

MODIFICATION RECOMMENDED –
CORRECTS MANUFACTURING OR DESIGN DEFECTS

4287A-02

S E R V I C E N O T E

Supersedes:
[None]

Agilent 4287A RF LCR Meter

Serial Numbers: JP1KG00101/JP1KG00242

"Power on test failed" Error Message due to RF Switch Failure

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
04287-69553	A3 SOURCE BOARD	1
04287-69554	A4 RECEIVER BOARD	1

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: 4.0 Hours	
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: JANUARY 2004	
AUTHOR: HK		PRODUCT LINE: WN	
ADDITIONAL INFORMATION:			

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Situation:

RF switches(GaAs) on the old A3(04287-66503) and the old A4(04287-66504) boards of the 4287A may become faulty by humidity. When the failure is detected in the initial power-on test, "Power on test failed" error message is displayed.

Solution/Action:

Exchange the old type A3 and A4 boards with new A3 (04287-69553) and A4 (04287-69554) boards which have humidity-resistive RF switches. Even if either the A3 or A4 board is faulty, exchange both the A3 and A4 to prevent possible problem with the same RF switch.