

Loading and Saving Settings

The Venable System software allows the user to save and recall user and/or test-specific Analyzer Control menu settings, the Error Amplifier Synthesis and Circuit Analysis menu entries, and user defined default Data Set Properties. Normally, when the application is closed, the internally saved settings are written to an ASCII text file called VENPREF.TXT located in Venable System directory. The program will create this file if one does not exist in the Venable System directory.

The Analyzer Control menu parameters saved internally in the application after the menu is closed are: Sweep Generator parameters, Input Channel parameters, Servo Control, Channel Ratio and the Maximum Change Between Data Points settings. When saved, the user can recall test-specific Analyzer Control menu settings at a future time.

The Error Amplifier Synthesis and Circuit Analysis menu entries saved internally in the application after the menu is closed are: Loop Design parameters, Component Values, Circuit Model, Circuit Analysis settings, and the Frequency Data. By saving these values, the user can save an entire error amplifier design including simulation data.

The default Data Set Properties saved are: the channel ratio, scale factor, gain or impedance data set colors, and phase colors. Voltage colors for the voltage display are saved separately from the data colors of the other plots. User defined Data Set Properties are saved as defaults by clicking on the Save as Default button in the Data Set Properties dialog box. Any plots opened after a set of defaults has been saved will also have those defaults. Saving these properties reduces the workload, especially, when making a large number of measurements.

To save your settings to a file you must:

1. Close the Analyzer Control Menu and/or the Error Amplifier Synthesis and Circuit Analysis menu to save your settings internally. Save as Default any changes made to the data set properties.
2. Left-click on the Save Settings menu item on the File program menu and save them as a text file to any directory you wish.

To load your saved settings from a file you must:

1. Close the Error Amplifier Synthesis and Circuit Analysis menu or any open data plots before loading your saved settings to avoid any confusion. The settings will not load into these windows if they are open.
2. Left-click on the Load Settings menu item on the File program and select the settings file that you wish to load.