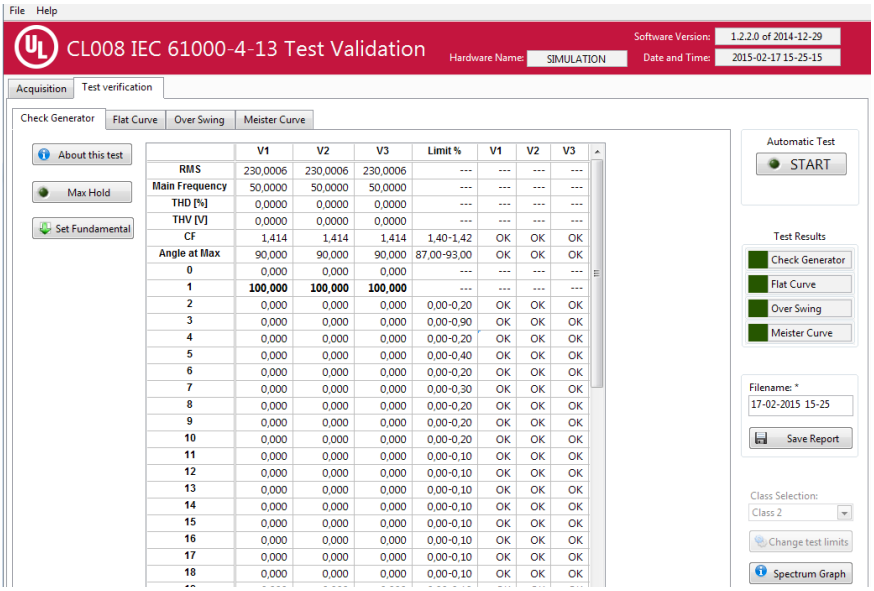
SOFTWARE - AUTOMATION SERVICES

CL008 IEC61000-4-13 Test validation



Example of test validation results

CL008 IEC61000-4-13 Test validation software verifies power source and disturbance signals during the harmonic and inter-harmonic immunity test according to IEC61000-4-13.

The Software is able to verify for each of 3 phases:

- The voltage generator distortion
- The parameters of the Flat Curve test
- The parameters of the Over Swing test
- The parameters of the Meister Curve test

AUT HW 008 3V30 3 Channels Analog Input

In order to provide the compliance with the standard, the **Test Verification** window allows the user to verify power supply generator performance during different tests required by the standard IEC 61000-4-13.

It is possible to run the tests in manual and automatic mode, since the software is able to detect the different tests which are part of this verification.

Benefits

- Include all instruments (Inter-Harmonics Analyzer, Oscilloscope) needed to verify the power source generator during the immunity test
- Evidence of compliance during test with judgment according to IEC61000-4-13
- Meister Curve analysis at 60Hz, with the ability to consider inter-harmonics components in multiples of 6Hz

SOFTWARE KEY FEATURES & SPECIFICATIONS

- Connection mode : USB
- Quick test setup and execution
- Collect, monitor and manage data
- Present data graphically
- Export data to other applications for presentation and analysis.

STANDARD REFERENCE

- IEC 61000-4-13. Testing and measurement techniques - Harmonics and inter-harmonics including mains signaling at a.c. power port, low frequency immunity tests

HARDWARE SUPPORTED

- 3V30 3-Channels, 300 Vrms Analog Input Module (AUT HW 008)
- Calibration services available

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