













## 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
N66	15	5	CP-QPSK	L	Outer_Full	VL	NT	19.47	0.01	PASS
N66	15	5	CP-QPSK	L	Outer_Full	VN	NT	5.71	0.00	PASS
N66	15	5	CP-QPSK	L	Outer_Full	VH	NT	-105.33	-0.06	PASS
N66	15	5	CP-16QAM	L	Outer_Full	VL	NT	5.37	0.00	PASS
N66	15	5	CP-16QAM	L	Outer_Full	VN	NT	29.82	0.02	PASS
N66	15	5	CP-16QAM	L	Outer_Full	VH	NT	-63.76	-0.04	PASS
N66	15	5	CP-QPSK	M	Outer_Full	VL	NT	6.96	0.00	PASS
N66	15	5	CP-QPSK	M	Outer_Full	VN	NT	52.86	0.03	PASS
N66	15	5	CP-QPSK	M	Outer_Full	VH	NT	3.23	0.00	PASS
N66	15	5	CP-16QAM	M	Outer_Full	VL	NT	-77.44	-0.04	PASS
N66	15	5	CP-16QAM	M	Outer_Full	VN	NT	-2.14	0.00	PASS
N66	15	5	CP-16QAM	M	Outer_Full	VH	NT	2.67	0.00	PASS
N66	15	5	CP-QPSK	H	Outer_Full	VL	NT	5.91	0.00	PASS
N66	15	5	CP-QPSK	H	Outer_Full	VN	NT	142.18	0.08	PASS
N66	15	5	CP-QPSK	H	Outer_Full	VH	NT	87.55	0.05	PASS
N66	15	5	CP-16QAM	H	Outer_Full	VL	NT	5.68	0.00	PASS
N66	15	5	CP-16QAM	H	Outer_Full	VN	NT	-92.76	-0.05	PASS
N66	15	5	CP-16QAM	H	Outer_Full	VH	NT	9.42	0.01	PASS
N66	15	10	CP-QPSK	L	Outer_Full	VL	NT	163.00	0.10	PASS
N66	15	10	CP-QPSK	L	Outer_Full	VN	NT	-53.32	-0.03	PASS
N66	15	10	CP-QPSK	L	Outer_Full	VH	NT	3.98	0.00	PASS
N66	15	10	CP-16QAM	L	Outer_Full	VL	NT	-1.24	0.00	PASS
N66	15	10	CP-16QAM	L	Outer_Full	VN	NT	-60.10	-0.04	PASS
N66	15	10	CP-16QAM	L	Outer_Full	VH	NT	-5.41	0.00	PASS
N66	15	10	CP-QPSK	M	Outer_Full	VL	NT	-2.28	0.00	PASS
N66	15	10	CP-QPSK	M	Outer_Full	VN	NT	89.23	0.05	PASS
N66	15	10	CP-QPSK	M	Outer_Full	VH	NT	-0.23	0.00	PASS
N66	15	10	CP-16QAM	M	Outer_Full	VL	NT	112.09	0.06	PASS
N66	15	10	CP-16QAM	M	Outer_Full	VN	NT	-0.29	0.00	PASS
N66	15	10	CP-16QAM	M	Outer_Full	VH	NT	-10.69	-0.01	PASS
N66	15	10	CP-QPSK	H	Outer_Full	VL	NT	-16.08	-0.01	PASS
N66	15	10	CP-QPSK	H	Outer_Full	VN	NT	-16.61	-0.01	PASS

N66	15	10	CP-QPSK	H	Outer_Full	VH	NT	-6.66	0.00	PASS
N66	15	10	CP-16QAM	H	Outer_Full	VL	NT	-6.33	0.00	PASS
N66	15	10	CP-16QAM	H	Outer_Full	VN	NT	-28.51	-0.02	PASS
N66	15	10	CP-16QAM	H	Outer_Full	VH	NT	2.24	0.00	PASS
N66	15	15	CP-QPSK	L	Outer_Full	VL	NT	-53.10	-0.03	PASS
N66	15	15	CP-QPSK	L	Outer_Full	VN	NT	8.70	0.01	PASS
N66	15	15	CP-QPSK	L	Outer_Full	VH	NT	-1.35	0.00	PASS
