















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
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	VL	NT	-5.01	0.00	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	VN	NT	-6.40	0.00	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	VH	NT	-17.31	0.00	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	VL	NT	-3.25	0.00	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	VN	NT	-4.04	0.00	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	VH	NT	-12.80	0.00	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	VL	NT	-3.59	0.00	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	VN	NT	-2.28	0.00	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	VH	NT	5.59	0.00	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	VL	NT	-18.29	0.00	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	VN	NT	-13.64	0.00	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	VH	NT	-7.78	0.00	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	VL	NT	-4.61	0.00	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	VN	NT	-14.37	0.00	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	VH	NT	-10.96	0.00	PASS
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	VL	NT	-15.85	0.00	PASS
N78-370	30	20	CP-QPSK	H	Outer_Full	VN	NT	-23.44	-0.01	PASS

0-3800										
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	VH	NT	-9.83	0.00	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	VL	NT	-16.45	0.00	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	VN	NT	4.31	0.00	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	VH	NT	-13.01	0.00	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	VL	NT	-7.17	0.00	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	VN	NT	-0.22	0.00	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	VH	NT	-11.57	0.00	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	VL	NT	-11.06	0.00	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	VN	NT	1.03	0.00	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	VH	NT	5.60	0.00	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	VL	NT	2.63	0.00	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	VN	NT	-12.76	0.00	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	VH	NT	-5.34	0.00	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	VL	NT	-7.33	0.00	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	VN	NT	-1.07	0.00	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	VH	NT	-9.99	0.00	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	VL	NT	-21.48	-0.01	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	VN	NT	5.49	0.00	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	VH	NT	-13.63	0.00	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	VL	NT	-7.24	0.00	PASS
N78-370	30	50	DFT-QPSK	L	Outer_Full	VN	NT	-15.16	0.00	PASS

0-3800										
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	VH	NT	13.77	0.00	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	VL	NT	-15.40	0.00	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	VN	NT	-13.02	0.00	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	VH	NT	16.56	0.00	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	VL	NT	-3.39	0.00	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	VN	NT	-2.65	0.00	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	VH	NT	-5.47	0.00	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	VL	NT	-19.57	-0.01	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	VN	NT	1.39	0.00	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	VH	NT	-7.11	0.00	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	VL	NT	-1.10	0.00	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	VN	NT	1.13	0.00	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	VH	NT	0.39	0.00	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	VL	NT	-19.67	-0.01	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	VN	NT	-1.50	0.00	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	VH	NT	-12.51	0.00	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	VL	NT	1.17	0.00	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	VN	NT	-5.25	0.00	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	VH	NT	7.87	0.00	PASS
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	VL	NT	-9.60	0.00	PASS
N78-370	30	60	CP-QPSK	L	Outer_Full	VN	NT	-1.32	0.00	PASS

0-3800										
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	VH	NT	3.76	0.00	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	VL	NT	2.57	0.00	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	VN	NT	-10.62	0.00	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	VH	NT	-17.93	0.00	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	VL	NT	-9.31	0.00	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	VN	NT	-6.99	0.00	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	VH	NT	-6.50	0.00	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	VL	NT	-28.64	-0.01	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	VN	NT	-8.17	0.00	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	VH	NT	-18.30	0.00	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	VL	NT	-5.92	0.00	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	VN	NT	-24.00	-0.01	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	VH	NT	-11.75	0.00	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	VL	NT	-3.19	0.00	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	VN	NT	1.96	0.00	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	VH	NT	-14.02	0.00	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	VL	NT	3.34	0.00	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	VN	NT	-12.66	0.00	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	VH	NT	8.81	0.00	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	VL	NT	-20.42	-0.01	PASS
N78-370	30	80	DFT-QPSK	M	Outer_Full	VN	NT	7.10	0.00	PASS

