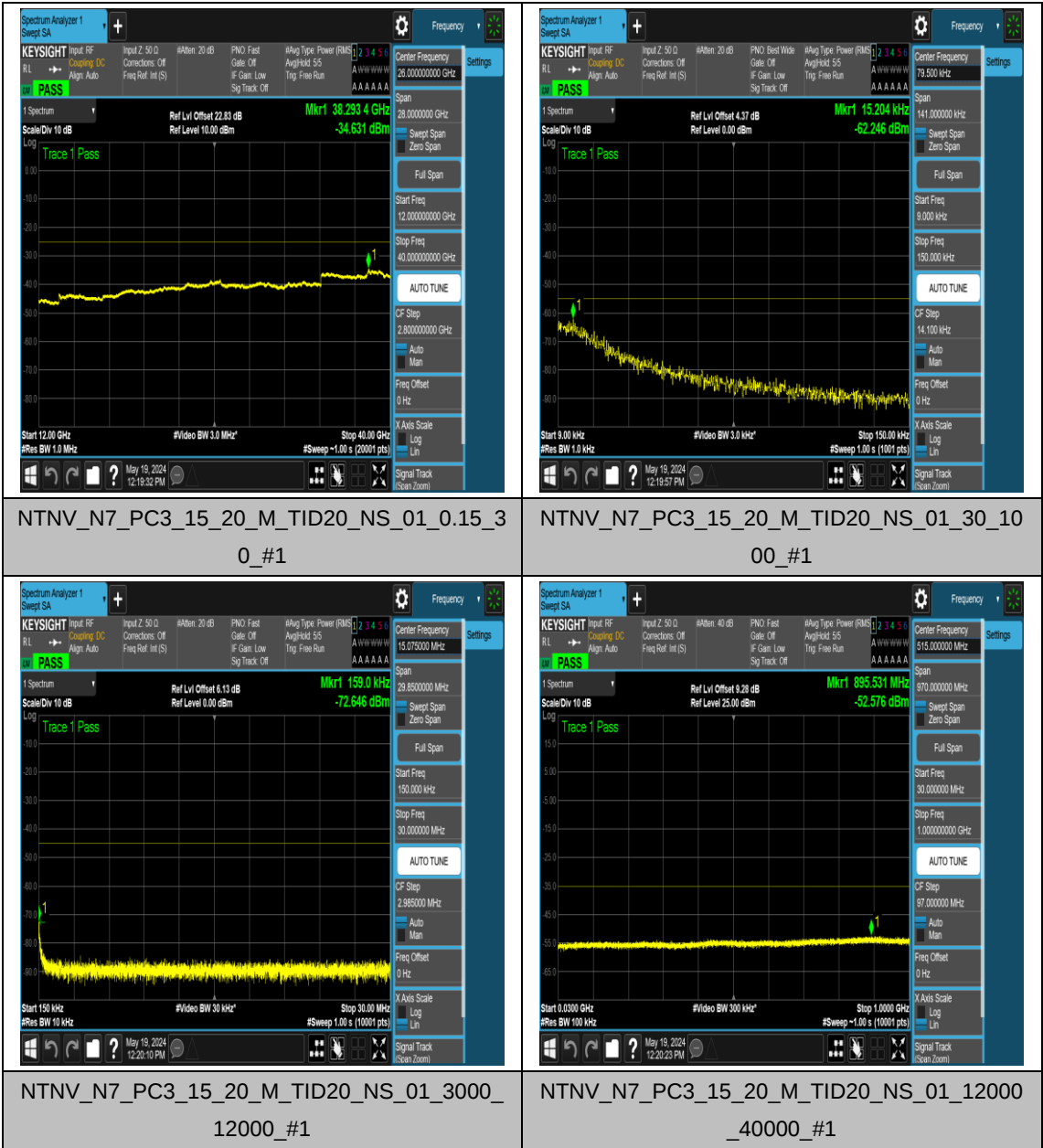
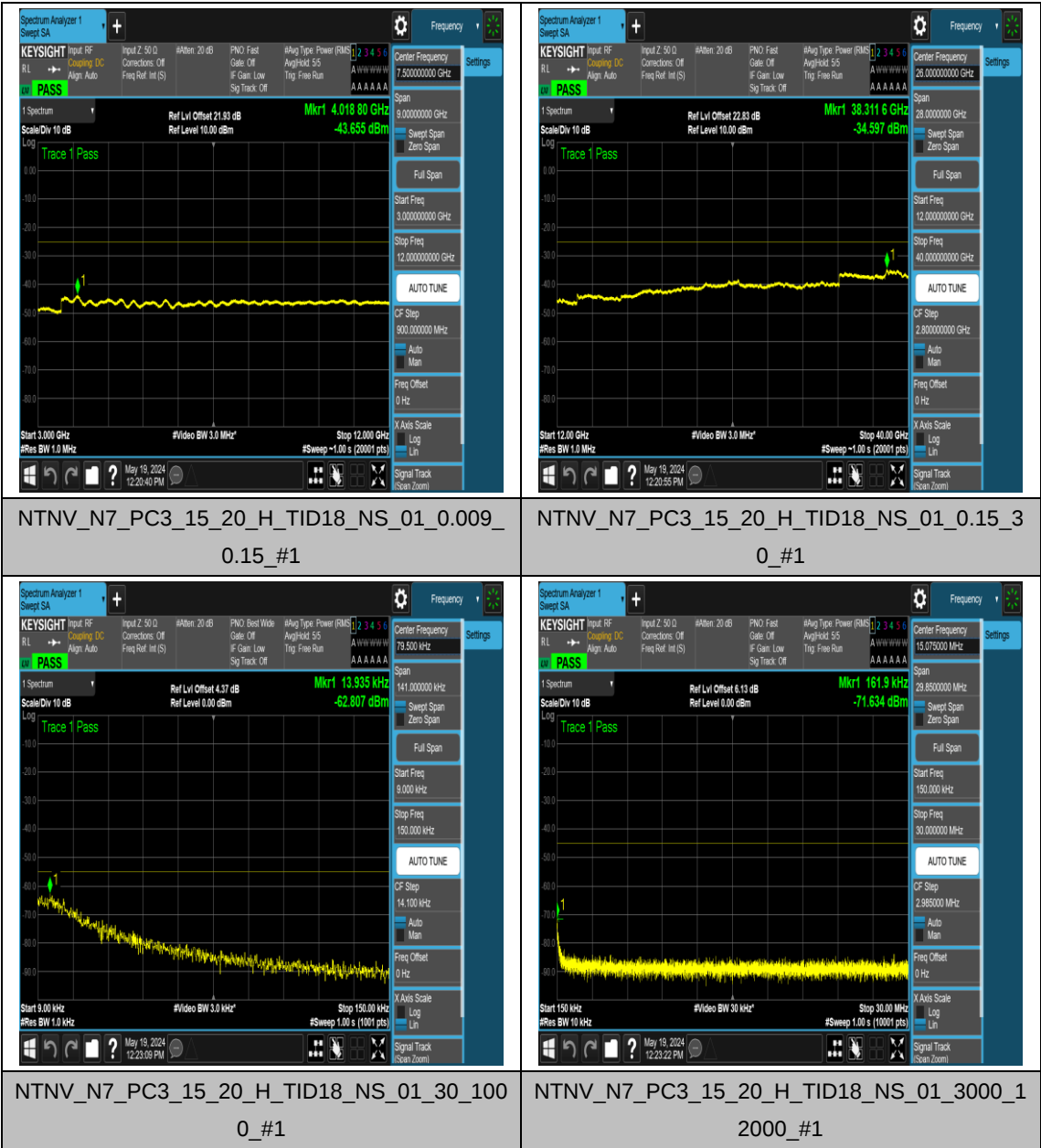
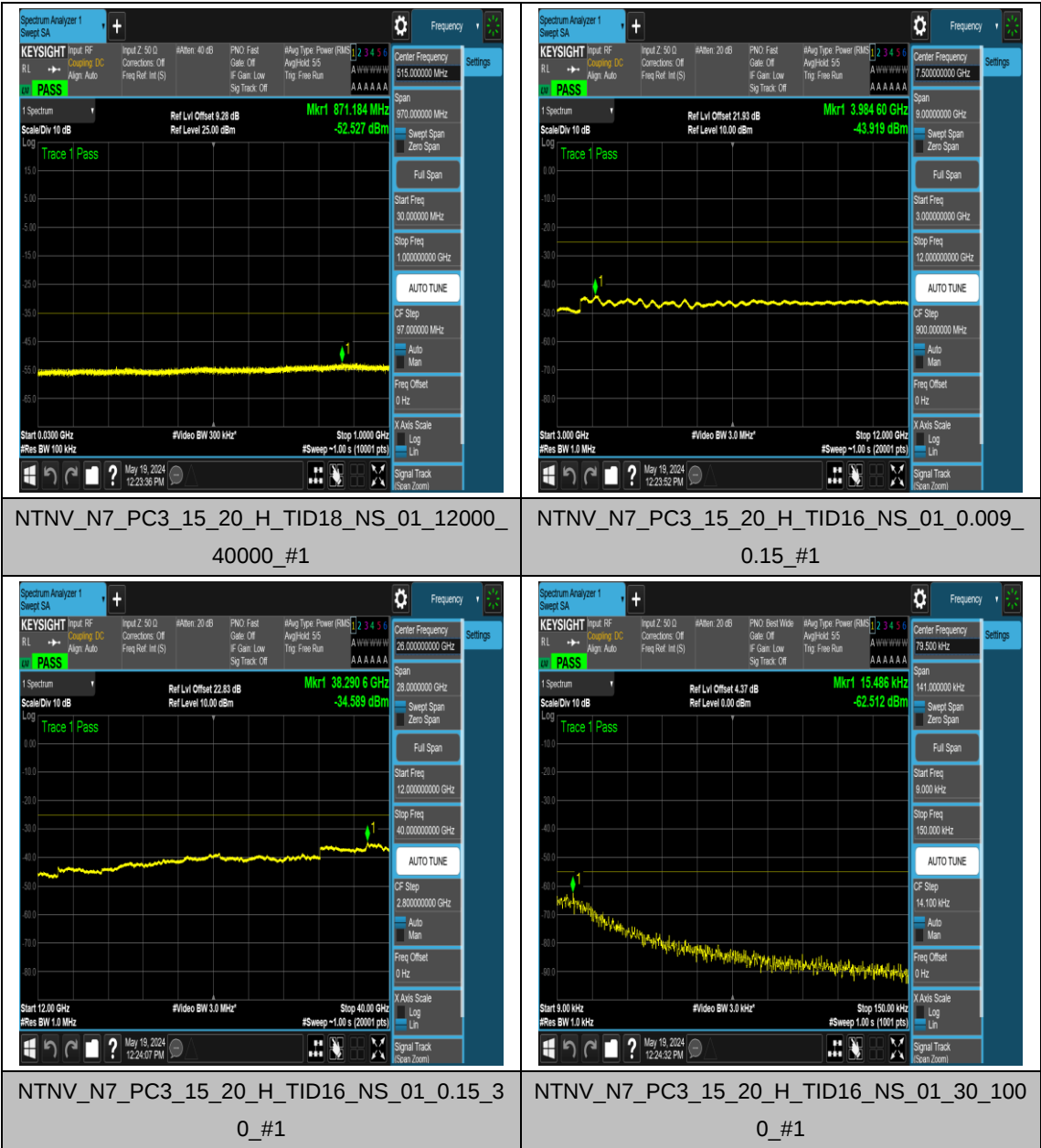
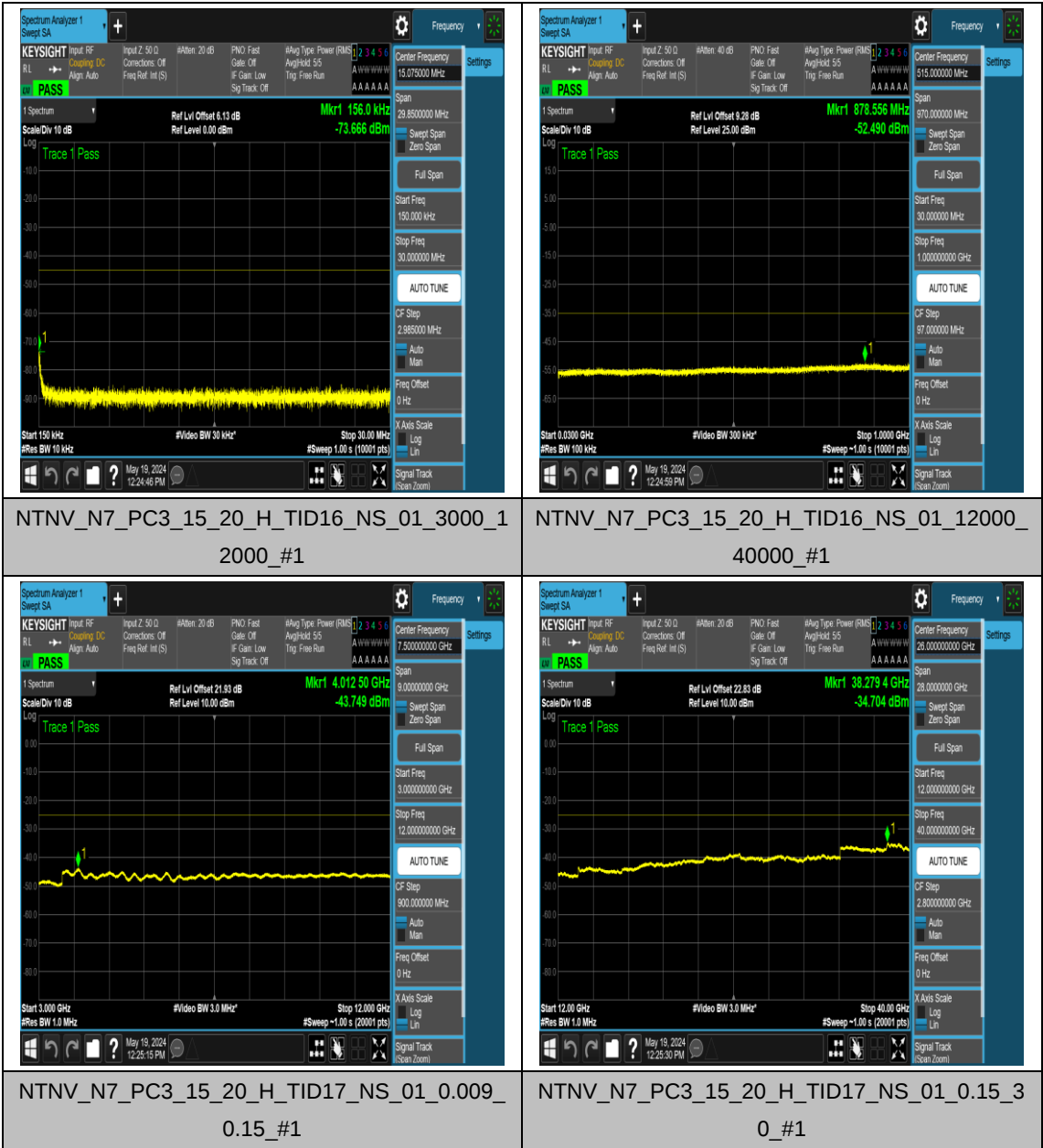
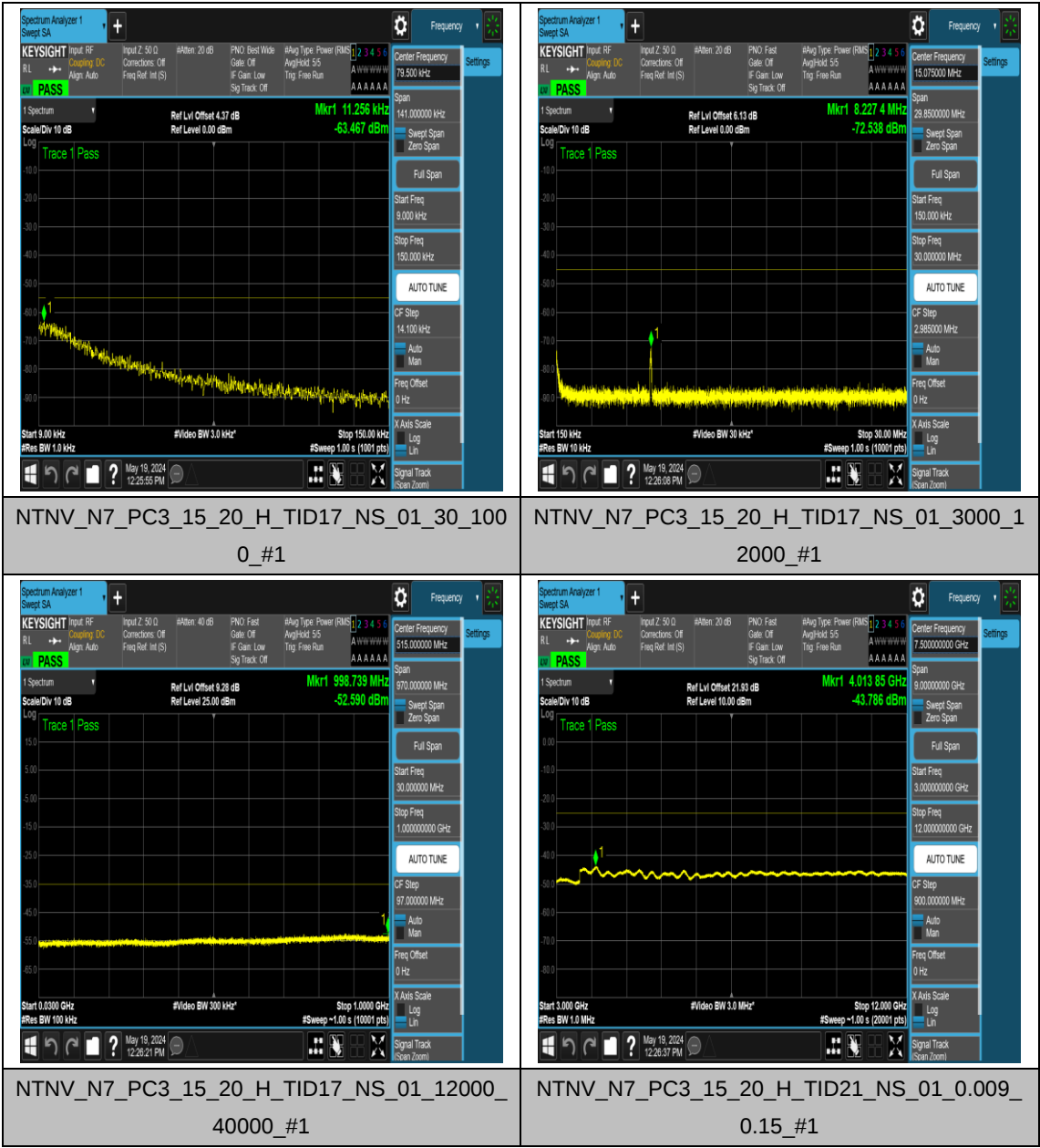


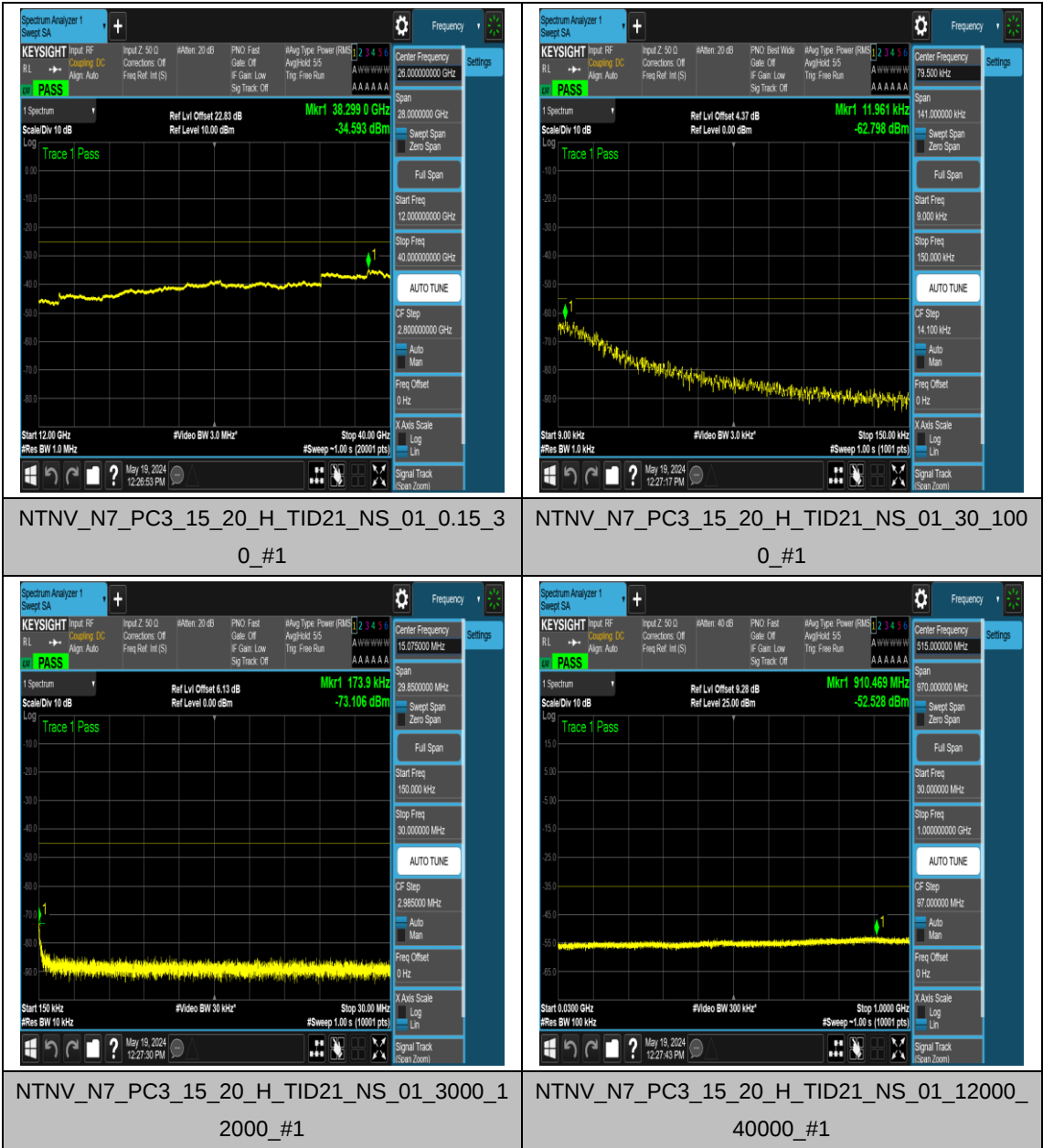


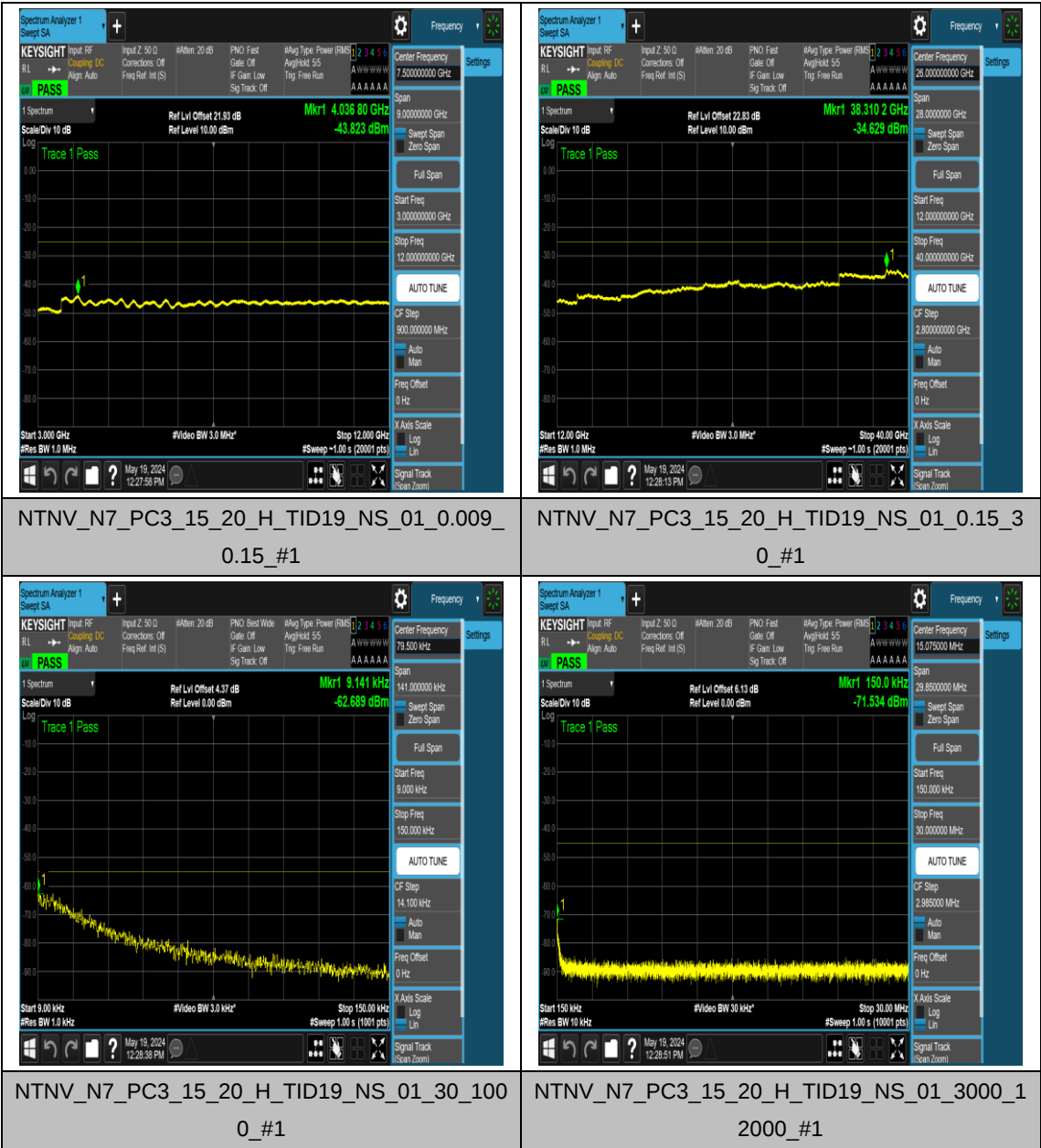


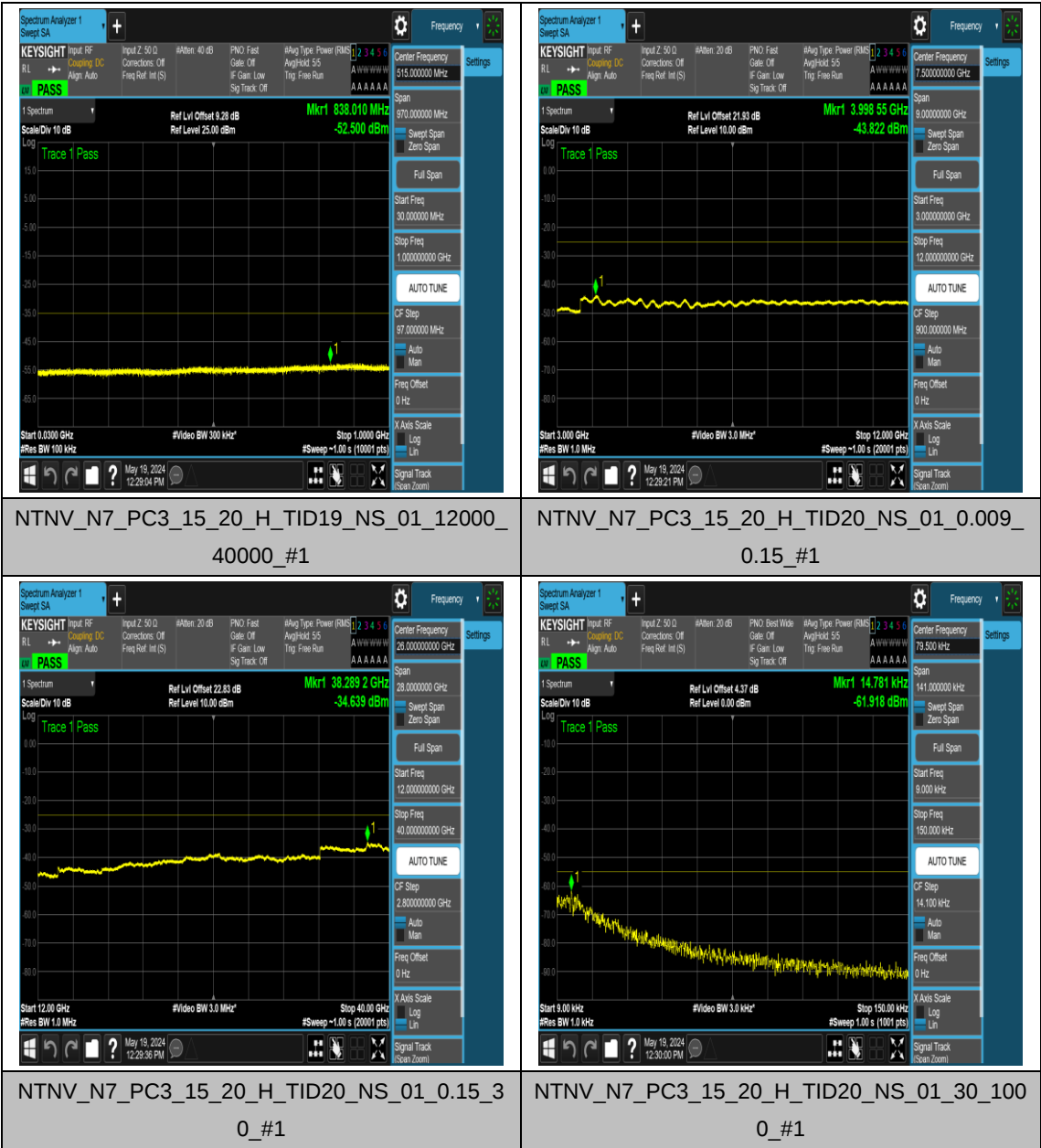


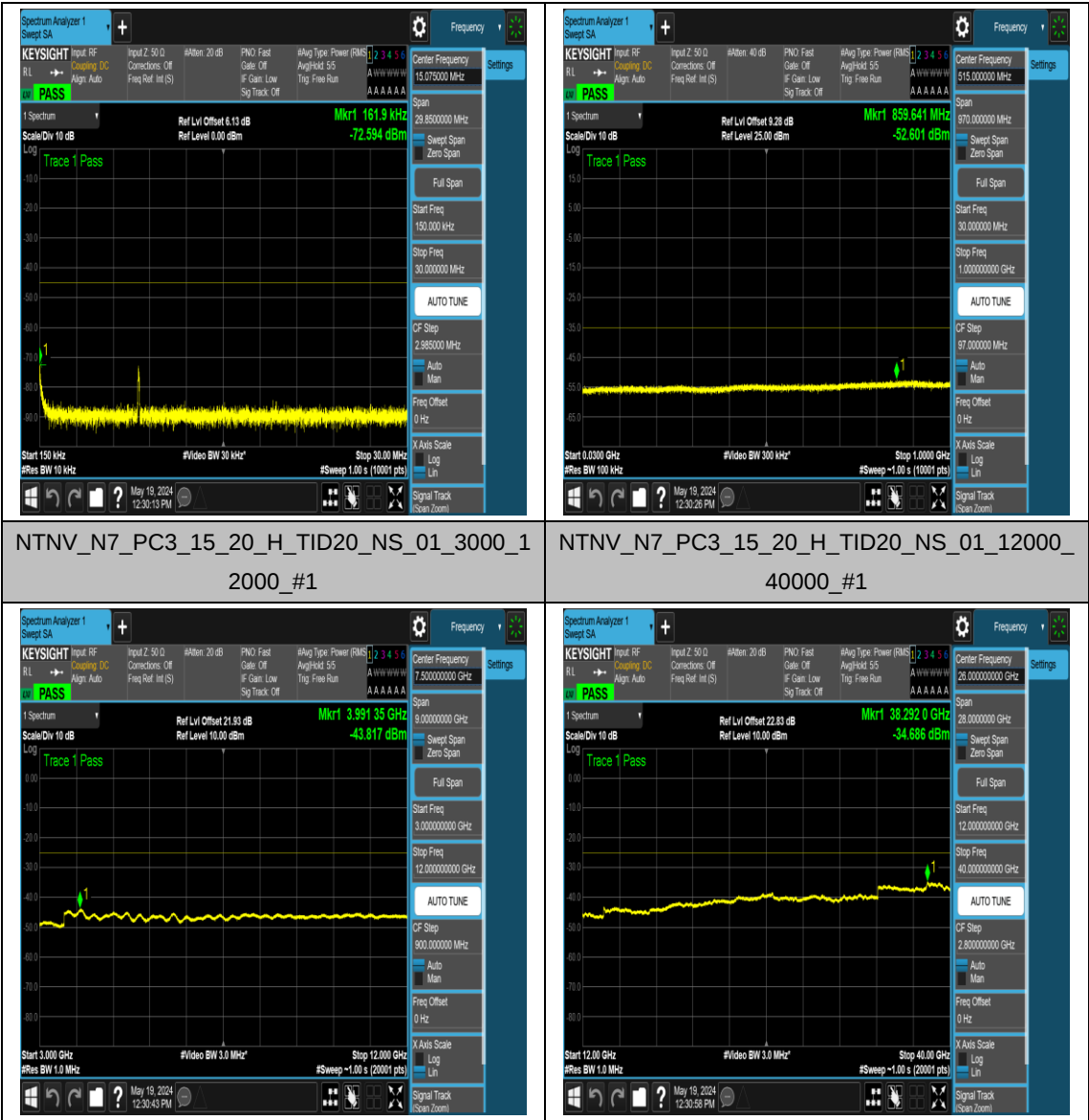












Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	5	DFT-QPSK	L	Outer_Full	VL	NT	-1.54	0.00	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-1.81	0.00	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-1.11	0.00	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	VL	NT	-6.24	0.00	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	VN	NT	0.25	0.00	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	VH	NT	-5.02	0.00	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VL	NT	-3.87	0.00	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VN	NT	0.02	0.00	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	VH	NT	-0.40	0.00	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	VL	NT	-0.06	0.00	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	VN	NT	-4.90	0.00	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	VH	NT	0.06	0.00	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	VL	NT	2.48	0.00	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	VN	NT	4.32	0.00	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	VH	NT	5.54	0.00	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	VL	NT	2.57	0.00	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	VN	NT	-0.87	0.00	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	VH	NT	3.28	0.00	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	VL	NT	-7.11	0.00	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-2.04	0.00	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-2.10	0.00	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-0.92	0.00	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	VN	NT	-1.99	0.00	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	VH	NT	-1.17	0.00	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	VL	NT	-4.95	0.00	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	VN	NT	-4.90	0.00	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	VH	NT	-5.25	0.00	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	VL	NT	-4.12	0.00	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	VN	NT	-8.21	0.00	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	VH	NT	-2.88	0.00	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	VL	NT	-5.26	0.00	PASS

