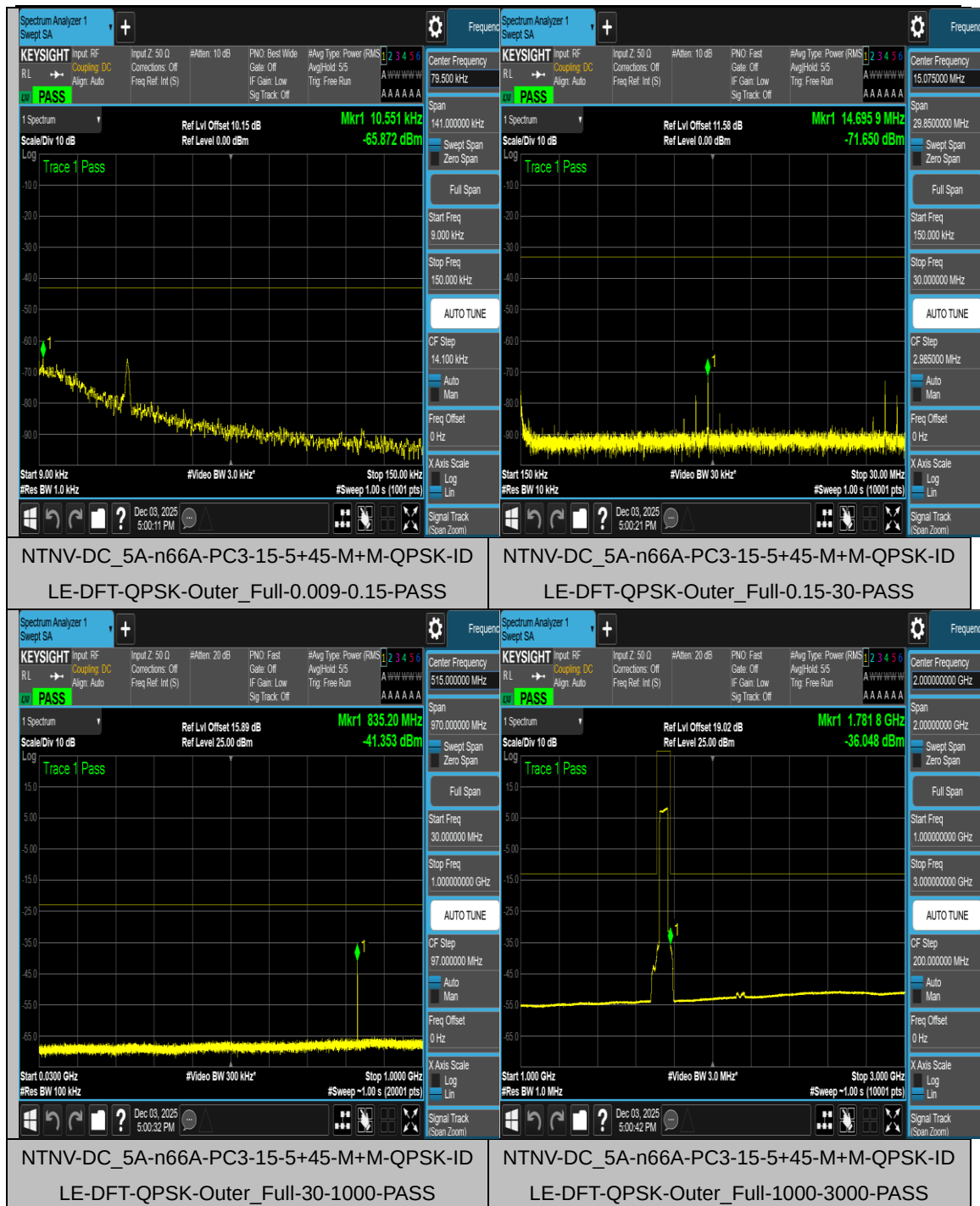
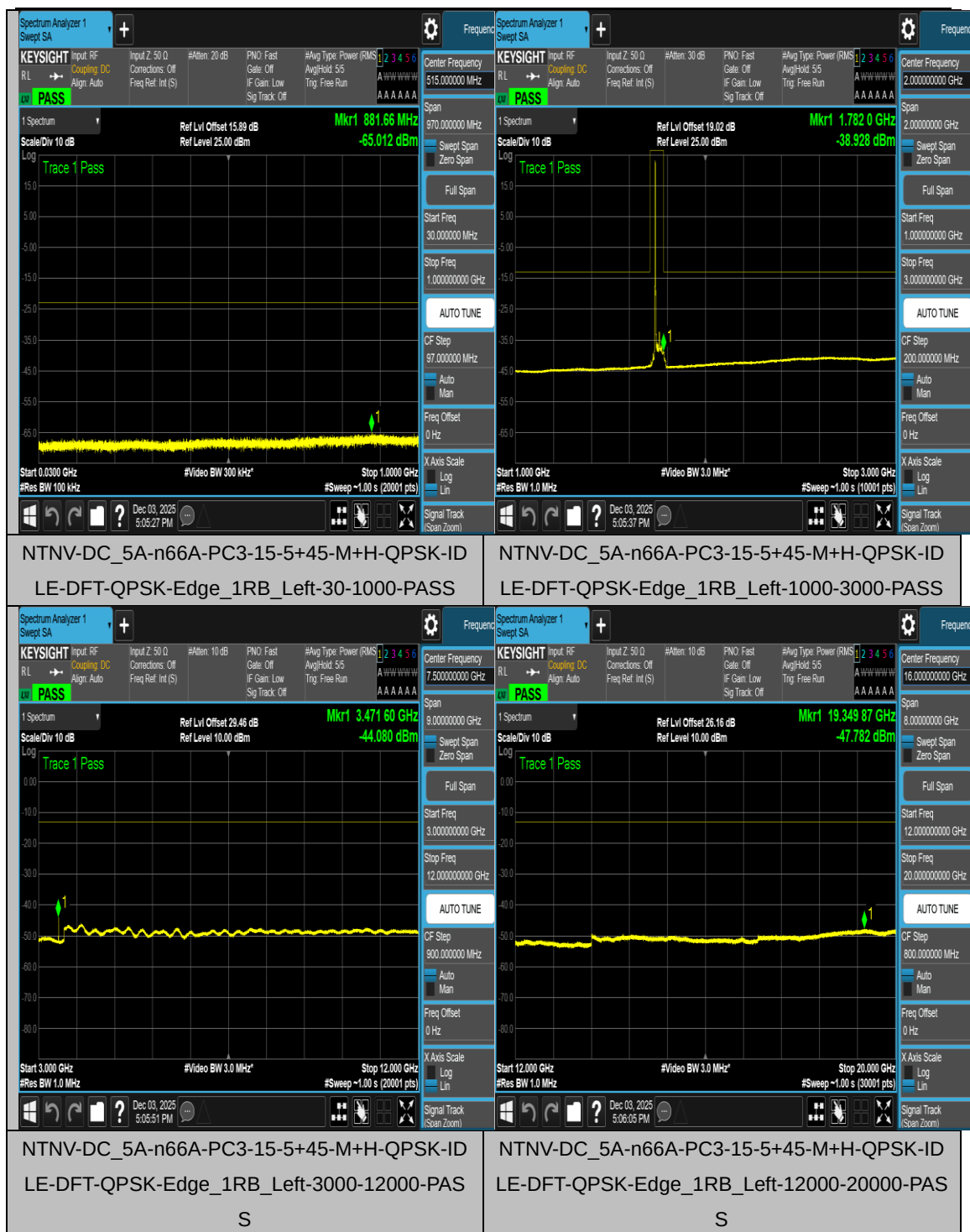
