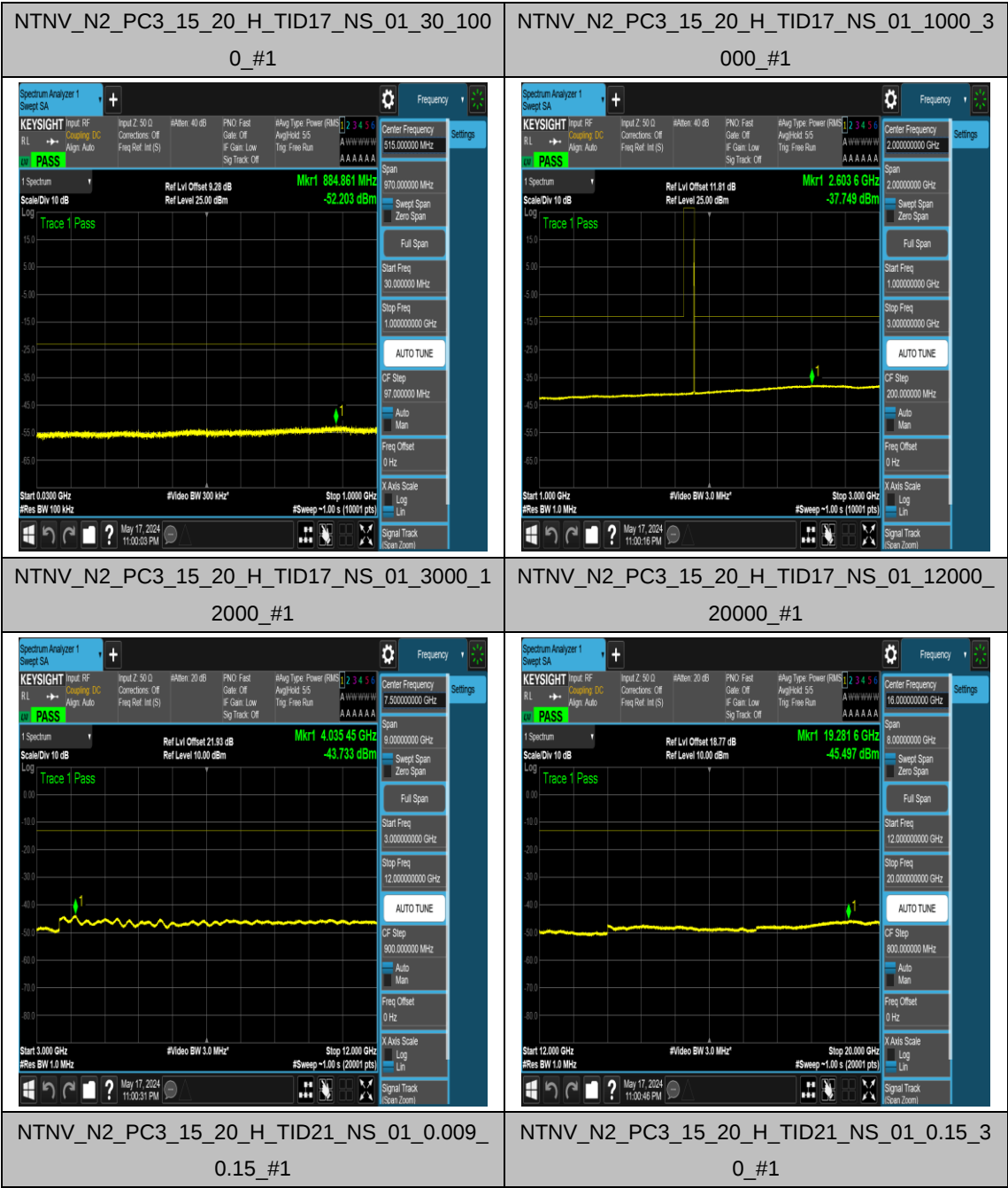
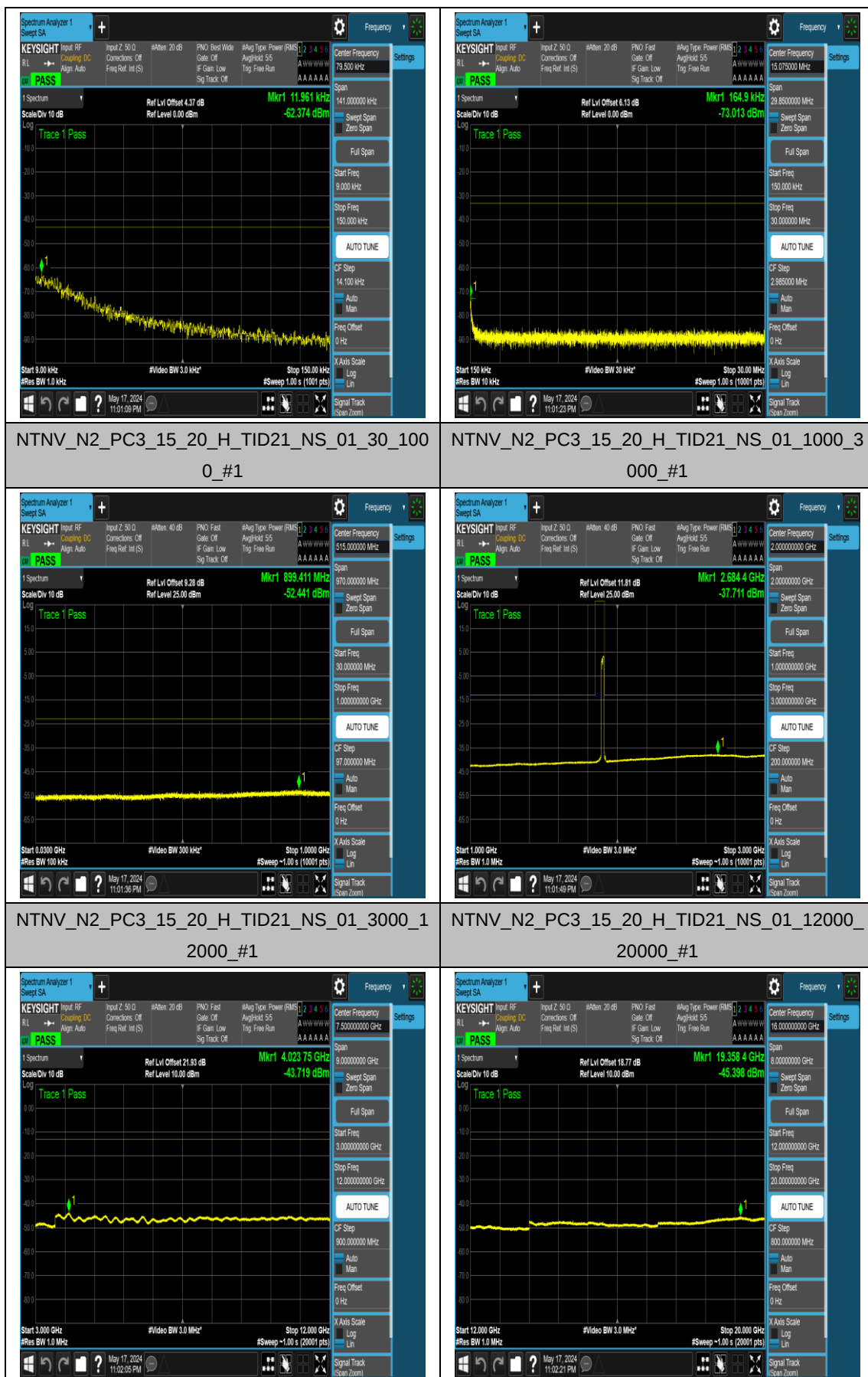
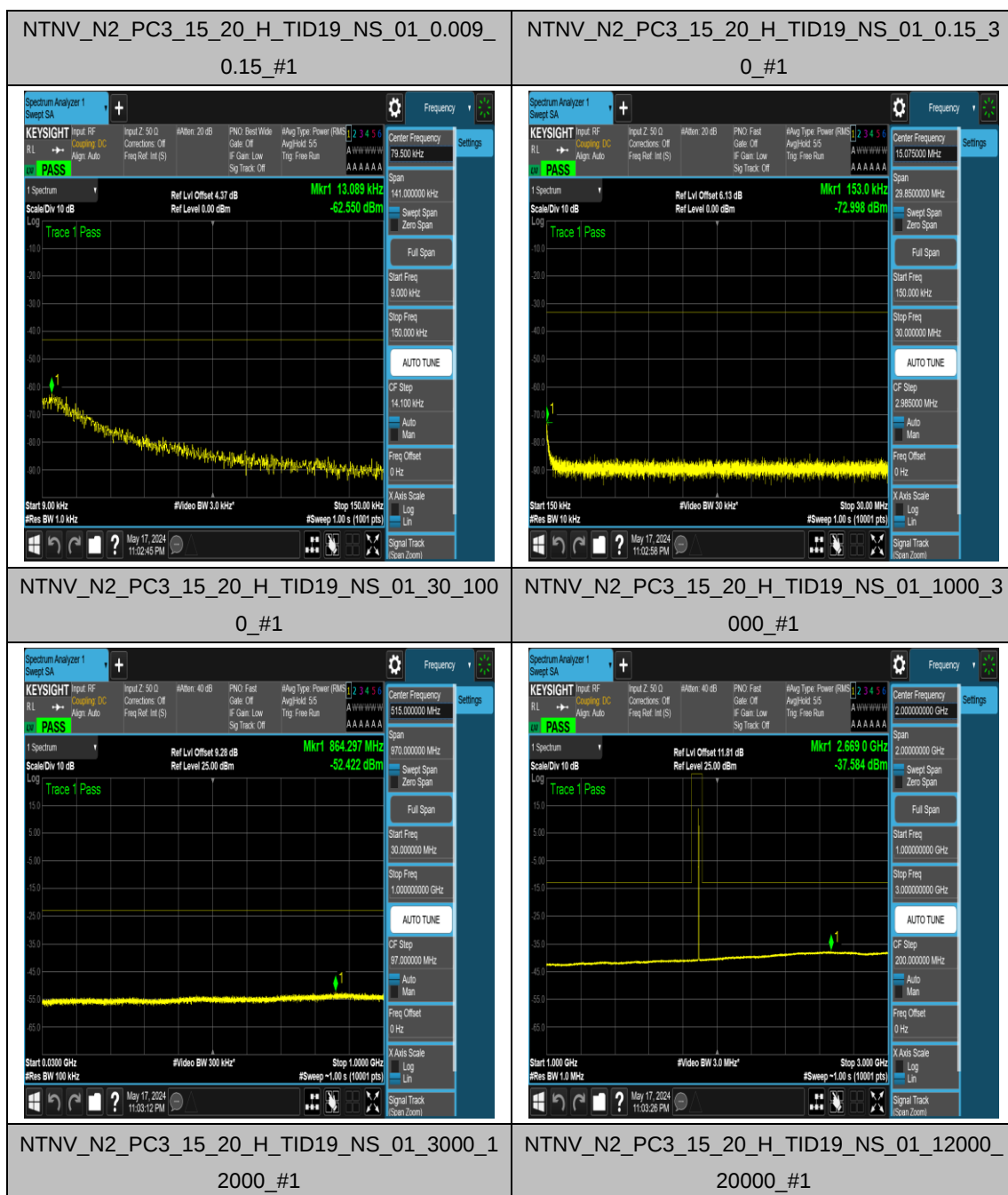
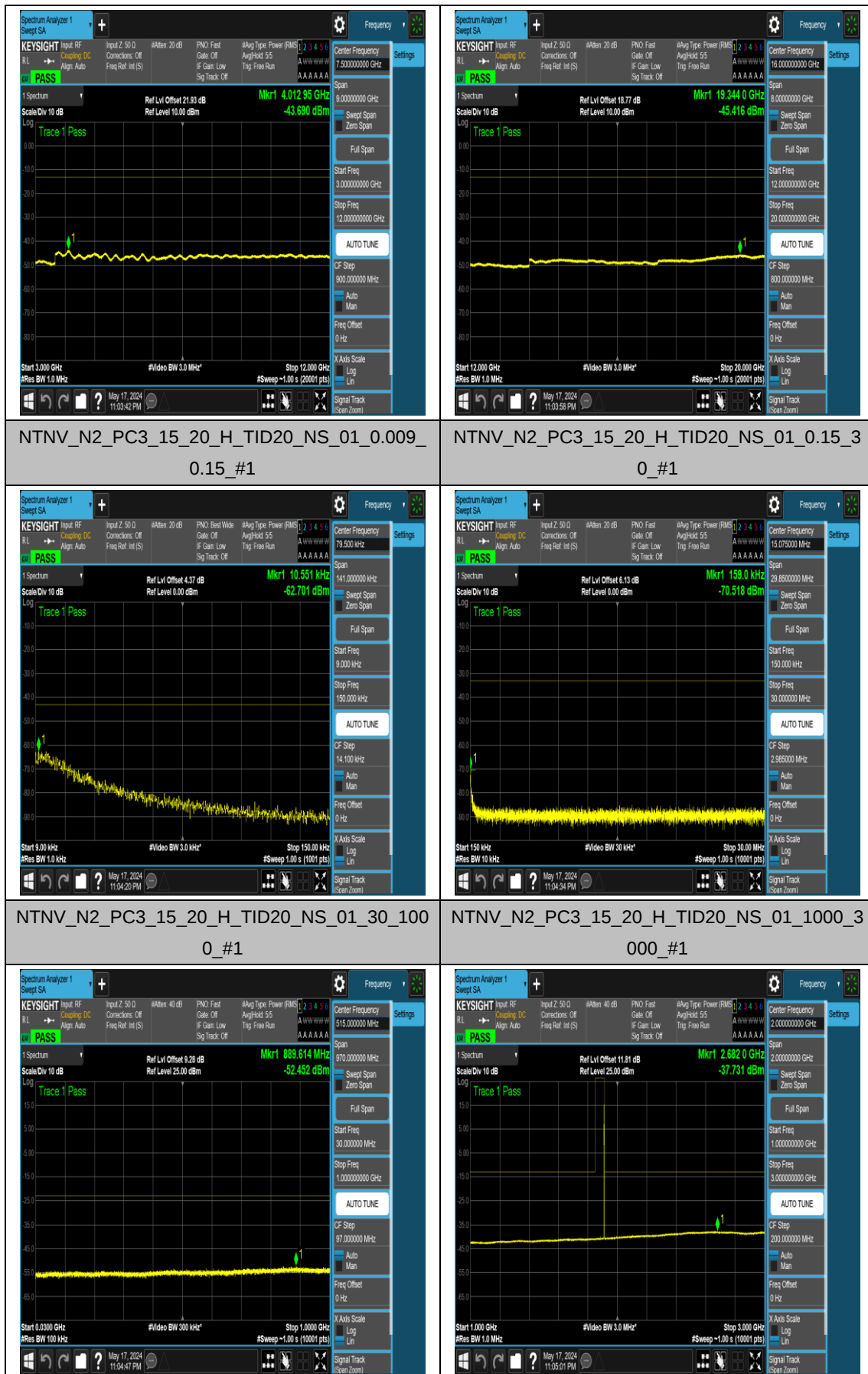
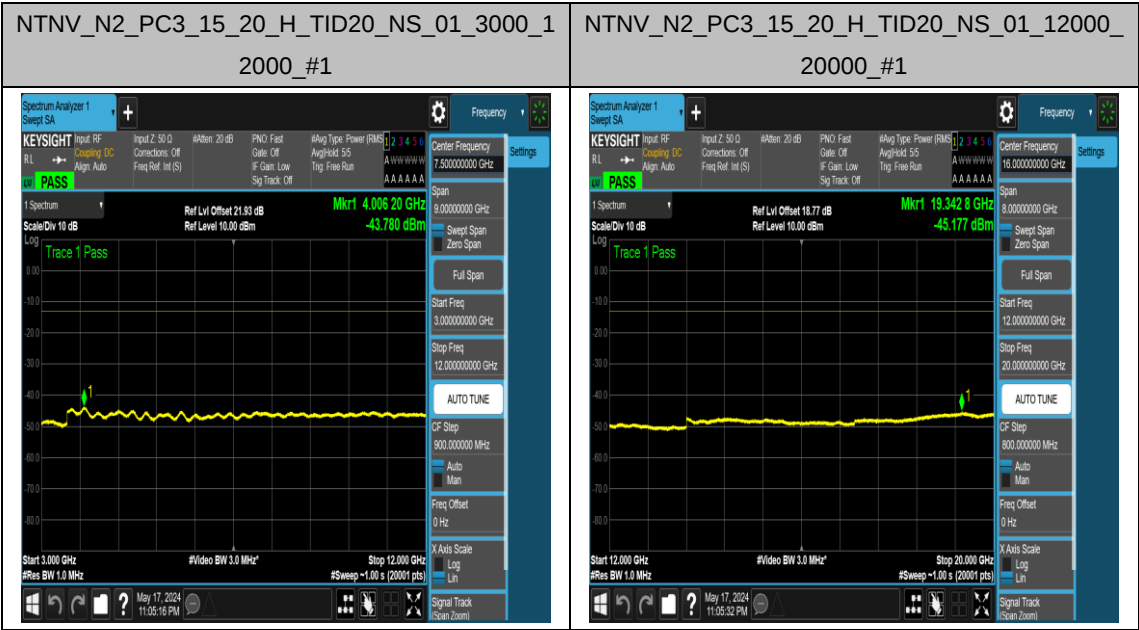












Appendix F: Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	5	DFT-QPSK	L	Outer_Full	VL	NT	-2.07	0.00	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	VN	NT	-3.17	0.00	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	VH	NT	-10.39	-0.01	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VL	NT	-8.94	0.00	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VN	NT	-4.68	0.00	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	VH	NT	-2.40	0.00	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VL	NT	1.29	0.00	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VN	NT	3.30	0.00	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	VH	NT	2.21	0.00	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VL	NT	4.03	0.00	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VN	NT	4.27	0.00	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	VH	NT	1.45	0.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VL	NT	2.56	0.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VN	NT	-0.27	0.00	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	VH	NT	-0.14	0.00	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VL	NT	1.07	0.00	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VN	NT	-2.36	0.00	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	VH	NT	0.49	0.00	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VL	NT	-1.85	0.00	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VN	NT	-3.12	0.00	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	VH	NT	-3.59	0.00	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VL	NT	-4.19	0.00	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VN	NT	-3.74	0.00	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	VH	NT	-3.51	0.00	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VL	NT	5.72	0.00	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VN	NT	2.81	0.00	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	VH	NT	4.64	0.00	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VL	NT	2.06	0.00	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VN	NT	3.54	0.00	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	VH	NT	5.45	0.00	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	VL	NT	-0.74	0.00	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	VN	NT	2.26	0.00	PASS

N2	15	10	DFT-QPSK	H	Outer_Full	VH	NT	1.81	0.00	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VL	NT	-0.08	0.00	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VN	NT	1.01	0.00	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	VH	NT	1.50	0.00	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VL	NT	-1.47	0.00	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VN	NT	2.83	0.00	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	VH	NT	-1.04	0.00	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VL	NT	-0.74	0.00	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VN	NT	1.84	0.00	