N7	15	10	DFT-QPSK	H	Outer_Full	VN	NT	-6.82	0.00	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	VH	NT	-6.58	0.00	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	VL	NT	-8.04	0.00	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	VN	NT	-1.23	0.00	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	VH	NT	-3.72	0.00	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	VL	NT	5.51	0.00	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	VN	NT	6.28	0.00	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	VH	NT	6.71	0.00	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	VL	NT	2.41	0.00	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	VN	NT	7.18	0.00	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	VH	NT	2.89	0.00	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	VL	NT	-7.20	0.00	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	VN	NT	0.43	0.00	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	VH	NT	-7.72	0.00	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	VL	NT	-2.32	0.00	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	VN	NT	-5.38	0.00	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	VH	NT	0.91	0.00	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	VL	NT	2.41	0.00	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	VN	NT	-1.39	0.00	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	VH	NT	2.23	0.00	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	VL	NT	2.45	0.00	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	VN	NT	-2.32	0.00	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	VH	NT	-1.12	0.00	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-1.02	0.00	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	VN	NT	-1.38	0.00	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	VH	NT	-1.44	0.00	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	VL	NT	-2.61	0.00	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-1.72	0.00	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	VH	NT	3.56	0.00	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	VL	NT	1.73	0.00	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	VN	NT	4.33	0.00	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	VH	NT	-3.53	0.00	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	VL	NT	-3.72	0.00	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-5.68	0.00	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	VH	NT	-4.73	0.00	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	VL	NT	0.16	0.00	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	VN	NT	1.68	0.00	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	VH	NT	1.73	0.00	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	VL	NT	3.06	0.00	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	VN	NT	2.26	0.00	PASS

N7	15	20	DFT-16QAM	H	Outer_Full	VH	NT	4.56	0.00	PASS
