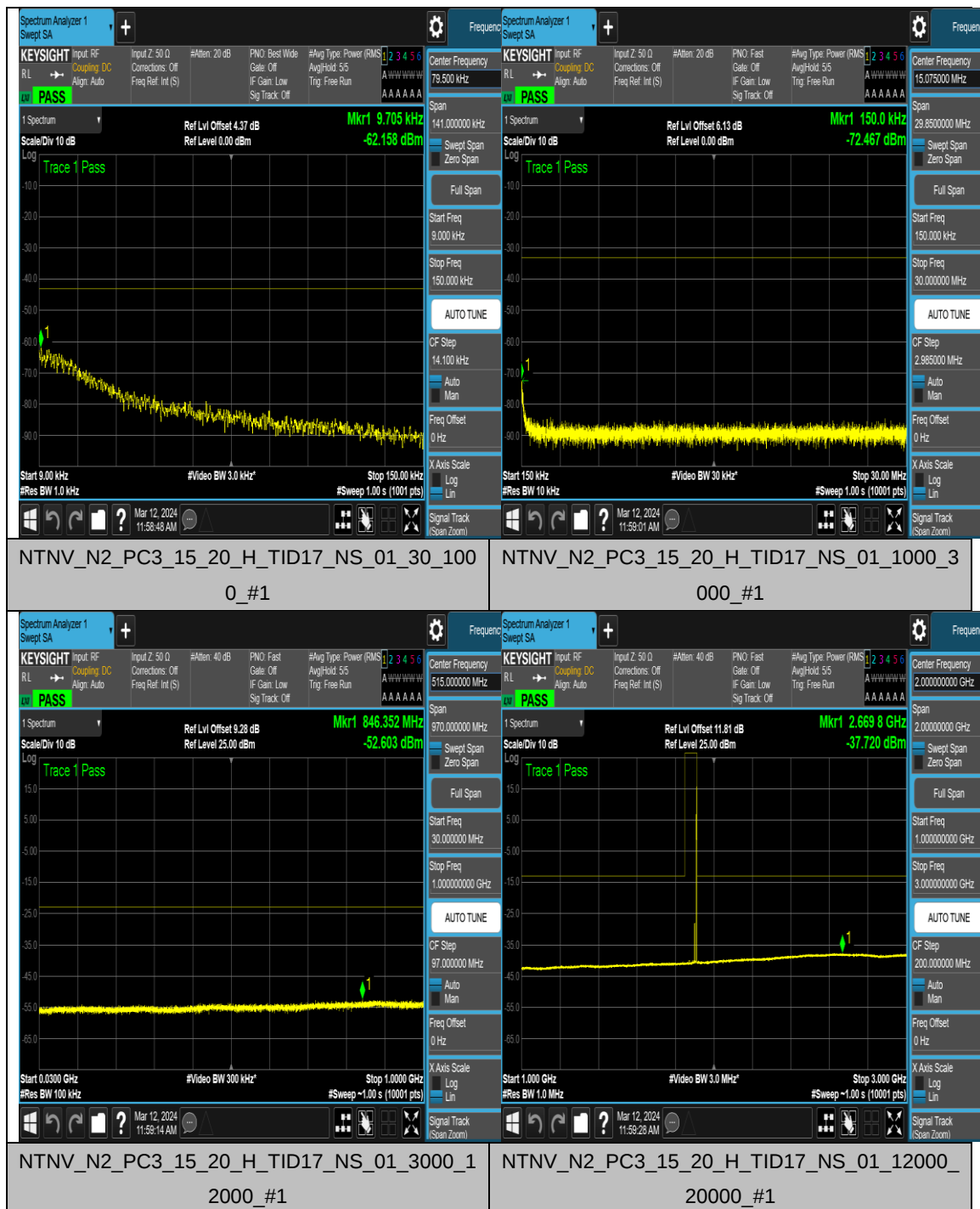
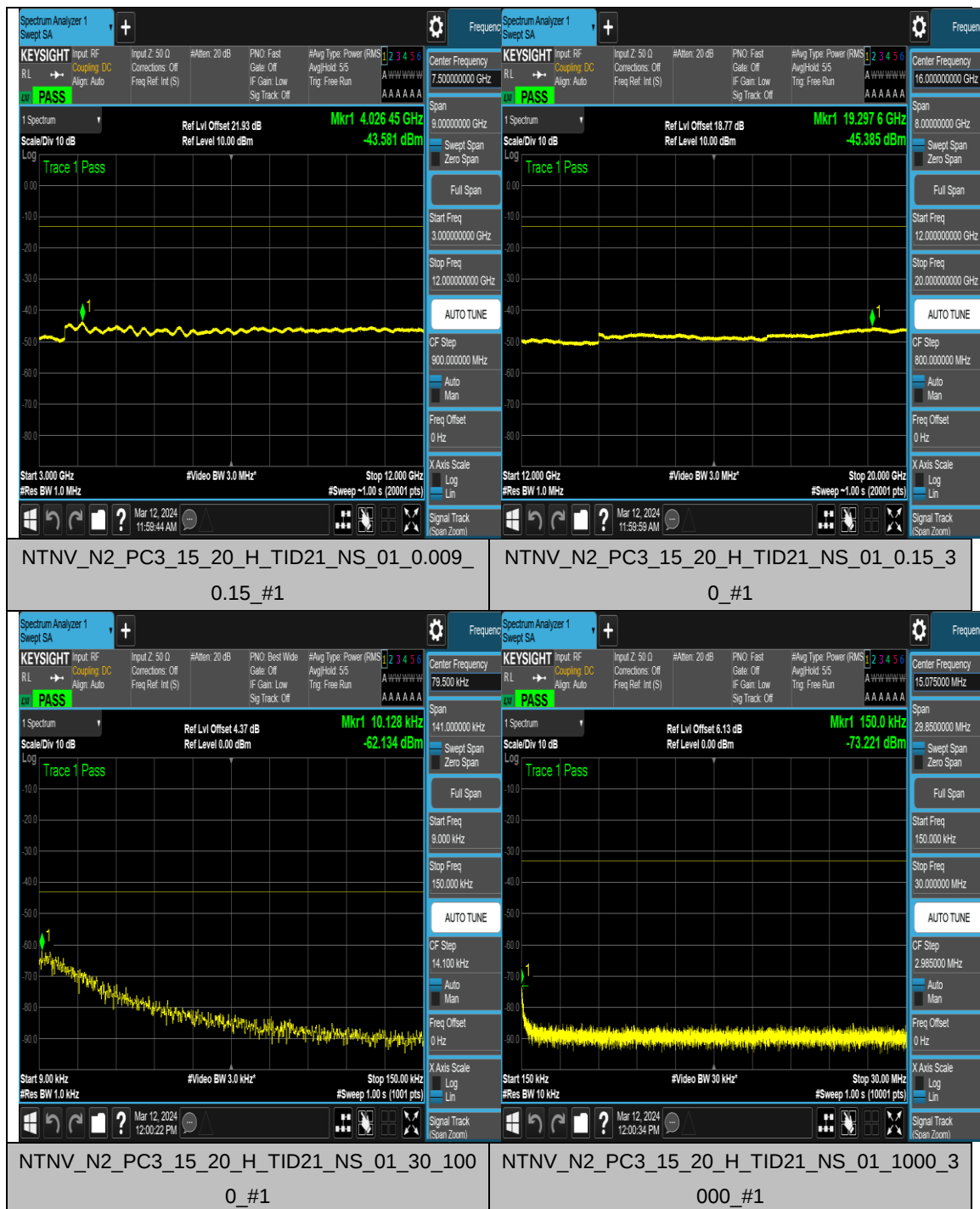
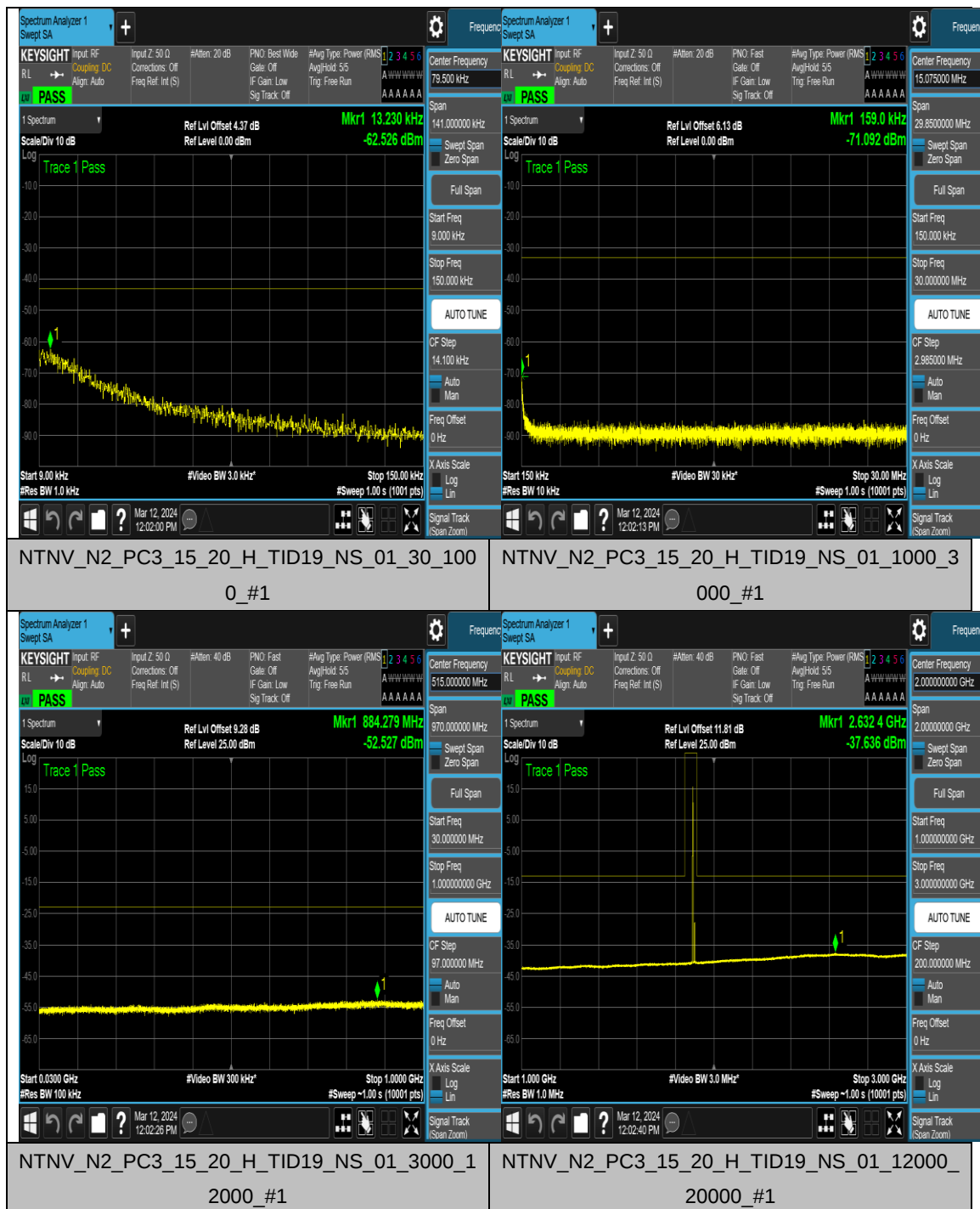
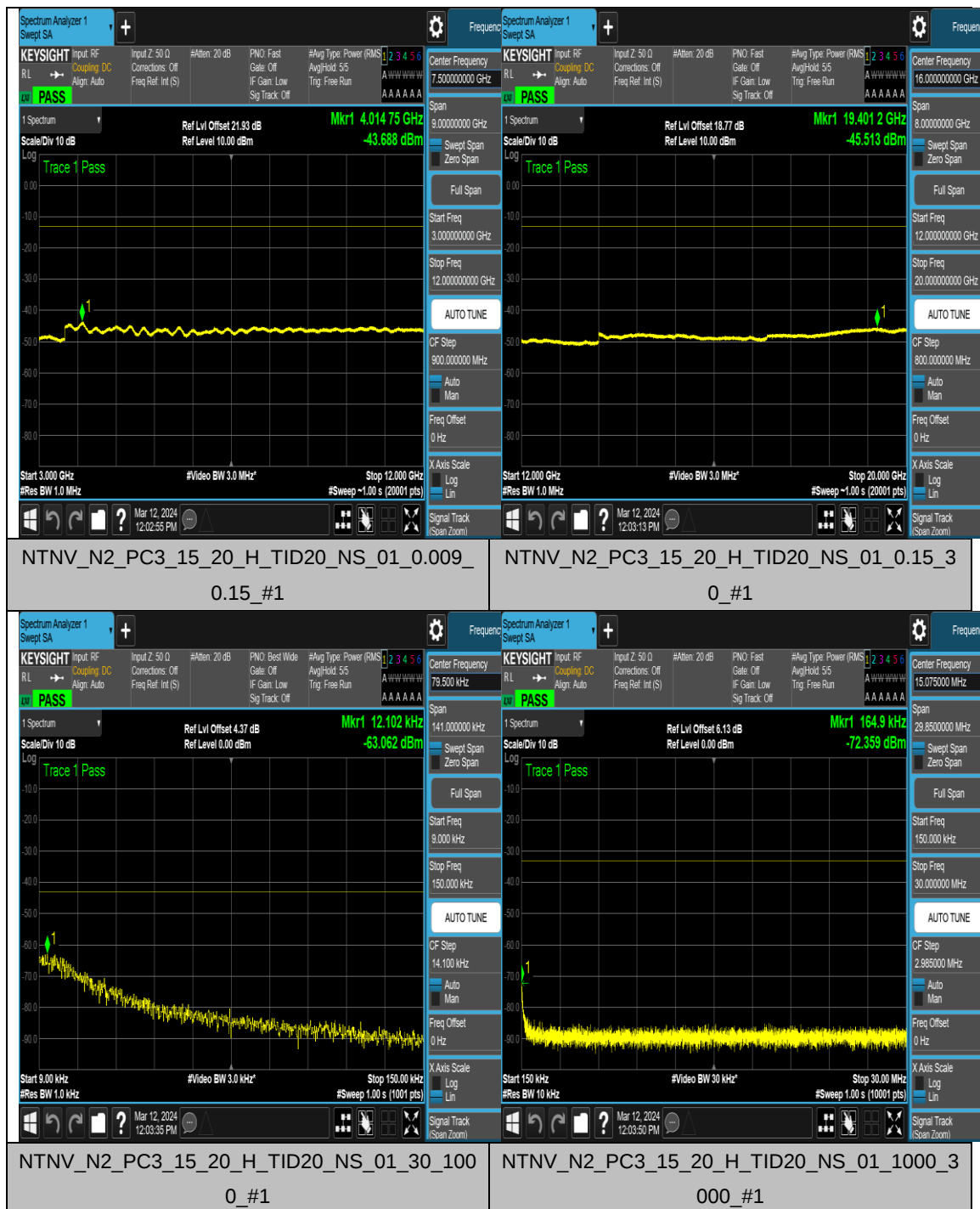














Appendix F: Frequency Stability for SA

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	2.32	0.00	PASS
N2	15	5	CP-QPSK	L	Outer_Full	VN	NT	28.47	0.02	PASS
N2	15	5	CP-QPSK	L	Outer_Full	VH	NT	2.64	0.00	PASS
N2	15	5	CP-16QAM	L	Outer_Full	VL	NT	3.40	0.00	PASS
N2	15	5	CP-16QAM	L	Outer_Full	VN	NT	6.71	0.00	PASS
N2	15	5	CP-16QAM	L	Outer_Full	VH	NT	-7.84	0.00	PASS
N2	15	5	CP-QPSK	M	Outer_Full	VL	NT	4.11	0.00	PASS
N2	15	5	CP-QPSK	M	Outer_Full	VN	NT	16.22	0.01	PASS
N2	15	5	CP-QPSK	M	Outer_Full	VH	NT	71.69	0.04	PASS
N2	15	5	CP-16QAM	M	Outer_Full	VL	NT	22.54	0.01	PASS
N2	15	5	CP-16QAM	M	Outer_Full	VN	NT	-1.59	0.00	PASS
N2	15	5	CP-16QAM	M	Outer_Full	VH	NT	2.34	0.00	PASS
N2	15	5	CP-QPSK	H	Outer_Full	VL	NT	13.11	0.01	PASS
N2	15	5	CP-QPSK	H	Outer_Full	VN	NT	14.20	0.01	PASS
N2	15	5	CP-QPSK	H	Outer_Full	VH	NT	119.53	0.06	PASS
N2	15	5	CP-16QAM	H	Outer_Full	VL	NT	-5.88	0.00	PASS
N2	15	5	CP-16QAM	H	Outer_Full	VN	NT	-56.75	-0.03	PASS
N2	15	5	CP-16QAM	H	Outer_Full	VH	NT	-14.06	-0.01	PASS
N2	15	10	CP-QPSK	L	Outer_Full	VL	NT	-23.02	-0.01	PASS
N2	15	10	CP-QPSK	L	Outer_Full	VN	NT	-11.83	-0.01	PASS
N2	15	10	CP-QPSK	L	Outer_Full	VH	NT	17.84	0.01	PASS
N2	15	10	CP-16QAM	L	Outer_Full	VL	NT	139.99	0.08	PASS
N2	15	10	CP-16QAM	L	Outer_Full	VN	NT	4.00	0.00	PASS
N2	15	10	CP-16QAM	L	Outer_Full	VH	NT	-27.39	-0.01	PASS
N2	15	10	CP-QPSK	M	Outer_Full	VL	NT	6.43	0.00	PASS
N2	15	10	CP-QPSK	M	Outer_Full	VN	NT	12.48	0.01	PASS
N2	15	10	CP-QPSK	M	Outer_Full	VH	NT	-13.64	-0.01	PASS
N2	15	10	CP-16QAM	M	Outer_Full	VL	NT	15.53	0.01	PASS
N2	15	10	CP-16QAM	M	Outer_Full	VN	NT	37.67	0.02	PASS
N2	15	10	CP-16QAM	M	Outer_Full	VH	NT	6.88	0.00	PASS
N2	15	10	CP-QPSK	H	Outer_Full	VL	NT	-10.60	-0.01	PASS
N2	15	10	CP-QPSK	H	Outer_Full	VN	NT	-142.87	-0.07	PASS

N2	15	10	CP-QPSK	H	Outer_Full	VH	NT	-95.93	-0.05	PASS
N2	15	10	CP-16QAM	H	Outer_Full	VL	NT	-4.46	0.00	PASS
N2	15	10	CP-16QAM	H	Outer_Full	VN	NT	-11.52	-0.01	PASS
N2	15	10	CP-16QAM	H	Outer_Full	VH	NT	1.48	0.00	PASS
N2	15	15	CP-QPSK	L	Outer_Full	VL	NT	16.77	0.01	PASS
N2	15	15	CP-QPSK	L	Outer_Full	VN	NT	7.42	0.00	PASS
N2	15	15	CP-QPSK	L	Outer_Full	VH	NT	-60.83	-0.03	PASS
N2	15	15	CP-16QAM	L	Outer_Full	VL	NT	-62.27	-0.03	PASS
N2	15	15	CP-16QAM	L	Outer_Full	VN	NT	-14.76	-0.01	PASS
N2	15	15	CP-16QAM	L	Outer_Full	VH	NT	10.46	0.01	PASS
N2	15	15	CP-QPSK	M	Outer_Full	VL	NT	103.87	0.06	PASS
N2	15	15	CP-QPSK	M	Outer_Full	VN	NT	25.23	0.01	PASS
