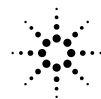
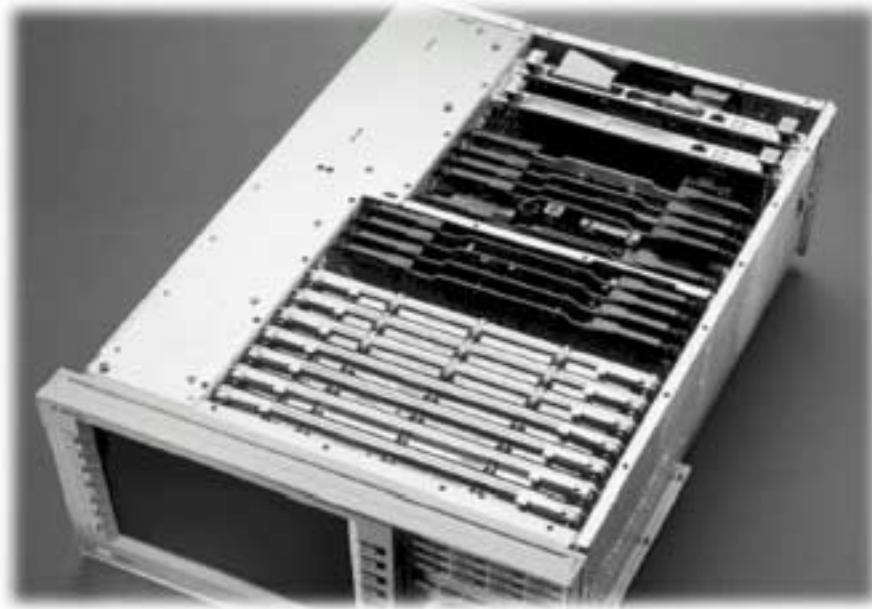


# Installation Note

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**Agilent Technologies 8960 Wireless Communication Test Set  
MDC Upgrade for E5515B/C  
Kit Part Number: E5515BU-506 and E5515CU-506**



**Agilent Technologies**

**Notice:**

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**Agilent Technologies 8960 Wireless Communication Test Set  
MDC Upgrade for E5515B/C  
Kit Part Number: E5515BU-506 and E5515CU-506**

<b>Products Affected:</b> .....	E5515B/C
<b>Serial Numbers:</b> .....	All
<b>Options Required:</b> .....	N/A
<b>Applications Supported:</b> .....	All
<b>To Be Performed By:</b> .....	(X) Agilent Technologies Service Center (X) Personnel Qualified by Agilent Technologies ( ) Customer
<b>Estimated Installation Time:</b> .....	0.5 hours
<b>Estimated Verification Time:</b> .....	0.5 hours

***Introduction***

Installation includes the following major steps:

1. Disassembly
  - a. Remove the instrument covers.
  - b. Remove the old Measurement Down Converter.
2. Assembly
  - a. Install new Measurement Down Converter.
  - b. Install Option Label
3. Replace covers.

***Installation Kit Parts List***

<b>Item</b>	<b>Qty</b>	<b>Description</b>
1	1	Label
2	1	Measurement Down Converter Module
3	1	Installation Instructions (this document)

- Label should have **506** printed on it.

***Tools Required***

- TORX T-15 and T-20 drivers

***Safety Considerations***

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**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.

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

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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 rear 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 old Measurement Down Converter module. 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](http://www.agilent.com/find/8960toolbox) for board location.

## ***Assembly:***

### **Install New Measurement Down Converter Module**

1. Install the Measurement Down Converter as per diagram on page 5 of the Replaceable Parts List document, referred to above.

### **Install Option Label**

1. Install the option label, 7121-7884, on the back of the instrument.
  - a. Write **506** 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.

## ***Replace covers:***

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

## ***Adjust and Test and after Upgrade:***

1. Turn on the test set and warm up for 30 minutes.
2. Perform the IQ Calibration for SOURCE 1 & 2
3. Perform the Burst Mod Offset 1 Calibration
4. Perform the Digital Average Power calibration
5. Cycle the power on the instrument
6. Perform the Spectrum Monitor Calibration
7. Run the Test Set Verify software [www.agilent.com/find/8960toolbox](http://www.agilent.com/find/8960toolbox) to verify the test set after the upgrade.

<p><b>Questions and concerns: contact Agilent Technologies Support:</b> Phone: (800) 827-3848 (U.S. &amp; Canada) (509) 921-3848 (International) Fax: (509) 921-3514 E-mail: <a href="mailto:spokane_service@agilent.com">spokane_service@agilent.com</a> Web: <a href="http://www.agilent.com/find/8960support">www.agilent.com/find/8960support</a></p>
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