

Setting up a new station for the
SoftPlot Automated Phase
Application

Installing the Keysight GPIB drivers

This install assumes we are using the Keysight 82357B USB/GPIB interface



Install the latest Keysight IO Libraries Suite from the web

82357B USB/GPIB Interface High-Speed USB 2.0

keysight.com/en/pd-851808-pn-82357B/usb-gpib-interface-high-speed-usb-20?cc=US&lc=eng

82357B USB/GPIB Interface High-Speed USB 2.0

Sold By: Keysight - Usually arrives in 6 weeks
Authorized Sales Partners - [Check availability](#)

[View Data Sheet](#) [Visit Technical Support](#)

Images

Starting From **US\$ 594**

[Get Quote](#) [How to Buy or Rent](#) [Add to My Watchlist](#)

Prices for: United States
* Prices are subject to change without notice. Prices shown are Manufacturer's Suggested Retail Prices (MSRP). Prices shown are exclusive of taxes.

Product Support Center

- [Technical Support](#) manuals, drivers, application notes, firmware, software, ...
- [Parts](#)
- [Repair & Calibration Services](#)

Key Features & Specifications

- Easy connection - plug-and-play interface
- USB 2.0 interface (USB 1.1 compatible) and IEEE-488 interface (connect up to 14 GPIB instruments)
- High-speed - transfer over 1.15MB/sec
- Parallel Polling (check response of up to 8 devices at one single poll)
- Standard industry libraries with Keysight IO Libraries Suite

Description

The Keysight 82357B USB/GPIB Interface provides a direct connection from a USB port on your laptop or desktop PC to GPIB instruments. There are no switches to set, no PC cards to install, and no external power supplies required. Getting connected has never been easier.

Want to see more? [See Video Demo](#)

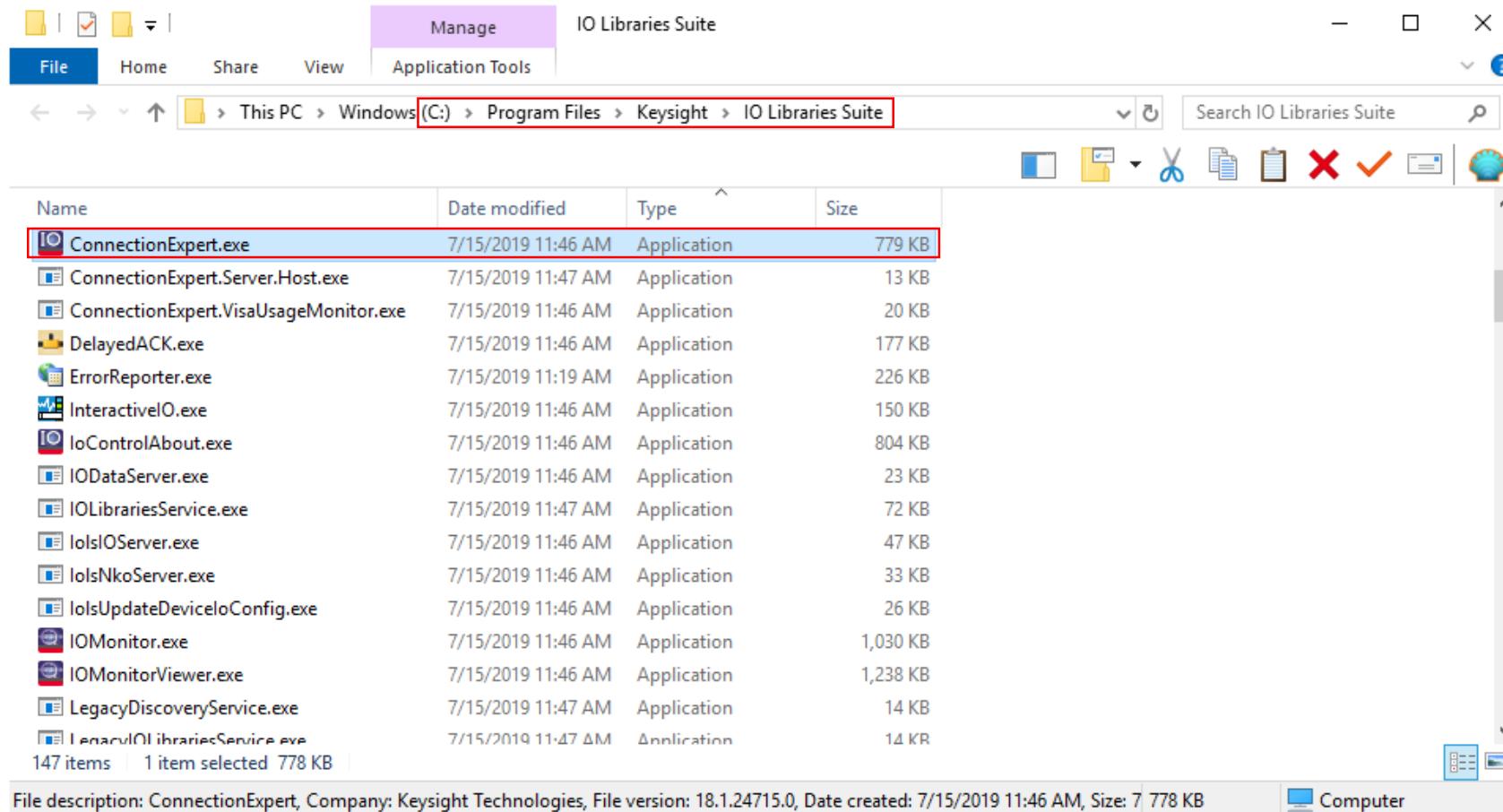
To quickly establish instrument connection on a PC, download and install [Keysight IO Libraries Suite](#)

