

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

Release 7.5 (Software, Middleware, and Firmware)

New Release: 7.5
Date: 2007-08-20
Previous Release: 7.4

Component	Version	Previous Version	Part Number
Software	1.14.5	1.14.4	70-901-205-00
Middleware	1.51.0.0	1.49.0.3	70-901-305-00
Firmware	1.02.20070709	1.02.20070709	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.

New features

Fixes and Improvements

Middleware

1. Corrected a problem that could cause the Controller PC to lose communication with the Tester during a test plan.
2. Eliminated the condition that sometimes caused a spike at the start of a latchup test.

Software

1. Updated Mk2 import libraries to match the version of recently released Mk2 software

Known issues

1. Uploading large vector data sets can take considerable amount of time. The upcoming release will address this problem.
2. Preconditioning vectors are incorrect for the 1.2KHz vector clock speed. This frequency causes the stress pulse to disappear and the parking level to be ignored.

It occurs only with this frequency and it occurs regardless of whether or not the stress pin is actually being vectored. The problem will be fixed in the next release. For now, avoid using the 1.2KHz vector clock frequency.

Additional documentation

None

Figures

None