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	VH	NT	-0.12	0.00	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VL	NT	4.34	0.00	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VN	NT	-1.24	0.00	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	VH	NT	2.15	0.00	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VL	NT	2.26	0.00	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VN	NT	1.04	0.00	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	VH	NT	2.10	0.00	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VL	NT	0.01	0.00	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VN	NT	0.71	0.00	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	VH	NT	0.51	0.00	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VL	NT	-0.41	0.00	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VN	NT	0.91	0.00	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	VH	NT	3.83	0.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VL	NT	-3.40	0.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VN	NT	0.75	0.00	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	VH	NT	2.38	0.00	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VL	NT	0.49	0.00	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VN	NT	-1.52	0.00	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	VH	NT	-0.74	0.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VL	NT	-6.72	0.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VN	NT	-3.65	0.00	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	VH	NT	3.18	0.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VL	NT	3.81	0.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VN	NT	-2.52	0.00	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	VH	NT	0.40	0.00	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VL	NT	-1.85	0.00	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VN	NT	-2.69	0.00	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	VH	NT	-3.62	0.00	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VL	NT	-2.70	0.00	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VN	NT	-0.57	0.00	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	VH	NT	-5.97	0.00	PASS

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	5	DFT-QPSK	L	Outer_Full	NV	-30	-4.831213	-0.002608	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	-20	-8.857042	-0.004781	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	-10	-3.499830	-0.001889	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	0	-6.617819	-0.003572	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	10	-1.857338	-0.001003	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	20	-6.322581	-0.003413	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	30	-2.385252	-0.001288	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	40	-7.452402	-0.004023	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	NV	50	-7.523312	-0.004061	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-30	-3.148836	-0.001700	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-20	-5.190840	-0.002802	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	-10	-5.121219	