







Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	20	CP-QPSK	L	Outer_Full	VL	NT	-19.24	-0.01	PASS
N41	30	20	CP-QPSK	L	Outer_Full	VN	NT	-22.80	-0.01	PASS
N41	30	20	CP-QPSK	L	Outer_Full	VH	NT	-24.08	-0.01	PASS
N41	30	20	CP-16QAM	L	Outer_Full	VL	NT	-22.97	-0.01	PASS
N41	30	20	CP-16QAM	L	Outer_Full	VN	NT	-24.16	-0.01	PASS
N41	30	20	CP-16QAM	L	Outer_Full	VH	NT	-24.93	-0.01	PASS
N41	30	20	CP-QPSK	M	Outer_Full	VL	NT	-21.96	-0.01	PASS
N41	30	20	CP-QPSK	M	Outer_Full	VN	NT	-13.23	-0.01	PASS
N41	30	20	CP-QPSK	M	Outer_Full	VH	NT	-20.48	-0.01	PASS
N41	30	20	CP-16QAM	M	Outer_Full	VL	NT	-19.03	-0.01	PASS
N41	30	20	CP-16QAM	M	Outer_Full	VN	NT	-3.83	0.00	PASS
N41	30	20	CP-16QAM	M	Outer_Full	VH	NT	-11.56	0.00	PASS
N41	30	20	CP-QPSK	H	Outer_Full	VL	NT	-11.69	0.00	PASS
N41	30	20	CP-QPSK	H	Outer_Full	VN	NT	-18.64	-0.01	PASS
N41	30	20	CP-QPSK	H	Outer_Full	VH	NT	-21.64	-0.01	PASS
N41	30	20	CP-16QAM	H	Outer_Full	VL	NT	-6.75	0.00	PASS
N41	30	20	CP-16QAM	H	Outer_Full	VN	NT	-3.25	0.00	PASS
N41	30	20	CP-16QAM	H	Outer_Full	VH	NT	-15.10	-0.01	PASS
N41	30	40	CP-QPSK	L	Outer_Full	VL	NT	-14.70	-0.01	PASS
N41	30	40	CP-QPSK	L	Outer_Full	VN	NT	-16.11	-0.01	PASS
N41	30	40	CP-QPSK	L	Outer_Full	VH	NT	-23.57	-0.01	PASS
N41	30	40	CP-16QAM	L	Outer_Full	VL	NT	-30.14	-0.01	PASS
N41	30	40	CP-16QAM	L	Outer_Full	VN	NT	-17.66	-0.01	PASS
N41	30	40	CP-16QAM	L	Outer_Full	VH	NT	-26.98	-0.01	PASS
N41	30	40	CP-QPSK	M	Outer_Full	VL	NT	-12.66	0.00	PASS
N41	30	40	CP-QPSK	M	Outer_Full	VN	NT	-3.67	0.00	PASS
N41	30	40	CP-QPSK	M	Outer_Full	VH	NT	-10.42	0.00	PASS
N41	30	40	CP-16QAM	M	Outer_Full	VL	NT	-13.69	-0.01	PASS
N41	30	40	CP-16QAM	M	Outer_Full	VN	NT	-22.05	-0.01	PASS
N41	30	40	CP-16QAM	M	Outer_Full	VH	NT	-7.18	0.00	PASS
N41	30	40	CP-QPSK	H	Outer_Full	VL	NT	-18.05	-0.01	PASS
N41	30	40	CP-QPSK	H	Outer_Full	VN	NT	-10.73	0.00	PASS

N41	30	40	CP-QPSK	H	Outer_Full	VH	NT	-20.40	-0.01	PASS
N41	30	40	CP-16QAM	H	Outer_Full	VL	NT	-30.03	-0.01	PASS
N41	30	40	CP-16QAM	H	Outer_Full	VN	NT	-15.71	-0.01	PASS
N41	30	40	CP-16QAM	H	Outer_Full	VH	NT	-23.30	-0.01	PASS
N41	30	60	CP-QPSK	L	Outer_Full	VL	NT	-13.23	-0.01	PASS
N41	30	60	CP-QPSK	L	Outer_Full	VN	NT	-23.16	-0.01	PASS
N41	30	60	CP-QPSK	L	Outer_Full	VH	NT	-17.92	-0.01	PASS
N41	30	60	CP-16QAM	L	Outer_Full	VL	NT	-24.57	-0.01	PASS
N41	30	60	CP-16QAM	L	Outer_Full	VN	NT	-20.56	-0.01	PASS
