













## 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	-0.71	0.00	PASS
N71	15	5	CP-QPSK	L	Outer_Full	VN	NT	-3.34	-0.01	PASS
N71	15	5	CP-QPSK	L	Outer_Full	VH	NT	-3.84	-0.01	PASS
N71	15	5	CP-16QAM	L	Outer_Full	VL	NT	19.24	0.03	PASS
N71	15	5	CP-16QAM	L	Outer_Full	VN	NT	15.65	0.02	PASS
N71	15	5	CP-16QAM	L	Outer_Full	VH	NT	-5.00	-0.01	PASS
N71	15	5	CP-QPSK	M	Outer_Full	VL	NT	-81.68	-0.12	PASS
N71	15	5	CP-QPSK	M	Outer_Full	VN	NT	48.74	0.07	PASS
N71	15	5	CP-QPSK	M	Outer_Full	VH	NT	6.59	0.01	PASS
N71	15	5	CP-16QAM	M	Outer_Full	VL	NT	-0.13	0.00	PASS
N71	15	5	CP-16QAM	M	Outer_Full	VN	NT	-3.85	-0.01	PASS
N71	15	5	CP-16QAM	M	Outer_Full	VH	NT	-4.70	-0.01	PASS
N71	15	5	CP-QPSK	H	Outer_Full	VL	NT	-4.20	-0.01	PASS
N71	15	5	CP-QPSK	H	Outer_Full	VN	NT	-155.86	-0.22	PASS
N71	15	5	CP-QPSK	H	Outer_Full	VH	NT	144.41	0.21	PASS
N71	15	5	CP-16QAM	H	Outer_Full	VL	NT	43.53	0.06	PASS
N71	15	5	CP-16QAM	H	Outer_Full	VN	NT	-2.95	0.00	PASS
N71	15	5	CP-16QAM	H	Outer_Full	VH	NT	-41.89	-0.06	PASS
N71	15	10	CP-QPSK	L	Outer_Full	VL	NT	115.22	0.17	PASS
N71	15	10	CP-QPSK	L	Outer_Full	VN	NT	-0.14	0.00	PASS
N71	15	10	CP-QPSK	L	Outer_Full	VH	NT	31.43	0.05	PASS
N71	15	10	CP-16QAM	L	Outer_Full	VL	NT	3.27	0.00	PASS
N71	15	10	CP-16QAM	L	Outer_Full	VN	NT	3.40	0.01	PASS
N71	15	10	CP-16QAM	L	Outer_Full	VH	NT	1.45	0.00	PASS
N71	15	10	CP-QPSK	M	Outer_Full	VL	NT	-10.05	-0.01	PASS
N71	15	10	CP-QPSK	M	Outer_Full	VN	NT	-5.01	-0.01	PASS
N71	15	10	CP-QPSK	M	Outer_Full	VH	NT	6.43	0.01	PASS
N71	15	10	CP-16QAM	M	Outer_Full	VL	NT	-2.95	0.00	PASS
N71	15	10	CP-16QAM	M	Outer_Full	VN	NT	-3.19	0.00	PASS
N71	15	10	CP-16QAM	M	Outer_Full	VH	NT	-2.70	0.00	PASS
N71	15	10	CP-QPSK	H	Outer_Full	VL	NT	1.51	0.00	PASS
N71	15	10	CP-QPSK	H	Outer_Full	VN	NT	-2.48	0.00	PASS