-0.002764	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	0	-9.304569	-0.005023	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	10	-1.308503	-0.000706	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	20	-7.749983	-0.004184	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	30	-4.621834	-0.002495	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	40	-3.294911	-0.001779	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	NV	50	-3.524953	-0.001903	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-30	2.243691	0.001193	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-20	2.030891	0.001080	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	-10	-1.989733	-0.001058	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	0	2.244044	0.001194	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	10	0.928454	0.000494	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	20	0.027286	0.000015	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	30	0.875365	0.000466	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	40	5.693896	0.003029	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	NV	50	2.440973	0.001298	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-30	0.719064	0.000382	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-20	1.119367	0.000595	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	-10	1.847016	0.000982	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	0	3.006646	0.001599	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	10	0.219495	0.000117	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	20	1.609328	0.000856	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	30	3.158989	0.001680	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	NV	40	4.362861	0.002321	PASS

N2	15	5	DFT-16QAM	M	Outer_Full	NV	50	-0.174920	-0.000093	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	-30	-6.013651	-0.003153	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	-20	-1.728197	-0.000906	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	-10	-1.083100	-0.000568	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	0	-2.290281	-0.001201	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	10	-3.003624	-0.001575	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	20	3.427622	0.001797	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	30	0.551583	0.000289	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	40	-3.463384	-0.001816	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	NV	50	-3.793162	-0.001989	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-30	0.967124	0.000507	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-20	3.261945	0.001710	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	-10	-2.555285	-0.001340	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	0	1.453871	0.000762	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	10	-1.306613	-0.000685	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	20	3.573193	0.001873	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	30	-0.436955	-0.000229	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	40	