

MODIFICATION RECOMMENDED –  
CORRECTS MANUFACTURING OR DESIGN DEFECTS

**E4402B-17**

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

Supersedes:  
None

## Agilent ESA-E series Spectrum Analyzers Upgrade option B7D/B7E.

**Serial Numbers:** MY45108696-MY45109804

Go to [http://sa.tm.agilent.com/ESA/Service\\_Notes/E4407B-17.html](http://sa.tm.agilent.com/ESA/Service_Notes/E4407B-17.html) to check exact coverage. In case the RF is not compatible with the upgrade option B7D/B7E, use this service note.

### RF compatibility check for the upgrade option B7D/B7E

**To Be Performed By:** Service Center

**Parts Required:**

P/N	Description	Qty.
E4403-60086	RF assembly	1

### ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
<b>MODIFICATION RECOMMENDED</b>		
ACTION CATEGORY: <input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 3.5 Hours+Calibration	
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 type="checkbox"/> SEE TEXT
AVAILABILITY: PRODUCT SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: End of Support life.	
AUTHOR: DC	PRODUCT LINE: 12	
ADDITIONAL INFORMATION:		

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**Situation:**

The RF assembly in these units might not be compatible with the option B7D/B7E upgrade. If the option B7D/B7E upgrade is performed with the RF assembly present in the unit, a message Systems>Alignments>Align Now All Required will constantly show up on the screen.

**Solution/Action:**

Go to [http://sa.tm.agilent.com/ESA/Service\\_Notes/E4407B-17.html](http://sa.tm.agilent.com/ESA/Service_Notes/E4407B-17.html), select the model number and enter the serial number of the unit. If the RF assembly is not compatible with the B7D/B7E upgrade, send the unit to the service center. The service center will update the RF assembly to the compatible one and do the option B7D/B7E upgrade. If the E4402B bears a valid Agilent calibration sticker, a full calibration will be performed at Agilent cost. The cost for RF assembly change and labor will also be covered by Agilent. The customer will have to pay for the B7D/B7E upgrade option hardware. Send the RF assembly in the unit back to SPO in the exchange loop for repair.