





















**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	CP-QPSK	L	Outer_Full	VL	NT	-17.46	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	VN	NT	-26.84	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	VH	NT	-26.53	-0.01	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	VL	NT	-15.61	0.00	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	VN	NT	-7.79	0.00	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	VH	NT	-24.90	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	VL	NT	-40.40	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	VN	NT	-35.04	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	VH	NT	-28.76	-0.01	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	VL	NT	-36.98	-0.01	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	VN	NT	-34.69	-0.01	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	VH	NT	-35.40	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	VL	NT	-27.02	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	VN	NT	-38.32	-0.01	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	VH	NT	-25.53	-0.01	PASS
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	VL	NT	-18.63	-0.01	PASS
N78-345	30	20	CP-16QAM	H	Outer_Full	VN	NT	-32.15	-0.01	PASS

0-3550										
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	VH	NT	-21.37	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	VL	NT	-23.88	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	VN	NT	-26.15	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	VH	NT	-22.56	-0.01	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	VL	NT	-39.29	-0.01	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	VN	NT	-15.75	0.00	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	VH	NT	-25.29	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	VL	NT	-27.20	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	VN	NT	-42.60	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	VH	NT	-19.26	-0.01	PASS
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	VL	NT	-13.64	0.00	PASS
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	VN	NT	-28.81	-0.01	PASS
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	VH	NT	-20.65	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	VL	NT	-23.04	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	VN	NT	-29.92	-0.01	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	VH	NT	-35.22	-0.01	PASS
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	VL	NT	-37.44	-0.01	PASS
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	VN	NT	-18.64	-0.01	PASS
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	VH	NT	-14.19	0.00	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	VL	NT	-45.33	-0.01	PASS
N78-345	30	40	CP-QPSK	L	Outer_Full	VN	NT	-30.30	-0.01	PASS

0-3550										
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	VH	NT	-23.41	-0.01	PASS
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	VL	NT	-31.54	-0.01	PASS
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	VN	NT	-31.84	-0.01	PASS
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	VH	NT	-33.68	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	VL	NT	-40.08	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	VN	NT	-24.96	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	VH	NT	-33.79	-0.01	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	VL	NT	-38.81	-0.01	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	VN	NT	-42.13	-0.01	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	VH	NT	-44.20	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	VL	NT	-32.87	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	VN	NT	-41.04	-0.01	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	VH	NT	-20.97	-0.01	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	VL	NT	-33.15	-0.01	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	VN	NT	-21.71	-0.01	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	VH	NT	-26.24	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	VL	NT	-41.26	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	VN	NT	-44.32	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	VH	NT	-40.40	-0.01	PASS
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	VL	NT	-17.38	-0.01	PASS
N78-345	30	50	CP-16QAM	L	Outer_Full	VN	NT	-24.44	-0.01	PASS

0-3550										
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	VH	NT	-35.20	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	VL	NT	-28.41	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	VN	NT	-26.36	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	VH	NT	-23.61	-0.01	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	VL	NT	-33.05	-0.01	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	VN	NT	-21.90	-0.01	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	VH	NT	-20.22	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	VL	NT	-21.91	-0.01	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	VN	NT	-14.35	0.00	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	VH	NT	-48.55	-0.01	PASS
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	VL	NT	-21.65	-0.01	PASS
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	VN	NT	-29.50	-0.01	PASS
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	VH	NT	-16.38	0.00	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	VL	NT	-17.96	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	VN	NT	-20.39	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	VH	NT	-30.20	-0.01	PASS
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	VL	NT	-25.98	-0.01	PASS
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	VN	NT	-17.10	0.00	PASS
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	VH	NT	-26.75	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	VL	NT	-29.06	-0.01	PASS
N78-345	30	60	CP-QPSK	M	Outer_Full	VN	NT	-20.42	-0.01	PASS

0-3550										
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	VH	NT	-29.48	-0.01	PASS
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	VL	NT	-21.96	-0.01	PASS
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	VN	NT	-33.78	-0.01	PASS
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	VH	NT	-39.56	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	VL	NT	-29.00	-0.01	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	VN	NT	-17.00	0.00	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	VH	NT	-18.68	-0.01	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	VL	NT	-17.29	0.00	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	VN	NT	-21.30	-0.01	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	VH	NT	-25.48	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	VL	NT	-10.64	0.00	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	VN	NT	-12.34	0.00	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	VH	NT	-26.90	-0.01	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	VL	NT	-26.54	-0.01	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	VN	NT	-26.06	-0.01	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	VH	NT	-24.15	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	VL	NT	-22.67	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	VN	NT	-28.48	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	VH	NT	-31.24	-0.01	PASS
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	VL	NT	-24.09	-0.01	PASS
N78-345	30	80	CP-16QAM	M	Outer_Full	VN	NT	-35.82	-0.01	PASS

