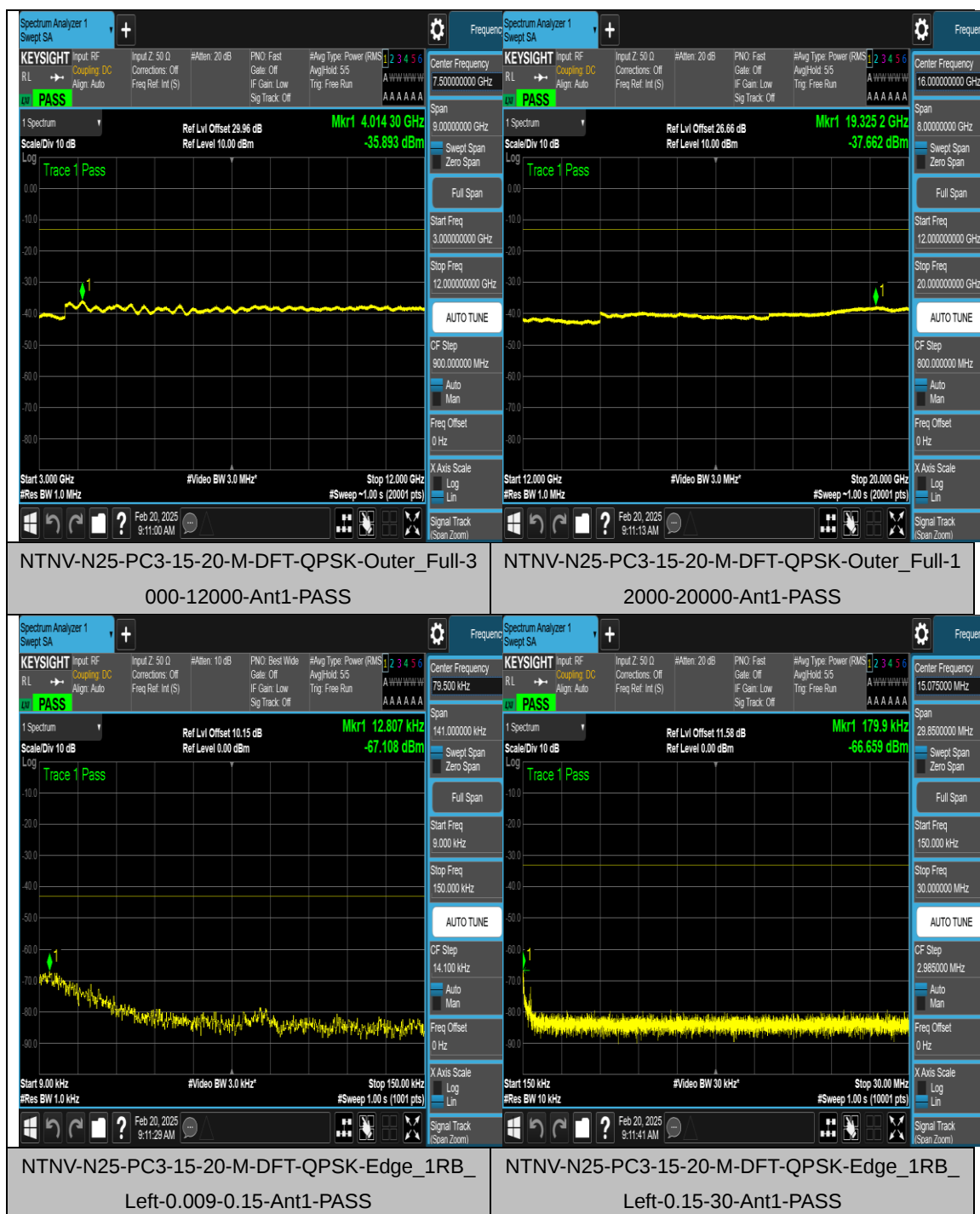






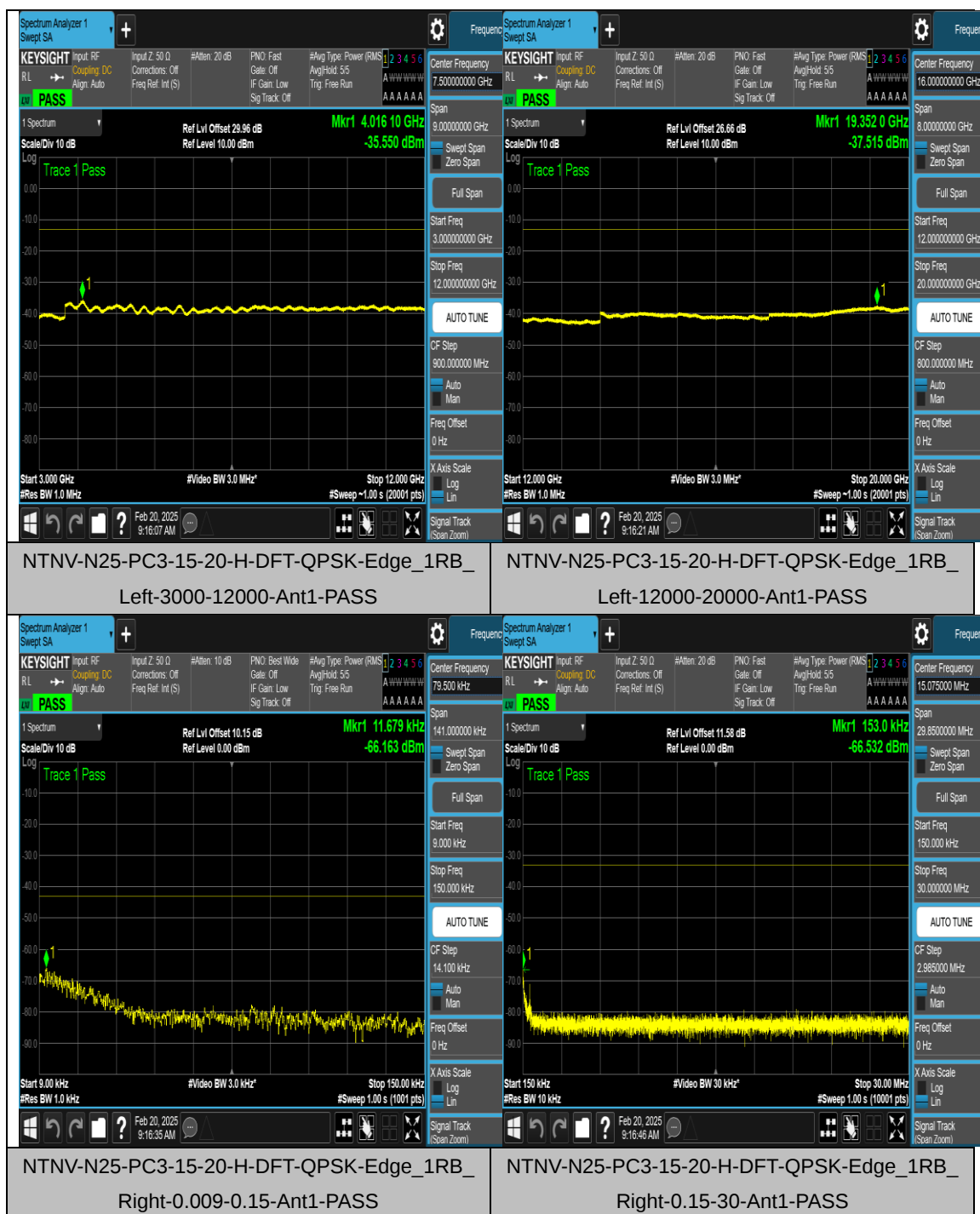














Appendix F: Frequency Stability for SA

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	-1.890000	-0.001020	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-3.090000	-0.001668	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-3.510000	-0.001895	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	VL	NT	-2.520000	-0.001360	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	VN	NT	-2.410000	-0.001301	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	VH	NT	-2.570000	-0.001387	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-0.600000	-0.000319	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	VN	NT	0.430000	0.000228	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-0.860000	-0.000457	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	VL	NT	2.640000	0.001402	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	VN	NT	1.760000	0.000935	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	VH	NT	2.800000	0.001487	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	VL	NT	-3.070000	-0.001605	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	VN	NT	-1.880000	-0.000982	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	VH	NT	-2.300000	-0.001203	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	VL	NT	-1.800000	-0.000941	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	VN	NT	-4.870000	-0.002546	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	VH	NT	-3.030000	-0.001584	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	VL	NT	1.180000	0.000636	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-2.740000	-0.001477	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	VH	NT	0.640000	0.000345	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-0.700000	-0.000377	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	VN	NT	-2.360000	-0.001272	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	VH	NT	-3.800000	-0.002049	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	VL	NT	1.240000	0.000659	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	VN	NT	2.000000	0.001062	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	VH	NT	0.400000	0.000212	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	VL	NT	0.830000	0.000441	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	VN	NT	1.730000	0.000919	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	VH	NT	1.630000	0.000866	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	VL	NT	2.780000	0.001455	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	VN	NT	2.120000	0.001110	PASS

