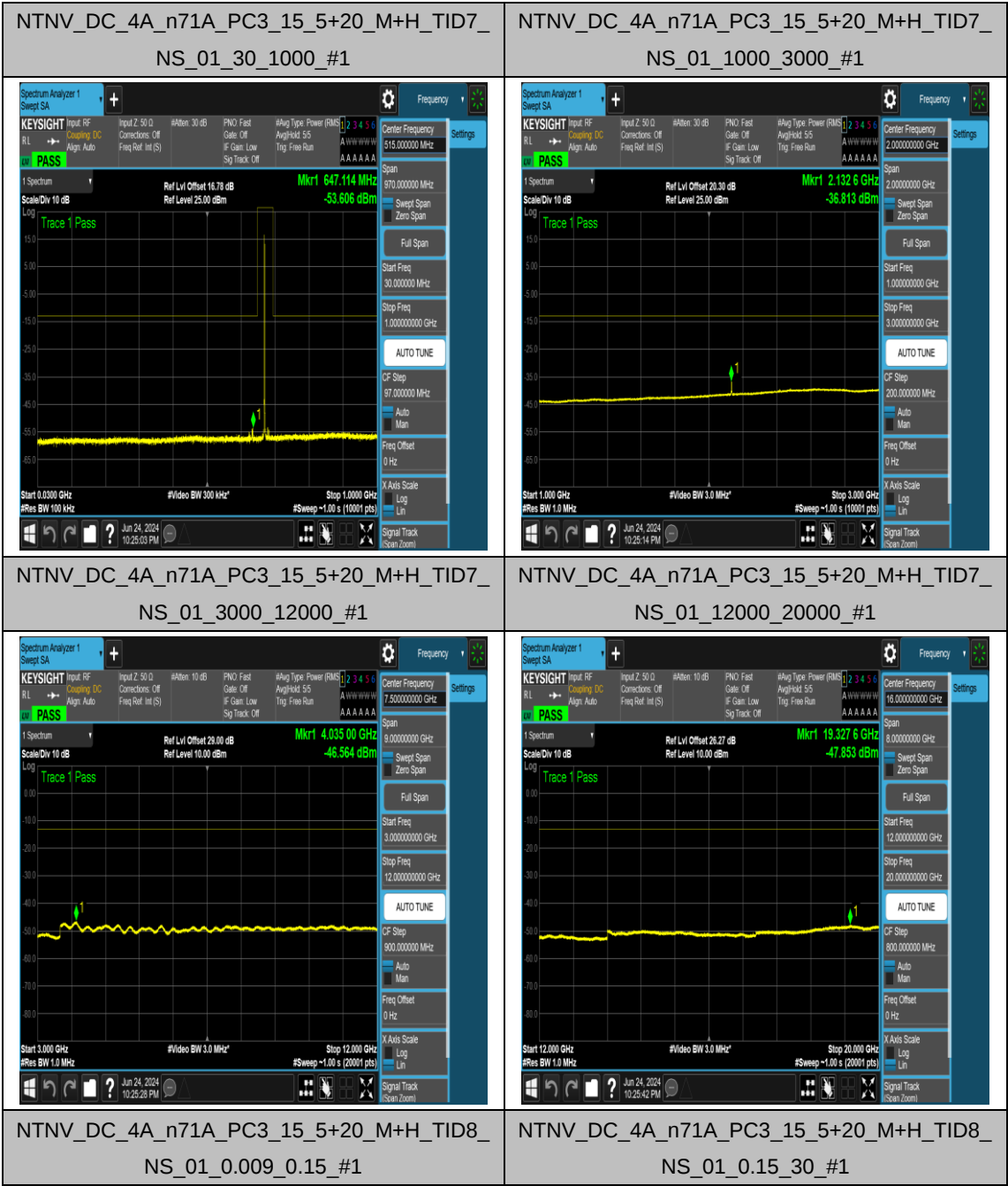
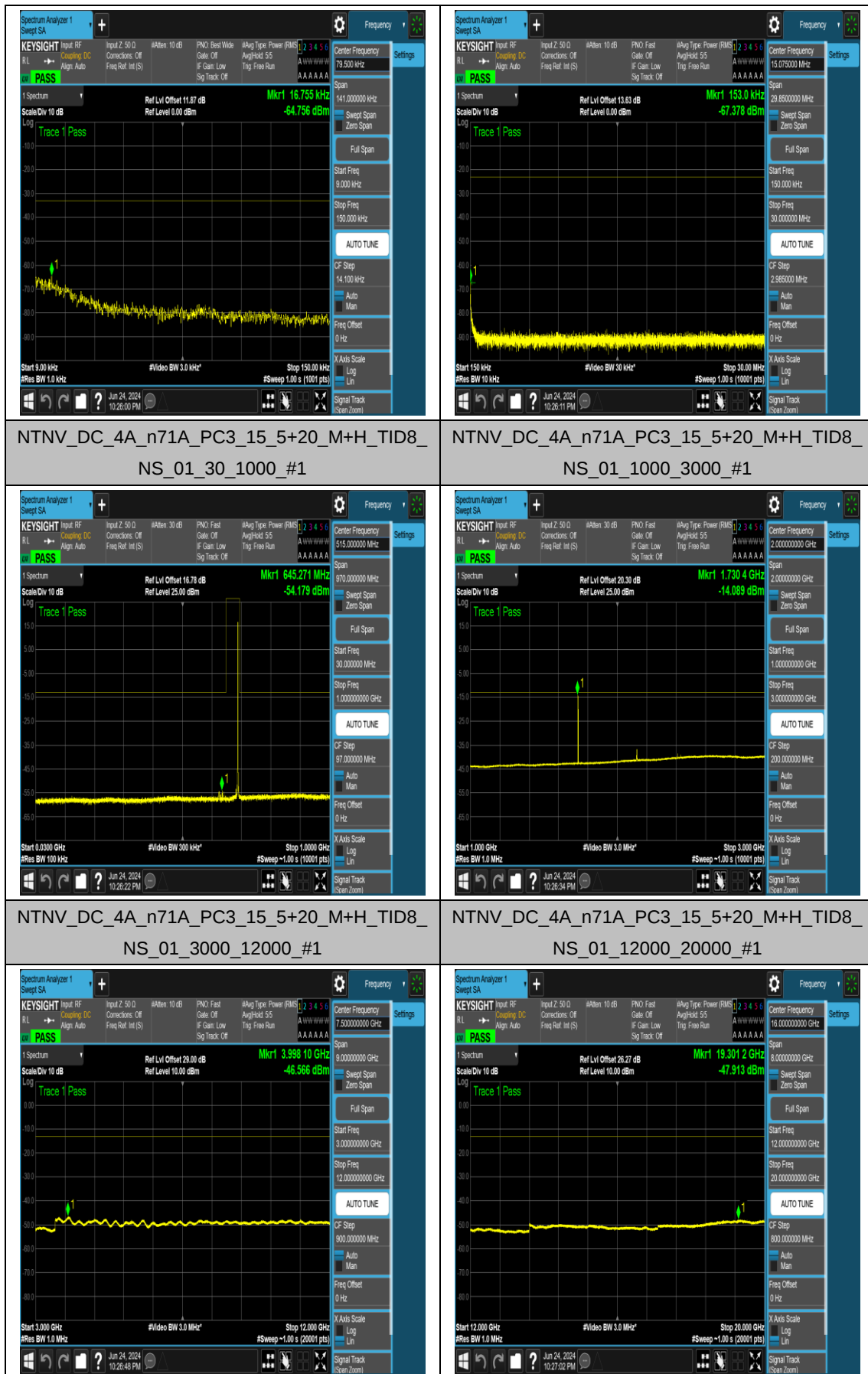






Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_4A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	VL	NT	19.000000	0.028550	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	VN	NT	2.000000	0.003005	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	VH	NT	4.000000	0.006011	PASS
DC_4A_n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	VL	NT	4.000000	0.006011	PASS
DC_4A_n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	VN	NT	17.000000	0.025545	PASS
DC_4A_n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	VH	NT	11.000000	0.016529	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	VL	NT	18.000000	0.026451	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	VN	NT	10.000000	0.014695	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	VH	NT	12.000000	0.017634	PASS
DC_4A_n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	VL	NT	18.000000	0.026451	PASS
DC_4A_n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	VN	NT	12.000000	0.017634	PASS
DC_4A_n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	VH	NT	4.000000	0.005878	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	VL	NT	3.000000	0.004313	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	VN	NT	16.000000	0.023005	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	VH	NT	15.000000	0.021567	PASS
DC_4A_n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	VL	NT	3.000000	0.004313	PASS
DC_4A_n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	VN	NT	10.000000	0.014378	PASS
DC_4A_n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	VH	NT	9.000000	0.012940	PASS

n71A										
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	8.000000	0.011976	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	15.000000	0.022455	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	17.000000	0.025449	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	12.000000	0.017964	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	19.000000	0.028443	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	16.000000	0.023952	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	13.000000	0.019104	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	16.000000	0.023512	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	6.000000	0.008817	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	15.000000	0.022043	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	9.000000	0.013226	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	1.000000	0.001470	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	5.000000	0.007215	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	3.000000	0.004329	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	14.000000	0.020202	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	10.000000	0.014430	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	4.000000	0.005772	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	11.000000	0.015873	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	7.000000	0.010440	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	19.000000	0.028337	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	18.000000	0.026846	PASS

