

6J1 – 6J1P – 6AK5 – JAN5654W - OTK Stamp – etc., Vacuum Tube Testing Project									
Date of tests: 3/2/24 to 4/3/24									
Test Equipment: Heathkit TT-1a, 6J1 preamp, B&K 4040B function generator, Tektronix TBS 1052B									
Line Voltage: 120vac, adjusted to reference level for each test.									
Test Reference Number	Tube type and description	Short test Pass/Fail	Grid current test Pass/Fail	K1/K2 Trans-conductance(gm) (micromhos)	In-circuit input voltage at 1kHz	In-circuit output voltage at 1kHz	In-circuit gain (mu) In dB (*10)	Warm up time (minutes)	Matched Sets
18	6J1 OTK1 (*5)	Pass	Pass	900/900 (*6)	0.80	1.44	5.11	10	
46	6J1 OTK1-2 (*5)	Pass	Pass	1900/1900	0.80	1.54	5.69	10	
15	6J1 OTK1 (*5)	Pass	Pass	2350/2350	0.80	1.67	6.39	10	
30	6J1 OTK1-2 (*5)	Pass	Pass	3000/3000	0.80	1.67	6.39	10	
11	6J1 OTK1 (*5)	Pass	Pass	2900/2900	0.80	1.69	6.50	10	
17	6J1 OTK1 (*5)	Pass	Pass	2650/2650	0.80	1.74	6.75	10	
28	6J1 OTK1-2 (*5)	Pass	Pass	2400/2400	0.80	1.82	7.14	10	
14	6J1 OTK1 (*5)	Pass	Pass	4700/4800	0.80	1.84	7.23	10	1
12	6J1 OTK1 (*5)	Pass	Pass	3300/3300	0.80	1.85	7.28	10	1
29	6J1 OTK1-2 (*5)	Pass	Pass	2950/2950	0.80	1.86	7.33	10	2
10	6J1 OTK1 (*5)	Pass	Pass	4800/4800	0.80	1.87	7.38	10	2
13	6J1 OTK1 (*5)	Pass	Pass	2300/2300	0.80	1.87	7.38	10	3
35	6J1 OTK1-2 (*5)	Pass	Pass	2800/2800	0.80	1.87	7.38	10	3
40	6J1 OTK1-2 (*5)	Pass (*14)	Pass	4420/4420	0.80	1.88	7.42	10	
43	6J1 OTK1-2 (*5)	Pass	Pass	3500/3500	0.80	1.88	7.42	10	
31	6J1 OTK1-2 (*5)	Pass	Pass	4300/4300	0.80	1.89	7.47	10	4
37	6J1 OTK1-2 (*5)	Pass (*13)	Pass	2800/2800	0.80	1.89	7.47	10	4
16	6J1 OTK1 (*5)	Pass	Pass	2400/2400	0.80	1.92	7.60	10	
36	6J1 OTK1-2 (*5)	Pass	Pass	4000/4000	0.80	1.94	7.69	10	5
27	6J1 OTK1-2 (*5)	Pass	Pass	4700/4700	0.80	1.95	7.74	10	5
24	6J1 OTK1-2 (*5)	Pass(*11)	Pass	2950/2950	0.80	1.96	7.78	10	7
34	6J1 OTK1-2 (*5)	Pass	Pass	5300/5300	0.80	1.96	7.78	10	6
39	6J1 OTK1-2 (*5)	Pass	Pass	3750/3750	0.80	1.96	7.78	10	6
9	6J1 OTK1 (*5)	Pass	Pass	3050/3050	0.80	1.97	7.83	10	7
25	6J1 OTK1-2 (*5)	Pass	Pass	4250/4250	0.80	1.98	7.87	10	8
26	6J1 OTK1-2 (*5)	Fail (*12)	Pass	5700/7000+	0.80	1.98	7.87	10	
33	6J1 OTK1-2 (*5)	Pass	Pass	4600/4600	0.80	1.98	7.87	10	8
44	6J1 OTK1-2 (*5)	Pass (*13)	Pass	4650/4650	0.80	1.98	7.87	10	10
23	6J1 OTK1-2 (*5)	Pass	Pass	3600/3600	0.80	2.00	7.96	10	9
38	6J1 OTK1-2 (*5)	Pass (*13)	Pass	4700/4700	0.80	2.00	7.96	10	10
41	6J1 OTK1-2 (*5)	Pass	Pass	3700/3700	0.80	2.01	8.00	10	9