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Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	5	DFT-QPSK	L	Outer_Full	NV	-30	-0.643734	-0.000257	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-0.304987	-0.000122	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-3.389560	-0.001354	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	0	-1.474598	-0.000589	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	10	1.539988	0.000615	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	20	-1.891678	-0.000756	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	30	-2.050122	-0.000819	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	40	1.853716	0.000741	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	NV	50	-0.497602	-0.000199	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	-30	-1.783881	-0.000713	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	-20	-3.499207	-0.001398	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-8.531703	-0.003409	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	0	-4.127622	-0.001649	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	10	-4.257065	-0.001701	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	20	0.182075	0.000073	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	30	-0.360701	-0.000144	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	40	-1.590487	-0.000636	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	NV	50	-3.492878	-0.001396	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-30	-2.532044	-0.000999	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-20	-7.600337	-0.002998	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-1.503975	-0.000593	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	0	-1.467930	-0.000579	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	10	2.348119	0.000926	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	20	-4.019006	-0.001585	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	30	-3.835733	-0.001513	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	40	-5.936868	-0.002342	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	NV	50	-3.209135	-0.001266	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	-30	-1.850478	-0.000730	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	-20	-0.348811	-0.000138	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	-10	1.706408	0.000673	PASS

N7	15	5	DFT-16QAM	M	Outer_Full	NV	0	-7.100449	-0.002801	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	10	-3.197792	-0.001261	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	20	-0.508896	-0.000201	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	30	-9.383797	-0.003702	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	40	-2.850540	-0.001124	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	NV	50	-2.917975	-0.001151	