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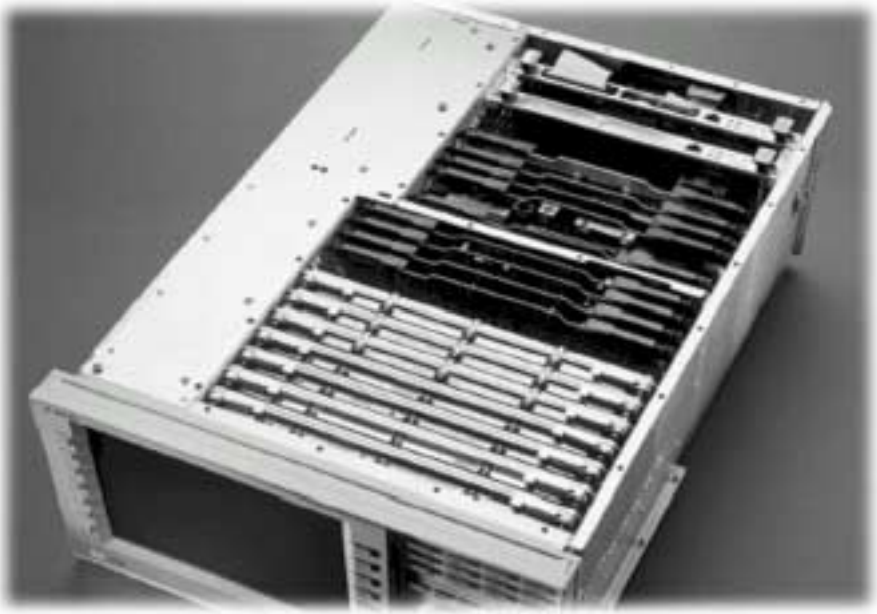
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Installation Note

Agilent Technologies 8960 Wireless Communication Test Set
Install the HOST PROCESSOR ASSY
Kit Part Number: E5515BU/CU-687



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E5515-90292

Agilent Technologies

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Agilent Technologies 8960 Wireless Communication Test Set
Installation of the HOST PROCESSOR ASSY
Kit Part Number: E5515BU/CU-687

Product Affected:	E5515A/B/C
Serial Numbers:	< GB43340000
Options Required:	N/A
Applications Supported:	See Chart Below
To Be Performed By:	(X) Agilent Technologies Service Center (X) Personnel Qualified by Agilent Technologies ( ) Customer
Estimated Installation Time:	1.5 hours
Estimated Verification Time:	0.25 hours

Introduction

This kit gives instructions on installing the Host Processor Assembly. The Assembly includes the Host Processor, and the Host PMC.

Installation includes the following major steps:

1. Upgrade Existing Applications.
2. Disassembly
    a. Remove the instrument covers.
    b. Removing Host Assembly
3. Assembly
    a. Install new Host Processor
4. Remove Non-compatibly Applications
5. Replace covers.
6. Setup LAN address configuration.

WARNING **Before you disassemble the test set, turn the power switch off and unplug the power cord. Failure to unplug the test set can result in personal injury.**

CAUTION Electrostatic discharge (ESD) can damage or destroy electronic components. All work on electronic assembles should be performed at a static-safe workstation.

Installation Kit Parts List

Item	Qty	Description
1	1	Host Processor Assy

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Tools Required

- TORX T-15 driver
- PC with LAN capabilities

Install New and Upgrade Existing Firmware:

1. Upgrade all existing Applications to the latest revision if not compatible (see Table 1 for compatibility) and switch to one of the new revision. All non-compatible Applications must be upgraded to work with the new Host Processor Assembly included in this kit.
2. Follow the Firmware installation instructions that come with each Application.

