

# JFET SOURCE VOLTAGE MEASUREMENT

Post vibe, post bake, SN8,9 module, Perf Test (4K T) in green dewar.

Date			9/2/2004		9/2/2004		9/2/2004		9/2/2004	
T, plate			He		He		He		He	
T, JFET			He		He		He		He	
Vdd			3		3		3		3	
Vss			-1.5		-1.5		-1.5		-1.5	
Idd			1.3449		1.0852		1.379		1.062	
Iss			1.3426		1.0834		1.3769		1.0603	
SN			18		29		20		24	
Channel #				DELTA		DELTA		DELTA		
1	a		0.528	0		1.277	0.009		0.543	0.664
	b		0.528			1.268			0.538	
2	a		0.399	0.003		1.209	0.004		0.714	1.340
	b		0.402			1.205			0.712	
3	a		1.228	0.011		0.705	0.002		0.493	0.668
	b		1.217			0.707			0.497	
4	a		0.180	0.007		1.255	0.008		0.549	0.673
	b		0.173			1.247			0.547	
5	a		1.015	0.01		0.740	0.003		0.519	1.269
	b		1.005			0.737			0.524	
6	a		0.559	0.006		0.661	0.002		1.064	0.660
	b		0.565			0.659			1.059	
7	a		1.243	0.014		0.990	0.001		0.263	0.593
	b		1.257			0.991			0.260	
8	a		1.181	0.012		0.716	0.005		1.490	0.656
	b		1.193			0.711			1.486	
9	a		0.366	0.004		0.650	0.001		0.474	0.928
	b		0.362			0.649			0.472	
10	a		0.548	0.001		0.657	0.002		0.358	0.654
	b		0.549			0.655			0.361	
11	a		0.473	0.005		0.934	0.002		0.682	0.651
	b		0.468			0.932			0.681	
12	a		0.870	0.001		1.184	0.002		0.924	0.941
	b		0.869			1.182			0.912	
13	a		1.354	0.007		0.915	0.002		0.550	0.708
	b		1.347			0.913			0.548	
14	a		0.507	0.004		1.129	0.008		0.536	1.230
	b		0.511			1.137			0.535	
15	a		0.594	0.002		0.829	0.002		0.642	0.667
	b		0.596			0.827			0.641	
16	a		0.678	0.003		0.980	0.008		0.546	0.659
	b		0.675			0.988			0.552	
17	a		0.699	0.002		0.388	0.011		0.833	1.046
	b		0.697			0.399			0.828	
18	a		0.479	0.001		0.812	0.003		1.324	1.086
	b		0.480			0.815			1.336	
19	a		0.504	0.003		0.737	0.002		0.635	0.674
	b		0.507			0.739			0.634	
20	a		0.676	0.002		0.696	0.003		0.804	0.899
	b		0.678			0.699			0.810	
21	a		1.198	0.011		0.650	0.001		0.426	0.661
	b		1.187			0.649			0.426	
22	a		0.456	0.001		0.867	0.004		0.689	0.665
	b		0.455			0.871			0.688	
23	a		0.797	0.008		0.740	0.002		0.536	0.669
	b		0.789			0.742			0.540	
24	a		0.873	0.004		1.479	0.007		0.487	1.487
	b		0.869			1.472			0.489	