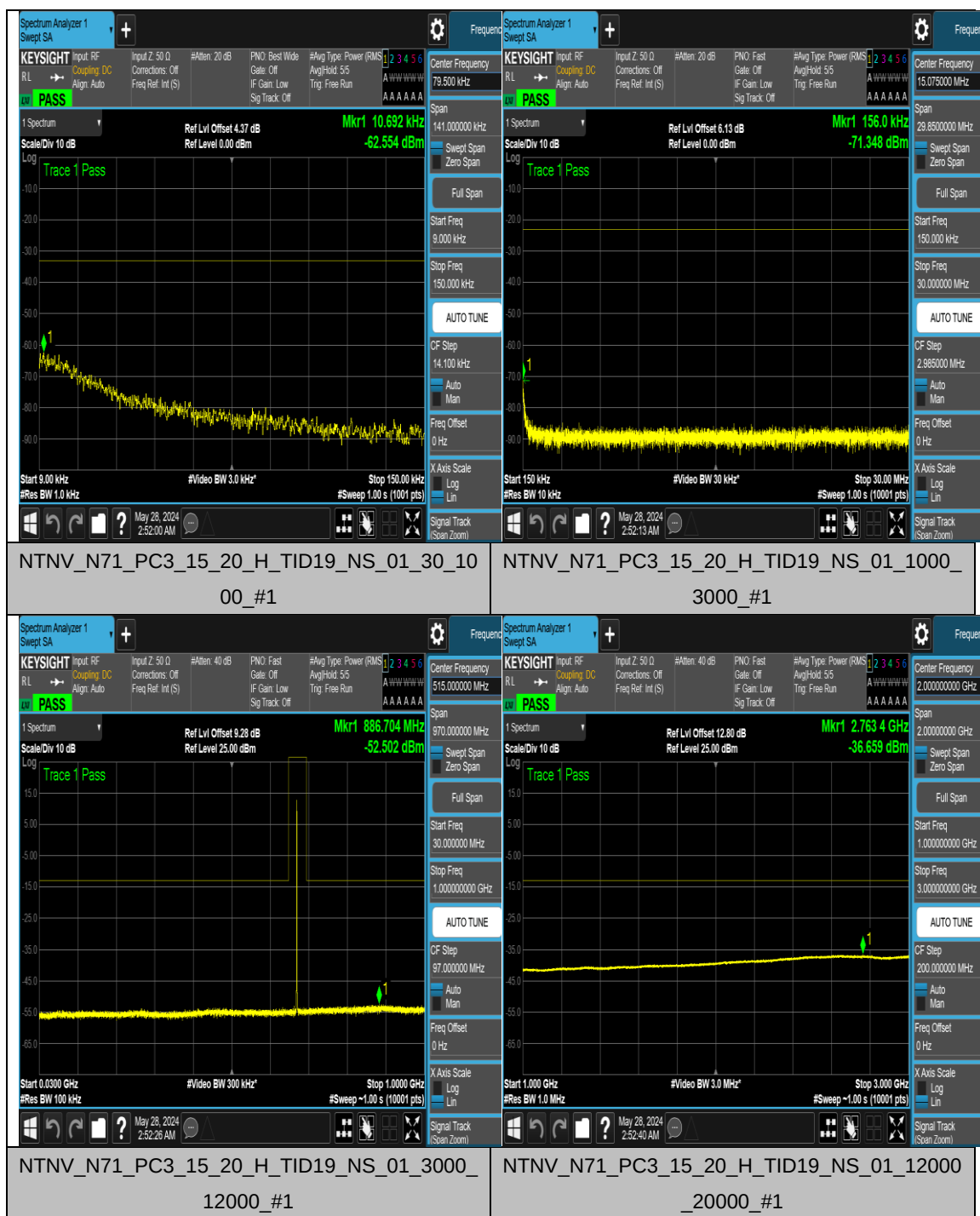
