



















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
N71	15	5	CP-QPSK	L	Outer_Full	VL	NT	-28.20	-0.04	PASS
N71	15	5	CP-QPSK	L	Outer_Full	VN	NT	85.60	0.13	PASS
N71	15	5	CP-QPSK	L	Outer_Full	VH	NT	-273.92	-0.41	PASS
N71	15	5	CP-16QAM	L	Outer_Full	VL	NT	-78.22	-0.12	PASS
N71	15	5	CP-16QAM	L	Outer_Full	VN	NT	14.84	0.02	PASS
N71	15	5	CP-16QAM	L	Outer_Full	VH	NT	-4.79	-0.01	PASS
N71	15	5	CP-QPSK	M	Outer_Full	VL	NT	-105.30	-0.15	PASS
N71	15	5	CP-QPSK	M	Outer_Full	VN	NT	97.40	0.14	PASS
N71	15	5	CP-QPSK	M	Outer_Full	VH	NT	-4.01	-0.01	PASS
N71	15	5	CP-16QAM	M	Outer_Full	VL	NT	102.09	0.15	PASS
N71	15	5	CP-16QAM	M	Outer_Full	VN	NT	-3.65	-0.01	PASS
N71	15	5	CP-16QAM	M	Outer_Full	VH	NT	-3.76	-0.01	PASS
N71	15	5	CP-QPSK	H	Outer_Full	VL	NT	-0.81	0.00	PASS
N71	15	5	CP-QPSK	H	Outer_Full	VN	NT	-2.96	0.00	PASS
N71	15	5	CP-QPSK	H	Outer_Full	VH	NT	-0.09	0.00	PASS
N71	15	5	CP-16QAM	H	Outer_Full	VL	NT	-0.61	0.00	PASS
N71	15	5	CP-16QAM	H	Outer_Full	VN	NT	-0.08	0.00	PASS
N71	15	5	CP-16QAM	H	Outer_Full	VH	NT	-3.54	-0.01	PASS
N71	15	10	CP-QPSK	L	Outer_Full	VL	NT	70.10	0.10	PASS
N71	15	10	CP-QPSK	L	Outer_Full	VN	NT	-8.34	-0.01	PASS
N71	15	10	CP-QPSK	L	Outer_Full	VH	NT	-6.16	-0.01	PASS
N71	15	10	CP-16QAM	L	Outer_Full	VL	NT	-64.90	-0.10	PASS
N71	15	10	CP-16QAM	L	Outer_Full	VN	NT	-3.92	-0.01	PASS
N71	15	10	CP-16QAM	L	Outer_Full	VH	NT	-79.36	-0.12	PASS
N71	15	10	CP-QPSK	M	Outer_Full	VL	NT	-68.03	-0.10	PASS
N71	15	10	CP-QPSK	M	Outer_Full	VN	NT	-13.93	-0.02	PASS
N71	15	10	CP-QPSK	M	Outer_Full	VH	NT	-4.73	-0.01	PASS
N71	15	10	CP-16QAM	M	Outer_Full	VL	NT	98.66	0.14	PASS
N71	15	10	CP-16QAM	M	Outer_Full	VN	NT	-135.69	-0.20	PASS
N71	15	10	CP-16QAM	M	Outer_Full	VH	NT	-4.85	-0.01	PASS
N71	15	10	CP-QPSK	H	Outer_Full	VL	NT	0.23	0.00	PASS
N71	15	10	CP-QPSK	H	Outer_Full	VN	NT	-97.56	-0.14	PASS

