

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

SUPERSEDES: None

**8753E Vector Network Analyzer****Serial Numbers:** US00000000/US99999999 and JP00000000 to JP99999999**Re-written System Verification and Performance Tests section in Manual****Situation:**

All editions of the 8753E Service Guides and the System Verification and Performance Test Guides prior to February 1999 incorrectly state an equivalence between the System Verification Procedure and the Performance Tests when used for periodic instrument calibration. The part numbers affected are: 08753-90374 and 08753-90394 for the 8753E and 08753-90404 and 08753-90395 for the 8753E Option 011.

**Solution / Action:**

The February 1999 edition of the affected manuals corrects the error described. The introduction to the section, "System Verification and Performance Tests", of these manuals was re-written to clarify the difference between the System Verification Procedure and the set of Performance Tests. In summary:

The System Verification Procedure confirms System Specifications. The Performance Tests confirm Instrument Specifications.

System Specifications cover the warranted performance of the network analyzer measurement system after applying error-correction. The measurement system consists of the network analyzer, the calibration kit used for error correction, and the test cables.

DATE: September 1999

## ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

**INFORMATION ONLY**

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ADDITIONAL INFORMATION:



Instrument Specifications cover warranted performance of the network analyzer. The instrument's output and input behavior as well as its uncorrected port performance are included in these specifications.

The Certificate of Calibration given for successful completion of the System Verification Procedure is issued with a "System Attachment" that covers the network analyzer measurement system as defined above.

The Certificate of Calibration given for successful completion of the Performance Tests covers the network analyzer test instrument. The Certificate is not issued with a System Attachment unless the System Verification Procedure is also performed or the calibration kit is re-certified.