S E R V I C E   N O T E

SUPERSEDES: None

E4411A Spectrum Analyzer
(Model Number ESA-L1500A)

Serial Numbers: US36450101 / US99999999

Processor Assy Troubleshooting Procedure to Clear SRAM

To Be Performed By: Agilent-Qualified Personnel

Situation:

The E4411A Processor may lock up under certain conditions where the SRAM becomes corrupted. Although this is an uncommon problem, it should be confirmed prior to replacing an A4 Processor Assembly.

Solution / Action:

Prior to replacing an A4 Processor Assembly, follow the CLEARING RAM procedure below to confirm that the failure is a hardware defect rather than corrupted SRAM.

Continued

DATE:March 1999

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
RA	5230	

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CLEARING RAM

If the power-on selftest indicates a RAM error (11111101 or 11111100), try clearing RAM as described below:

1. Turn the spectrum analyzer power off.

2. Set switch 1 of A4S1 (switch 1 is closest to the front of the analyzer) to the on (down) position.

3. Turn spectrum analyzer power on and wait 2 seconds.

4. Turn spectrum analyzer power off. Set switch 1 of A4S1 to the off (up) position.

5. Turn spectrum analyzer power on. The entire RAM has been set to 0.

Refer to the ESA-L1500A Spectrum Analyzer Service Guide for additional details