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	-30	1.976727	0.000770	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	-20	2.606369	0.001015	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	-10	-3.581021	-0.001395	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	0	-1.464982	-0.000571	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	10	2.722987	0.001061	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	20	2.489830	0.000970	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	30	-3.129071	-0.001219	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	40	5.037158	0.001962	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	NV	50	4.587039	0.001787	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	-30	5.535087	0.002156	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	-20	5.646251	0.002199	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	-10	-1.193501	-0.000465	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	0	2.959863	0.001153	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	10	0.471635	0.000184	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	20	-2.270672	-0.000884	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	30	-5.307402	-0.002067	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	40	8.441301	0.003288	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	NV	50	1.910009	0.000744	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-1.947332	-0.000777	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	-20	0.286741	0.000114	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-5.166328	-0.002062	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	0	-12.289501	-0.004906	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	10	-2.212403	-0.000883	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	20	-4.346408	-0.001735	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	30	-5.712220	-0.002280	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	40	-0.752509	-0.000300	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	NV	50	-6.806819	-0.002717	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-6.178849	-0.002467	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	-20	1.667002	0.000665	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	-10	-2.620201	-0.001046	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	0	0.359570	0.000144	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	10	-1.893749	-0.000756	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	20	-8.005254	-0.003196	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	30	-3.214951	-0.001283	PASS