N2	15	15	CP-QPSK	M	Outer_Full	VH	NT	8.10	0.00	PASS
N2	15	15	CP-16QAM	M	Outer_Full	VL	NT	0.14	0.00	PASS
N2	15	15	CP-16QAM	M	Outer_Full	VN	NT	-45.55	-0.02	PASS
N2	15	15	CP-16QAM	M	Outer_Full	VH	NT	4.12	0.00	PASS
N2	15	15	CP-QPSK	H	Outer_Full	VL	NT	122.32	0.06	PASS
N2	15	15	CP-QPSK	H	Outer_Full	VN	NT	5.84	0.00	PASS
N2	15	15	CP-QPSK	H	Outer_Full	VH	NT	33.88	0.02	PASS
N2	15	15	CP-16QAM	H	Outer_Full	VL	NT	-81.77	-0.04	PASS
N2	15	15	CP-16QAM	H	Outer_Full	VN	NT	-3.08	0.00	PASS
N2	15	15	CP-16QAM	H	Outer_Full	VH	NT	-83.34	-0.04	PASS
N2	15	20	CP-QPSK	L	Outer_Full	VL	NT	67.09	0.04	PASS
N2	15	20	CP-QPSK	L	Outer_Full	VN	NT	0.46	0.00	PASS
N2	15	20	CP-QPSK	L	Outer_Full	VH	NT	-103.35	-0.06	PASS
N2	15	20	CP-16QAM	L	Outer_Full	VL	NT	-9.31	-0.01	PASS
N2	15	20	CP-16QAM	L	Outer_Full	VN	NT	-8.66	0.00	PASS
N2	15	20	CP-16QAM	L	Outer_Full	VH	NT	-40.00	-0.02	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VL	NT	11.87	0.01	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	12.25	0.01	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VH	NT	11.90	0.01	PASS
N2	15	20	CP-16QAM	M	Outer_Full	VL	NT	6.49	0.00	PASS
N2	15	20	CP-16QAM	M	Outer_Full	VN	NT	109.55	0.06	PASS
N2	15	20	CP-16QAM	M	Outer_Full	VH	NT	90.50	0.05	PASS
N2	15	20	CP-QPSK	H	Outer_Full	VL	NT	12.82	0.01	PASS
N2	15	20	CP-QPSK	H	Outer_Full	VN	NT	101.30	0.05	PASS
N2	15	20	CP-QPSK	H	Outer_Full	VH	NT	-14.50	-0.01	PASS
N2	15	20	CP-16QAM	H	Outer_Full	VL	NT	-76.51	-0.04	PASS
N2	15	20	CP-16QAM	H	Outer_Full	VN	NT	-36.76	-0.02	PASS
N2	15	20	CP-16QAM	H	Outer_Full	VH	NT	2.12	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	45.822590	0.024736	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	-20	-6.088633	-0.003287	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	-10	-4.444332	-0.002399	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	0	-6.896509	-0.003723	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	10	-1.510475	-0.000815	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	20	-135.458069	-0.073122	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	30	61.516541	0.033207	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	40	0.575675	0.000311	PASS
N2	15	5	CP-QPSK	L	Outer_Full	NV	50	-10.682572	-0.005767	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	-30	-3.280223	-0.001771	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	-20	1.391964	0.000751	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	-10	78.789307	0.042531	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	0	84.446854	0.045585	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	10	-10.464077	-0.005649	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	20	-7.912998	-0.004272	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	30	64.793251	0.034976	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	40	-5.572583	-0.003008	PASS
