

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**E4443A-11B**

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

Supersedes:  
E4443A-11A

**PSA Series Spectrum Analyzer E4443A with Option B7J**

**Serial Numbers: US00000000 / US41420176  
MY00000000 / MY4100014**

**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:**

<b>P/N</b>	<b>Description</b>	<b>Qty.</b>
E4440-60432	Electronic Attenuator	1

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
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  
E4443A-11B**

**Note:**

Also see service notes E4443A-10B and E4443A-12B. If they are also applied to the instrument, include them on the label.