0-3800										
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	VH	NT	-16.24	0.00	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	VL	NT	-3.44	0.00	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	VN	NT	-12.63	0.00	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	VH	NT	-18.35	0.00	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	VL	NT	-6.59	0.00	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	VN	NT	1.98	0.00	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	VH	NT	-7.62	0.00	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	VL	NT	-10.80	0.00	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	VN	NT	-6.83	0.00	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	VH	NT	-5.92	0.00	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	VL	NT	7.62	0.00	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	VN	NT	1.39	0.00	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	VH	NT	11.46	0.00	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	VL	NT	10.67	0.00	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	VN	NT	17.06	0.00	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	VH	NT	0.92	0.00	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	VL	NT	-10.71	0.00	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	VN	NT	-18.79	-0.01	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	VH	NT	-7.31	0.00	PASS
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	VL	NT	-8.13	0.00	PASS
N78-370	30	90	CP-QPSK	M	Outer_Full	VN	NT	-2.12	0.00	PASS

0-3800										
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	VH	NT	-2.33	0.00	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	VL	NT	-17.40	0.00	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	VN	NT	-27.87	-0.01	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	VH	NT	-16.41	0.00	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	VL	NT	-4.96	0.00	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	VN	NT	-11.22	0.00	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	VH	NT	-5.51	0.00	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	VL	NT	-1.30	0.00	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	VN	NT	-5.27	0.00	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	VH	NT	1.26	0.00	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	VL	NT	7.88	0.00	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	VN	NT	4.07	0.00	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	VH	NT	-3.44	0.00	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	VL	NT	13.73	0.00	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	VN	NT	7.46	0.00	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	VH	NT	6.51	0.00	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	VL	NT	1.22	0.00	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	VN	NT	-5.00	0.00	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	VH	NT	10.49	0.00	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	VL	NT	5.10	0.00	PASS
N78-370	30	100	DFT-QPSK	H	Outer_Full	VN	NT	-15.91	0.00	PASS

0-3800										
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	VH	NT	8.73	0.00	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	VL	NT	3.07	0.00	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	VN	NT	6.35	0.00	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	VH	NT	-1.22	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	-30	-16.796495	-0.004527	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	-20	4.769390	0.001286	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	-10	6.405836	0.001727	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	0	-16.289711	-0.004391	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	10	-7.375641	-0.001988	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	20	2.046010	0.000551	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	30	11.664915	0.003144	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	40	-6.229675	-0.001679	PASS
N78-370 0-3800	30	20	DFT-QPSK	L	Outer_Full	NV	50	3.960192	0.001067	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	NV	-30	2.545108	0.000686	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	NV	-20	0.468970	0.000126	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	NV	-10	-5.958500	-0.001606	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	NV	0	-12.231186	-0.003297	PASS

N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	NV	10	3.924327	0.001058	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	NV	20	-4.188060	-0.001129	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	NV	30	-9.942596	-0.002680	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	NV	40	0.686854	0.000185	PASS
N78-370 0-3800	30	20	CP-QPSK	L	Outer_Full	NV	50	-2.345043	-0.000632	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	-30	6.169523	0.001645	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	-20	2.355151	0.000628	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	-10	-11.389398	-0.003037	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	0	0.127665	0.000034	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	10	2.582523	0.000689	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	20	-12.316694	-0.003284	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	30	-6.983549	-0.001862	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	40	-7.596029	-0.002026	PASS
N78-370 0-3800	30	20	DFT-QPSK	M	Outer_Full	NV	50	0.912473	0.000243	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	NV	-30	-12.969975	-0.003459	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	NV	-20	-1.394896	-0.000372	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	NV	-10	-7.772772	-0.002073	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	NV	0	-13.693079	-0.003651	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	NV	10	-9.315982	-0.002484	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	NV	20	0.989639	0.000264	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	NV	30	-4.584584	-0.001223	PASS

