

JFET SOURCE VOLTAGE MEASUREMENT

Post Vibe, post bake, SN10,11 module, Post Perf test, Thermal Cycle to 4K gm dewar.

power cable		pwr1	pwr2	pwr4 (this was flipped		pwr3			
Date		10/8/2004	10/8/2004	10/8/2004	10/8/2004				
T, plate		4K	4K	4K	4K				
		4K	4K	4K	4K				
Vdd		3	3	3	3				
Vss		-1.5	1.5	-1.5	-1.5				
Idd		1.4238	1.5263	1.0078	1.51				
Iss		1.4221	1.5244	1.0059	1.5082				
SN		19	26	21	27				
Channel #			DELTA		DELTA		DELTA		DELTA
1	a	0.751	0.005	0.687	0.004	0.677	0.001	0.657	0
	b	0.756		0.691		0.676		0.657	
2	a	0.264	0.01	0.893	0.004	0.658	0.001	0.975	0.004
	b	0.254		0.897		0.657		0.979	
3	a	0.894	0.009	0.729	0.005	1.216	0.009	0.879	0.001
	b	0.903		0.734		1.225		0.878	
4	a	0.716	0.003	0.702	0	0.910	0.002	1.402	0.009
	b	0.719		0.702		0.908		1.393	
5	a	1.171	0.008	0.504	0.004	0.671	0.004	0.661	0.001
	b	1.179		0.500		0.675		0.662	
6	a	0.546	0.002	0.726	0.002	0.651	0.003	0.732	0.001
	b	0.548		0.728		0.654		0.733	
7	a	0.578	0.003	0.716	0	1.000	0.006	0.917	0.004
	b	0.581		0.716		0.994		0.921	
8	a	0.706	0.002	0.554	0.0016	0.750	0.003	0.703	0
	b	0.708		0.556		0.753		0.703	
9	a	0.954	0.009	0.780	0	0.924	0.007	1.460	0.009
	b	0.963		0.780		0.917		1.469	
10	a	0.372	0.003	0.656	0.002	0.675	0.003	0.963	0.005
	b	0.369		0.654		0.678		0.958	
11	a	0.300	0.006	0.756	0.001	0.959	0.014	0.733	0.002
	b	0.306		0.755		0.945		0.735	
12	a	0.431	0.003	0.705	0.001	1.028	0.002	0.870	0
	b	0.434		0.704		1.030		0.870	
13	a	0.485	0.003	0.983	0.009	0.663	0.004	0.943	0.004
	b	0.488		0.992		0.667		0.947	
14	a	0.577	0.005	0.923	0	1.197	0.002	0.553	0.012
	b	0.582		0.923		1.195		0.565	
15	a	0.891	0.004	0.587	0.003	0.679	0.002	1.170	0.003
	b	0.895		0.590		0.677		1.173	
16	a	0.682	0.001	0.785	0.005	0.653	0	1.550	0.004
	b	0.681		0.780		0.653		1.546	
17	a	0.732	0	0.683	0.002	0.682	0.004	0.658	0
	b	0.732		0.681		0.678		0.658	
18	a	1.316	0.01	0.880	0.002	1.053	0.007	0.693	0.001
	b	1.326		0.882		1.060		0.694	
19	a	0.554	0.005	0.946	0.004	1.182	0.009	0.723	0.001
	b	0.549		0.942		1.191		0.724	
20	a	0.603	0.001	0.600	0.001	0.969	0.001	0.668	0
	b	0.602		0.601		0.968		0.668	
21	a	0.962	0	0.927	0.001	0.993	0.002	0.563	0.002
	b	0.962		0.926		0.991		0.565	
22	a	1.244	0.009	0.913	0	1.303	0.01	0.802	0.006
	b	1.253		0.913		1.293		0.808	
23	a	1.343	0.01	0.738	0.004	1.329	0.004	0.212	0.012
	b	1.333		0.742		1.333		0.224	
24	a	1.312	0.014	0.704	0.01	1.607	0.012	1.474	0.011
	b	1.298		0.694		1.595		1.463	