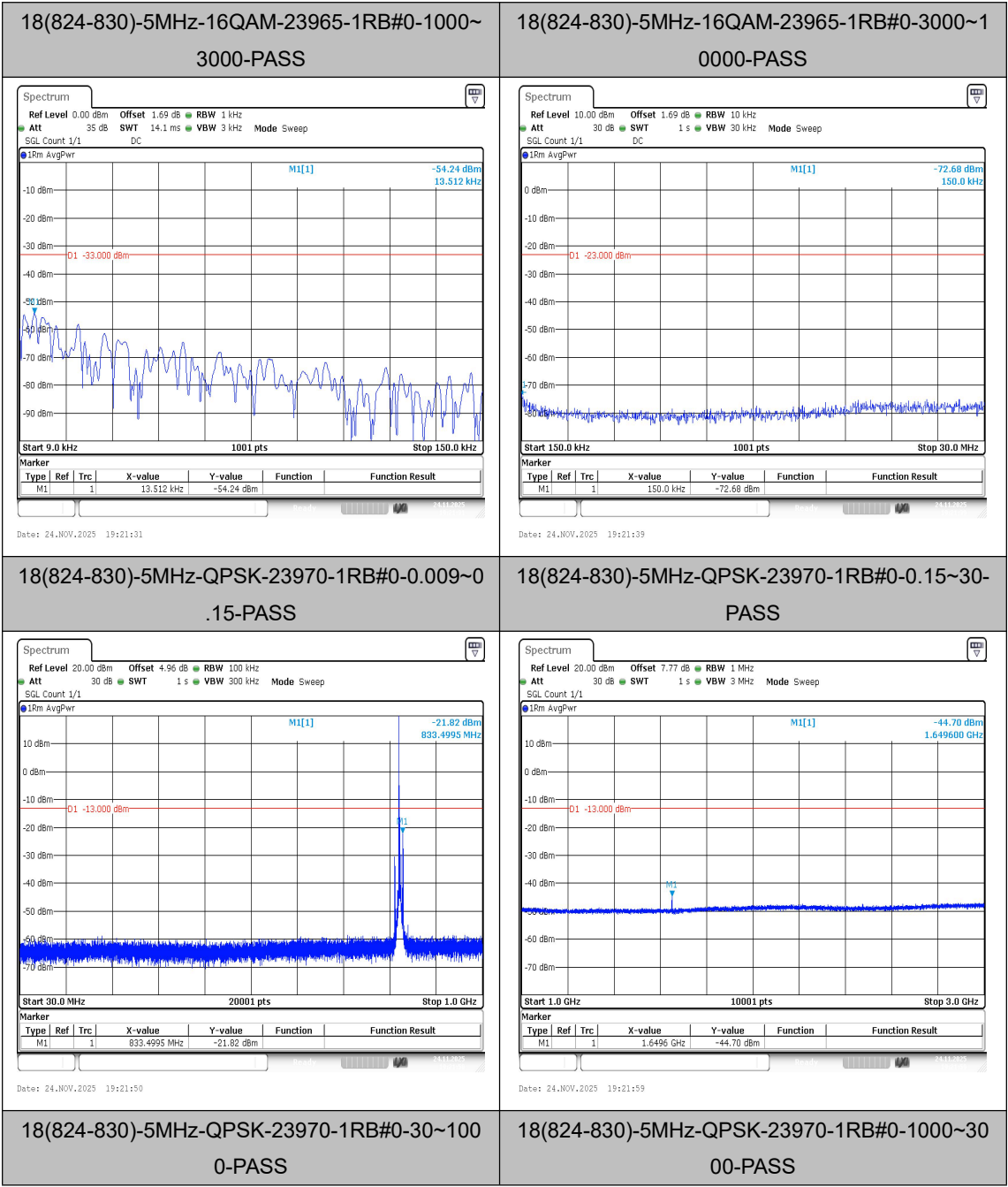
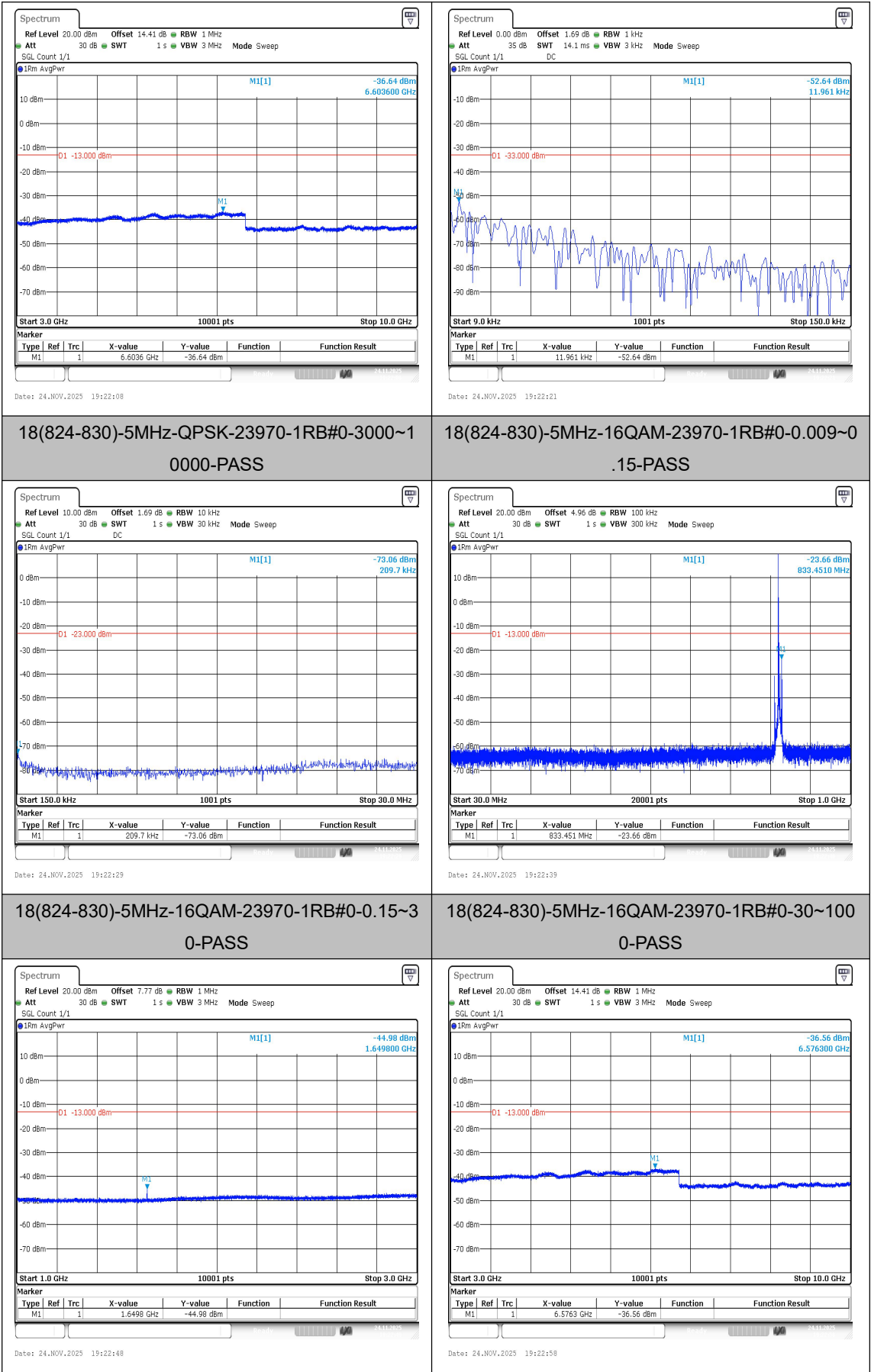
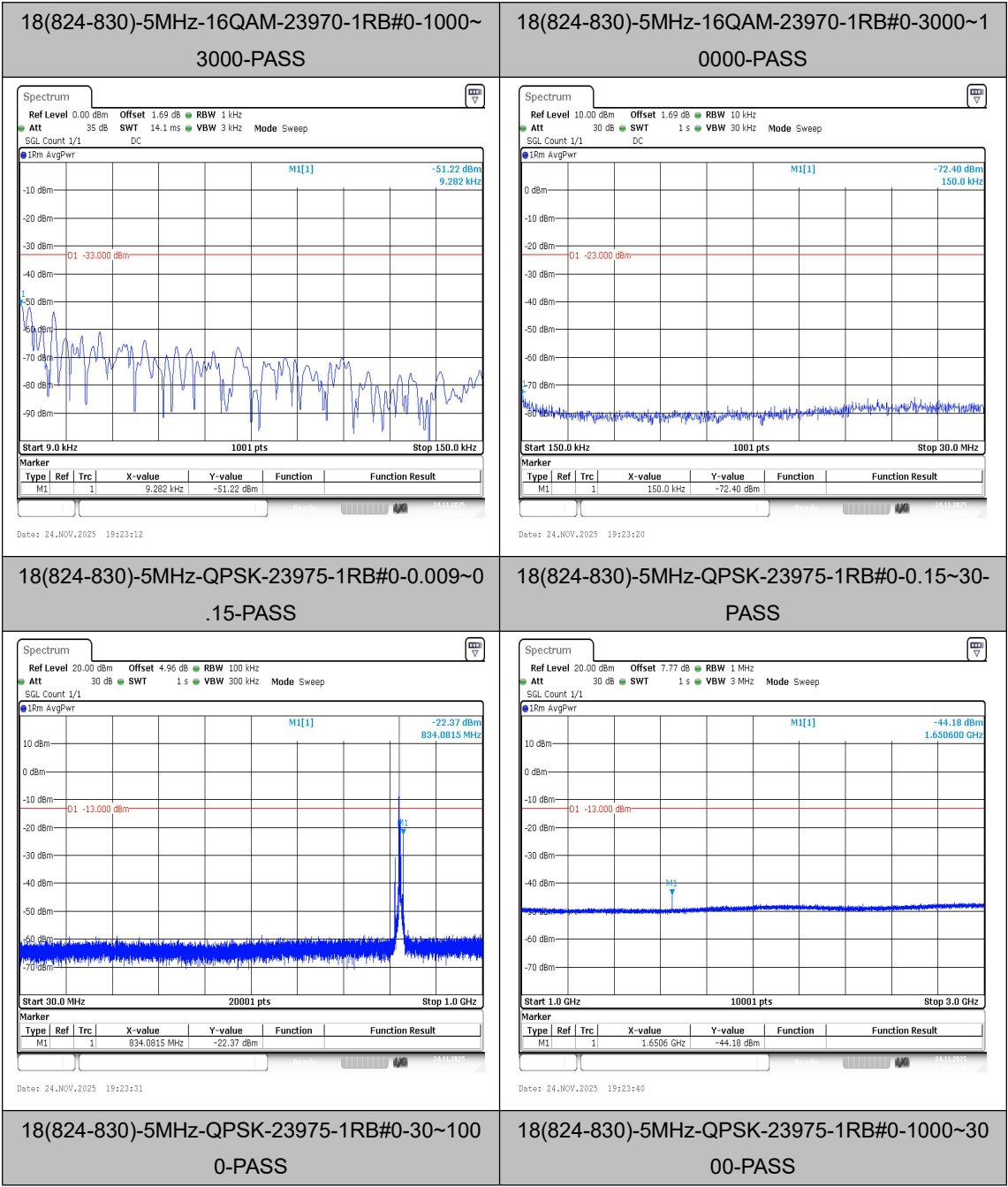
