

**E4443A-04A**

**S E R V I C E N O T E**

Supersedes:  
E4443A-04

**PSA Series Spectrum Analyzer**

**Serial Numbers: US00000000 / US43360335  
MY00000000 / MY43360116**

**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](http://www.agilent.com/find/psa_firmware)**

**Parts Required:**

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

**ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION: <b>INFORMATION ONLY</b>
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**