N7	15	10	DFT-16QAM	L	Outer_Full	NV	40	-6.136182	-0.002450	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	NV	50	-0.283980	-0.000113	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	-30	-6.100515	-0.002407	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	-20	-4.587952	-0.001810	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	-10	3.574939	0.001410	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	0	0.158638	0.000063	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	10	-5.799489	-0.002288	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	20	-6.666632	-0.002630	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	30	-1.680837	-0.000663	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	40	-6.813368	-0.002688	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	NV	50	0.146429	0.000058	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-6.851161	-0.002703	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-3.805496	-0.001501	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	-10	-4.138857	-0.001633	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	0	-7.713052	-0.003043	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	10	-6.359496	-0.002509	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	20	-4.655420	-0.001836	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	30	-8.104705	-0.003197	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	40	-1.283589	-0.000506	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	NV	50	-5.269465	-0.002079	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	-30	-8.310626	-0.003240	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	-20	-3.667421	-0.001430	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	-10	-6.479289	-0.002526	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	0	-5.148262	-0.002007	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	10	-3.299412	-0.001286	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	20	-2.849675	-0.001111	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	30	-4.502678	-0.001755	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	40	-10.420379	-0.004063	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	NV	50	-1.957972	-0.000763	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	-30	-6.343039	-0.002473	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	-20	-4.038286	-0.001574	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	-10	-3.419869	-0.001333	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	0	-2.861745	-0.001116	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	10	-7.590616	-0.002959	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	20	-1.512503	-0.000590	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	30	1.854160	0.000723	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	40	-6.570369	-0.002562	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	NV	50	-7.283617	-0.002840	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	-30	8.956961	0.003572	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-0.672491	-0.000268	PASS