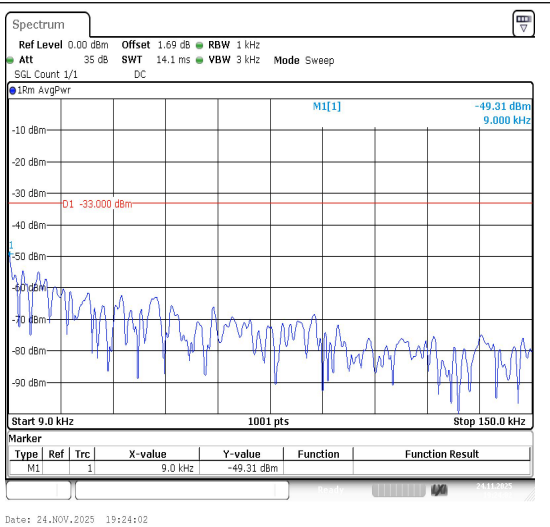
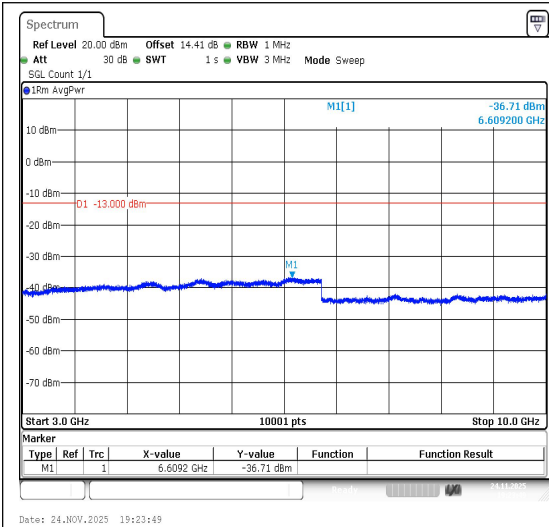




