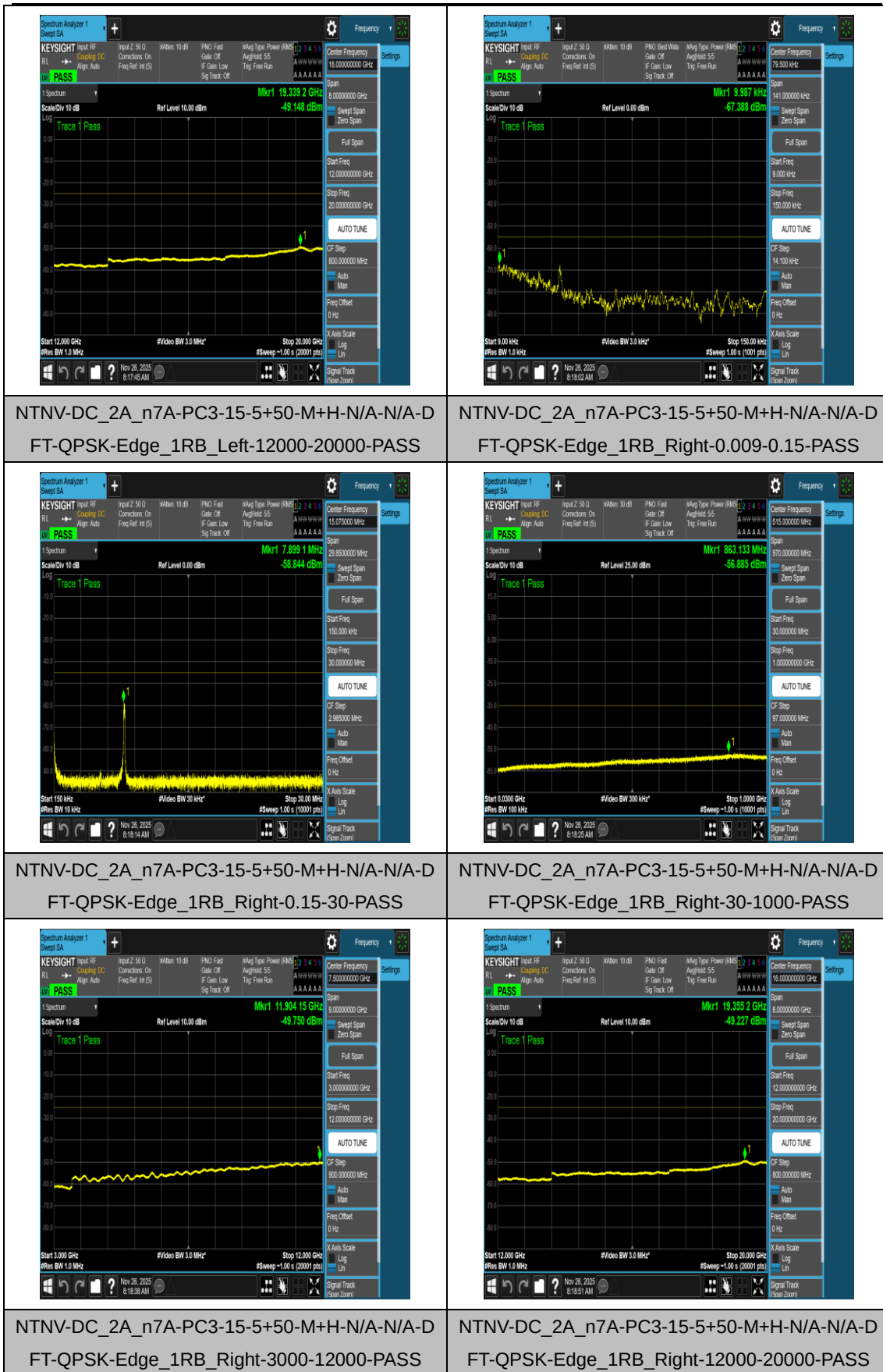




Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.070000	-0.000827	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.340000	-0.001335	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	VH	NT	-4.740000	-0.001894	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.920000	-0.002366	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	VN	NT	-2.380000	-0.000951	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.490000	-0.001794	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	VL	NT	0.140000	0.000055	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.050000	-0.000809	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.130000	-0.000840	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	VL	NT	-1.190000	-0.000469	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	VN	NT	-1.310000	-0.000517	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	VH	NT	1.030000	0.000406	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	VL	NT	-5.310000	-0.002068	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	VN	NT	-7.920000	-0.003085	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	VH	NT	-8.290000	-0.003229	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.270000	-0.001663	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	VN	NT	-5.770000	-0.002247	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	VH	NT	-4.280000	-0.001667	PASS

DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	-3.840000	-0.001533	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.810000	-0.001521	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	-1.420000	-0.000567	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	-2.290000	-0.000914	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.060000	-0.000423	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.250000	-0.002096	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	0.090000	0.000036	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	-3.600000	-0.001420	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-1.250000	-0.000493	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	0.390000	0.000154	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.950000	-0.001558	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.480000	-0.000978	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	-1.430000	-0.000558	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.360000	-0.000140	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	0.120000	0.000047	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.950000	-0.000370	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	3.020000	0.001177	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	0.670000	0.000261	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.120000	-0.000048	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	1.930000	0.000770	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	-0.380000	-0.000152	PASS
DC_2A_n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	0.120000	0.000048	PASS

n7A										
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	-0.660000	-0.000263	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	1.460000	0.000582	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	-4.740000	-0.001870	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	-3.200000	-0.001262	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	-3.390000	-0.001337	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.280000	-0.000899	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	-0.910000	-0.000359	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.710000	-0.001069	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-9.930000	-0.003875	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	-8.170000	-0.003188	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-9.560000	-0.003731	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-8.660000	