N71	15	10	CP-QPSK	H	Outer_Full	VH	NT	-95.90	-0.14	PASS
N71	15	10	CP-16QAM	H	Outer_Full	VL	NT	-34.05	-0.05	PASS
N71	15	10	CP-16QAM	H	Outer_Full	VN	NT	-1.33	0.00	PASS
N71	15	10	CP-16QAM	H	Outer_Full	VH	NT	-1.48	0.00	PASS
N71	15	15	CP-QPSK	L	Outer_Full	VL	NT	-89.14	-0.13	PASS
N71	15	15	CP-QPSK	L	Outer_Full	VN	NT	-87.19	-0.13	PASS
N71	15	15	CP-QPSK	L	Outer_Full	VH	NT	-10.93	-0.02	PASS
N71	15	15	CP-16QAM	L	Outer_Full	VL	NT	3.21	0.00	PASS
N71	15	15	CP-16QAM	L	Outer_Full	VN	NT	112.62	0.17	PASS
N71	15	15	CP-16QAM	L	Outer_Full	VH	NT	-37.87	-0.06	PASS
N71	15	15	CP-QPSK	M	Outer_Full	VL	NT	-2.81	0.00	PASS
N71	15	15	CP-QPSK	M	Outer_Full	VN	NT	157.66	0.23	PASS
N71	15	15	CP-QPSK	M	Outer_Full	VH	NT	61.17	0.09	PASS
N71	15	15	CP-16QAM	M	Outer_Full	VL	NT	-76.13	-0.11	PASS
N71	15	15	CP-16QAM	M	Outer_Full	VN	NT	85.28	0.13	PASS
N71	15	15	CP-16QAM	M	Outer_Full	VH	NT	-4.60	-0.01	PASS
N71	15	15	CP-QPSK	H	Outer_Full	VL	NT	-0.85	0.00	PASS
N71	15	15	CP-QPSK	H	Outer_Full	VN	NT	-62.22	-0.09	PASS
N71	15	15	CP-QPSK	H	Outer_Full	VH	NT	19.75	0.03	PASS
N71	15	15	CP-16QAM	H	Outer_Full	VL	NT	-4.05	-0.01	PASS
N71	15	15	CP-16QAM	H	Outer_Full	VN	NT	-68.91	-0.10	PASS
N71	15	15	CP-16QAM	H	Outer_Full	VH	NT	-1.53	0.00	PASS
N71	15	20	CP-QPSK	L	Outer_Full	VL	NT	15.15	0.02	PASS
N71	15	20	CP-QPSK	L	Outer_Full	VN	NT	-4.34	-0.01	PASS
N71	15	20	CP-QPSK	L	Outer_Full	VH	NT	137.76	0.20	PASS
N71	15	20	CP-16QAM	L	Outer_Full	VL	NT	-14.93	-0.02	PASS
N71	15	20	CP-16QAM	L	Outer_Full	VN	NT	-2.29	0.00	PASS
N71	15	20	CP-16QAM	L	Outer_Full	VH	NT	-3.28	0.00	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VL	NT	-73.70	-0.11	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VN	NT	-0.79	0.00	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VH	NT	-85.31	-0.13	PASS
N71	15	20	CP-16QAM	M	Outer_Full	VL	NT	-2.60	0.00	PASS
N71	15	20	CP-16QAM	M	Outer_Full	VN	NT	-2.29	0.00	PASS
N71	15	20	CP-16QAM	M	Outer_Full	VH	NT	-2.45	0.00	PASS
N71	15	20	CP-QPSK	H	Outer_Full	VL	NT	-35.83	-0.05	PASS
N71	15	20	CP-QPSK	H	Outer_Full	VN	NT	-52.14	-0.08	PASS
N71	15	20	CP-QPSK	H	Outer_Full	VH	NT	-2.62	0.00	PASS
N71	15	20	CP-16QAM	H	Outer_Full	VL	NT	6.19	0.01	PASS
N71	15	20	CP-16QAM	H	Outer_Full	VN	NT	-1.24	0.00	PASS
N71	15	20	CP-16QAM	H	Outer_Full	VH	NT	-2.32	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	5	CP-QPSK	L	Outer_Full	NV	-30	-3.194518	-0.004800	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	-20	-2.856188	-0.004292	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	-10	-3.829572	-0.005754	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	0	56.400963	0.084750	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	10	-3.551081	-0.005336	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	20	-5.649712	-0.008489	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	30	-3.442707	-0.005173	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	40	8.931460	0.013421	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	50	38.709343	0.058166	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	-30	24.008757	0.036076	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	-20	-22.827915	-0.034302	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	-10	-2.428539	-0.003649	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	0	-2.887081	-0.004338	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	10	8.084220	0.012148	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	20	6.762322	0.010161	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	30	0.589193	0.000885	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	40	36.378326	0.054663	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	50	-0.433827	-0.000652	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	-30	-4.500520	-0.006614	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	-20	-3.896002	-0.005725	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	-10	44.591267	0.065527	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	0	-39.683613	-0.058315	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	10	-5.735187	-0.008428	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	20	-3.473909	-0.005105	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	30	12.931156	0.019002	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	40	-22.237444	-0.032678	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	50	-166.978684	-0.245376	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	-30	-4.937317	-0.007255	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	-20	-5.074543	-0.007457	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	-10	-5.919354	-0.008699	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	0	67.344933	0.098964	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	10	-5.726536	-0.008415	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	20	-3.614609	-0.005312	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	30	-56.246365	-0.082654	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	40	-5.306198	-0.007797	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	50	-4.718906	-0.006934	PASS

