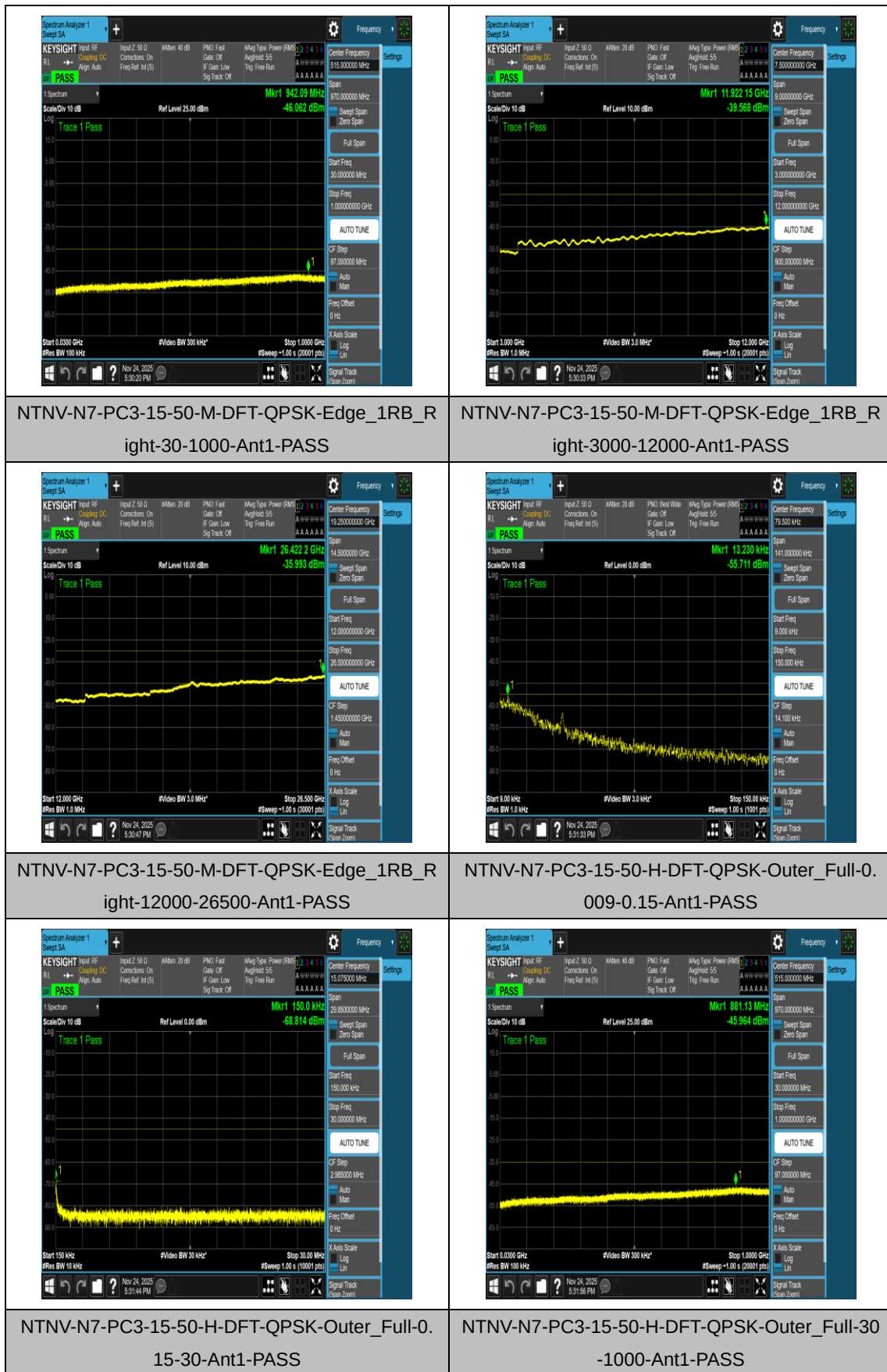
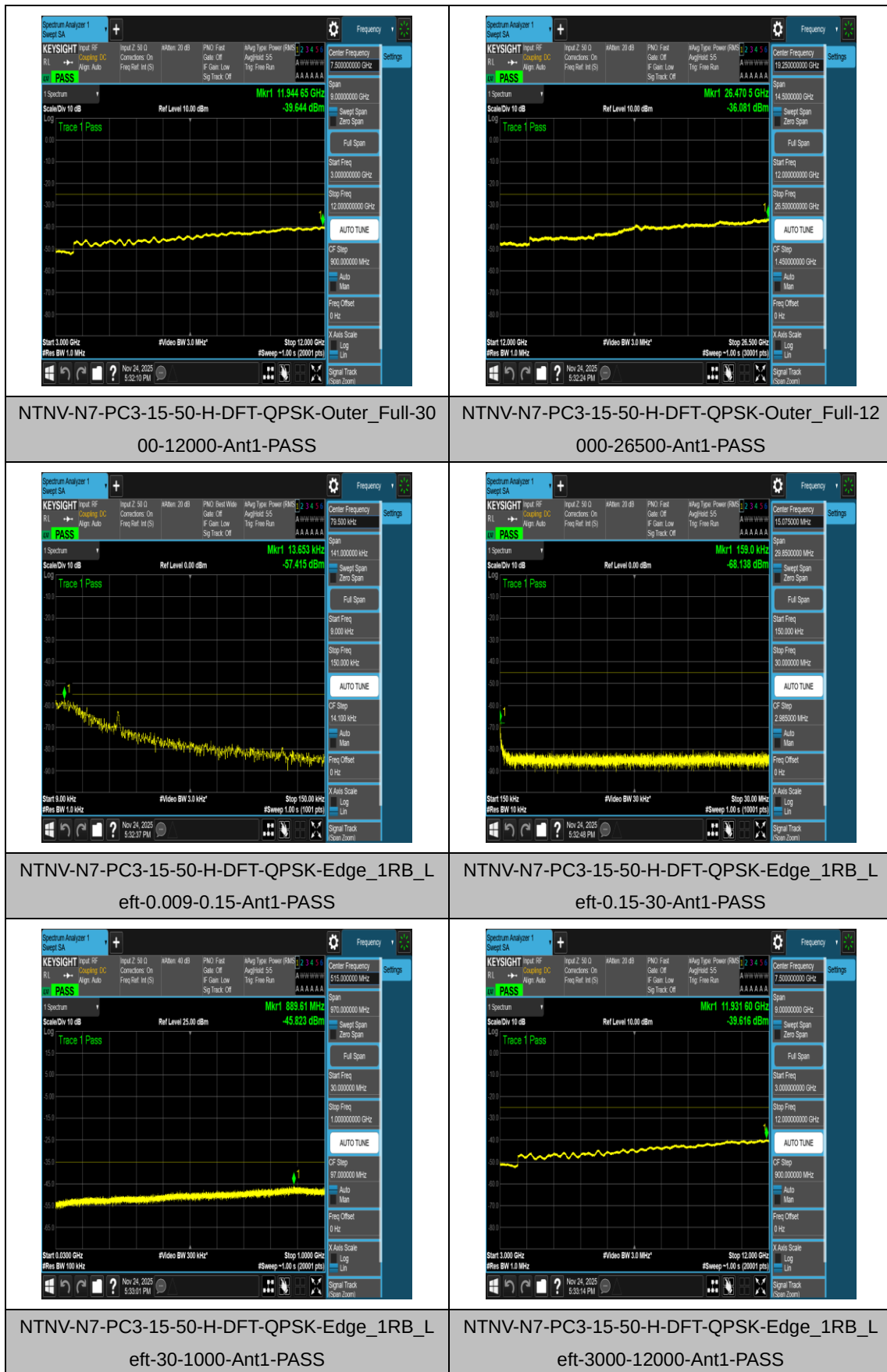
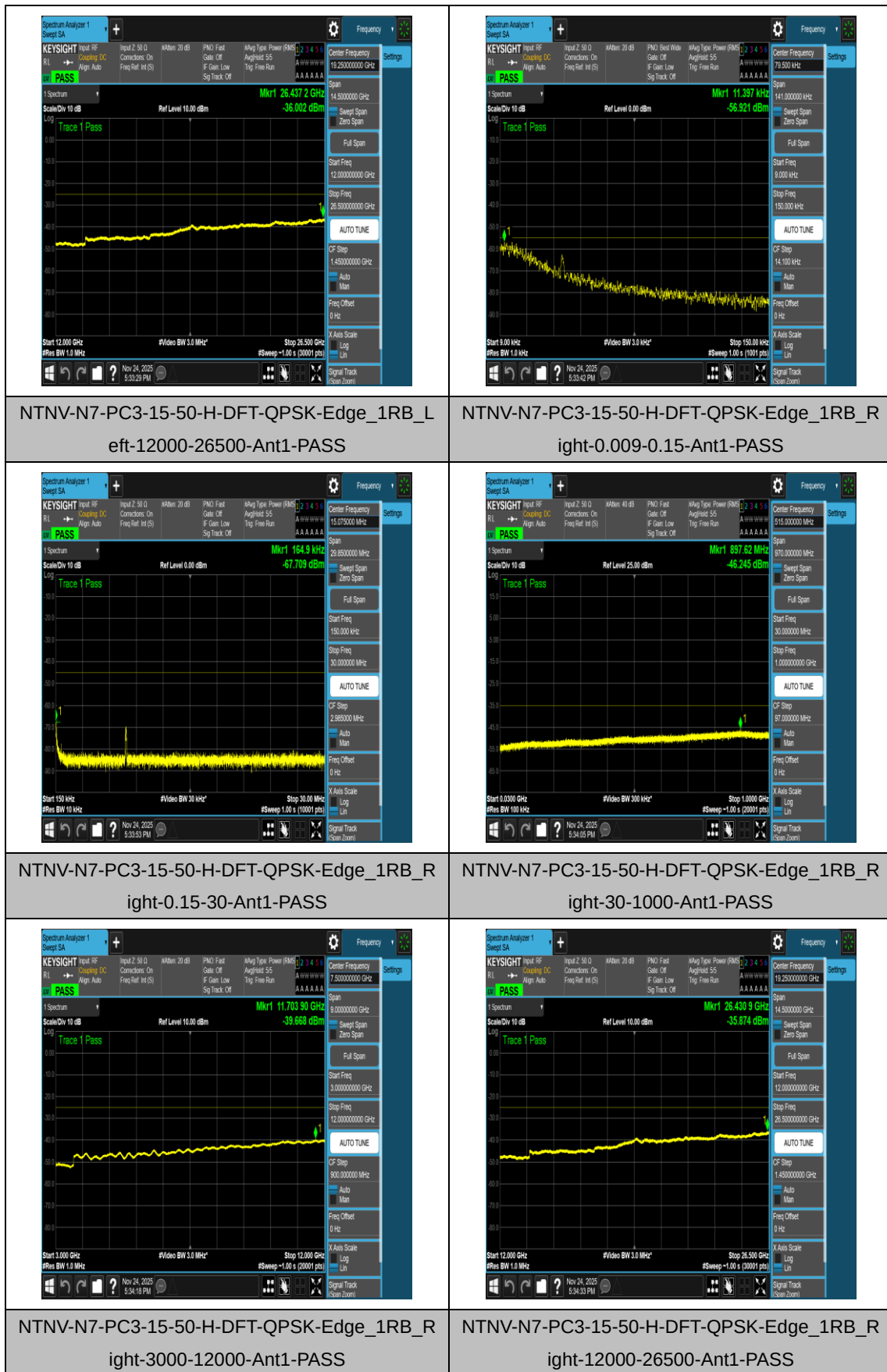








Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	5	DFT-QPSK	L	Outer_Full	VL	NT	-6.830000	-0.002729	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-5.650000	-0.002258	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-6.590000	-0.002633	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	VL	NT	-8.240000	-0.003293	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	VN	NT	-7.520000	-0.003005	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	VH	NT	-3.350000	-0.001339	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-0.260000	-0.000103	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VN	NT	-5.260000	-0.002075	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-3.220000	-0.001270	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	VL	NT	-5.550000	-0.002189	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	VN	NT	-4.630000	-0.001826	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	VH	NT	-7.530000	-0.002970	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	VL	NT	-4.470000	-0.001741	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	VN	NT	-8.470000	-0.003299	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	VH	NT	-10.270000	-0.004000	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	VL	NT	-5.880000	-0.002290	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	VN	NT	-9.470000	-0.003688	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	VH	NT	-11.800000	-0.004596	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	VL	NT	-6.140000	-0.002451	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-5.010000	-0.002000	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-5.590000	-0.002232	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-6.850000	-0.002735	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	VN	NT	-6.050000	-0.002415	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	VH	NT	-7.870000	-0.003142	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-2.920000	-0.001152	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-2.140000	-0.000844	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-3.840000	-0.001515	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	VL	NT	-10.020000	-0.003953	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	VN	NT	-6.190000	-0.002442	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	VH	NT	-9.360000	-0.003692	PASS

