













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
N2	15	5	CP-QPSK	L	Outer_Full	VL	NT	-8.78	0.00	PASS
N2	15	5	CP-QPSK	L	Outer_Full	VN	NT	30.42	0.02	PASS
N2	15	5	CP-QPSK	L	Outer_Full	VH	NT	-17.80	-0.01	PASS
N2	15	5	CP-16QAM	L	Outer_Full	VL	NT	-55.84	-0.03	PASS
N2	15	5	CP-16QAM	L	Outer_Full	VN	NT	-13.99	-0.01	PASS
N2	15	5	CP-16QAM	L	Outer_Full	VH	NT	-5.55	0.00	PASS
N2	15	5	CP-QPSK	M	Outer_Full	VL	NT	-35.90	-0.02	PASS
N2	15	5	CP-QPSK	M	Outer_Full	VN	NT	7.31	0.00	PASS
N2	15	5	CP-QPSK	M	Outer_Full	VH	NT	2.45	0.00	PASS
N2	15	5	CP-16QAM	M	Outer_Full	VL	NT	266.90	0.14	PASS
N2	15	5	CP-16QAM	M	Outer_Full	VN	NT	-99.28	-0.05	PASS
N2	15	5	CP-16QAM	M	Outer_Full	VH	NT	22.12	0.01	PASS
N2	15	5	CP-QPSK	H	Outer_Full	VL	NT	95.71	0.05	PASS
N2	15	5	CP-QPSK	H	Outer_Full	VN	NT	-1.89	0.00	PASS
N2	15	5	CP-QPSK	H	Outer_Full	VH	NT	34.80	0.02	PASS
N2	15	5	CP-16QAM	H	Outer_Full	VL	NT	-24.69	-0.01	PASS
N2	15	5	CP-16QAM	H	Outer_Full	VN	NT	51.96	0.03	PASS
N2	15	5	CP-16QAM	H	Outer_Full	VH	NT	-5.44	0.00	PASS
N2	15	10	CP-QPSK	L	Outer_Full	VL	NT	55.51	0.03	PASS
N2	15	10	CP-QPSK	L	Outer_Full	VN	NT	6.67	0.00	PASS
N2	15	10	CP-QPSK	L	Outer_Full	VH	NT	-102.47	-0.06	PASS
N2	15	10	CP-16QAM	L	Outer_Full	VL	NT	-8.80	0.00	PASS
N2	15	10	CP-16QAM	L	Outer_Full	VN	NT	-91.29	-0.05	PASS
N2	15	10	CP-16QAM	L	Outer_Full	VH	NT	100.12	0.05	PASS
N2	15	10	CP-QPSK	M	Outer_Full	VL	NT	10.38	0.01	PASS
N2	15	10	CP-QPSK	M	Outer_Full	VN	NT	59.09	0.03	PASS
N2	15	10	CP-QPSK	M	Outer_Full	VH	NT	4.15	0.00	PASS
N2	15	10	CP-16QAM	M	Outer_Full	VL	NT	19.12	0.01	PASS
N2	15	10	CP-16QAM	M	Outer_Full	VN	NT	68.36	0.04	PASS
N2	15	10	CP-16QAM	M	Outer_Full	VH	NT	10.74	0.01	PASS
N2	15	10	CP-QPSK	H	Outer_Full	VL	NT	-70.41	-0.04	PASS
N2	15	10	CP-QPSK	H	Outer_Full	VN	NT	-10.98	-0.01	PASS