-0.003380	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-9.530000	-0.003719	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-7.790000	-0.003040	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.970000	-0.000386	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-0.880000	-0.000351	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-4.910000	-0.001956	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-0.330000	-0.000131	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-2.040000	-0.000813	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	0.520000	0.000207	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	2.120000	0.000836	PASS

DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	1.810000	0.000714	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	1.470000	0.000580	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	2.660000	0.001049	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	0.530000	0.000209	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	2.040000	0.000805	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-4.030000	-0.001574	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.770000	-0.001082	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-3.210000	-0.001254	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.910000	-0.001918	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.780000	-0.001477	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.620000	-0.001414	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	VL	NT	0.460000	0.000183	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	VN	NT	-0.130000	-0.000052	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	VH	NT	-1.270000	-0.000505	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.970000	-0.000784	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.910000	-0.000760	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.600000	-0.000637	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	VL	NT	-2.950000	-0.001164	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.420000	-0.000955	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.680000	-0.001057	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	VL	NT	-3.470000	-0.001369	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	VN	NT	-1.850000	-0.000730	PASS

n7A										
DC_2A_ n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	VH	NT	-3.190000	-0.001258	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.460000	-0.000962	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.990000	-0.001560	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	VH	NT	-2.890000	-0.001130	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	VL	NT	-2.360000	-0.000923	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.710000	-0.001060	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	VH	NT	-0.790000	-0.000309	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	-1.150000	-0.000457	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	1.480000	0.000588	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.580000	-0.001026	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.910000	-0.000759	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	-0.270000	-0.000107	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	-0.980000	-0.000390	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.990000	-0.000785	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	0.200000	0.000079	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	-4.180000	-0.001649	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	-3.440000	-0.001357	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	-0.680000	-0.000268	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	0.070000	0.000028	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.320000	-0.000908	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	-1.140000	-0.000446	PASS

