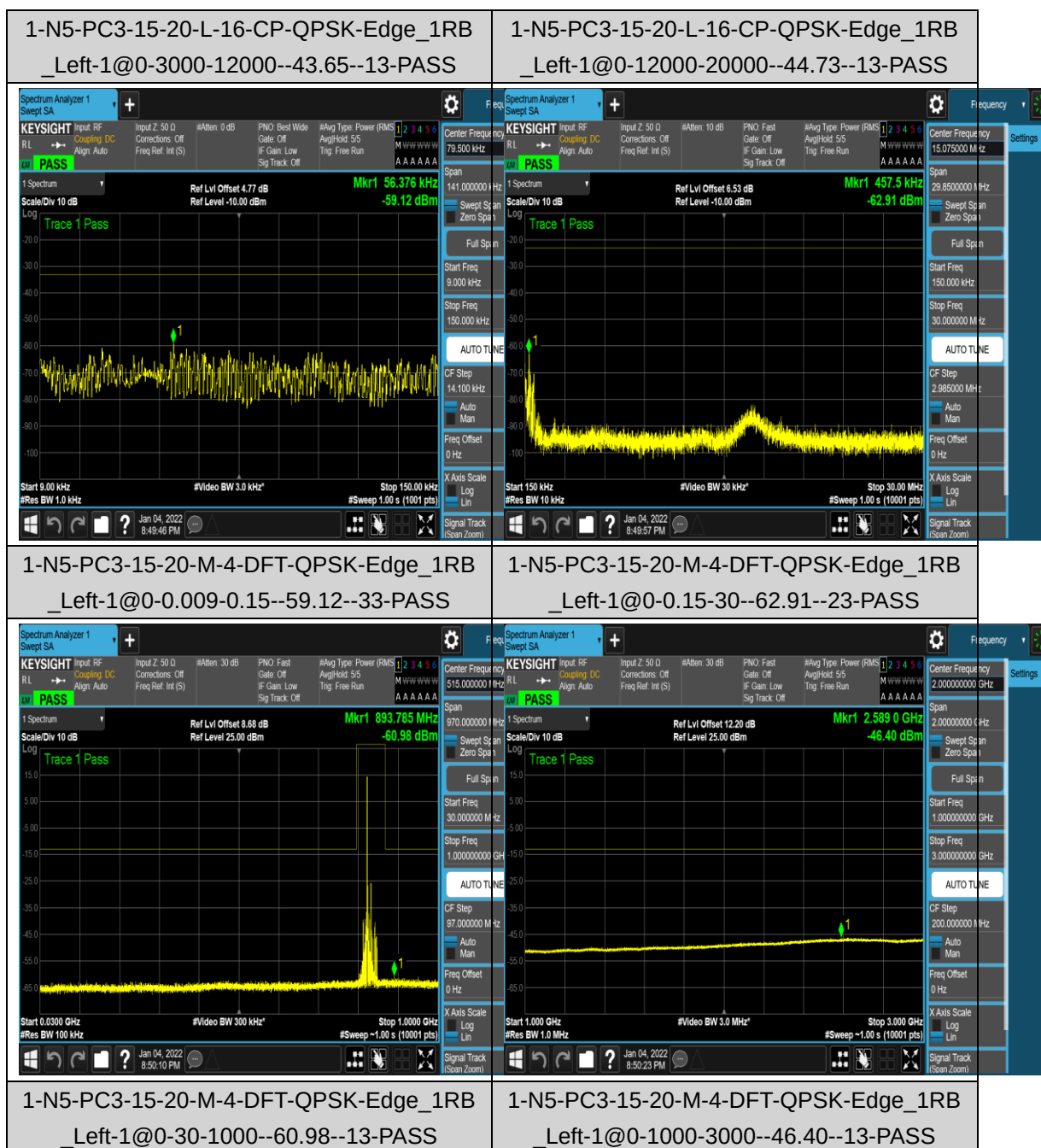
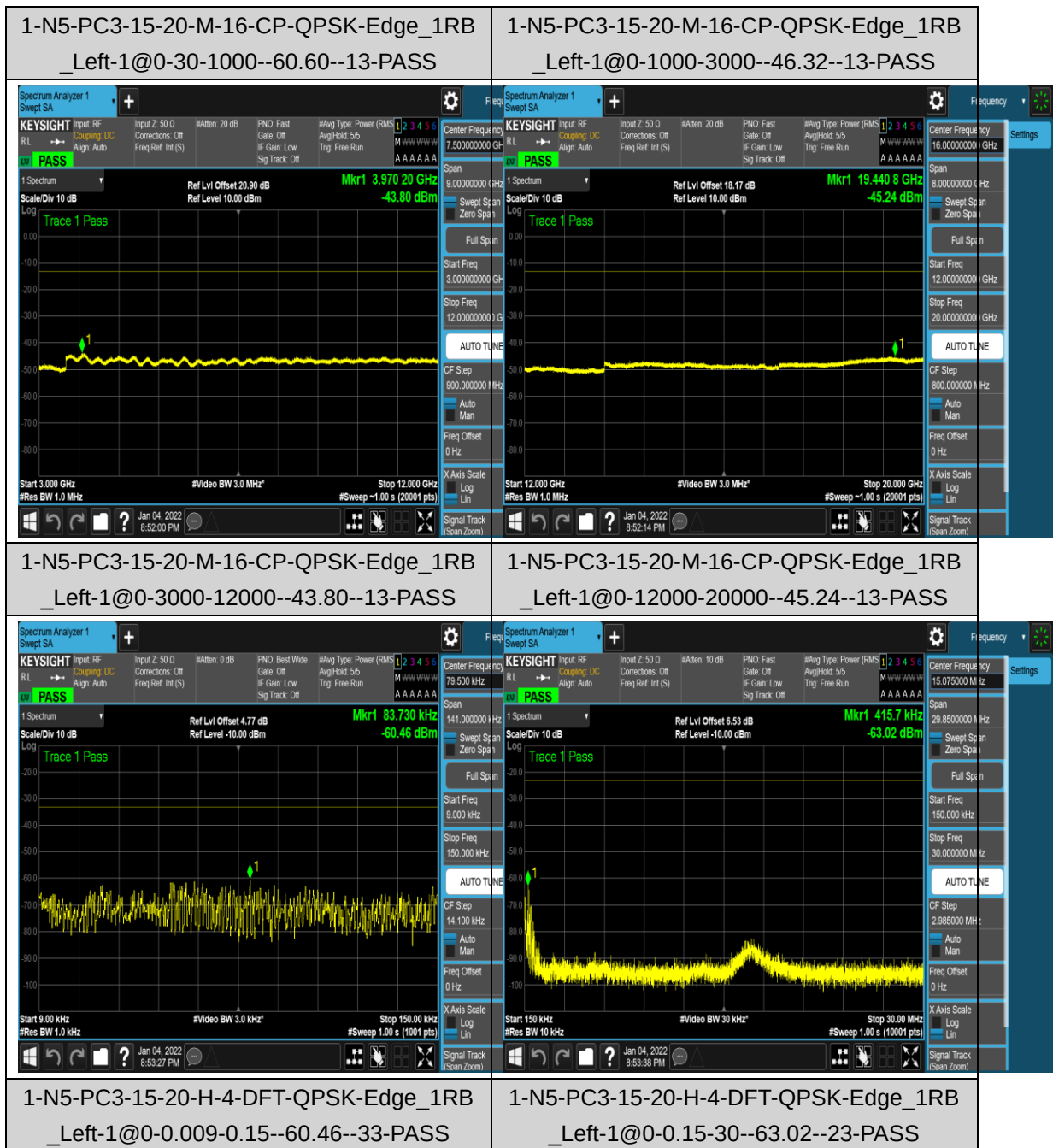
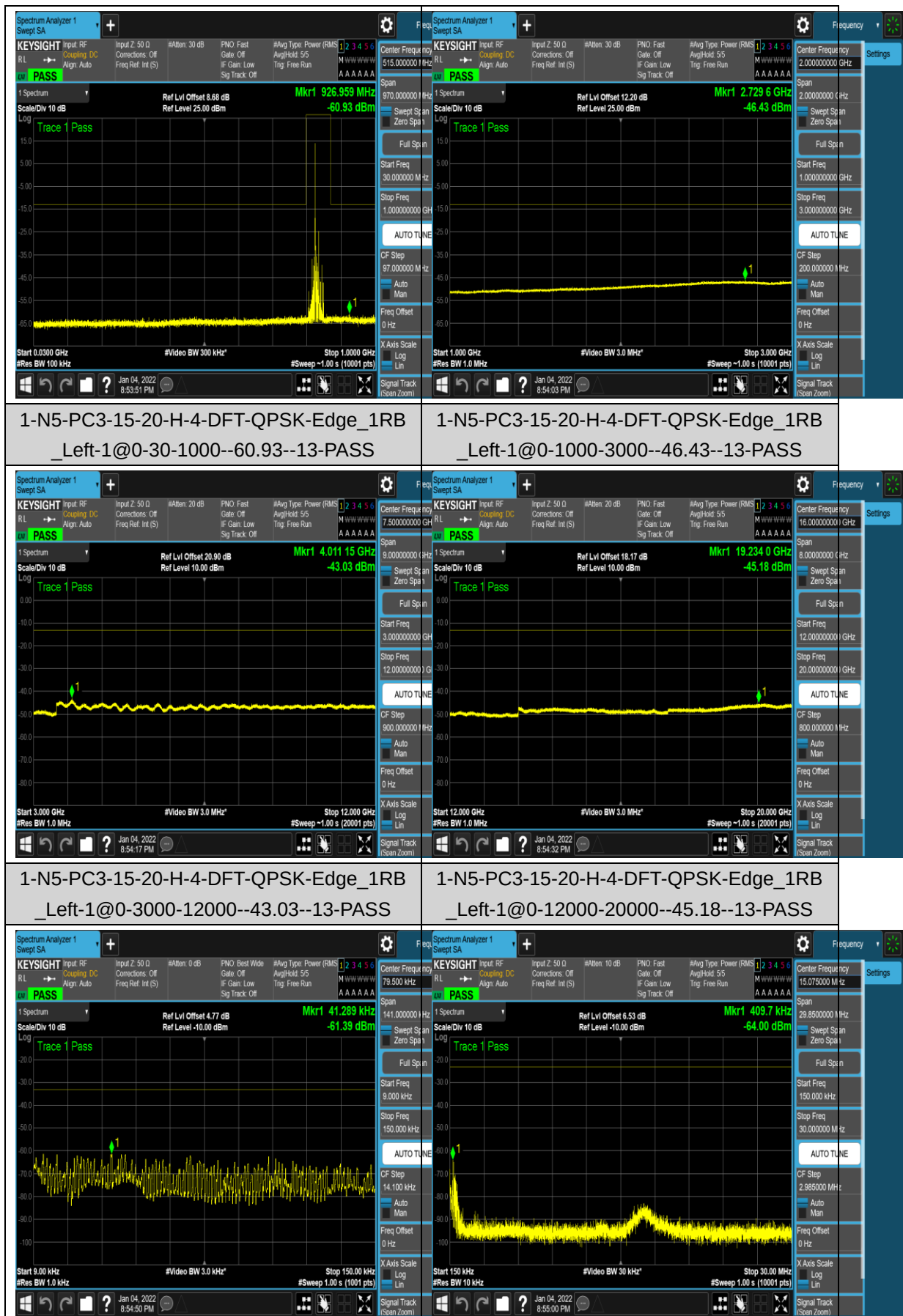
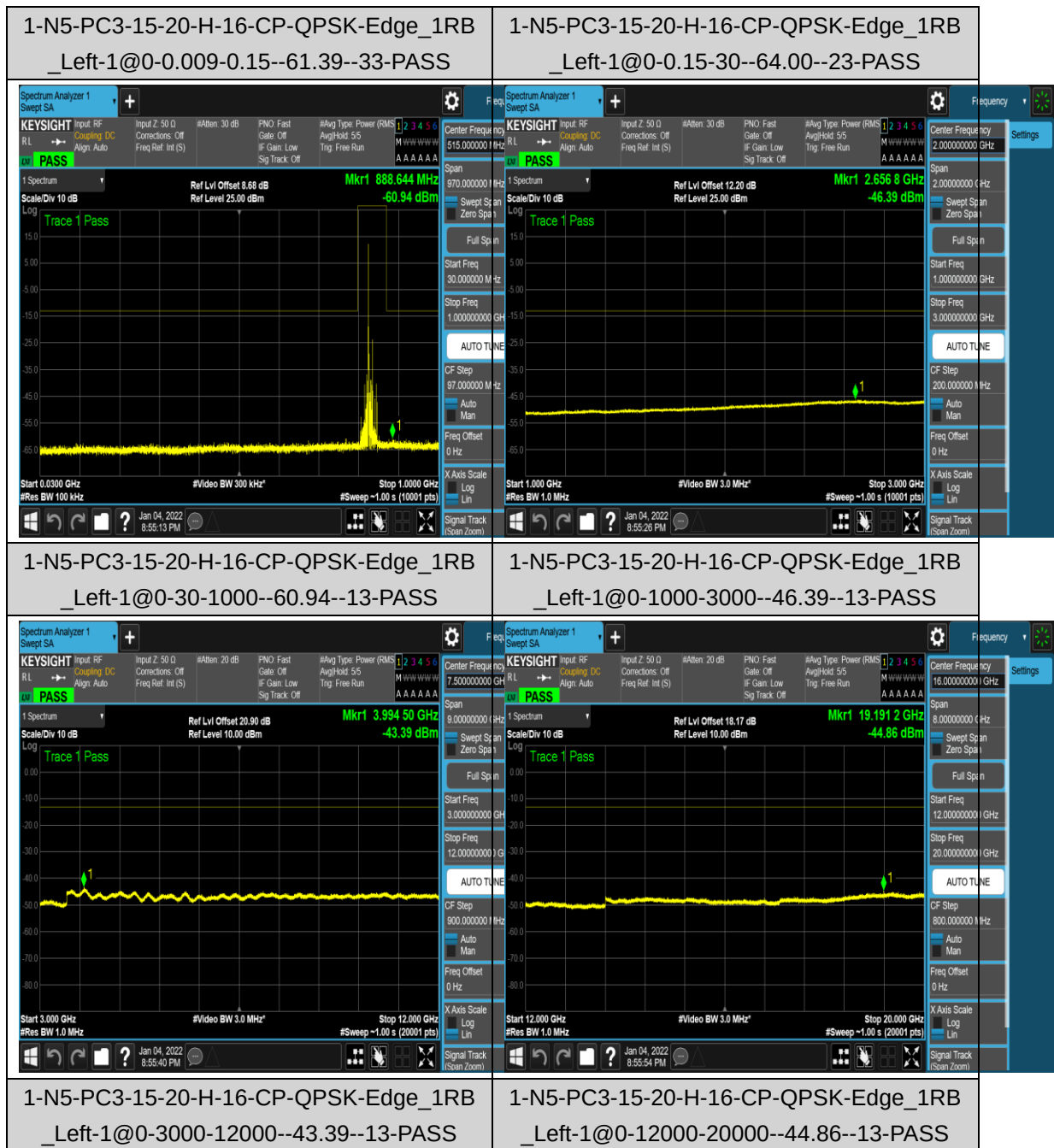










Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
N5	5MHz	DFT-QPSK	L	Outer_Full	VL	NT	2.21	0.002674	PASS
N5	5MHz	DFT-QPSK	L	Outer_Full	VN	NT	4.63	0.005601	PASS
N5	5MHz	DFT-QPSK	L	Outer_Full	VH	NT	3	0.003629	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	VL	NT	-0.3	-0.000359	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	VN	NT	-0.66	-0.000789	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	VH	NT	-1.5	-0.001793	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	VL	NT	2.85	0.003367	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	VN	NT	1.05	0.001240	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	VH	NT	4.56	0.005387	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	VL	NT	-0.42	-0.000508	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	VN	NT	2.41	0.002916	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	VH	NT	-1.81	-0.002190	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	VL	NT	1.39	0.001662	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	VN	NT	1.77	0.002116	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	VH	NT	4.74	0.005666	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	VL	NT	3.2	0.003780	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	VN	NT	-0.28	-0.000331	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	VH	NT	1.35	0.001595	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	VL	NT	-0.82	-0.000989	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	VN	NT	4	0.004825	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	VH	NT	0.33	0.000398	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	VL	NT	3.97	0.004746	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	VN	NT	0.33	0.000395	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	VH	NT	-1.73	-0.002068	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	VL	NT	2.14	0.002536	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	VN	NT	4.39	0.005201	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	VH	NT	2.16	0.002559	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	VL	NT	1.81	0.002183	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	VN	NT	4.93	0.005947	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	VH	NT	-1.29	-0.001556	