N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	NV	40	-3.588885	-0.000957	PASS
N78-370 0-3800	30	20	CP-QPSK	M	Outer_Full	NV	50	-8.558196	-0.002282	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	-30	-0.222584	-0.000059	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	-20	-2.566460	-0.000677	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	-10	-2.361683	-0.000623	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	0	-9.649056	-0.002546	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	10	2.107658	0.000556	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	20	1.080630	0.000285	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	30	3.218816	0.000849	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	40	-4.355507	-0.001149	PASS
N78-370 0-3800	30	20	DFT-QPSK	H	Outer_Full	NV	50	-1.463069	-0.000386	PASS
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	NV	-30	-3.675912	-0.000970	PASS
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	NV	-20	-9.739504	-0.002570	PASS
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	NV	-10	4.487623	0.001184	PASS
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	NV	0	1.650678	0.000436	PASS
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	NV	10	-12.906754	-0.003405	PASS
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	NV	20	-2.867965	-0.000757	PASS
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	NV	30	-11.485209	-0.003030	PASS
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	NV	40	-5.190951	-0.001370	PASS
N78-370 0-3800	30	20	CP-QPSK	H	Outer_Full	NV	50	-5.508914	-0.001454	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	-30	-16.118395	-0.004333	PASS

N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	-20	0.062949	0.000017	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	-10	-7.844083	-0.002109	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	0	-14.500425	-0.003898	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	10	1.504208	0.000404	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	20	7.567115	0.002034	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	30	8.700140	0.002339	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	40	-0.077616	-0.000021	PASS
N78-370 0-3800	30	40	DFT-QPSK	L	Outer_Full	NV	50	-5.152194	-0.001385	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	NV	-30	12.929557	0.003476	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	NV	-20	-1.856771	-0.000499	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	NV	-10	4.037475	0.001085	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	NV	0	-10.128160	-0.002723	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	NV	10	1.441244	0.000387	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	NV	20	2.658740	0.000715	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	NV	30	3.373855	0.000907	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	NV	40	8.320833	0.002237	PASS
N78-370 0-3800	30	40	CP-QPSK	L	Outer_Full	NV	50	-9.754437	-0.002622	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	-30	-5.586492	-0.001490	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	-20	-11.698756	-0.003120	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	-10	-7.047375	-0.001879	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	0	-0.757279	-0.000202	PASS

N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	10	-1.485421	-0.000396	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	20	-6.294790	-0.001679	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	30	-7.470553	-0.001992	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	40	-8.622754	-0.002299	PASS
N78-370 0-3800	30	40	DFT-QPSK	M	Outer_Full	NV	50	-5.221934	-0.001393	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	NV	-30	-2.067707	-0.000551	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	NV	-20	-6.528236	-0.001741	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	NV	-10	-2.438314	-0.000650	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	NV	0	-1.706264	-0.000455	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	NV	10	1.890790	0.000504	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	NV	20	-5.649571	-0.001507	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	NV	30	-18.787790	-0.005010	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	NV	40	-14.507107	-0.003869	PASS
N78-370 0-3800	30	40	CP-QPSK	M	Outer_Full	NV	50	-1.614559	-0.000431	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	-30	-19.263195	-0.005096	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	-20	-4.233693	-0.001120	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	-10	4.551534	0.001204	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	0	-6.682272	-0.001768	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	10	-6.662373	-0.001763	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	20	-22.192259	-0.005871	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	30	-19.961123	-0.005281	PASS

N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	40	-11.348784	-0.003002	PASS
N78-370 0-3800	30	40	DFT-QPSK	H	Outer_Full	NV	50	-9.711360	-0.002569	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	NV	-30	-12.843017	-0.003398	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	NV	-20	3.160341	0.000836	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	NV	-10	-18.410854	-0.004871	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	NV	0	-13.906316	-0.003679	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	NV	10	-1.890949	-0.000500	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	NV	20	-12.809364	-0.003389	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	NV	30	-2.643507	-0.000699	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	NV	40	-1.515638	-0.000401	PASS
N78-370 0-3800	30	40	CP-QPSK	H	Outer_Full	NV	50	9.669406	0.002558	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	-30	-3.023031	-0.000812	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	-20	-6.971015	-0.001871	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	-10	-2.302103	-0.000618	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	0	-1.003481	-0.000269	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	10	10.055478	0.002699	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	20	-5.049889	-0.001356	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	30	1.128996	0.000303	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	40	-22.395542	-0.006012	PASS
N78-370 0-3800	30	50	DFT-QPSK	L	Outer_Full	NV	50	-9.037009	-0.002426	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	NV	-30	-1.260323	-0.000338	PASS

