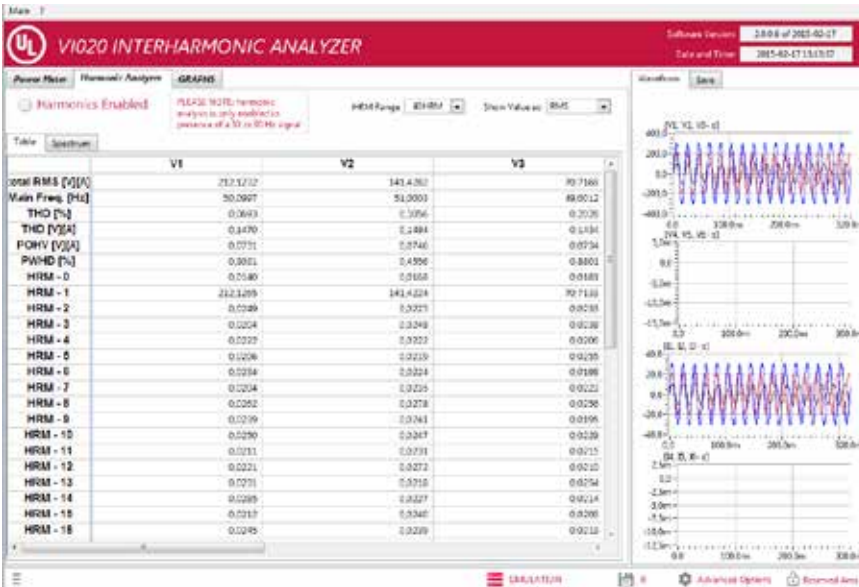




AUT SW VI020 Inter-harmonic Analyzer

The Analyzer can be used to perform harmonics and inter-harmonics analysis.



VI020 Inter-harmonic Analyzer

The following list shows some of the parameters calculated:

- RMS Signal RMS value
- Main Frequency of fundamental component
- THD(%) Total Harmonic Distortion of each signal
- THV/C Total Harmonic Voltage/Current
- POHV/C Partial Odd Harmonic Voltage/Current
- PWHD(%) Partial Weighted Harmonic Distortion
- Zero frequency component and from 40 to 180 Harmonics/Inter-harmonics according to HRM Range. The harmonics are grouped with the nearest inter-harmonics as detailed in the IEC 61000-4-7 standard.

Hardware supported:

VI020 Inter-harmonic Analyzer application is designed to support a range of different acquisition hardware

- RACK
- VIHM Voltage Inter-Harmonic Meter
- CIHM Current Inter-Harmonic Meter
- 3V30 3 Channels Analog Input
- 3PQA 3 Phase Power Quality Analyzer

SOFTWARE KEY FEATURES & SPECIFICATIONS

- Collect, monitor, plot on graph and manage data
- Export data to other applications for presentation and analysis.
- Automatic Report generation

HARDWARE SUPPORTED

- Rack (AUT HW 888)
- VIHM Voltage Inter-harmonic meter (AUT HW 006)
- CIHM Current Inter-harmonic meter (AUT HW 007)
- 3V30 3 Channels Analog Input (AUT HW 008)
- 3PQA Three Phase Power Quality Analyzer (AUT HW 009)
- Calibration services available

ADDITIONAL SOFTWARE

- ED001 Measure Report

For more information or to try a demo, email Matteo.Fancello@ul.com or Patrizia.Ardemagni@ul.com.