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	VL	NT	3.79	0.004531	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	VN	NT	1.43	0.001710	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	VH	NT	4.59	0.005487	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	VL	NT	1.26	0.001493	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	VN	NT	3.49	0.004135	PASS

N5	10MHz	CP-QPSK	H	Outer_Full	VH	NT	4.27	0.005059	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	VL	NT	-0.13	-0.000156	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	VN	NT	4.79	0.005761	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	VH	NT	2.9	0.003488	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	VL	NT	-0.74	-0.000885	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	VN	NT	4.81	0.005750	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	VH	NT	0.73	0.000873	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	VL	NT	0.5	0.000594	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	VN	NT	3.73	0.004433	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	VH	NT	1.03	0.001224	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	VL	NT	1.62	0.001948	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	VN	NT	1.75	0.002105	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	VH	NT	0.14	0.000168	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	VL	NT	-0.16	-0.000191	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	VN	NT	-0.73	-0.000873	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	VH	NT	3.68	0.004399	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	VL	NT	2.41	0.002864	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	VN	NT	1.36	0.001616	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	VH	NT	3.56	0.004231	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	VL	NT	4.24	0.005084	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	VN	NT	3.35	0.004017	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	VH	NT	4.31	0.005168	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	VL	NT	0.11	0.000132	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	VN	NT	2.95	0.003527	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	VH	NT	0.17	0.000203	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	VL	NT	1.32	0.001573	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	VN	NT	0.74	0.000882	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	