













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
N25	15	5	CP-QPSK	L	Outer_Full	VL	NT	-4.76	0.00	PASS
N25	15	5	CP-QPSK	L	Outer_Full	VN	NT	28.20	0.02	PASS
N25	15	5	CP-QPSK	L	Outer_Full	VH	NT	5.86	0.00	PASS
N25	15	5	CP-16QAM	L	Outer_Full	VL	NT	-13.16	-0.01	PASS
N25	15	5	CP-16QAM	L	Outer_Full	VN	NT	-37.88	-0.02	PASS
N25	15	5	CP-16QAM	L	Outer_Full	VH	NT	0.33	0.00	PASS
N25	15	5	CP-QPSK	M	Outer_Full	VL	NT	-10.20	-0.01	PASS
N25	15	5	CP-QPSK	M	Outer_Full	VN	NT	2.43	0.00	PASS
N25	15	5	CP-QPSK	M	Outer_Full	VH	NT	-0.15	0.00	PASS
N25	15	5	CP-16QAM	M	Outer_Full	VL	NT	5.56	0.00	PASS
N25	15	5	CP-16QAM	M	Outer_Full	VN	NT	-8.55	0.00	PASS
N25	15	5	CP-16QAM	M	Outer_Full	VH	NT	9.81	0.01	PASS
N25	15	5	CP-QPSK	H	Outer_Full	VL	NT	-122.36	-0.06	PASS
N25	15	5	CP-QPSK	H	Outer_Full	VN	NT	-3.17	0.00	PASS
N25	15	5	CP-QPSK	H	Outer_Full	VH	NT	0.04	0.00	PASS
N25	15	5	CP-16QAM	H	Outer_Full	VL	NT	-4.64	0.00	PASS
N25	15	5	CP-16QAM	H	Outer_Full	VN	NT	-84.70	-0.04	PASS
N25	15	5	CP-16QAM	H	Outer_Full	VH	NT	-15.39	-0.01	PASS
N25	15	10	CP-QPSK	L	Outer_Full	VL	NT	-70.07	-0.04	PASS
N25	15	10	CP-QPSK	L	Outer_Full	VN	NT	80.42	0.04	PASS
N25	15	10	CP-QPSK	L	Outer_Full	VH	NT	34.68	0.02	PASS
N25	15	10	CP-16QAM	L	Outer_Full	VL	NT	-59.29	-0.03	PASS
N25	15	10	CP-16QAM	L	Outer_Full	VN	NT	-10.50	-0.01	PASS
N25	15	10	CP-16QAM	L	Outer_Full	VH	NT	6.30	0.00	PASS
N25	15	10	CP-QPSK	M	Outer_Full	VL	NT	5.58	0.00	PASS
N25	15	10	CP-QPSK	M	Outer_Full	VN	NT	62.74	0.03	PASS
N25	15	10	CP-QPSK	M	Outer_Full	VH	NT	0.95	0.00	PASS
N25	15	10	CP-16QAM	M	Outer_Full	VL	NT	74.81	0.04	PASS
N25	15	10	CP-16QAM	M	Outer_Full	VN	NT	-8.12	0.00	PASS
N25	15	10	CP-16QAM	M	Outer_Full	VH	NT	-13.78	-0.01	PASS
N25	15	10	CP-QPSK	H	Outer_Full	VL	NT	7.75	0.00	PASS
N25	15	10	CP-QPSK	H	Outer_Full	VN	NT	53.84	0.03	PASS

N25	15	10	CP-QPSK	H	Outer_Full	VH	NT	0.38	0.00	PASS
N25	15	10	CP-16QAM	H	Outer_Full	VL	NT	2.38	0.00	PASS
N25	15	10	CP-16QAM	H	Outer_Full	VN	NT	3.52	0.00	PASS
N25	15	10	CP-16QAM	H	Outer_Full	VH	NT	4.54	0.00	PASS
N25	15	15	CP-QPSK	L	Outer_Full	VL	NT	10.01	0.01	PASS
N25	15	15	CP-QPSK	L	Outer_Full	VN	NT	-0.04	0.00	PASS
N25	15	15	CP-QPSK	L	Outer_Full	VH	NT	7.55	0.00	PASS
N25	15	15	CP-16QAM	L	Outer_Full	VL	NT	-74.06	-0.04	PASS
N25	15	15	CP-16QAM	L	Outer_Full	VN	NT	3.72	0.00	PASS
N25	15	15	CP-16QAM	L	Outer_Full	VH	NT	-64.46	-0.03	PASS
N25	15	15	CP-QPSK	M	Outer_Full	VL	NT	3.19	0.00	PASS
N25	15	15	CP-QPSK	M	Outer_Full	VN	NT	-0.81	0.00	PASS
N25	15	15	CP-QPSK	M	Outer_Full	VH	NT	106.47	0.06	PASS
N25	15	15	CP-16QAM	M	Outer_Full	VL	NT	50.70	0.03	PASS
