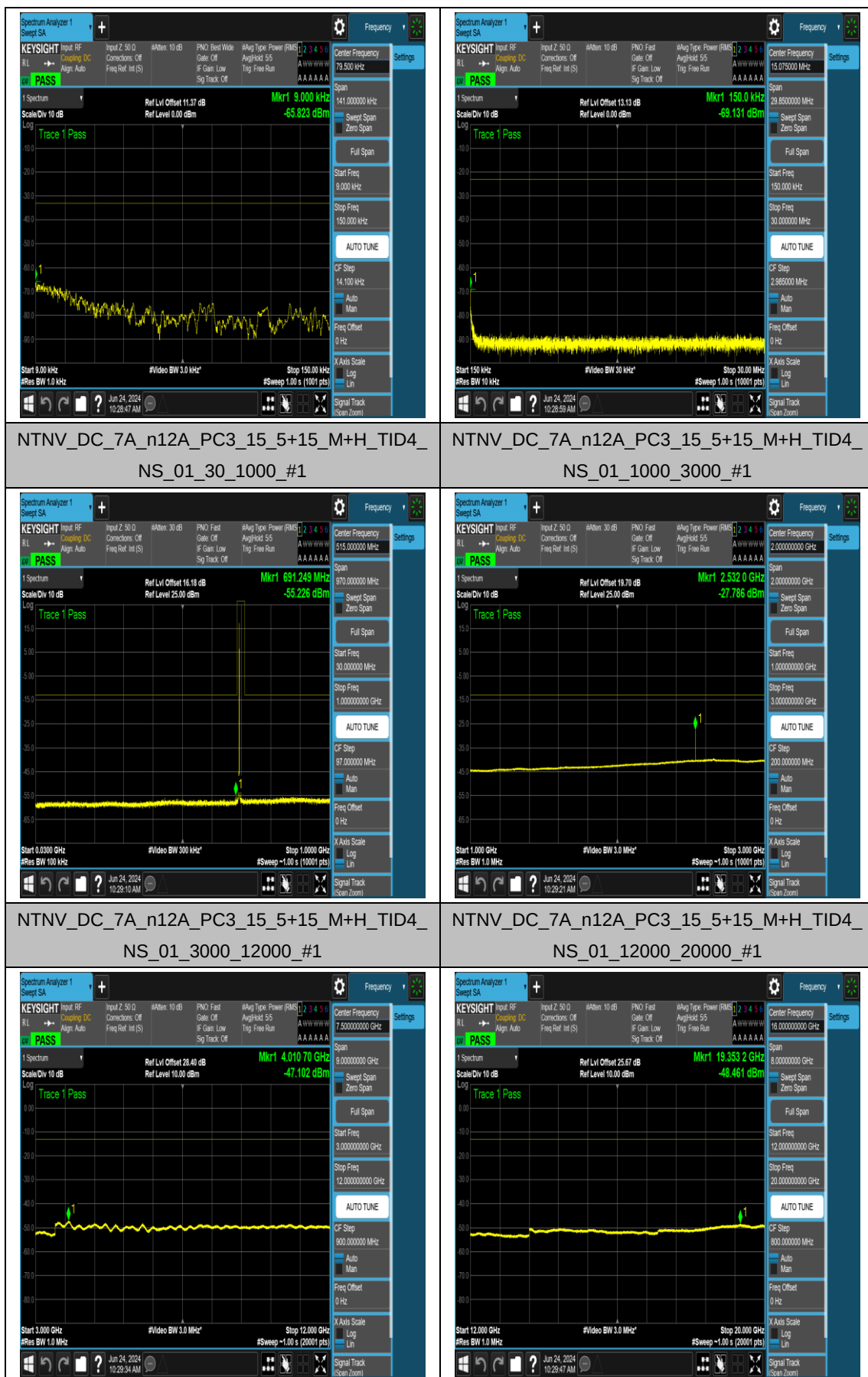
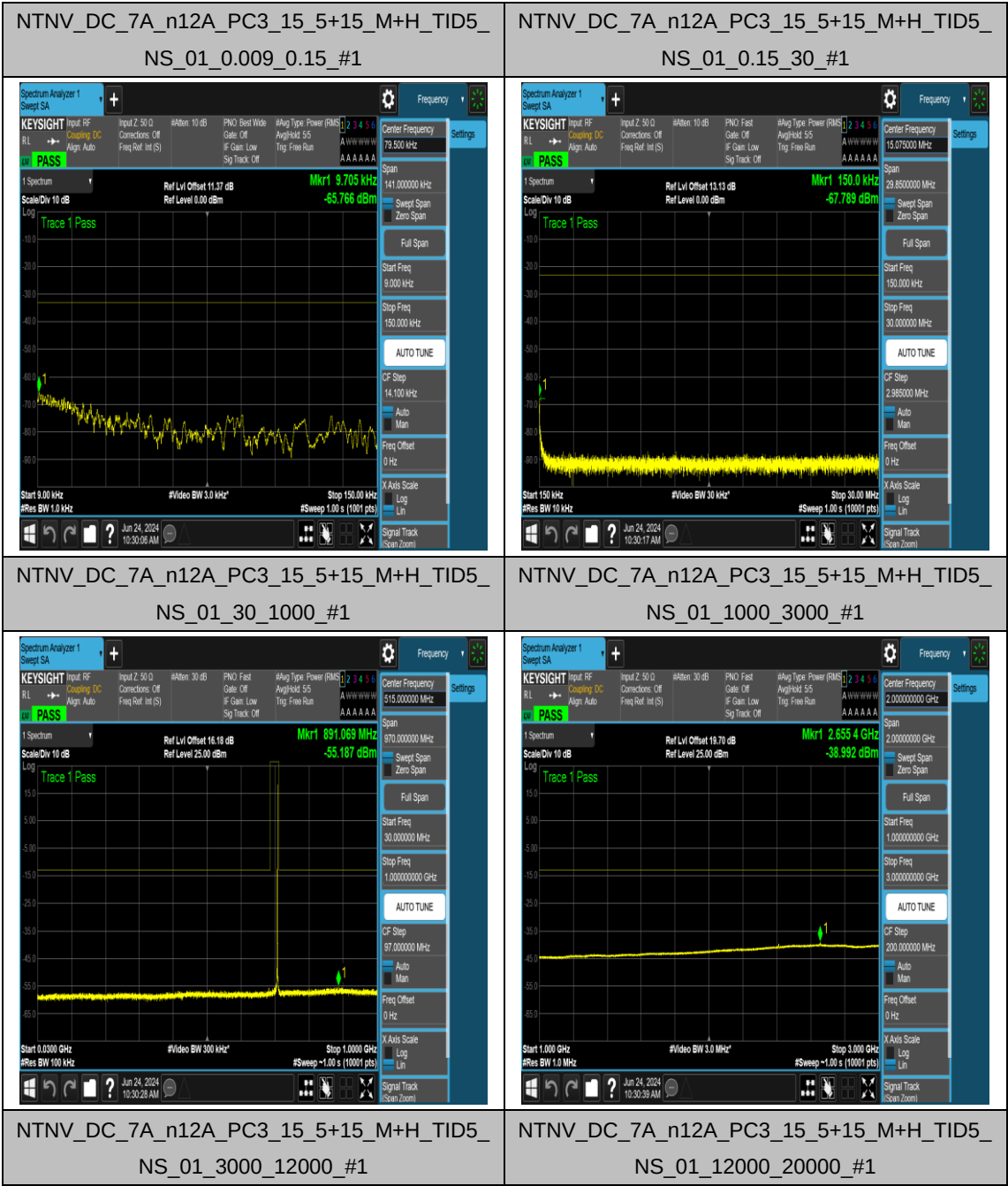
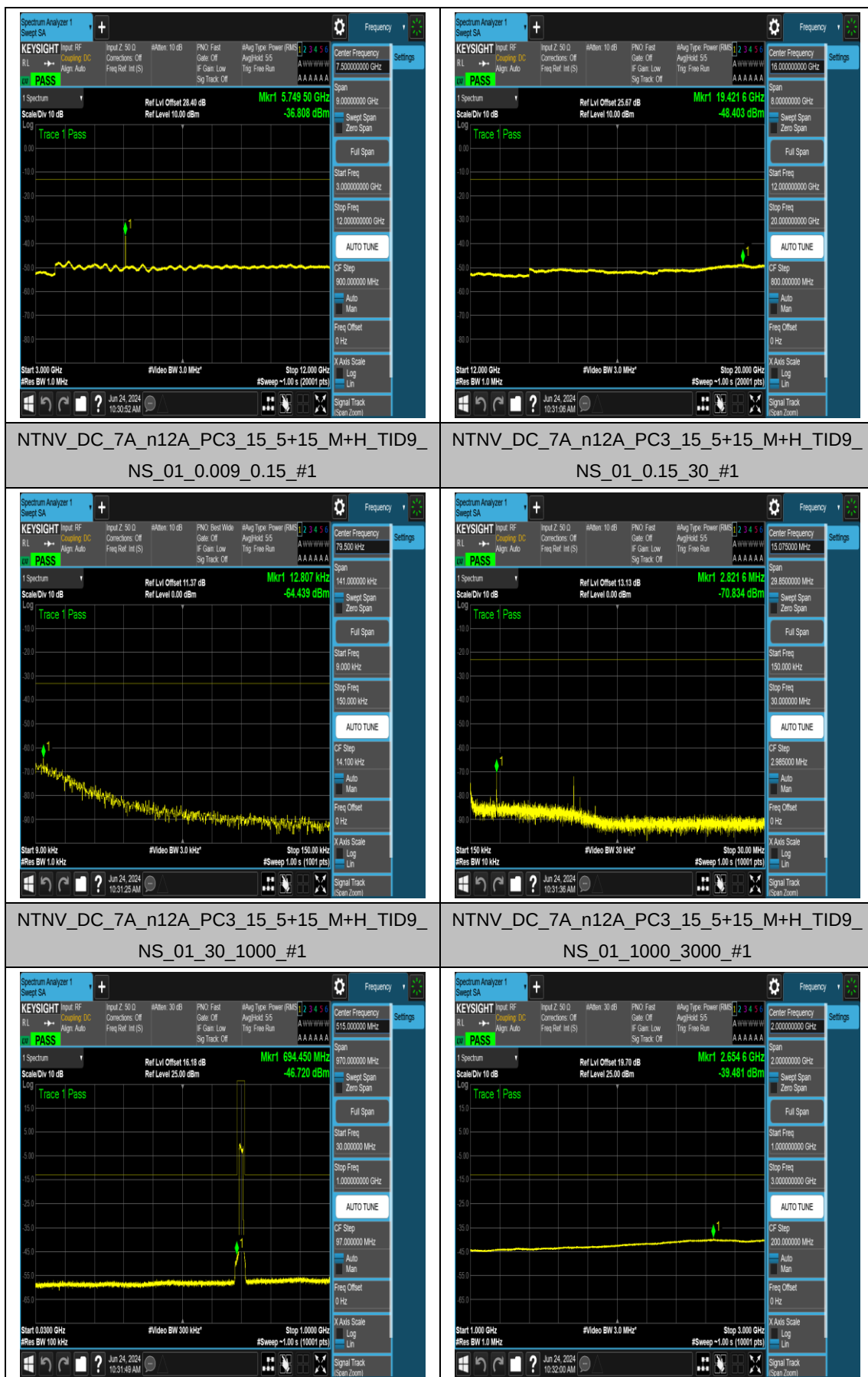
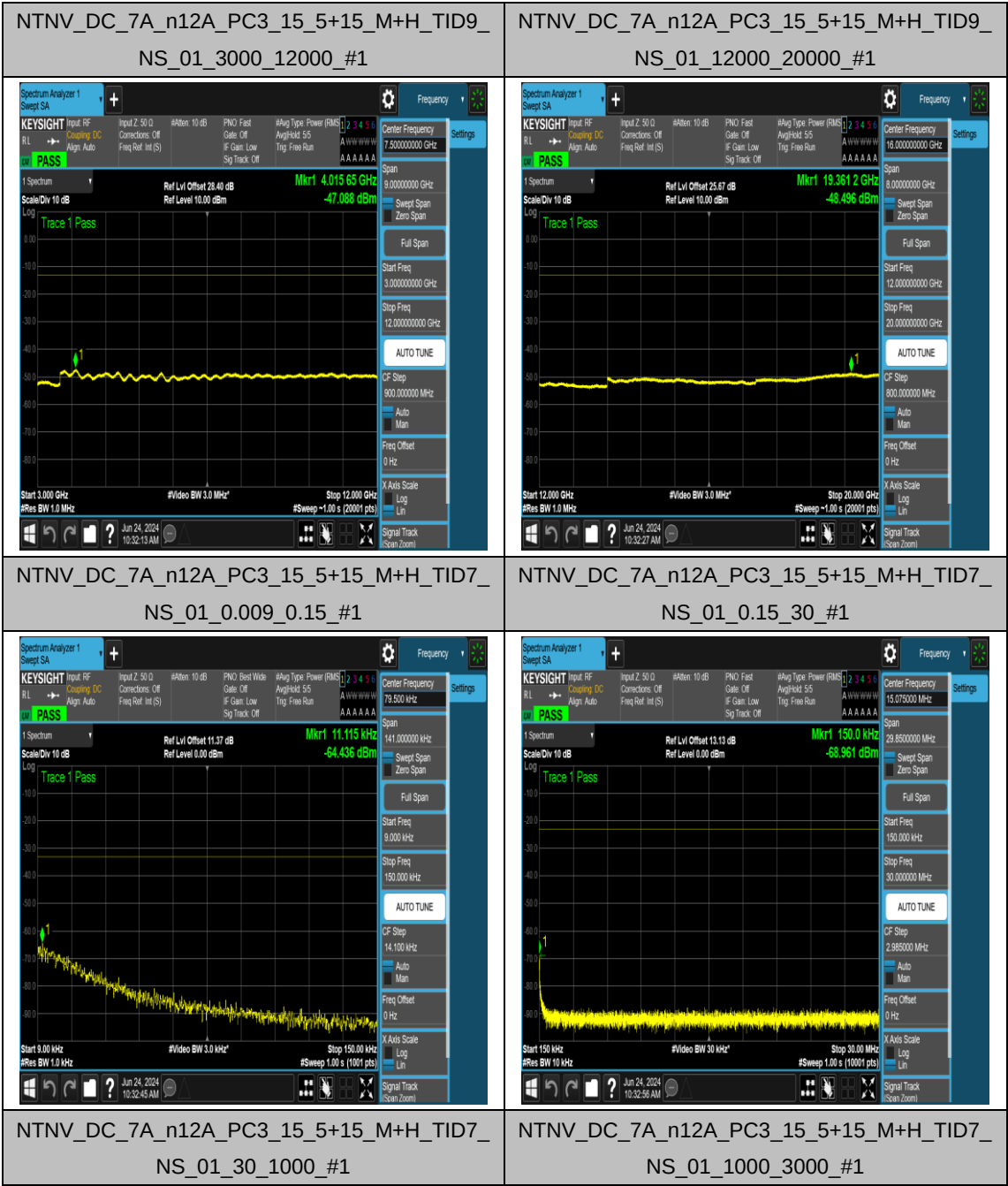
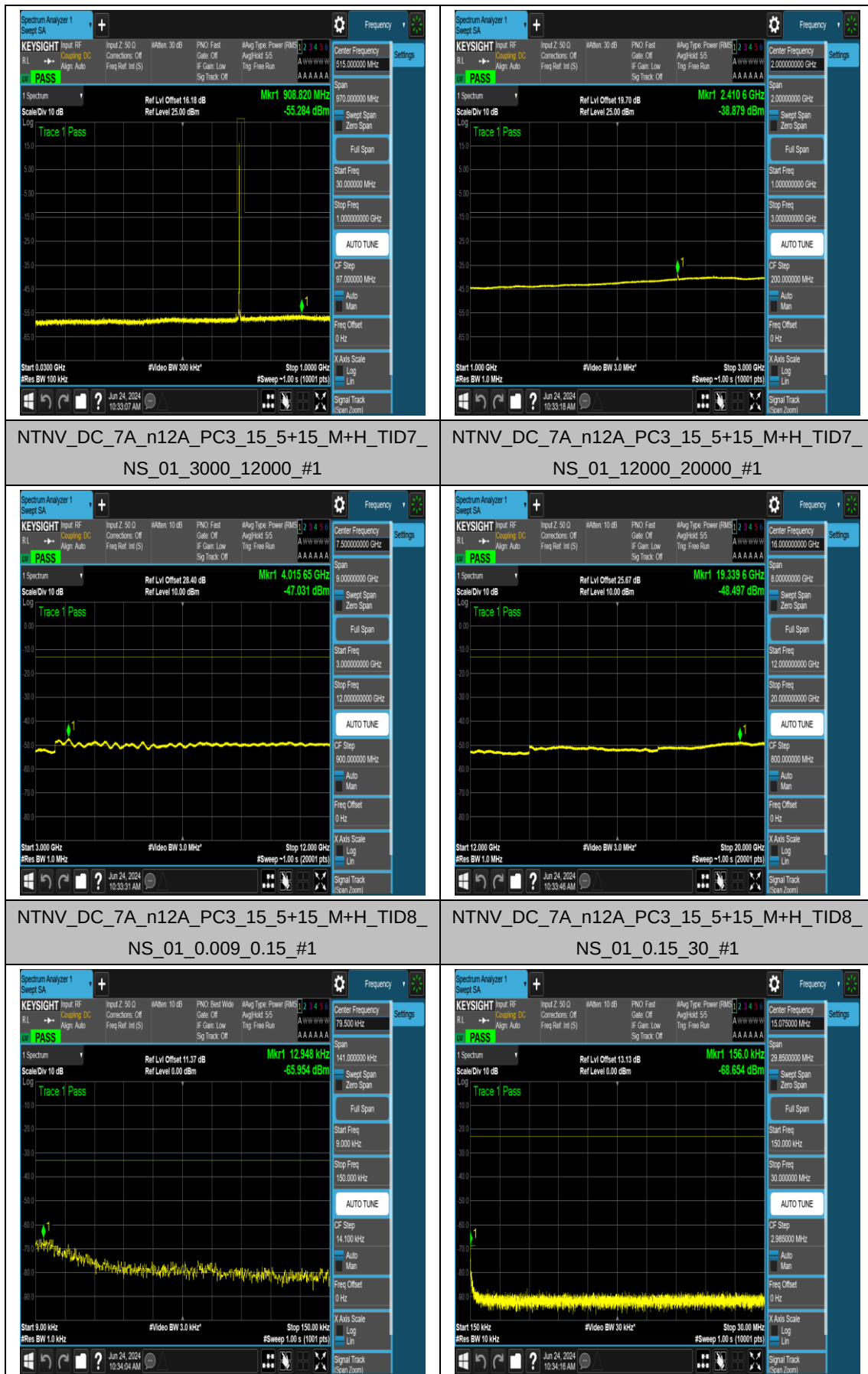


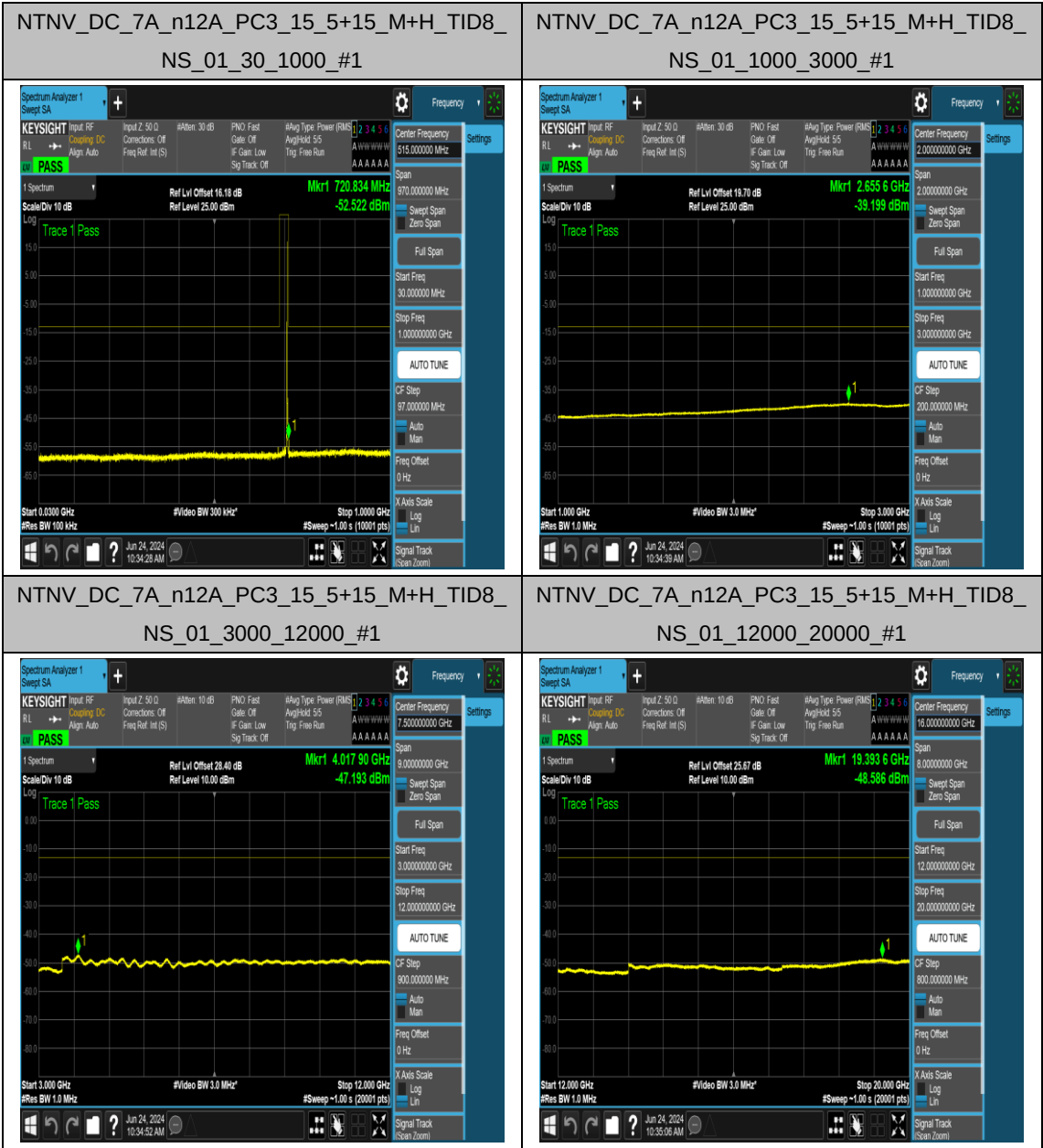












Appendix F: Frequency Stability for NSA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_7A_n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	VL	NT	15.000000	0.021383	PASS
DC_7A_n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	VN	NT	13.000000	0.018532	PASS
DC_7A_n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	VH	NT	5.000000	0.007128	PASS
DC_7A_n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	VL	NT	14.000000	0.019957	PASS
DC_7A_n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	VN	NT	8.000000	0.011404	PASS
DC_7A_n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	VH	NT	17.000000	0.024234	PASS
DC_7A_n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	VL	NT	14.000000	0.019788	PASS
DC_7A_n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	VN	NT	1.000000	0.001413	PASS
DC_7A_n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	VH	NT	3.000000	0.004240	PASS
DC_7A_n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	VL	NT	1.000000	0.001413	PASS
DC_7A_n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	VN	NT	8.000000	0.011307	PASS
DC_7A_n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	VH	NT	7.000000	0.009894	PASS
DC_7A_n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	VL	NT	16.000000	0.022425	PASS
DC_7A_n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	VN	NT	14.000000	0.019622	PASS
DC_7A_n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	VH	NT	14.000000	0.019622	PASS
DC_7A_n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	VL	NT	5.000000	0.007008	PASS
DC_7A_n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	VN	NT	11.000000	0.015417	PASS
DC_7A_n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	VH	NT	10.000000	0.014015	PASS

n12A										