-2.767229	-0.001451	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	NV	50	-2.572816	-0.001349	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-30	-5.801274	-0.003127	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-20	0.442206	0.000238	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	-10	-3.802796	-0.002050	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	0	-3.735271	-0.002014	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	10	-5.274798	-0.002844	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	20	-0.158695	-0.000086	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	30	-0.466621	-0.000252	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	40	-2.443846	-0.001317	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	NV	50	-5.357471	-0.002888	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-30	-3.335213	-0.001798	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-20	-2.126986	-0.001147	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	-10	-5.208343	-0.002808	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	0	0.265145	0.000143	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	10	2.044903	0.001102	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	20	-3.256312	-0.001755	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	30	-0.535937	-0.000289	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	40	-4.450822	-0.002399	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	NV	50	-6.277414	-0.003384	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-30	2.462273	0.001310	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-20	0.766616	0.000408	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	-10	3.137233	0.001669	PASS

N2	15	10	DFT-QPSK	M	Outer_Full	NV	0	0.102471	0.000055	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	10	5.036055	0.002679	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	20	3.524346	0.001875	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	30	2.920350	0.001553	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	40	5.236179	0.002785	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	NV	50	1.129285	0.000601	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-30	-1.590982	-0.000846	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-20	-2.913222	-0.001550	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	-10	2.545471	0.001354	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	0	5.378416	0.002861	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	10	2.584894	0.001375	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	20	1.001493	0.000533	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	30	0.900841	0.000479	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	40	2.538741	0.001350	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	NV	50	-2.184676	-0.001162	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-30	-3.670240	-0.001927	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-20	-2.212155	-0.001161	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	-10	-0.342630	-0.000180	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	