Notices

© Keysight Technologies 2014–2018

No part of this manual may be reproduced in any form or by any means (including electronic storage and retrieval or translation into a foreign language) without prior agreement and written consent from Keysight Technologies, Inc. as governed by United States and international copyright laws.

Trademark Acknowledgments

Manual Part Number
E5071-90135

Edition
Edition 3, August 2018

Printed in Malaysia

Published by:
Keysight Technologies International Japan G.K,
1-3-3 Higashikawasaki-cho
Chuo-ku
Kobe-shi, Hyogo, Japan

Warranty

THE MATERIAL CONTAINED IN THIS DOCUMENT IS PROVIDED “AS IS,” AND IS SUBJECT TO BEING CHANGED, WITHOUT NOTICE, IN FUTURE EDITIONS. FURTHER, TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, KEYSIGHT DISCLAIMS ALL WARRANTIES, EITHER EXPRESS OR IMPLIED WITH REGARD TO THIS MANUAL AND ANY INFORMATION CONTAINED HEREIN, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. KEYSIGHT SHALL NOT BE LIABLE FOR ERRORS OR FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE FURNISHING, USE, OR PERFORMANCE OF THIS DOCUMENT OR ANY INFORMATION CONTAINED HEREIN. SHOULD KEYSIGHT AND THE USER HAVE A SEPARATE WRITTEN AGREEMENT WITH WARRANTY TERMS COVERING THE MATERIAL IN THIS DOCUMENT THAT CONFLICT WITH THESE TERMS, THE WARRANTY TERMS IN THE SEPARATE AGREEMENT WILL CONTROL.

Technology Licenses

The hardware and/or software described in this document are furnished under a license and may be used or copied only in accordance with the terms of such license.

Declaration of Conformity

Declarations of Conformity for this product and for other Keysight products may be downloaded from the Web. Go to http://www.keysight.com/go/conformity. You can then search by product number to find the latest Declaration of Conformity.

U.S. Government Rights

The Software is “commercial computer software,” as defined by Federal Acquisition Regulation (“FAR”) 2.101. Pursuant to FAR 12.212 and 27.405-3 and Department of Defense FAR Supplement (“DFARS”) 227.7202, the U.S. government acquires commercial computer software under the same terms by which the software is customarily provided to the public. Accordingly, Keysight provides the Software to U.S. government customers under its standard commercial license, which is embodied in its End User License Agreement (EULA), a copy of which can be found at http://www.keysight.com/find/sweula. The license set forth in the EULA represents the exclusive authority by which the U.S. government may use, modify, distribute, or disclose the Software. The EULA and the license set forth therein, does not require or permit, among other things, that Keysight: (1) Furnish technical information related to commercial computer software or commercial computer software documentation that is not customarily provided to the public; or (2) Relinquish to, or otherwise provide, the government rights in excess of these rights customarily provided to the public to use, modify, reproduce, release, perform, display, or disclose commercial computer software or commercial computer software documentation. No additional government requirements beyond those set forth in the EULA shall apply, except to the extent that those terms, rights, or licenses are explicitly required from all providers of commercial computer software pursuant to the FAR and the DFARS and are set forth specifically in writing elsewhere in the EULA.

Keysight shall be under no obligation to update, revise or otherwise modify the Software. With respect to any technical data as defined by FAR 2.101, pursuant to FAR 12.211 and 27.404.2 and DFARS 227.7102, the U.S. government acquires no greater than Limited Rights as defined in FAR 27.401 or DFAR 227.7103-5 (c), as applicable in any technical data.

Safety Notices

A CAUTION notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in damage to the product or loss of important data. Do not proceed beyond a CAUTION notice until the indicated conditions are fully understood and met.

A WARNING notice denotes a hazard. It calls attention to an operating procedure, practice, or the like that, if not correctly performed or adhered to, could result in personal injury or death. Do not proceed beyond a WARNING notice until the indicated conditions are fully understood and met.
# Table of Contents

1. **General Information**
   - Solid State Drive Spare Kit ........................................ 5
   - Contents of the Upgrade Kit ...................................... 5

2. **Option Installation**
   - Introduction .......................................................... 7
   - Update Procedure for Solid State disk. ........................... 8
     - Installation Requirement ......................................... 8
     - Backing Up Option Data .......................................... 8
     - Removal Procedure ............................................... 8
     - Replacement Procedure ........................................... 8
     - Restoring Option Data ............................................ 8
     - Writing System Correction Data of Backup Memory to Removable Drive ........................................ 9
     - Calibration of the Touch Screen .................................. 10
1 General Information

This chapter describes the Solid State Drive Kit, contents of the kit, and required tools to install the SSD spare kit.