N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	NV	-20	-16.000603	-0.004295	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	NV	-10	-5.326002	-0.001430	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	NV	0	12.235703	0.003285	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	NV	10	0.424459	0.000114	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	NV	20	-3.056181	-0.000820	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	NV	30	-6.491096	-0.001743	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	NV	40	0.596014	0.000160	PASS
N78-370 0-3800	30	50	CP-QPSK	L	Outer_Full	NV	50	-0.208148	-0.000056	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	-30	-7.472073	-0.001993	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	-20	-8.712326	-0.002323	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	-10	-13.756943	-0.003669	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	0	0.164566	0.000044	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	10	-16.647768	-0.004439	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	20	1.459384	0.000389	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	30	-4.152604	-0.001107	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	40	0.525985	0.000140	PASS
N78-370 0-3800	30	50	DFT-QPSK	M	Outer_Full	NV	50	-16.099350	-0.004293	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	NV	-30	-30.656895	-0.008175	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	NV	-20	-6.019957	-0.001605	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	NV	-10	-5.603213	-0.001494	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	NV	0	-10.264534	-0.002737	PASS

N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	NV	10	-10.123784	-0.002700	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	NV	20	-4.930886	-0.001315	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	NV	30	-13.725127	-0.003660	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	NV	40	-11.881362	-0.003168	PASS
N78-370 0-3800	30	50	CP-QPSK	M	Outer_Full	NV	50	-11.281216	-0.003008	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	-30	-7.090003	-0.001878	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	-20	-19.632132	-0.005201	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	-10	-16.182098	-0.004287	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	0	-7.191743	-0.001905	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	10	-4.903924	-0.001299	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	20	-9.379453	-0.002485	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	30	4.018275	0.001064	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	40	-8.649833	-0.002291	PASS
N78-370 0-3800	30	50	DFT-QPSK	H	Outer_Full	NV	50	-0.126908	-0.000034	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	NV	-30	5.467733	0.001448	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	NV	-20	-15.143812	-0.004012	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	NV	-10	-14.428548	-0.003822	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	NV	0	-15.787031	-0.004182	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	NV	10	-5.712284	-0.001513	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	NV	20	-1.894411	-0.000502	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	NV	30	-6.098840	-0.001616	PASS

N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	NV	40	-1.917415	-0.000508	PASS
N78-370 0-3800	30	50	CP-QPSK	H	Outer_Full	NV	50	-20.302162	-0.005378	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	-30	-9.402922	-0.002521	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	-20	-2.778427	-0.000745	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	-10	-4.795146	-0.001286	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	0	-16.034145	-0.004299	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	10	-5.439481	-0.001458	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	20	-0.228166	-0.000061	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	30	-12.188514	-0.003268	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	40	-3.863553	-0.001036	PASS
N78-370 0-3800	30	60	DFT-QPSK	L	Outer_Full	NV	50	2.567253	0.000688	PASS
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	NV	-30	-10.178121	-0.002729	PASS
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	NV	-20	-8.937164	-0.002396	PASS
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	NV	-10	-2.419881	-0.000649	PASS
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	NV	0	-0.701686	-0.000188	PASS
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	NV	10	-4.336104	-0.001162	PASS
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	NV	20	-0.273924	-0.000073	PASS
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	NV	30	-11.670376	-0.003129	PASS
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	NV	40	-6.043750	-0.001620	PASS
N78-370 0-3800	30	60	CP-QPSK	L	Outer_Full	NV	50	-23.504099	-0.006301	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	-30	2.434247	0.000649	PASS