0	-2.890445	-0.001517	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	10	1.447486	0.000760	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	20	-5.844368	-0.003068	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	30	-3.680170	-0.001932	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	40	-1.620155	-0.000850	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	NV	50	-0.173544	-0.000091	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-30	-4.405119	-0.002312	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-20	0.921108	0.000484	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	-10	-1.323852	-0.000695	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	0	0.132241	0.000069	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	10	0.426778	0.000224	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	20	-3.563234	-0.001870	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	30	-0.665487	-0.000349	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	40	0.551267	0.000289	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	NV	50	-2.169492	-0.001139	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-30	1.629653	0.000877	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-20	-0.179411	-0.000097	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	-10	0.955331	0.000514	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	0	-0.061712	-0.000033	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	10	0.304620	0.000164	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	20	1.513870	0.000815	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	30	2.659459	0.001432	PASS

N2	15	15	DFT-QPSK	L	Outer_Full	NV	40	1.019358	0.000549	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	NV	50	4.650675	0.002504	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	-30	1.380221	0.000743	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	-20	2.156446	0.001161	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	-10	-5.021841	-0.002704	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	0	2.224985	0.001198	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	10	1.893758	0.001020	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	20	0.519525	0.000280	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	30	-2.758578	-0.001485	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	40	4.250583	0.002288	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	NV	50	-0.679900	-0.000366	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-30	2.509087	0.001335	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-20	-1.892007	-0.001006	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	-10	1.064499	0.000566	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	0	1.481520	0.000788	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	10	3.009087	0.001601	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	20	-0.658322	-0.000350	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	30	-0.229140	-0.000122	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	40	-2.452243	-0.001304	