N41	30	60	CP-16QAM	L	Outer_Full	VH	NT	-9.73	0.00	PASS
N41	30	60	CP-QPSK	M	Outer_Full	VL	NT	-2.226694	-0.000859	PASS
N41	30	60	CP-QPSK	M	Outer_Full	VN	NT	-1.461680	-0.000550	PASS
N41	30	60	CP-QPSK	M	Outer_Full	VH	NT	-14.454932	-0.005575	PASS
N41	30	60	CP-16QAM	M	Outer_Full	VL	NT	-23.881393	-0.009210	PASS
N41	30	60	CP-16QAM	M	Outer_Full	VN	NT	-10.080442	-0.003888	PASS
N41	30	60	CP-16QAM	M	Outer_Full	VH	NT	-10.080442	-0.003888	PASS
N41	30	60	CP-QPSK	H	Outer_Full	VL	NT	-9.531409	-0.003583	PASS
N41	30	60	CP-QPSK	H	Outer_Full	VN	NT	-1.461680	-0.000550	PASS
N41	30	60	CP-QPSK	H	Outer_Full	VH	NT	0.237402	0.000089	PASS
N41	30	60	CP-16QAM	H	Outer_Full	VL	NT	-12.675283	-0.004765	PASS
N41	30	60	CP-16QAM	H	Outer_Full	VN	NT	-4.258695	-0.001601	PASS
N41	30	60	CP-16QAM	H	Outer_Full	VH	NT	-2.307034	-0.000867	PASS
N41	30	100	CP-QPSK	L	Outer_Full	VL	NT	-21.070135	-0.008276	PASS
N41	30	100	CP-QPSK	L	Outer_Full	VN	NT	-8.613116	-0.003383	PASS
N41	30	100	CP-QPSK	L	Outer_Full	VH	NT	-25.947367	-0.010191	PASS
N41	30	100	CP-16QAM	L	Outer_Full	VL	NT	-23.132044	-0.009086	PASS
N41	30	100	CP-16QAM	L	Outer_Full	VN	NT	-22.388277	-0.008793	PASS
N41	30	100	CP-16QAM	L	Outer_Full	VH	NT	-18.409674	-0.007231	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VL	NT	-14.472360	-0.005581	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VN	NT	-15.964050	-0.006157	PASS
N41	30	100	CP-QPSK	M	Outer_Full	VH	NT	-20.321938	-0.007837	PASS
N41	30	100	CP-16QAM	M	Outer_Full	VL	NT	-3.005363	-0.001159	PASS
N41	30	100	CP-16QAM	M	Outer_Full	VN	NT	-14.658010	-0.005653	PASS
N41	30	100	CP-16QAM	M	Outer_Full	VH	NT	-3.677217	-0.001418	PASS
N41	30	100	CP-QPSK	H	Outer_Full	VL	NT	-16.447908	-0.006230	PASS
N41	30	100	CP-QPSK	H	Outer_Full	VN	NT	-3.994917	-0.001513	PASS
N41	30	100	CP-QPSK	H	Outer_Full	VH	NT	-16.339640	-0.006189	PASS
N41	30	100	CP-16QAM	H	Outer_Full	VL	NT	-19.329290	-0.007322	PASS
N41	30	100	CP-16QAM	H	Outer_Full	VN	NT	-8.303182	-0.003145	PASS
N41	30	100	CP-16QAM	H	Outer_Full	VH	NT	-7.729877	-0.002928	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N41	30	20	CP-QPSK	L	Outer_Full	NV	-30	-12.210552	-0.004872	PASS
N41	30	20	CP-QPSK	L	Outer_Full	NV	-20	-17.641321	-0.007040	PASS
N41	30	20	CP-QPSK	L	Outer_Full	NV	-10	-21.322794	-0.008509	PASS
N41	30	20	CP-QPSK	L	Outer_Full	NV	0	-10.588931	-0.004225	PASS
