

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

N4433A-01

S E R V I C E N O T E

Supersedes:
None

N4433A 4-Port Microwave Electronic Calibration (ECal) Module

| Serial Numbers | | |
|------------------------|------------------------|------------------------|
| MY46180107/ MY46180110 | MY46180127/ MY46180132 | MY46180153/ MY46180154 |
| MY46180113/ MY46180119 | MY46180134/ MY46180146 | - |

The ECal module LED won't light due to a faulty switch on a PCA. With the LED unlit, the ECal module can't function properly. The short-term fix is for customers to disconnect and reconnect the USB connector, enabling the LED to light. The long-term fix is for Agilent Service Centers (Roseville, CA and Winnersh, UK) to replace the PCA at no cost to the customer.

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

| P/N: | Description | Qty. |
|-------------|------------------------|-------------|
| 5065-9871 | 4-Port ECal Bottom PCA | 1 |

ADMINISTRATIVE INFORMATION

| | | |
|--|---|---|
| SERVICE NOTE CLASSIFICATION: | | |
| MODIFICATION RECOMMENDED | | |
| ACTION CATEGORY: | IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME | STANDARDS: LABOR: (REPAIR) 1.0 Hour (CALIBRATE) 4.0 Hours TOTAL 5.0 Hours |
| LOCATION CATEGORY: | CUSTOMER INSTALLABLE ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER | SERVICE INVENTORY: <input checked="" type="checkbox"/> RETURN SCRAP SEE TEXT USED PARTS: <input checked="" type="checkbox"/> RETURN SCRAP SEE TEXT |
| AVAILABILITY: | PRODUCT'S SUPPORT LIFE | Agilent responsible until: Product's support life ends. |
| AUTHOR: MF PRODUCT LINE: WN | | |
| ADDITIONAL INFORMATION: This Service Note applies to the following product only: N4433A. | | |

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October 18, 2006

Situation:

A bad DG413Y analog switch IC (date code 0612AG) on the 4-port ECal bottom PCA won't allow the ECal module LED to light. With the LED unlit, the ECal module can't function properly. The short-term fix is for customers to disconnect and reconnect the USB connector, enabling the LED to light. The long-term fix is for Agilent Service Centers (Roseville, CA and Winnersh, UK) to replace the PCA at no cost to the customer.

Solution/Action:

When an N4433A ECal module within the specified serial number range arrives in the Service Center for calibration or repair, the DG413Y analog switch IC should be inspected for its date code. If it is 0612AG, the PCA (5065-9871) should be replaced.