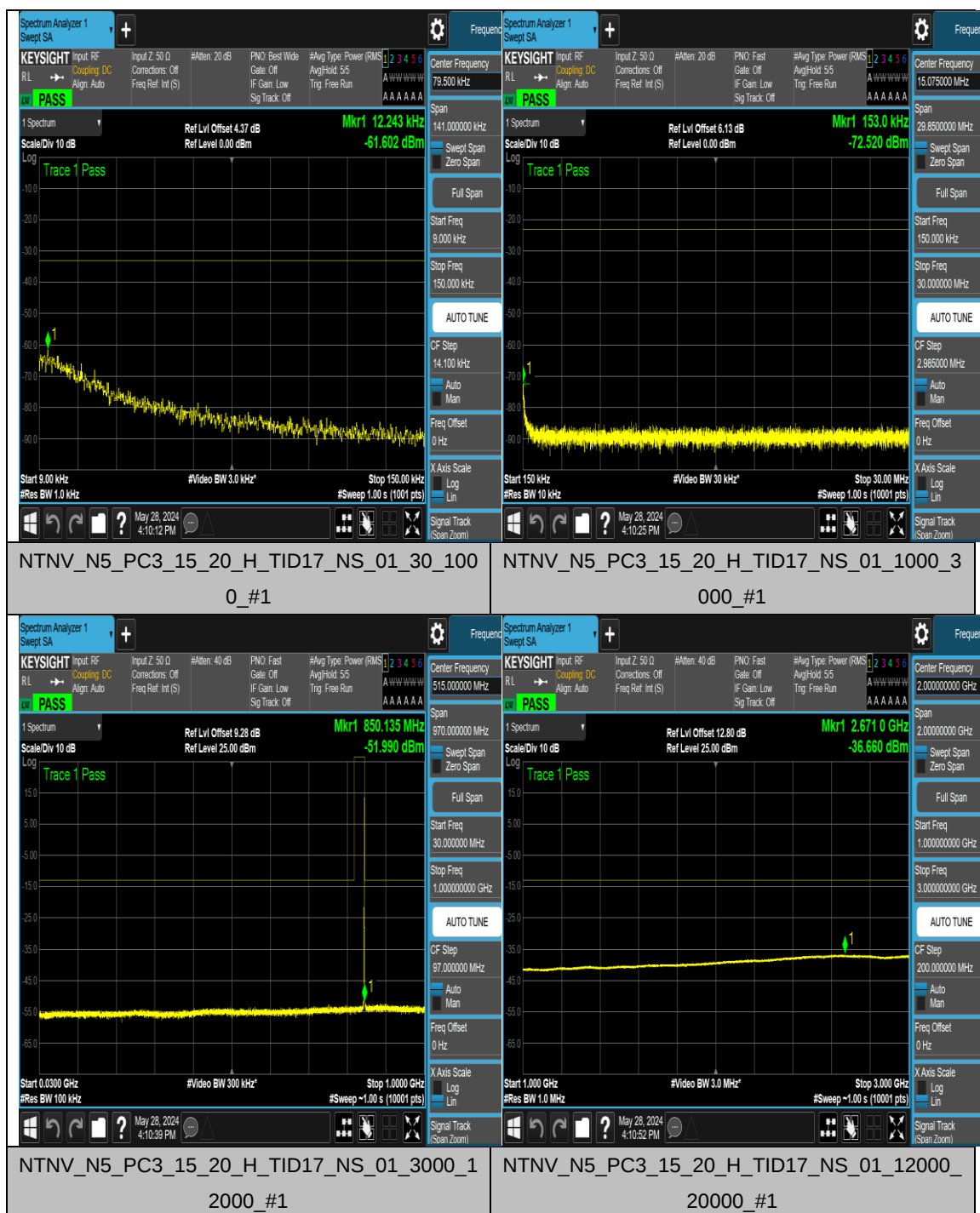


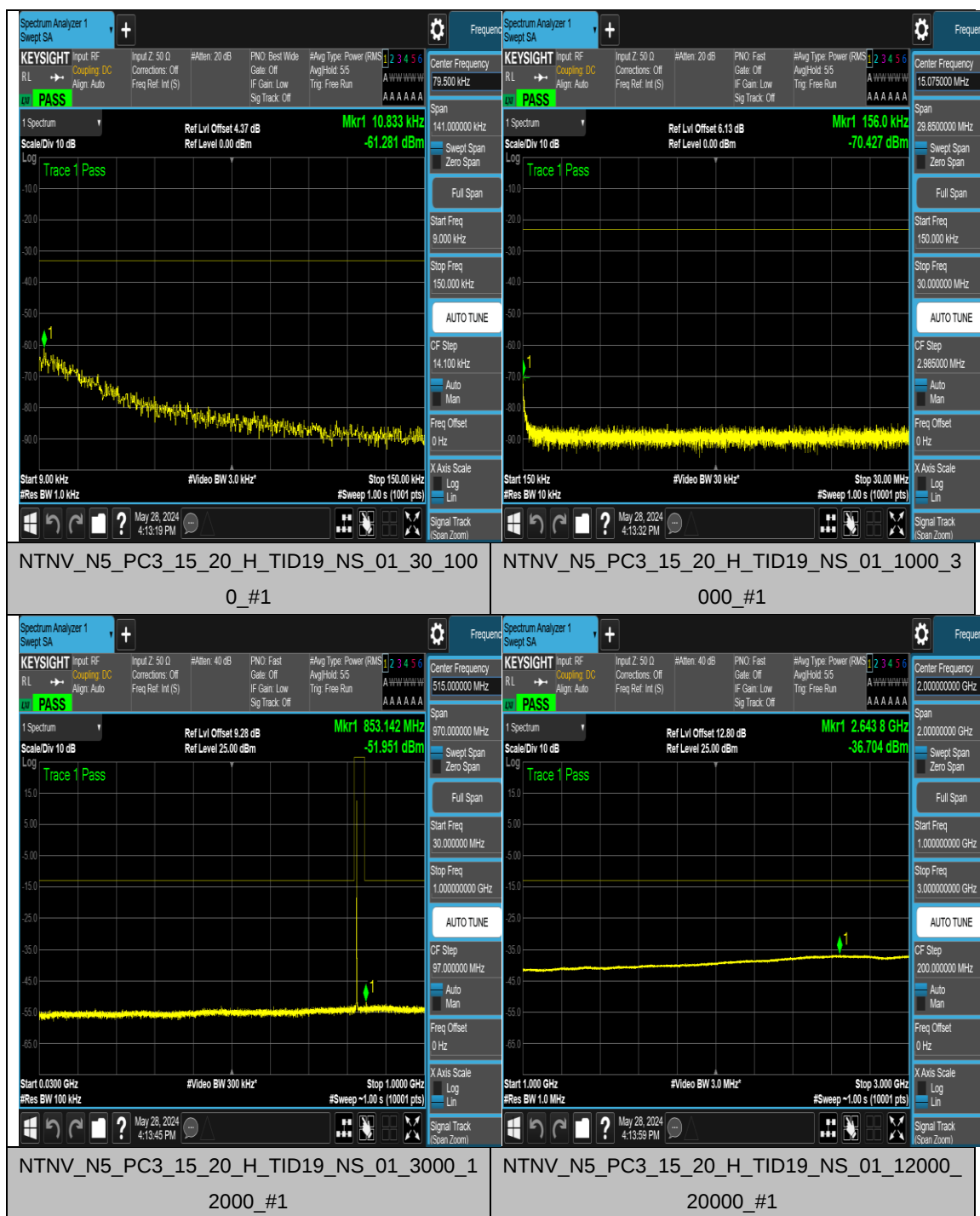


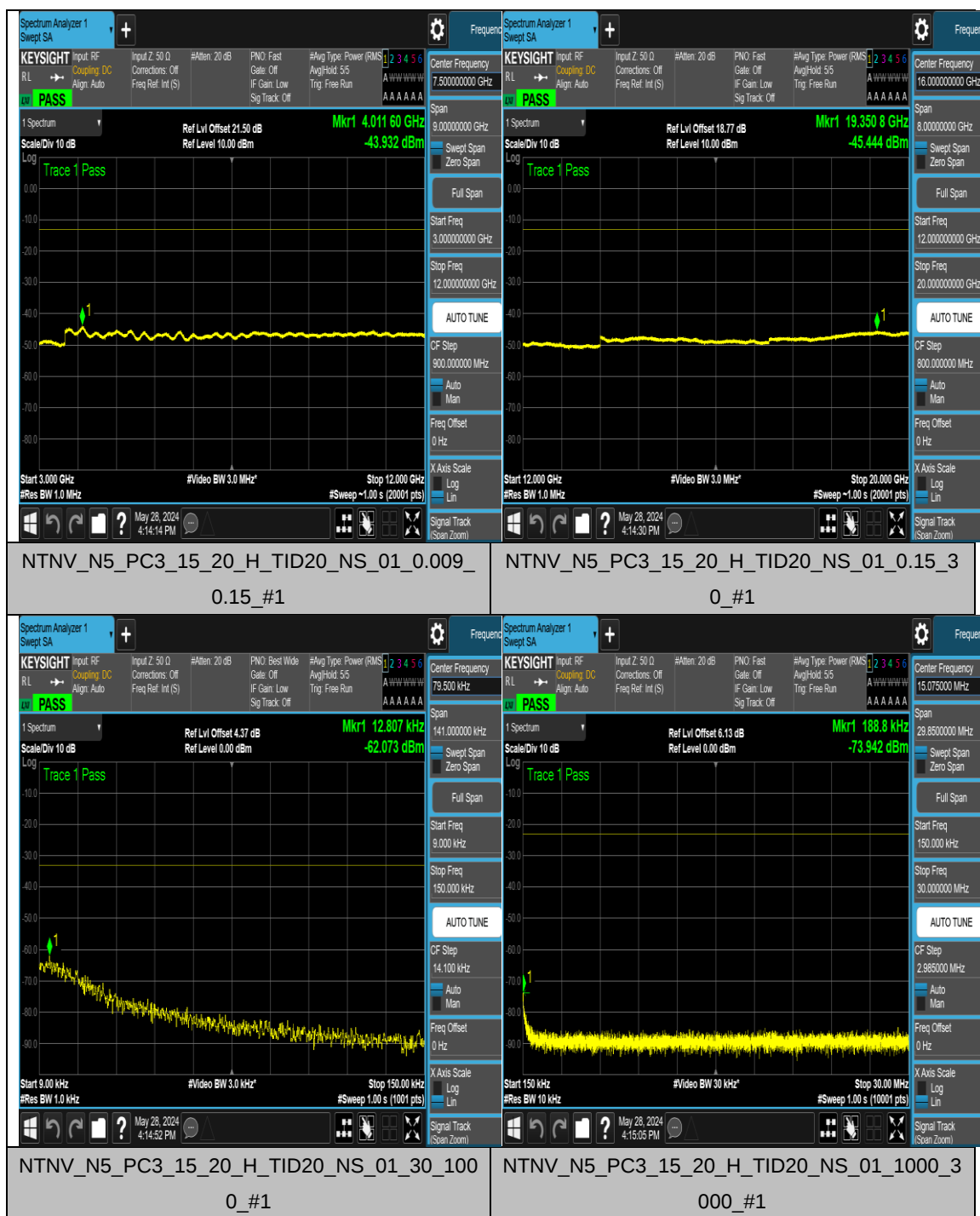














Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	VL	NT	-1.53	0.00	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	VN	NT	0.85	0.00	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-0.68	0.00	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	VL	NT	0.89	0.00	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	VN	NT	0.92	0.00	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	VH	NT	0.92	0.00	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VL	NT	5.77	0.01	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VN	NT	6.07	0.01	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	VH	NT	4.97	0.01	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	VL	NT	7.08	0.01	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	VN	NT	6.76	0.01	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	VH	NT	6.13	0.01	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	VL	NT	4.21	0.00	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	VN	NT	1.86	0.00	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	VH	NT	3.50	0.00	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	VL	NT	4.43	0.01	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	VN	NT	2.66	0.00	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	VH	NT	3.72	0.00	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	VL	NT	3.06	0.00	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	VN	NT	4.03	0.00	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	VH	NT	2.34	0.00	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	VL	NT	1.85	0.00	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	VN	NT	2.46	0.00	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	VH	NT	2.62	0.00	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VL	NT	5.37	0.01	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VN	NT	3.63	0.00	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	VH	NT	5.40	0.01	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	VL	NT	4.31	0.01	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	VN	NT	4.95	0.01	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	VH	NT	2.92	0.00	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	VL	NT	4.04	0.00	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	VN	NT	3.12	0.00	PASS