N71	15	10	CP-QPSK	H	Outer_Full	VH	NT	68.64	0.10	PASS
N71	15	10	CP-16QAM	H	Outer_Full	VL	NT	1.79	0.00	PASS
N71	15	10	CP-16QAM	H	Outer_Full	VN	NT	108.92	0.16	PASS
N71	15	10	CP-16QAM	H	Outer_Full	VH	NT	-2.44	0.00	PASS
N71	15	15	CP-QPSK	L	Outer_Full	VL	NT	70.79	0.11	PASS
N71	15	15	CP-QPSK	L	Outer_Full	VN	NT	7.71	0.01	PASS
N71	15	15	CP-QPSK	L	Outer_Full	VH	NT	0.36	0.00	PASS
N71	15	15	CP-16QAM	L	Outer_Full	VL	NT	-0.97	0.00	PASS
N71	15	15	CP-16QAM	L	Outer_Full	VN	NT	3.83	0.01	PASS
N71	15	15	CP-16QAM	L	Outer_Full	VH	NT	104.65	0.16	PASS
N71	15	15	CP-QPSK	M	Outer_Full	VL	NT	-4.63	-0.01	PASS
N71	15	15	CP-QPSK	M	Outer_Full	VN	NT	-30.75	-0.05	PASS
N71	15	15	CP-QPSK	M	Outer_Full	VH	NT	-10.30	-0.02	PASS
N71	15	15	CP-16QAM	M	Outer_Full	VL	NT	-74.85	-0.11	PASS
N71	15	15	CP-16QAM	M	Outer_Full	VN	NT	-3.56	-0.01	PASS
N71	15	15	CP-16QAM	M	Outer_Full	VH	NT	-4.79	-0.01	PASS
N71	15	15	CP-QPSK	H	Outer_Full	VL	NT	-0.46	0.00	PASS
N71	15	15	CP-QPSK	H	Outer_Full	VN	NT	-0.32	0.00	PASS
N71	15	15	CP-QPSK	H	Outer_Full	VH	NT	65.08	0.09	PASS
N71	15	15	CP-16QAM	H	Outer_Full	VL	NT	58.01	0.08	PASS
N71	15	15	CP-16QAM	H	Outer_Full	VN	NT	-0.67	0.00	PASS
N71	15	15	CP-16QAM	H	Outer_Full	VH	NT	48.28	0.07	PASS
N71	15	20	CP-QPSK	L	Outer_Full	VL	NT	-0.73	0.00	PASS
N71	15	20	CP-QPSK	L	Outer_Full	VN	NT	-2.27	0.00	PASS
N71	15	20	CP-QPSK	L	Outer_Full	VH	NT	-3.26	0.00	PASS
N71	15	20	CP-16QAM	L	Outer_Full	VL	NT	32.25	0.05	PASS
N71	15	20	CP-16QAM	L	Outer_Full	VN	NT	-3.38	-0.01	PASS
N71	15	20	CP-16QAM	L	Outer_Full	VH	NT	86.32	0.13	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VL	NT	0.46	0.00	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VN	NT	-5.27	-0.01	PASS
N71	15	20	CP-QPSK	M	Outer_Full	VH	NT	44.74	0.07	PASS
N71	15	20	CP-16QAM	M	Outer_Full	VL	NT	2.90	0.00	PASS
N71	15	20	CP-16QAM	M	Outer_Full	VN	NT	-1.38	0.00	PASS
N71	15	20	CP-16QAM	M	Outer_Full	VH	NT	-41.61	-0.06	PASS
N71	15	20	CP-QPSK	H	Outer_Full	VL	NT	-2.52	0.00	PASS
N71	15	20	CP-QPSK	H	Outer_Full	VN	NT	-3.86	-0.01	PASS
N71	15	20	CP-QPSK	H	Outer_Full	VH	NT	-2.14	0.00	PASS
N71	15	20	CP-16QAM	H	Outer_Full	VL	NT	44.73	0.07	PASS
N71	15	20	CP-16QAM	H	Outer_Full	VN	NT	-24.83	-0.04	PASS
N71	15	20	CP-16QAM	H	Outer_Full	VH	NT	-1.56	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	-3.635388	-0.005463	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	-20	61.351807	0.092189	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	-10	-4.171325	-0.006268	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	0	-20.896959	-0.031400	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	10	-92.425301	-0.138881	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	20	-2.706322	-0.004067	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	30	31.192331	0.046871	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	40	62.942768	0.094580	PASS
N71	15	5	CP-QPSK	L	Outer_Full	NV	50	-5.032437	-0.007562	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	-30	-4.659568	-0.007002	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	-20	-4.633032	-0.006962	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	-10	6.400131	0.009617	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	0	-23.403992	-0.035168	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	10	97.294922	0.146198	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	20	58.346340	0.087673	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	30	-2.231960	-0.003354	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	40	-3.135628	-0.004712	PASS
N71	15	5	CP-16QAM	L	Outer_Full	NV	50	15.949166	0.023966	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	-30	-5.282217	-0.007762	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	-20	85.368874	0.125450	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	-10	-51.262184	-0.075330	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	0	79.568443	0.116926	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	10	-2.819791	-0.004144	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	20	-47.342884	-0.069571	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	30	-3.952620	-0.005808	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	40	-4.363050	-0.006412	PASS
N71	15	5	CP-QPSK	M	Outer_Full	NV	50	-1.161010	-0.001706	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	-30	-5.098477	-0.007492	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	-20	-5.561012	-0.008172	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	-10	-64.769676	-0.095180	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	0	42.823311	0.062929	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	10	-4.293168	-0.006309	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	20	18.036356	0.026505	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	30	-2.797352	-0.004111	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	40	-3.610061	-0.005305	PASS
N71	15	5	CP-16QAM	M	Outer_Full	NV	50	36.400307	0.053491	PASS