N2	15	10	CP-QPSK	H	Outer_Full	VH	NT	-6.62	0.00	PASS
N2	15	10	CP-16QAM	H	Outer_Full	VL	NT	-35.50	-0.02	PASS
N2	15	10	CP-16QAM	H	Outer_Full	VN	NT	-65.55	-0.03	PASS
N2	15	10	CP-16QAM	H	Outer_Full	VH	NT	8.49	0.00	PASS
N2	15	15	CP-QPSK	L	Outer_Full	VL	NT	54.50	0.03	PASS
N2	15	15	CP-QPSK	L	Outer_Full	VN	NT	-0.26	0.00	PASS
N2	15	15	CP-QPSK	L	Outer_Full	VH	NT	12.92	0.01	PASS
N2	15	15	CP-16QAM	L	Outer_Full	VL	NT	17.67	0.01	PASS
N2	15	15	CP-16QAM	L	Outer_Full	VN	NT	4.87	0.00	PASS
N2	15	15	CP-16QAM	L	Outer_Full	VH	NT	10.01	0.01	PASS
N2	15	15	CP-QPSK	M	Outer_Full	VL	NT	7.20	0.00	PASS
N2	15	15	CP-QPSK	M	Outer_Full	VN	NT	15.21	0.01	PASS
N2	15	15	CP-QPSK	M	Outer_Full	VH	NT	-71.03	-0.04	PASS
N2	15	15	CP-16QAM	M	Outer_Full	VL	NT	4.92	0.00	PASS
N2	15	15	CP-16QAM	M	Outer_Full	VN	NT	14.71	0.01	PASS
N2	15	15	CP-16QAM	M	Outer_Full	VH	NT	18.00	0.01	PASS
N2	15	15	CP-QPSK	H	Outer_Full	VL	NT	15.40	0.01	PASS
N2	15	15	CP-QPSK	H	Outer_Full	VN	NT	-1.41	0.00	PASS
N2	15	15	CP-QPSK	H	Outer_Full	VH	NT	12.92	0.01	PASS
N2	15	15	CP-16QAM	H	Outer_Full	VL	NT	-27.42	-0.01	PASS
N2	15	15	CP-16QAM	H	Outer_Full	VN	NT	44.85	0.02	PASS
N2	15	15	CP-16QAM	H	Outer_Full	VH	NT	18.70	0.01	PASS
N2	15	20	CP-QPSK	L	Outer_Full	VL	NT	-36.20	-0.02	PASS
N2	15	20	CP-QPSK	L	Outer_Full	VN	NT	-10.26	-0.01	PASS
N2	15	20	CP-QPSK	L	Outer_Full	VH	NT	-99.21	-0.05	PASS
N2	15	20	CP-16QAM	L	Outer_Full	VL	NT	3.61	0.00	PASS
N2	15	20	CP-16QAM	L	Outer_Full	VN	NT	-10.45	-0.01	PASS
N2	15	20	CP-16QAM	L	Outer_Full	VH	NT	-41.00	-0.02	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VL	NT	-42.36	-0.02	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	77.78	0.04	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VH	NT	7.79	0.00	PASS
N2	15	20	CP-16QAM	M	Outer_Full	VL	NT	11.44	0.01	PASS
N2	15	20	CP-16QAM	M	Outer_Full	VN	NT	2.06	0.00	PASS
N2	15	20	CP-16QAM	M	Outer_Full	VH	NT	13.05	0.01	PASS
N2	15	20	CP-QPSK	H	Outer_Full	VL	NT	-23.12	-0.01	PASS
N2	15	20	CP-QPSK	H	Outer_Full	VN	NT	4.67	0.00	PASS
N2	15	20	CP-QPSK	H	Outer_Full	VH	NT	-15.16	-0.01	PASS
N2	15	20	CP-16QAM	H	Outer_Full	VL	NT	-1.19	0.00	PASS
N2	15	20	CP-16QAM	H	Outer_Full	VN	NT	-32.01	-0.02	PASS
N2	15	20	CP-16QAM	H	Outer_Full	VH	NT	-4.70	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	5	CP-QPSK	L	Outer_Full	NV	-30	-3.851402	-0.002079	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	-20	3.384883	0.001827	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	-10	-4.182613	-0.002258	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	0	1.042997	0.000563	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	10	-4.058549	-0.002191	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	20	-10.056276	-0.005428	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	30	-14.629341	-0.007897	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	40	50.089516	0.027039	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	50	-9.830028	-0.005306	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	-30	5.456044	0.002945	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	-20	-4.413808	-0.002383	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	-10	15.230784	0.008222	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	0	-5.510208	-0.002974	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	10	69.303040	0.037411	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	20	9.494319	0.005125	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	30	-76.990356	-0.041560	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	40	4.099478	0.002213	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	50	-48.551216	-0.026208	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	-30	3.592465	0.001911	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	-20	-5.267506	-0.002802	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	-10	13.195883	0.007019	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	0	-0.714996	-0.000380	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	10	-45.538082	-0.024222	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	20	-6.025184	-0.003205	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	30	2.899322	0.001542	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	40	-6.995958	-0.003721	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	50	-92.561974	-0.049235	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	-30	-49.973949	-0.026582	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	-20	1.319145	0.000702	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	-10	-7.768130	-0.004132	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	0	3.929179	0.002090	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	10	-13.962112	-0.007427	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	20	-100.071014	-0.053229	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	30	-2.276616	-0.001211	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	40	9.011147	0.004793	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	50	-43.850472	-0.023325	PASS