N66	15	15	CP-16QAM	L	Outer_Full	VL	NT	-4.97	0.00	PASS
N66	15	15	CP-16QAM	L	Outer_Full	VN	NT	41.72	0.02	PASS
N66	15	15	CP-16QAM	L	Outer_Full	VH	NT	-4.30	0.00	PASS
N66	15	15	CP-QPSK	M	Outer_Full	VL	NT	8.04	0.00	PASS
N66	15	15	CP-QPSK	M	Outer_Full	VN	NT	40.85	0.02	PASS
N66	15	15	CP-QPSK	M	Outer_Full	VH	NT	-1.88	0.00	PASS
N66	15	15	CP-16QAM	M	Outer_Full	VL	NT	-13.22	-0.01	PASS
N66	15	15	CP-16QAM	M	Outer_Full	VN	NT	-0.34	0.00	PASS
N66	15	15	CP-16QAM	M	Outer_Full	VH	NT	-6.27	0.00	PASS
N66	15	15	CP-QPSK	H	Outer_Full	VL	NT	-4.35	0.00	PASS
N66	15	15	CP-QPSK	H	Outer_Full	VN	NT	-13.80	-0.01	PASS
N66	15	15	CP-QPSK	H	Outer_Full	VH	NT	107.75	0.06	PASS
N66	15	15	CP-16QAM	H	Outer_Full	VL	NT	103.94	0.06	PASS
N66	15	15	CP-16QAM	H	Outer_Full	VN	NT	-10.11	-0.01	PASS
N66	15	15	CP-16QAM	H	Outer_Full	VH	NT	-1.69	0.00	PASS
N66	15	20	CP-QPSK	L	Outer_Full	VL	NT	-1.56	0.00	PASS
N66	15	20	CP-QPSK	L	Outer_Full	VN	NT	1.73	0.00	PASS
N66	15	20	CP-QPSK	L	Outer_Full	VH	NT	-8.49	0.00	PASS
N66	15	20	CP-16QAM	L	Outer_Full	VL	NT	2.26	0.00	PASS
N66	15	20	CP-16QAM	L	Outer_Full	VN	NT	-6.15	0.00	PASS
N66	15	20	CP-16QAM	L	Outer_Full	VH	NT	-65.72	-0.04	PASS
N66	15	20	CP-QPSK	M	Outer_Full	VL	NT	2.66	0.00	PASS
N66	15	20	CP-QPSK	M	Outer_Full	VN	NT	3.01	0.00	PASS
N66	15	20	CP-QPSK	M	Outer_Full	VH	NT	-6.39	0.00	PASS
N66	15	20	CP-16QAM	M	Outer_Full	VL	NT	-37.35	-0.02	PASS
N66	15	20	CP-16QAM	M	Outer_Full	VN	NT	-3.47	0.00	PASS
N66	15	20	CP-16QAM	M	Outer_Full	VH	NT	-10.80	-0.01	PASS
N66	15	20	CP-QPSK	H	Outer_Full	VL	NT	84.14	0.05	PASS
N66	15	20	CP-QPSK	H	Outer_Full	VN	NT	-10.26	-0.01	PASS
N66	15	20	CP-QPSK	H	Outer_Full	VH	NT	26.46	0.01	PASS
N66	15	20	CP-16QAM	H	Outer_Full	VL	NT	10.53	0.01	PASS
N66	15	20	CP-16QAM	H	Outer_Full	VN	NT	56.99	0.03	PASS
N66	15	20	CP-16QAM	H	Outer_Full	VH	NT	-40.00	-0.02	PASS



## Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	5	CP-QPSK	L	Outer_Full	NV	-30	11.956391	0.006982	PASS
N66	15	5	CP-QPSK	L	Outer_Full	NV	-20	139.341354	0.081367	PASS
N66	15	5	CP-QPSK	L	Outer_Full	NV	-10	4.283795	0.002501	PASS
N66	15	5	CP-QPSK	L	Outer_Full	NV	0	-9.005716	-0.005259	PASS
N66	15	5	CP-QPSK	L	Outer_Full	NV	10	16.043272	0.009368	PASS
N66	15	5	CP-QPSK	L	Outer_Full	NV	20	-5.220023	-0.003048	PASS