N41	30	20	CP-QPSK	L	Outer_Full	NV	10	-19.553623	-0.007803	PASS
N41	30	20	CP-QPSK	L	Outer_Full	NV	20	-27.370249	-0.010922	PASS
N41	30	20	CP-QPSK	L	Outer_Full	NV	30	-24.035566	-0.009591	PASS
N41	30	20	CP-QPSK	L	Outer_Full	NV	40	-21.379593	-0.008531	PASS
N41	30	20	CP-QPSK	L	Outer_Full	NV	50	-17.930758	-0.007155	PASS
N41	30	20	CP-16QAM	L	Outer_Full	NV	-30	-24.827568	-0.009907	PASS
N41	30	20	CP-16QAM	L	Outer_Full	NV	-20	-31.393034	-0.012527	PASS
N41	30	20	CP-16QAM	L	Outer_Full	NV	-10	-19.658587	-0.007845	PASS
N41	30	20	CP-16QAM	L	Outer_Full	NV	0	-22.865812	-0.009124	PASS
N41	30	20	CP-16QAM	L	Outer_Full	NV	10	-27.893738	-0.011131	PASS
N41	30	20	CP-16QAM	L	Outer_Full	NV	20	-16.612772	-0.006629	PASS
N41	30	20	CP-16QAM	L	Outer_Full	NV	30	-23.648142	-0.009437	PASS
N41	30	20	CP-16QAM	L	Outer_Full	NV	40	-15.687343	-0.006260	PASS
N41	30	20	CP-16QAM	L	Outer_Full	NV	50	-27.948101	-0.011152	PASS
N41	30	20	CP-QPSK	M	Outer_Full	NV	-30	-9.332253	-0.003599	PASS
N41	30	20	CP-QPSK	M	Outer_Full	NV	-20	-13.326887	-0.005140	PASS
N41	30	20	CP-QPSK	M	Outer_Full	NV	-10	0.666376	0.000257	PASS
N41	30	20	CP-QPSK	M	Outer_Full	NV	0	-3.321976	-0.001281	PASS
N41	30	20	CP-QPSK	M	Outer_Full	NV	10	-4.600226	-0.001774	PASS
N41	30	20	CP-QPSK	M	Outer_Full	NV	20	-9.161450	-0.003533	PASS
N41	30	20	CP-QPSK	M	Outer_Full	NV	30	-11.580425	-0.004466	PASS
N41	30	20	CP-QPSK	M	Outer_Full	NV	40	-13.863104	-0.005346	PASS
N41	30	20	CP-QPSK	M	Outer_Full	NV	50	-20.472914	-0.007895	PASS
N41	30	20	CP-16QAM	M	Outer_Full	NV	-30	-12.482725	-0.004814	PASS
N41	30	20	CP-16QAM	M	Outer_Full	NV	-20	-0.723090	-0.000279	PASS
N41	30	20	CP-16QAM	M	Outer_Full	NV	-10	-22.693937	-0.008752	PASS
N41	30	20	CP-16QAM	M	Outer_Full	NV	0	-11.925456	-0.004599	PASS
N41	30	20	CP-16QAM	M	Outer_Full	NV	10	-12.561889	-0.004845	PASS
N41	30	20	CP-16QAM	M	Outer_Full	NV	20	-18.061714	-0.006966	PASS
N41	30	20	CP-16QAM	M	Outer_Full	NV	30	-4.836997	-0.001865	PASS
N41	30	20	CP-16QAM	M	Outer_Full	NV	40	-13.061865	-0.005037	PASS
N41	30	20	CP-16QAM	M	Outer_Full	NV	50	-17.802313	-0.006866	PASS

N41	30	20	CP-QPSK	H	Outer_Full	NV	-30	-2.147572	-0.000801	PASS
N41	30	20	CP-QPSK	H	Outer_Full	NV	-20	-21.747475	-0.008115	PASS
N41	30	20	CP-QPSK	H	Outer_Full	NV	-10	-17.345341	-0.006472	PASS
N41	30	20	CP-QPSK	H	Outer_Full	NV	0	-13.172388	-0.004915	PASS
