



*LIGO Laboratory / LIGO Scientific Collaboration*

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Satellite Amp Adapter  
Functional Test

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Distribution of this document:  
LIGO Science Collaboration

This is an internal working note  
of the LIGO Project.

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Serial Number: \_\_\_\_\_

Date tested: \_\_\_\_\_

Tested by: \_\_\_\_\_

The Satellite Amp Adapter functional test consists of a visual inspection and continuity check per the table below.

Perform a visual inspection of the board, checking mounting of the connectors, and all solder joints. Some boards may not have the test points installed.

Check continuity between the points listed below:

Connector	Pin	to	Connector	Pin
J1	1		Ground	
J1	2		J2	1
J1	3		Ground	
J1	4		J2	2
J1	5		Ground	
J1	6		J2	3
J1	7		Ground	
J1	8		J2	4
J1	9		Ground	
J1	10		J2	5
J1	15		J3	1
J1	16		J3	9
J1	17		J3	2
J1	18		J3	10
J1	19		J3	3
J1	20		J3	11
J1	21		J3	4
J1	22		J3	12
J1	23		J3	5
J1	24		J3	13

Connector	Pin	to	Connector	Pin
J1	57		Ground	
J1	58		+24 V	
J1	59		Ground	
J1	60		+24 V	
J1	61		Ground	
J1	62		-24 V	
J1	63		Ground	
J1	64		-24 v	
J2	9		Ground	
J2	10		Ground	
J2	11		Ground	
J2	12		Ground	
J2	13		Ground	

Indicate results of continuity check:

\_\_\_\_\_ All connections are satisfactory

\_\_\_\_\_ Discrepancies were found (list them below)