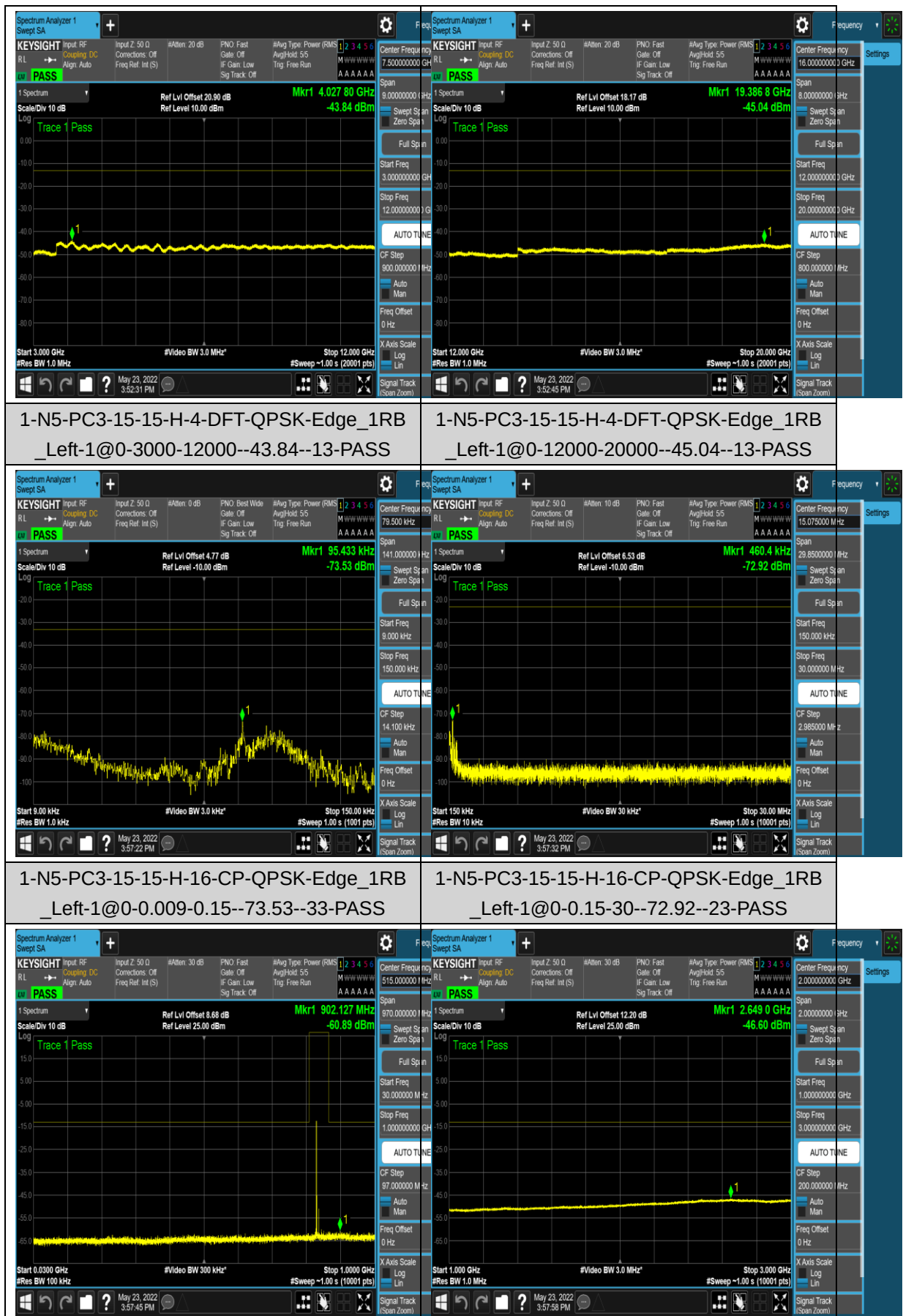
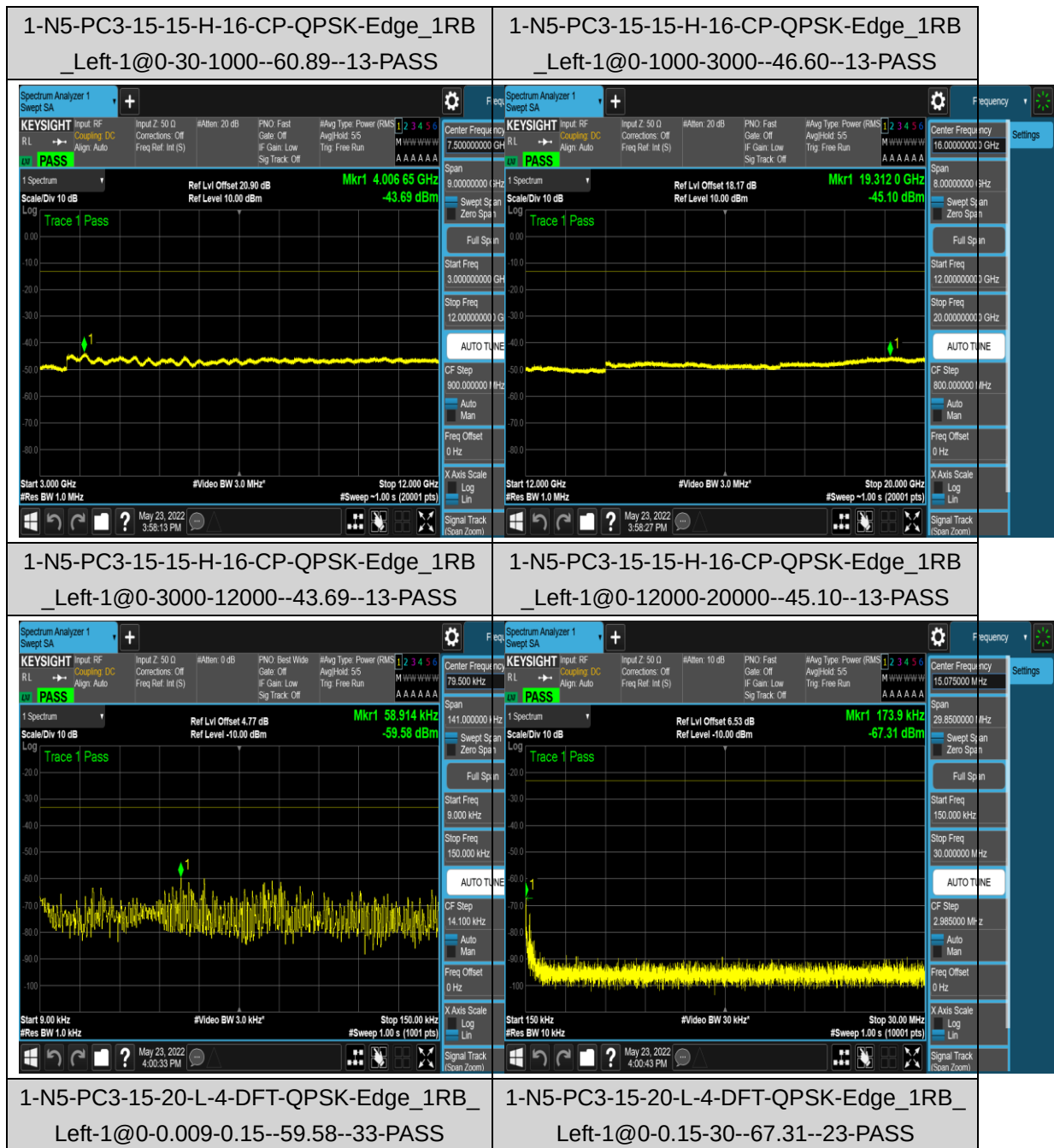
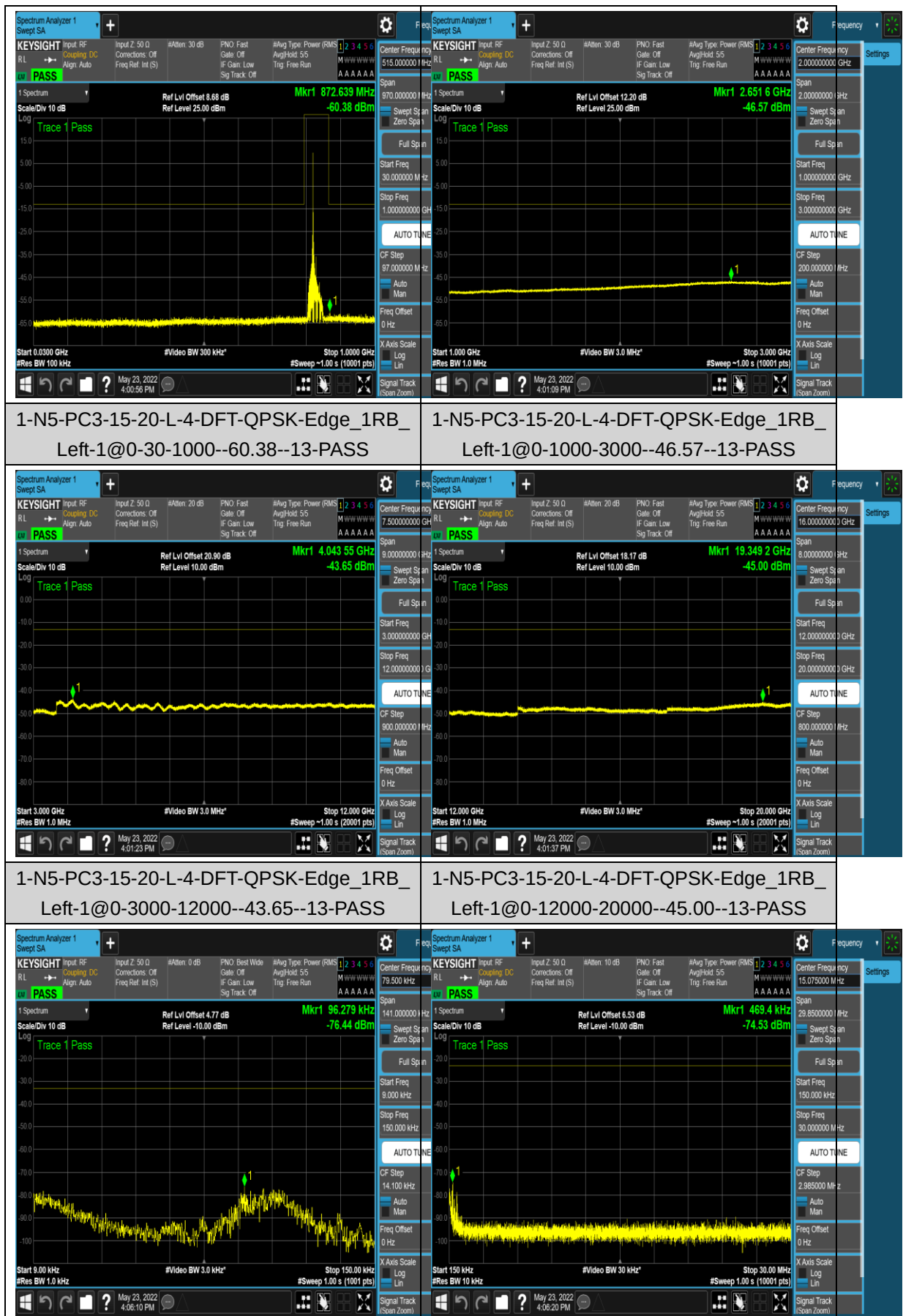
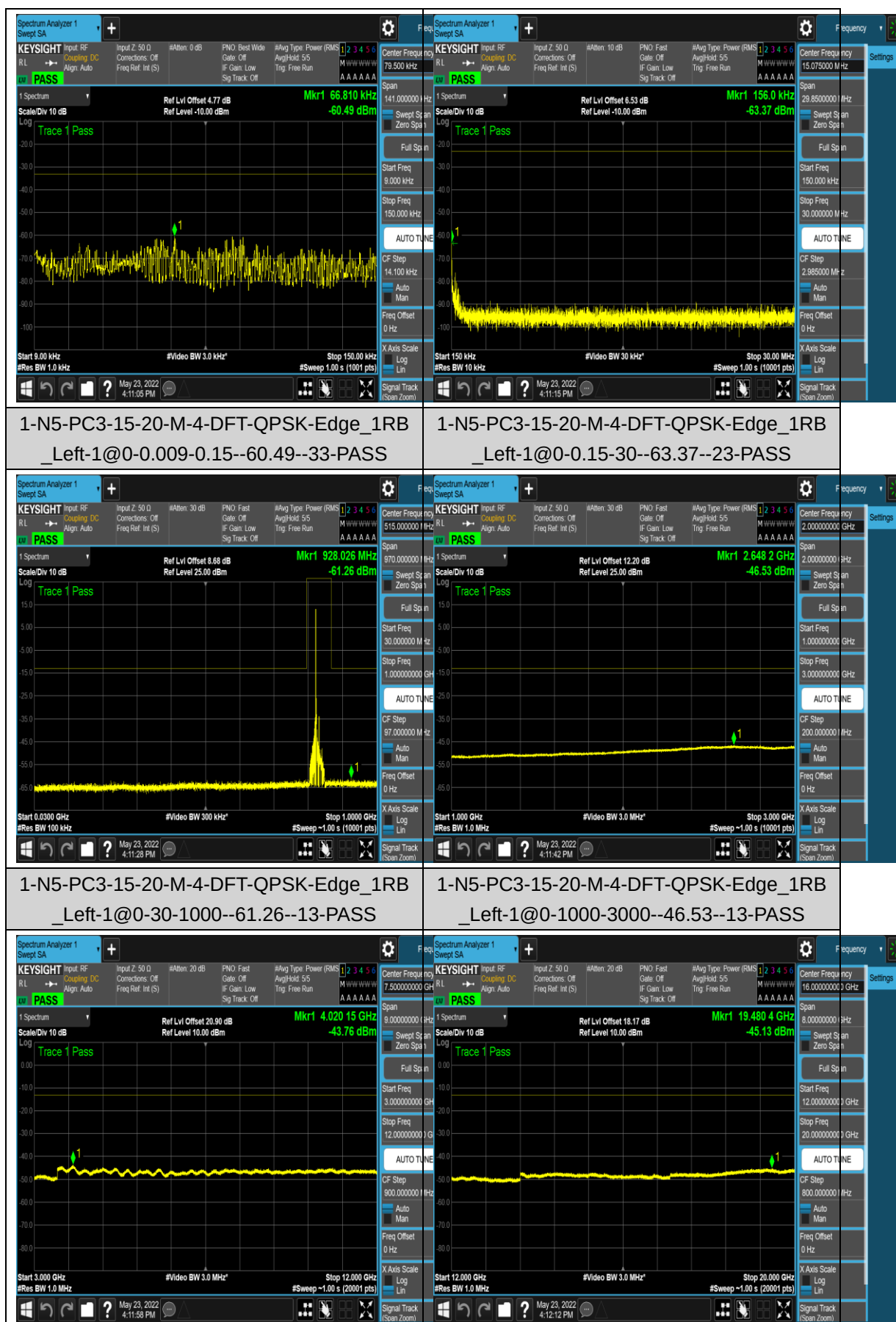


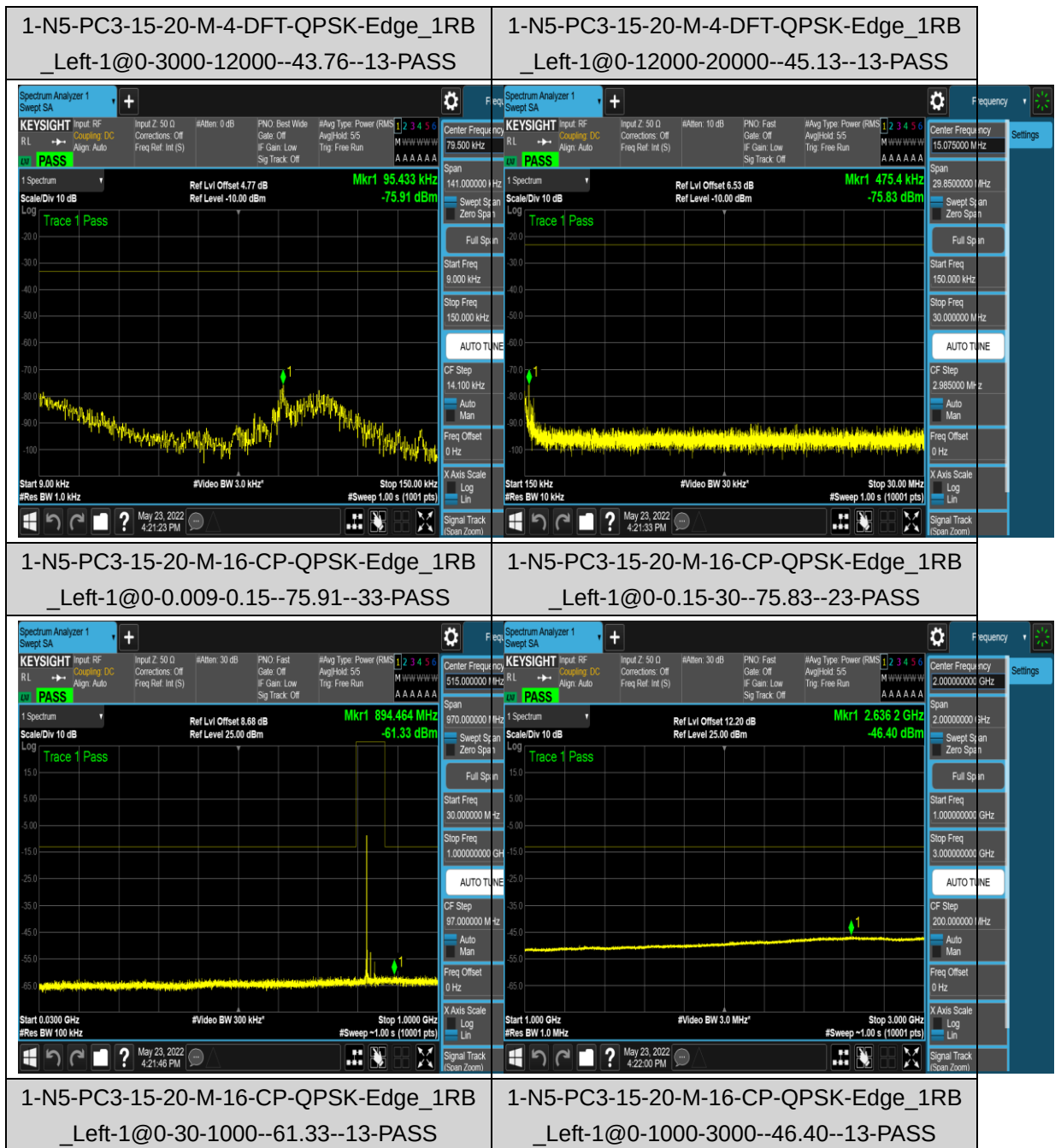


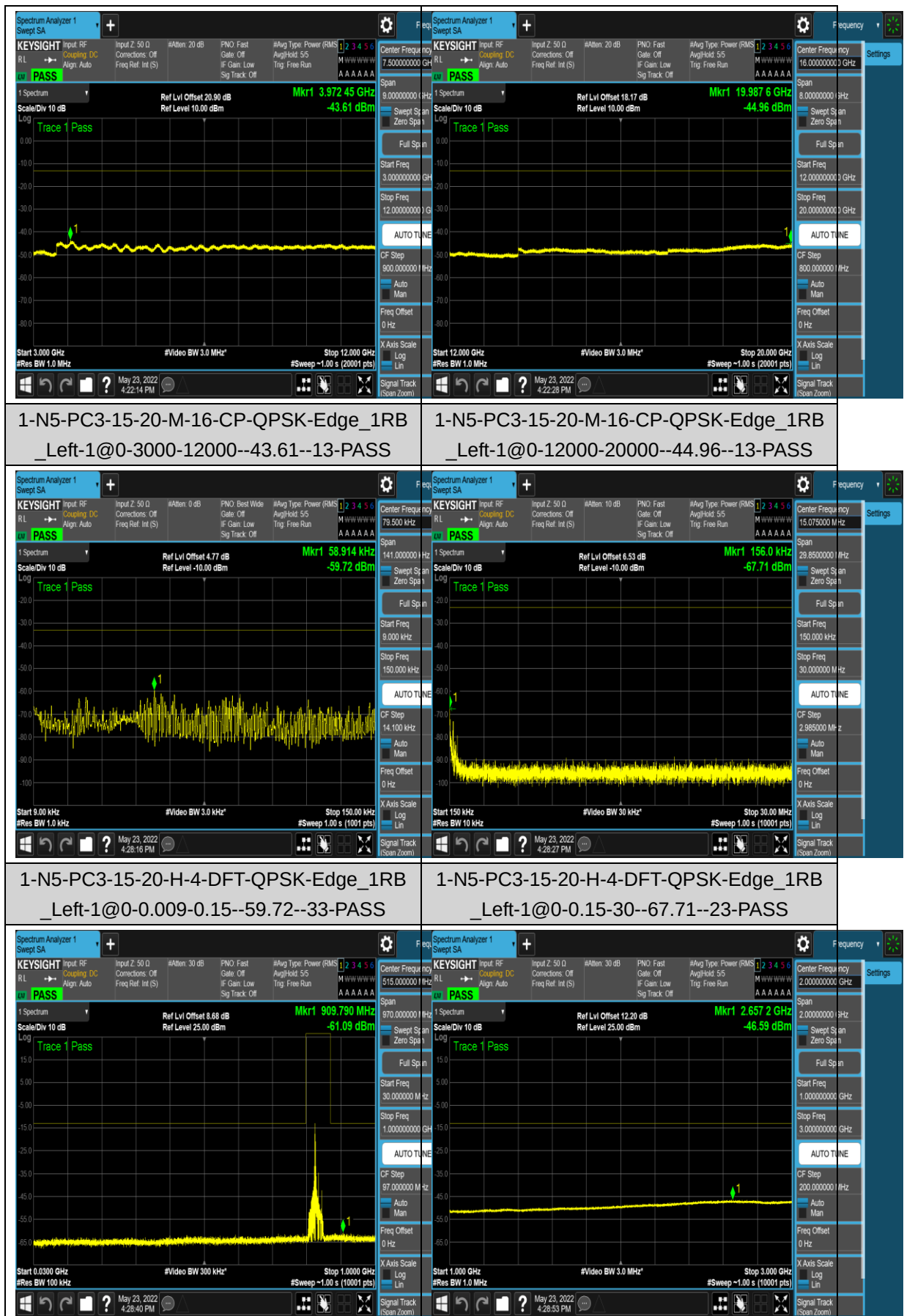


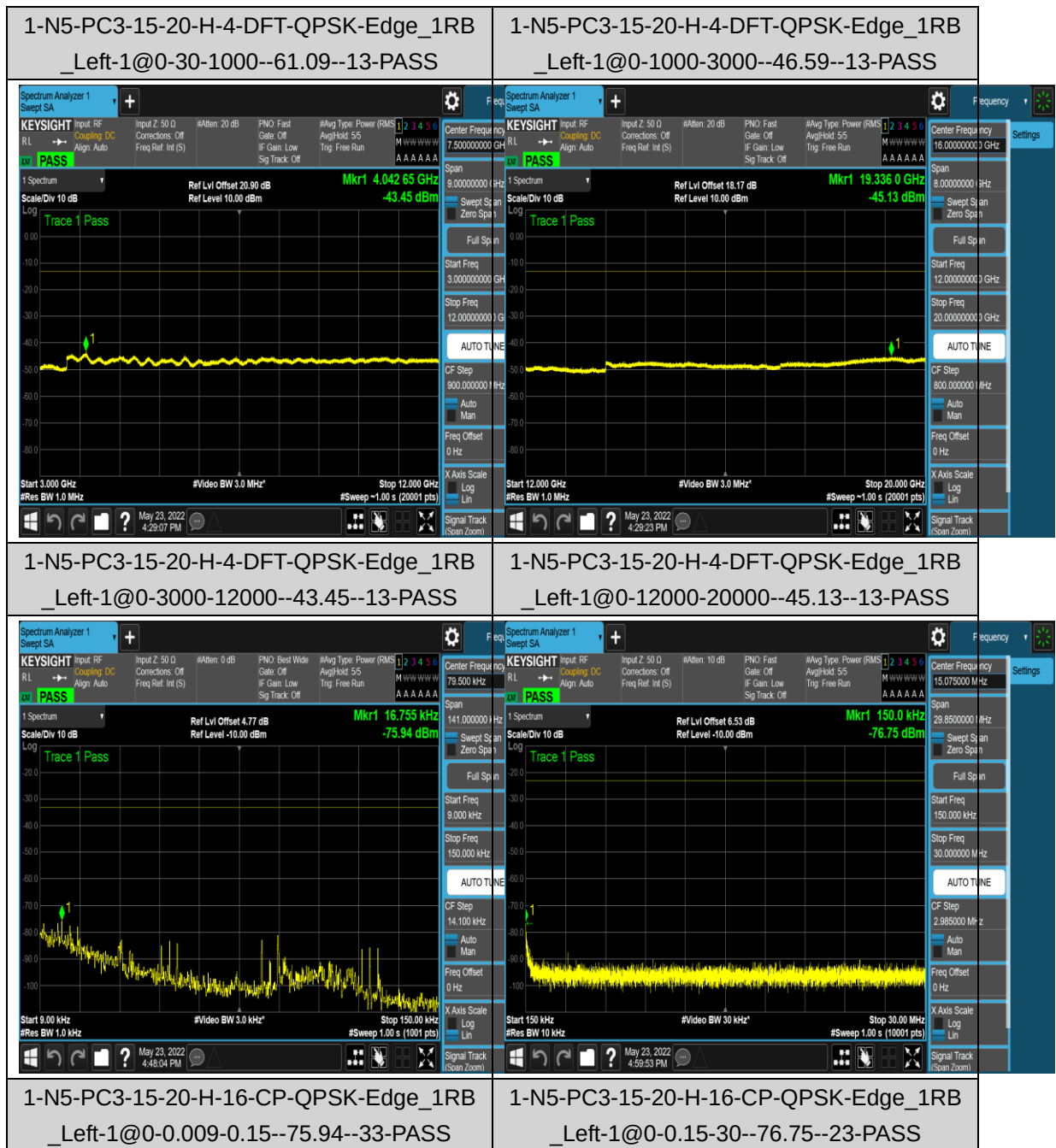


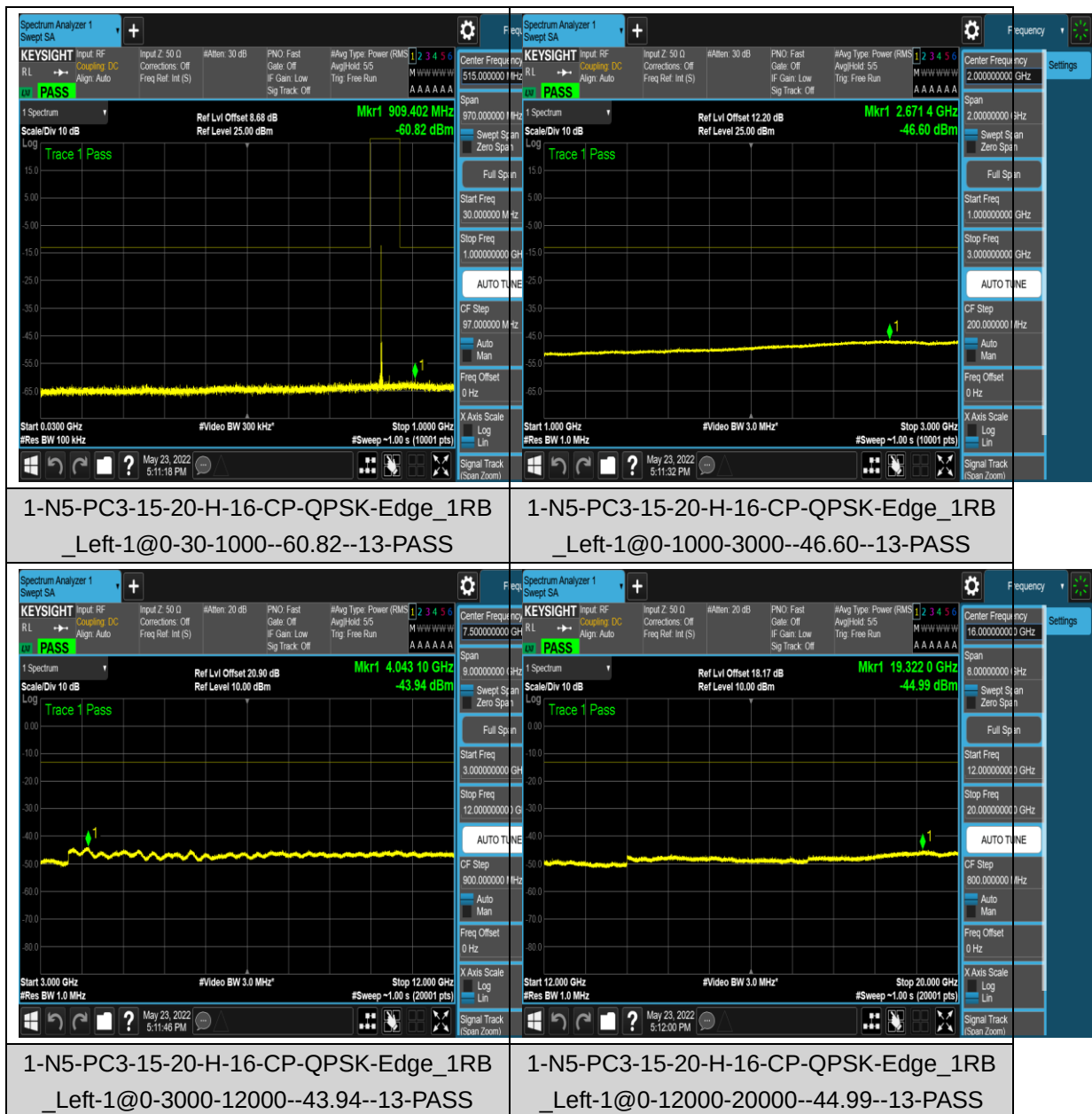












Appendix F: Frequency Stability

Test Result

Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
N5	5MHz	DFT-QPSK	L	Outer_Full	VL	NT	3.98	0.004815	PASS
N5	5MHz	DFT-QPSK	L	Outer_Full	VN	NT	-1.9	-0.002299	PASS
N5	5MHz	DFT-QPSK	L	Outer_Full	VH	NT	0.83	0.001004	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	VL	NT	-1.22	-0.001458	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	VN	NT	-0.21	-0.000251	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	VH	NT	2.67	0.003192	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	VL	NT	0.01	0.000012	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	VN	NT	4.49	0.005304	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	VH	NT	0.43	0.000508	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	VL	NT	3	0.003629	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	VN	NT	1.82	0.002202	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	VH	NT	0.68	0.000823	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	VL	NT	-0.93	-0.001112	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	VN	NT	-1.41	-0.001686	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	VH	NT	-1.02	-0.001219	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	VL	NT	3.04	0.003591	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	VN	NT	1.66	0.001961	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	VH	NT	4.67	0.005517	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	