

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

E1529B-01

S E R V I C E N O T E

Supersedes:
NONE

E1529B 32Ch remote strain cond. & voltage unit.

Serial Numbers: US00000000/US42120136

E1529B exhibits full scale voltage outputs

To Be Performed By: Agilent-Qualified Personnel or Customer

Parts Required:

P/N	Description	Qty.
E1529-69511*	Main PCA E1529A/B	1
* Rev 4239 or later		

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
MODIFICATION RECOMMENDED		
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS: LABOR: 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AGILENT RESPONSIBLE UNTIL: Nov 2004		
AUTHOR: DJM PRODUCT LINE: AR		
ADDITIONAL INFORMATION:		

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Situation:

An output op amp on the main pca of the E1529B, do to some power up timing issues, can hang up on startup and output a full scale voltage. This causes the entire module to “hang” and fail self test. Do to this behavior the part has been replaced in versions 4239 of the main board (e1529-66511) and later. It is possible some of the early versions of this board were used in repairs of the E1529A, and therefore this problem could under rare circumstances be present in the A version.

Solution/Action:

Boards exhibiting this type of failure should be exchanged using the normal service repair procedure for the newer version of the board. Verify replacement boards are of version 4239 or higher.