

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**N8973A-05A**

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

Supersedes:  
N8973A-05

## Agilent N8973A Noise Figure Analyzer

Serial Numbers: GB44460139, GB44460147, GB44460148

### Potential RF Self-Test Errors

To Be Performed By: Agilent-Qualified Personnel or Customer

#### Parts Required:

P/N	Description	Qty.
N8972-60012	BF1 RF ASSY (opt 1D4)	1
OR		
N8972-60013	BF1 RF ASSY (opt 1D5)	1

### ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	X IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR: 2.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE X SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP X SEE TEXT <input type="checkbox"/> SEE TEXT
TEXT		USED PARTS:	<input type="checkbox"/> RETURN X SCRAP <input type="checkbox"/> SEE <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: 11-Feb-2007	
AUTHOR: FC	PRODUCT LINE: PN		
ADDITIONAL INFORMATION : This issue does not affect any inventory held by Agilent's Parts Organization.			

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**Situation:**

A very small number of Agilent N8973A units have been shipped with potentially faulty RF Assemblies. Due to a manufacturing error, there is a possibility that a track on the RF Assembly can short out against the metal can used on these assemblies. If the situation should arise that the RF Assembly fails due to this error, the unit will exhibit various RF Self-Test errors.

**Solution/Action:**

If any of the units listed above are received at the service center please change the A8 RF Assembly and perform all performance tests / calibration.