N7	15	10	DFT-QPSK	H	Outer_Full	VL	NT	-3.010000	-0.001173	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	VN	NT	-4.570000	-0.001782	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	VH	NT	-8.250000	-0.003216	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	VL	NT	-8.800000	-0.003431	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	VN	NT	-5.020000	-0.001957	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	VH	NT	-6.230000	-0.002429	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-8.130000	-0.003242	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	VN	NT	-10.040000	-0.004004	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	VH	NT	-7.580000	-0.003023	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-5.000000	-0.001972	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-2.870000	-0.001132	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-8.290000	-0.003270	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	VL	NT	-5.870000	-0.002316	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	VN	NT	-9.050000	-0.003570	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	VH	NT	-6.930000	-0.002734	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-7.400000	-0.002888	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	VH	NT	-8.480000	-0.003309	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	VL	NT	-13.390000	-0.005225	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	VN	NT	-12.290000	-0.004796	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	VH	NT	-13.480000	-0.005260	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-8.210000	-0.003271	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-6.480000	-0.002582	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-8.410000	-0.003351	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-5.230000	-0.002084	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-9.560000	-0.003809	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-9.850000	-0.003924	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-3.660000	-0.001444	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-1.730000	-0.000682	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-9.320000	-0.003677	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-7.990000	-0.003152	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-6.480000	-0.002556	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-8.230000	-0.003215	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-8.200000	-0.003203	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-10.980000	-0.004289	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-7.900000	-0.003086	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-12.620000	-0.004930	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-9.140000	-0.003570	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	VL	NT	4.130000	0.001644	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	VN	NT	2.590000	0.001031	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	VH	NT	-2.270000	-0.000903	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	VL	NT	-2.580000	-0.001027	PASS