VL	NT	1.43	0.001725	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	VN	NT	2.65	0.003197	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	VH	NT	-0.25	-0.000302	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	VL	NT	-1.62	-0.001937	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	VN	NT	3.04	0.003634	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	VH	NT	4.39	0.005248	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	VL	NT	-1.18	-0.001398	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	VN	NT	-0.06	-0.000071	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	VH	NT	3.65	0.004325	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	VL	NT	3.66	0.004415	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	VN	NT	2.75	0.003317	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	VH	NT	2.87	0.003462	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	VL	NT	4.03	0.004818	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	VN	NT	2.28	0.002726	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	VH	NT	2.54	0.003036	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	VL	NT	4.07	0.004822	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	VN	NT	1.4	0.001659	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	VH	NT	3.68	0.004360	PASS

N5	15MHz	DFT-QPSK	L	Outer_Full	VL	NT	2.81	0.003379	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	VN	NT	-0.22	-0.000265	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	VH	NT	3.6	0.004330	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	VL	NT	-1.18	-0.001411	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	VN	NT	1.92	0.002295	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	VH	NT	-1.96	-0.002343	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	VL	NT	0.98	0.001165	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	VN	NT	2.81	0.003339	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	VH	NT	-0.7	-0.000832	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	VL	NT	-0.94	-0.001130	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	VN	NT	2.9	0.003488	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	VH	NT	-1.44	-0.001732	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	VL	NT	1.6	0.001913	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	VN	NT	0.72	0.000861	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	VH	NT	1.91	0.002283	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	VL	NT	3.78	0.004492	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	VN	NT	-0.3	-0.000357	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	VH	NT	3.03	0.003601	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	VL	NT	2.51	0.003010	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	VN	NT	2.35	0.002818	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	VH	NT	-1.29	-0.001547	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	VL	NT	3.53	0.004220	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	VN	NT	3.76	0.004495	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	VH	NT	3.9	0.004662	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	VL	NT	0.92	0.001097	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	VN	NT	2.95	0.003516	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	VH	NT	3.39	0.004041	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	VL	NT	3.62	0.004341	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	VN	NT	2.71	0.003249	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	VH	NT	4.25	0.005096	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	