

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**E4440A-13B**

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

Supersedes:  
E4440A-13A

**PSA Series Spectrum Analyzer E4440A**

**Serial Numbers: US00000000 / US41421524  
MY00000000 / MY41000089**

**Our quality records for the serial number range listed above indicates that the A14 and A15 mechanical attenuator fail rate is higher than normal. This only affects instruments within the serial range listed above. Attenuators shipped after this serial number break are not affected.**

**To Be Performed By: Agilent Service Personnel**

**Parts Required:**

<b>P/N</b>	<b>Description</b>	<b>Qty.</b>
33360-60003	A14 Attenuator	1
33321-60058	A15 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"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> 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 either of the A14 or A15 input attenuators. Amplitude errors may be seen in various attenuator settings or a failure can occur during the periodic alignment procedure performed automatically by the instrument. Depending on which attenuator stage fails, several error messages will be displayed including the following error message:

Calibration failed, ATTEN\_STEPS

**Solution/Action:**

**This should be performed only on instruments within the above serial number range.**

Replace both the 33360-60003 and the 33321-60058 input attenuators in all instruments within the serial number range listed above.

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  
E4440A-13B**

**Note:**

Also see service notes E4440A-11B and E4440A-12B. If they are also applied to the instrument, include them on the label.