E1960A	GSM	**NOT SUPPORTED**
E1961A	AMPS/136	A.11.xx or greater
E1962B	CDMA 2000 TA	B.10.xx or greater
E1963A	W-CDMA TA	A.08.xx or greater
E1964A	GPRS TA	**NOT SUPPORTED**
E1966A	1xEV-DO TA	A.05.xx or greater
E1968A	GSM/GPRS/EGPRS TA	A.06.xx or greater
E1985A	GSM/GPRS_AMPS/136_W-CDMA	**NOT SUPPORTED**
E1985B	GSM/GPRS_AMPS/136_W-CDMA	**NOT SUPPORTED**
E1985C	GSM/GPRS_CDMA2000_AMPS/136	**NOT SUPPORTED**
E1985E	CDMA2000_1xEV-DO	**NOT SUPPORTED**
E1987A	Fast Switch TA	A.03.xx or greater
E6590A	GSM/GPRS RF Modem	A.04.xx or greater
E6701A	GPRS Lab App	**NOT SUPPORTED**
E6701B	GSM/GPRS Lab App B	**NOT SUPPORTED**
E6701C	GSM/GPRS Lab App C	**NOT SUPPORTED**
E6701D	GSM/GPRS Lab App D	D.03.xx or greater
E6702A	CDMA 2000 Lab App A	**NOT SUPPORTED**
E6702B	CDMA 2000 Lab App B	B.03.xx or greater
E6703A	W-CDMA Lab App	**NOT SUPPORTED**
E6703B	W-CDMA Lab App B	**NOT SUPPORTED**
E6703C	W-CDMA Lab App C	C.03.xx or greater
E6706A	1xEV-DO Lab App	A.02.xx or greater
E6785A	GSM/GPRS_W-CDMA Lab App	**NOT SUPPORTED**
E6785B	GSM/GPRS_W-CDMA Lab App B	**NOT SUPPORTED**
E6785C	GSM/GPRS_W-CDMA Lab App C	C.03.xx or greater

Table 1

If an application is not in the list above then it is already compatible with the upgraded hardware.

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Disassembly:

Remove outer cover and top cover for the 8960

1. Remove handles and rear bumpers.
2. Remove the screws on the real panel holding outer cover.
3. Slide outer cover off.
4. Remove the 26 screws holding the top cover on and remove the cover.

Remove old Host Processor Assembly

1. Disconnect the Hard drive's ribbon cable from the Host Processor.
2. Disconnect the two RJ-45 cables coming from the rear panel.
   (If applicable)
   a. Remember the RJ-45 locations
3. Remove the Host Assembly from the instrument.

Assembly:

Install new Host Assembly

1. See Installation Note E5515-90316 for Rear Panel Switch instructions.
2. Slide the new Host Assemble down into the J1 and J9 jumpers.
3. Connect the hard drive's ribbon cable.
4. Reconnect the two RJ-45 cables to the Host Processor.
   (If applicable)

CAUTION **Be aware of the clearance between the Time Base connectors in the back and the resistors on the PMC Board in the front as the Host Processor is being installed.**

NOTE If the test set does not power up because of an inoperative processor, replace the processor first; and then use the Agilent 8960 File Utility to re-install the Test Application. Select the TEST SET RECOVERY function on the bottom of the OPTIONS screen. Follow the instructions on the screen.

Remove Non-compatible Applications:

1. Remove all non-compatible Applications from the test set. Removing older Application revisions prevents improper operation of the test set. The test set must still be connected to the PC LAN port to use these tools, see Table 1 for compatibility.
   a. Run the Agilent 8960 File Utility
   b. Select the Direct Connection (Single test set) button.
   c. Select the Test Application tab.
   d. Highlight the old revision(s) of Application(s) and select the Delete From test set button. Do not delete the Applications just loaded.

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Replace covers:

1. Replace the top cover and secure it with the 26 screws.
2. Slide the outer shroud (cover) on.
3. Replace the screw on the rear
4. Attach the rear bumpers and handles.

Setup LAN Address Configuration:

1. If the instrument is operated on a network or a Test Application upgrade is required, use the following procedure to set the address:
    a. Power up the test set.
    b. Press the System Config button on the test set.
    c. Press F1 (Instrument Setup).
    d. Use the knob to scroll and select (highlight) the LAN IP Address field.
    e. Press the knob once; enter the new address, then press the knob again.
    f. Press F6 (Close Menu) to invoke the new address.

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