

## S E R V I C E      N O T E

SUPERSEDES: None

**70310A Precision Frequency Reference**

Serial Numbers: 0000A00000 / 3127A02333

**Radiated Emissions Improvement**

To Be Performed By: Agilent-Qualified Personnel

**Parts Required:**

Part No.	Description
9100-2558	Shielded Inductor 47 uH

**Situation:**

Emissions are radiating from the switch address cutout in the side cover. The emissions are occurring at approximately 6 MHz and are being caused by the A2 processor clock.

**Solution/Action:**

Follow the A2 assembly removal procedures in the 70310A service manual. On the 70310-60038 A2 assembly change L202 from a 47 uH standard molded inductor to a 47 uH shielded inductor, P/N 9100-2558. This will improve the 6 MHz emissions by about 6 dB. Perform the 70310A Final Tests from the Module Verification Software Revision B.01.00 or later.

DATE: 01 August 1993

## 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 2.0 hrs		
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 checked="" type="checkbox"/> SEE TEXT	USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		AGILENT RESPONSIBLE UNTIL: 01 August 1995		
AUTHOR: RDS	ENTITY: 4500	ADDITIONAL INFORMATION:			