Automate and perform data analysis on your test system easily with [Keysight VEE Pro](#)

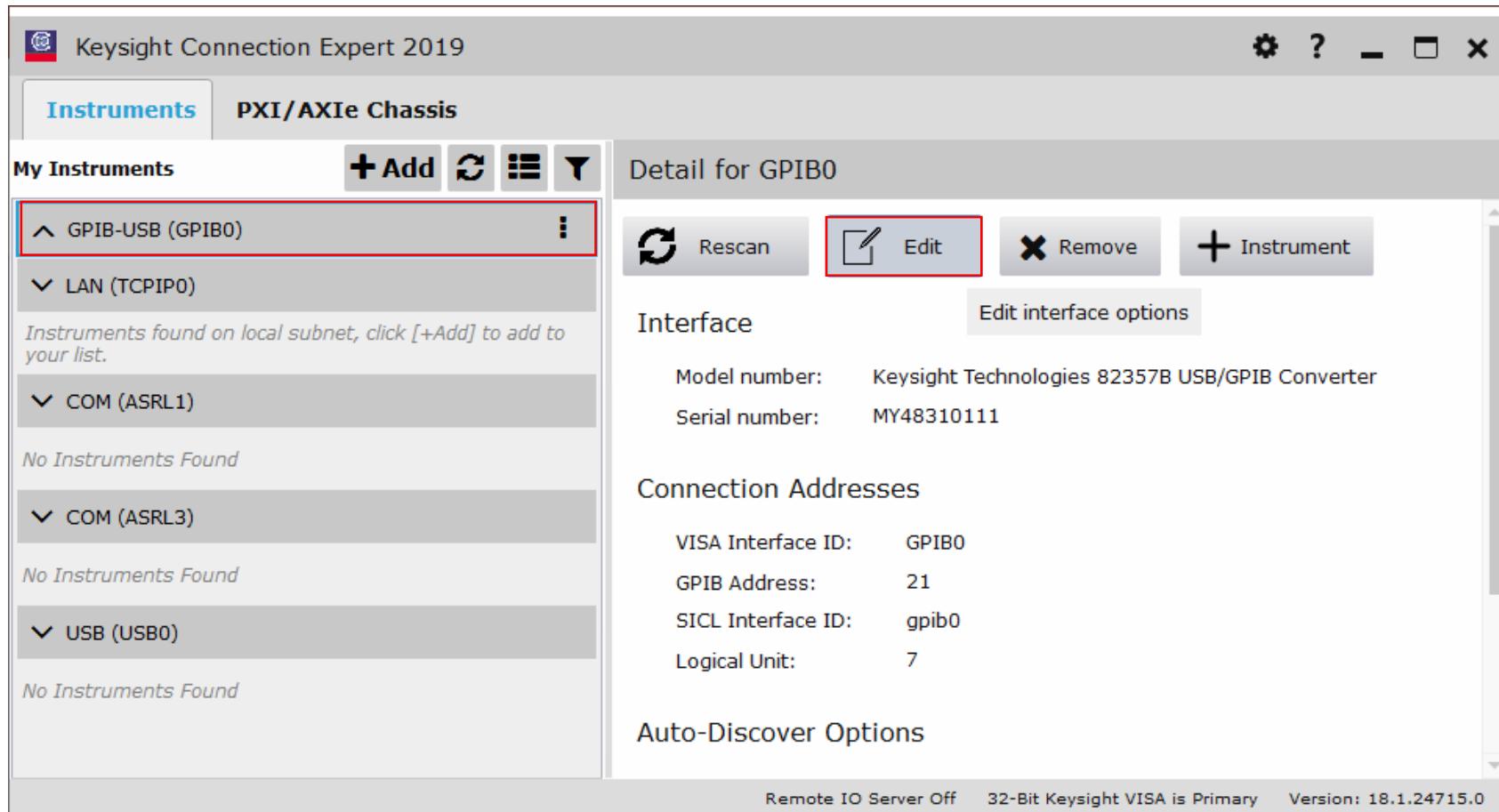
Counterfeits of this or closely related products have been found in the market. To ensure you are purchasing an authentic Keysight product with the quality and performance you expect,