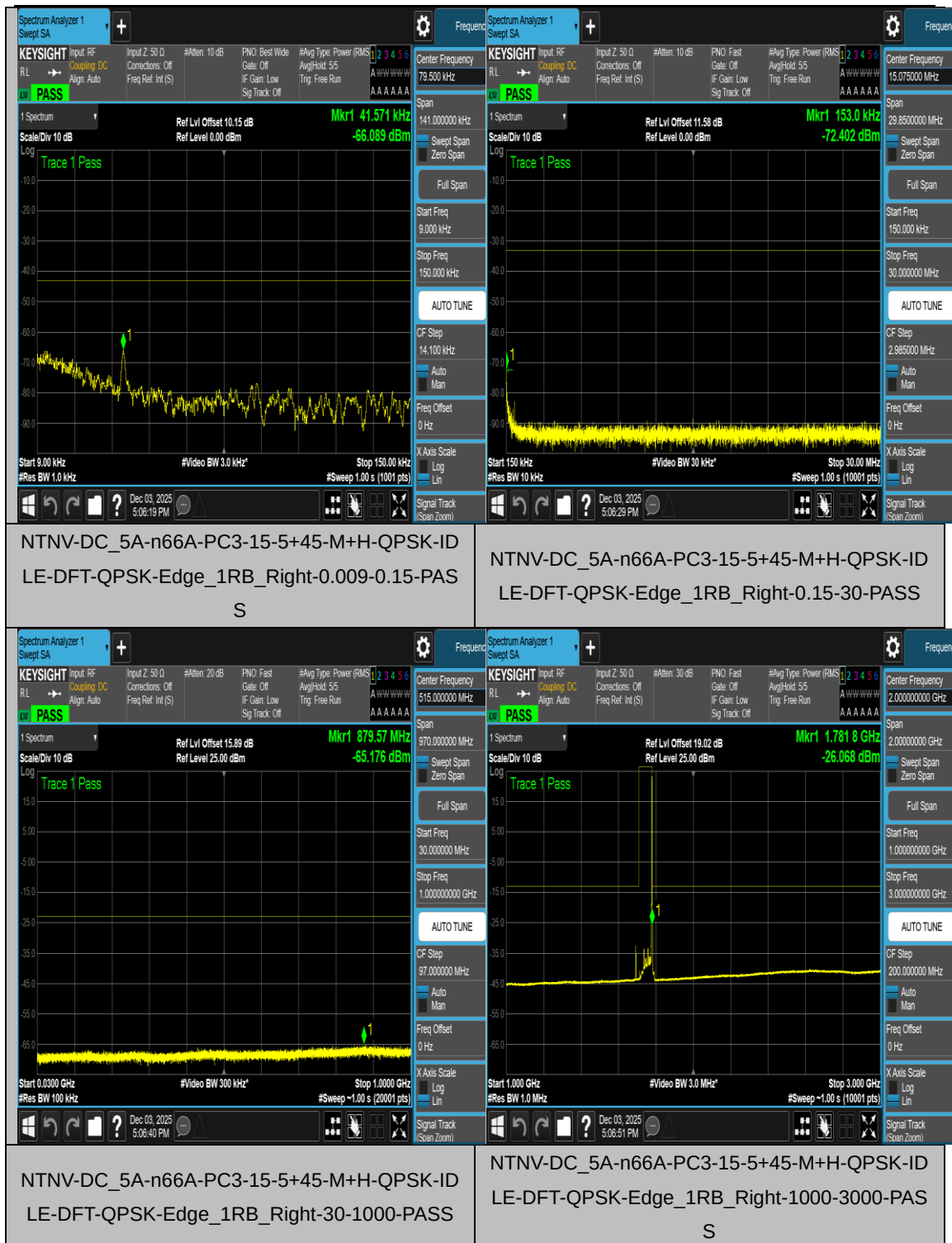
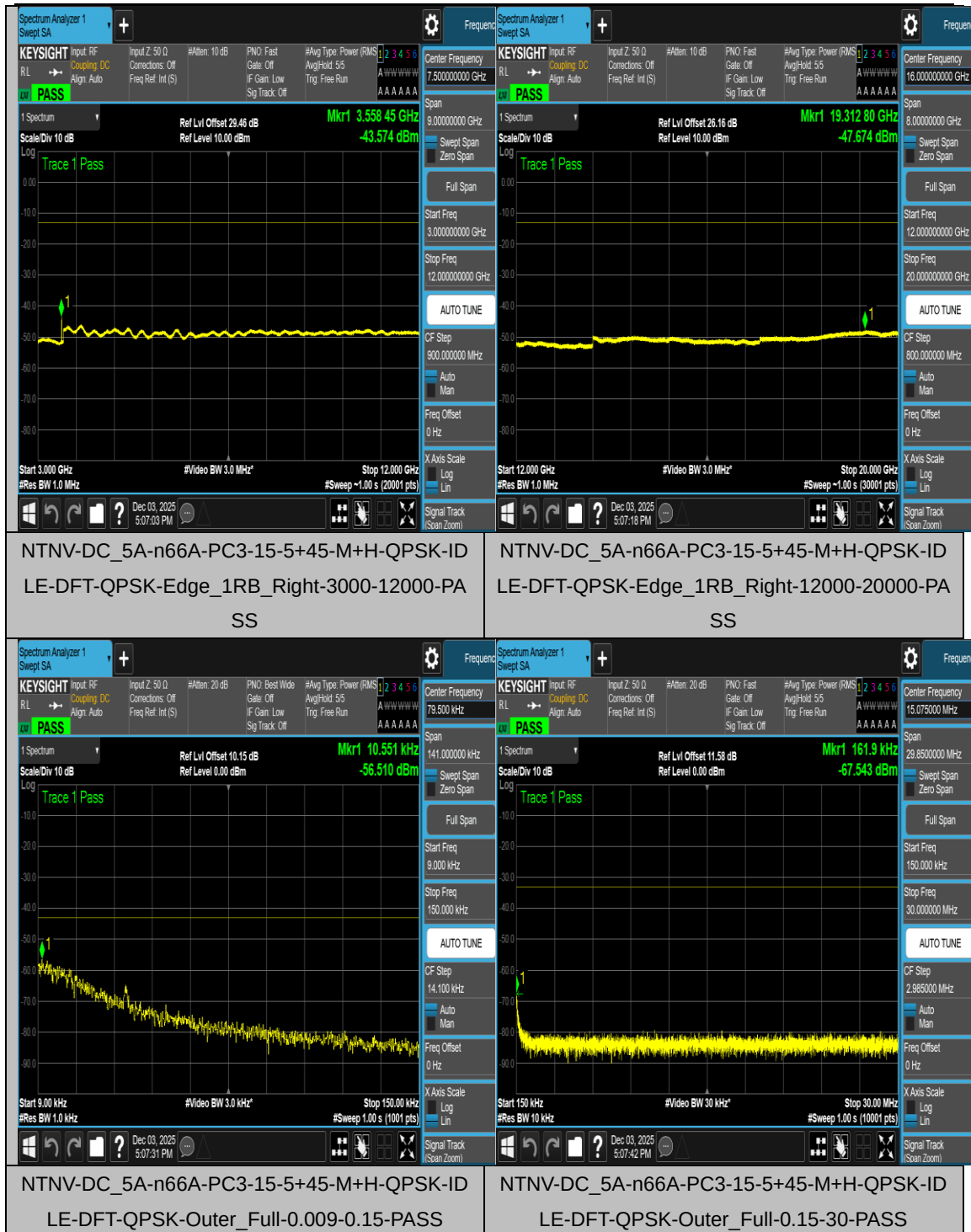














Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	VL	NT	-2.770000	-0.001618	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	VN	NT	-5.520000	-0.003223	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	VH	NT	-1.020000	-0.000596	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	VL	NT	-3.260000	-0.001904	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	VN	NT	-1.990000	-0.001162	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	VH	NT	-4.370000	-0.002552	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	VL	NT	-0.150000	-0.000086	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	VN	NT	1.890000	0.001083	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.730000	-0.001564	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	VL	NT	-2.180000	-0.001249	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	VN	NT	-0.800000	-0.000458	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	VH	NT	-1.310000	-0.000751	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	VL	NT	0.450000	0.000253	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	VN	NT	1.850000	0.001041	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	VH	NT	0.750000	0.000422	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	VL	NT	0.820000	0.000461	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	VN	NT	0.150000	0.000084	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	VH	NT	1.760000	0.000990	PASS

DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	3.180000	0.001854	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	5.090000	0.002968	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	2.320000	0.001353	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	2.590000	0.001510	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	0.580000	0.000338	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	1.710000	0.000997	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	-2.920000	-0.001673	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	-2.280000	-0.001307	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	-2.870000	-0.001645	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	-1.670000	-0.000957	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.060000	-0.001754	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.900000	-0.001662	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	1.040000	0.000586	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.770000	-0.000434	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	-0.340000	-0.000192	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	1.360000	0.000766	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	0.890000	0.000501	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	-2.190000	-0.001234	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	-0.640000	-0.000373	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	2.060000	0.001199	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	-0.270000	-0.000157	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	0.900000	0.000524	PASS

n66A										
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	0.250000	0.000146	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	1.390000	0.000809	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	0.000000	0.000000	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	2.560000	0.001467	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	2.220000	0.001272	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	0.580000	0.000332	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	0.760000	0.000436	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	0.470000	0.000269	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	-1.860000	-0.001049	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.050000	-0.001157	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	-3.570000	-0.002014	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.360000	-0.002460	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	-3.380000	-0.001907	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	-3.030000	-0.001709	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	-4.400000	-0.002558	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	-2.820000	-0.001640	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	-1.440000	-0.000837	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	-4.420000	-0.002570	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.030000	-0.002343	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	-2.870000	-0.001669	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	-0.320000	-0.000183	PASS