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	VL	NT	1.000000	0.001420	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	VN	NT	8.000000	0.011364	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	VH	NT	4.000000	0.005682	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	VL	NT	19.000000	0.026989	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	VN	NT	7.000000	0.009943	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	VH	NT	6.000000	0.008523	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	VL	NT	4.000000	0.005654	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	VN	NT	18.000000	0.025442	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	VH	NT	9.000000	0.012721	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	VL	NT	1.000000	0.001413	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	VN	NT	8.000000	0.011307	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	VH	NT	4.000000	0.005654	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	VL	NT	11.000000	0.015471	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	VN	NT	17.000000	0.023910	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	VH	NT	3.000000	0.004219	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	VL	NT	12.000000	0.016878	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	VN	NT	19.000000	0.026723	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	VH	NT	11.000000	0.015471	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	VL	NT	1.000000	0.001415	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	VN	NT	7.000000	0.009908	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	VH	NT	16.000000	0.022647	PASS

n12A										
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	VL	NT	19.000000	0.026893	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	VN	NT	19.000000	0.026893	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	VH	NT	9.000000	0.012739	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	VL	NT	6.000000	0.008481	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	VN	NT	10.000000	0.014134	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	VH	NT	6.000000	0.008481	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	VL	NT	1.000000	0.001413	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	VN	NT	16.000000	0.022615	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	VH	NT	8.000000	0.011307	