N25	15	15	CP-16QAM	M	Outer_Full	VN	NT	-13.68	-0.01	PASS
N25	15	15	CP-16QAM	M	Outer_Full	VH	NT	-12.63	-0.01	PASS
N25	15	15	CP-QPSK	H	Outer_Full	VL	NT	-68.16	-0.04	PASS
N25	15	15	CP-QPSK	H	Outer_Full	VN	NT	3.93	0.00	PASS
N25	15	15	CP-QPSK	H	Outer_Full	VH	NT	0.42	0.00	PASS
N25	15	15	CP-16QAM	H	Outer_Full	VL	NT	35.97	0.02	PASS
N25	15	15	CP-16QAM	H	Outer_Full	VN	NT	-5.07	0.00	PASS
N25	15	15	CP-16QAM	H	Outer_Full	VH	NT	-6.05	0.00	PASS
N25	15	20	CP-QPSK	L	Outer_Full	VL	NT	-0.18	0.00	PASS
N25	15	20	CP-QPSK	L	Outer_Full	VN	NT	-4.01	0.00	PASS
N25	15	20	CP-QPSK	L	Outer_Full	VH	NT	-9.44	-0.01	PASS
N25	15	20	CP-16QAM	L	Outer_Full	VL	NT	75.13	0.04	PASS
N25	15	20	CP-16QAM	L	Outer_Full	VN	NT	-108.60	-0.06	PASS
N25	15	20	CP-16QAM	L	Outer_Full	VH	NT	3.29	0.00	PASS
N25	15	20	CP-QPSK	M	Outer_Full	VL	NT	119.93	0.06	PASS
N25	15	20	CP-QPSK	M	Outer_Full	VN	NT	-22.22	-0.01	PASS
N25	15	20	CP-QPSK	M	Outer_Full	VH	NT	36.93	0.02	PASS
N25	15	20	CP-16QAM	M	Outer_Full	VL	NT	105.43	0.06	PASS
N25	15	20	CP-16QAM	M	Outer_Full	VN	NT	-58.84	-0.03	PASS
N25	15	20	CP-16QAM	M	Outer_Full	VH	NT	-18.54	-0.01	PASS
N25	15	20	CP-QPSK	H	Outer_Full	VL	NT	-27.53	-0.01	PASS
N25	15	20	CP-QPSK	H	Outer_Full	VN	NT	1.70	0.00	PASS
N25	15	20	CP-QPSK	H	Outer_Full	VH	NT	-11.35	-0.01	PASS
N25	15	20	CP-16QAM	H	Outer_Full	VL	NT	79.59	0.04	PASS
N25	15	20	CP-16QAM	H	Outer_Full	VN	NT	18.70	0.01	PASS
N25	15	20	CP-16QAM	H	Outer_Full	VH	NT	98.01	0.05	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	5	CP-QPSK	L	Outer_Full	NV	-30	-10.208471	-0.005511	PASS
N25	15	5	CP-QPSK	L	Outer_Full	NV	-20	-20.975374	-0.011323	PASS
N25	15	5	CP-QPSK	L	Outer_Full	NV	-10	-9.800180	-0.005290	PASS
N25	15	5	CP-QPSK	L	Outer_Full	NV	0	1.579568	0.000853	PASS
N25	15	5	CP-QPSK	L	Outer_Full	NV	10	-6.777911	-0.003659	PASS
N25	15	5	CP-QPSK	L	Outer_Full	NV	20	-16.106592	-0.008695	PASS
N25	15	5	CP-QPSK	L	Outer_Full	NV	30	-8.140268	-0.004394	PASS
N25	15	5	CP-QPSK	L	Outer_Full	NV	40	1.536729	0.000830	PASS
N25	15	5	CP-QPSK	L	Outer_Full	NV	50	-73.897644	-0.039891	PASS
N25	15	5	CP-16QAM	L	Outer_Full	NV	-30	23.293695	0.012574	PASS
N25	15	5	CP-16QAM	L	Outer_Full	NV	-20	-14.098443	-0.007610	PASS
N25	15	5	CP-16QAM	L	Outer_Full	NV	-10	-43.994076	-0.023748	PASS
N25	15	5	CP-16QAM	L	Outer_Full	NV	0	-49.170361	-0.026543	PASS
N25	15	5	CP-16QAM	L	Outer_Full	NV	10	-13.368771	-0.007217	PASS
N25	15	5	CP-16QAM	L	Outer_Full	NV	20	-9.449587	-0.005101	PASS
N25	15	5	CP-16QAM	L	Outer_Full	NV	30	-7.056119	-0.003809	PASS
N25	15	5	CP-16QAM	L	Outer_Full	NV	40	-70.369362	-0.037986	PASS
