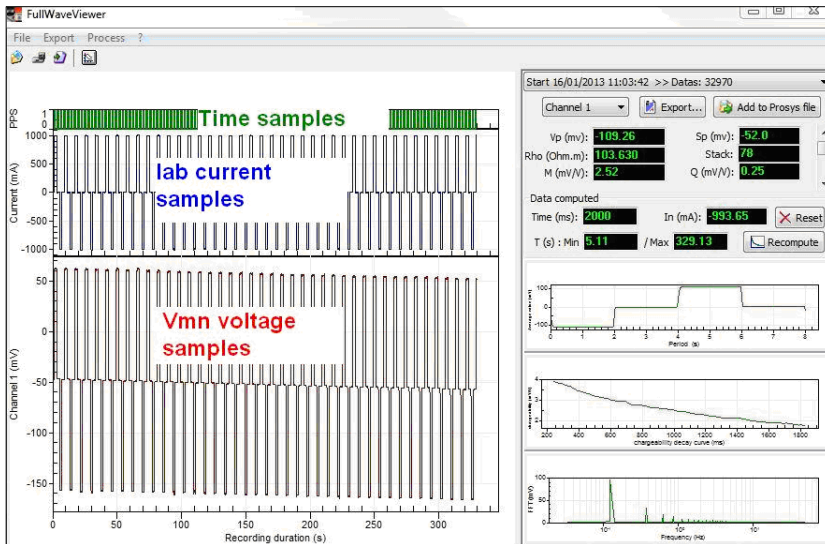


# Full Wave Viewer



Full Wave Viewer is a software program used to process full wave data on a PC. Samples can be displayed, filtered and processed. Resistivity, chargeability and self potential are computed and displayed. Windows of samples can be selected to be processed in order to remove noisy data. A frequency analysis is performed and several filtering options are available. Files can be processed together in correlation with the times series recorded at the transmitter. All time pulses, every second, are shown. All data can be printed and exported in text file for a user advanced processing.

The Full Wave Viewer software is dedicated to:

### Data Management:

- **Import** (V, time) files from V-Full-Waver USB sticks and (I, time) files from I-Full-Waver USB stick
- **Merge** these files into (I, V, time) raw data files
- After processing, **export** the data to PROSYS program for Resistivity & Chargeability quality control and to 3D inversion program (ERTLab)

### Data Processing:

- **Displaying I and V** raw data curves on PC screen
- **Averaging** on selected low noise periods of time
- **Cancelling SP** jumps
- **Rejecting spikes**
- **Re-synchronizing** the V signals, if necessary
- **Computing** Fourier Transform or frequency content analysis