VH	NT	0.95	0.001132	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	VL	NT	3.23	0.003873	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	VN	NT	1.18	0.001415	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	VH	NT	5	0.005995	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	VL	NT	4.15	0.004961	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	VN	NT	3.02	0.003610	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	VH	NT	-0.9	-0.001076	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	VL	NT	4.27	0.005089	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	VN	NT	3.27	0.003897	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	VH	NT	2.01	0.002396	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
N5	5MHz	DFT-QPSK	L	Outer_Full	NV	-30	2.73	0.003303	PASS

N5	5MHz	DFT-QPSK	L	Outer_Full	NV	-20	2.25	0.002722	PASS
N5	5MHz	DFT-QPSK	L	Outer_Full	NV	0	-1.78	-0.002153	PASS
N5	5MHz	DFT-QPSK	L	Outer_Full	NV	10	0.07	0.000085	PASS
N5	5MHz	DFT-QPSK	L	Outer_Full	NV	20	1.56	0.001887	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	NV	-30	-1.87	-0.002236	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	NV	-20	2.33	0.002785	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	NV	0	-1.45	-0.001733	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	NV	10	3.67	0.004387	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	NV	20	4.73	0.005655	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	NV	-30	-1.12	-0.001323	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	NV	-20	4.16	0.004914	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	NV	0	2.58	0.003048	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	NV	10	3.87	0.004572	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	NV	20	3.63	0.004288	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	NV	-30	-1.62	-0.001960	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	NV	-20	3.59	0.004343	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	NV	0	0.34	0.000411	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	NV	10	-1.84	-0.002226	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	NV	20	1.66	0.002008	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	NV	-30	0.36	0.000430	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	NV	-20	3.95	0.004722	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	NV	0	-0.91	-0.001088	