N25	15	5	CP-16QAM	L	Outer_Full	NV	50	-1.414115	-0.000763	PASS
N25	15	5	CP-QPSK	M	Outer_Full	NV	-30	-1.286069	-0.000683	PASS
N25	15	5	CP-QPSK	M	Outer_Full	NV	-20	0.082675	0.000044	PASS
N25	15	5	CP-QPSK	M	Outer_Full	NV	-10	-1.499485	-0.000797	PASS
N25	15	5	CP-QPSK	M	Outer_Full	NV	0	12.077177	0.006415	PASS
N25	15	5	CP-QPSK	M	Outer_Full	NV	10	-4.130545	-0.002194	PASS
N25	15	5	CP-QPSK	M	Outer_Full	NV	20	-16.684694	-0.008863	PASS
N25	15	5	CP-QPSK	M	Outer_Full	NV	30	-42.204685	-0.022419	PASS
N25	15	5	CP-QPSK	M	Outer_Full	NV	40	143.725952	0.076348	PASS
N25	15	5	CP-QPSK	M	Outer_Full	NV	50	-18.735043	-0.009952	PASS
N25	15	5	CP-16QAM	M	Outer_Full	NV	-30	-43.328812	-0.023017	PASS
N25	15	5	CP-16QAM	M	Outer_Full	NV	-20	-80.704483	-0.042871	PASS
N25	15	5	CP-16QAM	M	Outer_Full	NV	-10	-14.110343	-0.007496	PASS
N25	15	5	CP-16QAM	M	Outer_Full	NV	0	39.123619	0.020783	PASS
N25	15	5	CP-16QAM	M	Outer_Full	NV	10	53.303234	0.028315	PASS
N25	15	5	CP-16QAM	M	Outer_Full	NV	20	-11.541701	-0.006131	PASS
N25	15	5	CP-16QAM	M	Outer_Full	NV	30	1.410083	0.000749	PASS
N25	15	5	CP-16QAM	M	Outer_Full	NV	40	-11.431034	-0.006072	PASS
N25	15	5	CP-16QAM	M	Outer_Full	NV	50	-2.455261	-0.001304	PASS

N25	15	5	CP-QPSK	H	Outer_Full	NV	-30	37.154171	0.019427	PASS
N25	15	5	CP-QPSK	H	Outer_Full	NV	-20	75.779083	0.039623	PASS
N25	15	5	CP-QPSK	H	Outer_Full	NV	-10	86.324944	0.045137	PASS
N25	15	5	CP-QPSK	H	Outer_Full	NV	0	-15.221910	-0.007959	PASS
N25	15	5	CP-QPSK	H	Outer_Full	NV	10	2.431677	0.001271	PASS
N25	15	5	CP-QPSK	H	Outer_Full	NV	20	3.704912	0.001937	PASS
N25	15	5	CP-QPSK	H	Outer_Full	NV	30	-14.857147	-0.007768	PASS
N25	15	5	CP-QPSK	H	Outer_Full	NV	40	144.670258	0.075645	PASS
N25	15	5	CP-QPSK	H	Outer_Full	NV	50	-10.134578	-0.005299	PASS
N25	15	5	CP-16QAM	H	Outer_Full	NV	-30	-9.347879	-0.004888	PASS
N25	15	5	CP-16QAM	H	Outer_Full	NV	-20	-74.367058	-0.038885	PASS
N25	15	5	CP-16QAM	H	Outer_Full	NV	-10	-0.303140	-0.000159	PASS
N25	15	5	CP-16QAM	H	Outer_Full	NV	0	20.005545	0.010460	PASS
N25	15	5	CP-16QAM	H	Outer_Full	NV	10	-8.413154	-0.004399	PASS
N25	15	5	CP-16QAM	H	Outer_Full	NV	20	-117.241577	-0.061303	PASS
N25	15	5	CP-16QAM	H	Outer_Full	NV	30	-73.536636	-0.038451	PASS
N25	15	5	CP-16QAM	H	Outer_Full	NV	40	-7.135830	-0.003731	PASS
N25	15	5	CP-16QAM	H	Outer_Full	NV	50	-1.138326	-0.000595	PASS
N25	15	10	CP-QPSK	L	Outer_Full	NV	-30	1.247000	0.000672	PASS
N25	15	10	CP-QPSK	L	Outer_Full	NV	-20	24.814854	0.013377	PASS
N25	15	10	CP-QPSK	L	Outer_Full	NV	-10	-89.789360	-0.048404	PASS
N25	15	10	CP-QPSK	L	Outer_Full	NV	0	41.683517	0.022471	PASS
