	-0.010467	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-20	-22.392424	-0.006425	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	-10	-22.565742	-0.006475	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	0	-20.118538	-0.005773	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	10	-20.893435	-0.005995	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	20	-40.369686	-0.011584	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	30	-37.576138	-0.010782	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	40	-31.639187	-0.009079	PASS
N78-345 0-3550	30	70	DFT-QPSK	L	Outer_Full	NV	50	-3.976609	-0.001141	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	-30	-13.102518	-0.003760	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	-20	-24.214060	-0.006948	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	-10	-27.357456	-0.007850	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	0	-23.703951	-0.006802	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	10	-18.764605	-0.005384	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	20	-13.212279	-0.003791	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	30	-46.503735	-0.013344	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	40	-31.876617	-0.009147	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	50	-42.774464	-0.012274	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-30	-27.371119	-0.007820	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-20	-33.026363	-0.009436	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	-10	-25.380013	-0.007251	PASS

N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	0	-13.226550	-0.003779	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	10	-20.088634	-0.005740	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	20	-24.008860	-0.006860	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	30	-24.427465	-0.006979	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	40	-22.738222	-0.006497	PASS
N78-345 0-3550	30	70	DFT-QPSK	M	Outer_Full	NV	50	-40.889126	-0.011683	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	-30	-36.093895	-0.010313	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	-20	-22.837664	-0.006525	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	-10	-23.242201	-0.006641	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	0	-38.080696	-0.010880	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	10	-26.867786	-0.007676	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	20	-33.430698	-0.009552	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	30	-36.222656	-0.010349	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	40	-38.629974	-0.011037	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	50	-36.576576	-0.010450	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-30	-35.377029	-0.010065	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-20	-43.616447	-0.012409	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	-10	-48.195026	-0.013711	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	0	-39.633350	-0.011275	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	10	-26.029430	-0.007405	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	20	-34.408329	-0.009789	PASS

N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	30	-39.989414	-0.011377	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	40	-17.082319	-0.004860	PASS
N78-345 0-3550	30	70	DFT-QPSK	H	Outer_Full	NV	50	-43.694801	-0.012431	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	-30	-45.752892	-0.013016	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	-20	-51.864983	-0.014755	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	-10	-27.839109	-0.007920	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	0	-43.876350	-0.012483	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	10	-34.840752	-0.009912	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	20	-44.160252	-0.012563	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	30	-23.813627	-0.006775	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	40	-26.381966	-0.007506	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	50	-30.791723	-0.008760	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-22.261805	-0.006379	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-26.367624	-0.007555	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-14.116393	-0.004045	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	0	-18.298006	-0.005243	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	10	-17.391516	-0.004983	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	20	-32.011784	-0.009172	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	30	-24.545933	-0.007033	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	40	-29.790138	-0.008536	PASS
N78-345 0-3550	30	80	DFT-QPSK	L	Outer_Full	NV	50	-29.873074	-0.008560	PASS

N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	-30	-22.571831	-0.006468	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	-20	-38.178276	-0.010939	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	-10	-20.996048	-0.006016	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	0	-17.252209	-0.004943	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	10	-4.454998	-0.001277	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	20	-33.093414	-0.009482	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	30	-37.148991	-0.010644	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	40	-15.603261	-0.004471	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	50	-11.827649	-0.003389	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-12.295426	-0.003513	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-15.388625	-0.004397	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-35.250660	-0.010072	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	0	-16.694765	-0.004770	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	10	-21.384916	-0.006110	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	20	-20.150196	-0.005757	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	30	-13.039630	-0.003726	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	40	-32.714104	-0.009347	PASS
N78-345 0-3550	30	80	DFT-QPSK	M	Outer_Full	NV	50	-20.677437	-0.005908	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	-30	-36.968319	-0.010562	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	-20	-3.545781	-0.001013	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	-10	-16.756823	-0.004788	PASS

