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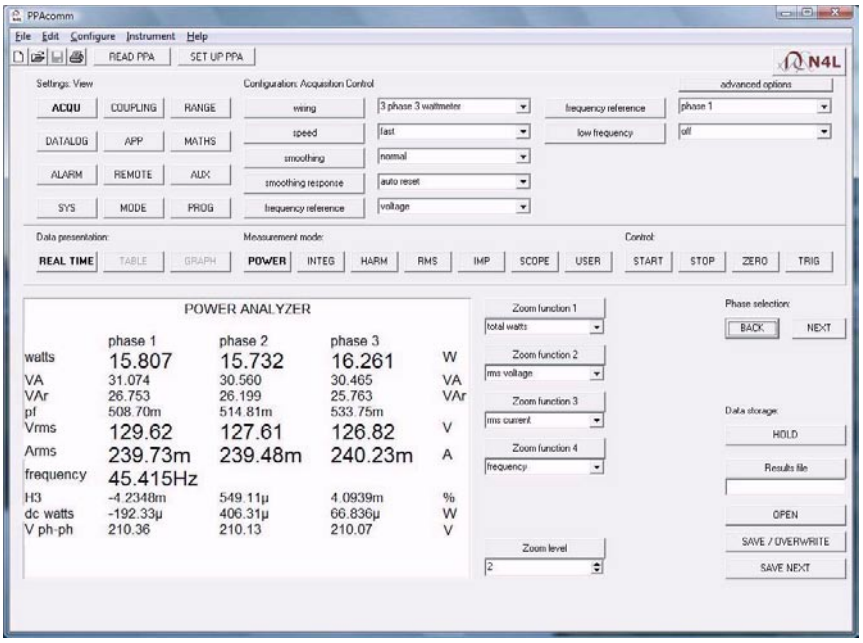
PPAcomm PC Software – Feature summary – February 2008

The PPA series power analyzers provide a wide range of power measurement functions than can be presented both numerically and graphically. PPAcomm software is therefore designed to complement the PPA range with versatile PC data presentation and data storage.

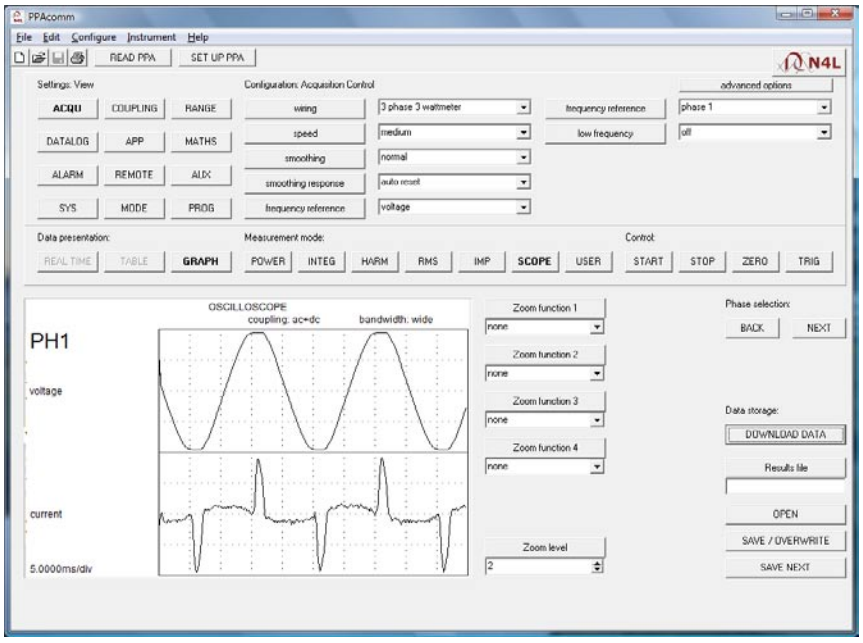
Communication to a PPA series power analyzer can be via RS232, USB or LAN ports and configuration is very simple. PPAcomm is configured to match PPA settings with a 'READ PPA' button, or the PPA can be configured to match PPAcomm settings with a 'SET UP PPA' button.

Demonstration software with sample result files can be provided on request but for general reference, we follow with a summary of some key features that this new software includes.



Control of all PPA functions and configuration settings is via **keyboard emulation**. It is therefore very easy for anyone who is familiar with PPA front panel operation to use PSMcomm software and visa versa.

Real time mode presents a screen image matching the instrument display. This works in parallel with the PPA, so changes to measurement functions or zoom level in PPAcomm are also made to the PPA display in real time.



Direct mode setting:

In line with the PPA philosophy of direct access to primary measurement functions, PPAcomm provides dedicated measurement mode buttons.

Here, the SCOPE button has been selected and scope capture data is downloaded from the PPA.