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	VL	NT	4.000000	0.005646	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	VN	NT	19.000000	0.026817	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	VH	NT	10.000000	0.014114	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	VL	NT	8.000000	0.011291	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	VN	NT	12.000000	0.016937	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	VH	NT	3.000000	0.004234	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
DC_7A_ n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-30	4.000000	0.005702	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-20	3.000000	0.004277	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	-10	6.000000	0.008553	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	0	12.000000	0.017106	PASS

n12A										
DC_7A_ n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	10	3.000000	0.004277	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	20	9.000000	0.012830	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	30	8.000000	0.011404	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	40	11.000000	0.015681	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+L	Outer_Full	NV	50	14.000000	0.019957	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-30	16.000000	0.022808	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-20	16.000000	0.022808	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	-10	14.000000	0.019957	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	0	4.000000	0.005702	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	10	18.000000	0.025659	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	20	6.000000	0.008553	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	30	11.000000	0.015681	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	40	14.000000	0.019957	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+L	Outer_Full	NV	50	13.000000	0.018532	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-30	17.000000	0.024028	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-20	1.000000	0.001413	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	-10	19.000000	0.026855	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	0	18.000000	0.025442	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	10	16.000000	0.022615	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	20	9.000000	0.012721	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	30	15.000000	0.021201	PASS