N7	15	25	DFT-16QAM	L	Outer_Full	VN	NT	-0.650000	-0.000259	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	VH	NT	0.110000	0.000044	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	VN	NT	0.770000	0.000304	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	VH	NT	-2.560000	-0.001010	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	VL	NT	-9.340000	-0.003684	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	VN	NT	-9.010000	-0.003554	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	VH	NT	-6.780000	-0.002675	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	VL	NT	1.670000	0.000653	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	VN	NT	-0.410000	-0.000160	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	VH	NT	-2.660000	-0.001040	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	VL	NT	-6.540000	-0.002557	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	VN	NT	-2.930000	-0.001146	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	VH	NT	-4.780000	-0.001869	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	VL	NT	0.060000	0.000024	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	VN	NT	-1.330000	-0.000529	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	VH	NT	-3.640000	-0.001447	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	VL	NT	-10.330000	-0.004107	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	VN	NT	-5.320000	-0.002115	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	VH	NT	-6.520000	-0.002592	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	VL	NT	-3.340000	-0.001318	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	VH	NT	-8.550000	-0.003373	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	VL	NT	-11.790000	-0.004651	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	VN	NT	-7.700000	-0.003037	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	VH	NT	-8.260000	-0.003258	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	VL	NT	-1.490000	-0.000583	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	VN	NT	-2.310000	-0.000904	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	VH	NT	-4.830000	-0.001890	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	VL	NT	-11.070000	-0.004333	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	VN	NT	-7.300000	-0.002857	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	VH	NT	-5.630000	-0.002204	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	VL	NT	0.750000	0.000298	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	VN	NT	-1.020000	-0.000405	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	VH	NT	-5.510000	-0.002187	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	VL	NT	-3.830000	-0.001520	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	VN	NT	-3.950000	-0.001567	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	VH	NT	-0.260000	-0.000103	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	VN	NT	-5.030000	-0.001984	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	VH	NT	-8.910000	-0.003515	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	VL	NT	-6.280000	-0.002477	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	VN	NT	-6.730000	-0.002655	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	VH	NT	-6.530000	-0.002576	PASS

N7	15	40	DFT-QPSK	H	Outer_Full	VL	NT	-1.580000	-0.000620	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	VN	NT	-1.670000	-0.000655	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	VH	NT	-8.320000	-0.003263	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	VL	NT	-7.070000	-0.002773	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	VN	NT	-8.360000	-0.003278	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	VH	NT	-9.200000	-0.003608	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	VL	NT	-1.840000	-0.000729	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	VN	NT	-8.730000	-0.003457	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	VH	NT	-7.970000	-0.003156	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	VL	NT	-8.760000	-0.003469	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	VN	NT	-8.470000	-0.003354	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	VH	NT	-6.970000	-0.002760	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	VL	NT	-4.630000	-0.001826	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	VN	NT	-5.130000	-0.002024	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	VH	NT	-7.480000	-0.002951	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	VL	NT	-6.490000	-0.002560	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	VN	NT	-4.360000	-0.001720	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	VH	NT	-6.750000	-0.002663	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	VL	NT	-2.790000	-0.001096	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	VN	NT	-5.030000	-0.001976	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	VH	NT	-7.830000	-0.003077	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	VL	NT	-7.760000	-0.003049	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	VN	NT	-7.320000	-0.002876	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	VH	NT	-6.960000	-0.002735	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	5	DFT-QPSK	L	Outer_Full	NV	-30	-8.400000	-0.003357	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-8.930000	-0.003568	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-8.400000	-0.003357	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	0	-7.020000	-0.002805	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	10	-7.880000	-0.003149	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	20	-12.750000	-0.005095	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	30	-14.420000	-0.005762	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	40	-12.260000	-0.004899	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	50	-11.430000	-0.004567	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	-30	-4.740000	-0.001894	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	-20	-7.000000	-0.002797	PASS