N5	15	10	DFT-QPSK	H	Outer_Full	VH	NT	3.79	0.00	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	VL	NT	1.68	0.00	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	VN	NT	2.28	0.00	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	VH	NT	2.85	0.00	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	VL	NT	3.48	0.00	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	VN	NT	4.42	0.01	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	VH	NT	-1.05	0.00	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	VL	NT	4.29	0.01	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	VN	NT	3.19	0.00	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	VH	NT	1.94	0.00	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VL	NT	4.31	0.01	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VN	NT	3.91	0.00	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	VH	NT	4.93	0.01	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	VL	NT	5.58	0.01	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	VN	NT	3.33	0.00	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	VH	NT	4.04	0.00	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	VL	NT	-0.34	0.00	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-1.28	0.00	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	VH	NT	0.45	0.00	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	VL	NT	-1.14	0.00	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	VN	NT	-0.68	0.00	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	VH	NT	0.84	0.00	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VL	NT	1.14	0.00	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VN	NT	1.42	0.00	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	VH	NT	1.66	0.00	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	VL	NT	1.78	0.00	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	VN	NT	1.57	0.00	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	VH	NT	1.80	0.00	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VL	NT	1.80	0.00	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VN	NT	2.52	0.00	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	VH	NT	2.79	0.00	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	VL	NT	1.05	0.00	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	VN	NT	1.91	0.00	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	VH	NT	4.55	0.01	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VL	NT	3.82	0.00	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VN	NT	2.42	0.00	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	VH	NT	2.97	0.00	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	VL	NT	4.80	0.01	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	VN	NT	3.84	0.00	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	VH	NT	2.47	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N5	15	5	DFT-QPSK	L	Outer_Full	NV	-30	-1.013470	-0.001226	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-0.355449	-0.000430	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	-10	1.500848	0.001816	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	0	0.403674	0.000488	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	10	1.666997	0.002017	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	20	-0.868813	-0.001051	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	30	-0.879309	-0.001064	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	40	-1.435552	-0.001737	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	NV	50	-1.120916	-0.001356	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	-30	0.769167	0.000931	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	-20	0.267341	0.000323	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-1.104441	-0.001336	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	0	-1.192839	-0.001443	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	10	-1.149026	-0.001390	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	20	0.703513	0.000851	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	30	-1.101186	-0.001332	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	40	0.728975	0.000882	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	NV	50	-0.246525	-0.000298	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-30	4.247367	0.005078	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-20	6.533249	0.007810	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	-10	5.681114	0.006792	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	0	5.432373	0.006494	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	10	4.337873	0.005186	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	20	6.745497	0.008064	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	30	0.600143	0.000717	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	40	6.205508	0.007418	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	NV	50	7.462363	0.008921	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	-30	6.003742	0.007177	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	-20	3.975411	0.004752	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	-10	4.795804	0.005733	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	0	7.754100	0.009270	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	10	6.299820	0.007531	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	20	5.702709	0.006817	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	30	6.572030	0.007857	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	NV	40	7.430285	0.008883	PASS

N5	15	5	DFT-16QAM	M	Outer_Full	NV	50	7.820847	0.009349	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	-30	1.054826	0.001246	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	-20	0.759795	0.000898	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	-10	-0.628221	-0.000742	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	0	2.080160	0.002457	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	10	1.735299	0.002050	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	20	1.609639	0.001902	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	30	0.969913	0.001146	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	40	2.329797	0.002752	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	NV	50	2.095488	0.002475	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	-30	2.022280	0.002389	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	-20	1.887446	0.002230	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	-10	1.750760	0.002068	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	0	1.639315	0.001937	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	10	1.773736	0.002095	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	20	1.918718	0.002267	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	30	1.455376	0.001719	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	40	2.474730	0.002923	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	NV	50	0.912429	0.001078	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	-30	4.831504	0.005828	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	-20	3.704359	0.004468	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	-10	1.978966	0.002387	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	0	1.947882	0.002350	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	10	4.830082	0.005826	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	20	2.414325	0.002912	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	30	2.097023	0.002530	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	40	4.382329	0.005286	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	NV	50	1.253435	0.001512	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	-30	1.295594	0.001563	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	-20	3.068300	0.003701	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	-10	3.726595	0.004495	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	0	3.882097	0.004683	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	10	1.314898	0.001586	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	20	4.107130	0.004954	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	30	3.383828	0.004082	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	40	1.801993	0.002174	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	NV	50	4.185356	0.005049	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-30	3.834740	0.004584	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-20	5.403007	0.006459	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	-10	6.561293	0.007844	PASS

N5	15	10	DFT-QPSK	M	Outer_Full	NV	0	5.182129	0.006195	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	10	5.944877	0.007107	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	20	4.672972	0.005586	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	30	4.700994	0.005620	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	40	3.340277	0.003993	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	NV	50	3.866363	0.004622	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	-30	5.264650	0.006294	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	-20	2.807254	0.003356	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	-10	3.029269	0.003621	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	0	5.520420	0.006599	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	10	2.702025	0.003230	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	20	5.540465	0.006623	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	30	4.850873	0.005799	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	40	3.343136	0.003997	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	NV	50	5.445927	0.006510	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	-30	4.103120	0.004862	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	-20	4.910578	0.005818	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	-10	3.265685	0.003869	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	0	4.187059	0.004961	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	10	2.805259	0.003324	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	20	3.898740	0.004619	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	30	4.098741	0.004856	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	40	2.574890	0.003051	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	NV	50	1.737799	0.002059	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	-30	2.865020	0.003395	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	-20	3.299471	0.003909	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	-10	4.384004	0.005194	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	0	2.626295	0.003112	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	10	1.666664	0.001975	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	20	5.195199	0.006155	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	30	2.407103	0.002852	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	40	4.259703	0.005047	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	NV	50	3.261062	0.003864	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	-30	4.466760	0.005372	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	-20	0.586405	0.000705	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	-10	5.383109	0.006474	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	0	3.417091	0.004110	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	10	4.038427	0.004857	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	20	2.325190	0.002796	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	30	3.617524	0.004351	PASS