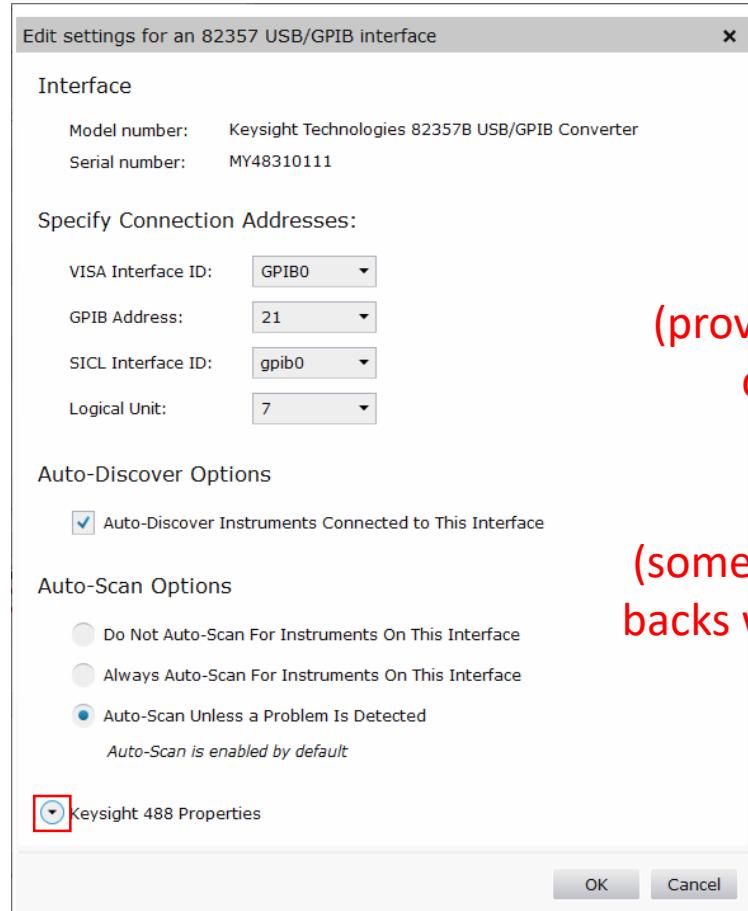
Run the Connection Expert



Edit the settings for the GPIB-USB interface



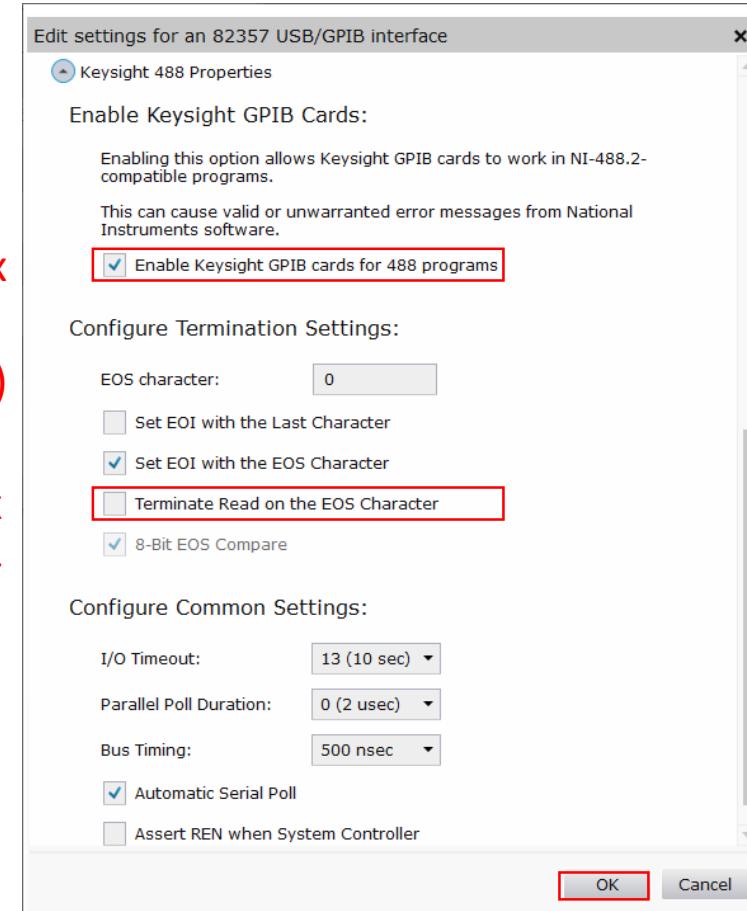
Configure the adapter to work