N25	15	10	CP-QPSK	L	Outer_Full	NV	10	-120.649803	-0.065040	PASS
N25	15	10	CP-QPSK	L	Outer_Full	NV	20	-7.929083	-0.004274	PASS
N25	15	10	CP-QPSK	L	Outer_Full	NV	30	4.673248	0.002519	PASS
N25	15	10	CP-QPSK	L	Outer_Full	NV	40	0.554600	0.000299	PASS
N25	15	10	CP-QPSK	L	Outer_Full	NV	50	-14.510506	-0.007822	PASS
N25	15	10	CP-16QAM	L	Outer_Full	NV	-30	-2.553973	-0.001377	PASS
N25	15	10	CP-16QAM	L	Outer_Full	NV	-20	64.589638	0.034819	PASS
N25	15	10	CP-16QAM	L	Outer_Full	NV	-10	2.391335	0.001289	PASS
N25	15	10	CP-16QAM	L	Outer_Full	NV	0	-52.390362	-0.028243	PASS
N25	15	10	CP-16QAM	L	Outer_Full	NV	10	-0.962985	-0.000519	PASS
N25	15	10	CP-16QAM	L	Outer_Full	NV	20	-2.087741	-0.001125	PASS
N25	15	10	CP-16QAM	L	Outer_Full	NV	30	-1.573696	-0.000848	PASS
N25	15	10	CP-16QAM	L	Outer_Full	NV	40	74.816093	0.040332	PASS
N25	15	10	CP-16QAM	L	Outer_Full	NV	50	29.775753	0.016052	PASS
N25	15	10	CP-QPSK	M	Outer_Full	NV	-30	63.524982	0.033745	PASS
N25	15	10	CP-QPSK	M	Outer_Full	NV	-20	2.014893	0.001070	PASS
N25	15	10	CP-QPSK	M	Outer_Full	NV	-10	27.663641	0.014695	PASS
N25	15	10	CP-QPSK	M	Outer_Full	NV	0	-6.613417	-0.003513	PASS
N25	15	10	CP-QPSK	M	Outer_Full	NV	10	50.011925	0.026567	PASS

N25	15	10	CP-QPSK	M	Outer_Full	NV	20	14.112178	0.007497	PASS
N25	15	10	CP-QPSK	M	Outer_Full	NV	30	2.839392	0.001508	PASS
N25	15	10	CP-QPSK	M	Outer_Full	NV	40	-3.875492	-0.002059	PASS
N25	15	10	CP-QPSK	M	Outer_Full	NV	50	-12.772764	-0.006785	PASS
N25	15	10	CP-16QAM	M	Outer_Full	NV	-30	-39.721352	-0.021100	PASS
N25	15	10	CP-16QAM	M	Outer_Full	NV	-20	-11.353778	-0.006031	PASS
N25	15	10	CP-16QAM	M	Outer_Full	NV	-10	-7.399797	-0.003931	PASS
N25	15	10	CP-16QAM	M	Outer_Full	NV	0	1.775021	0.000943	PASS
N25	15	10	CP-16QAM	M	Outer_Full	NV	10	2.119824	0.001126	PASS
N25	15	10	CP-16QAM	M	Outer_Full	NV	20	-3.630476	-0.001929	PASS
N25	15	10	CP-16QAM	M	Outer_Full	NV	30	77.608620	0.041226	PASS
N25	15	10	CP-16QAM	M	Outer_Full	NV	40	-11.426674	-0.006070	PASS
N25	15	10	CP-16QAM	M	Outer_Full	NV	50	-15.952943	-0.008474	PASS
N25	15	10	CP-QPSK	H	Outer_Full	NV	-30	5.646913	0.002956	PASS
N25	15	10	CP-QPSK	H	Outer_Full	NV	-20	4.469614	0.002340	PASS
N25	15	10	CP-QPSK	H	Outer_Full	NV	-10	-167.457672	-0.087674	PASS
N25	15	10	CP-QPSK	H	Outer_Full	NV	0	6.915549	0.003621	PASS
N25	15	10	CP-QPSK	H	Outer_Full	NV	10	31.481371	0.016482	PASS
N25	15	10	CP-QPSK	H	Outer_Full	NV	20	79.616562	0.041684	PASS
N25	15	10	CP-QPSK	H	Outer_Full	NV	30	10.612939	0.005557	PASS
N25	15	10	CP-QPSK	H	Outer_Full	NV	40	11.416187	0.005977	PASS
N25	15	10	CP-QPSK	H	Outer_Full	NV	50	-18.557747	-0.009716	PASS
