

# KS8107A Spreadsheet Plugin

## Save TAP Results to Spreadsheets

### Keysight Test Automation Product Summary

The Keysight Test Automation on PathWave (TAP) software provides powerful, flexible and extensible test sequence and test plan creation with additional capabilities that optimize your test software development and overall performance. Keysight TAP is a modern Microsoft .NET-based application that can be used stand-alone or in combination with higher-level test executive software environments. Leveraging C# and the power of Microsoft Visual Studio, TAP is not just another programming language. It is a modular infrastructure upon which you can build your test solutions, maximizing your team's productivity by using your existing software development tools and infrastructure.

### Architecture

Included with Keysight TAP is the core sequencing engine, tools and plugins to minimize your test system development time and test execution speed. The Spreadsheet Plugin provides a configurable plugin to store and visualize TAP results using Microsoft Excel and compatible spreadsheets.



## KS8107A Product Overview

This KS8701A Spreadsheet plugin is a result listener that allows users to publish test results from any TAP Test Step to a Microsoft Excel compatible spreadsheet. It is designed for ease of use and the user can customize the output report using templates.

## Plugin Workflow



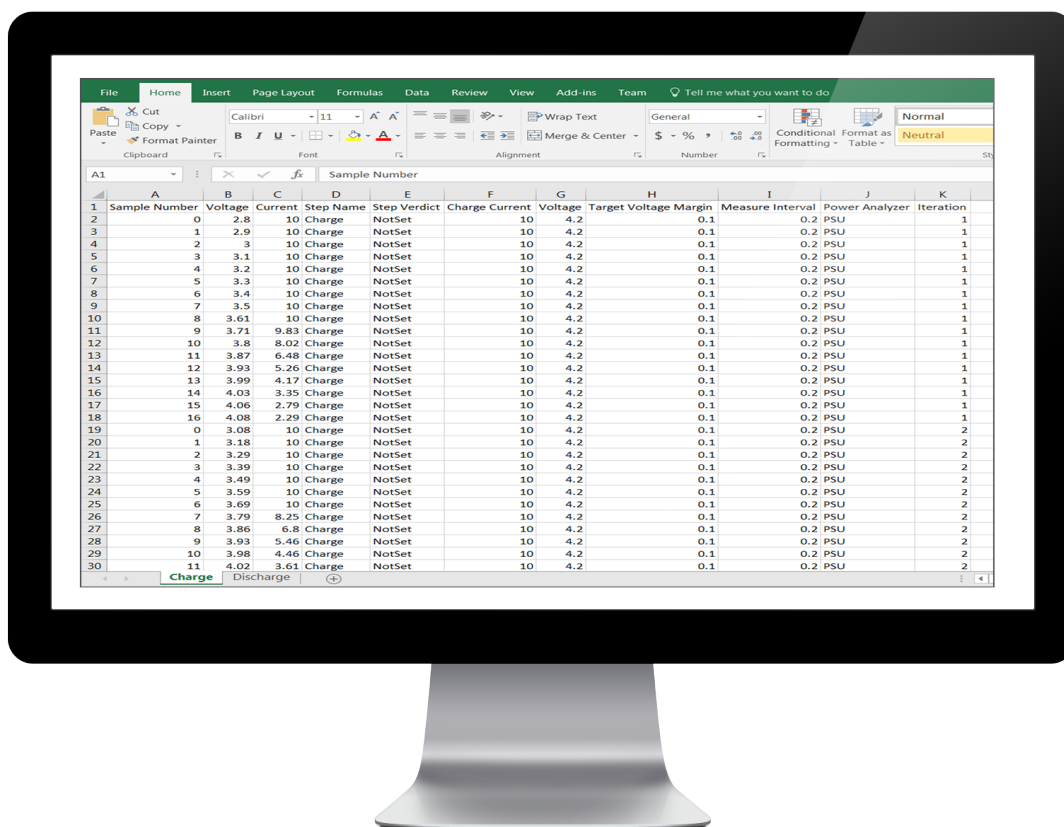
1. Add the Spreadsheet Result Listener in the TAP Bench Settings
2. Configure the output settings and optionally specify a template for the report.
3. Run your Test Plan
4. Open the spreadsheet report file that was generated to view the results.

