

## Software Release Notes, MK.4 ESD & Latch-Up Test System

### **Release 9.3 (Software, Middleware, and Firmware)**

New Release: 9.3  
Date: 2009-02-06  
Previous Release: 9.1

Component	Version	Previous Version	Part Number
Software	<b>2.2.1.0</b>	2.2.0.0	70-901-205-00
Middleware	<b>1.52.7.0</b>	1.52.6.1	70-901-305-00
Firmware	<b>1.08.20090206</b>	1.05.20080609	70-901-305-00

#### ***Effectivity***

This is a general release, applicable to all production and field systems

#### ***Dependencies***

The versions of the three components in this release (PC Software, Tester Middleware, and Tester Firmware) have been developed and tested to work with each other. Use of other version combinations is not recommended.

**NOTE:** The PC software in this release has been compiled to run on .NET 2.0 Framework. Prior to installing the software, make sure that:

- The Controller PC's physical memory is at least 2 GB. Recommended amount is 4GB, especially if testing is done using large vector sets.
- The .NET 2.0 Framework must be installed using the *Install .NET* option from the install dialog.

***New features*** - None

#### ***Fixes/ Improvements/Changes***

##### Middleware/Firmware

- Improved JESD78A and Custom Latchup test sequencing to reduce or eliminate signal artifacts.

##### Software

- After cloning a Latchup test, running it without saving first will produce a script error (fixed)
- When copying a power up parametric operation, the software ignores it without any indication of an error (fixed)
- Modified LU custom test script to match updated sequence.

***Addendum*** - None

***Figures*** - None