S E R V I C E   N O T E

HP 3577A Network Analyzer

Serial Numbers: 0000A00000 / 9999Z99999

EPROMS replace masked ROMS

Situation:

The use of masked ROMS on the A13 processor board has been discontinued due to the obsolescence of those parts by the vendor.

Solution:

If a problem occurs with ROMS that were programmed with revision A or B firmware, then all 8 ROMS must be replaced with revision C EPROMS. A ROM upgrade kit, part number 03577-84402, is available that contains all eight revision C EPROMS. For boards that already have revision C parts installed, it is only necessary to replace the faulty part with the corresponding EPROM. The part numbers for revision C replacement are shown below.

Continued

DATE: 02 January 1992

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:
INFORMATION ONLY

AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
DWH	A100	

HEWLETT PACKARD

Reference Designation	EPROM Part No.(available)	Masked ROM Part No. (discontinued)
A13 U19	03577-60319	1818-3569
A13 U20	03577-60320	1818-3570
A13 U21	03577-60321	1818-3571
A13 U22	03577-60322	1818-3572
A13 U23	03577-60323	1818-3573
A13 U24	03577-60324	1818-3574
A13 U25	03577-60325	1818-3575
A13 U26	03577-60326	1818-3576

In the power-on self test of the ROMS, described in section 2-7 of the service manual, the ROM failure diagnostic message that appears on the 3577A display denotes which blocks are associated with the faulty ROM. There are only 8 ROMS on the A13 board but there are 16 blocks associated with these ROMS. When the ROM failure diagnostic message appears on the display, the block numbers are structured as follows.

Message	IC on A13
Block 1 or 3	U19
Block 2 or 4	U20
Block 5 or 7	U21
Block 6 or 8	U22
Block 9 or 11	U23
Block 10 or 12	U24
Block 13 or 15	U25
Block 14 or 16	U26