

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**4156C-04**

# S E R V I C E N O T E

Supersedes:  
NONE

## 4156C Semiconductor Parameter Analyzer

Serial Numbers: JP10J00101/JP10J00829

### LCD Picture Intermittently Reverses or is not Displayed

To Be Performed By: Agilent-Qualified Personnel

**Parts Required:**

<u>P/N</u>	<u>Description</u>	<u>Qty.</u>
04155-04045	LCD cable cover	1

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 0.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: JI      PRODUCT LINE: 1H		AGILENT RESPONSIBLE UNTIL: November, 2005	
ADDITIONAL INFORMATION:			

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**Situation:**

The 4156C within the listed serial number range may have the problem that the LCD picture intermittently reverses or is not displayed. The cause of the problem is that the PC board stresses the LCD cable, and the cable connection becomes loose.

**Solution/Action:**

When the 4156C is sent to Agilent service center for a repair, check if the LCD cable is securely connected, and add the LCD cable cover (p/n 04155-04045) to prevent the stress from the PC board.

LCD cover  
(p/n: 04155-04084)

LCD cable cover  
(p/n 04155-04045)

Keyboard decoder  
(p/n: 04155-66547)



**Front panel assembly**

After the LCD cable cover is installed, execute the display diagnostics to check the LCD functionality.