n12A										
DC_7A_ n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	40	5.000000	0.007067	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+M	Outer_Full	NV	50	4.000000	0.005654	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-30	13.000000	0.018375	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-20	16.000000	0.022615	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	-10	6.000000	0.008481	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	0	5.000000	0.007067	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	10	15.000000	0.021201	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	20	8.000000	0.011307	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	30	17.000000	0.024028	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	40	17.000000	0.024028	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+M	Outer_Full	NV	50	7.000000	0.009894	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-30	16.000000	0.022425	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-20	3.000000	0.004205	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	-10	3.000000	0.004205	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	0	12.000000	0.016819	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	10	12.000000	0.016819	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	20	1.000000	0.001402	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	30	13.000000	0.018220	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	40	19.000000	0.026629	PASS
DC_7A_ n12A	15	5+5	DFT-QPSK	M+H	Outer_Full	NV	50	9.000000	0.012614	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-30	12.000000	0.016819	PASS

n12A										
DC_7A_ n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-20	18.000000	0.025228	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	-10	8.000000	0.011212	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	0	7.000000	0.009811	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	10	12.000000	0.016819	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	20	12.000000	0.016819	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	30	18.000000	0.025228	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	40	6.000000	0.008409	PASS
DC_7A_ n12A	15	5+5	DFT-16QAM	M+H	Outer_Full	NV	50	15.000000	0.021023	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-30	6.000000	0.008523	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-20	12.000000	0.017045	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	-10	7.000000	0.009943	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	0	6.000000	0.008523	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	10	16.000000	0.022727	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	20	15.000000	0.021307	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	30	18.000000	0.025568	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	40	4.000000	0.005682	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+L	Outer_Full	NV	50	7.000000	0.009943	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-30	12.000000	0.017045	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-20	11.000000	0.015625	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	-10	5.000000	0.007102	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	0	4.000000	0.005682	PASS

n12A										
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	10	14.000000	0.019886	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	20	1.000000	0.001420	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	30	1.000000	0.001420	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	40	7.000000	0.009943	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+L	Outer_Full	NV	50	13.000000	0.018466	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-30	1.000000	0.001413	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-20	6.000000	0.008481	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	-10	16.000000	0.022615	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	0	15.000000	0.021201	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	10	6.000000	0.008481	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	