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	NV	10	2.73	0.003264	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	NV	20	2.49	0.002977	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	NV	-30	2.75	0.003249	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	NV	-20	0.14	0.000165	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	NV	0	4.04	0.004773	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	NV	10	2.25	0.002658	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	NV	20	4.71	0.005564	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	NV	-30	3.3	0.003981	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	NV	-20	-1.13	-0.001363	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	NV	0	-0.76	-0.000917	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	NV	10	0.07	0.000084	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	NV	20	3.68	0.004439	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	NV	-30	2.65	0.003168	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	NV	-20	1.82	0.002176	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	NV	0	0.53	0.000634	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	NV	10	-0.98	-0.001172	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	NV	20	0.46	0.000550	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	NV	-30	3.42	0.004052	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	NV	-20	-0.15	-0.000178	PASS

N5	10MHz	DFT-QPSK	H	Outer_Full	NV	0	1.94	0.002299	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	NV	10	-0.81	-0.000960	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	NV	20	-0.72	-0.000853	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	NV	-30	2.67	0.003221	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	NV	-20	3.2	0.003860	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	NV	0	3.26	0.003932	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	NV	10	0.6	0.000724	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	NV	20	0.38	0.000458	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	NV	-30	3.07	0.003670	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	NV	-20	-0.25	-0.000299	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	NV	0	3.18	0.003802	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	NV	10	0.82	0.000980	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	NV	20	4.24	0.005069	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	