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GE Energy

**Functional Testing Specification***Parts & Repair Services  
Louisville, KY***LOU-UTS-IS215AEPCH1x****Test Procedure for IS215AEPCH1A & IS215AEPCH1B card tested on the UTS Test System****DOCUMENT REVISION STATUS: Determined by the last entry in the "REV" and "DATE" column**

REV.	DESCRIPTION	SIGNATURE	REV. DATE
A	Initial release	E. Rouse	1/2/2008
B	Transferred procedure from a general group to a specific single document. Also added asset numbers to section 5 and instructions for BPPB board.	J. Hardin	7/22/2010
C	Added connector to UTS to test IS215AEPCH1Bs	J. Hardin	7/29/2011

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<b>DATE</b> 1/2/2008	<b>DATE</b> 7/22/2010	<b>DATE</b>	<b>DATE</b> 1/2/2008

## Test Procedure for IS215AEPCH1B card tested on the UTS Test System

### 1. SCOPE

1.1 This is a functional testing procedure for the UTS3000 Tester

### 2. STANDARDS OF QUALITY

2.1 Refer to the current revision of the IPC-A-610 standard for workmanship standards.

### 3. APPLICABLE DOCUMENTS

3.1 The following document(s) shall form part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue shall apply.

3.1.1 Check board's electronic folder for more information

### 4. ENGINEERING REQUIREMENTS

#### 4.1 Equipment Cleaning

4.1.1 Equipment should be clean and free of debris prior to applying power unless performing an initial check. Refer to the local documented procedures for cleaning guidelines.

#### 4.2 Equipment Inspection

4.2.1 Equipment should be visually inspected for any defects prior to applying power. This inspection should include the following as a minimum:

4.2.1.1 Wires broken or cracked

4.2.1.2 Terminal strips / connectors broken or cracked

4.2.1.3 Loose wires

4.2.1.4 Components visually damaged

4.2.1.5 Capacitors leaking

4.2.1.6 Solder joints damaged or cold

4.2.1.7 Circuit board burned or de-laminated

4.2.1.8 Printed wire runs burned or damaged

### 5. EQUIPMENT REQUIRED

5.1 The following equipment is required to perform the process requirements. Equipment may be substituted provided that all accuracy's and test ratios are equivalent or better.

Qty	Reference #	Description
1	H188701	UTS3000 Tester
1	H188932	AEPC Fixture

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## 6. TESTING PROCESS

### 6.1 Setup

**6.1.1** As required by UTS3000 instructions.

### 6.2 Testing Procedure

**6.2.1** Identify the test to be used on the UTS3000 by matching the model number with the ones on the system and follow the instructions given after execution.

**6.2.2** Please open the following link for test instructions for the IS210BPPB board that is attached to the IS215AEPCH1A or IS200AEPCH1B board.

<\\kylouf01psge\shopfloor\Design Folders\Test Procedures\TIIS200BPPB Programming.doc>

**6.3 \*\*\*TEST COMPLETE \*\*\***

## 7. NOTES

**7.1** None at this time.

## 8. Attachments

**8.1** None at this time.