N66	15	5	CP-QPSK	L	Outer_Full	NV	30	-9.438184	-0.005511	PASS
N66	15	5	CP-QPSK	L	Outer_Full	NV	40	-30.022242	-0.017531	PASS
N66	15	5	CP-QPSK	L	Outer_Full	NV	50	4.647583	0.002714	PASS
N66	15	5	CP-16QAM	L	Outer_Full	NV	-30	52.888435	0.030884	PASS
N66	15	5	CP-16QAM	L	Outer_Full	NV	-20	101.642082	0.059353	PASS
N66	15	5	CP-16QAM	L	Outer_Full	NV	-10	86.397789	0.050451	PASS
N66	15	5	CP-16QAM	L	Outer_Full	NV	0	8.502560	0.004965	PASS
N66	15	5	CP-16QAM	L	Outer_Full	NV	10	8.435141	0.004926	PASS
N66	15	5	CP-16QAM	L	Outer_Full	NV	20	25.676510	0.014994	PASS
N66	15	5	CP-16QAM	L	Outer_Full	NV	30	13.616726	0.007951	PASS
N66	15	5	CP-16QAM	L	Outer_Full	NV	40	45.075218	0.026321	PASS
N66	15	5	CP-16QAM	L	Outer_Full	NV	50	80.283531	0.046881	PASS
N66	15	5	CP-QPSK	M	Outer_Full	NV	-30	-56.764221	-0.032530	PASS
N66	15	5	CP-QPSK	M	Outer_Full	NV	-20	2.452153	0.001405	PASS
N66	15	5	CP-QPSK	M	Outer_Full	NV	-10	3.521376	0.002018	PASS
N66	15	5	CP-QPSK	M	Outer_Full	NV	0	22.366793	0.012818	PASS
N66	15	5	CP-QPSK	M	Outer_Full	NV	10	0.929464	0.000533	PASS
N66	15	5	CP-QPSK	M	Outer_Full	NV	20	-35.022667	-0.020070	PASS
N66	15	5	CP-QPSK	M	Outer_Full	NV	30	-2.596118	-0.001488	PASS
N66	15	5	CP-QPSK	M	Outer_Full	NV	40	0.798088	0.000457	PASS
N66	15	5	CP-QPSK	M	Outer_Full	NV	50	-78.838608	-0.045180	PASS
N66	15	5	CP-16QAM	M	Outer_Full	NV	-30	-11.686423	-0.006697	PASS
N66	15	5	CP-16QAM	M	Outer_Full	NV	-20	-66.241287	-0.037961	PASS
N66	15	5	CP-16QAM	M	Outer_Full	NV	-10	46.027367	0.026377	PASS
N66	15	5	CP-16QAM	M	Outer_Full	NV	0	2.736678	0.001568	PASS
N66	15	5	CP-16QAM	M	Outer_Full	NV	10	-20.193438	-0.011572	PASS
N66	15	5	CP-16QAM	M	Outer_Full	NV	20	-19.539516	-0.011197	PASS
N66	15	5	CP-16QAM	M	Outer_Full	NV	30	-0.558617	-0.000320	PASS
N66	15	5	CP-16QAM	M	Outer_Full	NV	40	-15.225011	-0.008725	PASS
N66	15	5	CP-16QAM	M	Outer_Full	NV	50	-8.639546	-0.004951	PASS

N66	15	5	CP-QPSK	H	Outer_Full	NV	-30	-41.577267	-0.023391	PASS
N66	15	5	CP-QPSK	H	Outer_Full	NV	-20	38.006863	0.021382	PASS
N66	15	5	CP-QPSK	H	Outer_Full	NV	-10	1.188945	0.000669	PASS
N66	15	5	CP-QPSK	H	Outer_Full	NV	0	-115.294487	-0.064863	PASS
N66	15	5	CP-QPSK	H	Outer_Full	NV	10	-0.685716	-0.000386	PASS