N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	-20	-18.805395	-0.005015	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	-10	-10.492691	-0.002798	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	0	-5.730381	-0.001528	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	10	-0.583548	-0.000156	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	20	-2.353230	-0.000628	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	30	-12.171609	-0.003246	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	40	-5.905891	-0.001575	PASS
N78-370 0-3800	30	60	DFT-QPSK	M	Outer_Full	NV	50	-23.334713	-0.006223	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	NV	-30	-12.604013	-0.003361	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	NV	-20	-8.920861	-0.002379	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	NV	-10	-23.916536	-0.006378	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	NV	0	-24.400856	-0.006507	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	NV	10	-10.610739	-0.002830	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	NV	20	-6.405556	-0.001708	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	NV	30	-10.807833	-0.002882	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	NV	40	5.550149	0.001480	PASS
N78-370 0-3800	30	60	CP-QPSK	M	Outer_Full	NV	50	-2.598379	-0.000693	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	-30	-10.836770	-0.002874	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	-20	-5.370431	-0.001425	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	-10	-15.546083	-0.004124	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	0	-11.083708	-0.002940	PASS

N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	10	-1.768995	-0.000469	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	20	-9.873743	-0.002619	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	30	-13.361958	-0.003544	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	40	-11.652361	-0.003091	PASS
N78-370 0-3800	30	60	DFT-QPSK	H	Outer_Full	NV	50	-26.178480	-0.006944	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	NV	-30	-7.120010	-0.001889	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	NV	-20	4.755629	0.001261	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	NV	-10	-24.244596	-0.006431	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	NV	0	-22.905462	-0.006076	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	NV	10	7.567479	0.002007	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	NV	20	-16.684687	-0.004426	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	NV	30	-9.008312	-0.002389	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	NV	40	-9.882195	-0.002621	PASS
N78-370 0-3800	30	60	CP-QPSK	H	Outer_Full	NV	50	-23.011478	-0.006104	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	-30	-11.106470	-0.002970	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	-20	-9.215423	-0.002464	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	-10	-5.704611	-0.001525	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	0	-6.967905	-0.001863	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	10	-15.188241	-0.004061	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	20	-13.753349	-0.003677	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	30	-10.352585	-0.002768	PASS

N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	40	0.541730	0.000145	PASS
N78-370 0-3800	30	80	DFT-QPSK	L	Outer_Full	NV	50	2.447104	0.000654	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	NV	-30	4.082922	0.001092	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	NV	-20	3.086830	0.000825	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	NV	-10	-1.427335	-0.000382	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	NV	0	-1.755176	-0.000469	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	NV	10	9.336356	0.002496	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	NV	20	4.370903	0.001169	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	NV	30	1.633289	0.000437	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	NV	40	9.386661	0.002510	PASS
N78-370 0-3800	30	80	CP-QPSK	L	Outer_Full	NV	50	-10.743497	-0.002873	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	-30	-9.583974	-0.002556	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	-20	-27.862362	-0.007430	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	-10	-4.695246	-0.001252	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	0	-17.814831	-0.004751	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	10	-10.868567	-0.002898	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	20	2.462128	0.000657	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	30	-15.895887	-0.004239	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	40	-2.465157	-0.000657	PASS
N78-370 0-3800	30	80	DFT-QPSK	M	Outer_Full	NV	50	-9.721942	-0.002593	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	NV	-30	-14.003306	-0.003734	PASS