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	NV	50	2.310849	0.001229	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-30	3.586915	0.001908	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-20	4.804625	0.002556	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	-10	2.426532	0.001291	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	0	0.559483	0.000298	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	10	0.378166	0.000201	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	20	-1.295928	-0.000689	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	30	4.262581	0.002267	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	40	2.755745	0.001466	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	NV	50	3.964888	0.002109	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-30	2.279749	0.001198	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-20	4.186784	0.002201	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	-10	1.072588	0.000564	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	0	4.065464	0.002137	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	10	-1.821714	-0.000958	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	20	2.167408	0.001139	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	30	-0.520441	-0.000274	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	40	1.557759	0.000819	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	NV	50	2.774943	0.001459	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	-30	4.924772	0.002589	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	-20	0.509585	0.000268	PASS

N2	15	15	DFT-16QAM	H	Outer_Full	NV	-10	-3.213643	-0.001689	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	0	0.075527	0.000040	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	10	2.437077	0.001281	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	20	1.180166	0.000620	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	30	0.274859	0.000144	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	40	1.625772	0.000855	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	NV	50	1.741203	0.000915	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-30	4.247432	0.002284	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-20	3.270513	0.001758	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	-10	2.078667	0.001118	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	0	2.388082	0.001284	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	10	2.986947	0.001606	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	20	-0.264326	-0.000142	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	30	4.217134	0.002267	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	40	-1.868366	-0.001004	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	NV	50	1.787503	0.000961	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-30	2.419016	0.001301	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-20	5.341113	0.002872	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	-10	1.635979	0.000880	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	0	1.213580	0.000652	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	