VL	NT	0.25	0.000299	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	VN	NT	-1.02	-0.001219	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	VH	NT	-1.96	-0.002343	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	VL	NT	0.6	0.000715	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	VN	NT	-0.71	-0.000846	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	VH	NT	3.33	0.003969	PASS

Band	Bandwidth h	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
N5	5MHz	DFT-QPSK	L	Outer_Full	NV	-30	3.9	0.004718	PASS
N5	5MHz	DFT-QPSK	L	Outer_Full	NV	-20	0.95	0.001149	PASS

N5	5MHz	DFT-QPSK	L	Outer_Full	NV	0	2.97	0.003593	PASS
N5	5MHz	DFT-QPSK	L	Outer_Full	NV	10	-1.05	-0.001270	PASS
N5	5MHz	DFT-QPSK	L	Outer_Full	NV	20	-1.56	-0.001887	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	NV	-30	-0.43	-0.000514	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	NV	-20	0.24	0.000287	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	NV	0	2.26	0.002702	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	NV	10	3.62	0.004328	PASS
N5	5MHz	DFT-QPSK	M	Outer_Full	NV	20	0.06	0.000072	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	NV	-30	2.61	0.003083	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	NV	-20	0.53	0.000626	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	NV	0	2.46	0.002906	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	NV	10	-1.01	-0.001193	PASS
N5	5MHz	DFT-QPSK	H	Outer_Full	NV	20	1.96	0.002315	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	NV	-30	4.06	0.004912	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	NV	-20	1.17	0.001415	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	NV	0	2.77	0.003351	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	NV	10	4.11	0.004972	PASS