0-3550										
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	VH	NT	-19.41	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	VL	NT	-33.32	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	VN	NT	-30.90	-0.01	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	VH	NT	-13.00	0.00	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	VL	NT	-19.29	-0.01	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	VN	NT	-9.36	0.00	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	VH	NT	-20.24	-0.01	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	VL	NT	-18.08	-0.01	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	VN	NT	-4.43	0.00	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	VH	NT	-4.90	0.00	PASS
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	VL	NT	-32.01	-0.01	PASS
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	VN	NT	-21.16	-0.01	PASS
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	VH	NT	-9.70	0.00	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	VL	NT	-31.85	-0.01	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	VN	NT	-36.54	-0.01	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	VH	NT	-35.25	-0.01	PASS
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	VL	NT	-22.34	-0.01	PASS
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	VN	NT	-22.05	-0.01	PASS
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	VH	NT	-44.11	-0.01	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	VL	NT	-30.97	-0.01	PASS
N78-345	30	90	CP-QPSK	H	Outer_Full	VN	NT	-34.69	-0.01	PASS

0-3550										
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	VH	NT	-21.93	-0.01	PASS
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	VL	NT	-11.51	0.00	PASS
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	VN	NT	-19.34	-0.01	PASS
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	VH	NT	-27.14	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	VL	NT	-35.84	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	VN	NT	-29.62	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	VH	NT	-35.73	-0.01	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	VL	NT	-24.56	-0.01	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	VN	NT	-31.77	-0.01	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	VH	NT	-16.64	0.00	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	VL	NT	-35.77	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	VN	NT	-25.62	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	VH	NT	-30.18	-0.01	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	VL	NT	-34.83	-0.01	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	VN	NT	-17.56	-0.01	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	VH	NT	-32.50	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	VL	NT	-18.38	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	VN	NT	-18.72	-0.01	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	VH	NT	-33.67	-0.01	PASS
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	VL	NT	-39.70	-0.01	PASS
N78-345	30	100	CP-16QAM	H	Outer_Full	VN	NT	-36.12	-0.01	PASS



0-3550										
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	VH	NT	-27.43	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	VL	NT	-25.92	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	VN	NT	-22.19	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	VH	NT	-19.93	-0.01	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	VL	NT	-29.44	-0.01	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	VN	NT	-35.29	-0.01	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	VH	NT	-26.98	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	VL	NT	-23.52	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	VN	NT	-31.85	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	VH	NT	-34.41	-0.01	PASS
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	VL	NT	-29.36	-0.01	PASS
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	VN	NT	-12.64	0.00	PASS
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	VH	NT	-43.55	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	VL	NT	-25.11	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	VN	NT	-48.81	-0.01	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	VH	NT	-34.30	-0.01	PASS
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	VL	NT	-38.51	-0.01	PASS
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	VN	NT	-29.39	-0.01	PASS
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	VH	NT	-20.84	-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	CP-QPSK	L	Outer_Full	NV	-30	-19.989147	-0.005777	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	-20	-25.686829	-0.007424	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	-10	-15.483166	-0.004475	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	0	-16.749517	-0.004841	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	10	-25.621960	-0.007405	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	20	-14.117202	-0.004080	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	30	-24.913221	-0.007200	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	40	-11.996947	-0.003467	PASS
N78-345 0-3550	30	20	CP-QPSK	L	Outer_Full	NV	50	-23.980709	-0.006931	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	NV	-30	-20.126703	-0.005817	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	NV	-20	-13.559953	-0.003919	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	NV	-10	-30.967438	-0.008950	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	NV	0	-29.418844	-0.008503	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	NV	10	-31.299427	-0.009046	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	NV	20	-28.876518	-0.008346	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	NV	30	-10.707038	-0.003095	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	NV	40	-31.094614	-0.008987	PASS
N78-345 0-3550	30	20	CP-16QAM	L	Outer_Full	NV	50	-31.275835	-0.009039	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	-30	-31.527573	-0.009008	PASS
N78-345	30	20	CP-QPSK	M	Outer_Full	NV	-20	-25.939131	-0.007411	PASS