with SoftPlot and the VNA Utility



Check box
(provides more reliable
comm. w/ HP8720)

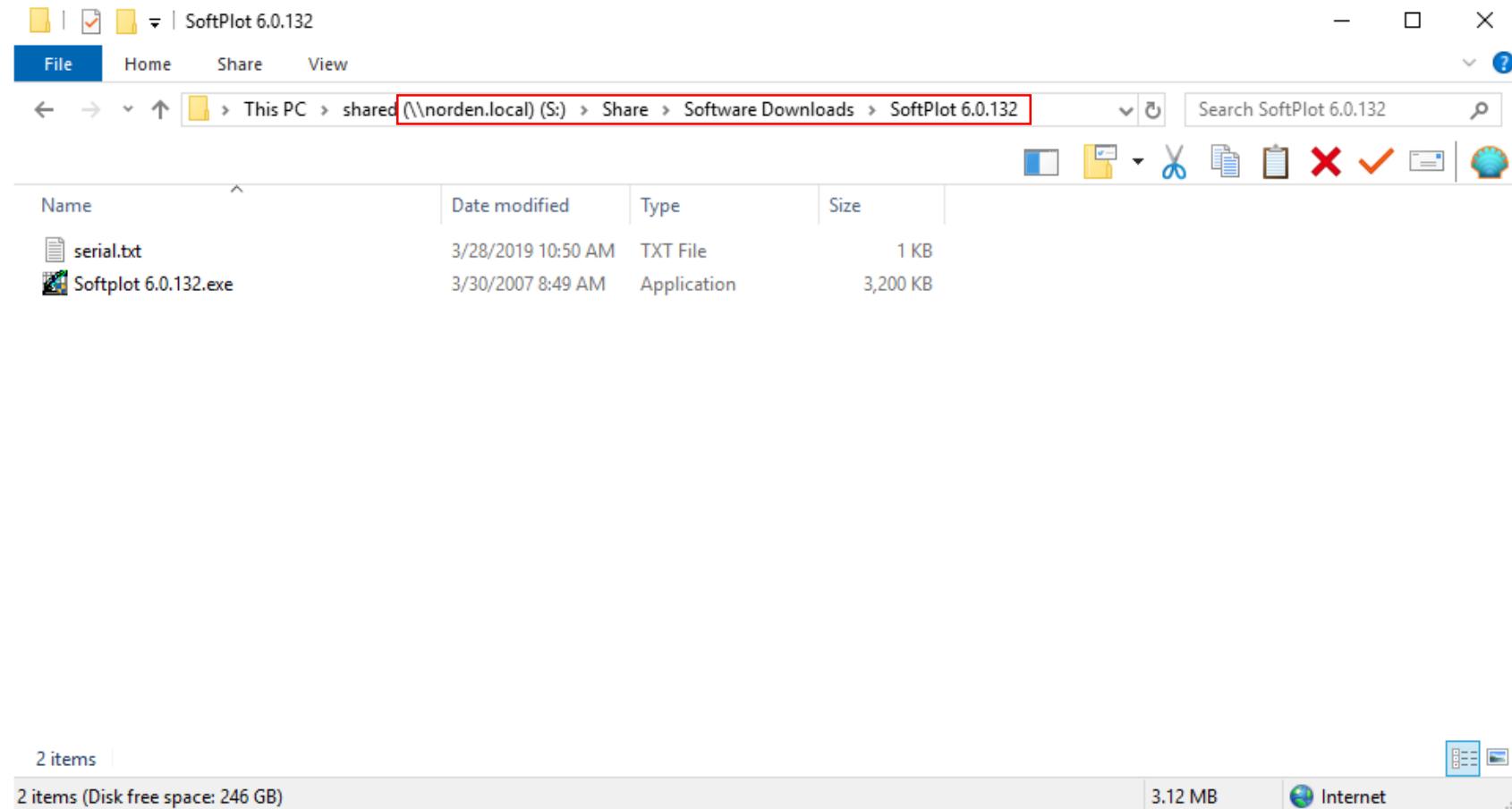
Uncheck box
(some binary trace read-
backs will appear as EOS)

