

S E R V I C E N O T E

SUPERSEDES: NONE

**ESA Spectrum Analyzer family.with option UKB**

**Serial Numbers:**

- E4402B US39010101 / US99999999 (Option UKB only)
- E4404B US39010101 / US99999999
- E4405B US39010101 / US99999999
- E4407B US39010101 / US99999999 (Option UKB only)

**Instruments within this serial range that have firmware revision less than or equal to A.05.00 will fail frequency response performance tests, AC coupled, at 100 kHz center frequency**

**Duplicate Service Notes:**

- E4402B-09
- E4404B-08
- E4405B-08
- E4407B-08

**To Be Performed By:** Agilent Service Centers Only

*Continued*

DATE: November 2001

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:					
<b>MODIFICATION RECOMMENDED</b>					
ACTION CATEGORY:	<input checked="" type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 1.0 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 type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT	USED PARTS:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		AGILENT RESPONSIBLE UNTIL: End of GMS period		
AUTHOR: BD	ENTITY: 5320	ADDITIONAL INFORMATION:			



**Parts Required:**

Firmware upgrade which can be obtained three different ways:

- 1) Order as an E440XBU option UE2 or E740XBU option UE2
- 2) Download latest instrument firmware from the customer viewable website at:  
<http://www.agilent.com/find/esa> or <http://www.agilent.com/find/emc>
- 3) Download the latest instrument firmware from our internal service website at:  
<http://mktwww.soco.agilent.com/field/service/signal/esa/firmware>

**Situation:**

Firmware versions less than or equal to A.05.00 do not apply the frequency response corrections while in AC coupled mode.

**Solution / Action:**

Upgrade the instrument firmware in order to get the test to pass.