0-3550										
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	-10	-34.147144	-0.009756	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	0	-19.495911	-0.005570	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	10	-29.856089	-0.008530	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	20	-30.083591	-0.008595	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	30	-35.142334	-0.010041	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	40	-34.176075	-0.009765	PASS
N78-345 0-3550	30	20	CP-QPSK	M	Outer_Full	NV	50	-16.627342	-0.004751	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	NV	-30	-11.096106	-0.003170	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	NV	-20	-29.017933	-0.008291	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	NV	-10	-33.591080	-0.009597	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	NV	0	-32.493797	-0.009284	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	NV	10	-32.561382	-0.009303	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	NV	20	-32.488831	-0.009282	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	NV	30	-29.976095	-0.008565	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	NV	40	-30.915091	-0.008833	PASS
N78-345 0-3550	30	20	CP-16QAM	M	Outer_Full	NV	50	-28.409958	-0.008117	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	-30	-35.425617	-0.010007	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	-20	-33.732761	-0.009529	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	-10	-27.416759	-0.007745	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	0	-32.501919	-0.009181	PASS
N78-345	30	20	CP-QPSK	H	Outer_Full	NV	10	-37.799335	-0.010678	PASS

0-3550										
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	20	-37.241749	-0.010520	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	30	-35.312706	-0.009975	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	40	-30.114771	-0.008507	PASS
N78-345 0-3550	30	20	CP-QPSK	H	Outer_Full	NV	50	-27.757624	-0.007841	PASS
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	NV	-30	-36.925838	-0.010431	PASS
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	NV	-20	-27.329689	-0.007720	PASS
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	NV	-10	-39.032066	-0.011026	PASS
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	NV	0	-46.159054	-0.013039	PASS
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	NV	10	-16.955519	-0.004790	PASS
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	NV	20	-26.891109	-0.007596	PASS
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	NV	30	-15.662623	-0.004424	PASS
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	NV	40	-27.647366	-0.007810	PASS
N78-345 0-3550	30	20	CP-16QAM	H	Outer_Full	NV	50	-17.161386	-0.004848	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	-30	-20.216961	-0.005835	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	-20	-26.598349	-0.007676	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	-10	-44.265179	-0.012775	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	0	-37.516281	-0.010827	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	10	-22.224785	-0.006414	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	20	-24.678148	-0.007122	PASS
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	30	-26.478331	-0.007642	PASS
N78-345	30	30	CP-QPSK	L	Outer_Full	NV	40	-44.526783	-0.012850	PASS

0-3550										
N78-345 0-3550	30	30	CP-QPSK	L	Outer_Full	NV	50	-17.316351	-0.004998	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	NV	-30	-34.612011	-0.009989	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	NV	-20	-22.441555	-0.006477	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	NV	-10	-31.610117	-0.009123	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	NV	0	-19.198515	-0.005541	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	NV	10	-24.952692	-0.007201	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	NV	20	-30.292223	-0.008742	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	NV	30	-16.417397	-0.004738	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	NV	40	-20.585600	-0.005941	PASS
N78-345 0-3550	30	30	CP-16QAM	L	Outer_Full	NV	50	-25.966236	-0.007494	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	-30	-38.107651	-0.010888	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	-20	-27.232862	-0.007781	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	-10	-24.638990	-0.007040	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	0	-38.034275	-0.010867	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	10	-24.557951	-0.007017	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	20	-32.265511	-0.009219	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	30	-35.034550	-0.010010	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	40	-33.985153	-0.009710	PASS
N78-345 0-3550	30	30	CP-QPSK	M	Outer_Full	NV	50	-30.853619	-0.008815	PASS
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	NV	-30	-34.008739	-0.009717	PASS
N78-345	30	30	CP-16QAM	M	Outer_Full	NV	-20	-28.450521	-0.008129	PASS

0-3550										
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	NV	-10	-36.165947	-0.010333	PASS
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	NV	0	-24.517162	-0.007005	PASS
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	NV	10	-15.532543	-0.004438	PASS
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	NV	20	-24.035536	-0.006867	PASS
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	NV	30	-35.805519	-0.010230	PASS
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	NV	40	-43.928921	-0.012551	PASS
N78-345 0-3550	30	30	CP-16QAM	M	Outer_Full	NV	50	-29.801813	-0.008515	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	-30	-24.881018	-0.007038	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	-20	-21.205164	-0.005999	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	-10	-27.961670	-0.007910	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	0	-22.616795	-0.006398	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	10	-17.103022	-0.004838	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	20	-29.759815	-0.008419	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	30	-15.477432	-0.004378	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	40	-20.103424	-0.005687	PASS
N78-345 0-3550	30	30	CP-QPSK	H	Outer_Full	NV	50	-27.380751	-0.007746	PASS
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	NV	-30	-29.063507	-0.008222	PASS
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	NV	-20	-23.652763	-0.006691	PASS
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	NV	-10	-20.598541	-0.005827	PASS
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	NV	0	-10.059663	-0.002846	PASS
N78-345	30	30	CP-16QAM	H	Outer_Full	NV	10	-5.684714	-0.001608	PASS