DC_5A_n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	0.750000	0.000430	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	-0.820000	-0.000470	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	1.200000	0.000688	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	-1.290000	-0.000739	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	-0.880000	-0.000504	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	-6.310000	-0.003565	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	-3.800000	-0.002147	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.530000	-0.000864	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	-2.700000	-0.001525	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	-4.660000	-0.002633	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	-4.190000	-0.002367	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	VL	NT	-3.320000	-0.001927	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	VN	NT	-0.380000	-0.000221	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	VH	NT	-3.840000	-0.002229	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	VL	NT	-1.800000	-0.001045	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	VN	NT	-4.150000	-0.002409	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	VH	NT	-0.450000	-0.000261	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	VL	NT	-0.120000	-0.000069	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	VN	NT	-0.720000	-0.000413	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	VH	NT	1.880000	0.001077	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	VL	NT	-0.100000	-0.000057	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	VN	NT	1.150000	0.000659	PASS

n66A										
DC_5A_ n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	VH	NT	2.240000	0.001284	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	VL	NT	-2.910000	-0.001646	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	VN	NT	-2.750000	-0.001556	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.750000	-0.000990	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	VL	NT	-0.910000	-0.000515	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.800000	-0.001584	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	VH	NT	-2.640000	-0.001494	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	VL	NT	0.130000	0.000075	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	VN	NT	1.360000	0.000788	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	VH	NT	1.690000	0.000980	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	VL	NT	-0.240000	-0.000139	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	VN	NT	0.050000	0.000029	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	VH	NT	0.320000	0.000186	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.600000	-0.000917	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	VN	NT	-4.490000	-0.002573	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	VH	NT	-0.860000	-0.000493	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	VL	NT	0.800000	0.000458	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	VN	NT	0.210000	0.000120	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.280000	-0.001307	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	VL	NT	-3.200000	-0.001813	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	VN	NT	-5.800000	-0.003286	PASS

DC_5A_n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	VH	NT	-5.470000	-0.003099	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	VL	NT	-4.620000	-0.002618	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	VN	NT	-6.060000	-0.003433	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	VH	NT	-5.060000	-0.002867	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	VL	NT	-1.920000	-0.001110	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	VN	NT	-2.700000	-0.001561	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	VH	NT	-4.470000	-0.002584	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	VL	NT	-5.120000	-0.002960	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	VN	NT	-3.990000	-0.002306	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	VH	NT	-1.660000	-0.000960	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	VL	NT	-1.740000	-0.000997	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	VN	NT	0.170000	0.000097	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	VH	NT	0.830000	0.000476	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	VL	NT	-0.850000	-0.000487	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	VN	NT	-3.210000	-0.001840	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	VH	NT	-2.270000	-0.001301	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	VL	NT	0.340000	0.000193	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	VN	NT	-0.300000	-0.000170	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	VH	NT	-1.470000	-0.000835	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	VL	NT	0.880000	0.000500	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	VN	NT	-2.380000	-0.001352	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	VH	NT	-1.860000	-0.001057	PASS

n66A										
DC_5A-n 66A	15	5+35	DFT-QPSK	M+L	Outer_Full	VL	NT	-720000.00	-416.79	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+L	Outer_Full	VN	NT	-720000.00	-416.79	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+L	Outer_Full	VH	NT	-725000.00	-419.68	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+L	Outer_Full	VL	NT	-750000.00	-434.15	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+L	Outer_Full	VN	NT	-750000.00	-434.15	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+L	Outer_Full	VH	NT	-750000.00	-434.15	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	VL	NT	-700000.00	-401.15	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	VN	NT	-670000.00	-383.95	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	VH	NT	-690000.00	-395.42	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	VL	NT	-685000.00	-392.55	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	VN	NT	-685000.00	-392.55	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	VH	NT	-695000.00	-398.28	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	VL	NT	-710000.00	-402.84	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	VN	NT	-735000.00	-417.02	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	VH	NT	-745000.00	-422.70	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	VL	NT	-715000.00	-405.67	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	VN	NT	-725000.00	-411.35	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	VH	NT	-735000.00	-417.02	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	VL	NT	-190000.00	-109.67	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	VN	NT	-180000.00	-103.90	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	VH	NT	-195000.00	-112.55	PASS

DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	VL	NT	-150000.00	-86.58	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	VN	NT	-150000.00	-86.58	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	VH	NT	-160000.00	-92.35	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	VL	NT	-155000.00	-88.83	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	VN	NT	-185000.00	-106.02	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	VH	NT	-145000.00	-83.09	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	VL	NT	-155000.00	-88.83	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	VN	NT	-155000.00	-88.83	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	VH	NT	-125000.00	-71.63	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	VL	NT	-150000.00	-85.35	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	VN	NT	-145000.00	-82.50	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	VH	NT	-165000.00	-93.88	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	VL	NT	-185000.00	-105.26	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	VN	NT	-175000.00	-99.57	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	VH	NT	-175000.00	-99.57	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-30	-6.560000	-0.003831	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.660000	-0.002137	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-10	-2.980000	-0.001740	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	0	-3.470000	-0.002026	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	10	-4.460000	-0.002604	PASS

n66A										
DC_5A_ n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	20	-3.550000	-0.002073	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	30	-4.940000	-0.002885	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	40	-2.630000	-0.001536	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	50	-2.090000	-0.001220	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-30	-2.050000	-0.001197	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-20	-4.120000	-0.002406	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.160000	-0.001845	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	0	-0.020000	-0.000012	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	10	-1.520000	-0.000888	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	20	-2.530000	-0.001477	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	30	-0.560000	-0.000327	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	40	-0.330000	-0.000193	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	50	-2.590000	-0.001512	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-30	1.390000	0.000797	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-20	-1.570000	-0.000900	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-10	-1.400000	-0.000802	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	0	-1.770000	-0.001014	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	10	0.400000	0.000229	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	20	-1.700000	-0.000974	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	30	-1.420000	-0.000814	PASS
DC_5A_ n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	40	-1.830000	-0.001049	PASS