n71A										
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	18.000000	0.026846	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	3.000000	0.004474	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	10.000000	0.014914	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	5.000000	0.007348	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	9.000000	0.013226	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	18.000000	0.026451	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	15.000000	0.022043	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	18.000000	0.026451	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	15.000000	0.022043	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	1.000000	0.001448	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	10.000000	0.014482	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	16.000000	0.023172	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	6.000000	0.008689	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	4.000000	0.005793	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	3.000000	0.004345	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	VL	NT	15.000000	0.022288	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	VN	NT	12.000000	0.017831	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	VH	NT	2.000000	0.002972	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	VL	NT	19.000000	0.028232	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	VN	NT	10.000000	0.014859	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	VH	NT	12.000000	0.017831	PASS

n71A										
DC_4A_n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	VL	NT	11.000000	0.016164	PASS
DC_4A_n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	VN	NT	9.000000	0.013226	PASS
DC_4A_n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	VH	NT	11.000000	0.016164	PASS
DC_4A_n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	VL	NT	3.000000	0.004409	PASS
DC_4A_n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	VN	NT	13.000000	0.019104	PASS
DC_4A_n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	VH	NT	14.000000	0.020573	PASS
DC_4A_n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	VL	NT	18.000000	0.026163	PASS
DC_4A_n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	VN	NT	6.000000	0.008721	PASS
DC_4A_n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	VH	NT	2.000000	0.002907	PASS
DC_4A_n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	VL	NT	6.000000	0.008721	PASS
DC_4A_n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	VN	NT	19.000000	0.027616	PASS
DC_4A_n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	VH	NT	17.000000	0.024709	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_4A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-30	6.000000	0.009016	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-20	2.000000	0.003005	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-10	1.000000	0.001503	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	0	3.000000	0.004508	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	10	16.000000	0.024042	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	20	15.000000	0.022539	PASS
DC_4A_n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	30	5.000000	0.007513	PASS

n71A										
DC_4A_ n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	40	5.000000	0.007513	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	50	14.000000	0.021037	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-30	7.000000	0.010518	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-20	6.000000	0.009016	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-10	15.000000	0.022539	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	0	11.000000	0.016529	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	10	7.000000	0.010518	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	20	13.000000	0.019534	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	30	6.000000	0.009016	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	40	5.000000	0.007513	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	50	2.000000	0.003005	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-30	6.000000	0.008817	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-20	5.000000	0.007348	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-10	15.000000	0.022043	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	0	14.000000	0.020573	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	10	16.000000	0.023512	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	20	19.000000	0.027921	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	30	6.000000	0.008817	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	40	5.000000	0.007348	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	50	15.000000	0.022043	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-30	7.000000	0.010287	PASS

n71A										
DC_4A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-20	10.000000	0.014695	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-10	9.000000	0.013226	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	0	11.000000	0.016164	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	10	14.000000	0.020573	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	20	13.000000	0.019104	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	30	17.000000	0.024982	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	40	17.000000	0.024982	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	50	6.000000	0.008817	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-30	10.000000	0.014378	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-20	19.000000	0.027318	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-10	7.000000	0.010065	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	0	6.000000	0.008627	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	10	15.000000	0.021567	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	20	8.000000	0.011503	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	30	17.000000	0.024443	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	40	19.000000	0.027318	PASS
DC_4A_ n71A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	50	17.000000	0.024443	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-30	11.000000	0.015816	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-20	2.000000	0.002876	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-10	5.000000	0.007189	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	0	3.000000	0.004313	PASS

n71A										
DC_4A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	10	3.000000	0.004313	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	20	13.000000	0.018692	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	30	19.000000	0.027318	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	40	18.000000	0.025881	PASS
DC_4A_ n71A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	50	2.000000	0.002876	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	19.000000	0.028443	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	3.000000	0.004491	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	6.000000	0.008982	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	5.000000	0.007485	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	14.000000	0.020958	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	1.000000	0.001497	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	7.000000	0.010479	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	9.000000	0.013473	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	12.000000	0.017964	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	15.000000	0.022455	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	17.000000	0.025449	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	3.000000	0.004491	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	17.000000	0.025449	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	16.000000	0.023952	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	15.000000	0.022455	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	18.000000	0.026946	PASS

n71A										
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	8.000000	0.011976	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	7.000000	0.010479	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	5.000000	0.007348	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	14.000000	0.020573	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	7.000000	0.010287	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	3.000000	0.004409	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	2.000000	0.002939	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	11.000000	0.016164	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	10.000000	0.014695	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	13.000000	0.019104	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	12.000000	0.017634	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	10.000000	0.014695	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	6.000000	0.008817	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	10.000000	0.014695	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	13.000000	0.019104	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	12.000000	0.017634	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	14.000000	0.020573	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	17.000000	0.024982	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	16.000000	0.023512	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	15.000000	0.022043	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	4.000000	0.005772	PASS