N2	15	5	CP-16QAM	L	Outer_Full	NV	50	-1.510041	-0.000815	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	-30	74.131699	0.039432	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	-20	11.924398	0.006343	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	-10	13.424603	0.007141	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	0	36.871399	0.019612	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	10	2.944059	0.001566	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	20	-78.232361	-0.041613	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	30	12.744335	0.006779	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	40	-1.076573	-0.000573	PASS
N2	15	5	CP-QPSK	M	Outer_Full	NV	50	4.948167	0.002632	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	-30	13.863905	0.007374	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	-20	0.035952	0.000019	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	-10	6.946654	0.003695	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	0	97.830498	0.052037	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	10	0.037147	0.000020	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	20	20.058769	0.010670	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	30	15.750900	0.008378	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	40	-103.703728	-0.055162	PASS
N2	15	5	CP-16QAM	M	Outer_Full	NV	50	8.648680	0.004600	PASS

N2	15	5	CP-QPSK	H	Outer_Full	NV	-30	65.285973	0.034226	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	-20	-9.418314	-0.004938	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	-10	-12.431102	-0.006517	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	0	72.090515	0.037793	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	10	4.214381	0.002209	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	20	7.247835	0.003800	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	30	103.793823	0.054414	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	40	-70.685135	-0.037056	PASS