N41	30	20	CP-QPSK	H	Outer_Full	NV	10	-12.913241	-0.004818	PASS
N41	30	20	CP-QPSK	H	Outer_Full	NV	20	-8.056421	-0.003006	PASS
N41	30	20	CP-QPSK	H	Outer_Full	NV	30	-1.806274	-0.000674	PASS
N41	30	20	CP-QPSK	H	Outer_Full	NV	40	-19.905575	-0.007427	PASS
N41	30	20	CP-QPSK	H	Outer_Full	NV	50	-13.030083	-0.004862	PASS
N41	30	20	CP-16QAM	H	Outer_Full	NV	-30	-12.045469	-0.004495	PASS
N41	30	20	CP-16QAM	H	Outer_Full	NV	-20	-6.194235	-0.002311	PASS
N41	30	20	CP-16QAM	H	Outer_Full	NV	-10	-20.554691	-0.007670	PASS
N41	30	20	CP-16QAM	H	Outer_Full	NV	0	-14.281668	-0.005329	PASS
N41	30	20	CP-16QAM	H	Outer_Full	NV	10	-11.641632	-0.004344	PASS
N41	30	20	CP-16QAM	H	Outer_Full	NV	20	-23.552046	-0.008788	PASS
N41	30	20	CP-16QAM	H	Outer_Full	NV	30	-18.769217	-0.007003	PASS
N41	30	20	CP-16QAM	H	Outer_Full	NV	40	-12.125946	-0.004525	PASS
N41	30	20	CP-16QAM	H	Outer_Full	NV	50	-6.059243	-0.002261	PASS
N41	30	40	CP-QPSK	L	Outer_Full	NV	-30	-29.055918	-0.011548	PASS
N41	30	40	CP-QPSK	L	Outer_Full	NV	-20	-24.679554	-0.009809	PASS
N41	30	40	CP-QPSK	L	Outer_Full	NV	-10	-23.167418	-0.009208	PASS
N41	30	40	CP-QPSK	L	Outer_Full	NV	0	-18.805481	-0.007474	PASS
N41	30	40	CP-QPSK	L	Outer_Full	NV	10	-13.925901	-0.005535	PASS
N41	30	40	CP-QPSK	L	Outer_Full	NV	20	-27.331459	-0.010863	PASS
N41	30	40	CP-QPSK	L	Outer_Full	NV	30	-16.624414	-0.006607	PASS
N41	30	40	CP-QPSK	L	Outer_Full	NV	40	-5.045506	-0.002005	PASS
N41	30	40	CP-QPSK	L	Outer_Full	NV	50	-16.140593	-0.006415	PASS
N41	30	40	CP-16QAM	L	Outer_Full	NV	-30	-14.930396	-0.005934	PASS
N41	30	40	CP-16QAM	L	Outer_Full	NV	-20	-18.846018	-0.007490	PASS
N41	30	40	CP-16QAM	L	Outer_Full	NV	-10	-27.272081	-0.010839	PASS
N41	30	40	CP-16QAM	L	Outer_Full	NV	0	-33.103325	-0.013157	PASS
N41	30	40	CP-16QAM	L	Outer_Full	NV	10	-18.115070	-0.007200	PASS
N41	30	40	CP-16QAM	L	Outer_Full	NV	20	-21.982679	-0.008737	PASS
N41	30	40	CP-16QAM	L	Outer_Full	NV	30	-28.901661	-0.011487	PASS
N41	30	40	CP-16QAM	L	Outer_Full	NV	40	-12.854377	-0.005109	PASS
N41	30	40	CP-16QAM	L	Outer_Full	NV	50	-20.124640	-0.007999	PASS
N41	30	40	CP-QPSK	M	Outer_Full	NV	-30	-12.735823	-0.004912	PASS
N41	30	40	CP-QPSK	M	Outer_Full	NV	-20	-12.143762	-0.004683	PASS
N41	30	40	CP-QPSK	M	Outer_Full	NV	-10	-1.548552	-0.000597	PASS
N41	30	40	CP-QPSK	M	Outer_Full	NV	0	-18.457560	-0.007118	PASS
