

E4440A-05A

S E R V I C E N O T E

Supersedes:
E4440A-05

PSA Series Spectrum Analyzer

Serial Numbers: US00000000 / US43362189
MY00000000 / MY43362474

Several of the +605 error messages Data Corrupt or Stable, NRAM copy of !... occur at power up. This is caused when the Non-volatile RAM battery backup has failed. This can be corrected by replacing the battery on the CPU board. The only effect of the error that has occurred is that the date and time need to be reset. The error messages occur incorrectly and were corrected in version A.05.06 firmware which was released January 2004. The latest firmware is available at http://www.agilent.com/find/psa_firmware

Parts Required:

P/N	Description	Qty.
1420-0314	Panasonic 3V BR2325	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:

INFORMATION ONLY

AUTHOR: BNN PRODUCT LINE: 12

ADDITIONAL INFORMATION:

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Situation:

The following error messages are generated by a fail NVRAM Battery;

Data Corrupt or Stable, NRAM copy of !LO_Tune_OFFs_CAL_FILE

Data Corrupt or Stable, NRAM copy of !LO_Tune_Gain_File

Data Corrupt or Stable, NRAM copy of !TCONV_50MHZ_ERR

Data Corrupt or Stable, NRAM copy of !TCONV_VAR_DAC_CAL_FILE

Data Corrupt or Stable, NRAM copy of !TCONV_TEM_COEF_CAL_FILE

Solution/Action:

Replace Battery P/N **1420-0314**