

N8975A-09

S E R V I C E N O T E

Supersedes:
NONE

N8975A - Noise Figure Analyzer

Serial Numbers: ALL

Instrument firmware version A.01.13 may improve Analyzer Noise Figure results in low band at 3.0 GHz by as much as 1-2 dB.

Parts Required:

| P/N | Description | Qty. |
|------|-------------|------|
| NONE | | |

ADMINISTRATIVE INFORMATION

| | | |
|-------------------------------|---|--|
| SERVICE NOTE CLASSIFICATION: | | |
| MODIFICATION AVAILABLE | | |
| ACTION CATEGORY:: | AGREEABLE TIME | X PERFORMANCE ENHANCEMENT [] SERVICE / RELIABILITY ENHANCEMENT |
| LOCATION CATEGORY: | X CUSTOMER INSTALLABLE X ON-SITE X SERVICE CENTER X CHANNEL PARTNERS | AVAILABILITY: Until the end of N8975A support life. |
| AUTHOR: BAD | | PRODUCT LINE: PL12 |
| ADDITIONAL INFORMATION: | | |

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

October 27, 2009

Rev. 16



Agilent Technologies

Situation:

Updating the NFA instrument firmware to version A.01.13 has shown improvements to the Analyzer Noise Figure results in low band at 3.0 GHz by as much as 1-2 dB. Changes were made in version A.01.13 to increase the I.F. gain. This increase has improved overall system noise figure at some frequency points, and thereby may improve the analyzer noise figure results. Analyzers that have failed specifically at 3.0 GHz in band 0 have seen improvements by as much as 2 dB.

Solution/Action:

Go to http://www.agilent.com/find/nfa_firmware Download and install version A.01.13 instrument firmware to six freshly formatted floppy disks. A complete set of download instructions along with the revision history can be found at this website as well.