

8753ES-03B

S E R V I C E N O T E

Supersedes:
8753ES-03A

8753ES RF Network Analyzer

Serial Numbers: 0000A00000 / US39174760

Old A10 (8753-60095) board causes points to be dropped from trace, if U28 was manufactured by Fairchild.

To Be Performed By: Agilent-Qualified Personnel

Parts Required:

P/N	Description	Qty.
U28	8182-1298	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: 1.0 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 checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: END OF SUPPORT	
AUTHOR: DYCS	PRODUCT LINE: WN		
ADDITIONAL INFORMATION:			

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Situation:

This Service note calls for the replacement of U28 on the A10 Board for all 8753es's, 8753ET's, with 08753-60095 A10 board and all 8753E's, if U28 has a vender marking of "F" which indicate it was manufactured by Fairchild. This action is in response to the Network Analyzer dropping the last four points of a trace in certain setups.

Solution/Action:

Changing U28 on the old A10 board (08753-60095) with 5182-1298 eliminates the dropped points problem. To test the solution put the Analyzer in Log sweep, with an IF bandwidth of 100 Hz, and then quickly change the number of points from 201 to 1601 using the Dial. If the trace sweeps correctly and there are no dropped points, the action is complete. If there is a problem, contact a customer support engineer at once.