

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	0.470000	0.000706	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-0.150000	-0.000225	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-0.590000	-0.000887	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	VL	NT	-0.300000	-0.000451	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	VN	NT	-0.340000	-0.000510	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	VH	NT	0.420000	0.000631	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	VL	NT	0.470000	0.000691	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	VN	NT	0.330000	0.000485	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-0.710000	-0.001043	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	VL	NT	-0.650000	-0.000955	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	VN	NT	-0.370000	-0.000544	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	VH	NT	-0.640000	-0.000940	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	VL	NT	0.260000	0.000374	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	VN	NT	-0.660000	-0.000949	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	VH	NT	0.570000	0.000820	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	VL	NT	0.240000	0.000345	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	VN	NT	0.040000	0.000058	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	VH	NT	-0.650000	-0.000935	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	VL	NT	-1.020000	-0.001527	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-1.740000	-0.002605	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-1.760000	-0.002635	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-1.320000	-0.001976	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	VN	NT	-3.030000	-0.004536	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	VH	NT	-1.810000	-0.002710	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-2.870000	-0.004217	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-2.820000	-0.004144	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-2.009999	-0.002954	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	VL	NT	-1.560000	-0.002292	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	VN	NT	-1.710000	-0.002513	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	VH	NT	-3.070000	-0.004511	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	VL	NT	-1.980000	-0.002857	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	VN	NT	-3.150000	-0.004545	PASS

N71	15	10	DFT-QPSK	H	Outer_Full	VH	NT	-2.500000	-0.003608	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	VL	NT	-2.350000	-0.003391	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	VN	NT	-2.390000	-0.003449	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	VH	NT	-2.880000	-0.004156	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	VL	NT	-5.070000	-0.007562	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	VN	NT	-3.680000	-0.005488	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	VH	NT	-4.230000	-0.006309	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-3.900000	-0.005817	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	VN	NT	-4.179999	-0.006234	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	VH	NT	-3.990000	-0.005951	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-3.410000	-0.005011	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-5.100000	-0.007494	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-4.550000	-0.006686	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	VL	NT	-4.120000	-0.006054	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	VN	NT	-3.740000	-0.005496	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	VH	NT	-4.790000	-0.007039	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	VL	NT	-4.700000	-0.006807	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-4.230000	-0.006126	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	VH	NT	-4.280000	-0.006198	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	VL	NT	-4.139999	-0.005996	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	VN	NT	-3.880000	-0.005619	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	VH	NT	-4.099999	-0.005938	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-5.680000	-0.008440	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-6.130000	-0.009108	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-6.060000	-0.009004	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-5.740000	-0.008529	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-5.340000	-0.007934	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-5.670000	-0.008425	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-5.690000	-0.008361	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-5.890000	-0.008655	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-5.830000	-0.008567	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-6.340000	-0.009317	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-5.100000	-0.007494	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-5.090000	-0.007480	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-5.930000	-0.008619	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-5.770000	-0.008387	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-5.830000	-0.008474	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-5.360000	-0.007791	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-5.150000	-0.007485	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-5.420000	-0.007878	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	-0.020000	-0.000030	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-0.710000	-0.001067	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-0.450000	-0.000676	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	0	-0.270000	-0.000406	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	10	0.070000	0.000105	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	20	-0.710000	-0.001067	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	30	-0.150000	-0.000225	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	40	-0.970000	-0.001458	PASS
N71	15	5	DFT-QPSK	L	Outer_Full	NV	50	-0.490000	-0.000736	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	-30	0.270000	0.000406	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	-20	-1.120000	-0.001683	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	-10	0.300000	0.000451	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	0	0.210000	0.000316	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	10	0.220000	0.000331	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	20	0.260000	0.000391	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	30	-0.180000	-0.000270	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	40	-1.270000	-0.001908	PASS
N71	15	5	DFT-16QAM	L	Outer_Full	NV	50	0.270000	0.000406	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-1.180000	-0.001734	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	-20	0.110000	0.000162	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-0.220000	-0.000323	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	0	-1.710000	-0.002513	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	10	-1.330000	-0.001954	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	20	0.780000	0.001146	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	30	-0.360000	-0.000529	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	40	-1.160000	-0.001705	PASS
N71	15	5	DFT-QPSK	M	Outer_Full	NV	50	0.050000	0.000073	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	-30	-0.250000	-0.000367	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	-20	0.170000	0.000250	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	-10	0.090000	0.000132	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	0	-0.690000	-0.001013	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	10	-0.940000	-0.001381	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	20	0.110000	0.000162	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	30	0.370000	0.000544	PASS