DC_2A_n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	-3.770000	-0.001476	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	-1.060000	-0.000415	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.890000	-0.001131	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	-8.660000	-0.003389	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-3.240000	-0.001286	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	-2.540000	-0.001008	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-2.510000	-0.000996	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.210000	-0.000480	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.530000	-0.001798	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.990000	-0.000790	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-2.410000	-0.000951	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	-3.400000	-0.001341	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	-5.860000	-0.002312	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	-3.730000	-0.001471	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-2.530000	-0.000998	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-4.500000	-0.001775	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	-0.150000	-0.000059	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.840000	-0.000329	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-0.540000	-0.000212	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	-1.170000	-0.000459	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-0.180000	-0.000071	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-0.660000	-0.000259	PASS

n7A										
DC_2A_n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	VL	NT	0.370000	0.000147	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	VN	NT	-3.220000	-0.001275	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	VH	NT	-0.780000	-0.000309	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	VL	NT	-6.620000	-0.002622	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	VN	NT	-2.000000	-0.000792	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	VH	NT	-5.540000	-0.002194	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	VL	NT	-7.430000	-0.002931	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	VN	NT	-5.350000	-0.002110	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	VH	NT	-8.280000	-0.003266	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	VL	NT	-9.320000	-0.003677	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	VN	NT	-2.860000	-0.001128	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	VH	NT	-4.770000	-0.001882	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	VL	NT	-5.900000	-0.002318	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.140000	-0.000841	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	VH	NT	-6.970000	-0.002739	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.300000	-0.001690	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	VN	NT	-4.760000	-0.001870	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	VH	NT	-6.610000	-0.002597	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-30	0.060000	0.000024	PASS

DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-20	-5.420000	-0.002166	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-10	-2.840000	-0.001135	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	0	-5.410000	-0.002162	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	10	-3.570000	-0.001427	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	20	-4.980000	-0.001990	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	30	-5.670000	-0.002266	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	40	-4.480000	-0.001790	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	50	-3.000000	-0.001199	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.820000	-0.001526	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.130000	-0.001650	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.950000	-0.001578	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	0	-4.080000	-0.001630	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	10	-5.150000	-0.002058	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	20	-3.690000	-0.001475	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	30	-4.250000	-0.001698	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	40	-4.000000	-0.001598	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	50	-4.670000	-0.001866	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-30	-0.760000	-0.000300	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-20	0.530000	0.000209	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-10	-0.510000	-0.000201	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	0	-1.780000	-0.000702	PASS
DC_2A_n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	10	-0.210000	-0.000083	PASS

n7A										
DC_2A_ n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	20	1.000000	0.000394	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	30	-2.560000	-0.001010	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	40	0.020000	0.000008	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	50	-1.720000	-0.000679	PASS
DC_2A_ n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-30	1.180000	0.000465	PASS
DC_2A_ n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-20	-1.440000	-0.000568	PASS
DC_2A_ n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-10	1.850000	0.000730	PASS
DC_2A_ n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	0	1.840000	0.000726	PASS
DC_2A_ n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	10	0.060000	0.000024	PASS
DC_2A_ n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	20	0.330000	0.000130	PASS
DC_2A_ n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	30	-1.810000	-0.000714	PASS
DC_2A_ n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	40	-1.420000	-0.000560	PASS
DC_2A_ n7A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	50	4.150000	0.001637	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-30	-5.260000	-0.002049	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-20	-8.350000	-0.003252	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-10	-6.030000	-0.002349	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	0	-7.670000	-0.002987	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	10	-6.510000	-0.002536	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	20	-7.770000	-0.003026	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	30	-8.720000	-0.003396	PASS
DC_2A_ n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	40	-7.840000	-0.003054	PASS