0-3550										
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	NV	20	-37.357033	-0.010568	PASS
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	NV	30	-27.144753	-0.007679	PASS
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	NV	40	-18.083672	-0.005116	PASS
N78-345 0-3550	30	30	CP-16QAM	H	Outer_Full	NV	50	-10.554734	-0.002986	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	-30	-18.172319	-0.005237	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	-20	-38.185093	-0.011004	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	-10	-26.856684	-0.007740	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	0	-34.440445	-0.009925	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	10	-32.017635	-0.009227	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	20	-26.644972	-0.007679	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	30	-39.708069	-0.011443	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	40	-24.712177	-0.007122	PASS
N78-345 0-3550	30	40	CP-QPSK	L	Outer_Full	NV	50	-32.267742	-0.009299	PASS
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	NV	-30	-37.160374	-0.010709	PASS
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	NV	-20	-34.657959	-0.009988	PASS
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	NV	-10	-32.713928	-0.009428	PASS
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	NV	0	-28.663376	-0.008260	PASS
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	NV	10	-46.129700	-0.013294	PASS
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	NV	20	-17.225117	-0.004964	PASS
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	NV	30	-36.181175	-0.010427	PASS
N78-345	30	40	CP-16QAM	L	Outer_Full	NV	40	-27.751173	-0.007997	PASS

0-3550										
N78-345 0-3550	30	40	CP-16QAM	L	Outer_Full	NV	50	-21.322971	-0.006145	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	-30	-27.122463	-0.007749	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	-20	-27.524214	-0.007864	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	-10	-37.581230	-0.010737	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	0	-30.280210	-0.008651	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	10	-23.474356	-0.006707	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	20	-39.772442	-0.011364	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	30	-27.678526	-0.007908	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	40	-15.947929	-0.004557	PASS
N78-345 0-3550	30	40	CP-QPSK	M	Outer_Full	NV	50	-23.863319	-0.006818	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	NV	-30	-22.212271	-0.006346	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	NV	-20	-21.573746	-0.006164	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	NV	-10	-21.422176	-0.006121	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	NV	0	-41.718864	-0.011920	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	NV	10	-36.986237	-0.010567	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	NV	20	-34.444252	-0.009841	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	NV	30	-24.361221	-0.006960	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	NV	40	-38.003529	-0.010858	PASS
N78-345 0-3550	30	40	CP-16QAM	M	Outer_Full	NV	50	-33.232315	-0.009495	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	-30	-25.115364	-0.007115	PASS
N78-345	30	40	CP-QPSK	H	Outer_Full	NV	-20	-29.634007	-0.008395	PASS



0-3550										
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	-10	-25.962856	-0.007355	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	0	-35.981403	-0.010193	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	10	-36.240128	-0.010266	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	20	-35.585194	-0.010081	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	30	-31.261822	-0.008856	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	40	-23.867956	-0.006761	PASS
N78-345 0-3550	30	40	CP-QPSK	H	Outer_Full	NV	50	-12.152664	-0.003443	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	NV	-30	-27.807968	-0.007878	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	NV	-20	-34.859894	-0.009875	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	NV	-10	-31.660852	-0.008969	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	NV	0	-36.417992	-0.010317	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	NV	10	-32.392864	-0.009176	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	NV	20	-29.749628	-0.008428	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	NV	30	-28.969162	-0.008207	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	NV	40	-25.042030	-0.007094	PASS
N78-345 0-3550	30	40	CP-16QAM	H	Outer_Full	NV	50	-18.658384	-0.005286	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	-30	-37.293087	-0.010732	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	-20	-45.409595	-0.013068	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	-10	-19.779167	-0.005692	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	0	-30.084600	-0.008657	PASS
N78-345	30	50	CP-QPSK	L	Outer_Full	NV	10	-34.886108	-0.010039	PASS

0-3550										
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	20	-34.137894	-0.009824	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	30	-32.848141	-0.009453	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	40	-25.736017	-0.007406	PASS
N78-345 0-3550	30	50	CP-QPSK	L	Outer_Full	NV	50	-34.607468	-0.009959	PASS
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	NV	-30	-37.114597	-0.010680	PASS
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	NV	-20	-41.684910	-0.011996	PASS
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	NV	-10	-44.691936	-0.012861	PASS
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	NV	0	-43.574532	-0.012539	PASS
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	NV	10	-20.019232	-0.005761	PASS
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	NV	20	-40.943054	-0.011782	PASS
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	NV	30	-17.377726	-0.005001	PASS
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	NV	40	-36.475002	-0.010496	PASS
N78-345 0-3550	30	50	CP-16QAM	L	Outer_Full	NV	50	-33.671154	-0.009690	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	-30	-23.477024	-0.006708	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	-20	-25.907278	-0.007402	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	-10	-19.031096	-0.005437	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	0	-26.561054	-0.007589	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	10	-28.979166	-0.008280	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	20	-32.437103	-0.009268	PASS
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	30	-37.253162	-0.010644	PASS
N78-345	30	50	CP-QPSK	M	Outer_Full	NV	40	-29.475609	-0.008422	PASS

