

Bolocam JFET Offset Checkout Sheet

Hexant:

Date:

Testers:

JFET temperature:

Dewar State:

Bolometer	DB50 from dewar to preamp		bias = 0 V JFET voltages		DB50 from dewar to preamp		bias = +40 mV JFET voltages		DB50 from dewar to preamp		bias = -40 mV JFET voltages	
GND	1				1				1			
GND	34				34				34			
1	13	29			13	29			13	29		
2	3	19			3	19			3	19		
3	12	28			12	28			12	28		
4	11	27			11	27			11	27		
5	49	50			49	50			49	50		
6	2	18			2	18			2	18		
7	14	30			14	30			14	30		
8	15	31			15	31			15	31		
9	7	23			7	23			7	23		
10	17	33			17	33			17	33		
11	10	26			10	26			10	26		
12	8	24			8	24			8	24		
13	45	46			45	46			45	46		
14	37	38			37	38			37	38		
15	6	22			6	22			6	22		
17	4	20			4	20			4	20		
18	39	40			39	40			39	40		
19	9	25			9	25			9	25		
20	35	36			35	36			35	36		
21	47	48			47	48			47	48		
23	41	42			41	42			41	42		
24	5	21			5	21			5	21		
25	16	32			16	32			16	32		
16/00	43	44			43	44			43	44		

Notes:

- 1) The hexants are numbered corresponding to the order in which the cables come out of the dewar and connect to the electronics backpack slots. The electronics backpack slots are numbered 1 to 9 from left to right. Slots 1 and 9 are for housekeeping. Slot 2 is the JFET and bolometer bias board. Slots 3 through 8 contain the preamps for hexants 6 through 1, respectively.
- 2) To make measurements, connect directly to the JFET outputs from the dewar (that is, don't use the preamps!)
- 3) Note that you will need to make voltage measurements relative to dewar ground, which may not necessarily be connected to the shell of the DB50 breakout box.
- 4) Make sure the bolometer biases are set appropriately!

Revision History

SG 2000/07/21 First version

SG 2001/05/03 Put DB50 next to each column to make it easier to write into.

SG 2004/04/28 Revise to do asymmetric biasing.