N71	15	5	CP-QPSK	H	Outer_Full	NV	-30	-6.374414	-0.009165	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	-20	-126.083023	-0.181284	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	-10	-3.603529	-0.005181	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	0	-2.331275	-0.003352	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	10	-3.449650	-0.004960	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	20	-4.342952	-0.006244	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	30	-38.716885	-0.055668	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	40	-5.443357	-0.007827	PASS
N71	15	5	CP-QPSK	H	Outer_Full	NV	50	-6.197664	-0.008911	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	-30	-3.393792	-0.004880	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	-20	-3.136859	-0.004510	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	-10	58.581932	0.084230	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	0	123.266960	0.177235	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	10	112.023209	0.161069	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	20	-3.077582	-0.004425	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	30	-3.393225	-0.004879	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	40	-116.380127	-0.167333	PASS
N71	15	5	CP-16QAM	H	Outer_Full	NV	50	-75.377510	-0.108379	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	-30	-119.498650	-0.178890	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	-20	1.642104	0.002458	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	-10	3.164091	0.004737	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	0	-72.990593	-0.109267	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	10	37.426613	0.056028	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	20	1.290194	0.001931	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	30	1.179830	0.001766	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	40	4.716124	0.007060	PASS
N71	15	10	CP-QPSK	L	Outer_Full	NV	50	2.018571	0.003022	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	-30	2.448085	0.003665	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	-20	1.339868	0.002006	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	-10	57.259670	0.085718	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	0	38.592007	0.057772	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	10	1.273777	0.001907	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	20	79.158585	0.118501	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	30	3.840668	0.005750	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	40	51.349289	0.076870	PASS
N71	15	10	CP-16QAM	L	Outer_Full	NV	50	34.572388	0.051755	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	-30	43.902328	0.064515	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	-20	-58.974754	-0.086664	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	-10	103.423256	0.151981	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	0	-1.715041	-0.002520	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	10	-6.450584	-0.009479	PASS

N71	15	10	CP-QPSK	M	Outer_Full	NV	20	-1.299035	-0.001909	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	30	-5.221442	-0.007673	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	40	-5.556769	-0.008166	PASS
N71	15	10	CP-QPSK	M	Outer_Full	NV	50	-2.832804	-0.004163	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	-30	25.444616	0.037391	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	-20	-0.744166	-0.001094	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	-10	-5.097421	-0.007491	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	0	12.380587	0.018193	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	10	-128.882126	-0.189393	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	20	-0.846063	-0.001243	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	30	-2.928434	-0.004303	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	40	-34.774761	-0.051102	PASS
N71	15	10	CP-16QAM	M	Outer_Full	NV	50	-1.062895	-0.001562	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	-30	-3.498987	-0.005049	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	-20	-86.630211	-0.125008	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	-10	-1.815290	-0.002619	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	0	-1.452183	-0.002096	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	10	-0.343213	-0.000495	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	20	-102.204330	-0.147481	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	30	-3.624295	-0.005230	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	40	-96.308159	-0.138973	PASS
N71	15	10	CP-QPSK	H	Outer_Full	NV	50	-105.598694	-0.152379	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	-30	-3.022733	-0.004362	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	-20	69.960480	0.100953	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	-10	2.659778	0.003838	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	0	28.022196	0.040436	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	10	13.593548	0.019616	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	20	-126.892319	-0.183106	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	30	-0.744196	-0.001074	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	40	-30.155319	-0.043514	PASS
N71	15	10	CP-16QAM	H	Outer_Full	NV	50	3.057244	0.004412	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	-30	18.576027	0.027705	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	-20	2.892676	0.004314	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	-10	-2.028727	-0.003026	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	0	0.248961	0.000371	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	10	-3.623294	-0.005404	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	20	10.574133	0.015771	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	30	-95.034065	-0.141736	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	40	-5.721129	-0.008533	PASS
N71	15	15	CP-QPSK	L	Outer_Full	NV	50	-1.514928	-0.002259	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	-30	-2.255563	-0.003364	PASS