N25	15	10	DFT-QPSK	H	Outer_Full	VH	NT	3.260000	0.001707	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	VL	NT	1.310000	0.000686	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	VN	NT	1.790000	0.000937	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	VH	NT	1.900000	0.000995	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	VL	NT	1.560000	0.000840	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	VN	NT	-0.040000	-0.000022	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	VH	NT	1.320000	0.000711	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-0.220000	-0.000118	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	VN	NT	1.960000	0.001055	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	VH	NT	1.590000	0.000856	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	VL	NT	1.130000	0.000600	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	VN	NT	2.160000	0.001147	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	VH	NT	0.960000	0.000510	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	VL	NT	0.160000	0.000085	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	VN	NT	0.320000	0.000170	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	VH	NT	0.480000	0.000255	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	VL	NT	1.100000	0.000577	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-1.140000	-0.000598	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	VH	NT	-1.270000	-0.000666	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	VL	NT	0.830000	0.000435	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	VN	NT	0.070000	0.000037	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	VH	NT	-1.780000	-0.000933	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-3.220000	-0.001731	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-4.160000	-0.002237	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-1.690000	-0.000909	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-2.530000	-0.001360	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-4.770000	-0.002565	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-4.380000	-0.002355	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-2.250000	-0.001195	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-2.620000	-0.001392	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-2.660000	-0.001413	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-3.970000	-0.002109	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-1.380000	-0.000733	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-4.590000	-0.002438	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-4.540000	-0.002383	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-5.580000	-0.002929	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-4.850000	-0.002546	