N2	15	5	CP-QPSK	H	Outer_Full	NV	-30	-80.724251	-0.042319	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	-20	-9.424170	-0.004941	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	-10	-83.531517	-0.043791	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	0	-67.360016	-0.035313	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	10	4.641215	0.002433	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	20	74.636658	0.039128	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	30	-9.082496	-0.004761	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	40	-6.478056	-0.003396	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	50	121.868324	0.063889	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	-30	-0.060105	-0.000032	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	-20	5.481660	0.002874	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	-10	-42.737488	-0.022405	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	0	-0.819672	-0.000430	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	10	-106.391914	-0.055776	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	20	2.596729	0.001361	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	30	0.171239	0.000090	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	40	-12.080718	-0.006333	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	50	6.068766	0.003182	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	-30	-1.130466	-0.000609	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	-20	3.568954	0.001924	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	-10	-9.507042	-0.005125	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	0	-18.901478	-0.010189	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	10	68.876625	0.037130	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	20	-133.061539	-0.071731	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	30	-5.242980	-0.002826	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	40	-2.918000	-0.001573	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	50	21.220606	0.011440	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	-30	4.284044	0.002309	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	-20	15.867100	0.008554	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	-10	4.534944	0.002445	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	0	96.412163	0.051974	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	10	3.813830	0.002056	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	20	5.473001	0.002950	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	30	-7.896805	-0.004257	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	40	-12.578216	-0.006781	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	50	-11.007107	-0.005934	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	-30	3.923044	0.002087	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	-20	-5.566967	-0.002961	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	-10	10.326810	0.005493	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	0	-12.385231	-0.006588	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	10	75.170158	0.039984	PASS

N2	15	10	CP-QPSK	M	Outer_Full	NV	20	56.066696	0.029823	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	30	-18.969597	-0.010090	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	40	11.057622	0.005882	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	50	52.515347	0.027934	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	-30	6.856601	0.003647	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	-20	2.912726	0.001549	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	-10	102.903900	0.054736	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	0	-1.950536	-0.001038	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	10	-3.942687	-0.002097	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	20	13.716422	0.007296	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	30	12.253893	0.006518	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	40	-112.792336	-0.059996	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	50	8.980757	0.004777	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	-30	-14.771668	-0.007754	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	-20	0.861253	0.000452	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	-10	0.259042	0.000136	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	0	-14.353612	-0.007535	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	10	59.404869	0.031184	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	20	-3.108058	-0.001632	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	30	3.819275	0.002005	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	40	99.475998	0.052218	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	50	2.253971	0.001183	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	-30	4.560528	0.002394	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	-20	77.489235	0.040677	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	-10	-8.831359	-0.004636	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	0	-139.358521	-0.073154	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	10	-52.342854	-0.027477	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	20	-7.084622	-0.003719	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	30	-13.572734	-0.007125	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	40	1.128092	0.000592	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	50	-3.863179	-0.002028	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	-30	14.462464	0.007786	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	-20	4.151464	0.002235	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	-10	-24.650480	-0.013271	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	0	11.829980	0.006369	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	10	105.274902	0.056676	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	20	-26.329300	-0.014175	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	30	11.782601	0.006343	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	40	12.814524	0.006899	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	50	3.194856	0.001720	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	-30	-0.680185	-0.000366	PASS