NV	-30	2.34	0.002773	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	NV	-20	3.14	0.003720	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	NV	0	-1.58	-0.001872	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	NV	10	-1.14	-0.001351	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	NV	20	4.68	0.005545	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	NV	-30	3.4	0.004089	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	NV	-20	0.04	0.000048	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	NV	0	2.99	0.003596	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	NV	10	4.33	0.005207	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	NV	20	-1.76	-0.002117	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	NV	-30	3.55	0.004244	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	NV	-20	-1.75	-0.002092	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	NV	0	2.5	0.002989	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	NV	10	-1.52	-0.001817	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	NV	20	-0.11	-0.000132	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	NV	-30	4.04	0.004801	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	NV	-20	-1.01	-0.001200	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	NV	0	-1.04	-0.001236	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	NV	10	-1.28	-0.001521	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	NV	20	-0.54	-0.000642	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	NV	-30	-1.89	-0.002273	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	NV	-20	4	0.004811	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	NV	0	3.13	0.003764	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	NV	10	-1.95	-0.002345	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	NV	20	1.09	0.001311	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	NV	-30	4.85	0.005798	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	NV	-20	2.77	0.003311	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	NV	0	-1.28	-0.001530	PASS

N5	15MHz	CP-QPSK	M	Outer_Full	NV	10	-1.36	-0.001626	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	NV	20	3.82	0.004567	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	NV	-30	0.05	0.000059	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	NV	-20	-0.52	-0.000618	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	NV	0	0.4	0.000475	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	NV	10	-0.79	-0.000939	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	NV	20	0.91	0.001081	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	NV	-30	-0.93	-0.001115	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	NV	-20	3.69	0.004424	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	NV	0	4.29	0.005144	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	NV	10	-0.45	-0.000540	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	NV	20	0.91	0.001091	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	NV	-30	-1.77	-0.002116	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	NV	-20	-1.51	-0.001805	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	NV	0	0.71	0.000849	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	NV	10	1.9	0.002271	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	NV	20	0.68	0.000813	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	NV	-30	-1.33	-0.001585	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	NV	-20	-0.22	-0.000262	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	NV	0	2.08	0.002479	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	NV	10	-0.15	-0.000179	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	NV	20	0.97	0.001156	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	NV	-30	-0.66	-0.000791	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	NV	-20	3.02	0.003621	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	NV	0	3.18	0.003813	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	NV	10	1.08	0.001295	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	NV	20	0.33	0.000396	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	NV	-30	1.68	0.002008	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	NV	-20	3.01	0.003598	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	NV	0	2.2	0.002630	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	NV	10	3.1	0.003706	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	NV	20	4.98	0.005953	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	NV	-30	0.9	0.001073	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	NV	-20	3.88	0.004625	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	NV	0	3.33	0.003969	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	NV	10	0.08	0.000095	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	NV	20	1.48	0.001764	PASS