DC_2A_n7A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	50	-9.020000	-0.003513	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-30	-8.560000	-0.003334	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-20	-3.260000	-0.001270	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-10	-5.870000	-0.002286	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	0	-4.050000	-0.001577	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	10	-3.650000	-0.001422	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	20	-5.940000	-0.002314	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	30	-5.900000	-0.002298	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	40	-4.860000	-0.001893	PASS
DC_2A_n7A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	50	-5.890000	-0.002294	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-1.880000	-0.000750	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.540000	-0.001413	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.310000	-0.000523	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	-2.080000	-0.000830	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-4.770000	-0.001904	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	-2.400000	-0.000958	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	-3.430000	-0.001369	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	-0.970000	-0.000387	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	-3.320000	-0.001325	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	-2.250000	-0.000898	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	-5.380000	-0.002148	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-1.360000	-0.000543	PASS

n7A										
DC_2A_ n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	-3.300000	-0.001317	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	-1.790000	-0.000715	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-5.390000	-0.002152	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	-3.560000	-0.001421	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-0.600000	-0.000240	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	-1.940000	-0.000774	PASS
DC_2A_ n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.230000	-0.000880	PASS
DC_2A_ n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-1.360000	-0.000536	PASS
DC_2A_ n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	1.290000	0.000509	PASS
DC_2A_ n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-2.370000	-0.000935	PASS
DC_2A_ n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	1.980000	0.000781	PASS
DC_2A_ n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	0.130000	0.000051	PASS
DC_2A_ n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-4.320000	-0.001704	PASS
DC_2A_ n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-1.040000	-0.000410	PASS
DC_2A_ n7A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-1.320000	-0.000521	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-2.450000	-0.000966	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	0.250000	0.000099	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	0.670000	0.000264	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-1.030000	-0.000406	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-2.750000	-0.001085	PASS
DC_2A_ n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	1.380000	0.000544	PASS

DC_2A_n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	-0.090000	-0.000036	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	-1.230000	-0.000485	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-0.080000	-0.000032	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.080000	-0.001201	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	-1.570000	-0.000612	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	-0.310000	-0.000121	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	-0.500000	-0.000195	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-2.080000	-0.000811	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	-4.460000	-0.001739	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	-1.810000	-0.000706	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	2.930000	0.001142	PASS
DC_2A_n7A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	2.490000	0.000971	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	2.520000	0.000982	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	2.630000	0.001025	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	0.890000	0.000347	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-2.500000	-0.000975	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	-0.290000	-0.000113	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	2.030000	0.000791	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	2.090000	0.000815	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	0.690000	0.000269	PASS
DC_2A_n7A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	1.070000	0.000417	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	1.600000	0.000638	PASS

n7A										
DC_2A_ n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	0.670000	0.000267	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	1.170000	0.000467	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-0.280000	-0.000112	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	2.730000	0.001089	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-2.000000	-0.000798	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	1.010000	0.000403	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	-1.360000	-0.000542	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-1.490000	-0.000594	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	0.940000	0.000375	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	3.070000	0.001224	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.350000	-0.001336	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	0.500000	0.000199	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	0.300000	0.000120	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	-1.460000	-0.000582	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	1.820000	0.000726	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-0.150000	-0.000060	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-2.040000	-0.000814	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.330000	-0.001314	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.650000	-0.001045	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.620000	-0.001034	PASS
DC_2A_ n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	0.150000	0.000059	PASS

DC_2A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	-1.780000	-0.000702	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	0.430000	0.000170	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	0.670000	0.000264	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	-3.680000	-0.001452	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	-2.240000	-0.000884	PASS
DC_2A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.320000	-0.002099	PASS
DC_2A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.850000	-0.001519	PASS
DC_2A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.440000	-0.001357	PASS
DC_2A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	-0.280000	-0.000110	PASS
DC_2A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	-1.120000	-0.000442	PASS
DC_2A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	-2.040000	-0.000805	PASS
DC_2A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	0.500000	0.000197	PASS
DC_2A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	-1.630000	-0.000643	PASS
DC_2A_n7A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	-2.840000	-0.001120	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-6.320000	-0.002466	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-8.970000	-0.003500	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-10.330000	-0.004031	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-5.750000	-0.002244	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-5.710000	-0.002228	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-8.360000	-0.003262	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-9.450000	-0.003688	PASS
DC_2A_n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-9.290000	-0.003625	PASS