N2	15	5	CP-QPSK	H	Outer_Full	NV	50	-7.855886	-0.004118	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	-30	-65.789238	-0.034490	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	-20	-33.557564	-0.017592	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	-10	14.330686	0.007513	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	0	-4.014291	-0.002104	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	10	1.123503	0.000589	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	20	78.754097	0.041287	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	30	19.411688	0.010177	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	40	-4.827731	-0.002531	PASS
N2	15	5	CP-16QAM	H	Outer_Full	NV	50	0.257587	0.000135	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	-30	76.365784	0.041168	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	-20	-4.214656	-0.002272	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	-10	57.886513	0.031206	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	0	-0.303070	-0.000163	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	10	-10.399703	-0.005606	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	20	84.131691	0.045354	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	30	-2.681480	-0.001446	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	40	-8.948398	-0.004824	PASS
N2	15	10	CP-QPSK	L	Outer_Full	NV	50	-9.759418	-0.005261	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	-30	0.212499	0.000115	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	-20	-2.238449	-0.001207	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	-10	-2.250497	-0.001213	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	0	-2.869955	-0.001547	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	10	-44.541309	-0.024011	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	20	29.763552	0.016045	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	30	-42.033504	-0.022660	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	40	-3.071255	-0.001656	PASS
N2	15	10	CP-16QAM	L	Outer_Full	NV	50	-90.419975	-0.048744	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	-30	15.004300	0.007981	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	-20	17.913158	0.009528	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	-10	113.459831	0.060351	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	0	51.397476	0.027339	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	10	111.805466	0.059471	PASS

N2	15	10	CP-QPSK	M	Outer_Full	NV	20	-1.962938	-0.001044	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	30	12.547442	0.006674	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	40	28.652411	0.015241	PASS