N66	15	5	CP-QPSK	H	Outer_Full	NV	20	-19.030489	-0.010706	PASS
N66	15	5	CP-QPSK	H	Outer_Full	NV	30	1.357498	0.000764	PASS
N66	15	5	CP-QPSK	H	Outer_Full	NV	40	2.164145	0.001218	PASS
N66	15	5	CP-QPSK	H	Outer_Full	NV	50	97.888031	0.055071	PASS
N66	15	5	CP-16QAM	H	Outer_Full	NV	-30	12.296514	0.006918	PASS
N66	15	5	CP-16QAM	H	Outer_Full	NV	-20	-3.805978	-0.002141	PASS
N66	15	5	CP-16QAM	H	Outer_Full	NV	-10	-86.775673	-0.048819	PASS
N66	15	5	CP-16QAM	H	Outer_Full	NV	0	-40.008133	-0.022508	PASS
N66	15	5	CP-16QAM	H	Outer_Full	NV	10	4.640172	0.002611	PASS
N66	15	5	CP-16QAM	H	Outer_Full	NV	20	-53.722836	-0.030224	PASS
N66	15	5	CP-16QAM	H	Outer_Full	NV	30	38.326927	0.021562	PASS
N66	15	5	CP-16QAM	H	Outer_Full	NV	40	11.181713	0.006291	PASS
N66	15	5	CP-16QAM	H	Outer_Full	NV	50	1.907068	0.001073	PASS
N66	15	10	CP-QPSK	L	Outer_Full	NV	-30	122.471611	0.071412	PASS
N66	15	10	CP-QPSK	L	Outer_Full	NV	-20	-1.547462	-0.000902	PASS
N66	15	10	CP-QPSK	L	Outer_Full	NV	-10	14.241868	0.008304	PASS
N66	15	10	CP-QPSK	L	Outer_Full	NV	0	3.781102	0.002205	PASS
N66	15	10	CP-QPSK	L	Outer_Full	NV	10	-3.025228	-0.001764	PASS
N66	15	10	CP-QPSK	L	Outer_Full	NV	20	-9.689789	-0.005650	PASS
N66	15	10	CP-QPSK	L	Outer_Full	NV	30	8.474774	0.004942	PASS
N66	15	10	CP-QPSK	L	Outer_Full	NV	40	56.795864	0.033117	PASS
N66	15	10	CP-QPSK	L	Outer_Full	NV	50	1.425146	0.000831	PASS
N66	15	10	CP-16QAM	L	Outer_Full	NV	-30	31.893700	0.018597	PASS
N66	15	10	CP-16QAM	L	Outer_Full	NV	-20	-9.642286	-0.005622	PASS
N66	15	10	CP-16QAM	L	Outer_Full	NV	-10	-9.863430	-0.005751	PASS
N66	15	10	CP-16QAM	L	Outer_Full	NV	0	-10.378517	-0.006052	PASS
N66	15	10	CP-16QAM	L	Outer_Full	NV	10	-11.539278	-0.006728	PASS
N66	15	10	CP-16QAM	L	Outer_Full	NV	20	121.379517	0.070775	PASS
N66	15	10	CP-16QAM	L	Outer_Full	NV	30	9.992045	0.005826	PASS
N66	15	10	CP-16QAM	L	Outer_Full	NV	40	8.621627	0.005027	PASS
N66	15	10	CP-16QAM	L	Outer_Full	NV	50	9.248617	0.005393	PASS
N66	15	10	CP-QPSK	M	Outer_Full	NV	-30	-0.098093	-0.000056	PASS
N66	15	10	CP-QPSK	M	Outer_Full	NV	-20	90.266617	0.051729	PASS
N66	15	10	CP-QPSK	M	Outer_Full	NV	-10	-4.535261	-0.002599	PASS
N66	15	10	CP-QPSK	M	Outer_Full	NV	0	5.114502	0.002931	PASS