N25	15	10	CP-16QAM	H	Outer_Full	NV	-30	5.417026	0.002836	PASS
N25	15	10	CP-16QAM	H	Outer_Full	NV	-20	-111.909142	-0.058591	PASS
N25	15	10	CP-16QAM	H	Outer_Full	NV	-10	4.789331	0.002508	PASS
N25	15	10	CP-16QAM	H	Outer_Full	NV	0	-2.034407	-0.001065	PASS
N25	15	10	CP-16QAM	H	Outer_Full	NV	10	6.189526	0.003241	PASS
N25	15	10	CP-16QAM	H	Outer_Full	NV	20	5.623333	0.002944	PASS
N25	15	10	CP-16QAM	H	Outer_Full	NV	30	69.632401	0.036457	PASS
N25	15	10	CP-16QAM	H	Outer_Full	NV	40	85.328400	0.044675	PASS
N25	15	10	CP-16QAM	H	Outer_Full	NV	50	0.995556	0.000521	PASS
N25	15	15	CP-QPSK	L	Outer_Full	NV	-30	1.052516	0.000567	PASS
N25	15	15	CP-QPSK	L	Outer_Full	NV	-20	-62.754181	-0.033784	PASS
N25	15	15	CP-QPSK	L	Outer_Full	NV	-10	-104.442162	-0.056227	PASS
N25	15	15	CP-QPSK	L	Outer_Full	NV	0	-35.776661	-0.019261	PASS
N25	15	15	CP-QPSK	L	Outer_Full	NV	10	-40.182781	-0.021633	PASS
N25	15	15	CP-QPSK	L	Outer_Full	NV	20	0.320275	0.000172	PASS
N25	15	15	CP-QPSK	L	Outer_Full	NV	30	38.576466	0.020768	PASS
N25	15	15	CP-QPSK	L	Outer_Full	NV	40	6.104921	0.003287	PASS
N25	15	15	CP-QPSK	L	Outer_Full	NV	50	10.663096	0.005741	PASS
N25	15	15	CP-16QAM	L	Outer_Full	NV	-30	13.871362	0.007468	PASS

N25	15	15	CP-16QAM	L	Outer_Full	NV	-20	121.972778	0.065665	PASS
N25	15	15	CP-16QAM	L	Outer_Full	NV	-10	-89.452812	-0.048158	PASS
N25	15	15	CP-16QAM	L	Outer_Full	NV	0	13.507627	0.007272	PASS
N25	15	15	CP-16QAM	L	Outer_Full	NV	10	26.958851	0.014514	PASS
N25	15	15	CP-16QAM	L	Outer_Full	NV	20	101.263145	0.054516	PASS
N25	15	15	CP-16QAM	L	Outer_Full	NV	30	100.091805	0.053885	PASS
N25	15	15	CP-16QAM	L	Outer_Full	NV	40	17.840275	0.009604	PASS
N25	15	15	CP-16QAM	L	Outer_Full	NV	50	8.774476	0.004724	PASS
N25	15	15	CP-QPSK	M	Outer_Full	NV	-30	-9.246224	-0.004912	PASS
N25	15	15	CP-QPSK	M	Outer_Full	NV	-20	4.879470	0.002592	PASS
N25	15	15	CP-QPSK	M	Outer_Full	NV	-10	-2.748054	-0.001460	PASS
N25	15	15	CP-QPSK	M	Outer_Full	NV	0	-92.318413	-0.049040	PASS
N25	15	15	CP-QPSK	M	Outer_Full	NV	10	-8.622774	-0.004580	PASS
N25	15	15	CP-QPSK	M	Outer_Full	NV	20	132.235474	0.070245	PASS
N25	15	15	CP-QPSK	M	Outer_Full	NV	30	-73.789001	-0.039197	PASS
N25	15	15	CP-QPSK	M	Outer_Full	NV	40	62.078468	0.032977	PASS
N25	15	15	CP-QPSK	M	Outer_Full	NV	50	-15.368058	-0.008164	PASS
N25	15	15	CP-16QAM	M	Outer_Full	NV	-30	28.313168	0.015040	PASS
N25	15	15	CP-16QAM	M	Outer_Full	NV	-20	22.730024	0.012074	PASS
N25	15	15	CP-16QAM	M	Outer_Full	NV	-10	86.585037	0.045995	PASS
N25	15	15	CP-16QAM	M	Outer_Full	NV	0	82.198250	0.043664	PASS