N2	15	10	CP-QPSK	M	Outer_Full	NV	50	1.093471	0.000582	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	-30	2.714286	0.001444	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	-20	8.577543	0.004563	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	-10	18.948105	0.010079	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	0	15.719120	0.008361	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	10	-80.081917	-0.042597	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	20	11.703113	0.006225	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	30	9.231507	0.004910	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	40	8.237054	0.004381	PASS
N2	15	10	CP-16QAM	M	Outer_Full	NV	50	-63.141384	-0.033586	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	-30	-106.143997	-0.055719	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	-20	-21.450006	-0.011260	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	-10	0.483128	0.000254	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	0	-113.033310	-0.059335	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	10	-18.480072	-0.009701	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	20	94.466026	0.049588	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	30	-5.047971	-0.002650	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	40	-11.569933	-0.006073	PASS
N2	15	10	CP-QPSK	H	Outer_Full	NV	50	40.199051	0.021102	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	-30	0.912058	0.000479	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	-20	48.582108	0.025502	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	-10	-9.450151	-0.004961	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	0	-81.601700	-0.042836	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	10	-5.209331	-0.002735	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	20	3.430303	0.001801	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	30	-0.984048	-0.000517	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	40	79.850021	0.041916	PASS
N2	15	10	CP-16QAM	H	Outer_Full	NV	50	8.548514	0.004487	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	-30	3.222292	0.001735	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	-20	-83.102516	-0.044739	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	-10	-107.168556	-0.057695	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	0	2.568360	0.001383	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	10	8.059105	0.004339	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	20	13.031856	0.007016	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	30	1.566534	0.000843	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	40	39.733376	0.021391	PASS
