

S E R V I C E N O T E

SUPERSEDES: None

**54645A Oscilloscope**

**Serial Numbers:** US36110064 / US36320113

**Potential Capacitor Failure in the 15.75 Volt Power Supply on the Main Board Assembly.**

**Duplicate Service Notes:** 54645A-01, 54645D-01

**To Be Performed By:** Agilent-Qualified Personnel Only

**Parts Required:** P/N 54645-68701 and 54645-68702

**Note**

Surface Mount soldering tools required

**Situation:**

The main board P/N 54645-66503 has two over stressed capacitors loaded in the 15.75 Volt supply of the main assembly. There is a high probability that these capacitors will overheat and fail. This failure does not cause a safety hazard, but could prevent the instrument from operating.

**Solution/Action:**

Capacitors C327 and C328 should be replaced in accordance with the instructions contained in the Capacitor Repair Kit 54645-68701. Also install new ROMs at this time in accordance with the instructions contained in ROM Upgrade Kit 54645-68702.

DATE: October 1996

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input checked="" type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	Labor 1.5 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 checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AUTHOR: TG	ENTITY: 0840	AGILENT RESPONSIBLE UNTIL: October 1997	
		ADDITIONAL INFORMATION:	