Agilent Medalist x6000 1.19 Software Patch Release Notes

The Agilent x6000 software patches are created to correct several issues within previous Agilent x6000 software releases. This patch may also provide a set of enhancements which will change how applications are developed, providing both the ability to generate a more reliable application while also improving the overall user experience. It is strongly recommended that users of the previous 1.xx software releases install this latest patch. This patch is inclusive all previous patches after but not including the full 1.10 software and 1.14 documentation installation, which must be installed separately.

If you feel we are missing anything or would like to make suggestions on how we can improve the software, we would like to hear from you. Please feel free to contact either your local support representative or send an email to emt-hstd-support_americas@agilent.com

Please note that the software patches can be downloaded from the Agilent website at the respective patch web page. The patch web pages are found at www.agilent.com/find/x6000 under Technical Support ➔ Drivers & Software. The patch software download links will not appear unless you have logged into the Agilent web site and have an active Software Update Support agreement.

Highlights

Modify TDS/System software to work on Windows 7

In order to run the software a change in the license file (software.lic) for the x6000 TDS/System is required to make it compatible with the Windows 7 operating system.

PTH Component Side Short Slice height not specified in mils/mm

The value for a component's side short slice height will now be specified in mils/mm instead of percentage (%).

New QFN Heel & Toe Edge Search Thickness default value

The default value for the QFN Measurement "Heel Edge Search thickness" and "Edge Search Thickness" is now 50% instead of 25%.

New Excess classification for the Gullwing family

New Excess defect classifications exist for the Gullwing family. This classification is off by default.

New Open Signal Outlier defect classification threshold for grid array defects

A new threshold has been added to the existing grid array algorithm classification (Collapsible BGA is a grid array) to generate a value which is a comparison between the tested joint and the average open signal normalized nominal value. The average open signal normalized nominal value is calculated across all the slices available for a joint under test. During classification the average open signal normalized nominal value, for the tested joint, will be used for comparison against the Open "Minimum Open Signal Nominal" and "Maximum Open Signal Nominal" thresholds to determine whether the joint is a defect or not.

Issues Resolved

Problem	Unable to perform alignment when the component outline is outside of the board outline.
Resolution	Any components, during NDF import, found to be outside of the board outline, will automatically be set to un-testable.

Problem	Gray scale confirmation runs during panel handling confirmation causing any loaded boards to be unloaded.
Resolution	Disabled the function to unload the board when the tester is running camera gray scale adjustment.

Problem	X-ray source errors are too generic to help debug the x-ray source problems.
Resolution	Now more details are displayed in the error message window, when an x-ray source error occurs, in order to help identity and debug the source of the problem.