0-3550										
N78-345 0-3550	30	50	CP-QPSK	M	Outer_Full	NV	50	-17.916281	-0.005119	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	NV	-30	-26.787960	-0.007654	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	NV	-20	-28.493519	-0.008141	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	NV	-10	-29.761230	-0.008503	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	NV	0	-31.002535	-0.008858	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	NV	10	-30.313845	-0.008661	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	NV	20	-26.170479	-0.007477	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	NV	30	-25.041370	-0.007155	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	NV	40	-24.990784	-0.007140	PASS
N78-345 0-3550	30	50	CP-16QAM	M	Outer_Full	NV	50	-43.858047	-0.012531	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	-30	-33.958870	-0.009634	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	-20	-27.658165	-0.007846	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	-10	-26.516838	-0.007523	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	0	-18.716856	-0.005310	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	10	-25.058428	-0.007109	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	20	-28.483860	-0.008081	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	30	-13.469991	-0.003821	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	40	-26.555922	-0.007534	PASS
N78-345 0-3550	30	50	CP-QPSK	H	Outer_Full	NV	50	-40.845062	-0.011587	PASS
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	NV	-30	-38.646389	-0.010964	PASS
N78-345	30	50	CP-16QAM	H	Outer_Full	NV	-20	-25.446108	-0.007219	PASS

0-3550										
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	NV	-10	-44.726883	-0.012688	PASS
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	NV	0	-24.687386	-0.007004	PASS
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	NV	10	-22.499872	-0.006383	PASS
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	NV	20	-25.770224	-0.007311	PASS
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	NV	30	-24.025431	-0.006816	PASS
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	NV	40	-20.494865	-0.005814	PASS
N78-345 0-3550	30	50	CP-16QAM	H	Outer_Full	NV	50	-37.386032	-0.010606	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	-30	-23.282106	-0.006690	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	-20	-12.422747	-0.003570	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	-10	-17.256096	-0.004959	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	0	-26.880285	-0.007724	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	10	-14.827182	-0.004261	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	20	-23.904024	-0.006869	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	30	-28.532688	-0.008199	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	40	-26.690140	-0.007670	PASS
N78-345 0-3550	30	60	CP-QPSK	L	Outer_Full	NV	50	-22.225292	-0.006387	PASS
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	NV	-30	-20.278894	-0.005827	PASS
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	NV	-20	-24.036049	-0.006907	PASS
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	NV	-10	-28.705063	-0.008249	PASS
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	NV	0	-30.682020	-0.008817	PASS
N78-345	30	60	CP-16QAM	L	Outer_Full	NV	10	-29.801310	-0.008564	PASS

0-3550										
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	NV	20	-30.555822	-0.008780	PASS
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	NV	30	-31.760805	-0.009127	PASS
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	NV	40	-32.828064	-0.009433	PASS
N78-345 0-3550	30	60	CP-16QAM	L	Outer_Full	NV	50	-9.987041	-0.002870	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	-30	-25.634558	-0.007324	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	-20	-17.276493	-0.004936	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	-10	-12.075089	-0.003450	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	0	-25.876503	-0.007393	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	10	-30.432089	-0.008695	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	20	-31.092255	-0.008883	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	30	-12.167252	-0.003476	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	40	-26.213131	-0.007489	PASS
N78-345 0-3550	30	60	CP-QPSK	M	Outer_Full	NV	50	-20.112202	-0.005746	PASS
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	NV	-30	-29.077503	-0.008308	PASS
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	NV	-20	-31.899715	-0.009114	PASS
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	NV	-10	-36.583477	-0.010452	PASS
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	NV	0	-39.116333	-0.011176	PASS
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	NV	10	-19.173746	-0.005478	PASS
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	NV	20	-21.455885	-0.006130	PASS
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	NV	30	-20.279522	-0.005794	PASS
N78-345	30	60	CP-16QAM	M	Outer_Full	NV	40	-18.090405	-0.005169	PASS