n7A										
DC_2A_ n7A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-7.020000	-0.002740	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-7.810000	-0.003048	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-8.160000	-0.003184	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-8.880000	-0.003465	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-9.840000	-0.003840	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-9.200000	-0.003590	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-5.210000	-0.002033	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-8.810000	-0.003438	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-6.960000	-0.002716	PASS
DC_2A_ n7A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-10.040000	-0.003918	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-1.130000	-0.000450	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-2.540000	-0.001012	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.230000	-0.000490	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-1.570000	-0.000625	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-1.160000	-0.000462	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-2.250000	-0.000896	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-1.200000	-0.000478	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-2.900000	-0.001155	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-2.810000	-0.001120	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-0.610000	-0.000243	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-1.020000	-0.000406	PASS

DC_2A_n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-0.690000	-0.000275	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-1.030000	-0.000410	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-0.740000	-0.000295	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	1.580000	0.000629	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-3.220000	-0.001283	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-3.210000	-0.001279	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	2.110000	0.000841	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	0.060000	0.000024	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	1.090000	0.000430	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	3.340000	0.001318	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	1.080000	0.000426	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	1.700000	0.000671	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	0.390000	0.000154	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	2.120000	0.000836	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	1.460000	0.000576	PASS
DC_2A_n7A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	0.900000	0.000355	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	1.510000	0.000596	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	0.870000	0.000343	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	2.040000	0.000805	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	2.820000	0.001112	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	0.700000	0.000276	PASS
DC_2A_n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	0.510000	0.000201	PASS

n7A										
DC_2A_ n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	-1.270000	-0.000501	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	-0.170000	-0.000067	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	1.410000	0.000556	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.210000	-0.001645	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-6.470000	-0.002527	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-5.440000	-0.002125	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-5.820000	-0.002273	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-5.090000	-0.001988	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-5.960000	-0.002328	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-6.860000	-0.002680	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-4.220000	-0.001648	PASS
DC_2A_ n7A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-4.770000	-0.001863	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.760000	-0.002250	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-6.470000	-0.002527	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.930000	-0.002707	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-7.950000	-0.003105	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-5.300000	-0.002070	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-6.110000	-0.002387	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-4.770000	-0.001863	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-6.440000	-0.002516	PASS
DC_2A_ n7A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-5.400000	-0.002109	PASS

DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	-30	-0.910000	-0.000362	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	-20	-1.270000	-0.000505	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	-10	-0.610000	-0.000243	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	0	0.400000	0.000159	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	10	-3.700000	-0.001473	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	20	0.160000	0.000064	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	30	-2.900000	-0.001154	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	40	-2.860000	-0.001138	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	50	-2.110000	-0.000840	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	-30	-4.070000	-0.001620	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.620000	-0.001043	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	-10	-0.560000	-0.000223	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	0	-1.450000	-0.000577	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	10	-2.950000	-0.001174	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	20	-0.310000	-0.000123	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	30	-2.940000	-0.001170	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	40	-0.630000	-0.000251	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	50	-1.110000	-0.000442	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	-30	-2.980000	-0.001176	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.600000	-0.001026	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	-10	-0.350000	-0.000138	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	0	-4.340000	-0.001712	PASS

n7A										
DC_2A_ n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	10	-4.050000	-0.001598	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	20	-2.220000	-0.000876	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	30	-4.250000	-0.001677	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	40	-4.660000	-0.001838	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	50	-2.840000	-0.001120	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	-30	-5.410000	-0.002134	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	-20	-2.160000	-0.000852	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.420000	-0.000955	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	0	-4.050000	-0.001598	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	10	-2.620000	-0.001034	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	20	-1.630000	-0.000643	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	30	-4.320000	-0.001704	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	40	-3.570000	-0.001408	PASS
DC_2A_ n7A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	50	-4.000000	-0.001578	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.300000	-0.000508	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	-20	-1.540000	-0.000602	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	-10	-2.910000	-0.001138	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	0	-0.460000	-0.000180	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	10	-1.430000	-0.000559	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	20	-0.370000	-0.000145	PASS
DC_2A_ n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	30	-3.210000	-0.001255	PASS

