

WCT-120 Software Version 5.68 Release Notes (2/11/2021)

What's New

From this version on, you will notice a few small, but important changes. The biggest change is the inclusion of a coil sensitivity constant in the calibration terms. This will allow users to account for the attenuation of the magnetic field as published in *Accounting for the Dependence of Coil Sensitivity on Sample Thickness and Lift-Off in Inductively Coupled Photoconductance Measurements* by Black and Macdonald. This parameter is designed to work with the newest lifetime calibration software versions 5.0+. We encourage users to email and ask for more information or read through the newest version of our manual for more information.

Bug Fixes and UI Improvements

- Allowing manual iteration of bias light
- Display the 1-sun point on Lifetime vs Carrier Density graph
- Display the Jo fit range on the Inverse Lifetime vs Carrier Density graph
- Automatic naming of graph data saved to text files
- Prevent invalid combinations of Richter/Sinton analysis and Bandgap narrowing