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-3.920000	-0.002058	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-0.330000	-0.000173	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-3.880000	-0.002037	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	-2.150000	-0.001161	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-3.600000	-0.001943	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-3.240000	-0.001749	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	0	-2.510000	-0.001355	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	10	-3.190000	-0.001722	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	20	-4.090000	-0.002208	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	30	-3.220000	-0.001738	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	40	-1.150000	-0.000621	PASS
N25	15	5	DFT-QPSK	L	Outer_Full	NV	50	-0.090000	-0.000049	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	-30	-1.610000	-0.000869	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	-20	0.380000	0.000205	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-2.490000	-0.001344	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	0	-4.300000	-0.002321	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	10	-0.940000	-0.000506	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	20	-2.380000	-0.001285	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	30	-2.400000	-0.001296	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	40	-0.630000	-0.000340	PASS
N25	15	5	DFT-16QAM	L	Outer_Full	NV	50	-3.590000	-0.001938	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	-30	0.480000	0.000255	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-0.400000	-0.000212	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-0.330000	-0.000175	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	0	1.180000	0.000627	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	10	-1.340000	-0.000712	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	20	0.510000	0.000271	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	30	1.150000	0.000611	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	40	1.060000	0.000563	PASS
N25	15	5	DFT-QPSK	M	Outer_Full	NV	50	0.970000	0.000515	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	-30	2.260000	0.001201	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	-20	2.350000	0.001248	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	-10	-0.970000	-0.000515	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	0	-0.050000	-0.000027	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	10	1.200000	0.000637	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	20	2.320000	0.001232	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	30	0.190000	0.000101	PASS