Click arrow

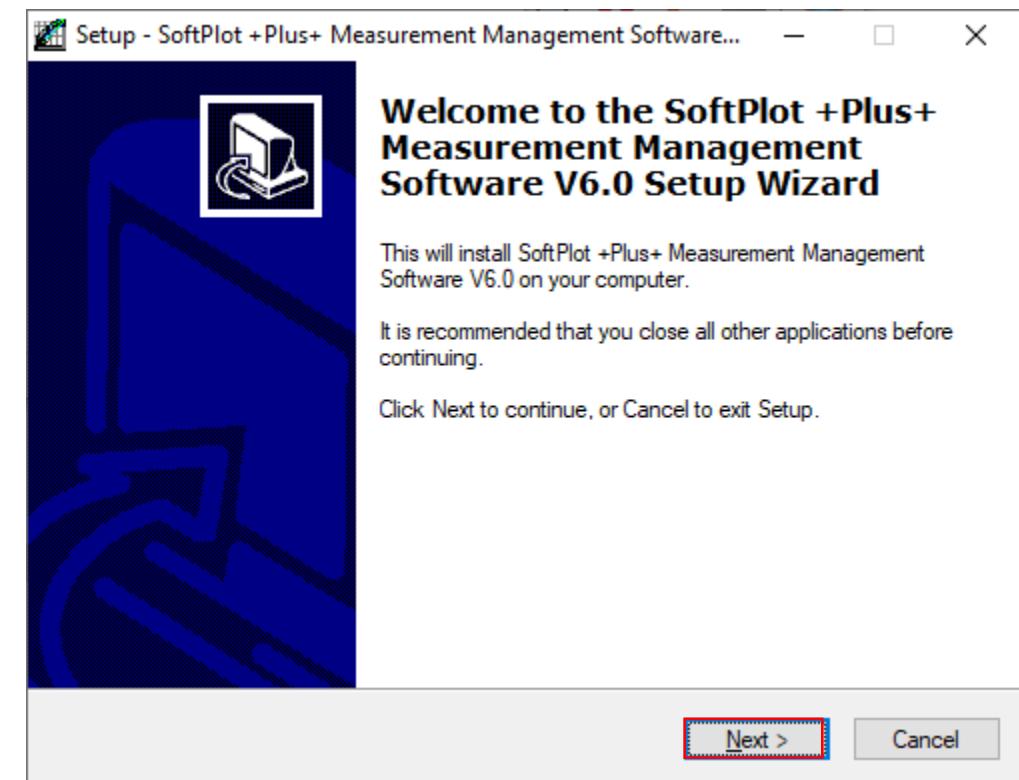
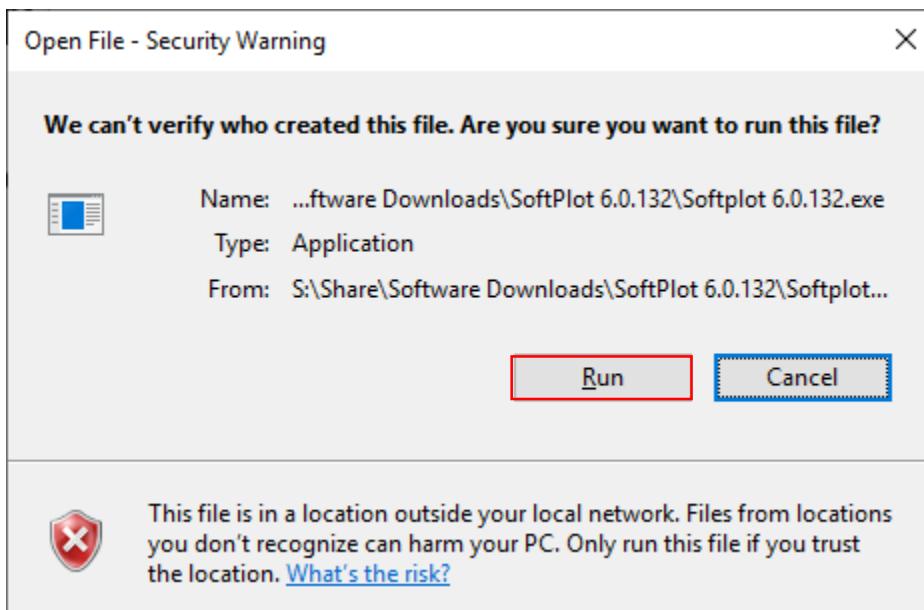


