

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

E4445A-11B

S E R V I C E N O T E

Supersedes:
E4445A-11A

PSA Series Spectrum Analyzer E4445A with Option B7J

Serial Numbers: **US00000000 / US41420159**
MY00000000 / MY41000054

Our quality records for the serial number range listed above indicates that the A27 Electronic Attenuator, P/N E4440-60022, fail rate is higher than normal. The electronic attenuator is used in instruments with Option B7J . This failure is caused by a vendor-supplied component in the assembly. A newly designed Electronic Attenuator is available (P/N E4440-60432) that eliminates this problem.

To Be Performed By: Agilent Service Personnel

Parts Required:

| P/N | Description | Qty. |
|-------------|-----------------------|-------------|
| E4440-60432 | Electronic Attenuator | 1 |

ADMINISTRATIVE INFORMATION

| | | | |
|---------------------------------|---|--|---|
| SERVICE NOTE CLASSIFICATION: | | | |
| MODIFICATION RECOMMENDED | | | |
| ACTION CATEGORY: | <input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME | STANDARDS: LABOR: 4.0 Hours | |
| LOCATION CATEGORY: | <input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER | SERVICE INVENTORY: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> X SCRAP <input type="checkbox"/> SEE TEXT | USED PARTS: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> X SCRAP <input type="checkbox"/> SEE TEXT |
| AVAILABILITY: | 2 Years | AGILENT RESPONSIBLE UNTIL: January 1, 2007 | |
| AUTHOR: BS | PRODUCT LINE: 12 | | |
| ADDITIONAL INFORMATION: | | | |

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Situation:

Instruments within the above serial number range may be affected by a failure of the Electronic Attenuator P/N E4440-60022. A failure can occur during the periodic alignment procedure performed automatically by the instrument. Several error messages will be displayed including the following error message:

E-atten failure

Solution/Action:

This should be performed only on instruments within the above serial number range and have Option B7J.

Replace the E4440-60022 electronic attenuator in all instruments within the serial number range listed above with the electronic attenuator P/N E4440-60432. If the electronic attenuator currently installed in the instrument is P/N E4440-60432, this service note does not apply.

A label must be applied to the rear of the instrument indicating that this service note has been performed. This label will need to be created at the service center.

Example label:

**Service Note
E4445A-11B**

Note:

Also see service notes E4445A-10B and E4445A-12B. If they are also applied to the instrument, include them on the label.