








## PiMPro Software Version 4.0.37 RELEASE NOTES



This software and firmware release intended for PiMPro Tower Series. We encourage you to provide your feedback to [support@cciproducts.com](mailto:support@cciproducts.com).

Several features have been added and improvements have been made in response to customer feedback.

### MAJOR FEATURES added since previous version:

- 1)  **Cable Loss Measurement Feature** – Adds the ability to measure the insertion loss of a cable of any length by specifying the cable type. A new icon has been added to the main menu of the PiMPro. In order to accurately measure the insertion loss, cables should be left OPEN (unterminated), or should be terminated with a SHORT, which results in even better accuracy. NOTE: The DTF Option, when licensed, is provided with an OPEN/SHORT termination.
- 2) **Graph Markers and delta measurements** – All graphical measurements can now be further processed to set two different markers. The analyzer will automatically calculate and display the difference (delta) between the two markers. Marker placement is simplified with a variety of "marker helpers" including:
- Move Right  ,
  - Move Left  ,
  - Select Left Peak  ,
  - Select Right Peak  ,
  - Select Left Valley  , and
  - Select Right Valley  .
- 3) **Return Loss and VSWR** – Return Loss measurements can now be displayed on the screen as either Return Loss or as a VSWR measurement. Reports now show the measurement in both Return Loss and VSWR formats.

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- 4)  **Unit Defaults** – A Default Units Icon has been added to the Configuration Menu that allows the user to set the unit of distance to either feet or meters. The distance units are used for Distance-to-PiM, Distance-to-Fault, and cable data entry and display. The distance unit default (feet or meters) is saved and restored even after the analyzer is turned off. Default selection of Return Loss or VSWR (see item 3 above) is also performed in this menu.
  
- 5)  **DAS Test** – DAS Test capabilities are now provided as a standard feature and no longer require a license.

### FIXES and IMPROVEMENTS since previous version:

- 1) **Date & Time Display Formats** –Date and Time display formats are user selectable in the Date and Time Settings menu. Date can be shown in MM/DD/YY or DD/MM/YY format. Time can be shown in AM/PM or 24 hour format.
- 2) **Snapshot File Name default** – As a time saving measure, when saving a Snapshot, instead of producing a blank filename, the analyzer will provide a default filename made up of the Site information, Sector Information, date and time. The user can override or edit this default filename.
- 3) **New Report Default** - When starting or creating a New Report, the analyzer defaults the Operator field, Site Information Field, and Technician field to the same information as the last report. This saves time by not requiring the user to re-type the information. Optionally, the user can override the default information.

### Installation Steps for PiMPro S/W Version 4.0.37

- 1) Load this version of PiMPro Software (PiMProD\_4\_00\_37.tar.gz) onto a USB drive
- 2) Install via the **S/W Updates** icon within the **Config Menu**.
- 3) Note that the previous version of Software will be saved on your analyzer. You can chose to restore to the released version at any time.