N25	15	15	CP-16QAM	M	Outer_Full	NV	10	-30.664442	-0.016289	PASS
N25	15	15	CP-16QAM	M	Outer_Full	NV	20	-12.527190	-0.006655	PASS
N25	15	15	CP-16QAM	M	Outer_Full	NV	30	0.245153	0.000130	PASS
N25	15	15	CP-16QAM	M	Outer_Full	NV	40	2.382031	0.001265	PASS
N25	15	15	CP-16QAM	M	Outer_Full	NV	50	-16.721012	-0.008882	PASS
N25	15	15	CP-QPSK	H	Outer_Full	NV	-30	0.847943	0.000445	PASS
N25	15	15	CP-QPSK	H	Outer_Full	NV	-20	-86.621246	-0.045411	PASS
N25	15	15	CP-QPSK	H	Outer_Full	NV	-10	-3.415805	-0.001791	PASS
N25	15	15	CP-QPSK	H	Outer_Full	NV	0	-11.025107	-0.005780	PASS
N25	15	15	CP-QPSK	H	Outer_Full	NV	10	0.416481	0.000218	PASS
N25	15	15	CP-QPSK	H	Outer_Full	NV	20	-100.339752	-0.052603	PASS
N25	15	15	CP-QPSK	H	Outer_Full	NV	30	-9.827197	-0.005152	PASS
N25	15	15	CP-QPSK	H	Outer_Full	NV	40	5.604991	0.002938	PASS
N25	15	15	CP-QPSK	H	Outer_Full	NV	50	24.168634	0.012670	PASS
N25	15	15	CP-16QAM	H	Outer_Full	NV	-30	-27.606617	-0.014473	PASS
N25	15	15	CP-16QAM	H	Outer_Full	NV	-20	73.467934	0.038515	PASS
N25	15	15	CP-16QAM	H	Outer_Full	NV	-10	84.286064	0.044187	PASS
N25	15	15	CP-16QAM	H	Outer_Full	NV	0	-11.264299	-0.005905	PASS
N25	15	15	CP-16QAM	H	Outer_Full	NV	10	-11.880635	-0.006228	PASS
N25	15	15	CP-16QAM	H	Outer_Full	NV	20	-27.745651	-0.014546	PASS

N25	15	15	CP-16QAM	H	Outer_Full	NV	30	-70.704361	-0.037067	PASS
N25	15	15	CP-16QAM	H	Outer_Full	NV	40	50.342026	0.026392	PASS
N25	15	15	CP-16QAM	H	Outer_Full	NV	50	-11.717644	-0.006143	PASS
N25	15	20	CP-QPSK	L	Outer_Full	NV	-30	78.832420	0.042383	PASS
N25	15	20	CP-QPSK	L	Outer_Full	NV	-20	-9.939133	-0.005344	PASS
N25	15	20	CP-QPSK	L	Outer_Full	NV	-10	117.776161	0.063321	PASS
N25	15	20	CP-QPSK	L	Outer_Full	NV	0	2.743261	0.001475	PASS
N25	15	20	CP-QPSK	L	Outer_Full	NV	10	107.353630	0.057717	PASS
N25	15	20	CP-QPSK	L	Outer_Full	NV	20	-19.868160	-0.010682	PASS
N25	15	20	CP-QPSK	L	Outer_Full	NV	30	-4.671941	-0.002512	PASS
N25	15	20	CP-QPSK	L	Outer_Full	NV	40	-12.276509	-0.006600	PASS
N25	15	20	CP-QPSK	L	Outer_Full	NV	50	-0.235723	-0.000127	PASS
N25	15	20	CP-16QAM	L	Outer_Full	NV	-30	87.745796	0.047175	PASS
N25	15	20	CP-16QAM	L	Outer_Full	NV	-20	-60.244511	-0.032390	PASS
N25	15	20	CP-16QAM	L	Outer_Full	NV	-10	91.482849	0.049184	PASS
N25	15	20	CP-16QAM	L	Outer_Full	NV	0	-120.200546	-0.064624	PASS
N25	15	20	CP-16QAM	L	Outer_Full	NV	10	-6.231047	-0.003350	PASS
N25	15	20	CP-16QAM	L	Outer_Full	NV	20	-7.221239	-0.003882	PASS
N25	15	20	CP-16QAM	L	Outer_Full	NV	30	-15.637662	-0.008407	PASS
N25	15	20	CP-16QAM	L	Outer_Full	NV	40	-64.875618	-0.034879	PASS
