













## 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
N25	15	5	DFT-QPSK	L	Outer_Full	VL	NT	-46.78	-0.03	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-4.66	0.00	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-10.77	-0.01	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	VL	NT	-14.86	-0.01	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	VN	NT	0.06	0.00	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	VH	NT	0.03	0.00	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-49.50	-0.03	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-33.71	-0.02	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-96.66	-0.05	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	VL	NT	-1.52	0.00	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	VN	NT	65.00	0.03	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	VH	NT	-5.66	0.00	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	VL	NT	-3.86	0.00	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	VN	NT	-28.33	-0.01	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	VH	NT	-4.06	0.00	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	VL	NT	-1.49	0.00	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	VN	NT	16.30	0.01	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	VH	NT	26.87	0.01	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	VL	NT	69.13	0.04	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-26.52	-0.01	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-5.31	0.00	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-20.93	-0.01	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	VN	NT	-5.31	0.00	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	VH	NT	-16.81	-0.01	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-42.76	-0.02	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-5.68	0.00	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-27.27	-0.01	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	VL	NT	20.29	0.01	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	VN	NT	0.16	0.00	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	VH	NT	30.28	0.02	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	VL	NT	58.15	0.03	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	VN	NT	14.36	0.01	PASS

N25	15	10	DFT-QPSK	H	Outer_Full	VH	NT	-4.91	0.00	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	VL	NT	0.15	0.00	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	VN	NT	-80.06	-0.04	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	VH	NT	2.36	0.00	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	VL	NT	-39.53	-0.02	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	VN	NT	94.70	0.05	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	VH	NT	-2.02	0.00	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-0.85	0.00	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	VN	NT	0.58	0.00	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	VH	NT	1.34	0.00	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	VL	NT	53.98	0.03	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-3.65	0.00	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	VH	NT	12.45	0.01	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	VL	NT	-6.70	0.00	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	VN	NT	-33.07	-0.02	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	VH	NT	-6.35	0.00	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	VL	NT	-4.05	0.00	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-3.12	0.00	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	VH	NT	-3.12	0.00	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	VL	NT	-2.83	0.00	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	VN	NT	-3.25	0.00	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	VH	NT	16.64	0.01	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-21.88	-0.01	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-5.03	0.00	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-60.35	-0.03	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-2.24	0.00	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-1.66	0.00	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-0.20	0.00	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-21.39	-0.01	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-91.80	-0.05	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-4.57	0.00	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-2.26	0.00	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-2.23	0.00	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-4.16	0.00	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-3.40	0.00	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VN	NT	111.86	0.06	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-78.09	-0.04	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	VL	NT	62.61	0.03	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-38.32	-0.02	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	VH	NT	1.58	0.00	PASS

## Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N25	15	5	DFT-QPSK	L	Outer_Full	NV	-30	-51.232655	-0.027656	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-6.862247	-0.003704	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	-10	57.304222	0.030933	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	0	-6.626279	-0.003577	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	10	-1.480417	-0.000799	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	20	33.975716	0.018340	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	30	-87.873283	-0.047435	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	40	49.308441	0.026617	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	50	-0.452386	-0.000244	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	-30	-36.532513	-0.019721	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	-20	20.437626	0.011032	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-88.968842	-0.048026	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	0	-0.784244	-0.000423	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	10	-2.608756	-0.001408	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	20	0.454062	0.000245	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	30	-57.758816	-0.031179	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	40	-76.957893	-0.041543	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	50	-1.701078	-0.000918	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	-30	0.248736	0.000132	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-4.210441	-0.002237	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-3.116208	-0.001655	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	0	24.331390	0.012925	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	10	-11.405684	-0.006059	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	20	-1.758580	-0.000934	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	30	-12.464221	-0.006621	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	40	-74.801422	-0.039735	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	50	-3.618759	-0.001922	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	-30	-1.243011	-0.000660	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	-20	-87.869003	-0.046677	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	-10	-3.973639	-0.002111	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	0	86.008583	0.045688	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	10	-1.299181	-0.000690	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	20	-2.965104	-0.001575	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	30	144.804794	0.076922	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	40	-54.544029	-0.028974	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	50	-50.936859	-0.027058	PASS



N25	15	5	DFT-QPSK	H	Outer_Full	NV	-30	-0.728638	-0.000381	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	-20	0.528520	0.000276	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	-10	-1.339272	-0.000700	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	0	0.277283	0.000145	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	10	45.948429	0.024025	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	20	-0.884848	-0.000463	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	30	82.514641	0.043145	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	40	-1.741639	-0.000911	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	50	-25.062771	-0.013105	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	-30	29.330948	0.015336	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	-20	-2.479562	-0.001297	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	-10	-2.086131	-0.001091	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	0	-8.631826	-0.004513	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	10	-33.501083	-0.017517	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	20	-4.300081	-0.002248	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	30	0.951528	0.000498	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	40	77.243622	0.040389	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	50	-2.671288	-0.001397	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-12.415494	-0.006693	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	-20	-5.035163	-0.002714	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-5.281232	-0.002847	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	0	-5.366192	-0.002893	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	10	-119.128983	-0.064220	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	20	85.282410	0.045974	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	30	-2.732580	-0.001473	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	40	-66.020012	-0.035590	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	50	-4.651962	-0.002508	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-35.446934	-0.019109	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	-20	-3.308744	-0.001784	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	-10	30.935812	0.016677	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	0	-27.919411	-0.015051	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	10	-3.036153	-0.001637	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	20	-4.194788	-0.002261	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	30	-135.947784	-0.073287	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	40	-4.238493	-0.002285	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	50	-3.581728	-0.001931	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	-30	90.037956	0.047829	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-6.595494	-0.003504	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-108.076393	-0.057411	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	0	-4.719419	-0.002507	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	10	-17.455235	-0.009272	PASS