N66	15	10	CP-QPSK	M	Outer_Full	NV	10	-2.887614	-0.001655	PASS

N66	15	10	CP-QPSK	M	Outer_Full	NV	20	27.269852	0.015627	PASS
N66	15	10	CP-QPSK	M	Outer_Full	NV	30	3.578997	0.002051	PASS
N66	15	10	CP-QPSK	M	Outer_Full	NV	40	3.375935	0.001935	PASS
N66	15	10	CP-QPSK	M	Outer_Full	NV	50	-7.772619	-0.004454	PASS
N66	15	10	CP-16QAM	M	Outer_Full	NV	-30	11.026620	0.006319	PASS
N66	15	10	CP-16QAM	M	Outer_Full	NV	-20	-7.041911	-0.004035	PASS
N66	15	10	CP-16QAM	M	Outer_Full	NV	-10	-9.847056	-0.005643	PASS
N66	15	10	CP-16QAM	M	Outer_Full	NV	0	79.001625	0.045273	PASS
N66	15	10	CP-16QAM	M	Outer_Full	NV	10	3.883638	0.002226	PASS
N66	15	10	CP-16QAM	M	Outer_Full	NV	20	2.340499	0.001341	PASS
N66	15	10	CP-16QAM	M	Outer_Full	NV	30	15.009434	0.008601	PASS
N66	15	10	CP-16QAM	M	Outer_Full	NV	40	124.182434	0.071165	PASS
N66	15	10	CP-16QAM	M	Outer_Full	NV	50	-2.642373	-0.001514	PASS
N66	15	10	CP-QPSK	H	Outer_Full	NV	-30	-7.754331	-0.004369	PASS
N66	15	10	CP-QPSK	H	Outer_Full	NV	-20	-5.700844	-0.003212	PASS
N66	15	10	CP-QPSK	H	Outer_Full	NV	-10	-0.599424	-0.000338	PASS
N66	15	10	CP-QPSK	H	Outer_Full	NV	0	-11.384983	-0.006414	PASS
N66	15	10	CP-QPSK	H	Outer_Full	NV	10	-3.314026	-0.001867	PASS
N66	15	10	CP-QPSK	H	Outer_Full	NV	20	-6.322612	-0.003562	PASS
N66	15	10	CP-QPSK	H	Outer_Full	NV	30	9.303688	0.005242	PASS
N66	15	10	CP-QPSK	H	Outer_Full	NV	40	-10.060253	-0.005668	PASS
N66	15	10	CP-QPSK	H	Outer_Full	NV	50	0.697499	0.000393	PASS
N66	15	10	CP-16QAM	H	Outer_Full	NV	-30	-55.833504	-0.031455	PASS
N66	15	10	CP-16QAM	H	Outer_Full	NV	-20	-8.003820	-0.004509	PASS
N66	15	10	CP-16QAM	H	Outer_Full	NV	-10	-10.098456	-0.005689	PASS
N66	15	10	CP-16QAM	H	Outer_Full	NV	0	5.037096	0.002838	PASS
N66	15	10	CP-16QAM	H	Outer_Full	NV	10	1.404238	0.000791	PASS
N66	15	10	CP-16QAM	H	Outer_Full	NV	20	94.941887	0.053488	PASS
N66	15	10	CP-16QAM	H	Outer_Full	NV	30	-3.445150	-0.001941	PASS
N66	15	10	CP-16QAM	H	Outer_Full	NV	40	43.424583	0.024465	PASS
N66	15	10	CP-16QAM	H	Outer_Full	NV	50	-7.928552	-0.004467	PASS
N66	15	15	CP-QPSK	L	Outer_Full	NV	-30	33.754589	0.019653	PASS
N66	15	15	CP-QPSK	L	Outer_Full	NV	-20	81.069298	0.047202	PASS
N66	15	15	CP-QPSK	L	Outer_Full	NV	-10	3.229486	0.001880	PASS