DC_2A_n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	40	-2.240000	-0.000876	PASS
DC_2A_n7A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	50	-1.300000	-0.000508	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	-30	-1.340000	-0.000524	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	-20	-0.260000	-0.000102	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	-10	2.630000	0.001028	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	0	-0.290000	-0.000113	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	10	-0.650000	-0.000254	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	20	-2.440000	-0.000954	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	30	-4.370000	-0.001709	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	40	-0.290000	-0.000113	PASS
DC_2A_n7A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	50	-1.540000	-0.000602	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	-2.990000	-0.001189	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	1.750000	0.000696	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	-2.320000	-0.000922	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	-3.060000	-0.001217	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	-1.790000	-0.000712	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	-2.790000	-0.001109	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	-0.510000	-0.000203	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	-2.990000	-0.001189	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	-2.820000	-0.001121	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.490000	-0.001388	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	0.860000	0.000342	PASS

n7A										
DC_2A_ n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	-2.500000	-0.000994	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	-4.660000	-0.001853	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	-2.940000	-0.001169	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	-2.420000	-0.000962	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	-0.170000	-0.000068	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	-1.990000	-0.000791	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	-2.390000	-0.000950	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	1.120000	0.000442	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	0.390000	0.000154	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	-1.700000	-0.000671	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	1.110000	0.000438	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	-2.910000	-0.001148	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	0.100000	0.000039	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	-1.220000	-0.000481	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	-0.460000	-0.000181	PASS
DC_2A_ n7A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	0.110000	0.000043	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	-0.200000	-0.000079	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	-0.610000	-0.000241	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.830000	-0.001905	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	1.300000	0.000513	PASS
DC_2A_ n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	-1.200000	-0.000473	PASS

DC_2A_n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	-1.010000	-0.000398	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	0.320000	0.000126	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	-1.550000	-0.000611	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	-0.610000	-0.000241	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.360000	-0.000924	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	-1.230000	-0.000481	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	-1.780000	-0.000697	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	-1.830000	-0.000716	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	-0.870000	-0.000341	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	-2.940000	-0.001151	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	0.850000	0.000333	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	-1.090000	-0.000427	PASS
DC_2A_n7A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	-2.200000	-0.000861	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	-7.190000	-0.002814	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	-6.720000	-0.002630	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	-7.010000	-0.002744	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	-6.090000	-0.002384	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	-3.410000	-0.001335	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	-5.870000	-0.002297	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	-6.370000	-0.002493	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	-5.510000	-0.002157	PASS
DC_2A_n7A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	-5.640000	-0.002207	PASS

n7A										
DC_2A_ n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	-1.630000	-0.000647	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-1.750000	-0.000694	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-0.890000	-0.000353	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-1.910000	-0.000758	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-2.670000	-0.001060	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-2.900000	-0.001151	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-3.630000	-0.001440	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	-2.110000	-0.000837	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-1.740000	-0.000690	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	-0.750000	-0.000298	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	-6.690000	-0.002655	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.110000	-0.001234	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	-1.110000	-0.000440	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-2.180000	-0.000865	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-0.830000	-0.000329	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-1.790000	-0.000710	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-0.310000	-0.000123	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	-2.750000	-0.001091	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.680000	-0.001452	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.900000	-0.001538	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	-4.180000	-0.001649	PASS