N5	5MHz	CP-QPSK	L	Outer_Full	NV	20	-0.41	-0.000496	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	NV	-30	4.92	0.005882	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	NV	-20	4.38	0.005236	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	NV	0	4	0.004782	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	NV	10	3.18	0.003802	PASS
N5	5MHz	CP-QPSK	M	Outer_Full	NV	20	2.36	0.002821	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	NV	-30	0.68	0.000803	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	NV	-20	-1.82	-0.002150	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	NV	0	0.24	0.000284	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	NV	10	-1.23	-0.001453	PASS
N5	5MHz	CP-QPSK	H	Outer_Full	NV	20	-1.92	-0.002268	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	NV	-30	0.89	0.001074	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	NV	-20	-1.23	-0.001484	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	NV	0	-1.1	-0.001327	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	NV	10	2.98	0.003595	PASS
N5	10MHz	DFT-QPSK	L	Outer_Full	NV	20	0.31	0.000374	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	NV	-30	-1.85	-0.002212	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	NV	-20	0.9	0.001076	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	NV	0	3.64	0.004351	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	NV	10	2.91	0.003479	PASS
N5	10MHz	DFT-QPSK	M	Outer_Full	NV	20	-0.32	-0.000383	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	NV	-30	2.59	0.003069	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	NV	-20	0.58	0.000687	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	NV	0	0.63	0.000746	PASS

N5	10MHz	DFT-QPSK	H	Outer_Full	NV	10	-1.27	-0.001505	PASS
