E4438C-12

S E R V I C E   N O T E

Supersedes:

E4438C Vector Signal Generator

This service note applies only to ESG-C units that have E4400-60505 and E4400-60514 output board assemblies.

Note: If a unit has an E4400-60659 output assembly already installed. The service note does **NOT** apply.

E4438C - Output assemblies (A13) with p/n E4400-60505 and E4400-60514 are obsolete. They are replaced by the E4400-60659 assembly. Replacement of A13 requires the unit to be sent to an Agilent service center for installation.

Parts Required:

P/N	Description	Qty.
E4400-60659	A13 Output board assembly	01

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:
INFORMATION ONLY
AUTHOR: MW   PRODUCT LINE: 15
ADDITIONAL INFORMATION:

© AGILENT TECHNOLOGIES, INC. 2006
PRINTED IN U.S.A.

Agilent Technologies

April 13, 2006

Situation:

The new E4400-60659 board was developed to improve reliability of
the E4400-60505 and the E4400-60514 boards. Also to address
output board parts that have been discontinued.
With the migration over to the E4400-60659 board some of
operational characteristics have changed from the previous
assemblies. To ensure proper functionality of the E4400-60659
assembly, several calibration arrays were updated.

The new E4400-60659 assembly will not be recognized by the unit
firmware if the firmware is less than C.03.73. In such cases the
configuration error -617 will be displayed "Assembly not
detected".

Solution/Action:

When a customer or self maintainer has a unit that requires an
output board to be replaced and the unit currently has an E4400-
60505 or E4400-60514 board.
Send the unit into an Agilent service center for installation of
the new E4400-60659 assembly.

Firmware will be upgraded to latest released version (greater
than C.03.73).

Service center will run the installation patch utility for E4400-
60659.

Service center will use the latest release of E4438C TME software
to perform adjustment and verification of the replaced A13 output
board assembly.

If a unit has an E4400-60659 output assembly already installed.
The service note does **NOT** apply.