Keysight B1500A
Semiconductor Device Analyzer
Keysight B1505A
Power Device Analyzer / Curve Tracer

Security Features and Volatility Documentation
**Instrument Memory and Volatility Information**

This document contains information on the types of memory available in your instrument. It explains the size of memory, how it is used, its location, volatility, and the sanitization procedure.

### Summary of instrument memory

<table>
<thead>
<tr>
<th>Memory Type and Size</th>
<th>Is Memory user accessible as a mass storage device?</th>
<th>Writable During Normal Operation?</th>
<th>Data Retained When Powered Off?</th>
<th>Purpose/Contents</th>
<th>Data Input Method</th>
<th>Location in Instrument and Remarks</th>
<th>Sanitization Procedure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Memory (RAM)</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>System operating memory</td>
<td>Operating system (not user)</td>
<td>CPU board</td>
<td>Cycle power</td>
</tr>
<tr>
<td>Build-in HDD (&gt;= 250GB)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>System software and user files</td>
<td>User-saved data</td>
<td>User data is completely sanitized when you remove the hard disk</td>
<td>Disk removal (see procedure)</td>
</tr>
<tr>
<td>DVD-Rom/CD-RW/CD-RW drive</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>System/Data Back-up Exported system setup/data</td>
<td>Operating system</td>
<td>User data is completely sanitized when you remove the media</td>
<td>Media removal</td>
</tr>
<tr>
<td>USB Mass Storage</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>System/Data Back-up Exported system setup/data</td>
<td>Operating system</td>
<td>User data is completely sanitized when you remove the media</td>
<td>Media removal</td>
</tr>
<tr>
<td>EEPROM</td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>Calibration Data</td>
<td>Service Center</td>
<td>Measurement board</td>
<td>N.A.</td>
</tr>
</tbody>
</table>
Build-in HDD removal & re-installation (sanitization) procedure

This is an instruction of build-in HDD removal and re-installation for the Keysight B1500A/B1505A. Please refer to the Keysight B1500A service manual (B1500-90907) and contact Keysight service center for more details.

Procedure to remove & re-install the HDD

Step 1: Removing Micro ATX Unit
   - See “Removing Micro ATX Unit” in the pages 256-258.

Step 2: Replacing HDD in the Micro ATX Unit
   - See “Micro ATX unit – detail on the page 252.

Step 3: Re-installing Micro ATX Unit
   - Refer to “Removing Micro ATX Unit” in the pages 256-258 to re-Install

NOTE) Below pages have the related information such as how many and where the screws are located, the cable wiring/connection information, etc.
   - Pages 232-236, 241-243

If HDD needs the software installation, follow the below procedure

Step 4: Installing Software
   - Pages 46-54; Installation after Hard Disk replacement

Step 5: Updating EasyEXPERT and Firmware to the latest revision
   - Page 58; EasyEXPERT and Firmware Update