DC_5A_n66A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	50	0.460000	0.000264	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.590000	-0.000911	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-20	0.500000	0.000287	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-10	-2.190000	-0.001255	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	0	-2.360000	-0.001352	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	10	-0.450000	-0.000258	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	20	-0.460000	-0.000264	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	30	-1.870000	-0.001072	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	40	0.220000	0.000126	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	50	-0.520000	-0.000298	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-30	1.020000	0.000574	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-20	2.500000	0.001406	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-10	2.470000	0.001390	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	0	-0.880000	-0.000495	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	10	2.650000	0.001491	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	20	1.340000	0.000754	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	30	-0.200000	-0.000113	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	40	1.530000	0.000861	PASS
DC_5A_n66A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	50	-0.790000	-0.000444	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-30	0.140000	0.000079	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-20	1.740000	0.000979	PASS
DC_5A_n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-10	3.210000	0.001806	PASS

n66A										
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	0	3.880000	0.002183	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	10	-1.810000	-0.001018	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	20	0.670000	0.000377	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	30	0.490000	0.000276	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	40	-2.200000	-0.001238	PASS
DC_5A_ n66A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	50	2.390000	0.001345	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	-0.400000	-0.000233	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	0.470000	0.000274	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	1.160000	0.000676	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	1.710000	0.000997	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	-0.740000	-0.000431	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	0.240000	0.000140	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	3.030000	0.001767	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	1.800000	0.001050	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	2.880000	0.001679	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	0.200000	0.000117	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	1.790000	0.001044	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	-0.200000	-0.000117	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	0.990000	0.000577	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	1.050000	0.000612	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	-0.390000	-0.000227	PASS

DC_5A_n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	1.410000	0.000822	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	-0.780000	-0.000455	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	1.300000	0.000758	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	-1.770000	-0.001014	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.710000	-0.001553	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	-3.930000	-0.002252	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	-3.740000	-0.002143	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	-3.080000	-0.001765	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	-1.720000	-0.000986	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	-3.450000	-0.001977	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	-0.460000	-0.000264	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	-4.180000	-0.002395	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.680000	-0.000963	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	-3.340000	-0.001914	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	-4.700000	-0.002693	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	-1.280000	-0.000734	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	-3.090000	-0.001771	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	-0.980000	-0.000562	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	-1.480000	-0.000848	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	-1.870000	-0.001072	PASS
DC_5A_n66A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	-2.790000	-0.001599	PASS
DC_5A_n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	0.840000	0.000473	PASS

n66A										
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.990000	-0.000558	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	1.980000	0.001115	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	1.260000	0.000710	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	-0.090000	-0.000051	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	-0.620000	-0.000349	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	-0.790000	-0.000445	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	2.250000	0.001268	PASS
DC_5A_ n66A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	-1.040000	-0.000586	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	0.540000	0.000304	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	0.730000	0.000411	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	0.070000	0.000039	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	-0.790000	-0.000445	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	0.750000	0.000423	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	-0.400000	-0.000225	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	0.410000	0.000231	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	1.460000	0.000823	PASS
DC_5A_ n66A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	1.510000	0.000851	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	0.160000	0.000093	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	0.310000	0.000180	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	-0.430000	-0.000250	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	-0.250000	-0.000146	PASS

DC_5A_n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	-2.360000	-0.001374	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	-2.470000	-0.001438	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	-1.090000	-0.000635	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	0.030000	0.000017	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	-0.710000	-0.000413	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.290000	-0.000751	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	-0.770000	-0.000448	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	-1.070000	-0.000623	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	-0.600000	-0.000349	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	1.210000	0.000705	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	0.890000	0.000518	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	-0.660000	-0.000384	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	-0.680000	-0.000396	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	-0.040000	-0.000023	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	1.500000	0.000860	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	2.790000	0.001599	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	2.110000	0.001209	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	3.250000	0.001862	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	2.480000	0.001421	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	2.180000	0.001249	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	-0.720000	-0.000413	PASS
DC_5A_n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	-0.280000	-0.000160	PASS

n66A										
DC_5A_ n66A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	0.730000	0.000418	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	2.340000	0.001341	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	1.180000	0.000676	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	1.240000	0.000711	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	1.970000	0.001129	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	1.290000	0.000739	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	0.860000	0.000493	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	0.210000	0.000120	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	0.490000	0.000281	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	1.120000	0.000642	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	-4.700000	-0.002652	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.590000	-0.002025	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	-2.500000	-0.001410	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	-3.290000	-0.001856	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	-2.940000	-0.001659	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	-4.360000	-0.002460	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	-3.940000	-0.002223	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	-2.950000	-0.001664	PASS
DC_5A_ n66A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	-2.560000	-0.001444	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	-5.210000	-0.002939	PASS
DC_5A_ n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	-1.780000	-0.001004	PASS

