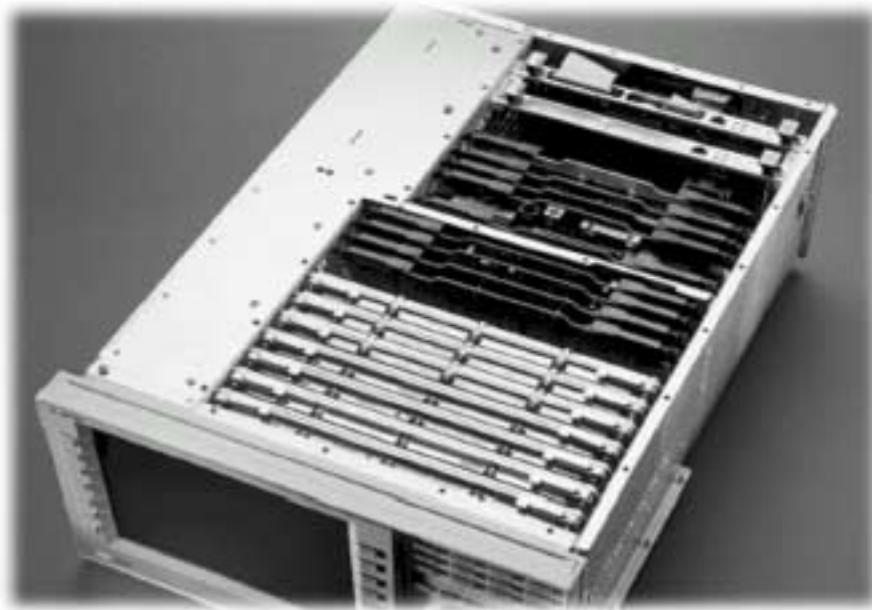


Installation Note

**Agilent Technologies 8960 Wireless Communication Test Set
Add New Capability w/Real Time Interface board to the E5515B/C
Kit Part Numbers: E5515BU-500 and E5515CU-500**



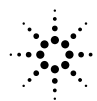
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E5515-90306



Agilent Technologies

**Agilent Technologies 8960 Wireless Communication Test Set
Add New Capability w/Real Time Interface board to the E5515B/C
Kit Part Numbers: E5515BU-500 and E5515CU-500**

Products Affected:	E5515B and E5515C
Serial Numbers:	E5515B > GB44200000 E5515C > GB44050000
Options Required:	If E5515B serial number is < GB46120168 E5515C serial number is < GB46110525 order E5515BU/CU-501
Applications Supported:	See table 1
To Be Performed By:	(X) Agilent Technologies Service Center (X) Personnel Qualified by Agilent Technologies () Customer
Estimated Installation Time:	2.0 hours

Introduction

Installation includes the following major steps:

1. Upgrade existing Applications.
2. Remove non-compatible Applications.
3. Disassembly
 - a. Remove the covers from the test set.
 - b. Remove the old RTI board.
4. Assembly
 - a. Install new RTI board.
 - b. Install option label.
5. Replace covers.
6. Remove last non-compatible Application.

Installation Kit Parts List

Item	Qty	Description
1	1	Label
2	1	Real Time Interface (RTI) board
3	1	Installation Instructions (this document)

Label should have **500** printed on it.

Tools Required

- TORX T-15 and T-20 drivers
- PC with LAN capabilities

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 assemblies should be performed at a static-safe workstation.

Install New and Upgrade Existing Applications:

1. Upgrade existing Applications to the latest revision if compatible (see Table 1). Set one of the compatible Applications to: **‘Make TA active, no reboot’**.
2. Follow the Firmware installation instructions that come with the Applications.

Note: These versions are only for hardware compatibility. If the application is not in the list all versions of that application are compatible. Check the features compatibility.

E1960A	GSM	A.11.06 or above only
E1961A	AMPS/TDMA	A.08.12 or above only
E1962B	CDMA200	B.06.39 or above only
E1963A	W-CDMA	A.03.23 or above only
E1964A	GPRS	Not Supported
E1966A	1xEV-DO	A.01.32 or above only
E1968A	GSM/GPRS	A.01.25 or above only
E1985A	Fast Switch	Not Supported
E1985B	Fast Switch	B.03.08 or above only
E1985C	Fast Switch	C.01.09 or above only
E1985E	Fast Switch	E.01.15 or above only
E6701A	GPRS	Not Supported
E6701B	GPRS	Not Supported
E6701C	GPRS/EGPRS	C.01.24 or above only
E6704A	EGPRS License	Required for EGPRS
E6702A	CDMA 2000	A.03.09 or above only
E6703A	WCDMA	A.01.23 or above only
E6785A	GSM/GPRS/WCDMA	A.01.25 or above only

Table 1

Disassembly:

1. Remove handles and rear bumpers.
2. Remove the screws on the Rear Panel holding outer cover.
3. Slide outer cover off.
4. Remove the 26 screws holding the top cover on and remove the cover.
5. Remove the old RTI 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:

1. Install the new RTI board from the kit.
2. Install the option label, 7121-7884, on the back of the test set.
 - a) Write **500** on the label if blank.
 - b) Don't cover up the old option label if the options on the old label are not also on the new label.
3. Replace the top cover and secure it with the 26 screws.
4. Install the outer cover.
5. Replace the outer cover screws on the Rear Panel.
6. Attach the rear bumpers and handles.

Remove the Remaining Non-compatible Application:

1. Power up the test set. The test set must boot up in one of the compatible Applications installed earlier.
2. Delete the remaining non-compatible Application. One non-compatible Application remains on the test set because you could not delete the Application that was active at the time.
 - a. Run the Agilent 8960 File Utility
 - b. Select the Direct Connection (Single Test Set) button.
 - c. Highlight the old revision of Application and select the Delete From Test Set button. Do not delete the new and updated applications just loaded.

Questions and concerns: contact Agilent Technologies Support:

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(509) 921-3848 (International)

Fax: (509) 921-3514

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