0-3550										
N78-345 0-3550	30	60	CP-16QAM	M	Outer_Full	NV	50	-14.534756	-0.004153	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	-30	-12.491704	-0.003549	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	-20	-18.100382	-0.005142	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	-10	-5.699237	-0.001619	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	0	-34.329334	-0.009753	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	10	-9.700747	-0.002756	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	20	-28.784218	-0.008177	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	30	-21.339834	-0.006062	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	40	-10.925063	-0.003104	PASS
N78-345 0-3550	30	60	CP-QPSK	H	Outer_Full	NV	50	-22.152044	-0.006293	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	NV	-30	-27.593737	-0.007839	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	NV	-20	-33.063507	-0.009393	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	NV	-10	-3.889548	-0.001105	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	NV	0	-29.066828	-0.008258	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	NV	10	-26.178156	-0.007437	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	NV	20	-22.627392	-0.006428	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	NV	30	-21.256229	-0.006039	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	NV	40	-12.560724	-0.003568	PASS
N78-345 0-3550	30	60	CP-16QAM	H	Outer_Full	NV	50	-5.556631	-0.001579	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	-30	-14.457547	-0.004143	PASS
N78-345	30	80	CP-QPSK	L	Outer_Full	NV	-20	-27.446100	-0.007864	PASS

0-3550										
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	-10	-28.573395	-0.008187	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	0	-13.100211	-0.003754	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	10	-18.720566	-0.005364	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	20	-14.135451	-0.004050	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	30	-10.329672	-0.002960	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	40	-22.272205	-0.006382	PASS
N78-345 0-3550	30	80	CP-QPSK	L	Outer_Full	NV	50	-4.480172	-0.001284	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	NV	-30	-16.705074	-0.004787	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	NV	-20	-32.543304	-0.009325	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	NV	-10	-3.066878	-0.000879	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	NV	0	-9.863375	-0.002826	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	NV	10	-21.880358	-0.006269	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	NV	20	-31.813791	-0.009116	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	NV	30	-17.372690	-0.004978	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	NV	40	-23.099022	-0.006619	PASS
N78-345 0-3550	30	80	CP-16QAM	L	Outer_Full	NV	50	-31.439528	-0.009008	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	-30	-29.065472	-0.008304	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	-20	-41.867840	-0.011962	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	-10	-38.371662	-0.010963	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	0	-28.009682	-0.008003	PASS
N78-345	30	80	CP-QPSK	M	Outer_Full	NV	10	-36.244717	-0.010356	PASS

0-3550										
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	20	-43.366638	-0.012390	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	30	-14.700697	-0.004200	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	40	-34.774799	-0.009936	PASS
N78-345 0-3550	30	80	CP-QPSK	M	Outer_Full	NV	50	-25.462458	-0.007275	PASS
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	NV	-30	-25.993866	-0.007427	PASS
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	NV	-20	-34.327278	-0.009808	PASS
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	NV	-10	-12.895945	-0.003685	PASS
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	NV	0	-20.819969	-0.005949	PASS
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	NV	10	-23.067299	-0.006591	PASS
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	NV	20	-23.630629	-0.006752	PASS
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	NV	30	-26.610765	-0.007603	PASS
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	NV	40	-21.659397	-0.006188	PASS
N78-345 0-3550	30	80	CP-16QAM	M	Outer_Full	NV	50	-18.895523	-0.005399	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	-30	-21.757317	-0.006199	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	-20	-33.523014	-0.009551	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	-10	-31.809460	-0.009063	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	0	-34.453018	-0.009816	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	10	-38.831345	-0.011063	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	20	-20.126169	-0.005734	PASS
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	30	-22.887386	-0.006521	PASS
N78-345	30	80	CP-QPSK	H	Outer_Full	NV	40	-19.471794	-0.005548	PASS



0-3550										
N78-345 0-3550	30	80	CP-QPSK	H	Outer_Full	NV	50	-42.570942	-0.012128	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	NV	-30	-5.320490	-0.001516	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	NV	-20	-13.112469	-0.003736	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	NV	-10	-24.632170	-0.007018	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	NV	0	-11.279054	-0.003213	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	NV	10	-19.093466	-0.005440	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	NV	20	0.911081	0.000260	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	NV	30	-24.185333	-0.006890	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	NV	40	-4.525412	-0.001289	PASS
N78-345 0-3550	30	80	CP-16QAM	H	Outer_Full	NV	50	-27.934744	-0.007959	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	-30	-27.183708	-0.007778	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	-20	-19.361952	-0.005540	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	-10	-29.619051	-0.008475	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	0	-14.760785	-0.004223	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	10	-27.827351	-0.007962	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	20	-16.846022	-0.004820	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	30	-22.854870	-0.006539	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	40	-26.690252	-0.007637	PASS
N78-345 0-3550	30	90	CP-QPSK	L	Outer_Full	NV	50	-22.340460	-0.006392	PASS
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	NV	-30	-13.568657	-0.003882	PASS
N78-345	30	90	CP-16QAM	L	Outer_Full	NV	-20	-16.628616	-0.004758	PASS

