

MODIFICATION RECOMMENDED

**E5515C-14A**

# **S E R V I C E N O T E**

Supersedes: E5515C-14

## **E5515C Wireless Communications Test Set (8960 Series)**

Serial Numbers: MY48360100 / MY48361000

**DSP code will not load when the instrument is booting up.**

**Replace the 5.8 DSP (Part Number E5515-60576) Upon Failure**

***DSP that do not have E5515-60576 part number - this service note does not apply.***

### **Parts Required:**

<b>P/N</b>	<b>Description</b>	<b>Qty.</b>	
E5515-69845	EXCHANGE 5.8 DSP assembly KIT	1	(If available)
If not use:			
E5515-61845	DSP ASSEMBLY 5.8 KIT	1	

## **ADMINISTRATIVE INFORMATION**

SERVICE NOTE CLASSIFICATION:			
<b>MODIFICATION RECOMMENDED</b>			
ACTION CATEGORY:	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE <input type="checkbox"/> AGREEABLE TIME	STANDARDS	LABOR: 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNER	SERVICE INVENTORY: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT	USED PARTS: <input checked="" type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		
NO CHARGE AVAILABLE UNTIL: 1 <sup>st</sup> March 2012			
AUTHOR: Paul Rooney		PRODUCT LINE: PL13	
ADDITIONAL INFORMATION: This service note only covers the 5.8 DSP, part number E5515-60576			

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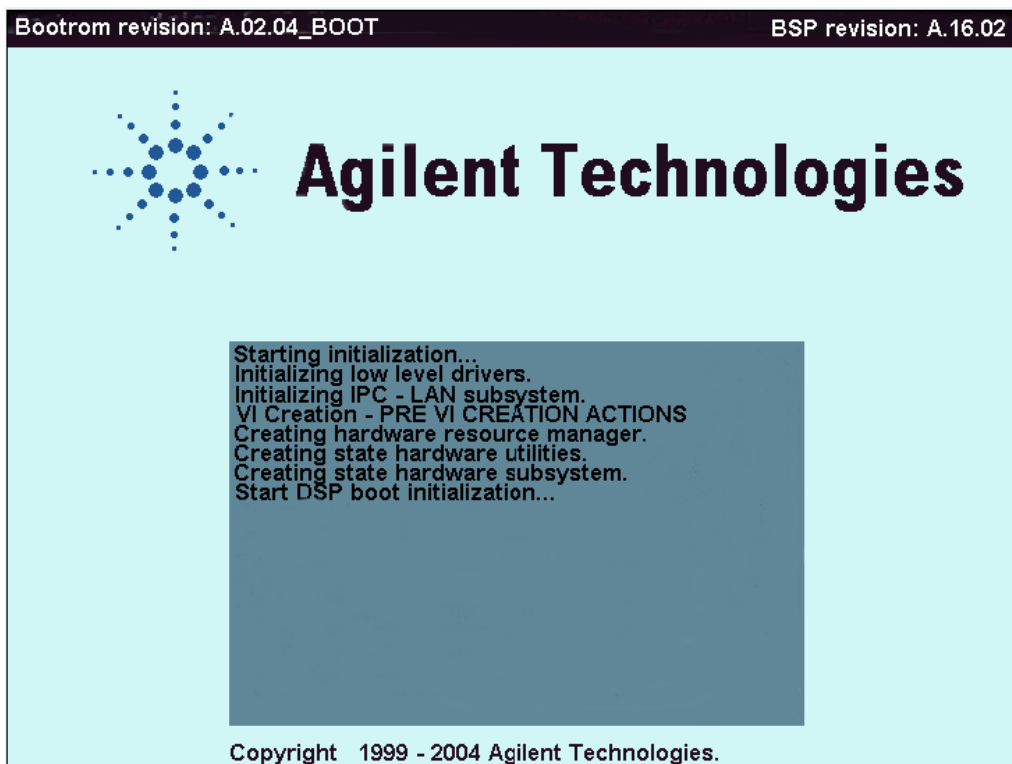
Rev. 17



**Situation / Failure Symptoms:**

When the E5515C is booting up it will stop at the below screen, which indicates that the Digital Signal Processor assembly has stopped working.

**Note:** The information in the top black box can be different based on Firmware revision installed.

**Solution/Action:**

1. Verify that the E5515C instrument serial numbers is between **MY48360100 / MY48361000**
2. Remove the external covers and then the internal top cover to gain access to the DSP board. The DSP assembly is the seventh pc board assembly from the rear of the instrument.

The DSP Assembly covered by this Service Note consists of two boards.

- DSP Interface (full-size, installed into the Digital Motherboard – part number E5515-60267)
- DSP Processor (smaller, mounted onto the DSP Interface – E5515-60576).

**NOTE:** Change the whole DSP assembly with **E5515-61845** or **E5515-69845** if available

Replacing the DSP Assembly does not require the unit to be re-calibrated. Verify that the E5515C Communication test set boots up and operates normally.

**Return Parts:** Return all parts to the AMC Manufacturing Center

**Agilent Technologies**  
**Attention: Lim, Choon-Siang, PL13 Field Returns**  
**Bayan Lepas Free Industrial Zone**  
**Penang, PG 11900**  
**MALAYSIA**