N25	15	10	DFT-QPSK	M	Outer_Full	NV	20	31.066492	0.016503	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	30	-137.138382	-0.072849	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	40	-3.000301	-0.001594	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	50	11.312144	0.006009	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-1.717306	-0.000912	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-126.069511	-0.066969	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	-10	26.464949	0.014058	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	0	-1.298314	-0.000690	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	10	-0.967650	-0.000514	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	20	-2.411026	-0.001281	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	30	-43.511150	-0.023113	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	40	-0.867577	-0.000461	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	50	-1.805150	-0.000959	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	-30	-2.906826	-0.001522	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	-20	-10.494840	-0.005495	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	-10	39.010967	0.020425	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	0	-1.582103	-0.000828	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	10	10.052477	0.005263	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	20	-28.737928	-0.015046	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	30	-0.295070	-0.000154	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	40	0.848069	0.000444	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	50	-0.286757	-0.000150	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	-30	1.072413	0.000561	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	-20	60.135864	0.031485	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	-10	99.497444	0.052093	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	0	96.936867	0.050752	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	10	1.195536	0.000626	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	20	42.558300	0.022282	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	30	0.382761	0.000200	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	40	2.043086	0.001070	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	50	-0.695194	-0.000364	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	-30	29.354910	0.015803	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-14.916487	-0.008030	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	-10	-3.437490	-0.001851	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	0	-29.349205	-0.015800	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	10	-4.179095	-0.002250	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	20	-28.941879	-0.015581	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	30	-2.096271	-0.001129	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	40	-1.348028	-0.000726	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	50	2.039984	0.001098	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	-30	-52.665344	-0.028353	PASS

N25	15	15	DFT-16QAM	L	Outer_Full	NV	-20	-35.481144	-0.019102	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	-10	-1.644969	-0.000886	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	0	-31.983236	-0.017218	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	10	0.235256	0.000127	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	20	-0.174348	-0.000094	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	30	-125.069664	-0.067332	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	40	1.466384	0.000789	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	50	-239.248077	-0.128801	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-0.173319	-0.000092	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-14.278834	-0.007585	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	-10	15.342650	0.008150	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	0	-5.151671	-0.002737	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	10	-6.079190	-0.003229	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	20	-7.265296	-0.003859	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	30	-7.929649	-0.004212	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	40	-25.360453	-0.013472	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	50	-82.139168	-0.043633	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	-30	4.991824	0.002652	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	-20	-7.913366	-0.004204	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	-10	-4.839725	-0.002571	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	0	-5.890556	-0.003129	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	10	-5.462508	-0.002902	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	20	-6.357875	-0.003377	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	30	-3.626091	-0.001926	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	40	46.504990	0.024704	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	50	-15.873238	-0.008432	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	-30	-3.226049	-0.001691	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	-20	-3.793657	-0.001989	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-73.426231	-0.038493	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	0	-43.300976	-0.022700	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	10	-3.910608	-0.002050	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	20	-1.971812	-0.001034	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	30	-2.831741	-0.001485	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	40	-4.015818	-0.002105	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	50	-2.950139	-0.001547	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	-30	-48.086708	-0.025209	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	-20	-0.987100	-0.000517	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-1.462988	-0.000767	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	0	52.283447	0.027409	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	10	51.026352	0.026750	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	20	-5.753840	-0.003016	PASS

N25	15	15	DFT-16QAM	H	Outer_Full	NV	30	-31.261564	-0.016389	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	40	0.286330	0.000150	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	50	0.290167	0.000152	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-4.366423	-0.002348	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-1.796165	-0.000966	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-10	14.877346	0.007999	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	0	-1.538998	-0.000827	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	10	-2.596143	-0.001396	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	20	-0.471623	-0.000254	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	30	-0.996738	-0.000536	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	40	-3.979731	-0.002140	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	50	52.403709	0.028174	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-2.011834	-0.001082	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	-20	87.736191	0.047170	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	-10	-3.259312	-0.001752	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	0	47.130272	0.025339	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	10	-45.212532	-0.024308	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	20	-3.138725	-0.001687	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	30	-109.817261	-0.059042	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	40	35.669498	0.019177	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	50	-0.409921	-0.000220	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-3.844956	-0.002042	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-20	27.579124	0.014650	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-2.337540	-0.001242	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	0	-2.124639	-0.001129	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	10	-2.891664	-0.001536	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	20	-3.318599	-0.001763	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	30	-3.365539	-0.001788	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	40	77.489136	0.041163	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	50	95.115944	0.050526	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-30	105.374657	0.055976	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-33.021282	-0.017541	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-51.383823	-0.027296	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	0	13.885058	0.007376	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	10	-1.988613	-0.001056	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	20	26.133146	0.013882	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	30	-2.868210	-0.001524	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	40	-36.332256	-0.019300	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	50	-1.915663	-0.001018	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-30	1.950791	0.001024	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-73.713608	-0.038695	PASS

N25	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-57.120918	-0.029985	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	0	78.495239	0.041205	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	10	1.729753	0.000908	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	20	-0.654018	-0.000343	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	30	-129.626328	-0.068045	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	40	0.062610	0.000033	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	50	2.866364	0.001505	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	-30	0.405667	0.000213	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-2.675656	-0.001405	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-3.268211	-0.001716	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	0	-2.402006	-0.001261	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	10	-3.304298	-0.001735	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	20	-2.702545	-0.001419	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	30	-4.546064	-0.002386	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	40	-2.084193	-0.001094	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	50	-102.903206	-0.054017	PASS