0-3550										
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	NV	-10	-15.200562	-0.004349	PASS
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	NV	0	-14.410860	-0.004123	PASS
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	NV	10	-10.340186	-0.002959	PASS
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	NV	20	-5.821160	-0.001666	PASS
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	NV	30	-20.240067	-0.005791	PASS
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	NV	40	-14.716363	-0.004211	PASS
N78-345 0-3550	30	90	CP-16QAM	L	Outer_Full	NV	50	-24.237822	-0.006935	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	-30	-41.570110	-0.011877	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	-20	-28.097656	-0.008028	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	-10	-28.861980	-0.008246	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	0	-45.249104	-0.012928	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	10	-25.198416	-0.007200	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	20	-26.551031	-0.007586	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	30	-44.398144	-0.012685	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	40	-32.856499	-0.009388	PASS
N78-345 0-3550	30	90	CP-QPSK	M	Outer_Full	NV	50	-19.204304	-0.005487	PASS
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	NV	-30	-14.031724	-0.004009	PASS
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	NV	-20	-31.092060	-0.008883	PASS
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	NV	-10	-43.840271	-0.012526	PASS
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	NV	0	-28.503126	-0.008144	PASS
N78-345	30	90	CP-16QAM	M	Outer_Full	NV	10	-35.514847	-0.010147	PASS

0-3550										
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	NV	20	-39.662346	-0.011332	PASS
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	NV	30	-12.887537	-0.003682	PASS
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	NV	40	-43.864986	-0.012533	PASS
N78-345 0-3550	30	90	CP-16QAM	M	Outer_Full	NV	50	-18.218752	-0.005205	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	-30	-33.583653	-0.009582	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	-20	-27.807617	-0.007934	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	-10	-19.415030	-0.005539	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	0	-25.240873	-0.007201	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	10	-24.696268	-0.007046	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	20	-32.466854	-0.009263	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	30	-22.906681	-0.006535	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	40	-21.936584	-0.006259	PASS
N78-345 0-3550	30	90	CP-QPSK	H	Outer_Full	NV	50	-37.442825	-0.010683	PASS
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	NV	-30	-13.958817	-0.003983	PASS
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	NV	-20	-17.164965	-0.004897	PASS
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	NV	-10	-18.786762	-0.005360	PASS
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	NV	0	-12.760455	-0.003641	PASS
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	NV	10	-12.762292	-0.003641	PASS
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	NV	20	-25.908602	-0.007392	PASS
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	NV	30	-37.435909	-0.010681	PASS
N78-345	30	90	CP-16QAM	H	Outer_Full	NV	40	-35.104313	-0.010016	PASS

0-3550										
N78-345 0-3550	30	90	CP-16QAM	H	Outer_Full	NV	50	-26.426271	-0.007540	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	NV	-30	-28.414053	-0.008118	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	NV	-20	-23.312058	-0.006661	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	NV	-10	-18.837776	-0.005382	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	NV	0	-20.467596	-0.005848	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	NV	10	-14.254514	-0.004073	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	NV	20	-20.939980	-0.005983	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	NV	30	-43.214626	-0.012347	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	NV	40	-22.961638	-0.006560	PASS
N78-345 0-3550	30	100	CP-QPSK	L	Outer_Full	NV	50	-20.136137	-0.005753	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	NV	-30	-36.313564	-0.010375	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	NV	-20	-17.968481	-0.005134	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	NV	-10	-34.014980	-0.009719	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	NV	0	-31.621326	-0.009035	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	NV	10	-29.257072	-0.008359	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	NV	20	-48.214802	-0.013776	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	NV	30	-38.438629	-0.010982	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	NV	40	-27.758608	-0.007931	PASS
N78-345 0-3550	30	100	CP-16QAM	L	Outer_Full	NV	50	-21.502407	-0.006144	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	-30	-16.463966	-0.004704	PASS
N78-345	30	100	CP-QPSK	M	Outer_Full	NV	-20	-42.116455	-0.012033	PASS

0-3550										
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	-10	-27.728228	-0.007922	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	0	-31.839079	-0.009097	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	10	-54.531857	-0.015580	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	20	-21.262297	-0.006075	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	30	-22.117601	-0.006319	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	40	-24.802729	-0.007086	PASS
N78-345 0-3550	30	100	CP-QPSK	M	Outer_Full	NV	50	-45.232456	-0.012924	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	NV	-30	-36.199356	-0.010343	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	NV	-20	-33.319046	-0.009520	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	NV	-10	-29.803944	-0.008515	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	NV	0	-29.856087	-0.008530	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	NV	10	-29.428871	-0.008408	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	NV	20	-26.004505	-0.007430	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	NV	30	-25.425831	-0.007265	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	NV	40	-26.204987	-0.007487	PASS
N78-345 0-3550	30	100	CP-16QAM	M	Outer_Full	NV	50	-20.770451	-0.005934	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	NV	-30	-27.463728	-0.007847	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	NV	-20	-23.651350	-0.006758	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	NV	-10	-22.655338	-0.006473	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	NV	0	-33.370071	-0.009534	PASS
N78-345	30	100	CP-QPSK	H	Outer_Full	NV	10	-30.805904	-0.008802	PASS