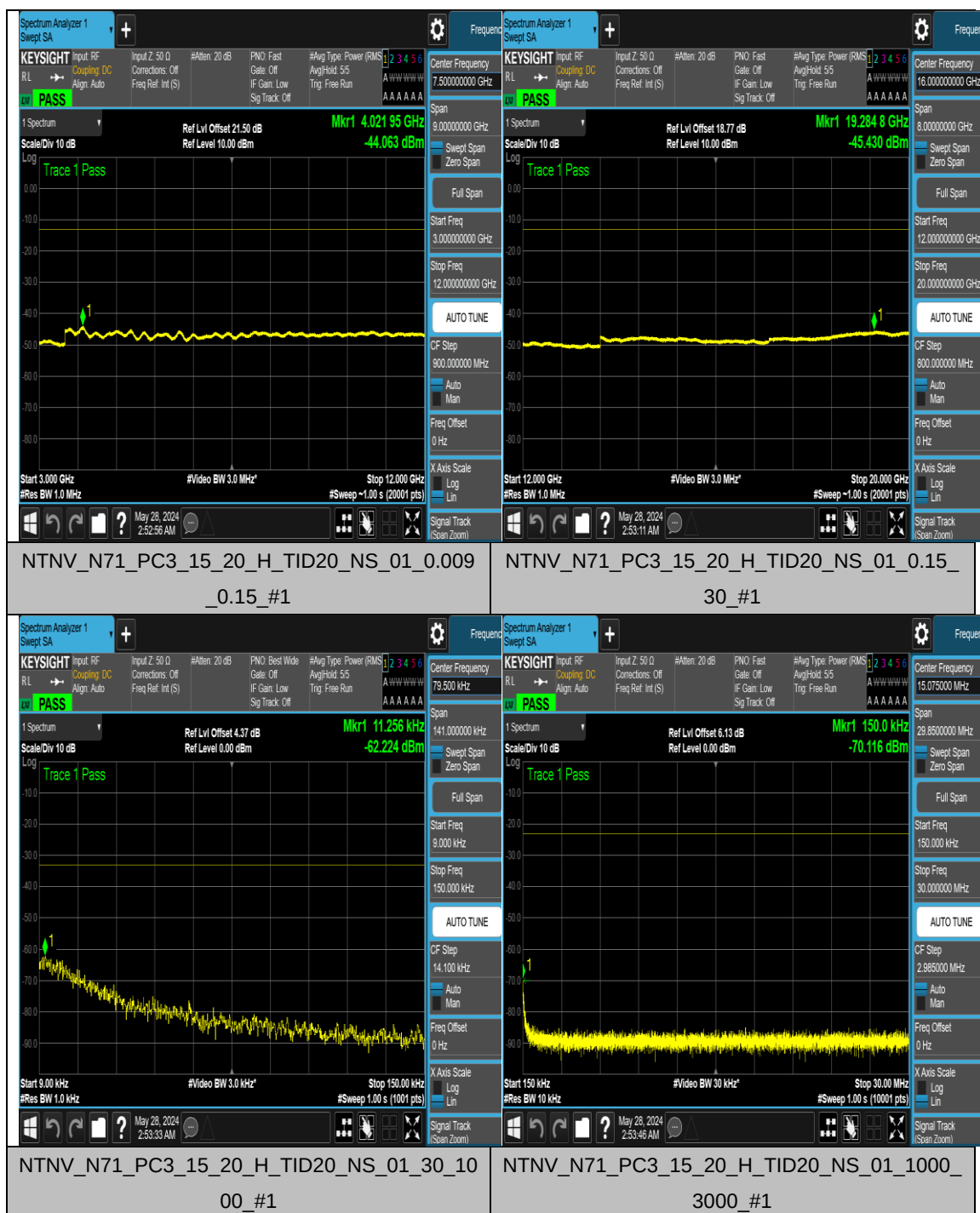








Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N71	15	5	DFT-QPSK	L	Outer_Full	VL	NT	-0.17	0.00	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-1.70	0.00	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-0.88	0.00	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	VL	NT	-0.29	0.00	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	VN	NT	-0.77	0.00	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	VH	NT	0.94	0.00	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	VL	NT	0.17	0.00	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-1.39	0.00	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-0.33	0.00	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	VL	NT	-2.36	0.00	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	VN	NT	-0.90	0.00	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	VH	NT	-0.03	0.00	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	VL	NT	0.03	0.00	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	VN	NT	0.15	0.00	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	VH	NT	-0.11	0.00	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	VL	NT	-0.26	0.00	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	VN	NT	-0.48	0.00	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	VH	NT	0.94	0.00	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	VL	NT	2.83	0.00	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	VN	NT	2.97	0.00	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	VH	NT	3.41	0.01	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	VL	NT	3.75	0.01	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	VN	NT	3.39	0.01	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	VH	NT	1.82	0.00	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-2.04	0.00	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-1.13	0.00	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-1.88	0.00	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	VL	NT	-0.42	0.00	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	VN	NT	-2.44	0.00	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	VH	NT	-0.71	0.00	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	VL	NT	0.85	0.00	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	VN	NT	0.91	0.00	PASS

N71	15	10	DFT-QPSK	H	Outer_Full	VH	NT	1.35	0.00	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	VL	NT	0.81	0.00	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	VN	NT	0.31	0.00	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	VH	NT	1.29	0.00	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	VL	NT	1.84	0.00	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	VN	NT	1.30	0.00	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	VH	NT	0.95	0.00	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	VL	NT	1.57	0.00	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	VN	NT	0.94	0.00	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	VH	NT	1.41	0.00	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-1.37	0.00	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-0.75	0.00	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-1.42	0.00	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	VL	NT	-0.59	0.00	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	VN	NT	-0.65	0.00	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	VH	NT	-2.57	0.00	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	VL	NT	1.96	0.00	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	VN	NT	1.97	0.00	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	VH	NT	2.59	0.00	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	VL	NT	2.92	0.00	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	VN	NT	3.58	0.01	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	VH	NT	1.73	0.00	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-0.08	0.00	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-0.94	0.00	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-1.31	0.00	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-0.41	0.00	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-1.52	0.00	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-0.74	0.00	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-1.26	0.00	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-2.79	0.00	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-0.61	0.00	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-0.39	0.00	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-1.46	0.00	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-1.21	0.00	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-2.62	0.00	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-1.84	0.00	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-2.98	0.00	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-1.89	0.00	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-2.91	0.00	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-1.91	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	DFT-QPSK	L	Outer_Full	NV	-30	-0.104079	-0.000156	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-0.185213	-0.000278	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-0.044114	-0.000066	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	0	-1.613709	-0.002425	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	10	-3.646299	-0.005479	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	20	-1.125624	-0.001691	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	30	0.346364	0.000520	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	40	0.203809	0.000306	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	50	-0.996741	-0.001498	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	-30	-1.157424	-0.001739	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	-20	-1.394613	-0.002096	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-1.042230	-0.001566	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	0	-1.259835	-0.001893	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	10	-1.101146	-0.001655	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	20	0.508470	0.000764	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	30	-1.039551	-0.001562	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	40	-1.126959	-0.001693	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	50	-1.661278	-0.002496	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-0.158459	-0.000233	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	-20	0.022409	0.000033	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-1.293503	-0.001901	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	0	-0.981778	-0.001443	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	10	0.698499	0.001026	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	20	-0.009846	-0.000014	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	30	-0.171192	-0.000252	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	40	-0.582190	-0.000856	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	50	-1.129495	-0.001660	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	-30	0.542498	0.000797	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	-20	-0.937162	-0.001377	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	-10	-0.762067	-0.001120	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	0	0.810581	0.001191	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	10	-0.062898	-0.000092	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	20	0.206904	0.000304	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	30	-0.456895	-0.000671	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	40	0.480920	0.000707	PASS

N71	15	5	DFT-16QAM	M	Outer_Full	NV	50	-0.866560	-0.001273	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	-30	0.961339	0.001382	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	-20	0.785450	0.001129	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	-10	-0.275396	-0.000396	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	0	-0.424093	-0.000610	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	10	-0.587729	-0.000845	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	20	-1.746930	-0.002512	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	30	-0.915099	-0.001316	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	40	-0.182738	-0.000263	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	50	-0.365314	-0.000525	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	-30	-1.074704	-0.001545	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	-20	-0.603649	-0.000868	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	-10	0.646872	0.000930	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	0	0.903901	0.001300	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	10	2.004628	0.002882	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	20	-1.219932	-0.001754	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	30	1.330812	0.001913	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	40	-0.072968	-0.000105	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	50	0.500774	0.000720	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	-30	3.447932	0.005162	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	-20	3.186229	0.004770	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	-10	2.677242	0.004008	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	0	2.921813	0.004374	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	10	2.454107	0.003674	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	20	3.716884	0.005564	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	30	2.363078	0.003538	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	40	2.443088	0.003657	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	50	2.763907	0.004138	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	-30	3.211677	0.004808	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	-20	2.896007	0.004335	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	-10	2.928181	0.004384	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	0	3.275088	0.004903	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	10	2.411591	0.003610	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	20	3.273068	0.004900	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	30	2.980008	0.004461	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	40	2.738312	0.004099	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	50	2.361362	0.003535	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-0.950608	-0.001397	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-0.922392	-0.001355	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-0.151945	-0.000223	PASS

N71	15	10	DFT-QPSK	M	Outer_Full	NV	0	-0.525802	-0.000773	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	10	-1.581867	-0.002325	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	20	-0.860463	-0.001264	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	30	-1.462893	-0.002150	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	40	-1.279552	-0.001880	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	50	-0.098903	-0.000145	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-1.411411	-0.002074	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-1.525247	-0.002241	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-0.931921	-0.001369	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	0	-1.071588	-0.001575	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	10	-1.736762	-0.002552	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	20	0.049391	0.000073	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	30	-1.200018	-0.001763	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	40	-1.242251	-0.001825	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	50	-1.101855	-0.001619	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	-30	0.922336	0.001331	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	-20	0.855329	0.001234	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	-10	1.194530	0.001724	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	0	2.043099	0.002948	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	10	0.881831	0.001272	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	20	1.006588	0.001453	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	30	0.861929	0.001244	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	40	1.220387	0.001761	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	50	1.391384	0.002008	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	-30	1.244351	0.001796	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	-20	1.292719	0.001865	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	-10	2.362784	0.003410	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	0	-0.130411	-0.000188	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	10	1.824252	0.002632	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	20	2.230737	0.003219	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	30	1.544018	0.002228	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	40	1.182119	0.001706	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	50	1.125919	0.001625	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	-30	1.822210	0.002718	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	-20	1.785244	0.002663	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	-10	1.152470	0.001719	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	0	0.827061	0.001233	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	10	1.793313	0.002675	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	20	1.449838	0.002162	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	30	1.725843	0.002574	PASS

