


Results :JPS003F rev 1

Procedure JPS003P	Keithley 2510	Sheet 1 of 2
Serial Number	Customer Reference Number	Certificate Number
Customer	Calibrated By	Date
Ambient Temp 23 +/- 1C	R.H. 44 +/- 10%	
Reference Equipment Used JPS0231A, JPS0029A, JPS0024A		

9V O/P Accuracy

9.001713	9.001670	9.001653	9.001679	9.001697	9.001652	9.001710	9.001511	9.001712	9.001761
Avg: (V) 9.001676						Readback: 9.001717			

-9V O/P Accuracy

-9.00012	-9.00000	-8.99993	-9.00028	-9.00024	-9.00002	-9.00007	-9.00008	-9.00014	-9.00005
Avg: (V) -9.000091						Readback: -8.999938			

Voltage Limit

Vlim (V) 9.001238	Display Trip? YES	Voltage Verification Status PASS
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4.5A O/P Current Accuracy

4.611318	4.611827	4.612013	4.611688	4.611460	4.611054	4.611091	4.610806	4.610918	4.610849
Avg: (V) 4.611302			Readback: 4.506921			Calc: (A) 4.509960			

Resistance

1.022063	1.023013	1.022533	1.023301	1.022511	1.022287	1.022479	1.022245	1.022309	1.021967
Avg: 1.022471									

-4.5A O/P Current Accuracy

-4.60880	-4.60947	-4.60959	-4.60943	-4.60934	-4.60912	-4.60940	-4.60950	-4.60955	-4.60950
Avg: (V) -4.609369			Readback: -4.48926			Calc: (A) -4.508069			

Current Limit

Ilim 4.539019	Display Trip? YES	Current Verification Status PASS
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AC Ohms

100.1408	100.1384	100.1394	100.1385	100.1394	100.1411	100.1413	100.1411	100.1427	100.1422
Avg: 100.140									

Master Meter Ohms

100.04376	100.04344	100.04334	100.04269	100.04312	100.04291	100.04323	100.0428	100.04323	100.04269
Avg: 100.043		AC Ohms Verification Status: PASS							

Results JPS003F rev 1

Procedure: JPS003P	Keithley 2510	Sheet 2 of 2
Serial Number: 0	Customer Reference Number: 0	Certificate Number: 0
Date: 0-Jan-00	Calibrated By: 0	
Reference Equipment Used: JPS0231A, JPS0029A, JPS0024A		

100 Ohm Thermistor

100.0409	100.0416	100.0429	100.0419	100.0422	100.0424	100.0447	100.0429	100.0427	100.0412
Avg		100.042							

100 Ohm Master Meter

100.04312	100.04312	100.04291	100.04334	100.04323	100.04334	100.04259	100.04323	100.04323	100.0428
Avg		100.043							
		100 Ohm Verification Status: PASS							

1 kohm Thermistor

995.9854	995.9547	996.2444	996.2495	996.215	996.2054	996.2241	996.2538	996.2499	996.2333
Avg		996.18							

1 kohm Master Meter

996.21474	996.21346	996.21196	996.21068	996.21068	996.21025	996.20929	996.20875	996.20961	996.20854
Avg		996.21							
		1 kohm Verification Status: PASS							

10 kohm Thermistor

9972.538	9972.538	9973.215	9971.737	9971.737	9971.664	9971.785	9971.76	9971.839	9971.77
Avg		9972.06							

10 kohm Master Meter

9973.9461	9973.915	9973.8871	9973.901	9973.8967	9973.8914	9973.8924	9973.8892	9973.9128	9973.8753
Avg		9973.90							
		10 kohm Verification Status: PASS							

100 kohm Thermistor

100266.5	100258.7	100267.9	100266.3	100263.7	100264.3	100262.3	100267.5	100267.5	100266.1
Avg		100265.1							

100 kohm Master Meter

100294.07	100277.51	100281.93	100295.11	100302.18	100306.02	100275.13	100284.29	100290.7	100290.87
Avg		100289.8							
		100 kohm Verification Status: PASS							

Comments:

Procedure : As detailed in Keithley 2510 Service Manual 2510-902-01 Rev D
 Specifications : As detailed in Keithley 2510 Service Manual 2510-902-01 Rev D Appendix A

Ref	Description	Cal Due
JPS0231A	Agilent 3458a 8.5 Digit Multimeter	
JPS0029A	1ohm 100W RUG Resistor	
JPS0024A	Decade Box	