20	5.000000	0.007067	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	30	15.000000	0.021201	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	40	14.000000	0.019788	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+M	Outer_Full	NV	50	2.000000	0.002827	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-30	3.000000	0.004240	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-20	12.000000	0.016961	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	-10	18.000000	0.025442	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	0	12.000000	0.016961	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	10	19.000000	0.026855	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	20	6.000000	0.008481	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	30	5.000000	0.007067	PASS

n12A										
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	40	18.000000	0.025442	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+M	Outer_Full	NV	50	2.000000	0.002827	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-30	1.000000	0.001406	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-20	1.000000	0.001406	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	-10	1.000000	0.001406	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	0	1.000000	0.001406	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	10	10.000000	0.014065	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	20	3.000000	0.004219	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	30	9.000000	0.012658	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	40	12.000000	0.016878	PASS
DC_7A_ n12A	15	5+10	DFT-QPSK	M+H	Outer_Full	NV	50	2.000000	0.002813	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-30	19.000000	0.026723	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-20	4.000000	0.005626	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	-10	7.000000	0.009845	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	0	13.000000	0.018284	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	10	1.000000	0.001406	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	20	13.000000	0.018284	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	30	16.000000	0.022504	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	40	16.000000	0.022504	PASS
DC_7A_ n12A	15	5+10	DFT-16QAM	M+H	Outer_Full	NV	50	3.000000	0.004219	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-30	8.000000	0.011323	PASS

n12A										
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-20	4.000000	0.005662	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	-10	10.000000	0.014154	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	0	12.000000	0.016985	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	10	10.000000	0.014154	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	20	13.000000	0.018401	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	30	16.000000	0.022647	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	40	3.000000	0.004246	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+L	Outer_Full	NV	50	4.000000	0.005662	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-30	11.000000	0.015570	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-20	14.000000	0.019816	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	-10	15.000000	0.021231	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	0	6.000000	0.008493	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	10	5.000000	0.007077	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	20	12.000000	0.016985	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	30	18.000000	0.025478	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	40	2.000000	0.002831	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+L	Outer_Full	NV	50	10.000000	0.014154	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-30	5.000000	0.007067	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-20	8.000000	0.011307	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	-10	14.000000	0.019788	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	0	2.000000	0.002827	PASS

n12A										