N41	30	40	CP-QPSK	M	Outer_Full	NV	10	-7.404413	-0.002856	PASS

N41	30	40	CP-QPSK	M	Outer_Full	NV	20	-16.535067	-0.006377	PASS
N41	30	40	CP-QPSK	M	Outer_Full	NV	30	-7.654485	-0.002952	PASS
N41	30	40	CP-QPSK	M	Outer_Full	NV	40	-17.378679	-0.006702	PASS
N41	30	40	CP-QPSK	M	Outer_Full	NV	50	-24.819185	-0.009572	PASS
N41	30	40	CP-16QAM	M	Outer_Full	NV	-30	-13.434736	-0.005181	PASS
N41	30	40	CP-16QAM	M	Outer_Full	NV	-20	-21.331892	-0.008227	PASS
N41	30	40	CP-16QAM	M	Outer_Full	NV	-10	-5.532444	-0.002134	PASS
N41	30	40	CP-16QAM	M	Outer_Full	NV	0	-13.861890	-0.005346	PASS
N41	30	40	CP-16QAM	M	Outer_Full	NV	10	-17.387114	-0.006705	PASS
N41	30	40	CP-16QAM	M	Outer_Full	NV	20	-4.725718	-0.001822	PASS
N41	30	40	CP-16QAM	M	Outer_Full	NV	30	-6.288439	-0.002425	PASS
N41	30	40	CP-16QAM	M	Outer_Full	NV	40	-13.901570	-0.005361	PASS
N41	30	40	CP-16QAM	M	Outer_Full	NV	50	-21.157686	-0.008160	PASS
N41	30	40	CP-QPSK	H	Outer_Full	NV	-30	-18.569307	-0.006955	PASS
N41	30	40	CP-QPSK	H	Outer_Full	NV	-20	-16.421772	-0.006150	PASS
N41	30	40	CP-QPSK	H	Outer_Full	NV	-10	-13.488996	-0.005052	PASS
N41	30	40	CP-QPSK	H	Outer_Full	NV	0	-27.523283	-0.010308	PASS
N41	30	40	CP-QPSK	H	Outer_Full	NV	10	-15.442583	-0.005784	PASS
N41	30	40	CP-QPSK	H	Outer_Full	NV	20	-6.722987	-0.002518	PASS
N41	30	40	CP-QPSK	H	Outer_Full	NV	30	-17.041306	-0.006383	PASS
N41	30	40	CP-QPSK	H	Outer_Full	NV	40	-6.985921	-0.002616	PASS
N41	30	40	CP-QPSK	H	Outer_Full	NV	50	-16.250826	-0.006086	PASS
N41	30	40	CP-16QAM	H	Outer_Full	NV	-30	-11.427057	-0.004280	PASS
N41	30	40	CP-16QAM	H	Outer_Full	NV	-20	-20.031065	-0.007502	PASS
N41	30	40	CP-16QAM	H	Outer_Full	NV	-10	-26.437489	-0.009902	PASS
N41	30	40	CP-16QAM	H	Outer_Full	NV	0	-10.054855	-0.003766	PASS
N41	30	40	CP-16QAM	H	Outer_Full	NV	10	-17.814157	-0.006672	PASS
N41	30	40	CP-16QAM	H	Outer_Full	NV	20	-22.427189	-0.008400	PASS
N41	30	40	CP-16QAM	H	Outer_Full	NV	30	-26.815475	-0.010043	PASS
N41	30	40	CP-16QAM	H	Outer_Full	NV	40	-13.667394	-0.005119	PASS
N41	30	40	CP-16QAM	H	Outer_Full	NV	50	-18.684153	-0.006998	PASS
N41	30	60	CP-QPSK	L	Outer_Full	NV	-30	-9.731972	-0.003853	PASS
N41	30	60	CP-QPSK	L	Outer_Full	NV	-20	-20.458858	-0.008099	PASS
N41	30	60	CP-QPSK	L	Outer_Full	NV	-10	-20.677040	-0.008186	PASS
N41	30	60	CP-QPSK	L	Outer_Full	NV	0	-22.589701	-0.008943	PASS