N71	15	15	DFT-QPSK	L	Outer_Full	NV	40	2.476615	0.003694	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	50	1.458654	0.002175	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	-30	0.919133	0.001371	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	-20	0.899211	0.001341	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	-10	1.630274	0.002431	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	0	1.080113	0.001611	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	10	0.623916	0.000931	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	20	2.516415	0.003753	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	30	2.084502	0.003109	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	40	1.275766	0.001903	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	50	1.281306	0.001911	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-2.328335	-0.003422	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-1.103565	-0.001622	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-0.885888	-0.001302	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	0	-1.552639	-0.002282	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	10	-1.809777	-0.002659	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	20	-1.758871	-0.002585	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	30	-2.268483	-0.003334	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	40	-1.725761	-0.002536	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	50	-2.302045	-0.003383	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	-30	-1.777223	-0.002612	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	-20	-2.677680	-0.003935	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	-10	-1.469307	-0.002159	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	0	-1.272370	-0.001870	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	10	-0.715127	-0.001051	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	20	-0.048268	-0.000071	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	30	-1.725482	-0.002536	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	40	-1.668439	-0.002452	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	50	-1.369298	-0.002012	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	-30	2.127795	0.003082	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	-20	2.459970	0.003563	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	-10	1.444809	0.002092	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	0	1.643081	0.002380	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	10	2.011606	0.002913	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	20	2.743534	0.003973	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	30	1.647233	0.002386	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	40	3.004054	0.004351	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	50	3.401685	0.004926	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	-30	2.535662	0.003672	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	-20	3.368336	0.004878	PASS

N71	15	15	DFT-16QAM	H	Outer_Full	NV	-10	2.459246	0.003562	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	0	2.624566	0.003801	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	10	3.115565	0.004512	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	20	2.577415	0.003733	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	30	2.364795	0.003425	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	40	2.358662	0.003416	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	50	2.578275	0.003734	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-0.752549	-0.001118	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-1.913754	-0.002844	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-1.106873	-0.001645	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	0	-0.281399	-0.000418	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	10	-1.142711	-0.001698	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	20	-1.160459	-0.001724	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	30	-0.927027	-0.001377	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	40	-1.825310	-0.002712	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	50	-2.575756	-0.003827	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-0.521608	-0.000775	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-1.113078	-0.001654	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	-10	-2.035833	-0.003025	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	0	-1.716718	-0.002551	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	10	-0.946308	-0.001406	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	20	-0.907651	-0.001349	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	30	-1.509163	-0.002242	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	40	0.132540	0.000197	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	50	-1.878301	-0.002791	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-1.893313	-0.002782	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-1.650878	-0.002426	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-0.904716	-0.001329	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	0	-1.165492	-0.001713	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	10	-2.286163	-0.003360	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	20	-0.260389	-0.000383	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	30	-1.891330	-0.002779	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	40	-1.434008	-0.002107	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	50	-0.974052	-0.001431	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-1.827598	-0.002686	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-1.504037	-0.002210	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-2.582650	-0.003795	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	0	-0.678574	-0.000997	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	10	-2.528218	-0.003715	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	20	-1.055114	-0.001550	PASS

N71	15	20	DFT-16QAM	M	Outer_Full	NV	30	-2.763443	-0.004061	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	40	-2.024506	-0.002975	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	50	-2.282337	-0.003354	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-3.241027	-0.004711	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-2.682603	-0.003899	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-2.032467	-0.002954	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	0	-2.172572	-0.003158	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	10	-1.781227	-0.002589	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	20	-2.681427	-0.003897	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	30	-0.950352	-0.001381	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	40	-1.493849	-0.002171	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	50	-2.184783	-0.003176	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-1.969864	-0.002863	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-3.373772	-0.004904	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-2.049403	-0.002979	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	0	-1.408140	-0.002047	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	10	-1.475284	-0.002144	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	20	-1.738771	-0.002527	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	30	-2.294993	-0.003336	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	40	-2.889619	-0.004200	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	50	-1.438741	-0.002091	PASS