N5	15	15	DFT-QPSK	L	Outer_Full	NV	40	5.650268	0.006795	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	NV	50	3.107409	0.003737	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	-30	4.239738	0.005099	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	-20	5.135392	0.006176	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	-10	3.552083	0.004272	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	0	2.658881	0.003198	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	10	4.719321	0.005676	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	20	2.375084	0.002856	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	30	3.016570	0.003628	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	40	3.837938	0.004616	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	NV	50	0.919592	0.001106	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-30	1.320117	0.001578	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-20	3.648623	0.004362	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	-10	4.183956	0.005002	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	0	4.865407	0.005816	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	10	4.272266	0.005107	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	20	3.825759	0.004574	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	30	3.789001	0.004530	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	40	5.104410	0.006102	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	NV	50	4.266212	0.005100	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	-30	4.995913	0.005972	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	-20	5.603378	0.006699	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	-10	4.271015	0.005106	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	0	4.775451	0.005709	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	10	3.731706	0.004461	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	20	4.430434	0.005296	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	30	5.821004	0.006959	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	40	3.749598	0.004482	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	NV	50	4.654415	0.005564	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	-30	0.547371	0.000650	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	-20	-1.833801	-0.002179	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	-10	0.125067	0.000149	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	0	-1.938032	-0.002303	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	10	-0.360676	-0.000429	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	20	-0.256944	-0.000305	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	30	2.182541	0.002594	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	40	-0.275116	-0.000327	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	NV	50	1.723475	0.002048	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	-30	0.586528	0.000697	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	-20	-1.131553	-0.001345	PASS

N5	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-0.511382	-0.000608	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	0	-2.315084	-0.002751	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	10	-0.945142	-0.001123	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	20	-1.311433	-0.001558	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	30	1.357433	0.001613	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	40	-0.813058	-0.000966	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	NV	50	0.929553	0.001105	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-0.055720	-0.000067	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-20	0.743960	0.000892	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	-10	1.168319	0.001401	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	0	-0.288830	-0.000346	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	10	1.707228	0.002047	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	20	1.030021	0.001235	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	30	2.344418	0.002811	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	40	0.188382	0.000226	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	NV	50	1.544572	0.001852	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	-30	0.710182	0.000852	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	-20	0.966710	0.001159	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	-10	0.074050	0.000089	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	0	0.621601	0.000745	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	10	0.849895	0.001019	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	20	2.365052	0.002836	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	30	1.438350	0.001725	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	40	1.850702	0.002219	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	NV	50	0.956198	0.001147	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-30	1.856402	0.002219	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-20	3.994251	0.004775	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	-10	3.944775	0.004716	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	0	2.089684	0.002498	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	10	-0.673516	-0.000805	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	20	4.914524	0.005875	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	30	2.002325	0.002394	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	40	3.657673	0.004373	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	NV	50	1.954173	0.002336	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-30	2.283680	0.002730	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-20	1.999636	0.002390	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	-10	3.409608	0.004076	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	0	2.669340	0.003191	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	10	2.146684	0.002566	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	20	5.012962	0.005993	PASS

N5	15	20	DFT-16QAM	M	Outer_Full	NV	30	3.918437	0.004684	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	40	2.693681	0.003220	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	NV	50	3.380729	0.004042	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-30	3.175561	0.003785	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-20	2.084150	0.002484	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	-10	3.685119	0.004392	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	0	4.024347	0.004797	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	10	2.582525	0.003078	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	20	2.799323	0.003336	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	30	4.932162	0.005879	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	40	3.794480	0.004523	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	NV	50	4.499858	0.005363	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	-30	2.487819	0.002965	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	-20	2.517318	0.003000	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	-10	3.210301	0.003826	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	0	4.940270	0.005888	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	10	4.815877	0.005740	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	20	3.385107	0.004035	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	30	3.885398	0.004631	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	40	4.501565	0.005365	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	NV	50	2.676866	0.003191	PASS