N41	30	60	CP-QPSK	L	Outer_Full	NV	10	-21.014990	-0.008319	PASS
N41	30	60	CP-QPSK	L	Outer_Full	NV	20	-18.575724	-0.007354	PASS
N41	30	60	CP-QPSK	L	Outer_Full	NV	30	-14.145591	-0.005600	PASS
N41	30	60	CP-QPSK	L	Outer_Full	NV	40	-9.988429	-0.003954	PASS
N41	30	60	CP-QPSK	L	Outer_Full	NV	50	-26.684677	-0.010564	PASS
N41	30	60	CP-16QAM	L	Outer_Full	NV	-30	-19.298578	-0.007640	PASS

N41	30	60	CP-16QAM	L	Outer_Full	NV	-20	-12.531423	-0.004961	PASS
N41	30	60	CP-16QAM	L	Outer_Full	NV	-10	-22.458376	-0.008891	PASS
N41	30	60	CP-16QAM	L	Outer_Full	NV	0	-13.613139	-0.005389	PASS
N41	30	60	CP-16QAM	L	Outer_Full	NV	10	-23.670282	-0.009371	PASS
N41	30	60	CP-16QAM	L	Outer_Full	NV	20	-14.668221	-0.005807	PASS
N41	30	60	CP-16QAM	L	Outer_Full	NV	30	-23.991724	-0.009498	PASS
N41	30	60	CP-16QAM	L	Outer_Full	NV	40	-12.936004	-0.005121	PASS
N41	30	60	CP-16QAM	L	Outer_Full	NV	50	-19.696146	-0.007797	PASS
N41	30	60	CP-QPSK	M	Outer_Full	NV	-30	-14.454942	-0.005575	PASS
N41	30	60	CP-QPSK	M	Outer_Full	NV	-20	-14.454942	-0.005575	PASS
N41	30	60	CP-QPSK	M	Outer_Full	NV	-10	-14.454942	-0.005575	PASS
N41	30	60	CP-QPSK	M	Outer_Full	NV	0	-10.015456	-0.003863	PASS
N41	30	60	CP-QPSK	M	Outer_Full	NV	10	-13.407199	-0.005171	PASS
N41	30	60	CP-QPSK	M	Outer_Full	NV	20	-7.534110	-0.002906	PASS
N41	30	60	CP-QPSK	M	Outer_Full	NV	30	-23.056324	-0.008892	PASS
N41	30	60	CP-QPSK	M	Outer_Full	NV	40	-19.759510	-0.007620	PASS
N41	30	60	CP-QPSK	M	Outer_Full	NV	50	-8.177789	-0.003154	PASS
N41	30	60	CP-16QAM	M	Outer_Full	NV	-30	-10.080442	-0.003888	PASS
N41	30	60	CP-16QAM	M	Outer_Full	NV	-20	-30.385912	-0.011718	PASS
N41	30	60	CP-16QAM	M	Outer_Full	NV	-10	-23.059937	-0.008893	PASS
N41	30	60	CP-16QAM	M	Outer_Full	NV	0	-21.505615	-0.008294	PASS
N41	30	60	CP-16QAM	M	Outer_Full	NV	10	-21.870937	-0.008435	PASS
N41	30	60	CP-16QAM	M	Outer_Full	NV	20	-6.337819	-0.002444	PASS
N41	30	60	CP-16QAM	M	Outer_Full	NV	30	-15.270030	-0.005889	PASS
N41	30	60	CP-16QAM	M	Outer_Full	NV	40	-22.685610	-0.008749	PASS
N41	30	60	CP-16QAM	M	Outer_Full	NV	50	-7.676169	-0.002960	PASS
N41	30	60	CP-QPSK	H	Outer_Full	NV	-30	-0.223163	-0.000084	PASS
N41	30	60	CP-QPSK	H	Outer_Full	NV	-20	-1.505654	-0.000566	PASS
N41	30	60	CP-QPSK	H	Outer_Full	NV	-10	-6.308469	-0.002372	PASS
N41	30	60	CP-QPSK	H	Outer_Full	NV	0	-0.771743	-0.000290	PASS
