ZView4 Release Notes

ZView 4.0g – March 2023

- The icons displayed in the Batch Fitting window do not match the functions. Corrected.

- Modified data import for EC-Lab files to use additional "z cycle" column.

- Automatically check the Display Fit box when a simulation or fit is performed.

- Modified interpretation of comma delimited data when a dot character is detected. Allows correct reading if a known data file is resaved in Excel .csv

- Rockey4 driver is only installed if requested for older keys with serial numbers <10000

- Added batch Series/Parallel Nulling File correction in Tools | Merge/Combine.

- Added distributed element DX33 (Siroma, Equation 10)

- Modified to accept new Admiral/Squidstat data format.

- Added a "Save Potential Value" option to the Batch Fitting screen.

ZView 4.0f – May 2022

- Version 3.5g corrected a problem in LEVM calculations of sum-of-squares for Calc-Modulus weighting. This modification corrects the corresponding Chi-squared value.

- Renamed "ZPlot DOS" format to "3 Column: Freq, Real, Imaginary". This format will read the first 3 columns. Any lines that do not have a valid frequency value will be assumed to be header comments.

- If a data file format is not recognized, it previously defaulted to a Boukamp with 7 lines of header. It will now default to 3 Column: Freq, Real, Imaginary.

- Increased row height in the data values window to improve appearance in Win11.

- Rockey4 driver is only installed if requested for older keys with serial numbers <10000.

ZView 4.0e – March 2022

- If a Circuit simulation is performed with a selected frequency range, and no active data file is selected, an Access Violation error occurs. Corrected.

- When simulating with a frequency range, the last point may be missing. Corrected.

- If multiple data sets are imported from a user defined file, extra point may be included. Corrected.

- Modify OLE operation permissions

ZView 4.0d – February 2022

- If a Circuit Model is simulated with a selected frequency range, and no active data set is used, an access violation error occurs. Corrected.

- When simulating with a frequency range, the last point may be missing. Corrected.

- Some radiometer data files have a malformed date value in the header with the "day" as 0. The date will be ignored for these files.

- Batch fitting may fail when using 'selected points' if the cursors are positioned on a file that contains more points that the ones being fitting in a batch. Corrected.

- If Data Values window is placed on a second monitor and then then monitor is removed, the window is not repositioned. Corrected.

Allow OLE operation for 6 months with /8 option code

Version 4.0c – September 2021

- If Fit window or Info window is off screen, they are now repositioned to be visible.

- Add variant versions of OLE ModelGOF and ParameterGet functions.

- Corrected a problem when reading N4th data.

Version 4.0b – June 2021

- Added support for additional ECLab format that contains unused Ns column

- OLE operations would fail. Corrected

- Completed DataSelectPoint OLE function implementation. It previously existed but did nothing.

- If fit parameter values are entered and then the fitting mode is immediately changed, the parameter values are reset to defaults. Corrected.

- Fitting Clipboard viewer would show a maximum of 12 columns. Increased to 64

Version 4.0a Initial Release -May 2021

- Old ZView2.ini was not compatible if it contains doublebyte japanese characters. Corrected. Some settings may revert tot defaults.

- Modified .z, .zv2 and .zv4 file associations

- MultiData Explorer changed to send .z data to ZView4 if it is installed. New Explorer included with ZView4.

- Added the Simulation change value function to Equivalent Circuits