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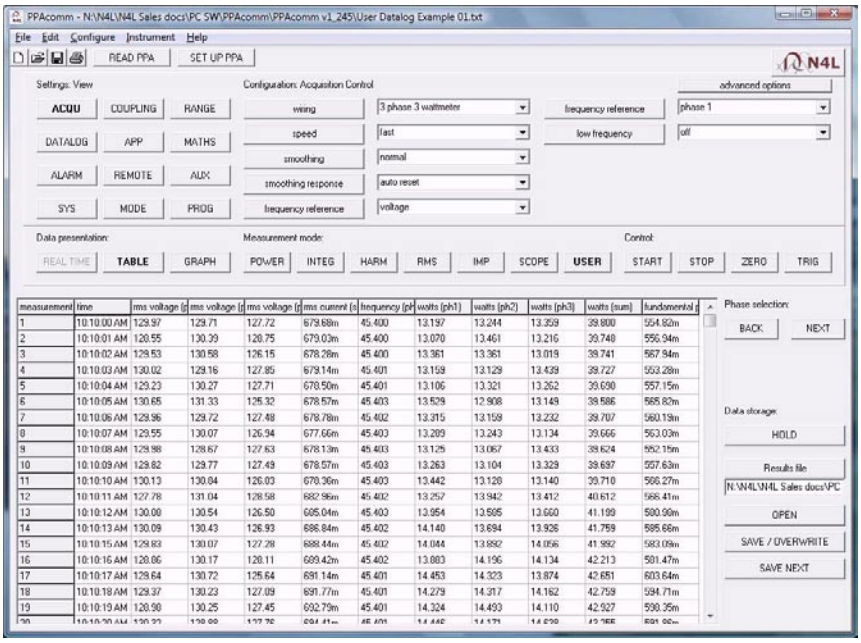

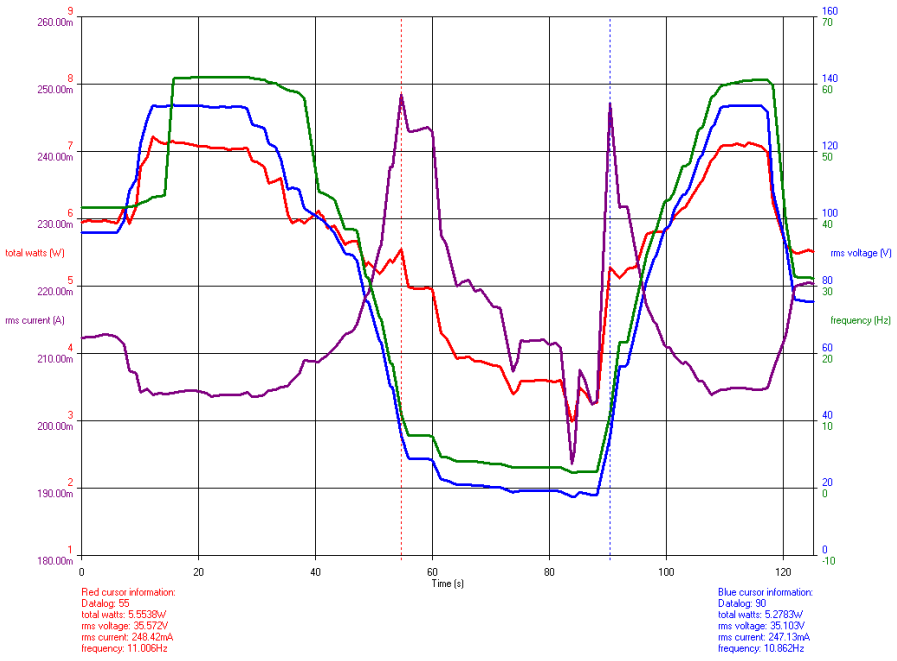

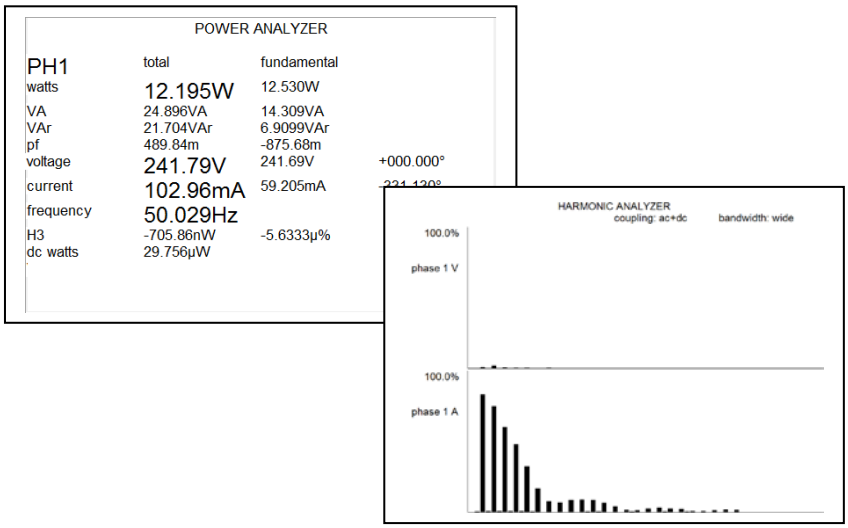

User selected datalog:

- Up to 10 measurement functions from any measurement mode can be selected for long term datalog
- All selected functions are logged directly to PPAcomm
- The Datalog measurement period can be set as required from a period of 1 second per log or longer
- Log Start and Stop can be operated manually or automatically activated by the PC clock
- Unlimited datalog depth
- Storage of data to user defined result file
- Auto scaled graph of up to four datalog functions
- Dual cursors showing measured values at datalog points

Copy data and copy bitmap:

- Edit > Copy Data
  Copies measured data for pasting into text or spreadsheet programs
- Edit > Copy Bitmap
  Places a bitmap of the presently displayed measurements, table, graph or scope image into the PC clipboard ready to paste directly into documents