N41	30	60	CP-QPSK	H	Outer_Full	NV	10	-0.764658	-0.000287	PASS
N41	30	60	CP-QPSK	H	Outer_Full	NV	20	-0.764658	-0.000287	PASS
N41	30	60	CP-QPSK	H	Outer_Full	NV	30	-18.458910	-0.006939	PASS
N41	30	60	CP-QPSK	H	Outer_Full	NV	40	-0.745388	-0.000183	PASS
N41	30	60	CP-QPSK	H	Outer_Full	NV	50	-13.231990	-0.004974	PASS
N41	30	60	CP-16QAM	H	Outer_Full	NV	-30	-10.265202	-0.003859	PASS
N41	30	60	CP-16QAM	H	Outer_Full	NV	-20	-3.529833	-0.001327	PASS
N41	30	60	CP-16QAM	H	Outer_Full	NV	-10	-0.764348	-0.000223	PASS
N41	30	60	CP-16QAM	H	Outer_Full	NV	0	-7.497103	-0.002818	PASS
N41	30	60	CP-16QAM	H	Outer_Full	NV	10	-19.389925	-0.007290	PASS
N41	30	60	CP-16QAM	H	Outer_Full	NV	20	-11.447027	-0.004303	PASS

N41	30	60	CP-16QAM	H	Outer_Full	NV	30	-4.048800	-0.001522	PASS
N41	30	60	CP-16QAM	H	Outer_Full	NV	40	-11.980793	-0.004504	PASS
N41	30	60	CP-16QAM	H	Outer_Full	NV	50	-0.035798	-0.000013	PASS
N41	30	100	CP-QPSK	L	Outer_Full	NV	-30	-17.229679	-0.006767	PASS
N41	30	100	CP-QPSK	L	Outer_Full	NV	-20	-21.304985	-0.008368	PASS
N41	30	100	CP-QPSK	L	Outer_Full	NV	-10	-17.621931	-0.006921	PASS
N41	30	100	CP-QPSK	L	Outer_Full	NV	0	-20.298185	-0.007973	PASS
N41	30	100	CP-QPSK	L	Outer_Full	NV	10	-13.234303	-0.005198	PASS
N41	30	100	CP-QPSK	L	Outer_Full	NV	20	-19.270458	-0.007569	PASS
N41	30	100	CP-QPSK	L	Outer_Full	NV	30	-14.279977	-0.005609	PASS
N41	30	100	CP-QPSK	L	Outer_Full	NV	40	-25.534475	-0.010029	PASS
N41	30	100	CP-QPSK	L	Outer_Full	NV	50	-12.738105	-0.005003	PASS
N41	30	100	CP-16QAM	L	Outer_Full	NV	-30	-29.754536	-0.011687	PASS
N41	30	100	CP-16QAM	L	Outer_Full	NV	-20	-17.826546	-0.007002	PASS
N41	30	100	CP-16QAM	L	Outer_Full	NV	-10	-23.287729	-0.009147	PASS
N41	30	100	CP-16QAM	L	Outer_Full	NV	0	-27.678806	-0.010871	PASS
N41	30	100	CP-16QAM	L	Outer_Full	NV	10	-26.468431	-0.010396	PASS
N41	30	100	CP-16QAM	L	Outer_Full	NV	20	-28.825222	-0.011322	PASS
N41	30	100	CP-16QAM	L	Outer_Full	NV	30	-22.616564	-0.008883	PASS
N41	30	100	CP-16QAM	L	Outer_Full	NV	40	-17.207224	-0.006759	PASS