N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	NV	-20	-12.359787	-0.003296	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	NV	-10	8.630354	0.002301	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	NV	0	-21.152613	-0.005641	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	NV	10	-2.996204	-0.000799	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	NV	20	-6.607498	-0.001762	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	NV	30	-22.625483	-0.006033	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	NV	40	-6.256022	-0.001668	PASS
N78-370 0-3800	30	80	CP-QPSK	M	Outer_Full	NV	50	9.623020	0.002566	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	-30	-18.995823	-0.005052	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	-20	-12.147038	-0.003231	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	-10	-0.151638	-0.000040	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	0	-11.344435	-0.003017	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	10	-5.774541	-0.001536	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	20	1.129255	0.000300	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	30	-7.505355	-0.001996	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	40	-18.043726	-0.004799	PASS
N78-370 0-3800	30	80	DFT-QPSK	H	Outer_Full	NV	50	-0.372432	-0.000099	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	NV	-30	-15.629519	-0.004157	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	NV	-20	-9.026319	-0.002401	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	NV	-10	-14.158328	-0.003766	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	NV	0	-15.049610	-0.004003	PASS

N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	NV	10	0.790996	0.000210	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	NV	20	5.174091	0.001376	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	NV	30	9.309510	0.002476	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	NV	40	-8.172684	-0.002174	PASS
N78-370 0-3800	30	80	CP-QPSK	H	Outer_Full	NV	50	-3.385590	-0.000900	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	-30	4.025024	0.001075	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	-20	4.392441	0.001173	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	-10	-0.662230	-0.000177	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	0	12.568340	0.003356	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	10	-5.889652	-0.001573	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	20	12.041689	0.003215	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	30	4.429059	0.001183	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	40	-5.925931	-0.001582	PASS
N78-370 0-3800	30	90	DFT-QPSK	L	Outer_Full	NV	50	-5.834898	-0.001558	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	NV	-30	-0.954596	-0.000255	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	NV	-20	6.913602	0.001846	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	NV	-10	13.995738	0.003737	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	NV	0	-3.976946	-0.001062	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	NV	10	8.486143	0.002266	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	NV	20	6.569346	0.001754	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	NV	30	12.762715	0.003408	PASS

N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	NV	40	-1.806967	-0.000482	PASS
N78-370 0-3800	30	90	CP-QPSK	L	Outer_Full	NV	50	20.506891	0.005476	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	-30	3.787458	0.001010	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	-20	-10.979054	-0.002928	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	-10	0.410708	0.000110	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	0	-2.966315	-0.000791	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	10	-5.315866	-0.001418	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	20	-15.724749	-0.004193	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	30	-1.729267	-0.000461	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	40	-1.318148	-0.000352	PASS
N78-370 0-3800	30	90	DFT-QPSK	M	Outer_Full	NV	50	-0.614858	-0.000164	PASS
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	NV	-30	7.465917	0.001991	PASS
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	NV	-20	-1.344863	-0.000359	PASS
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	NV	-10	-7.958705	-0.002122	PASS
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	NV	0	-17.476221	-0.004660	PASS
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	NV	10	4.537658	0.001210	PASS
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	NV	20	-6.431995	-0.001715	PASS
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	NV	30	3.083957	0.000822	PASS
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	NV	40	-12.023103	-0.003206	PASS
N78-370 0-3800	30	90	CP-QPSK	M	Outer_Full	NV	50	-10.105673	-0.002695	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	-30	-4.449111	-0.001185	PASS

N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	-20	-4.396606	-0.001171	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	-10	-10.336908	-0.002753	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	0	-15.232277	-0.004057	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	10	-5.521321	-0.001470	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	20	-4.621932	-0.001231	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	30	-17.653593	-0.004701	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	40	-6.304289	-0.001679	PASS
N78-370 0-3800	30	90	DFT-QPSK	H	Outer_Full	NV	50	-8.833550	-0.002352	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	NV	-30	-9.913599	-0.002640	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	NV	-20	-5.383372	-0.001434	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	NV	-10	0.694844	0.000185	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	NV	0	-8.342699	-0.002222	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	NV	10	-3.642728	-0.000970	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	NV	20	-13.830798	-0.003683	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	NV	30	-1.878578	-0.000500	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	NV	40	-14.259289	-0.003797	PASS
N78-370 0-3800	30	90	CP-QPSK	H	Outer_Full	NV	50	-5.360301	-0.001428	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	-30	6.170708	0.001646	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	-20	-7.858522	-0.002096	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	-10	1.017799	0.000271	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	0	0.131788	0.000035	PASS