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N7	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-9.170000	-0.003664	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	0	-8.050000	-0.003217	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	10	-7.980000	-0.003189	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	20	-7.980000	-0.003189	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	30	-6.900000	-0.002757	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	40	-7.200000	-0.002877	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	50	-6.680000	-0.002669	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-12.270000	-0.004840	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-7.440000	-0.002935	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-10.580000	-0.004174	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	0	-8.960000	-0.003535	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	10	-9.790000	-0.003862	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	20	-5.120000	-0.002020	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	30	-4.110000	-0.001621	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	40	-9.740000	-0.003842	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	50	-8.930000	-0.003523	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	-30	-6.050000	-0.002387	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	-20	-12.390000	-0.004888	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	-10	-6.160000	-0.002430	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	0	-7.950000	-0.003136	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	10	-6.380000	-0.002517	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	20	-3.320000	-0.001310	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	30	-6.370000	-0.002513	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	40	-4.630000	-0.001826	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	50	-3.800000	-0.001499	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	-30	-5.370000	-0.002092	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	-20	-6.220000	-0.002423	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	-10	-7.190000	-0.002800	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	0	-7.360000	-0.002867	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	10	-8.120000	-0.003163	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	20	-9.650000	-0.003759	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	30	-11.580000	-0.004510	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	40	-9.820000	-0.003825	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	50	-4.560000	-0.001776	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	-30	-6.180000	-0.002407	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	-20	-7.230000	-0.002816	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	-10	-3.070000	-0.001196	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	0	-6.360000	-0.002477	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	10	-9.730000	-0.003790	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	20	-11.810000	-0.004600	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	30	-8.690000	-0.003385	PASS

N7	15	5	DFT-16QAM	H	Outer_Full	NV	40	-3.030000	-0.001180	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	50	-4.020000	-0.001566	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-2.590000	-0.001034	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	-20	-9.240000	-0.003689	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-9.800000	-0.003912	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	0	-7.120000	-0.002842	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	10	-5.800000	-0.002315	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	20	-7.350000	-0.002934	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	30	-5.300000	-0.002116	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	40	-8.890000	-0.003549	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	50	-10.510000	-0.004196	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-7.920000	-0.003162	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	-20	-7.720000	-0.003082	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	-10	-1.860000	-0.000743	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	0	-4.790000	-0.001912	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	10	-1.970000	-0.000786	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	20	-10.340000	-0.004128	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	30	-9.190000	-0.003669	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	40	-5.390000	-0.002152	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	50	-4.470000	-0.001784	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-6.660000	-0.002627	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-9.510000	-0.003751	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-9.390000	-0.003704	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	0	-9.560000	-0.003771	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	10	-9.720000	-0.003834	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	20	-6.880000	-0.002714	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	30	-5.350000	-0.002110	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	40	-3.800000	-0.001499	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	50	-7.820000	-0.003085	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-6.580000	-0.002596	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-7.330000	-0.002892	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-3.590000	-0.001416	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	0	-3.030000	-0.001195	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	10	-5.020000	-0.001980	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	20	-5.010000	-0.001976	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	30	-5.400000	-0.002130	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	40	-10.910000	-0.004304	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	50	-6.150000	-0.002426	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	-30	-5.140000	-0.002004	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	-20	-7.020000	-0.002737	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	-10	-10.360000	-0.004039	PASS

N7	15	10	DFT-QPSK	H	Outer_Full	NV	0	-10.660000	-0.004156	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	10	-11.630000	-0.004534	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	20	-7.270000	-0.002834	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	30	-14.660000	-0.005715	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	40	-9.990000	-0.003895	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	50	-9.740000	-0.003797	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	-30	-7.890000	-0.003076	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	-20	-9.310000	-0.003630	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	-10	-6.870000	-0.002678	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	0	-8.910000	-0.003474	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	10	-9.320000	-0.003634	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	20	-3.370000	-0.001314	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	30	-4.580000	-0.001786	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	40	-3.910000	-0.001524	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	50	-4.020000	-0.001567	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-8.710000	-0.003474	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	-10	-6.990000	-0.002788	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	0	-5.860000	-0.002337	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	10	-6.440000	-0.002568	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	20	-7.170000	-0.002859	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	30	-8.090000	-0.003226	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	40	-5.740000	-0.002289	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	50	-9.100000	-0.003629	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	-30	-5.340000	-0.002130	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	-20	-3.350000	-0.001336	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	-10	-3.270000	-0.001304	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	0	-9.390000	-0.003745	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	10	-10.590000	-0.004223	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	20	-9.020000	-0.003597	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	30	-7.280000	-0.002903	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	40	-4.370000	-0.001743	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	50	-4.520000	-0.001803	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-11.670000	-0.004604	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-5.800000	-0.002288	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-7.080000	-0.002793	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	0	-3.430000	-0.001353	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	10	-8.820000	-0.003479	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	20	-10.060000	-0.003968	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	30	-10.320000	-0.004071	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	40	-9.840000	-0.003882	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	50	-8.380000	-0.003306	PASS