N7	15	15	DFT-QPSK	L	Outer_Full	NV	-10	-0.466472	-0.000186	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	0	3.704198	0.001477	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	10	-2.426950	-0.000968	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	20	1.836011	0.000732	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	30	1.828106	0.000729	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	40	-1.216927	-0.000485	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	NV	50	3.880432	0.001548	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	-30	0.140182	0.000056	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	-20	6.022700	0.002402	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	-10	6.162714	0.002458	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	0	3.036934	0.001211	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	10	2.678023	0.001068	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	20	-1.138073	-0.000454	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	30	4.133872	0.001649	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	40	2.167809	0.000865	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	NV	50	8.107749	0.003233	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	-30	-4.934861	-0.001947	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-2.104003	-0.000830	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	-10	-8.208442	-0.003238	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	0	-6.863494	-0.002707	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	10	-2.905661	-0.001146	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	20	-2.662792	-0.001050	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	30	-3.132514	-0.001236	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	40	-3.072234	-0.001212	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	NV	50	-9.292693	-0.003666	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	-30	-3.142820	-0.001240	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	-20	-6.046369	-0.002385	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	-10	-5.465425	-0.002156	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	0	-0.751208	-0.000296	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	10	-1.075023	-0.000424	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	20	-2.460823	-0.000971	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	30	-8.957919	-0.003534	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	40	-1.779466	-0.000702	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	NV	50	-5.993021	