N71	15	5	DFT-16QAM	M	Outer_Full	NV	40	0.370000	0.000544	PASS
N71	15	5	DFT-16QAM	M	Outer_Full	NV	50	0.830000	0.001220	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	-30	-0.200000	-0.000288	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	-20	-0.380000	-0.000546	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	-10	-0.990000	-0.001423	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	0	0.290000	0.000417	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	10	-0.110000	-0.000158	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	20	-0.690000	-0.000992	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	30	0.100000	0.000144	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	40	0.030000	0.000043	PASS
N71	15	5	DFT-QPSK	H	Outer_Full	NV	50	-0.380000	-0.000546	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	-30	0.240000	0.000345	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	-20	-0.590000	-0.000848	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	-10	-0.930000	-0.001337	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	0	-0.820000	-0.001179	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	10	0.020000	0.000029	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	20	0.390000	0.000561	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	30	-0.180000	-0.000259	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	40	0.070000	0.000101	PASS
N71	15	5	DFT-16QAM	H	Outer_Full	NV	50	0.220000	0.000316	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-3.250000	-0.004865	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	-20	-1.690000	-0.002530	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-2.340000	-0.003503	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	0	-2.740000	-0.004102	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	10	-3.230000	-0.004835	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	20	-2.490000	-0.003728	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	30	-2.840000	-0.004251	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	40	-3.220000	-0.004820	PASS
N71	15	10	DFT-QPSK	L	Outer_Full	NV	50	-1.650000	-0.002470	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-2.890000	-0.004326	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	-20	-3.330000	-0.004985	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	-10	-2.340000	-0.003503	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	0	-1.950000	-0.002919	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	10	-2.380000	-0.003563	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	20	-2.100000	-0.003144	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	30	-2.620000	-0.003922	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	40	-2.950000	-0.004416	PASS
N71	15	10	DFT-16QAM	L	Outer_Full	NV	50	-0.770000	-0.001153	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-2.130000	-0.003130	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-2.250000	-0.003306	PASS

N71	15	10	DFT-QPSK	M	Outer_Full	NV	-10	-2.069999	-0.003042	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	0	-2.220000	-0.003262	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	10	-3.030000	-0.004453	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	20	-3.220000	-0.004732	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	30	-2.390000	-0.003512	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	40	-1.660000	-0.002439	PASS
N71	15	10	DFT-QPSK	M	Outer_Full	NV	50	-2.110000	-0.003101	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-1.670000	-0.002454	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-3.280000	-0.004820	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-1.950000	-0.002866	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	0	-2.970000	-0.004364	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	10	-1.560000	-0.002292	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	20	-1.630000	-0.002395	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	30	-2.390000	-0.003512	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	40	-3.300000	-0.004849	PASS
N71	15	10	DFT-16QAM	M	Outer_Full	NV	50	-2.950000	-0.004335	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	-30	-1.940000	-0.002799	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	-20	-2.140000	-0.003088	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	-10	-2.440000	-0.003521	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	0	-1.630000	-0.002352	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	10	-1.840000	-0.002655	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	20	-2.150000	-0.003102	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	30	-2.190000	-0.003160	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	40	-1.560000	-0.002251	PASS
N71	15	10	DFT-QPSK	H	Outer_Full	NV	50	-2.920000	-0.004214	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	-30	-0.920000	-0.001328	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	-20	-2.590000	-0.003737	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	-10	-1.820000	-0.002626	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	0	-1.800000	-0.002597	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	10	-1.810000	-0.002612	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	20	-1.830000	-0.002641	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	30	-1.610000	-0.002323	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	40	-2.990000	-0.004315	PASS
N71	15	10	DFT-16QAM	H	Outer_Full	NV	50	-2.840000	-0.004098	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	-30	-3.980000	-0.005936	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-3.370000	-0.005026	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	-10	-3.740000	-0.005578	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	0	-4.620000	-0.006890	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	10	-4.480000	-0.006682	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	20	-4.960000	-0.007397	PASS