DC_5A_n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	-3.510000	-0.001980	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	-1.260000	-0.000711	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	-3.510000	-0.001980	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	-2.030000	-0.001145	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	-2.010000	-0.001134	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	-3.800000	-0.002144	PASS
DC_5A_n66A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	-5.700000	-0.003216	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	-3.710000	-0.002157	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.390000	-0.001971	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	-4.530000	-0.002634	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	-3.970000	-0.002308	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	-4.940000	-0.002872	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	-4.010000	-0.002331	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	-3.000000	-0.001744	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	-4.210000	-0.002448	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	-4.170000	-0.002424	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.340000	-0.001942	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	-6.350000	-0.003692	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	-3.720000	-0.002163	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	-3.890000	-0.002262	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	-4.180000	-0.002430	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	-3.100000	-0.001802	PASS

n66A										
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	-4.730000	-0.002750	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	-4.600000	-0.002674	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	-3.960000	-0.002302	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	-3.830000	-0.002195	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	1.280000	0.000734	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	-1.040000	-0.000596	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	-1.820000	-0.001043	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	-0.680000	-0.000390	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	-1.820000	-0.001043	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	-1.010000	-0.000579	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	-0.270000	-0.000155	PASS
DC_5A_ n66A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	-0.290000	-0.000166	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	0.510000	0.000292	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	-1.780000	-0.001020	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.320000	-0.001903	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	-1.370000	-0.000785	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	-2.170000	-0.001244	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	-0.190000	-0.000109	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	0.410000	0.000235	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	0.830000	0.000476	PASS
DC_5A_ n66A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	0.580000	0.000332	PASS

DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	-3.380000	-0.001910	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	-3.410000	-0.001927	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	-4.930000	-0.002785	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	-5.150000	-0.002910	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	-2.950000	-0.001667	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	-4.830000	-0.002729	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	-3.400000	-0.001921	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	-4.220000	-0.002384	PASS
DC_5A_n66A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	-4.510000	-0.002548	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.150000	-0.001215	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	-5.080000	-0.002870	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	-3.080000	-0.001740	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	-3.350000	-0.001893	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	-4.790000	-0.002706	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	-3.440000	-0.001944	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	-2.260000	-0.001277	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	-3.910000	-0.002209	PASS
DC_5A_n66A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	-5.260000	-0.002972	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	-30	-1.900000	-0.001103	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	-20	-3.200000	-0.001858	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	-10	-1.940000	-0.001126	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	0	-2.610000	-0.001515	PASS

n66A										
DC_5A_ n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	10	-0.840000	-0.000488	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	20	-2.180000	-0.001266	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	30	-2.580000	-0.001498	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	40	-3.630000	-0.002107	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+L	Outer_Full	NV	50	-0.160000	-0.000093	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.240000	-0.001881	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	-20	-1.680000	-0.000975	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	-10	-0.230000	-0.000134	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	0	-1.330000	-0.000772	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	10	-0.390000	-0.000226	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	20	-2.330000	-0.001353	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	30	-0.020000	-0.000012	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	40	-2.030000	-0.001179	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+L	Outer_Full	NV	50	-1.640000	-0.000952	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	-30	3.440000	0.001971	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	-20	-0.170000	-0.000097	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	-10	-1.630000	-0.000934	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	0	0.460000	0.000264	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	10	-1.000000	-0.000573	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	20	1.580000	0.000905	PASS
DC_5A_ n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	30	-0.050000	-0.000029	PASS

DC_5A_n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	40	-2.730000	-0.001564	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+M	Outer_Full	NV	50	2.510000	0.001438	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	-30	0.350000	0.000201	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	-20	0.450000	0.000258	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	-10	3.890000	0.002229	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	0	1.780000	0.001020	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	10	0.530000	0.000304	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	20	5.080000	0.002911	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	30	2.380000	0.001364	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	40	0.220000	0.000126	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+M	Outer_Full	NV	50	2.360000	0.001352	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	-30	-1.170000	-0.000662	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	-20	0.010000	0.000006	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	-10	-3.570000	-0.002020	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	0	-1.480000	-0.000837	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	10	-0.700000	-0.000396	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	20	-3.890000	-0.002201	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	30	-1.800000	-0.001018	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	40	-3.190000	-0.001805	PASS
DC_5A_n66A	15	5+25	DFT-QPSK	M+H	Outer_Full	NV	50	-3.200000	-0.001810	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	-30	-1.460000	-0.000826	PASS
DC_5A_n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	-20	-2.680000	-0.001516	PASS

n66A										
DC_5A_ n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	-10	-2.070000	-0.001171	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	0	-0.590000	-0.000334	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	10	-2.290000	-0.001296	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	20	-2.850000	-0.001612	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	30	-3.340000	-0.001890	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	40	-1.350000	-0.000764	PASS
DC_5A_ n66A	15	5+25	DFT-16QAM	M+H	Outer_Full	NV	50	-1.820000	-0.001030	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	-30	-1.500000	-0.000870	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	-20	-0.410000	-0.000238	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	-10	0.020000	0.000012	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	0	-0.550000	-0.000319	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	10	-0.150000	-0.000087	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	20	1.640000	0.000951	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	30	0.390000	0.000226	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	40	0.450000	0.000261	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+L	Outer_Full	NV	50	-2.150000	-0.001246	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	-30	-1.380000	-0.000800	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	-20	1.980000	0.001148	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	-10	0.910000	0.000528	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	0	-1.410000	-0.000817	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	10	0.100000	0.000058	PASS

DC_5A_n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	20	-0.120000	-0.000070	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	30	-1.170000	-0.000678	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	40	-0.420000	-0.000243	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+L	Outer_Full	NV	50	-0.900000	-0.000522	PASS
DC_5A_n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	-30	-1.380000	-0.000791	PASS
DC_5A_n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	-20	-2.030000	-0.001163	PASS
DC_5A_n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	-10	-2.530000	-0.001450	PASS
DC_5A_n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	0	-0.150000	-0.000086	PASS
DC_5A_n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	10	-1.510000	-0.000865	PASS
DC_5A_n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	20	-0.760000	-0.000436	PASS
DC_5A_n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	30	-0.960000	-0.000550	PASS
DC_5A_n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	40	-2.330000	-0.001335	PASS
DC_5A_n66A	15	5+30	DFT-QPSK	M+M	Outer_Full	NV	50	-0.300000	-0.000172	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	-30	-1.830000	-0.001049	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	-20	0.250000	0.000143	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	-10	-1.310000	-0.000751	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	0	-1.820000	-0.001043	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	10	2.060000	0.001181	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	20	-1.830000	-0.001049	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	30	-0.720000	-0.000413	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	40	-1.070000	-0.000613	PASS
DC_5A_n66A	15	5+30	DFT-16QAM	M+M	Outer_Full	NV	50	-0.400000	-0.000229	PASS