N66	15	15	CP-QPSK	L	Outer_Full	NV	0	10.058121	0.005856	PASS
N66	15	15	CP-QPSK	L	Outer_Full	NV	10	5.226793	0.003043	PASS
N66	15	15	CP-QPSK	L	Outer_Full	NV	20	7.621557	0.004438	PASS
N66	15	15	CP-QPSK	L	Outer_Full	NV	30	-2.306400	-0.001343	PASS
N66	15	15	CP-QPSK	L	Outer_Full	NV	40	-31.122313	-0.018121	PASS
N66	15	15	CP-QPSK	L	Outer_Full	NV	50	0.097256	0.000057	PASS
N66	15	15	CP-16QAM	L	Outer_Full	NV	-30	11.996968	0.006985	PASS

N66	15	15	CP-16QAM	L	Outer_Full	NV	-20	-85.931786	-0.050033	PASS
N66	15	15	CP-16QAM	L	Outer_Full	NV	-10	0.117059	0.000068	PASS
N66	15	15	CP-16QAM	L	Outer_Full	NV	0	17.747538	0.010333	PASS
N66	15	15	CP-16QAM	L	Outer_Full	NV	10	12.394569	0.007217	PASS
N66	15	15	CP-16QAM	L	Outer_Full	NV	20	-56.918499	-0.033140	PASS
N66	15	15	CP-16QAM	L	Outer_Full	NV	30	0.573437	0.000334	PASS
N66	15	15	CP-16QAM	L	Outer_Full	NV	40	-2.770189	-0.001613	PASS
N66	15	15	CP-16QAM	L	Outer_Full	NV	50	13.264411	0.007723	PASS
N66	15	15	CP-QPSK	M	Outer_Full	NV	-30	14.459547	0.008286	PASS
N66	15	15	CP-QPSK	M	Outer_Full	NV	-20	0.593272	0.000340	PASS
N66	15	15	CP-QPSK	M	Outer_Full	NV	-10	4.413968	0.002529	PASS
N66	15	15	CP-QPSK	M	Outer_Full	NV	0	-9.900257	-0.005673	PASS
N66	15	15	CP-QPSK	M	Outer_Full	NV	10	4.507812	0.002583	PASS
N66	15	15	CP-QPSK	M	Outer_Full	NV	20	-11.900244	-0.006820	PASS
N66	15	15	CP-QPSK	M	Outer_Full	NV	30	-50.228142	-0.028784	PASS
N66	15	15	CP-QPSK	M	Outer_Full	NV	40	7.523733	0.004312	PASS
N66	15	15	CP-QPSK	M	Outer_Full	NV	50	35.997356	0.020629	PASS
N66	15	15	CP-16QAM	M	Outer_Full	NV	-30	8.099772	0.004642	PASS
N66	15	15	CP-16QAM	M	Outer_Full	NV	-20	1.698141	0.000973	PASS
N66	15	15	CP-16QAM	M	Outer_Full	NV	-10	-4.763347	-0.002730	PASS
N66	15	15	CP-16QAM	M	Outer_Full	NV	0	57.503807	0.032953	PASS
N66	15	15	CP-16QAM	M	Outer_Full	NV	10	-126.984093	-0.072770	PASS
N66	15	15	CP-16QAM	M	Outer_Full	NV	20	1.129292	0.000647	PASS
N66	15	15	CP-16QAM	M	Outer_Full	NV	30	-4.246912	-0.002434	PASS
N66	15	15	CP-16QAM	M	Outer_Full	NV	40	-9.573377	-0.005486	PASS
N66	15	15	CP-16QAM	M	Outer_Full	NV	50	-15.318682	-0.008779	PASS
N66	15	15	CP-QPSK	H	Outer_Full	NV	-30	-3.762261	-0.002123	PASS
N66	15	15	CP-QPSK	H	Outer_Full	NV	-20	7.591401	0.004283	PASS