N5	10MHz	DFT-QPSK	H	Outer_Full	NV	20	2.86	0.003389	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	NV	-30	0.6	0.000724	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	NV	-20	-1.75	-0.002111	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	NV	0	2.3	0.002774	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	NV	10	3.55	0.004282	PASS
N5	10MHz	CP-QPSK	L	Outer_Full	NV	20	2.24	0.002702	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	NV	-30	2.68	0.003204	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	NV	-20	3.7	0.004423	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	NV	0	0.37	0.000442	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	NV	10	0.14	0.000167	PASS
N5	10MHz	CP-QPSK	M	Outer_Full	NV	20	4.68	0.005595	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	NV	-30	-1.9	-0.002251	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	NV	-20	0.04	0.000047	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	NV	0	-1.5	-0.001777	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	NV	10	3.28	0.003886	PASS
N5	10MHz	CP-QPSK	H	Outer_Full	NV	20	-1.15	-0.001363	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	NV	-30	2.5	0.003007	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	NV	-20	2.76	0.003319	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	NV	0	4.17	0.005015	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	NV	10	3.2	0.003848	PASS
N5	15MHz	DFT-QPSK	L	Outer_Full	NV	20	2.48	0.002983	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	NV	-30	4.38	0.005236	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	NV	-20	4.71	0.005631	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	NV	0	2.56	0.003060	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	NV	10	-0.86	-0.001028	PASS