N25	15	20	CP-16QAM	L	Outer_Full	NV	50	-0.517797	-0.000278	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-30	-10.035359	-0.005331	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-20	-2.805111	-0.001490	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	-10	68.938805	0.036621	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	0	-9.964393	-0.005293	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	10	17.859119	0.009487	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	20	-107.699150	-0.057211	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	30	-4.990556	-0.002651	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	40	-9.092345	-0.004830	PASS
N25	15	20	CP-QPSK	M	Outer_Full	NV	50	5.251797	0.002790	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	-30	-0.762186	-0.000405	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	-20	-7.027073	-0.003733	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	-10	-11.826636	-0.006282	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	0	-17.086250	-0.009076	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	10	-117.970688	-0.062667	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	20	88.855644	0.047201	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	30	-4.848101	-0.002575	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	40	41.396660	0.021990	PASS
N25	15	20	CP-16QAM	M	Outer_Full	NV	50	15.911472	0.008452	PASS
N25	15	20	CP-QPSK	H	Outer_Full	NV	-30	32.503265	0.017062	PASS
N25	15	20	CP-QPSK	H	Outer_Full	NV	-20	-28.173304	-0.014789	PASS

N25	15	20	CP-QPSK	H	Outer_Full	NV	-10	-1.466966	-0.000770	PASS
N25	15	20	CP-QPSK	H	Outer_Full	NV	0	-15.954706	-0.008375	PASS
N25	15	20	CP-QPSK	H	Outer_Full	NV	10	11.990241	0.006294	PASS
N25	15	20	CP-QPSK	H	Outer_Full	NV	20	-4.114910	-0.002160	PASS
N25	15	20	CP-QPSK	H	Outer_Full	NV	30	2.478716	0.001301	PASS
N25	15	20	CP-QPSK	H	Outer_Full	NV	40	-7.218901	-0.003789	PASS
N25	15	20	CP-QPSK	H	Outer_Full	NV	50	3.299219	0.001732	PASS
N25	15	20	CP-16QAM	H	Outer_Full	NV	-30	-26.062897	-0.013681	PASS
N25	15	20	CP-16QAM	H	Outer_Full	NV	-20	32.656628	0.017143	PASS
N25	15	20	CP-16QAM	H	Outer_Full	NV	-10	-11.414811	-0.005992	PASS
N25	15	20	CP-16QAM	H	Outer_Full	NV	0	2.104123	0.001105	PASS
N25	15	20	CP-16QAM	H	Outer_Full	NV	10	-1.735945	-0.000911	PASS
N25	15	20	CP-16QAM	H	Outer_Full	NV	20	-26.989260	-0.014168	PASS
N25	15	20	CP-16QAM	H	Outer_Full	NV	30	-11.284933	-0.005924	PASS
N25	15	20	CP-16QAM	H	Outer_Full	NV	40	5.295523	0.002780	PASS
N25	15	20	CP-16QAM	H	Outer_Full	NV	50	-56.216122	-0.029510	PASS