## Key Features

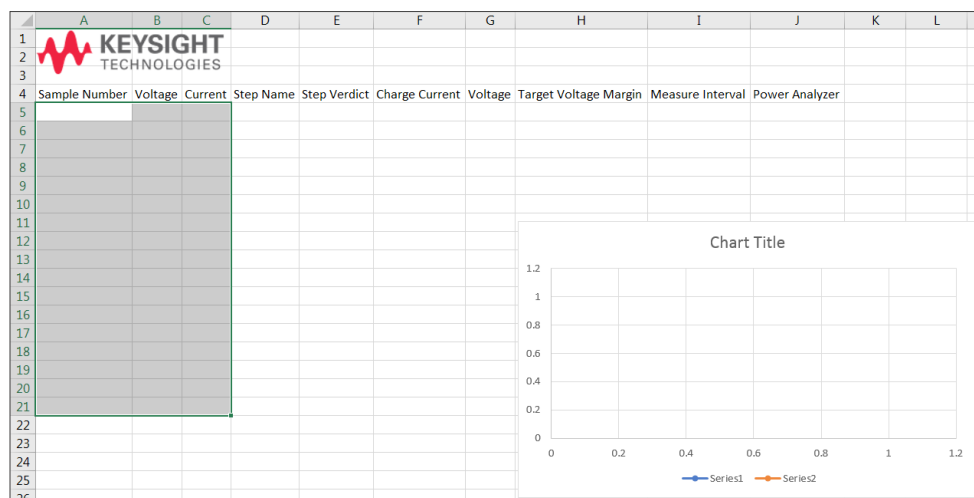
The plugin settings dialog allows for configuration such as the report filename and selecting a template. The available settings are shown below:

Spreadsheet	
Filename	Results\<Date>-<Verdict>.xlsx ...
Template	...
Open Spreadsheet	<input checked="" type="checkbox"/>
- Advanced	
Arrange by Step Type	<input checked="" type="checkbox"/>

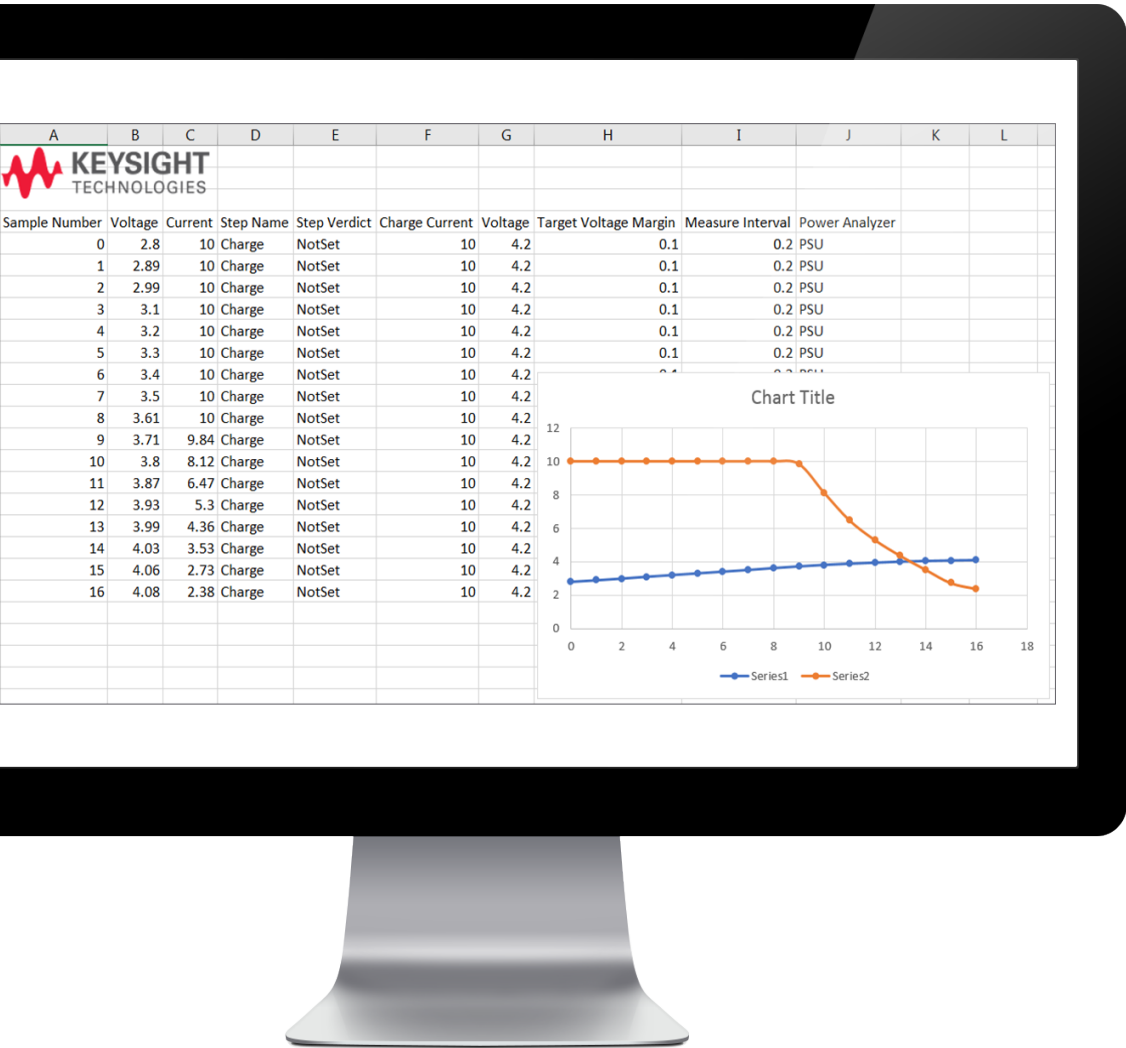
Example report output:



The output report can be customized using templates. For example, a template containing a chart, logo, etc. can be created and specified in the configuration dialog:



Such an input template will result in the result data being populated under the appropriate columns and the customizations will be automatically applied to the report. The original input template will not be altered.



The generated reports can be viewed using Microsoft Excel or any other spreadsheet application that supports xls, xlsx spreadsheet formats.

# Ordering Information

## KS8107A software licensing

Keysight KS8107A Spreadsheet Plugin software is licensed based on the options purchased. Licenses are sold as fixed node-locked to a single PC, transportable and network floating in either perpetual or annual durations.

	Fixed, node-locked (single PC)	Transportable	Network floating (multiple PCs)
Perpetual license	KS8107A-1FP	KS8107A-1TP	KS8107A-1NP
One-year license	KS8107A-1FY	KS8107A-1TY	KS8107A-1NY



### Try the Software Today!

Experience TAP's powerful and flexible test sequence and creation capabilities and optimize your test software development today.

Download the 30-day trial.  
[www.keysight.com/find/pathwavetest](http://www.keysight.com/find/pathwavetest)

## System and Installation Requirements

### Recommended minimum PC configuration

- Microsoft Windows 7 Service Pack 1: Starter, Home Basic, Home Premium, Professional, Ultimate or Enterprise (32- or 64-bit)
- Microsoft Windows 8 or 8.1: Base, Professional or Enterprise (32- or 64-bit)
- Microsoft Windows 10: Home, Professional, Enterprise or Education (32- or 64-bit)
- At least 1 GB free disk space
- Minimum 1024x768 video monitor

### Prerequisite drivers and software

- KS87XXA, KS84XXA or KS8000A
- Microsoft Excel, or compatible spreadsheet software
- For software development: Microsoft Visual Studio 2015 or 2017 Professional or Enterprise editions recommended
- Microsoft .NET v3.5 and 4.6.2 or later

## Related Software

Keysight I/O Libraries

[www.keysight.com/find/iosuite](http://www.keysight.com/find/iosuite)

Keysight Test Automation on PathWave

[www.keysight.com/find/pathwavetest](http://www.keysight.com/find/pathwavetest)

## Premium Support and Consulting Services

Software support subscriptions include access to updates and call center experts during the subscription period. Perpetual licenses must order a one-year support subscription which can be optionally renewed every year. Annual licenses include a support subscription.

Keysight also offers a variety of optional start-up assistance and project consulting services to help you maximize your test development productivity. Contact your Keysight sales specialist or application engineer for more details.

[www.keysight.com/find/services](http://www.keysight.com/find/services)

## More Information

For additional details regarding Keysight's Test Automation on PathWave, visit

[www.keysight.com/find/pathwavetest](http://www.keysight.com/find/pathwavetest)

For additional details regarding Keysight's PathWave design and test software platform, visit [www.keysight.com/find/PathWave](http://www.keysight.com/find/PathWave)

Learn more at: [www.keysight.com](http://www.keysight.com)

For more information on Keysight Technologies' products, applications or services, please contact your local Keysight office. The complete list is available at: [www.keysight.com/find/contactus](http://www.keysight.com/find/contactus)