Solid State Drive Spare Kit
The purpose of this kit is to install the SSD spare kit.

Contents of the Upgrade Kit
The kit includes the parts listed in Table 1-1.

Table 1-1 Contents of the Upgrade Kit

<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upgrade Manual (This manual)</td>
<td>1</td>
</tr>
<tr>
<td>Solid State Drive</td>
<td>1</td>
</tr>
</tbody>
</table>
General Information
Contents of the Upgrade Kit
2 Option Installation

This chapter describes the procedure to install the SSD spare kit.

Introduction

This chapter describes the procedure to install the SSD spare kit. The procedure consists of the following items.

- Installation Requirement
- Backing Up Option Data
- Removal Procedure
- Replacement Procedure
- Restoring Option Data
- Writing System Correction Data of Backup Memory to Removable Drive
- Calibration of the Touch Screen
Update Procedure for Solid State disk

Installation Requirement

• 5188-4426 Key for solid state disk Carrier

Backing Up Option Data

Step 1. Copy RECOVERY(E):\LICENSE\gen.lic from the original SSD to USB pen drive.

NOTE

The license keys are kept in a text file (.lic) located at RECOVERY(E):\LICENSE\gen.lic. When you change the removal solid state disk, copy the file as back up. Even if you lost the file, you can activate the option again if you have the license number. You can re-create the license number at http://www.keysight.com/find/softwarelicense with your software entitlement certificate.

Removal Procedure

Step 1. Turn off the power.
Step 2. Insert the key in the lock and turn anti-clockwise.
Step 3. Open the screw in clockwise direction.
Step 4. Press the button under the screw.
Step 5. Remove the solid state disks.

Replacement Procedure

Step 1. Insert the solid state disk into the slot.
Step 2. Turn the screw in anti-clockwise direction until it is locked.
Step 3. Turn the key to the right until it is locked.
Step 4. Remove the key.
Step 5. Turn on the analyzer.

Restoring Option Data

Step 1. Paste the gen.lic file to RECOVERY(E):\LICENSE\ on Spare-SSD from the USB pen drive.
Option Installation
Update Procedure for Solid State disk

Writing System Correction Data of Backup Memory to Removable Drive

The following is a description of the procedures to write the system correction data stored in the backup memory to the mounted removable drive.

**Step 1.** Turn on the analyzer.

**CAUTION**

The function for Factory image making window is only displayed when analyzer is turned on for the first time.

**Step 2.** Press **Macro Setup**.

**Step 3.** Press **Load Project...** on the softkey menu.

**Step 4.** A dialog box appears to allow you to select a program to be loaded. Select RestoreSysCorFile.vba from the D:\Agilent\Service folder, and then press **Open** button.

**Step 5.** Press **Macro Run**.

**Step 6.** RestoreSysCorFile dialog box appears (Figure 2-1). Click **OK**.

Figure 2-1 RestoreSysCorFile Dialog Box

*Once the program has ended, restart the analyzer to enable the system correction data.*

*CAUTION*

*If touch screen does not work after the installation, refer to “Reconfiguring Touch Panel Settings”.*

**Step 7.** Calibrate the touch screen by referring to **Calibration of the Touch Screen**.
Calibration of the Touch Screen

Calibrate the touch screen when you have replaced the SSD. Follow the procedure described below to calibrate the touch screen.

**Step 1.** Press **System**.

**Step 2.** Press **Service Menu**.

**Step 3.** Press **Test Menu**.

**Step 4.** Press **Adjust Touch Screen**.

The touch screen calibration screen (Figure 2-2) appears.

**Step 5.** Touch the x mark on the upper left with your finger. The mark x appears also on the lower left, upper right, and lower right. Touch the x marks in that order with your finger.

Touching the four locations described above with your finger automatically concludes the touch screen calibration.

**NOTE**

With no operation on the touch screen calibration screen for a preset time, it automatically closes and the previous measurement screen reappears.