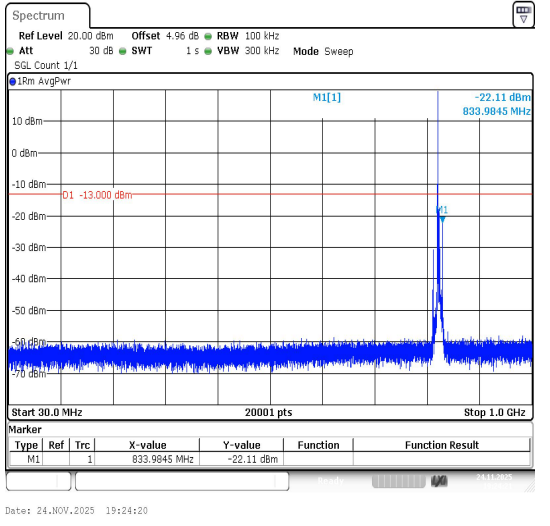
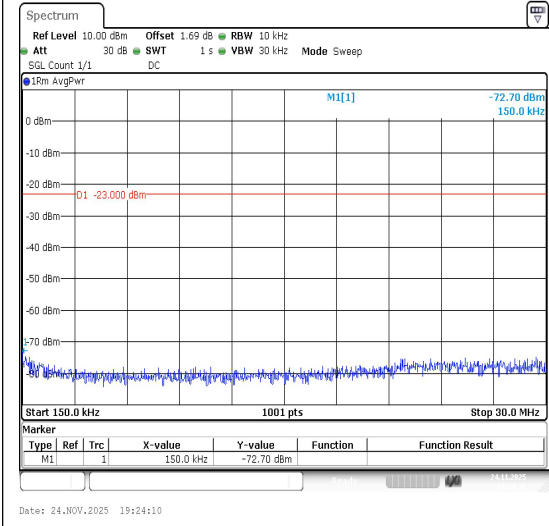