N71	15	15	DFT-QPSK	L	Outer_Full	NV	30	-3.860000	-0.005757	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	40	-3.820000	-0.005697	PASS
N71	15	15	DFT-QPSK	L	Outer_Full	NV	50	-5.130000	-0.007651	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	-30	-3.630000	-0.005414	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	-20	-3.370000	-0.005026	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	-10	-3.350000	-0.004996	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	0	-3.600000	-0.005369	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	10	-4.190000	-0.006249	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	20	-4.810000	-0.007174	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	30	-4.139999	-0.006174	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	40	-4.250000	-0.006339	PASS
N71	15	15	DFT-16QAM	L	Outer_Full	NV	50	-3.820000	-0.005697	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-4.360000	-0.006407	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-4.480000	-0.006583	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-2.890000	-0.004247	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	0	-4.680000	-0.006877	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	10	-4.220000	-0.006201	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	20	-3.750000	-0.005511	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	30	-5.540000	-0.008141	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	40	-3.480000	-0.005114	PASS
N71	15	15	DFT-QPSK	M	Outer_Full	NV	50	-4.720000	-0.006936	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	-30	-4.270000	-0.006275	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	-20	-4.630000	-0.006804	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	-10	-4.620000	-0.006789	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	0	-4.190000	-0.006157	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	10	-4.300000	-0.006319	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	20	-4.040000	-0.005937	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	30	-4.860000	-0.007142	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	40	-4.770000	-0.007010	PASS
N71	15	15	DFT-16QAM	M	Outer_Full	NV	50	-4.530000	-0.006657	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	-30	-4.730000	-0.006850	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	-20	-4.900000	-0.007096	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-3.140000	-0.004547	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	0	-4.840000	-0.007009	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	10	-4.960000	-0.007183	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	20	-4.000000	-0.005793	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	30	-3.800000	-0.005503	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	40	-3.860000	-0.005590	PASS
N71	15	15	DFT-QPSK	H	Outer_Full	NV	50	-4.059999	-0.005880	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	-30	-4.200000	-0.006083	PASS

N71	15	15	DFT-16QAM	H	Outer_Full	NV	-20	-4.590000	-0.006647	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-4.480000	-0.006488	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	0	-4.640000	-0.006720	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	10	-4.890000	-0.007082	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	20	-4.090000	-0.005923	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	30	-3.340000	-0.004837	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	40	-4.240000	-0.006140	PASS
N71	15	15	DFT-16QAM	H	Outer_Full	NV	50	-4.620000	-0.006691	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-30	-4.920000	-0.007311	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-20	-5.740000	-0.008529	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-5.490000	-0.008158	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	0	-5.960000	-0.008856	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	10	-5.540000	-0.008232	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	20	-5.600000	-0.008321	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	30	-6.050000	-0.008990	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	40	-5.750000	-0.008544	PASS
N71	15	20	DFT-QPSK	L	Outer_Full	NV	50	-6.460000	-0.009599	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-5.730000	-0.008514	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	-20	-6.260000	-0.009302	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	-10	-6.390000	-0.009495	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	0	-5.300000	-0.007875	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	10	-5.730000	-0.008514	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	20	-5.860000	-0.008707	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	30	-5.950000	-0.008841	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	40	-6.420000	-0.009539	PASS
N71	15	20	DFT-16QAM	L	Outer_Full	NV	50	-6.380000	-0.009480	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-6.030000	-0.008861	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-5.660000	-0.008317	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-5.910000	-0.008685	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	0	-5.730000	-0.008420	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	10	-6.050000	-0.008891	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	20	-6.280000	-0.009229	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	30	-5.750000	-0.008450	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	40	-6.190000	-0.009096	PASS
N71	15	20	DFT-QPSK	M	Outer_Full	NV	50	-4.680000	-0.006877	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-5.770000	-0.008479	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-5.420000	-0.007965	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	-10	-5.810000	-0.008538	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	0	-5.730000	-0.008420	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	10	-5.590000	-0.008215	PASS

N71	15	20	DFT-16QAM	M	Outer_Full	NV	20	-5.650000	-0.008303	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	30	-5.420000	-0.007965	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	40	-5.670000	-0.008332	PASS
N71	15	20	DFT-16QAM	M	Outer_Full	NV	50	-5.790000	-0.008508	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-6.290000	-0.009142	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-6.380000	-0.009273	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-5.930000	-0.008619	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	0	-6.300000	-0.009157	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	10	-5.440000	-0.007907	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	20	-4.980000	-0.007238	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	30	-4.930000	-0.007166	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	40	-5.300000	-0.007703	PASS
N71	15	20	DFT-QPSK	H	Outer_Full	NV	50	-5.530000	-0.008038	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-6.490000	-0.009433	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-6.200000	-0.009012	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-5.750000	-0.008358	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	0	-5.350000	-0.007776	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	10	-5.660000	-0.008227	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	20	-5.790000	-0.008416	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	30	-5.800000	-0.008430	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	40	-5.820000	-0.008459	PASS
N71	15	20	DFT-16QAM	H	Outer_Full	NV	50	-5.510000	-0.008009	PASS