E5023A-03

S E R V I C E   N O T E

Supersedes:
NONE

E5023A Hard Disk Read/Write Test System

Serial Numbers: See Action/Solution

Replace E5037C/D Data Generator Module when it does not output Ref Out signal (10 MHz).

To Be Performed By: Agilent-Qualified Personnel

Parts Required:
See Action/Solution

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:
MODIFICATION RECOMMENDED

ACTION CATEGORY:	[[]] IMMEDIATELY X ON SPECIFIED FAILURE [[]] AGREEABLE TIME	STANDARDS: LABOR: 0.5 Hours	

LOCATION CATEGORY:	[[]] CUSTOMER INSTALLABLE
	[[]] ON-SITE
	X SERVICE CENTER
		SERVICE [[]] RETURN
		INVENTORY: [[]] SCRAP
		            X SEE TEXT
			USED X RETURN
			PARTS: [[]] SCRAP
			         [[]] SEE TEXT

AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: Mar 2006	
AUTHOR: DK	PRODUCT LINE: WN		
ADDITIONAL INFORMATION:			

Agilent Technologies

March 12, 2004

Situation:
There is a parts miss-assembly in the E5037C and E5037D, Data Generator Module, specified in Solution/Action part serial number. These modules have high possibilities to cause a failure at Ref Out signal circuits. Once a failure caused, the Ref Out 10 MHz signal, which is connected to E5040A, drops its level and cannot output enough voltage level to keep signal synchronization. This makes write data incorrect.

Solution/Action:
When this Ref Out signal failure caused, replace the E5037C or E5037D module with a new service part with later revision.
Eligible module's hardware revision, serial number, and a replace parts number are as the following:

<u>For E5037C:</u>

Hardware revision: A, B, C   Note: A doesn't have a label, though B and C has a label.

Module Serial number: JP1KJ00101 to JP1KJ00326

Parts Required:
P/N	Description	Qty.
E5037-69004 (Rev D or later)	Data gen module 1.5 Gbps, refurbished	1

<u>For E5037D:</u>

Hardware revision: A   Note: A doesn't have a label.

Module Serial number: JP1KL00101 to JP1KL00164

Parts Required:
P/N	Description	Qty.
E5037-69005 (Rev. B or later)	Instrument, signal generator, refurbished	1

Retrofit Time
Assembly Time:	0.5 hour
Adjustment Time:	No need.
Performance Tests Time:	No need.
Total Time:	0.5 hour