N5	15MHz	DFT-QPSK	M	Outer_Full	NV	20	3.07	0.003670	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	NV	-30	-1.69	-0.002008	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	NV	-20	4.24	0.005039	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	NV	0	3.94	0.004682	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	NV	10	2.06	0.002448	PASS
N5	15MHz	DFT-QPSK	H	Outer_Full	NV	20	2.93	0.003482	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	NV	-30	1.79	0.002153	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	NV	-20	4.32	0.005195	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	NV	0	1.21	0.001455	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	NV	10	-1.28	-0.001539	PASS
N5	15MHz	CP-QPSK	L	Outer_Full	NV	20	3.26	0.003921	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	NV	-30	0.73	0.000873	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	NV	-20	-0.05	-0.000060	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	NV	0	3.52	0.004208	PASS
N5	15MHz	CP-QPSK	M	Outer_Full	NV	10	0.84	0.001004	PASS

N5	15MHz	CP-QPSK	M	Outer_Full	NV	20	3.77	0.004507	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	NV	-30	0.47	0.000559	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	NV	-20	4.88	0.005799	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	NV	0	3.42	0.004064	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	NV	10	1.25	0.001485	PASS
N5	15MHz	CP-QPSK	H	Outer_Full	NV	20	1.59	0.001889	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	NV	-30	-0.18	-0.000216	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	NV	-20	0.7	0.000839	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	NV	0	1.98	0.002374	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	NV	10	1.39	0.001667	PASS