n71A										
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	3.000000	0.004329	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	13.000000	0.018759	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	5.000000	0.007215	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	4.000000	0.005772	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	3.000000	0.004329	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	3.000000	0.004329	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	11.000000	0.015873	PASS
DC_4A_ n71A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	10.000000	0.014430	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	13.000000	0.018759	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	12.000000	0.017316	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	4.000000	0.005772	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	6.000000	0.008658	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	6.000000	0.008658	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	15.000000	0.021645	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	14.000000	0.020202	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	6.000000	0.008658	PASS
DC_4A_ n71A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	16.000000	0.023088	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	1.000000	0.001491	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	11.000000	0.016406	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	10.000000	0.014914	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	9.000000	0.013423	PASS

n71A										
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	12.000000	0.017897	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	18.000000	0.026846	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	17.000000	0.025354	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	19.000000	0.028337	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	3.000000	0.004474	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	9.000000	0.013423	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	7.000000	0.010440	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	11.000000	0.016406	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	14.000000	0.020880	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	13.000000	0.019389	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	16.000000	0.023863	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	2.000000	0.002983	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	8.000000	0.011931	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	7.000000	0.010440	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	16.000000	0.023512	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	5.000000	0.007348	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	14.000000	0.020573	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	16.000000	0.023512	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	4.000000	0.005878	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	3.000000	0.004409	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	12.000000	0.017634	PASS

n71A										
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	16.000000	0.023512	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	15.000000	0.022043	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	14.000000	0.020573	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	3.000000	0.004409	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	16.000000	0.023512	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	5.000000	0.007348	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	5.000000	0.007348	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	10.000000	0.014695	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	4.000000	0.005878	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	16.000000	0.023512	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	3.000000	0.004409	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	8.000000	0.011586	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	15.000000	0.021723	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	19.000000	0.027516	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	3.000000	0.004345	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	9.000000	0.013034	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	8.000000	0.011586	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	18.000000	0.026068	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	18.000000	0.026068	PASS
DC_4A_ n71A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	13.000000	0.018827	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	3.000000	0.004345	PASS

n71A										
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	12.000000	0.017379	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	1.000000	0.001448	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	6.000000	0.008689	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	9.000000	0.013034	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	15.000000	0.021723	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	11.000000	0.015930	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	6.000000	0.008689	PASS
DC_4A_ n71A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	6.000000	0.008689	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-30	1.000000	0.001486	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-20	10.000000	0.014859	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	-10	5.000000	0.007429	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	0	14.000000	0.020802	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	10	14.000000	0.020802	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	20	1.000000	0.001486	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	30	11.000000	0.016344	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	40	9.000000	0.013373	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+L	Outer_Full	NV	50	8.000000	0.011887	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-30	11.000000	0.016344	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-20	6.000000	0.008915	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	-10	7.000000	0.010401	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	0	6.000000	0.008915	PASS

n71A										
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	10	4.000000	0.005944	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	20	7.000000	0.010401	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	30	1.000000	0.001486	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	40	17.000000	0.025260	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+L	Outer_Full	NV	50	1.000000	0.001486	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-30	13.000000	0.019104	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-20	12.000000	0.017634	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	-10	15.000000	0.022043	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	0	14.000000	0.020573	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	10	5.000000	0.007348	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	20	11.000000	0.016164	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	30	15.000000	0.022043	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	40	5.000000	0.007348	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+M	Outer_Full	NV	50	4.000000	0.005878	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-30	13.000000	0.019104	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-20	3.000000	0.004409	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	-10	16.000000	0.023512	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	0	15.000000	0.022043	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	10	18.000000	0.026451	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	20	5.000000	0.007348	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	30	4.000000	0.005878	PASS

n71A										
DC_4A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	40	17.000000	0.024982	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+M	Outer_Full	NV	50	8.000000	0.011756	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-30	11.000000	0.015987	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-20	17.000000	0.024709	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	-10	14.000000	0.020349	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	0	1.000000	0.001453	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	10	4.000000	0.005814	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	20	10.000000	0.014535	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	30	10.000000	0.014535	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	40	4.000000	0.005814	PASS
DC_4A_ n71A	15	5+20	DFT-QPSK	M+H	Outer_Full	NV	50	13.000000	0.018895	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-30	4.000000	0.005814	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-20	7.000000	0.010174	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	-10	6.000000	0.008721	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	0	13.000000	0.018895	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	10	7.000000	0.010174	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	20	17.000000	0.024709	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	30	18.000000	0.026163	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	40	5.000000	0.007267	PASS
DC_4A_ n71A	15	5+20	DFT-16QAM	M+H	Outer_Full	NV	50	4.000000	0.005814	PASS