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	10	8.000000	0.011307	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	20	17.000000	0.024028	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	30	7.000000	0.009894	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	40	17.000000	0.024028	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+M	Outer_Full	NV	50	17.000000	0.024028	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-30	7.000000	0.009894	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-20	17.000000	0.024028	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	-10	16.000000	0.022615	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	0	1.000000	0.001413	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	10	12.000000	0.016961	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	20	11.000000	0.015548	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	30	16.000000	0.022615	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	40	18.000000	0.025442	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+M	Outer_Full	NV	50	6.000000	0.008481	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-30	9.000000	0.012703	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-20	18.000000	0.025406	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	-10	16.000000	0.022583	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	0	3.000000	0.004234	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	10	6.000000	0.008469	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	20	6.000000	0.008469	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	30	11.000000	0.015526	PASS

n12A										
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	40	1.000000	0.001411	PASS
DC_7A_ n12A	15	5+15	DFT-QPSK	M+H	Outer_Full	NV	50	2.000000	0.002823	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-30	8.000000	0.011291	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-20	13.000000	0.018349	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	-10	4.000000	0.005646	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	0	18.000000	0.025406	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	10	18.000000	0.025406	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	20	3.000000	0.004234	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	30	15.000000	0.021171	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	40	15.000000	0.021171	PASS
DC_7A_ n12A	15	5+15	DFT-16QAM	M+H	Outer_Full	NV	50	2.000000	0.002823	PASS