N5	20MHz	DFT-QPSK	L	Outer_Full	NV	20	3.67	0.004400	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	NV	-30	-1.33	-0.001590	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	NV	-20	-1.69	-0.002020	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	NV	0	4.71	0.005631	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	NV	10	3.45	0.004124	PASS
N5	20MHz	DFT-QPSK	M	Outer_Full	NV	20	0.54	0.000646	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	NV	-30	-1.53	-0.001824	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	NV	-20	1.02	0.001216	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	NV	0	0.2	0.000238	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	NV	10	1.24	0.001478	PASS
N5	20MHz	DFT-QPSK	H	Outer_Full	NV	20	-0.48	-0.000572	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	NV	-30	0.76	0.000911	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	NV	-20	4.74	0.005683	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	NV	0	2.62	0.003141	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	NV	10	-1.27	-0.001523	PASS
N5	20MHz	CP-QPSK	L	Outer_Full	NV	20	-1.27	-0.001523	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	NV	-30	4.72	0.005643	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	NV	-20	-1.34	-0.001602	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	NV	0	-0.46	-0.000550	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	NV	10	4.9	0.005858	PASS
N5	20MHz	CP-QPSK	M	Outer_Full	NV	20	-1.41	-0.001686	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	NV	-30	3.7	0.004410	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	NV	-20	3.79	0.004517	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	NV	0	4.77	0.005685	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	NV	10	-0.19	-0.000226	PASS
N5	20MHz	CP-QPSK	H	Outer_Full	NV	20	0.56	0.000667	PASS