

# MST-0421

MWA ASC PCB

## Test: Resistance check

Serial number:	001
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Date:	13 Dec 2010

### Test procedure

1. Confirm:
  - R33 removed from each channel*
2. Resistance Check:
  - On P100 pin 1 (or 2) to pin 3 (or 4)  $\_3.21\ M\ \_\_\_\_ \Omega$  not shorted*
  - On each channel R41 to GND  $\_\_\_\_\_\_ \Omega$  not shorted*
    - channel 1 - R41 to GND  $\_49.5\ k\ \_\_\_\_ \Omega$  not shorted*
    - channel 2 - R41 to GND  $\_49.3\ k\ \_\_\_\_ \Omega$  not shorted*
    - channel 3 - R41 to GND  $\_50.1\ k\ \_\_\_\_ \Omega$  not shorted*
    - channel 4 - R41 to GND  $\_50.0\ k\ \_\_\_\_ \Omega$  not shorted*
    - channel 5 - R41 to GND  $\_50.6\ k\ \_\_\_\_ \Omega$  not shorted*
    - channel 6 - R41 to GND  $\_49.6\ k\ \_\_\_\_ \Omega$  not shorted*
    - channel 7 - R41 to GND  $\_49.2\ k\ \_\_\_\_ \Omega$  not shorted*
    - channel 8 - R41 to GND  $\_49.2\ k\ \_\_\_\_ \Omega$  not shorted*
  - On each channel R47 to GND  $\_5.7\ \_\_\_\_ \Omega$  not shorted (for all)*
3. Visually Check on each channel:
  - 9V & 5V rails are not shorted by optional 0R installation*
  - (Only one of R7/R8 & R14/R15 resistors should be installed.)*

<i>Channel 1</i>	<i>R7</i>	<input type="checkbox"/>	<i>R8</i>	<input type="checkbox"/>	<i>R14</i>	<input checked="" type="checkbox"/>	<i>R15</i>	<input type="checkbox"/>
<i>Channel 2</i>	<i>R7</i>	<input type="checkbox"/>	<i>R8</i>	<input type="checkbox"/>	<i>R14</i>	<input checked="" type="checkbox"/>	<i>R15</i>	<input type="checkbox"/>
<i>Channel 3</i>	<i>R7</i>	<input type="checkbox"/>	<i>R8</i>	<input type="checkbox"/>	<i>R14</i>	<input checked="" type="checkbox"/>	<i>R15</i>	<input type="checkbox"/>
<i>Channel 4</i>	<i>R7</i>	<input type="checkbox"/>	<i>R8</i>	<input type="checkbox"/>	<i>R14</i>	<input checked="" type="checkbox"/>	<i>R15</i>	<input type="checkbox"/>
<i>Channel 5</i>	<i>R7</i>	<input type="checkbox"/>	<i>R8</i>	<input type="checkbox"/>	<i>R14</i>	<input checked="" type="checkbox"/>	<i>R15</i>	<input type="checkbox"/>
<i>Channel 6</i>	<i>R7</i>	<input type="checkbox"/>	<i>R8</i>	<input type="checkbox"/>	<i>R14</i>	<input checked="" type="checkbox"/>	<i>R15</i>	<input type="checkbox"/>
<i>Channel 7</i>	<i>R7</i>	<input type="checkbox"/>	<i>R8</i>	<input type="checkbox"/>	<i>R14</i>	<input checked="" type="checkbox"/>	<i>R15</i>	<input type="checkbox"/>
<i>Channel 8</i>	<i>R7</i>	<input type="checkbox"/>	<i>R8</i>	<input type="checkbox"/>	<i>R14</i>	<input checked="" type="checkbox"/>	<i>R15</i>	<input type="checkbox"/>

### Comments

Additional resistance checks are available for debugging but are not envisaged as necessary for normal production.