N66	15	15	CP-QPSK	H	Outer_Full	NV	-10	-9.945679	-0.005611	PASS
N66	15	15	CP-QPSK	H	Outer_Full	NV	0	-71.996223	-0.040618	PASS
N66	15	15	CP-QPSK	H	Outer_Full	NV	10	-8.122811	-0.004583	PASS
N66	15	15	CP-QPSK	H	Outer_Full	NV	20	-42.478439	-0.023965	PASS
N66	15	15	CP-QPSK	H	Outer_Full	NV	30	0.902285	0.000509	PASS
N66	15	15	CP-QPSK	H	Outer_Full	NV	40	-26.483507	-0.014941	PASS
N66	15	15	CP-QPSK	H	Outer_Full	NV	50	104.166290	0.058768	PASS
N66	15	15	CP-16QAM	H	Outer_Full	NV	-30	-11.079827	-0.006251	PASS
N66	15	15	CP-16QAM	H	Outer_Full	NV	-20	-2.221972	-0.001254	PASS
N66	15	15	CP-16QAM	H	Outer_Full	NV	-10	-9.851512	-0.005558	PASS
N66	15	15	CP-16QAM	H	Outer_Full	NV	0	0.665495	0.000375	PASS
N66	15	15	CP-16QAM	H	Outer_Full	NV	10	-8.300124	-0.004683	PASS
N66	15	15	CP-16QAM	H	Outer_Full	NV	20	-13.505898	-0.007620	PASS

N66	15	15	CP-16QAM	H	Outer_Full	NV	30	-1.034810	-0.000584	PASS
N66	15	15	CP-16QAM	H	Outer_Full	NV	40	20.875179	0.011777	PASS
N66	15	15	CP-16QAM	H	Outer_Full	NV	50	-14.479401	-0.008169	PASS
N66	15	20	CP-QPSK	L	Outer_Full	NV	-30	-67.405937	-0.039189	PASS
N66	15	20	CP-QPSK	L	Outer_Full	NV	-20	-8.674205	-0.005043	PASS
N66	15	20	CP-QPSK	L	Outer_Full	NV	-10	-4.443929	-0.002584	PASS
N66	15	20	CP-QPSK	L	Outer_Full	NV	0	2.600737	0.001512	PASS
N66	15	20	CP-QPSK	L	Outer_Full	NV	10	-10.922343	-0.006350	PASS
N66	15	20	CP-QPSK	L	Outer_Full	NV	20	76.612267	0.044542	PASS
N66	15	20	CP-QPSK	L	Outer_Full	NV	30	91.016014	0.052916	PASS
N66	15	20	CP-QPSK	L	Outer_Full	NV	40	31.675020	0.018416	PASS
N66	15	20	CP-QPSK	L	Outer_Full	NV	50	-10.338598	-0.006011	PASS
N66	15	20	CP-16QAM	L	Outer_Full	NV	-30	3.249725	0.001889	PASS
N66	15	20	CP-16QAM	L	Outer_Full	NV	-20	-3.623947	-0.002107	PASS
N66	15	20	CP-16QAM	L	Outer_Full	NV	-10	-9.300377	-0.005407	PASS
N66	15	20	CP-16QAM	L	Outer_Full	NV	0	-56.036823	-0.032580	PASS
N66	15	20	CP-16QAM	L	Outer_Full	NV	10	1.637774	0.000952	PASS
N66	15	20	CP-16QAM	L	Outer_Full	NV	20	-8.199217	-0.004767	PASS
N66	15	20	CP-16QAM	L	Outer_Full	NV	30	-7.579411	-0.004407	PASS
N66	15	20	CP-16QAM	L	Outer_Full	NV	40	-11.705587	-0.006806	PASS
N66	15	20	CP-16QAM	L	Outer_Full	NV	50	6.466477	0.003760	PASS
N66	15	20	CP-QPSK	M	Outer_Full	NV	-30	-7.527259	-0.004314	PASS