N7	15	15	DFT-16QAM	M	Outer_Full	NV	-30	-6.700000	-0.002643	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	-20	-7.750000	-0.003057	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	-10	-6.190000	-0.002442	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	0	-6.420000	-0.002533	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	10	-8.700000	-0.003432	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	20	-6.990000	-0.002757	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	30	-8.180000	-0.003227	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	40	-4.580000	-0.001807	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	50	-7.000000	-0.002761	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	-30	-13.060000	-0.005097	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	-20	-13.420000	-0.005237	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-16.230000	-0.006334	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	0	-8.070000	-0.003149	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	10	-6.740000	-0.002630	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	20	-11.430000	-0.004460	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	30	-13.860000	-0.005409	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	40	-10.670000	-0.004164	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	50	-10.550000	-0.004117	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	-30	-6.750000	-0.002634	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	-20	-6.930000	-0.002704	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-4.300000	-0.001678	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	0	-12.930000	-0.005046	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	10	-14.570000	-0.005686	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	20	-14.220000	-0.005549	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	30	-7.070000	-0.002759	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	40	-9.930000	-0.003875	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	50	-7.980000	-0.003114	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-8.850000	-0.003526	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-11.070000	-0.004410	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-10.610000	-0.004227	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	0	-8.560000	-0.003410	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	10	-9.420000	-0.003753	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	20	-7.220000	-0.002876	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	30	-7.360000	-0.002932	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	40	-4.580000	-0.001825	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	50	-5.440000	-0.002167	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-11.690000	-0.004657	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-7.680000	-0.003060	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	-10	-7.610000	-0.003032	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	0	-8.890000	-0.003542	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	10	-5.960000	-0.002375	PASS

N7	15	20	DFT-16QAM	L	Outer_Full	NV	20	-5.050000	-0.002012	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	30	-3.440000	-0.001371	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	40	-5.540000	-0.002207	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	50	-4.540000	-0.001809	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-5.230000	-0.002063	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-7.400000	-0.002919	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-9.100000	-0.003590	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	0	-10.630000	-0.004193	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	10	-10.190000	-0.004020	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	20	-9.780000	-0.003858	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	30	-5.050000	-0.001992	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	40	-4.260000	-0.001680	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	50	-8.710000	-0.003436	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-7.810000	-0.003081	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-4.540000	-0.001791	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-8.530000	-0.003365	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	0	-9.470000	-0.003736	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	10	-4.430000	-0.001748	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	20	-5.490000	-0.002166	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	30	-6.570000	-0.002592	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	40	-5.730000	-0.002260	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	50	-3.580000	-0.001412	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-7.270000	-0.002840	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-8.440000	-0.003297	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-7.190000	-0.002809	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	0	-5.550000	-0.002168	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	10	-3.440000	-0.001344	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	20	-5.210000	-0.002035	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	30	-10.950000	-0.004277	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	40	-8.890000	-0.003473	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	50	-6.950000	-0.002715	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-6.850000	-0.002676	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-9.930000	-0.003879	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-9.410000	-0.003676	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	0	-4.320000	-0.001688	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	10	-2.670000	-0.001043	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	20	-5.850000	-0.002285	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	30	-5.320000	-0.002078	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	40	-2.940000	-0.001148	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	50	-6.620000	-0.002586	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	NV	-30	-3.160000	-0.001258	PASS

N7	15	25	DFT-QPSK	L	Outer_Full	NV	-20	-7.780000	-0.003097	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	NV	-10	-4.050000	-0.001612	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	NV	0	-5.820000	-0.002316	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	NV	10	-1.420000	-0.000565	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	NV	20	0.070000	0.000028	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	NV	30	-5.600000	-0.002229	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	NV	40	-4.640000	-0.001847	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	NV	50	-2.600000	-0.001035	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	NV	-30	-4.870000	-0.001938	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	NV	-20	-5.410000	-0.002153	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	NV	-10	-6.390000	-0.002543	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	NV	0	-7.520000	-0.002993	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	NV	10	-6.230000	-0.002480	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	NV	20	-3.980000	-0.001584	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	NV	30	0.340000	0.000135	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	NV	40	0.650000	0.000259	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	NV	50	3.060000	0.001218	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	-30	-2.600000	-0.001026	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	-20	-7.840000	-0.003093	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	-10	-9.800000	-0.003866	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	0	-10.890000	-0.004296	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	10	-7.650000	-0.003018	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	20	-6.740000	-0.002659	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	30	-5.210000	-0.002055	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	40	-11.050000	-0.004359	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	NV	50	-9.260000	-0.003653	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	NV	-30	-8.390000	-0.003310	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	NV	-20	-5.260000	-0.002075	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	NV	-10	-8.470000	-0.003341	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	NV	0	-10.790000	-0.004256	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	NV	10	-8.390000	-0.003310	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	NV	20	-10.530000	-0.004154	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	NV	30	-7.370000	-0.002907	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	NV	40	-6.920000	-0.002730	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	NV	50	-5.730000	-0.002260	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	NV	-30	-4.700000	-0.001838	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	NV	-20	-4.990000	-0.001951	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	NV	-10	-2.170000	-0.000848	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	NV	0	-3.180000	-0.001243	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	NV	10	-3.280000	-0.001283	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	NV	20	-10.860000	-0.004246	PASS

