N4000A-03 <u>S E R V I C E N O T E</u>

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/NDescriptionNONE

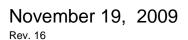
Qty.

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	[[]] ON SPECIFIED FAILURE X AGREEABLE TIME	STANDARDS LABOR: 1.0 Hours	
LOCATION CATEGORY:	[[]] CUSTOMER INSTALLABLE [[]] ON-SITE X SERVICE CENTER [[]] CHANNEL PARTNER	SERVICE [[]] RETURN INVENTORY: [[]] SCRAP X SEE TEXT	USED [[]] RETURN PARTS: [[]] SCRAP X 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.

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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 <u>http://www.agilent.com/find/assist</u> 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.