N2	15	15	CP-QPSK	L	Outer_Full	NV	50	-0.358202	-0.000193	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	-30	3.905933	0.002103	PASS

N2	15	15	CP-16QAM	L	Outer_Full	NV	-20	100.588020	0.054152	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	-10	-168.327713	-0.090621	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	0	7.512589	0.004044	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	10	1.802310	0.000970	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	20	15.307763	0.008241	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	30	61.534443	0.033128	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	40	-27.139229	-0.014611	PASS
N2	15	15	CP-16QAM	L	Outer_Full	NV	50	3.719660	0.002003	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	-30	84.256798	0.044817	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	-20	47.823139	0.025438	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	-10	3.835620	0.002040	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	0	7.018044	0.003733	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	10	15.480336	0.008234	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	20	-88.285385	-0.046960	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	30	-31.003227	-0.016491	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	40	-0.768551	-0.000409	PASS
N2	15	15	CP-QPSK	M	Outer_Full	NV	50	-89.613419	-0.047667	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	-30	17.124517	0.009109	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	-20	10.114149	0.005380	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	-10	-91.948662	-0.048909	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	0	124.620354	0.066287	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	10	73.929398	0.039324	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	20	-24.112989	-0.012826	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	30	-3.305459	-0.001758	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	40	15.092667	0.008028	PASS
N2	15	15	CP-16QAM	M	Outer_Full	NV	50	62.352558	0.033166	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	-30	-0.394011	-0.000207	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	-20	24.924768	0.013101	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	-10	13.610379	0.007154	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	0	11.334094	0.005957	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	10	136.234757	0.071608	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	20	93.918129	0.049366	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	30	7.139550	0.003753	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	40	-27.097401	-0.014243	PASS