N7	15	25	DFT-QPSK	H	Outer_Full	NV	30	-6.460000	-0.002526	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	NV	40	-3.990000	-0.001560	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	NV	50	-4.020000	-0.001572	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	NV	-30	-2.500000	-0.000978	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	NV	-20	-2.390000	-0.000935	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	NV	-10	-6.150000	-0.002405	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	NV	0	-5.830000	-0.002280	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	NV	10	-5.460000	-0.002135	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	NV	20	-4.070000	-0.001591	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	NV	30	-4.710000	-0.001842	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	NV	40	-6.790000	-0.002655	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	NV	50	-0.340000	-0.000133	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	NV	-30	-3.640000	-0.001447	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	NV	-20	-5.820000	-0.002314	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	NV	-10	-9.460000	-0.003761	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	NV	0	-6.300000	-0.002505	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	NV	20	-6.180000	-0.002457	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	NV	30	-4.320000	-0.001718	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	NV	40	-5.770000	-0.002294	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	NV	50	-7.480000	-0.002974	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	NV	-30	-9.440000	-0.003753	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	NV	20	-10.820000	-0.004302	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	NV	30	-9.010000	-0.003583	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	NV	40	-5.790000	-0.002302	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	NV	50	-6.840000	-0.002720	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	-30	-7.670000	-0.003026	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	-20	-6.870000	-0.002710	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	-10	-8.860000	-0.003495	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	0	-3.900000	-0.001538	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	10	-11.390000	-0.004493	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	20	-8.120000	-0.003203	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	30	-9.570000	-0.003775	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	40	-5.390000	-0.002126	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	NV	50	-4.460000	-0.001759	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	NV	-30	-7.800000	-0.003077	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	NV	-20	-9.800000	-0.003866	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	NV	-10	-4.830000	-0.001905	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	NV	0	-5.020000	-0.001980	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	NV	10	-4.650000	-0.001834	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	NV	20	-4.180000	-0.001649	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	NV	30	-8.880000	-0.003503	PASS

N7	15	30	DFT-16QAM	M	Outer_Full	NV	50	-6.940000	-0.002738	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	NV	-30	-10.800000	-0.004227	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	NV	-20	-12.000000	-0.004697	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	NV	-10	-8.720000	-0.003413	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	NV	0	-8.130000	-0.003182	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	NV	10	-7.300000	-0.002857	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	NV	20	-13.440000	-0.005260	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	NV	30	-14.770000	-0.005781	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	NV	40	-10.190000	-0.003988	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	NV	50	-10.660000	-0.004172	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	NV	-30	-6.500000	-0.002544	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	NV	-20	-5.250000	-0.002055	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	NV	-10	-11.040000	-0.004321	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	NV	0	-8.800000	-0.003444	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	NV	10	-6.910000	-0.002705	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	NV	20	-7.740000	-0.003029	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	NV	30	-8.900000	-0.003483	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	NV	40	-6.740000	-0.002638	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	NV	50	-7.530000	-0.002947	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	NV	-30	-1.310000	-0.000520	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	NV	-20	-2.260000	-0.000897	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	NV	-10	-6.330000	-0.002512	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	NV	0	-8.740000	-0.003468	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	NV	10	-7.070000	-0.002806	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	NV	20	-8.150000	-0.003234	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	NV	30	-5.760000	-0.002286	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	NV	40	-9.250000	-0.003671	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	NV	50	-3.990000	-0.001583	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	NV	-30	-6.850000	-0.002718	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	NV	-20	-8.430000	-0.003345	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	NV	-10	-4.620000	-0.001833	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	NV	0	-3.720000	-0.001476	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	NV	10	-8.240000	-0.003270	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	NV	20	-5.910000	-0.002345	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	NV	30	-1.470000	-0.000583	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	NV	40	-4.910000	-0.001948	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	NV	50	-2.500000	-0.000992	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	-30	-7.470000	-0.002947	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	-20	-10.760000	-0.004245	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	-10	-10.310000	-0.004067	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	0	-9.790000	-0.003862	PASS