N41	30	100	CP-16QAM	L	Outer_Full	NV	50	-31.157557	-0.012238	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-30	-19.394907	-0.007480	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-20	-27.291759	-0.010525	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	-10	-7.790473	-0.003004	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	0	-0.990653	-0.000382	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	10	-7.718347	-0.002977	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	20	-10.345938	-0.003990	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	30	-13.174123	-0.005081	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	40	-8.398095	-0.003239	PASS
N41	30	100	CP-QPSK	M	Outer_Full	NV	50	-7.305764	-0.002818	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	-30	-13.405906	-0.005170	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	-20	-19.320503	-0.007451	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	-10	-22.858130	-0.008815	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	0	-27.797731	-0.010720	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	10	-12.971617	-0.005003	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	20	-17.931023	-0.006915	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	30	-18.498198	-0.007134	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	40	-17.181477	-0.006626	PASS
N41	30	100	CP-16QAM	M	Outer_Full	NV	50	-21.016672	-0.008105	PASS
N41	30	100	CP-QPSK	H	Outer_Full	NV	-30	-23.758753	-0.009000	PASS
N41	30	100	CP-QPSK	H	Outer_Full	NV	-20	-25.288012	-0.009579	PASS

N41	30	100	CP-QPSK	H	Outer_Full	NV	-10	-16.751074	-0.006345	PASS
N41	30	100	CP-QPSK	H	Outer_Full	NV	0	-19.423529	-0.007357	PASS
N41	30	100	CP-QPSK	H	Outer_Full	NV	10	-19.188005	-0.007268	PASS
N41	30	100	CP-QPSK	H	Outer_Full	NV	20	-12.954836	-0.004907	PASS
N41	30	100	CP-QPSK	H	Outer_Full	NV	30	-24.401936	-0.009243	PASS
N41	30	100	CP-QPSK	H	Outer_Full	NV	40	-17.416071	-0.006597	PASS
N41	30	100	CP-QPSK	H	Outer_Full	NV	50	-26.476635	-0.010029	PASS
N41	30	100	CP-16QAM	H	Outer_Full	NV	-30	-14.375134	-0.005445	PASS
N41	30	100	CP-16QAM	H	Outer_Full	NV	-20	-19.955313	-0.007559	PASS
N41	30	100	CP-16QAM	H	Outer_Full	NV	-10	-18.570986	-0.007034	PASS
N41	30	100	CP-16QAM	H	Outer_Full	NV	0	-22.428984	-0.008496	PASS
N41	30	100	CP-16QAM	H	Outer_Full	NV	10	-23.532999	-0.008914	PASS
N41	30	100	CP-16QAM	H	Outer_Full	NV	20	-22.949814	-0.008693	PASS
N41	30	100	CP-16QAM	H	Outer_Full	NV	30	-3.862370	-0.001463	PASS
N41	30	100	CP-16QAM	H	Outer_Full	NV	40	-21.328136	-0.008079	PASS
N41	30	100	CP-16QAM	H	Outer_Full	NV	50	-18.896236	-0.007158	PASS