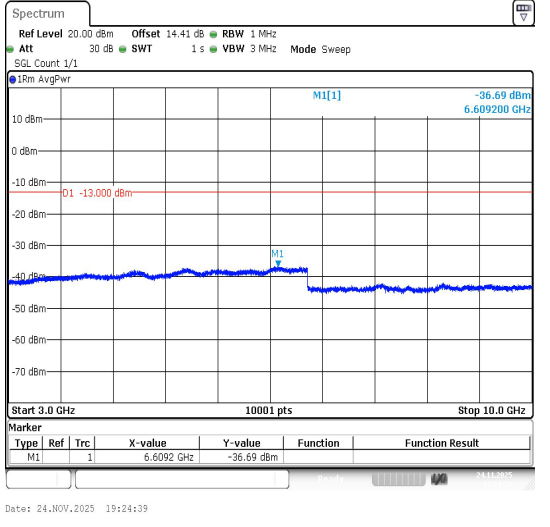
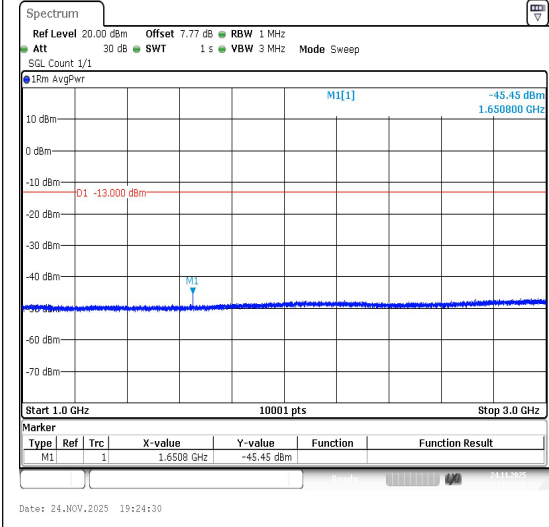
18(824-830)-5MHz-QPSK-23975-1RB#0-3000~1
0000-PASS