n66A										
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	-30	-7.510000	-0.004255	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	-20	-2.750000	-0.001558	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	-10	-7.250000	-0.004108	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	0	-5.290000	-0.002997	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	10	-6.430000	-0.003643	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	20	-6.010000	-0.003405	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	30	-4.610000	-0.002612	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	40	-7.240000	-0.004102	PASS
DC_5A_ n66A	15	5+30	DFT-QPSK	M+H	Outer_Full	NV	50	-2.920000	-0.001654	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	-30	-3.270000	-0.001853	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	-20	-6.740000	-0.003819	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	-10	-2.310000	-0.001309	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	0	-5.630000	-0.003190	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	10	-2.960000	-0.001677	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	20	-6.120000	-0.003467	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	30	-4.490000	-0.002544	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	40	-3.910000	-0.002215	PASS
DC_5A_ n66A	15	5+30	DFT-16QAM	M+H	Outer_Full	NV	50	-4.700000	-0.002663	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	-30	-4.810000	-0.002780	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	-20	-1.890000	-0.001092	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	-10	-3.120000	-0.001803	PASS

DC_5A_n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	0	-2.380000	-0.001376	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	10	-2.720000	-0.001572	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	20	-2.540000	-0.001468	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	30	-3.270000	-0.001890	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	40	-3.110000	-0.001798	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+L	Outer_Full	NV	50	-2.020000	-0.001168	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	-30	-3.960000	-0.002289	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	-20	-2.800000	-0.001618	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	-10	-2.220000	-0.001283	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	0	-3.540000	-0.002046	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	10	-2.600000	-0.001503	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	20	-3.460000	-0.002000	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	30	-3.710000	-0.002145	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	40	-1.510000	-0.000873	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+L	Outer_Full	NV	50	-4.710000	-0.002723	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	-30	-1.270000	-0.000728	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	-20	-3.000000	-0.001719	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	-10	-1.220000	-0.000699	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	0	-2.370000	-0.001358	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	10	-2.870000	-0.001645	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	20	-1.140000	-0.000653	PASS
DC_5A_n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	30	-1.590000	-0.000911	PASS

n66A										
DC_5A_ n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	40	-0.910000	-0.000521	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+M	Outer_Full	NV	50	-0.870000	-0.000499	PASS
DC_5A_ n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	-30	-4.200000	-0.002407	PASS
DC_5A_ n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	-20	-2.580000	-0.001479	PASS
DC_5A_ n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	-10	-3.370000	-0.001931	PASS
DC_5A_ n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	0	0.990000	0.000567	PASS
DC_5A_ n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	10	-0.940000	-0.000539	PASS
DC_5A_ n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	20	-2.400000	-0.001375	PASS
DC_5A_ n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	30	-0.110000	-0.000063	PASS
DC_5A_ n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	40	-1.230000	-0.000705	PASS
DC_5A_ n66A	15	5+40	DFT-16QAM	M+M	Outer_Full	NV	50	2.160000	0.001238	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	-30	-0.970000	-0.000551	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	-20	-0.450000	-0.000256	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	-10	-1.960000	-0.001114	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	0	-0.530000	-0.000301	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	10	0.360000	0.000205	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	20	-0.160000	-0.000091	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	30	-0.180000	-0.000102	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	40	-2.690000	-0.001528	PASS
DC_5A_ n66A	15	5+40	DFT-QPSK	M+H	Outer_Full	NV	50	-2.140000	-0.001216	PASS
DC_5A_ n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	-30	-2.700000	-0.001534	PASS

DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	-20	0.470000	0.000267	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	-10	-2.380000	-0.001352	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	0	-0.780000	-0.000443	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	10	-1.460000	-0.000830	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	20	0.650000	0.000369	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	30	-0.820000	-0.000466	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	40	-0.220000	-0.000125	PASS
DC_5A_n66A	15	5+40	DFT-16QAM	M+H	Outer_Full	NV	50	-0.200000	-0.000114	PASS
DC_5A-n66A	15	5+35	DFT-QPSK	M+L	Outer_Full	NV	-30	-695000.00	-402.32	PASS
DC_5A-n66A	15	5+35	DFT-QPSK	M+L	Outer_Full	NV	-20	-695000.00	-402.32	PASS
DC_5A-n66A	15	5+35	DFT-QPSK	M+L	Outer_Full	NV	-10	-700000.00	-405.21	PASS
DC_5A-n66A	15	5+35	DFT-QPSK	M+L	Outer_Full	NV	0	-700000.00	-405.21	PASS
DC_5A-n66A	15	5+35	DFT-QPSK	M+L	Outer_Full	NV	10	-725000.00	-419.68	PASS
DC_5A-n66A	15	5+35	DFT-QPSK	M+L	Outer_Full	NV	20	-715000.00	-413.89	PASS
DC_5A-n66A	15	5+35	DFT-QPSK	M+L	Outer_Full	NV	30	-715000.00	-413.89	PASS
DC_5A-n66A	15	5+35	DFT-QPSK	M+L	Outer_Full	NV	40	-720000.00	-416.79	PASS
DC_5A-n66A	15	5+35	DFT-QPSK	M+L	Outer_Full	NV	50	-725000.00	-419.68	PASS
DC_5A-n66A	15	5+35	DFT-16QAM	M+L	Outer_Full	NV	-30	-785000.00	-454.41	PASS
DC_5A-n66A	15	5+35	DFT-16QAM	M+L	Outer_Full	NV	-20	-745000.00	-431.26	PASS
DC_5A-n66A	15	5+35	DFT-16QAM	M+L	Outer_Full	NV	-10	-735000.00	-425.47	PASS
DC_5A-n66A	15	5+35	DFT-16QAM	M+L	Outer_Full	NV	0	-720000.00	-416.79	PASS
DC_5A-n66A	15	5+35	DFT-16QAM	M+L	Outer_Full	NV	10	-725000.00	-419.68	PASS

