

MODIFICATION RECOMMENDED

N4000A-03

S E R V I C E N O T E

Supersedes:
NONE

N4000A - SNS Noise Source

Serial Numbers: MY44421097, MY44421115, MY44421133, MY44421141, MY44421144, MY44421145, MY44421154, MY44421168, MY44421172, MY44421173, MY44421190 / MY44421193, MY44421195, MY44421201, MY44421206, MY44421213, MY44421230 / MY44421233, MY44421235, MY44421244, MY44421249

N4000A with option 001, Type-N(m) connector only can cause the measured noise figure value of a device under test to be as much as 0.30 dB higher than it really is.

Parts Required:

P/N	Description	Qty.
NONE		

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS	LABOR: 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	December, 2010	NO CHARGE AVAILABLE UNTIL: December, 2010	
AUTHOR:	bad	PRODUCT LINE: 12	
ADDITIONAL INFORMATION: This service note only applies to the serial numbers listed above specifically on the N4000A with option 001.			

© AGILENT TECHNOLOGIES, INC. 2009
PRINTED IN U.S.A.

November 19, 2009

Rev. 16



Situation:

Incorrectly applied excessive noise ratio (ENR) values that were programmed into the N4000A option 001 EEPROM can cause the measured noise figure value of a device under test to be as much as 0.30 dB higher than it really is. If the serial number mentioned above had an accredited calibration such as an ANSI-Z540 or ISO17025 performed, no action is required.

Solution/Action:

If optimum accuracy is needed, go to <http://www.agilent.com/find/assist> to find the correct phone number based on geographic region to call and schedule a convenient time for recalibration at a local Agilent Service Center at no charge.