N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	0	-48.065838	-0.013733	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	10	-18.798208	-0.005371	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	20	-13.296869	-0.003799	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	30	-32.062042	-0.009161	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	40	-15.743173	-0.004498	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	50	-30.865995	-0.008819	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-15.421890	-0.004394	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-20	-20.460648	-0.005829	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-16.421293	-0.004678	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	0	-26.434294	-0.007531	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	10	-29.037037	-0.008273	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	20	-30.654655	-0.008734	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	30	-26.141153	-0.007448	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	40	-18.929251	-0.005393	PASS
N78-345 0-3550	30	80	DFT-QPSK	H	Outer_Full	NV	50	-32.317032	-0.009207	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	-30	-39.330391	-0.011205	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	-20	-20.376936	-0.005805	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	-10	-32.971050	-0.009393	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	0	-14.279421	-0.004068	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	10	-17.510412	-0.004989	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	20	-13.462385	-0.003835	PASS

N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	30	-30.610889	-0.008721	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	40	-18.297337	-0.005213	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	50	-34.854744	-0.009930	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-30	-18.058514	-0.005167	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-20	-11.631137	-0.003328	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	-10	-10.680004	-0.003056	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	0	-17.101410	-0.004893	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	10	-16.421642	-0.004699	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	20	-33.708126	-0.009645	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	30	-7.923489	-0.002267	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	40	-15.781493	-0.004515	PASS
N78-345 0-3550	30	90	DFT-QPSK	L	Outer_Full	NV	50	-20.859034	-0.005968	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	-30	-36.634590	-0.010482	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	-20	-24.171171	-0.006916	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	-10	-38.686356	-0.011069	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	0	-6.740501	-0.001929	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	10	-25.318939	-0.007244	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	20	-19.877804	-0.005687	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	30	-10.114161	-0.002894	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	40	-19.283390	-0.005517	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	50	-26.833630	-0.007678	PASS

N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-30	-45.838039	-0.013097	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-25.856857	-0.007388	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	-10	-20.120665	-0.005749	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	0	-31.726759	-0.009065	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	10	-37.314320	-0.010661	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	20	-8.076116	-0.002307	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	30	-32.187420	-0.009196	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	40	-27.388689	-0.007825	PASS
N78-345 0-3550	30	90	DFT-QPSK	M	Outer_Full	NV	50	-16.109488	-0.004603	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	-30	-39.937241	-0.011411	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	-20	-41.546425	-0.011870	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	-10	-31.113897	-0.008890	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	0	-7.734877	-0.002210	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	10	-36.605282	-0.010459	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	20	-7.737545	-0.002211	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	30	-27.816734	-0.007948	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	40	-43.279148	-0.012365	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	50	-28.871826	-0.008249	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-30	-5.841490	-0.001667	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-30.802599	-0.008788	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-27.986704	-0.007985	PASS

N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	0	-29.774944	-0.008495	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	10	-28.892288	-0.008243	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	20	-13.570504	-0.003872	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	30	-37.945332	-0.010826	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	40	-27.010986	-0.007706	PASS
N78-345 0-3550	30	90	DFT-QPSK	H	Outer_Full	NV	50	-26.241266	-0.007487	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	-30	-21.998451	-0.006276	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	-20	-22.374834	-0.006384	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	-10	-9.715559	-0.002772	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	0	-29.932430	-0.008540	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	10	-25.096844	-0.007160	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	20	-16.980587	-0.004845	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	30	-21.881630	-0.006243	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	40	-22.697748	-0.006476	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	50	-40.976231	-0.011691	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-30	-29.859003	-0.008531	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-20	-34.028221	-0.009722	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-29.738991	-0.008497	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	0	-29.427198	-0.008408	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	10	-27.797737	-0.007942	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	20	-22.161196	-0.006332	PASS

N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	30	-32.856842	-0.009388	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	40	-17.176209	-0.004907	PASS
N78-345 0-3550	30	100	DFT-QPSK	M	Outer_Full	NV	50	-34.535130	-0.009867	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	-30	-26.328779	-0.007522	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	-20	-26.652441	-0.007615	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	-10	-36.877945	-0.010537	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	0	-37.507107	-0.010716	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	10	-17.401217	-0.004972	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	20	-41.265858	-0.011790	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	30	-26.676107	-0.007622	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	40	-28.930052	-0.008266	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	50	-26.663801	-0.007618	PASS