DC_2A_n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-7.740000	-0.003053	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-4.640000	-0.001830	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-6.100000	-0.002406	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-3.340000	-0.001318	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-5.480000	-0.002162	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-4.760000	-0.001878	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-6.930000	-0.002734	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-1.230000	-0.000485	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.250000	-0.001677	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	-5.870000	-0.002316	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	-5.980000	-0.002359	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	-3.120000	-0.001231	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-4.370000	-0.001724	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-6.020000	-0.002375	PASS
DC_2A_n7A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	-5.270000	-0.002079	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-2.830000	-0.001110	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.970000	-0.000380	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-0.220000	-0.000086	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-0.910000	-0.000357	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	-1.370000	-0.000537	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-0.880000	-0.000345	PASS
DC_2A_n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-0.740000	-0.000290	PASS

n7A										
DC_2A_ n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	-2.790000	-0.001094	PASS
DC_2A_ n7A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	0.060000	0.000024	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-0.650000	-0.000255	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	-3.260000	-0.001278	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	-2.540000	-0.000996	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-5.010000	-0.001965	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	-1.150000	-0.000451	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	0.240000	0.000094	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-3.870000	-0.001518	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	-1.280000	-0.000502	PASS
DC_2A_ n7A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-1.290000	-0.000506	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	NV	-30	-1.030000	-0.000408	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	NV	-20	-4.760000	-0.001885	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	NV	-10	1.870000	0.000741	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	NV	0	0.960000	0.000380	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	NV	10	-4.530000	-0.001794	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	NV	20	-2.110000	-0.000836	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	NV	30	-2.500000	-0.000990	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	NV	40	-0.520000	-0.000206	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+L	Outer_Full	NV	50	2.190000	0.000867	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	NV	-30	-6.130000	-0.002428	PASS

DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.310000	-0.001707	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.960000	-0.001568	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	NV	0	-4.320000	-0.001711	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	NV	10	-4.750000	-0.001881	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	NV	20	-1.600000	-0.000634	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	NV	30	-4.390000	-0.001739	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	NV	40	-1.810000	-0.000717	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+L	Outer_Full	NV	50	-3.410000	-0.001350	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	NV	-30	-7.550000	-0.002978	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.660000	-0.001444	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	NV	-10	-5.790000	-0.002284	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	NV	0	-10.000000	-0.003945	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	NV	10	-5.730000	-0.002260	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	NV	20	-6.320000	-0.002493	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	NV	30	-5.870000	-0.002316	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	NV	40	-7.570000	-0.002986	PASS
DC_2A_n7A	15	5+50	DFT-QPSK	M+M	Outer_Full	NV	50	-9.420000	-0.003716	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.300000	-0.001696	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	NV	-20	-10.510000	-0.004146	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	NV	-10	-8.420000	-0.003321	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	NV	0	-6.590000	-0.002600	PASS
DC_2A_n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	NV	10	-8.080000	-0.003187	PASS

n7A										
DC_2A_ n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	NV	20	-8.090000	-0.003191	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	NV	30	-9.860000	-0.003890	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	NV	40	-5.840000	-0.002304	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+M	Outer_Full	NV	50	-4.870000	-0.001921	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	NV	-30	-6.500000	-0.002554	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.960000	-0.001556	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	NV	-10	-5.630000	-0.002212	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	NV	0	-5.160000	-0.002028	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	NV	10	-3.880000	-0.001525	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	NV	20	-5.360000	-0.002106	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	NV	30	-2.740000	-0.001077	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	NV	40	-4.360000	-0.001713	PASS
DC_2A_ n7A	15	5+50	DFT-QPSK	M+H	Outer_Full	NV	50	-6.870000	-0.002699	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.550000	-0.001395	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	NV	-20	-3.830000	-0.001505	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	NV	-10	-6.020000	-0.002365	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	NV	0	-8.370000	-0.003289	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	NV	10	-5.250000	-0.002063	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	NV	20	-4.400000	-0.001729	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	NV	30	-2.840000	-0.001116	PASS
DC_2A_ n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	NV	40	-3.620000	-0.001422	PASS

DC_2A_ n7A	15	5+50	DFT-16QAM	M+H	Outer_Full	NV	50	-3.160000	-0.001242	PASS
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