

INFORMATION ONLY – DOES NOT COMMUNICATE  
A MODIFICATION OR SAFETY CONDITION

**E7403A-11**

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

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Supersedes:  
NONE

**E7403A EMC Analyzer**

**Serial Numbers: All**

**A8A1 RF Assembly Replacement Part Numbers**

**Parts Required:**

<b>P/N</b>	<b>Description</b>	<b>Qty.</b>
NONE		

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION: <b>INFORMATION ONLY</b>
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ADDITIONAL INFORMATION:

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**Situation:**

In the recent past the A8A1 RF assembly in this product has gone through a couple of revisions that have caused the replacement part numbers to change, and there has been much confusion as to what part is correct for a given instrument.

Just prior to any of these changes instruments without option 1D5 (High Stability Frequency Reference) shipped with A8A1 assembly part number E4403-60073, while all instruments with this option shipped with A8A1 assembly part number E4403-60074.

The first change was due to a production process through-put improvement and was made with serial prefix MY4421 / US4421 / SG4421. From this point on all instruments, whether they had option 1D5 or not, shipped with A8A1 assembly part number E4403-60074.

The second change was related to a specification improvement and was made at serial prefix MY4510 / US4510 / SG4510. From this point on all instruments, whether they had option 1D5 or not, shipped with A8A1 assembly part number E4403-60080.

As can be seen, this can be very confusing without all of the facts when it comes to knowing which replacement part to use for the A8A1 assembly.

**Solution/Action:**

Please follow the below information for determining what A8A1 RF assembly part number to use in repairing any instrument.

Serial Prefix		Option 1D5	A8A1 Part Number
From	Through		
MY0000 / US0000 / SG0000	MY4420 / US4420 / SG4420	No	E4403-69073 <sup>1</sup>
		Yes	E4403-69074 <sup>1</sup>
MY4421 / US4421 / SG4421	MY4509 / US4509 / SG4509	No	E4403-69074 <sup>1</sup>
		Yes	E4403-69074 <sup>1</sup>
MY4510 / US4510 / SG4510	MY9999 / US9999 / SG9999	No	E4403-60080 <sup>2</sup>
		Yes	E4403-60080 <sup>2</sup>

<sup>1</sup> The new part is no longer available so this exchange assembly will need to be used.

<sup>2</sup> There is also an exchange assembly available for this part (E4403-69080).

There is one exception to this rule:

If the instrument has a serial prefix of MY4509 / US4509 / SG4509 or less but it has a “50Ω 3 GHz Input” assembly part number of E4403-60079 or newer you must use the E4403-60080 assembly. This information can be found in the instruments [System] {More} {Show Hdwr} screen.

**Please Note:**

Failure to adhere to the above requirements may cause customer dissatisfaction in terms of future option 1D5 upgrades or the analyzer not meeting certain published specifications.