N25	15	5	DFT-16QAM	M	Outer_Full	NV	40	-0.180000	-0.000096	PASS
N25	15	5	DFT-16QAM	M	Outer_Full	NV	50	-0.080000	-0.000042	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	-30	-4.320000	-0.002259	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	-20	-5.080000	-0.002656	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	-10	-3.760000	-0.001965	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	0	-2.320000	-0.001213	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	10	-3.280000	-0.001715	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	20	-1.740000	-0.000910	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	30	-3.160000	-0.001652	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	40	-2.980000	-0.001558	PASS
N25	15	5	DFT-QPSK	H	Outer_Full	NV	50	-3.310000	-0.001731	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	-30	-1.390000	-0.000727	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	-20	-2.710000	-0.001417	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	-10	-3.100000	-0.001621	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	0	-3.470000	-0.001814	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	10	-2.580000	-0.001349	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	20	-2.150000	-0.001124	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	30	-1.620000	-0.000847	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	40	-1.380000	-0.000722	PASS
N25	15	5	DFT-16QAM	H	Outer_Full	NV	50	-2.380000	-0.001244	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-2.600000	-0.001402	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	-20	0.140000	0.000075	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	-10	0.460000	0.000248	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	0	-1.200000	-0.000647	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	10	-0.070000	-0.000038	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	20	-1.050000	-0.000566	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	30	-2.520000	-0.001358	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	40	-0.520000	-0.000280	PASS
N25	15	10	DFT-QPSK	L	Outer_Full	NV	50	0.170000	0.000092	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-0.110000	-0.000059	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	-20	-1.030000	-0.000555	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	-10	-1.300000	-0.000701	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	0	-1.870000	-0.001008	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	10	-1.670000	-0.000900	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	20	0.830000	0.000447	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	30	1.360000	0.000733	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	40	-2.980000	-0.001606	PASS
N25	15	10	DFT-16QAM	L	Outer_Full	NV	50	0.850000	0.000458	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-1.150000	-0.000611	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	-20	1.670000	0.000887	PASS

N25	15	10	DFT-QPSK	M	Outer_Full	NV	-10	3.960000	0.002104	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	0	0.670000	0.000356	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	10	1.020000	0.000542	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	20	0.520000	0.000276	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	30	0.290000	0.000154	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	40	1.520000	0.000807	PASS
N25	15	10	DFT-QPSK	M	Outer_Full	NV	50	0.730000	0.000388	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	-30	0.360000	0.000191	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	-20	0.320000	0.000170	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	-10	1.410000	0.000749	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	0	0.540000	0.000287	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	10	0.180000	0.000096	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	20	0.390000	0.000207	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	30	2.940000	0.001562	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	40	-1.760000	-0.000935	PASS
N25	15	10	DFT-16QAM	M	Outer_Full	NV	50	-0.540000	-0.000287	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	-30	1.520000	0.000796	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	-20	4.890000	0.002560	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	-10	4.220000	0.002209	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	0	0.870000	0.000455	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	10	1.180000	0.000618	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	20	1.040000	0.000545	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	30	2.950000	0.001545	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	40	2.830000	0.001482	PASS
N25	15	10	DFT-QPSK	H	Outer_Full	NV	50	3.800000	0.001990	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	-30	0.570000	0.000298	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	-20	0.520000	0.000272	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	-10	0.280000	0.000147	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	0	2.950000	0.001545	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	10	2.490000	0.001304	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	20	2.790000	0.001461	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	30	0.660000	0.000346	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	40	0.680000	0.000356	PASS
N25	15	10	DFT-16QAM	H	Outer_Full	NV	50	2.130000	0.001115	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	-30	0.520000	0.000280	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	-20	1.300000	0.000700	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	-10	1.700000	0.000915	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	0	1.010000	0.000544	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	10	-1.890000	-0.001016	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	20	1.270000	0.000684	PASS