66A										
DC_5A-n 66A	15	5+35	DFT-16QAM	M+L	Outer_Full	NV	20	-755000.00	-437.05	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+L	Outer_Full	NV	30	-730000.00	-422.58	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+L	Outer_Full	NV	40	-725000.00	-419.68	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+L	Outer_Full	NV	50	-760000.00	-439.94	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	NV	-30	-690000.00	-395.42	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	NV	-20	-720000.00	-412.61	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	NV	-10	-710000.00	-406.88	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	NV	0	-695000.00	-398.28	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	NV	10	-710000.00	-406.88	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	NV	20	-715000.00	-409.74	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	NV	30	-680000.00	-389.68	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	NV	40	-700000.00	-401.15	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+M	Outer_Full	NV	50	-715000.00	-409.74	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	NV	-30	-700000.00	-401.15	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	NV	-20	-700000.00	-401.15	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	NV	-10	-685000.00	-392.55	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	NV	0	-690000.00	-395.42	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	NV	10	-690000.00	-395.42	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	NV	20	-695000.00	-398.28	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	NV	30	-685000.00	-392.55	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	NV	40	-705000.00	-404.01	PASS

DC_5A-n 66A	15	5+35	DFT-16QAM	M+M	Outer_Full	NV	50	-700000.00	-401.15	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	NV	-30	-745000.00	-422.70	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	NV	-20	-745000.00	-422.70	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	NV	-10	-745000.00	-422.70	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	NV	0	-740000.00	-419.86	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	NV	10	-725000.00	-411.35	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	NV	20	-750000.00	-425.53	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	NV	30	-745000.00	-422.70	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	NV	40	-720000.00	-408.51	PASS
DC_5A-n 66A	15	5+35	DFT-QPSK	M+H	Outer_Full	NV	50	-735000.00	-417.02	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	NV	-30	-735000.00	-417.02	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	NV	-20	-720000.00	-408.51	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	NV	-10	-740000.00	-419.86	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	NV	0	-715000.00	-405.67	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	NV	10	-725000.00	-411.35	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	NV	20	-730000.00	-414.18	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	NV	30	-740000.00	-419.86	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	NV	40	-725000.00	-411.35	PASS
DC_5A-n 66A	15	5+35	DFT-16QAM	M+H	Outer_Full	NV	50	-720000.00	-408.51	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	NV	-30	-190000.00	-109.67	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	NV	-20	-180000.00	-103.90	PASS
DC_5A-n	15	5+45	DFT-QPSK	M+L	Outer_Full	NV	-10	-170000.00	-98.12	PASS

66A										
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	NV	0	-180000.00	-103.90	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	NV	10	-190000.00	-109.67	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	NV	20	-200000.00	-115.44	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	NV	30	-170000.00	-98.12	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	NV	40	-185000.00	-106.78	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+L	Outer_Full	NV	50	-195000.00	-112.55	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	NV	-30	-195000.00	-112.55	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	NV	-20	-165000.00	-95.24	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	NV	-10	-140000.00	-80.81	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	NV	0	-145000.00	-83.69	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	NV	10	-140000.00	-80.81	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	NV	20	-140000.00	-80.81	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	NV	30	-185000.00	-106.78	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	NV	40	-155000.00	-89.47	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+L	Outer_Full	NV	50	-140000.00	-80.81	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	NV	-30	-135000.00	-77.36	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	NV	-20	-195000.00	-111.75	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	NV	-10	-180000.00	-103.15	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	NV	0	-170000.00	-97.42	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	NV	10	-190000.00	-108.88	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	NV	20	-195000.00	-111.75	PASS

DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	NV	30	-170000.00	-97.42	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	NV	40	-170000.00	-97.42	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+M	Outer_Full	NV	50	-170000.00	-97.42	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	NV	-30	-160000.00	-91.69	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	NV	-20	-165000.00	-94.56	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	NV	-10	-165000.00	-94.56	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	NV	0	-135000.00	-77.36	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	NV	10	-165000.00	-94.56	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	NV	20	-150000.00	-85.96	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	NV	30	-155000.00	-88.83	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	NV	40	-160000.00	-91.69	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+M	Outer_Full	NV	50	-185000.00	-106.02	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	NV	-30	-170000.00	-96.73	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	NV	-20	-150000.00	-85.35	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	NV	-10	-170000.00	-96.73	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	NV	0	-180000.00	-102.42	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	NV	10	-145000.00	-82.50	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	NV	20	-155000.00	-88.19	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	NV	30	-155000.00	-88.19	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	NV	40	-175000.00	-99.57	PASS
DC_5A-n 66A	15	5+45	DFT-QPSK	M+H	Outer_Full	NV	50	-150000.00	-85.35	PASS
DC_5A-n	15	5+45	DFT-16QAM	M+H	Outer_Full	NV	-30	-165000.00	-93.88	PASS

66A										
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	NV	-20	-195000.00	-110.95	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	NV	-10	-130000.00	-73.97	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	NV	0	7.000000	0.008827	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	NV	10	-170000.00	-96.73	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	NV	20	-180000.00	-102.42	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	NV	30	-165000.00	-93.88	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	NV	40	-165000.00	-93.88	PASS
DC_5A-n 66A	15	5+45	DFT-16QAM	M+H	Outer_Full	NV	50	-170000.00	-96.73	PASS