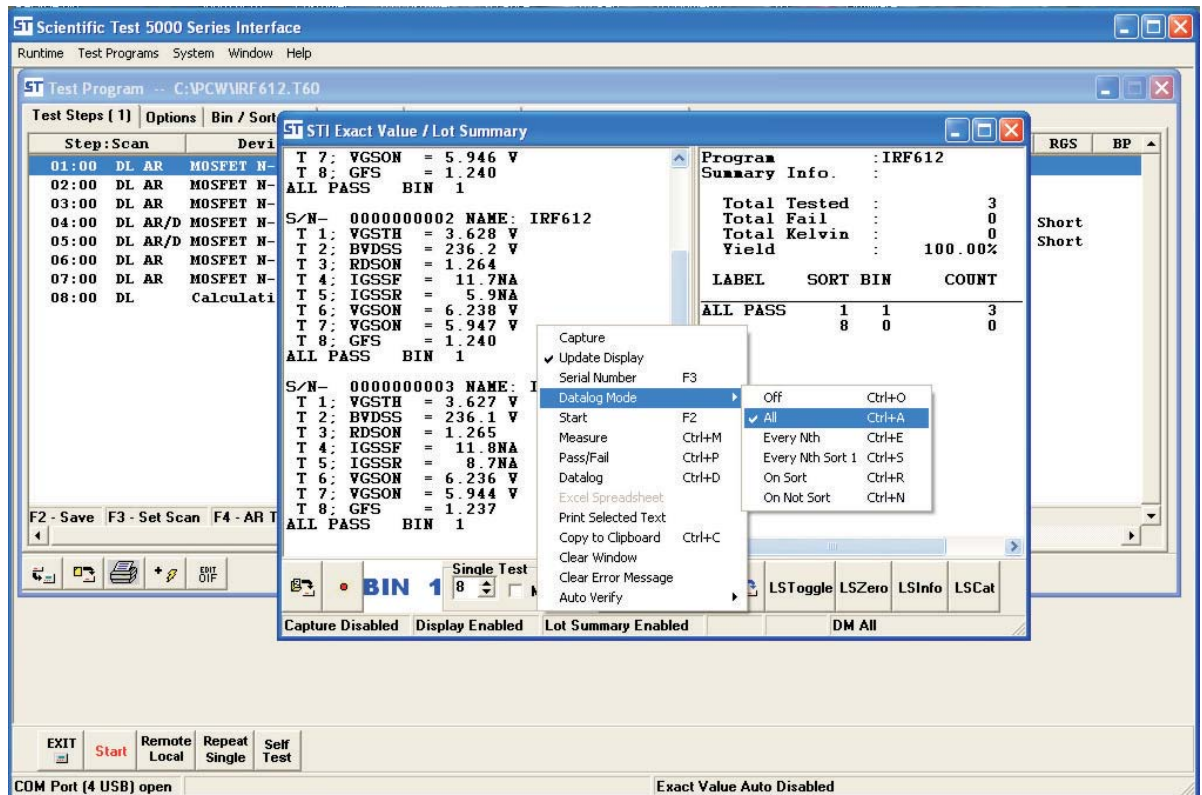


Datalogging / Data Management



Datalogging is defined as capturing the actual test values for later use. The STI 5000 Series Testers use the USB port (or serial port) to send the test results to the PC for storage and use. Datalog can be selected individually per test. The entire test program can be set to Off (no Datalog), All (Datalog for all test steps selected), Every Nth (Datalog on every Nth device), Every Nth Sort 1 (Datalog on every Nth Sort 1), On Sort (Datalog each time the specified sort is found), or On Not Sort (Datalog each time the specified sort is not found).

The logged data may be stored to disk, displayed on the PC screen, sent directly to Excel®, or any combination of the three. Data stored to disk can be used to create a columnar print file (data printed in columnar format), a statistics file (number, high, low, average and sigma), or converted into a file that can be imported into Excel®. If the Wafer Mapping Option has been selected, the data can be used to create a wafer map based on bin, sort, or test parameter.

Macros for use with Excel® to produce statistics, histograms, columnar format, and other data analysis and formats are available.

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