N71	15	5	CP-QPSK	H	Outer_Full	NV	-30	-36.872444	-0.053016	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	-20	-20.041809	-0.028816	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	-10	-24.491833	-0.035215	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	0	-3.238631	-0.004657	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	10	39.563171	0.056885	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	20	-1.970018	-0.002833	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	30	-2.654651	-0.003817	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	40	4.786901	0.006883	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	50	-34.404896	-0.049468	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	-30	-1.081715	-0.001555	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	-20	-3.060012	-0.004400	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	-10	47.881168	0.068844	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	0	12.324196	0.017720	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	10	-2.008068	-0.002887	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	20	-3.231005	-0.004646	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	30	-1.675830	-0.002410	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	40	-168.652893	-0.242492	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	50	-75.227676	-0.108163	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	-30	-10.610559	-0.015884	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	-20	-5.394175	-0.008075	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	-10	-6.742514	-0.010094	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	0	-105.746887	-0.158304	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	10	131.668304	0.197108	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	20	-6.076728	-0.009097	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	30	-6.193216	-0.009271	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	40	-44.405823	-0.066476	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	50	-94.812950	-0.141936	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	-30	12.455539	0.018646	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	-20	-59.371838	-0.088880	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	-10	-5.285205	-0.007912	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	0	29.101439	0.043565	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	10	-5.215977	-0.007808	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	20	30.975286	0.046370	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	30	-60.970501	-0.091273	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	40	-80.026505	-0.119800	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	50	4.002668	0.005992	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	-30	43.421497	0.063808	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	-20	-5.133583	-0.007544	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	-10	-7.211582	-0.010597	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	0	-5.348422	-0.007860	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	10	-26.218769	-0.038529	PASS

N71	15	10	CP-QPSK	M	Outer_Full	NV	20	-7.575513	-0.011132	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	30	-3.643812	-0.005355	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	40	-4.784257	-0.007031	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	50	-2.372835	-0.003487	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	-30	-5.570560	-0.008186	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	-20	-24.825331	-0.036481	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	-10	69.608040	0.102290	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	0	12.639531	0.018574	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	10	24.659239	0.036237	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	20	53.361908	0.078416	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	30	-12.332993	-0.018123	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	40	-29.764473	-0.043739	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	50	-4.631421	-0.006806	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	-30	-37.073368	-0.053497	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	-20	-18.814308	-0.027149	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	-10	10.145409	0.014640	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	0	-3.304712	-0.004769	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	10	80.085823	0.115564	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	20	-68.443298	-0.098764	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	30	43.333187	0.062530	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	40	70.747322	0.102088	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	50	34.055183	0.049142	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	-30	-1.894833	-0.002734	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	-20	67.307732	0.097125	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	-10	-0.106519	-0.000154	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	0	-3.261620	-0.004707	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	10	1.192714	0.001721	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	20	-38.952541	-0.056209	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	30	-0.663537	-0.000957	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	40	-3.542292	-0.005112	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	50	60.846050	0.087801	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	-30	-5.264056	-0.007851	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	-20	45.492596	0.067849	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	-10	40.085758	0.059785	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	0	-2.617304	-0.003904	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	10	-24.458782	-0.036478	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	20	-3.686989	-0.005499	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	30	37.682766	0.056201	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	40	-47.634331	-0.071043	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	50	14.517264	0.021651	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	-30	-65.921242	-0.098317	PASS