N2	15	15	CP-QPSK	H	Outer_Full	NV	50	3.848668	0.002023	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	-30	17.937704	0.009428	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	-20	8.931152	0.004694	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	-10	2.669596	0.001403	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	0	80.183914	0.042147	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	10	6.424028	0.003377	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	20	-34.763313	-0.018272	PASS

N2	15	15	CP-16QAM	H	Outer_Full	NV	30	-50.335293	-0.026457	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	40	32.732510	0.017205	PASS
N2	15	15	CP-16QAM	H	Outer_Full	NV	50	-12.058642	-0.006338	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	-30	-8.082192	-0.004345	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	-20	-12.859605	-0.006914	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	-10	-13.040074	-0.007011	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	0	-87.286263	-0.046928	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	10	2.989872	0.001607	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	20	12.349254	0.006639	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	30	-124.105385	-0.066723	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	40	-10.766392	-0.005788	PASS
N2	15	20	CP-QPSK	L	Outer_Full	NV	50	-124.471260	-0.066920	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	-30	-95.662476	-0.051431	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	-20	2.108238	0.001133	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	-10	-115.992928	-0.062362	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	0	-13.128738	-0.007058	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	10	-85.915375	-0.046191	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	20	-7.278960	-0.003913	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	30	-126.467842	-0.067993	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	40	21.236847	0.011418	PASS