N25	15	15	DFT-QPSK	L	Outer_Full	NV	30	1.850000	0.000995	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	40	0.850000	0.000458	PASS
N25	15	15	DFT-QPSK	L	Outer_Full	NV	50	0.770000	0.000415	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	-30	-1.480000	-0.000797	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	-20	-1.780000	-0.000958	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	-10	0.230000	0.000124	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	0	0.210000	0.000113	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	10	-0.860000	-0.000463	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	20	-1.260000	-0.000678	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	30	0.310000	0.000167	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	40	0.960000	0.000517	PASS
N25	15	15	DFT-16QAM	L	Outer_Full	NV	50	-1.860000	-0.001000	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	-30	0.410000	0.000218	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-0.050000	-0.000027	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	-10	0.580000	0.000308	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	0	-0.080000	-0.000042	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	10	0.270000	0.000143	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	20	-0.230000	-0.000122	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	30	1.640000	0.000871	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	40	0.670000	0.000356	PASS
N25	15	15	DFT-QPSK	M	Outer_Full	NV	50	0.570000	0.000303	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	-30	0.470000	0.000250	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	-20	0.700000	0.000372	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	-10	1.880000	0.000999	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	0	-0.180000	-0.000096	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	10	-0.290000	-0.000154	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	20	0.470000	0.000250	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	30	1.160000	0.000616	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	40	0.580000	0.000308	PASS
N25	15	15	DFT-16QAM	M	Outer_Full	NV	50	2.580000	0.001371	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	-30	0.280000	0.000147	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	-20	0.470000	0.000246	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-1.350000	-0.000708	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	0	0.000000	0.000000	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	10	-0.170000	-0.000089	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	20	0.240000	0.000126	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	30	-0.850000	-0.000446	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	40	1.140000	0.000598	PASS
N25	15	15	DFT-QPSK	H	Outer_Full	NV	50	0.890000	0.000467	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	-30	0.890000	0.000467	PASS

N25	15	15	DFT-16QAM	H	Outer_Full	NV	-20	-0.450000	-0.000236	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-0.370000	-0.000194	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	0	2.340000	0.001227	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	10	0.600000	0.000315	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	20	-0.200000	-0.000105	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	30	0.190000	0.000100	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	40	2.690000	0.001410	PASS
N25	15	15	DFT-16QAM	H	Outer_Full	NV	50	1.440000	0.000755	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-3.640000	-0.001957	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-2.740000	-0.001473	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-4.340000	-0.002333	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	0	-1.450000	-0.000780	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	10	-4.500000	-0.002419	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	20	-1.540000	-0.000828	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	30	-5.000000	-0.002688	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	40	-6.720000	-0.003613	PASS
N25	15	20	DFT-QPSK	L	Outer_Full	NV	50	-5.280000	-0.002839	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-4.890000	-0.002629	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-4.490000	-0.002414	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	-10	-4.210000	-0.002263	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	0	-0.920000	-0.000495	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	10	-2.250000	-0.001210	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	20	-4.400000	-0.002366	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	30	-4.250000	-0.002285	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	40	-5.210000	-0.002801	PASS
N25	15	20	DFT-16QAM	L	Outer_Full	NV	50	-2.780000	-0.001495	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-3.350000	-0.001780	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-6.100000	-0.003240	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-3.730000	-0.001981	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	0	-6.320000	-0.003357	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	10	-4.930000	-0.002619	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	20	-4.750000	-0.002523	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	30	-2.490000	-0.001323	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	40	-0.800000	-0.000425	PASS
N25	15	20	DFT-QPSK	M	Outer_Full	NV	50	-4.690000	-0.002491	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-4.430000	-0.002353	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-5.020000	-0.002667	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-1.240000	-0.000659	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	0	-1.250000	-0.000664	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	10	-5.310000	-0.002821	PASS

N25	15	20	DFT-16QAM	M	Outer_Full	NV	20	-5.220000	-0.002773	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	30	-3.980000	-0.002114	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	40	-4.900000	-0.002603	PASS
N25	15	20	DFT-16QAM	M	Outer_Full	NV	50	-2.660000	-0.001413	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-4.300000	-0.002257	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-4.160000	-0.002184	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-1.590000	-0.000835	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	0	-5.620000	-0.002950	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	10	-4.850000	-0.002546	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	20	-3.900000	-0.002047	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	30	-4.019999	-0.002110	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	40	-4.840000	-0.002541	PASS
N25	15	20	DFT-QPSK	H	Outer_Full	NV	50	-4.380000	-0.002299	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-4.139999	-0.002173	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-1.850000	-0.000971	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-3.800000	-0.001994	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	0	-5.590000	-0.002934	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	10	-0.680000	-0.000357	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	20	-2.440000	-0.001281	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	30	-3.880000	-0.002037	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	40	-2.830000	-0.001486	PASS
N25	15	20	DFT-16QAM	H	Outer_Full	NV	50	-4.340000	-0.002278	PASS