18(824-830)-5MHz-16QAM-23975-1RB#0-0.009~0
.15-PASS



18(824-830)-5MHz-16QAM-23975-1RB#0-0.15~3
0-PASS

18(824-830)-5MHz-16QAM-23975-1RB#0-30~100
0-PASS



18(824-830)-5MHz-16QAM-23975-1RB#0-1000~ 3000-PASS	18(824-830)-5MHz-16QAM-23975-1RB#0-3000~1 0000-PASS
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Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
18(824-830)	5MHz	QPSK	23965	25RB#0	VN	NT	-11.16	-0.013503	±2.5	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	VL	NT	-7.45	-0.009014	±2.5	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	VH	NT	-7.85	-0.009498	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	VN	NT	-7.01	-0.008482	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	VL	NT	-10.61	-0.012837	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	VH	NT	-9.46	-0.011446	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	VN	NT	-11.47	-0.013869	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	VL	NT	-4.99	-0.006034	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	VH	NT	-8.05	-0.009734	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	VN	NT	-10.04	-0.012140	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	VL	NT	-11.62	-0.014051	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	VH	NT	-12.97	-0.015683	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	VN	NT	-9.11	-0.011009	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	VL	NT	-10.14	-0.012254	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	VH	NT	-4.18	-0.005051	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	VN	NT	-5.62	-0.006792	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	VL	NT	-12.89	-0.015577	±2.5	PASS

18(824-830)	5MHz	16QAM	23975	25RB#0	VH	NT	-12.09	-0.014610	±2.5	PASS
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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
18(824-830)	5MHz	QPSK	23965	25RB#0	NV	-30	-9.47	-0.011458	±2.5	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	NV	-20	-9.37	-0.011337	±2.5	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	NV	-10	-4.45	-0.005384	±2.5	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	NV	0	-5.72	-0.006921	±2.5	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	NV	10	-10.34	-0.012511	±2.5	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	NV	20	-12.04	-0.014567	±2.5	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	NV	30	-4.02	-0.004864	±2.5	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	NV	40	-4.05	-0.004900	±2.5	PASS
18(824-830)	5MHz	QPSK	23965	25RB#0	NV	50	-10.60	-0.012825	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	NV	-30	-6.09	-0.007368	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	NV	-20	-8.31	-0.010054	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	NV	-10	2.20	0.002662	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	NV	0	-11.57	-0.013999	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	NV	10	-7.82	-0.009462	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	NV	20	-8.54	-0.010333	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	NV	30	-4.82	-0.005832	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	NV	40	-5.39	-0.006521	±2.5	PASS
18(824-830)	5MHz	16QAM	23965	25RB#0	NV	50	-6.07	-0.007344	±2.5	PASS

830)										
18(824-830)	5MHz	QPSK	23970	25RB#0	NV	-30	-9.16	-0.011076	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	NV	-20	-9.97	-0.012056	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	NV	-10	-9.97	-0.012056	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	NV	0	-10.53	-0.012733	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	NV	10	-11.52	-0.013930	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	NV	20	-10.24	-0.012382	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	NV	30	-15.11	-0.018271	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	NV	40	-15.44	-0.018670	±2.5	PASS
18(824-830)	5MHz	QPSK	23970	25RB#0	NV	50	-8.11	-0.009807	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	NV	-30	-5.46	-0.006602	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	NV	-20	-12.99	-0.015707	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	NV	-10	-4.56	-0.005514	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	NV	0	-9.04	-0.010931	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	NV	10	-11.97	-0.014474	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	NV	20	-11.32	-0.013688	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	NV	30	-9.84	-0.011898	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	NV	40	-12.87	-0.015562	±2.5	PASS
18(824-830)	5MHz	16QAM	23970	25RB#0	NV	50	-7.84	-0.009480	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	NV	-30	-5.01	-0.006054	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	NV	-20	-8.96	-0.010828	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	NV	-10	-2.35	-0.002840	±2.5	PASS

830)										
18(824-830)	5MHz	QPSK	23975	25RB#0	NV	0	-9.14	-0.011045	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	NV	10	-8.11	-0.009801	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	NV	20	-10.17	-0.012290	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	NV	30	-6.08	-0.007347	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	NV	40	-2.70	-0.003263	±2.5	PASS
18(824-830)	5MHz	QPSK	23975	25RB#0	NV	50	-4.38	-0.005293	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	NV	-30	-9.03	-0.010912	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	NV	-20	-4.32	-0.005221	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	NV	-10	-8.10	-0.009789	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	NV	0	2.26	0.002731	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	NV	10	-6.64	-0.008024	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	NV	20	-7.44	-0.008991	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	NV	30	-8.50	-0.010272	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	NV	40	-8.90	-0.010755	±2.5	PASS
18(824-830)	5MHz	16QAM	23975	25RB#0	NV	50	-4.38	-0.005293	±2.5	PASS