0-3550										
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	NV	20	-20.365072	-0.005819	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	NV	30	-15.772492	-0.004506	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	NV	40	-12.779109	-0.003651	PASS
N78-345 0-3550	30	100	CP-QPSK	H	Outer_Full	NV	50	-43.128170	-0.012322	PASS
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	NV	-30	-21.512791	-0.006146	PASS
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	NV	-20	-14.729179	-0.004208	PASS
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	NV	-10	-28.707808	-0.008202	PASS
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	NV	0	-20.858871	-0.005960	PASS
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	NV	10	-36.861206	-0.010532	PASS
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	NV	20	-12.810486	-0.003660	PASS
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	NV	30	-22.798010	-0.006514	PASS
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	NV	40	-14.687835	-0.004197	PASS
N78-345 0-3550	30	100	CP-16QAM	H	Outer_Full	NV	50	-23.471565	-0.006706	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	-30	-24.902945	-0.007146	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	-20	-26.362051	-0.007564	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	-10	-20.949528	-0.006011	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	0	-34.211330	-0.009817	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	10	-25.626759	-0.007353	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	20	-36.353413	-0.010431	PASS
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	30	-25.586554	-0.007342	PASS
N78-345	30	70	CP-QPSK	L	Outer_Full	NV	40	-35.292446	-0.010127	PASS

0-3550										
N78-345 0-3550	30	70	CP-QPSK	L	Outer_Full	NV	50	-21.479338	-0.006163	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	NV	-30	-32.886448	-0.009437	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	NV	-20	-43.801144	-0.012568	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	NV	-10	-30.709551	-0.008812	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	NV	0	-18.198732	-0.005222	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	NV	10	-28.594313	-0.008205	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	NV	20	-39.066017	-0.011210	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	NV	30	-28.922745	-0.008299	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	NV	40	-39.285034	-0.011273	PASS
N78-345 0-3550	30	70	CP-16QAM	L	Outer_Full	NV	50	-27.359364	-0.007851	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	-30	-40.862518	-0.011675	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	-20	-32.586628	-0.009310	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	-10	-20.884777	-0.005967	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	0	-21.476715	-0.006136	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	10	-45.315201	-0.012947	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	20	-38.307278	-0.010945	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	30	-35.174221	-0.010050	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	40	-47.785378	-0.013653	PASS
N78-345 0-3550	30	70	CP-QPSK	M	Outer_Full	NV	50	-36.898125	-0.010542	PASS
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	NV	-30	-27.840221	-0.007954	PASS
N78-345	30	70	CP-16QAM	M	Outer_Full	NV	-20	-33.204075	-0.009487	PASS

0-3550										
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	NV	-10	-18.032301	-0.005152	PASS
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	NV	0	-23.542463	-0.006726	PASS
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	NV	10	-23.782530	-0.006795	PASS
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	NV	20	-29.221521	-0.008349	PASS
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	NV	30	-11.560964	-0.003303	PASS
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	NV	40	-15.695519	-0.004484	PASS
N78-345 0-3550	30	70	CP-16QAM	M	Outer_Full	NV	50	-16.861258	-0.004817	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	-30	-46.715912	-0.013290	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	-20	-18.981279	-0.005400	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	-10	-37.479580	-0.010663	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	0	-21.761456	-0.006191	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	10	-28.163404	-0.008012	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	20	-28.070559	-0.007986	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	30	-23.602160	-0.006715	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	40	-23.250412	-0.006615	PASS
N78-345 0-3550	30	70	CP-QPSK	H	Outer_Full	NV	50	-39.724461	-0.011301	PASS
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	NV	-30	-34.120422	-0.009707	PASS
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	NV	-20	-19.886629	-0.005658	PASS
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	NV	-10	-35.876141	-0.010207	PASS
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	NV	0	-44.952412	-0.012789	PASS
N78-345	30	70	CP-16QAM	H	Outer_Full	NV	10	-30.775164	-0.008755	PASS



0-3550										
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	NV	20	-44.501343	-0.012660	PASS
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	NV	30	-23.637341	-0.006725	PASS
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	NV	40	-34.981045	-0.009952	PASS
N78-345 0-3550	30	70	CP-16QAM	H	Outer_Full	NV	50	-43.776760	-0.012454	PASS