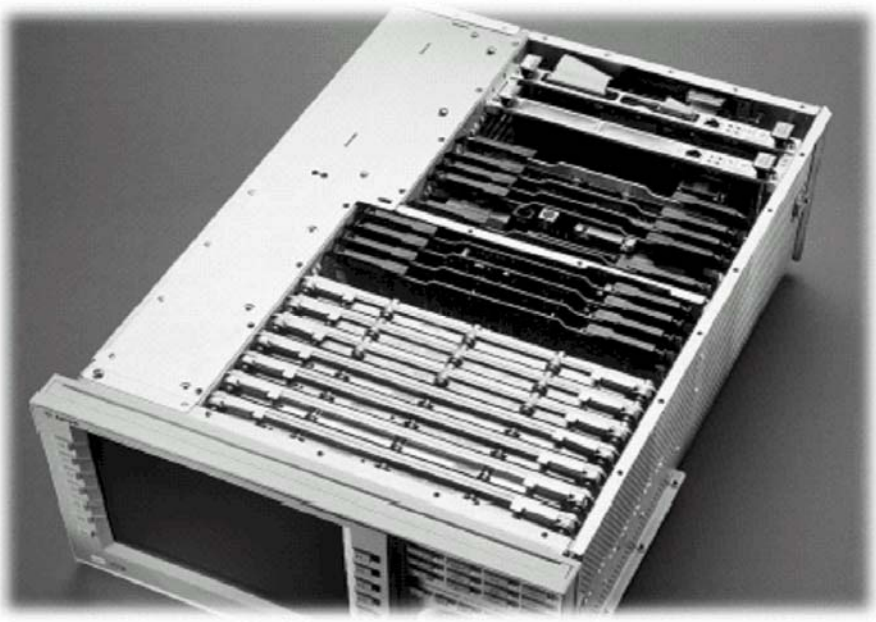
Agilent Technologies

Installation Note

Agilent Technologies 8960 Wireless Communication Test Set
Add Option 003 to the E5515C
Kit Part Number: E5515CU-503



E5515-90294

Part Number: E5515-90294
Revision Date: November 16, 2005

Notice

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Agilent Technologies 8960 Wireless Communication Test Set
Add Option 003 to the E5515C
Kit Part Number: E5515CU-503

Product Affected:	E5515C
Serial Numbers:	All without option 003
Applications Supported:	All
To Be Performed By:	(X) Agilent Technologies Service Center (X) Personnel Qualified by Agilent Technologies ( ) Customer
Estimated Installation Time:	2.5 hours
Estimated Verification Time:	0.5 hours

Introduction

This kit gives instructions on installing the Option 003, Digital LSS and Analog LSS Boards, into the E5515C Wireless Test Set.

Installation includes the following major steps:

1. Upgrade Existing Applications.
2. Remove Non-compatibly Applications
3. Disassembly
    a. Remove the instrument covers.
    b. Removing Protocol Board
4. Assembly
    a. Install Digital LSS Board
    b. Install Protocol Assembly
    c. Install Analog LSS Board
5. Replace covers.

Installation Kit Parts List

Item	Qty	Description	Part Number
1	6	Screw 2.5 x 0.45	0515-0366
2	1	Analog LSS	E5515-60166
3	1	Digital LSS	E5515-60273
4	1	Mini 60 Cable Assembly	E5515-61204
5	1	E1962B_E1963A License Certificate, 7 day temp	

Tools Required

- TORX T-15, T-10 drivers

Safety Considerations

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.

Verify Existing Firmware Compatibility:

1. Upgrade all existing compatible applications to the latest revision (see Table 1)
2. Make active one of the new application versions, so after install the hardware the instrument will boot into a compatible application.
3. Follow the Firmware installation instructions that come with the Applications.

Remove Incompatible 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 be connected to the PC by a cross-over cable via the test set's LAN port.
    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. All licenses should remain on the instrument. Removing an application does not remove the license for that 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	A.03.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	C.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
E6590A	GSM/GPRS RF Modem	B.04.xx or greater

Table 1

Disassembly:

Remove outer cover and top cover for the 8960

1. Remove handles and rear bumpers.
2. Remove the cover 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.

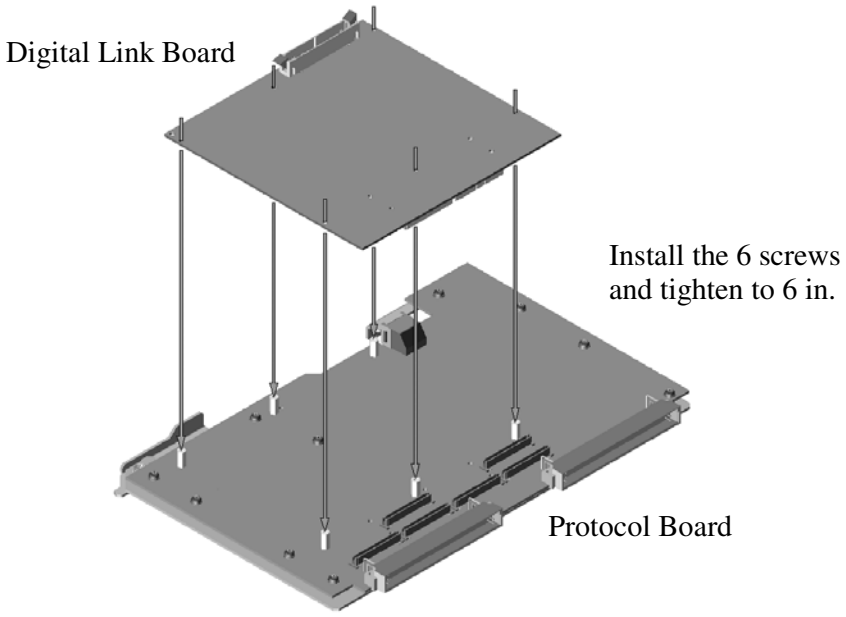
Remove the old boards

1. Remove the Protocol Processor board. Refer to the *Replaceable Parts List (E5515A/B/C/T)* in the *Troubleshooting and Repair* section of the 8960 Assembly Level Repair area at: www.agilent.com/find/8960toolbox for board location.

Assembly:

Install Board

1. Using the 6 TORX-10 screws attach the Digital LSS to the Protocol Board.
2. Install the Protocol Processor Assembly into J1, J3 slots on the Digital Motherboard.
3. Insert the Analog LSS into slots J44 and J12, labeled (LSS ANALOG).
4. Connect the ribbon cable (E5515-61209) between the Digital Link and Analog Link Boards.



Replace covers:

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

Questions and concerns contact Agilent Technologies Support:
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