N2	15	15	CP-16QAM	L	Outer_Full	NV	-20	56.325855	0.030323	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	-10	14.537895	0.007827	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	0	4.542298	0.002445	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	10	-1.433125	-0.000772	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	20	57.463612	0.030936	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	30	150.797241	0.081183	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	40	3.568012	0.001921	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	50	6.048636	0.003256	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	-30	12.916106	0.006870	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	-20	-32.534023	-0.017305	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	-10	75.377586	0.040094	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	0	17.534008	0.009327	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	10	39.483215	0.021002	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	20	2.384722	0.001268	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	30	7.192162	0.003826	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	40	-42.542320	-0.022629	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	50	122.520775	0.065171	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	-30	-104.123291	-0.055385	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	-20	4.850264	0.002580	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	-10	16.259382	0.008649	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	0	6.543895	0.003481	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	10	-1.542129	-0.000820	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	20	20.867760	0.011100	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	30	4.967508	0.002642	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	40	-52.473156	-0.027911	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	50	11.500995	0.006118	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	-30	-17.864382	-0.009390	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	-20	-8.698904	-0.004572	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	-10	-53.070301	-0.027895	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	0	9.446060	0.004965	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	10	11.403710	0.005994	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	20	72.565498	0.038142	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	30	2.614731	0.001374	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	40	8.110213	0.004263	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	50	75.869606	0.039879	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	-30	-25.680729	-0.013498	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	-20	3.755517	0.001974	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	-10	0.192366	0.000101	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	0	8.279744	0.004352	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	10	60.108158	0.031594	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	20	13.668937	0.007185	PASS

N2	15	15	CP-16QAM	H	Outer_Full	NV	30	72.666634	0.038195	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	40	-51.258354	-0.026943	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	50	-32.210342	-0.016931	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	-30	-129.881821	-0.069829	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	-20	2.155739	0.001159	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	-10	-2.416118	-0.001299	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	0	-2.996309	-0.001611	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	10	-88.241264	-0.047442	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	20	27.688143	0.014886	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	30	-13.770285	-0.007403	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	40	-63.871265	-0.034339	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	50	7.295685	0.003922	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	-30	-10.491804	-0.005641	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	-20	-0.787000	-0.000423	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	-10	2.512868	0.001351	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	0	0.988883	0.000532	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	10	35.919292	0.019311	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	20	-12.896271	-0.006933	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	30	-1.386905	-0.000746	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	40	-5.234241	-0.002814	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	50	-11.714808	-0.006298	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	-1.439045	-0.000765	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	16.465714	0.008758	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	13.833790	0.007358	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	15.206366	0.008088	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	15.624339	0.008311	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	2.620461	0.001394	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	9.305666	0.004950	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	17.717722	0.009424	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	3.796662	0.002020	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	-30	3.633177	0.001933	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	-20	-5.095739	-0.002710	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	-10	8.005755	0.004258	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	0	-45.956512	-0.024445	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	10	-19.555843	-0.010402	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	20	46.095493	0.024519	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	30	-0.065905	-0.000035	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	40	108.811409	0.057878	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	50	8.042663	0.004278	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	-30	20.012457	0.010533	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	-20	4.001144	0.002106	PASS

N2	15	20	CP-QPSK	H	Outer_Full	NV	-10	2.682376	0.001412	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	0	2.682890	0.001412	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	10	-15.396652	-0.008104	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	20	27.828775	0.014647	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	30	32.330185	0.017016	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	40	4.202129	0.002212	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	50	-5.963558	-0.003139	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	-30	18.733332	0.009860	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	-20	42.472363	0.022354	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	-10	-38.566746	-0.020298	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	0	-12.574493	-0.006618	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	10	-1.469650	-0.000774	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	20	19.882320	0.010464	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	30	-95.096664	-0.050051	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	40	44.080383	0.023200	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	50	-6.193451	-0.003260	PASS