N66	15	20	CP-QPSK	M	Outer_Full	NV	-20	-5.980031	-0.003427	PASS
N66	15	20	CP-QPSK	M	Outer_Full	NV	-10	19.060164	0.010923	PASS
N66	15	20	CP-QPSK	M	Outer_Full	NV	0	5.698050	0.003265	PASS
N66	15	20	CP-QPSK	M	Outer_Full	NV	10	-5.860657	-0.003359	PASS
N66	15	20	CP-QPSK	M	Outer_Full	NV	20	2.922281	0.001675	PASS
N66	15	20	CP-QPSK	M	Outer_Full	NV	30	-9.984361	-0.005722	PASS
N66	15	20	CP-QPSK	M	Outer_Full	NV	40	-24.266733	-0.013906	PASS
N66	15	20	CP-QPSK	M	Outer_Full	NV	50	12.675580	0.007264	PASS
N66	15	20	CP-16QAM	M	Outer_Full	NV	-30	5.086370	0.002915	PASS
N66	15	20	CP-16QAM	M	Outer_Full	NV	-20	-99.858620	-0.057226	PASS
N66	15	20	CP-16QAM	M	Outer_Full	NV	-10	-8.702375	-0.004987	PASS
N66	15	20	CP-16QAM	M	Outer_Full	NV	0	-3.972904	-0.002277	PASS
N66	15	20	CP-16QAM	M	Outer_Full	NV	10	1.560860	0.000894	PASS
N66	15	20	CP-16QAM	M	Outer_Full	NV	20	-3.614091	-0.002071	PASS
N66	15	20	CP-16QAM	M	Outer_Full	NV	30	-12.659150	-0.007255	PASS
N66	15	20	CP-16QAM	M	Outer_Full	NV	40	-58.843658	-0.033721	PASS
N66	15	20	CP-16QAM	M	Outer_Full	NV	50	-33.900494	-0.019427	PASS
N66	15	20	CP-QPSK	H	Outer_Full	NV	-30	61.703674	0.034861	PASS
N66	15	20	CP-QPSK	H	Outer_Full	NV	-20	30.722677	0.017357	PASS

N66	15	20	CP-QPSK	H	Outer_Full	NV	-10	7.350970	0.004153	PASS
N66	15	20	CP-QPSK	H	Outer_Full	NV	0	59.237995	0.033468	PASS
N66	15	20	CP-QPSK	H	Outer_Full	NV	10	-45.517799	-0.025716	PASS
N66	15	20	CP-QPSK	H	Outer_Full	NV	20	44.511139	0.025148	PASS
N66	15	20	CP-QPSK	H	Outer_Full	NV	30	-4.148937	-0.002344	PASS
N66	15	20	CP-QPSK	H	Outer_Full	NV	40	-66.658577	-0.037660	PASS
N66	15	20	CP-QPSK	H	Outer_Full	NV	50	-18.681643	-0.010555	PASS
N66	15	20	CP-16QAM	H	Outer_Full	NV	-30	-1.899170	-0.001073	PASS
N66	15	20	CP-16QAM	H	Outer_Full	NV	-20	7.923475	0.004477	PASS
N66	15	20	CP-16QAM	H	Outer_Full	NV	-10	-1.143551	-0.000646	PASS
N66	15	20	CP-16QAM	H	Outer_Full	NV	0	30.541126	0.017255	PASS
N66	15	20	CP-16QAM	H	Outer_Full	NV	10	0.862690	0.000487	PASS
N66	15	20	CP-16QAM	H	Outer_Full	NV	20	-7.108943	-0.004016	PASS
N66	15	20	CP-16QAM	H	Outer_Full	NV	30	4.454228	0.002517	PASS
N66	15	20	CP-16QAM	H	Outer_Full	NV	40	-37.483765	-0.021177	PASS
N66	15	20	CP-16QAM	H	Outer_Full	NV	50	8.419518	0.004757	PASS