N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	10	-5.778210	-0.001541	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	20	8.586642	0.002290	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	30	-10.959481	-0.002923	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	40	-10.281766	-0.002742	PASS
N78-370 0-3800	30	100	DFT-QPSK	L	Outer_Full	NV	50	0.448046	0.000119	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	NV	-30	-2.592849	-0.000691	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	NV	-20	-12.632379	-0.003369	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	NV	-10	2.344304	0.000625	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	NV	0	1.585670	0.000423	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	NV	10	-5.063610	-0.001350	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	NV	20	6.786775	0.001810	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	NV	30	-8.160137	-0.002176	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	NV	40	19.707817	0.005255	PASS
N78-370 0-3800	30	100	CP-QPSK	L	Outer_Full	NV	50	-2.895221	-0.000772	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	-30	0.410579	0.000109	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	-20	5.352015	0.001427	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	-10	-4.576982	-0.001221	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	0	-8.552460	-0.002281	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	10	18.495909	0.004932	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	20	-4.073404	-0.001086	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	30	3.094812	0.000825	PASS

N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	40	22.804619	0.006081	PASS
N78-370 0-3800	30	100	DFT-QPSK	M	Outer_Full	NV	50	9.538794	0.002544	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	-30	15.476272	0.004127	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	-20	-5.222826	-0.001393	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	-10	-3.581942	-0.000955	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	0	3.456148	0.000922	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	10	-11.728772	-0.003128	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	20	8.435338	0.002249	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	30	-13.392308	-0.003571	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	40	8.583884	0.002289	PASS
N78-370 0-3800	30	100	CP-QPSK	M	Outer_Full	NV	50	8.484746	0.002263	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	-30	4.831580	0.001288	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	-20	2.320441	0.000619	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	-10	-12.923020	-0.003446	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	0	13.466151	0.003591	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	10	-2.888490	-0.000770	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	20	-0.366192	-0.000098	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	30	0.574733	0.000153	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	40	1.504407	0.000401	PASS
N78-370 0-3800	30	100	DFT-QPSK	H	Outer_Full	NV	50	5.648805	0.001506	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	NV	-30	-2.283071	-0.000609	PASS

N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	NV	-20	8.404033	0.002241	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	NV	-10	-3.449128	-0.000920	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	NV	0	8.577927	0.002287	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	NV	10	-13.062511	-0.003483	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	NV	20	-4.711823	-0.001256	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	NV	30	-2.905652	-0.000775	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	NV	40	-5.364184	-0.001430	PASS
N78-370 0-3800	30	100	CP-QPSK	H	Outer_Full	NV	50	-11.010059	-0.002936	PASS

Appendix F: Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N78-3700-3800	30	20	DFT-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	20	CP-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	20	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	20	DFT-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	20	CP-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	40	DFT-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	40	CP-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	40	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	40	DFT-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	40	CP-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	50	DFT-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	50	CP-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	50	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	50	DFT-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	50	CP-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	60	DFT-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	60	CP-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	60	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	60	DFT-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	60	CP-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	80	DFT-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	80	CP-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	80	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	80	DFT-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	80	CP-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	90	DFT-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	90	CP-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	90	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	90	DFT-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	90	CP-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	100	DFT-QPSK	L	Outer_Full	see graph	PASS

N78-3700-3800	30	100	CP-QPSK	L	Outer_Full	see graph	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	see graph	PASS
N78-3700-3800	30	100	DFT-QPSK	H	Outer_Full	see graph	PASS
N78-3700-3800	30	100	CP-QPSK	H	Outer_Full	see graph	PASS

Test Graphs





