-0.002364	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	-30	2.221663	0.000867	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	-20	1.662966	0.000649	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	-10	-4.303631	-0.001679	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	0	-4.619764	-0.001803	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	10	-0.653071	-0.000255	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	20	-5.786076	-0.002258	PASS

N7	15	15	DFT-QPSK	H	Outer_Full	NV	30	-4.768619	-0.001861	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	40	-0.539757	-0.000211	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	NV	50	-4.510282	-0.001760	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	-30	-3.751705	-0.001464	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	-20	1.912406	0.000746	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-5.762328	-0.002249	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	0	-4.128623	-0.001611	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	10	1.825989	0.000713	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	20	-3.513546	-0.001371	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	30	-2.376563	-0.000927	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	40	-3.652092	-0.001425	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	NV	50	-2.199209	-0.000858	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	-30	1.372585	0.000547	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	-20	0.300158	0.000120	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	-10	-0.816897	-0.000325	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	0	-0.324564	-0.000129	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	10	-0.698749	-0.000278	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	20	0.552793	0.000220	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	30	-3.294250	-0.001312	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	40	2.038125	0.000812	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	NV	50	3.686944	0.001469	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	-30	-0.249126	-0.000099	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	-20	0.581793	0.000232	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	-10	2.327457	0.000927	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	0	-0.002639	-0.000001	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	10	3.168263	0.001262	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	20	2.979928	0.001187	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	30	0.335154	0.000134	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	40	0.364890	0.000145	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	NV	50	-0.877838	