10	1.969664	0.001059	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	20	0.427675	0.000230	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	30	-0.172645	-0.000093	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	40	0.100228	0.000054	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	NV	50	-2.181178	-0.001173	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-30	-2.764254	-0.001470	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-20	1.314217	0.000699	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	-10	-2.201676	-0.001171	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	0	0.752484	0.000400	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	10	2.208272	0.001175	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	20	-2.860321	-0.001521	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	30	2.634563	0.001401	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	40	0.127249	0.000068	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	NV	50	-0.083541	-0.000044	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-30	3.922391	0.002086	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-20	0.234140	0.000125	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	-10	0.547285	0.000291	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	0	3.029284	0.001611	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	10	2.802046	0.001490	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	20	-5.986600	-0.003184	PASS

N2	15	20	DFT-16QAM	M	Outer_Full	NV	30	-1.571513	-0.000836	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	40	0.640815	0.000341	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	NV	50	-3.838519	-0.002042	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	-30	-3.944101	-0.002076	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	-20	-1.544453	-0.000813	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	-10	-0.172259	-0.000091	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	0	-2.797343	-0.001472	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	10	-4.090747	-0.002153	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	20	-2.591934	-0.001364	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	30	-3.675146	-0.001934	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	40	-4.545236	-0.002392	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	NV	50	1.767067	0.000930	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-30	-3.087731	-0.001625	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-20	-0.811355	-0.000427	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	-10	-5.268717	-0.002773	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	0	-1.819254	-0.000958	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	10	-3.652306	-0.001922	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	20	-2.070575	-0.001090	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	30	-3.121106	-0.001643	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	40	-1.592074	-0.000838	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	NV	50	-6.388565	-0.003362	PASS