

# E4407B-15A

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

Supersedes:  
E4407B-15

## E4407B ESA Series Spectrum 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:

**INFORMATION ONLY**

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ADDITIONAL INFORMATION:

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**Situation:**

Until recently, there were a couple of different part numbers for the ESA RF assembly. As a reference from the service note E4407B-15, the table used for the RF assembly replacement till now was as below:

| Serial Prefix            |                          | Option 1D5 | ASA1 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).

In the recent past, there was a reliability improvement done on the ESA RF assembly. The new RF assembly has the part number E4403-60087 and it's exchange is E4403-69087. As a result of this reliability improvement, the older part numbers for the ESA RF assembly are no longer available. Now there are is only one part number available for the RF assembly, E4403-60087 and it's exchange assembly E4403-69087. Due to the higher reliability of the E4430-60087, there will be less failures and the availability of exchange assembly E4403-69087 is not guaranteed.

**Solution/Action:**

1. Order E4403-69087 or E4403-60087 for all ESA series analyzers (except E4401B and E4411B), irrespective of the model number and the option configuration of the unit.
2. Due to the higher reliability of the E4430-60087, there will be less failures and the availability of exchange assembly E4403-69087 is not guaranteed. **If E4403-69087 is not available, please order E4403-60087.**