RR-4.5: PMT HV POWER SUPPLY (pg 1 of 2)



Removal

- 1. Remove Enclosure Assembly (RR-1.3).
- 2. Remove Protective Wire Cover (RR-2.7).
- 3. Raise Display to upright position (RR-8.1.1).
- 4. Disconnect high voltage coax cable from MEIA Optics:
 - a. Loosen coax cable bracket mounting screw.
 - b. Slide bracket down.
 - c. Disconnect cable.

NOTE: It may be necessary to remove the mounting screw from the sheet metal bracket to remove the Power Supply.

- Remove PMT HV Power Supply:
 - Remove mounting screw at front of supply.
 - b. Pull supply forward to disconnect from edge connector.
 - c. Lift supply up and pull forward to remove.

Replacement

- 1. Install PMT HV Power Supply:
 - a. Plug supply into edge connector.
 - b. Secure supply with mounting screw.
- Connect high voltage coax cable to MEIA Optics:
 - a. Connect cable.
 - b. Slide bracket up into position.
 - c. Tighten bracket mounting screw.

4 Removal & Replacement Procedures LCx[®] Analyzer Service Manual (Text P/N 47278-102)

RR-4.5: PMT HV Power Supply 4 - 50

PL-4

Chapter Manual Contents

CD Main Screen

Index

RR-4.5: PMT HV Power Supply (pg 2 of 2)

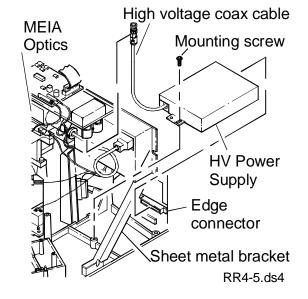
Replacement (cont)

- 3. Install Protective Wire Cover.
- 4. Reposition and secure Display Assembly.
- Secure sheet metal bracket with mounting screw (if removed).
- 6. Install Enclosure Assembly.

Verification

Perform these procedures in this order:

- 1. MEIA Carousel Calibration (VP-30)
- 2. MEIA Photo Cal (VP-27A)



Removal & Replacement Procedures
LCx® Analyzer Service Manual (Text P/N 47278-102)

RR-4.5: PMT HV Power Supply 4 - 51 (02)

Chapter Manual CD Main Index Contents Contents Screen

PL-4