

OPERATIONAL TEST CARD - 1 YEAR LIMITS

Keysight Model 3458A Digital Multimeter

Test Performed By ACA

Serial Number 2823A 01704 vs. 2823A 01045 (calibrated 28-Jul-22)

Date 24-Nov-22

CAL? 60 36.85

TEMP? 41.4

Difference 4.55 - (must be less than 5 degrees C)

Perform an ACAL OHMS

Test #	3458A Input	3458A Range	Transfer Standard Reading	Unit Under Test Reading	Difference	Limit (Std)	Limit (Opt 002)	Pass	Fail
<b>2-Wire Ohms Function Offset Tests</b>									
1	Short (Front terminals)	10 Ω	N/A	<u>-0.00836</u>	N/A	00.25007	00.25007	<u>Pass</u>	
2	Short (Rear terminals)	10 Ω	N/A	<u>+0.00482</u>	N/A	00.25007	00.25007	<u>Pass</u>	
<b>4-Wire Ohms Function Gain Test</b>									
3	10 KΩ	10 KΩ	<u>9.999,652K</u>	<u>9.999,657K</u>	<u>0.000,005K</u>	00.000142	00.000142	<u>Pass</u>	
CAL? 59 <u>36.85</u>									
TEMP? <u>41.5</u>									
Difference <u>4.65</u> - (must be less than 5 degrees C)									
Perform an ACAL DCV									
<b>DC Voltage Function Gain Test</b>									
4	10 V	10 V	<u>10.000,784V</u>	<u>10.000,764V</u>	<u>0.000,020V</u>	00.0000892	00.0000624	<u>Pass</u>	
5	-10 V	10 V	<u>-10.000,776V</u>	<u>-10.000,724V</u>	<u>-0.000,052V</u>	00.0000892	00.0000624	<u>Pass</u>	
<b>DC Voltage Function Offset Test</b>									
6	Short	10 V	N/A	<u>0.000,0006V</u>	N/A	00.0000023	00.0000023	<u>Pass</u>	