N71	15	15	CP-16QAM	L	Outer_Full	NV	-20	-0.702180	-0.001047	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	-10	-2.133125	-0.003181	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	0	2.873350	0.004285	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	10	-1.187273	-0.001771	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	20	-93.431099	-0.139345	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	30	3.680527	0.005489	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	40	-0.796846	-0.001188	PASS
N71	15	15	CP-16QAM	L	Outer_Full	NV	50	-1.589649	-0.002371	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	-30	-26.145422	-0.038421	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	-20	-3.732738	-0.005485	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	-10	0.253549	0.000373	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	0	-4.223456	-0.006206	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	10	-93.924095	-0.138022	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	20	5.122174	0.007527	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	30	-2.973174	-0.004369	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	40	-3.201180	-0.004704	PASS
N71	15	15	CP-QPSK	M	Outer_Full	NV	50	-9.627959	-0.014148	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	-30	47.726902	0.070135	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	-20	-0.815076	-0.001198	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	-10	55.853085	0.082077	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	0	-2.294655	-0.003372	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	10	-37.689358	-0.055385	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	20	-2.660716	-0.003910	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	30	-36.218372	-0.053223	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	40	-18.217758	-0.026771	PASS
N71	15	15	CP-16QAM	M	Outer_Full	NV	50	7.438087	0.010930	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	-30	-44.970657	-0.065128	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	-20	-30.556005	-0.044252	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	-10	0.425754	0.000617	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	0	85.675545	0.124078	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	10	50.721455	0.073456	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	20	52.236660	0.075650	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	30	1.207537	0.001749	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	40	4.351646	0.006302	PASS
N71	15	15	CP-QPSK	H	Outer_Full	NV	50	-33.910660	-0.049110	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	-30	0.637564	0.000923	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	-20	1.170633	0.001695	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	-10	2.351440	0.003405	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	0	-0.534098	-0.000773	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	10	-77.451775	-0.112168	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	20	41.052666	0.059454	PASS

N71	15	15	CP-16QAM	H	Outer_Full	NV	30	7.308129	0.010584	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	40	1.200870	0.001739	PASS
N71	15	15	CP-16QAM	H	Outer_Full	NV	50	-1.283706	-0.001859	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	-30	-5.903507	-0.008772	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	-20	-6.528857	-0.009701	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	-10	33.173931	0.049293	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	0	-32.882065	-0.048859	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	10	-9.079562	-0.013491	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	20	-4.394420	-0.006530	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	30	15.730665	0.023374	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	40	-106.845802	-0.158760	PASS
N71	15	20	CP-QPSK	L	Outer_Full	NV	50	-2.745729	-0.004080	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	-30	13.432544	0.019959	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	-20	-4.850268	-0.007207	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	-10	-1.244751	-0.001850	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	0	2.559580	0.003803	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	10	-2.520472	-0.003745	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	20	36.775208	0.054644	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	30	-2.984424	-0.004435	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	40	-4.827045	-0.007172	PASS
N71	15	20	CP-16QAM	L	Outer_Full	NV	50	-6.112025	-0.009082	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-30	-8.797091	-0.012927	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-20	45.277805	0.066536	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	-10	-3.401261	-0.004998	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	0	-2.463692	-0.003620	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	10	-26.136900	-0.038408	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	20	-2.113932	-0.003106	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	30	52.948025	0.077808	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	40	48.475979	0.071236	PASS
N71	15	20	CP-QPSK	M	Outer_Full	NV	50	-0.995199	-0.001462	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-30	-50.095665	-0.073616	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-20	-7.582042	-0.011142	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	-10	11.308445	0.016618	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	0	-12.135887	-0.017834	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	10	-4.773466	-0.007015	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	20	-2.893770	-0.004252	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	30	69.438873	0.102041	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	40	-0.560999	-0.000824	PASS
N71	15	20	CP-16QAM	M	Outer_Full	NV	50	90.523811	0.133025	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	-30	-4.915732	-0.007145	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	-20	-5.744147	-0.008349	PASS

N71	15	20	CP-QPSK	H	Outer_Full	NV	-10	-45.736820	-0.066478	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	0	-0.903737	-0.001314	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	10	-2.830529	-0.004114	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	20	16.345543	0.023758	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	30	-4.786039	-0.006956	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	40	5.655066	0.008220	PASS
N71	15	20	CP-QPSK	H	Outer_Full	NV	50	83.044998	0.120705	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	-30	-101.219482	-0.147121	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	-20	-51.060173	-0.074215	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	-10	-5.880321	-0.008547	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	0	-7.935772	-0.011535	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	10	-6.477895	-0.009416	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	20	-146.319794	-0.212674	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	30	-3.830370	-0.005567	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	40	24.558762	0.035696	PASS
N71	15	20	CP-16QAM	H	Outer_Full	NV	50	-1.550527	-0.002254	PASS