-0.000350	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-0.962003	-0.000379	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-20	-2.780270	-0.001097	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-1.511695	-0.000596	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	0	-3.497335	-0.001380	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	10	-1.753021	-0.000692	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	20	-3.434919	-0.001355	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	30	-2.624260	-0.001035	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	40	-5.527125	-0.002180	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	NV	50	-1.425783	-0.000562	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	-30	-8.973518	-0.003540	PASS

N7	15	20	DFT-16QAM	M	Outer_Full	NV	-20	-6.085031	-0.002400	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	-10	0.892122	0.000352	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	0	-3.631285	-0.001432	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	10	-2.167789	-0.000855	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	20	-1.632956	-0.000644	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	30	-1.136086	-0.000448	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	40	-2.118541	-0.000836	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	NV	50	-4.199054	-0.001656	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	-30	3.739401	0.001461	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	-20	6.332087	0.002473	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	-10	3.697185	0.001444	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	0	4.857614	0.001898	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	10	2.469918	0.000965	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	20	6.305602	0.002463	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	30	1.006866	0.000393	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	40	4.659682	0.001820	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	NV	50	3.694420	0.001443	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	-30	2.184595	0.000853	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	-20	1.388628	0.000542	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	-10	0.951390	0.000372	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	0	5.389853	0.002105	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	10	3.534183	0.001381	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	20	1.943960	0.000759	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	30	3.923681	0.001533	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	40	5.017895	0.001960	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	NV	50	0.570408	0.000223	PASS