N71	15	15	CP-16QAM	L	Outer_Full	NV	-20	-2.169219	-0.003235	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	-10	-2.733613	-0.004077	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	0	-3.304286	-0.004928	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	10	-3.227912	-0.004814	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	20	-3.177728	-0.004739	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	30	-3.534913	-0.005272	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	40	-0.248680	-0.000371	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	50	-28.489363	-0.042490	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	-30	-3.595728	-0.005284	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	-20	-3.477696	-0.005111	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	-10	98.636391	0.144947	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	0	76.277733	0.112091	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	10	-5.417093	-0.007960	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	20	-3.492221	-0.005132	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	30	-77.483398	-0.113862	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	40	-4.038670	-0.005935	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	50	-3.500129	-0.005143	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	-30	54.275509	0.079758	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	-20	-4.866212	-0.007151	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	-10	-94.104271	-0.138287	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	0	93.503799	0.137405	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	10	-3.218319	-0.004729	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	20	-40.428028	-0.059409	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	30	-4.052526	-0.005955	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	40	104.697212	0.153853	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	50	-64.283012	-0.094464	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	-30	-4.725464	-0.006844	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	-20	-3.886742	-0.005629	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	-10	-2.510517	-0.003636	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	0	51.300812	0.074295	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	10	-1.510612	-0.002188	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	20	-4.832534	-0.006999	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	30	-6.611265	-0.009575	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	40	-4.747400	-0.006875	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	50	-80.950768	-0.117235	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	-30	47.508327	0.068803	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	-20	-34.213772	-0.049549	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	-10	-256.662323	-0.371705	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	0	-33.452923	-0.048447	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	10	-2.672592	-0.003871	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	20	82.474899	0.119442	PASS

N71	15	15	CP-16QAM	H	Outer_Full	NV	30	-3.743660	-0.005422	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	40	-3.471192	-0.005027	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	50	-3.141667	-0.004550	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	-30	-4.126943	-0.006132	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	-20	-3.097818	-0.004603	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	-10	-100.332230	-0.149082	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	0	-12.930499	-0.019213	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	10	-8.331790	-0.012380	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	20	-137.369217	-0.204115	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	30	-1.541092	-0.002290	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	40	-15.983313	-0.023749	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	50	-4.995569	-0.007423	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	-30	-82.847275	-0.123101	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	-20	-0.960099	-0.001427	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	-10	-6.340550	-0.009421	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	0	71.802002	0.106689	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	10	-1.130450	-0.001680	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	20	-2.352082	-0.003495	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	30	-0.660235	-0.000981	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	40	-151.704300	-0.225415	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	50	-1.714721	-0.002548	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-30	66.296974	0.097424	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-20	-3.561929	-0.005234	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-10	-4.570920	-0.006717	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	0	-2.518063	-0.003700	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	10	-2.807301	-0.004125	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	20	-3.177078	-0.004669	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	30	-3.587303	-0.005272	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	40	13.896276	0.020421	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	50	-4.593810	-0.006751	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-30	40.094845	0.058920	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-20	-3.173303	-0.004663	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-10	7.168552	0.010534	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	0	-78.930473	-0.115989	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	10	-43.467648	-0.063876	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	20	-56.893986	-0.083606	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	30	-80.814323	-0.118757	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	40	39.880657	0.058605	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	50	-4.482353	-0.006587	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	-30	-3.363107	-0.004888	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	-20	46.763317	0.067970	PASS

N71	15	20	CP-QPSK	H	Outer_Full	NV	-10	-4.291838	-0.006238	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	0	0.513300	0.000746	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	10	-3.895190	-0.005662	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	20	37.790596	0.054928	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	30	-1.640590	-0.002385	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	40	-62.544765	-0.090908	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	50	-2.552879	-0.003711	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	-30	-69.997780	-0.101741	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	-20	-51.086380	-0.074253	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	-10	-3.667886	-0.005331	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	0	0.606498	0.000882	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	10	-4.515836	-0.006564	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	20	-14.292394	-0.020774	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	30	-22.549549	-0.032776	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	40	-2.338943	-0.003400	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	50	-1.255404	-0.001825	PASS