N2	15	20	CP-16QAM	L	Outer_Full	NV	50	-6.091232	-0.003275	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	-11.356505	-0.006041	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	-3.551167	-0.001889	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	-1.948525	-0.001036	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	64.885574	0.034514	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	9.227864	0.004908	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	19.970406	0.010623	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	1.269692	0.000675	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	11.039199	0.005872	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	-1.126221	-0.000599	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	-30	78.032303	0.041507	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	-20	13.049046	0.006941	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	-10	4.519528	0.002404	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	0	19.440607	0.010341	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	10	12.655315	0.006732	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	20	11.995921	0.006381	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	30	-0.622623	-0.000331	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	40	14.318631	0.007616	PASS
N2	15	20	CP-16QAM	M	Outer_Full	NV	50	27.947336	0.014866	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	-30	-2.804724	-0.001476	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	-20	56.953445	0.029975	PASS

N2	15	20	CP-QPSK	H	Outer_Full	NV	-10	3.416326	0.001798	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	0	-8.626358	-0.004540	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	10	-6.436003	-0.003387	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	20	31.467403	0.016562	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	30	79.635490	0.041913	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	40	-8.499979	-0.004474	PASS
N2	15	20	CP-QPSK	H	Outer_Full	NV	50	109.696777	0.057735	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	-30	151.350494	0.079658	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	-20	50.549309	0.026605	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	-10	-1.810708	-0.000953	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	0	-7.488770	-0.003941	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	10	131.148560	0.069026	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	20	18.454042	0.009713	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	30	-85.510872	-0.045006	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	40	4.702936	0.002475	PASS
N2	15	20	CP-16QAM	H	Outer_Full	NV	50	-0.533384	-0.000281	PASS

