Keysight Start-Up Assistance

M980xA Series PXIe vector network analyzer
P50xxA Streamline Series USB vector network analyzer

Introduction

Keysight’s vector network analyzers (VNAs) can help you with your most demanding component measurement challenges. The VNAs give you exceptional flexibility, scalability, and measurement performance to quickly get your product to market. These highly versatile systems must be set up and configured correctly to ensure measurement accuracy. Keysight Start-Up Assistance is an onboarding training service delivered on-site or remotely by our technical experts. The comprehensive training removes the complexity associated with the initial set up and enables you to complete your measurement tasks quickly.

The Keysight PS-S40-01/02/03 assistance service options are available for the Keysight M980xA Series PXIe VNA and the Keysight P50xxA Series USB VNAs. With the PS-S40-01, we will help you with the system installation training so you can become familiar with the VNA’s hardware and software application capabilities. We also offer optional training courses for the PS-S40-02/03 to expand your knowledge base to complete your projects faster.

Training Benefits

- Expertise — gain essential knowledge from our industry experts.
- Learn — stay current with the latest technology and product features.
- Flexibility — choose the training level, topics, duration, and modality that fits your requirements.
- Productivity — tailor the courses to meet your project requirements, with remote or hands-on demonstrations.

Faster and reliable measurements

Keysight Start-Up Assistance training is an onboarding service delivered by our technical experts.

The comprehensive training options removes the complexity associated with the initial set up and enables you to complete your measurement tasks quickly and easily.
Training Options

We offer three set up assistance training options based on your requirements. See Table 1 for a comparison of the available courses.

<table>
<thead>
<tr>
<th>Training Options</th>
<th>PS-S40-01</th>
<th>PS-S40-02</th>
<th>PS-S40-03</th>
</tr>
</thead>
<tbody>
<tr>
<td>Training</td>
<td>Included – instrument care and operations starter training</td>
<td>Optional – technology and measurement science standard training</td>
<td>Optional – functional and customer-specific application training</td>
</tr>
<tr>
<td>Availability</td>
<td>Included</td>
<td>Optional</td>
<td>Optional</td>
</tr>
<tr>
<td>Delivery format</td>
<td>Instructor-led or remote</td>
<td>Instructor-led</td>
<td>Flexible</td>
</tr>
<tr>
<td>Topics</td>
<td>Product overview, System set up, Initial measurements, Applications</td>
<td>VNA theory, Customized curriculum covering a range of applications</td>
<td>Customized curriculum covering a range of applications</td>
</tr>
<tr>
<td>Duration</td>
<td>1 day</td>
<td>2+ days</td>
<td>Custom</td>
</tr>
</tbody>
</table>

Table 1. M980xA/P50xxA Start-Up Assistance options

PS-S40-01 – Included Instrument Care and Operations

Included with the purchase of the M980xA and P50xxA VNAs, this training module covers the fundamentals to help you get started. This module helps you make your first measurements quickly and with confidence. The recommended duration is up to one day depending on the configuration; the training format is on-site or remote.

You can use the hardware and software purchased for the 12-step PS-S40-01 curriculum. The training will cover the following topics:

1. overview of instrument / solution capability
2. set up of the ESD assembly environment
3. unpack and verify the completeness of your shipment
4. set up the controller, peripherals, and install the software
5. install the hardware modules and cables
6. prepare all accessories that are necessary for the measurement (calibration kits, power sensor)
7. verify the operation of the system
8. overview of the instrument’s front panel and rear panel
9. introduction to the connector and its care
10. overview of the user interface and the concepts (windows, channels, and traces) of the software front panel
11. initiate the measurements to your requirements
12. assistance with the related instrument set up questions
PS-S40-02 Optional – Technology and Measurement Fundamentals

This optional training course covers the technology and science behind the measurement. You will gain deeper insights into the VNA measurement theory and applications while using the PS-S40-02. The recommended duration is two days or more; the format is on-site or the nearest Keysight office.

You decide the topics based on your requirements — choose the number of days and which subjects you would like to cover with your Keysight representative. For example, see Figure 1 for an example of a three-day course.

Figure 2. The customer experience depends on a complex chain of networked elements

PS-S40-03 Optional – Customized and Application-Specific

This optional, customizable training program offers your team a training experience that integrates into your current workflow. The training connects the theoretical to your application-specific requirements. Multiple modalities allow for the most efficient learning experience. The recommended duration is custom to fit your learning requirements; the format is a mix of instructor-led (on-site or nearest Keysight office) or remote sessions. To learn more, please contact your Keysight sales representative.
Conclusion

Keysight provides a comprehensive portfolio of assistance options to address different levels of training requirements. Our training services will help you achieve the technical proficiency necessary to optimize the effectiveness of your product development and test requirements.

Please contact your local Keysight representative for more information.

To learn more about Keysight solutions, please visit:

www.keysight.com/find/educationservices.

www.keysight.com/find/pxivna.


Support. Elevated.

Transform customer care for hardware, software, and technical support to get better results, consistently.

www.keysight.com/find/KeysightCare

Learn more at: 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