N7	15	40	DFT-QPSK	M	Outer_Full	NV	10	-8.590000	-0.003389	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	20	-7.990000	-0.003152	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	30	-9.890000	-0.003901	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	40	-9.900000	-0.003905	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	NV	50	-7.030000	-0.002773	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	NV	-30	-11.820000	-0.004663	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	NV	-20	-8.050000	-0.003176	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	NV	-10	-7.130000	-0.002813	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	NV	0	-6.050000	-0.002387	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	NV	10	-9.990000	-0.003941	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	NV	20	-6.320000	-0.002493	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	NV	30	-7.650000	-0.003018	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	NV	40	-7.280000	-0.002872	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	NV	50	-8.490000	-0.003349	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	NV	-30	-9.790000	-0.003839	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	NV	-20	-4.290000	-0.001682	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	NV	-10	-4.000000	-0.001569	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	NV	0	-5.910000	-0.002318	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	NV	10	-8.690000	-0.003408	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	NV	20	-5.300000	-0.002078	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	NV	30	-8.030000	-0.003149	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	NV	40	-1.240000	-0.000486	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	NV	50	-2.720000	-0.001067	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	NV	-30	-6.770000	-0.002655	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	NV	-20	-3.180000	-0.001247	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	NV	-10	-2.320000	-0.000910	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	NV	0	-6.390000	-0.002506	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	NV	10	-4.860000	-0.001906	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	NV	20	-0.470000	-0.000184	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	NV	30	-1.950000	-0.000765	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	NV	40	-6.450000	-0.002529	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	NV	50	-11.100000	-0.004353	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	NV	-30	-10.380000	-0.004111	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	NV	-20	-6.240000	-0.002471	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	NV	-10	-8.520000	-0.003374	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	NV	0	-11.930000	-0.004725	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	NV	10	-8.210000	-0.003251	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	NV	20	-9.860000	-0.003905	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	NV	30	-11.580000	-0.004586	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	NV	40	-10.220000	-0.004048	PASS
N7	15	50	DFT-QPSK	L	Outer_Full	NV	50	-6.350000	-0.002515	PASS

N7	15	50	DFT-16QAM	L	Outer_Full	NV	-30	-3.510000	-0.001390	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	NV	-20	-6.100000	-0.002416	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	NV	-10	-9.800000	-0.003881	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	NV	0	-7.580000	-0.003002	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	NV	10	-8.210000	-0.003251	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	NV	20	-7.880000	-0.003121	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	NV	30	-5.260000	-0.002083	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	NV	40	-6.230000	-0.002467	PASS
N7	15	50	DFT-16QAM	L	Outer_Full	NV	50	-10.140000	-0.004016	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	NV	-30	-4.800000	-0.001893	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	NV	-20	-8.310000	-0.003278	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	NV	-10	-5.790000	-0.002284	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	NV	0	-11.550000	-0.004556	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	NV	10	-12.200000	-0.004813	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	NV	20	-13.390000	-0.005282	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	NV	30	-5.960000	-0.002351	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	NV	40	-5.210000	-0.002055	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	NV	50	-7.170000	-0.002828	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	NV	-30	-8.570000	-0.003381	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	NV	-20	-8.090000	-0.003191	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	NV	-10	-7.100000	-0.002801	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	NV	0	-3.190000	-0.001258	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	NV	10	-5.730000	-0.002260	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	NV	20	-3.990000	-0.001574	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	NV	30	-7.590000	-0.002994	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	NV	40	-4.880000	-0.001925	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	NV	50	-4.530000	-0.001787	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	NV	-30	-4.340000	-0.001705	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	NV	-20	-4.490000	-0.001764	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	NV	-10	-8.400000	-0.003301	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	NV	0	-4.440000	-0.001745	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	NV	10	-7.050000	-0.002770	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	NV	20	-9.820000	-0.003859	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	NV	30	-6.690000	-0.002629	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	NV	40	-3.430000	-0.001348	PASS
N7	15	50	DFT-QPSK	H	Outer_Full	NV	50	-9.690000	-0.003807	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	NV	-30	-8.920000	-0.003505	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	NV	-20	-5.180000	-0.002035	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	NV	-10	-4.830000	-0.001898	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	NV	0	-4.730000	-0.001859	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	NV	10	-5.900000	-0.002318	PASS

N7	15	50	DFT-16QAM	H	Outer_Full	NV	20	-2.540000	-0.000998	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	NV	30	-1.620000	-0.000637	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	NV	40	-4.600000	-0.001807	PASS
N7	15	50	DFT-16QAM	H	Outer_Full	NV	50	-5.690000	-0.002236	PASS