Installing SoftPlot

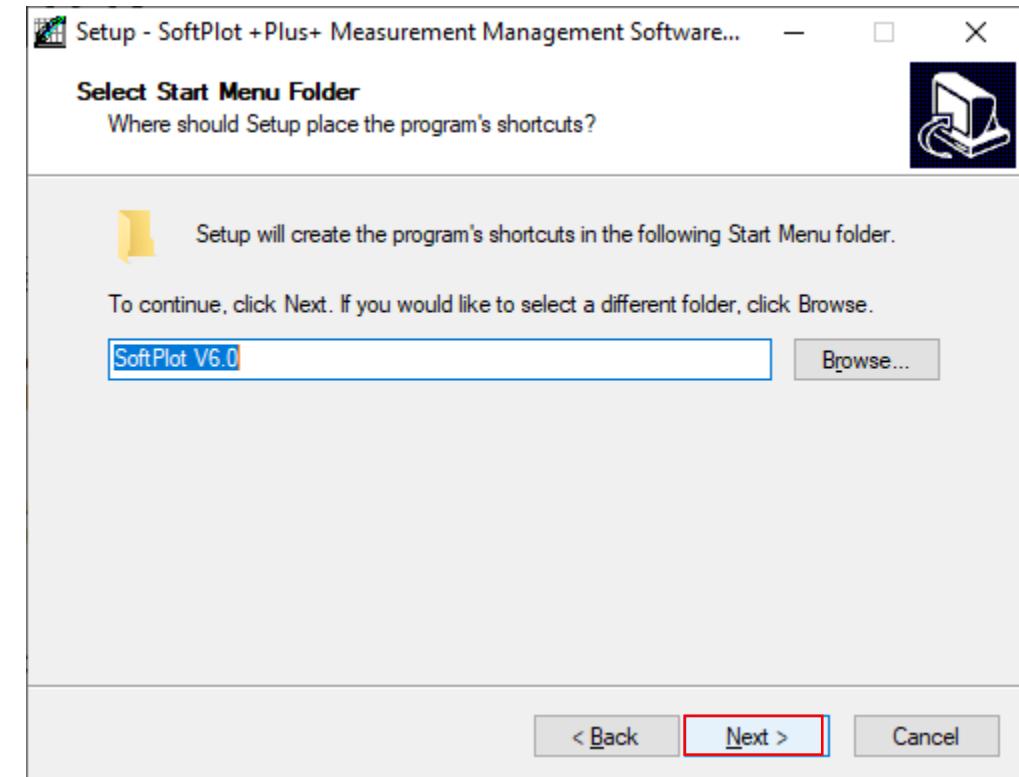
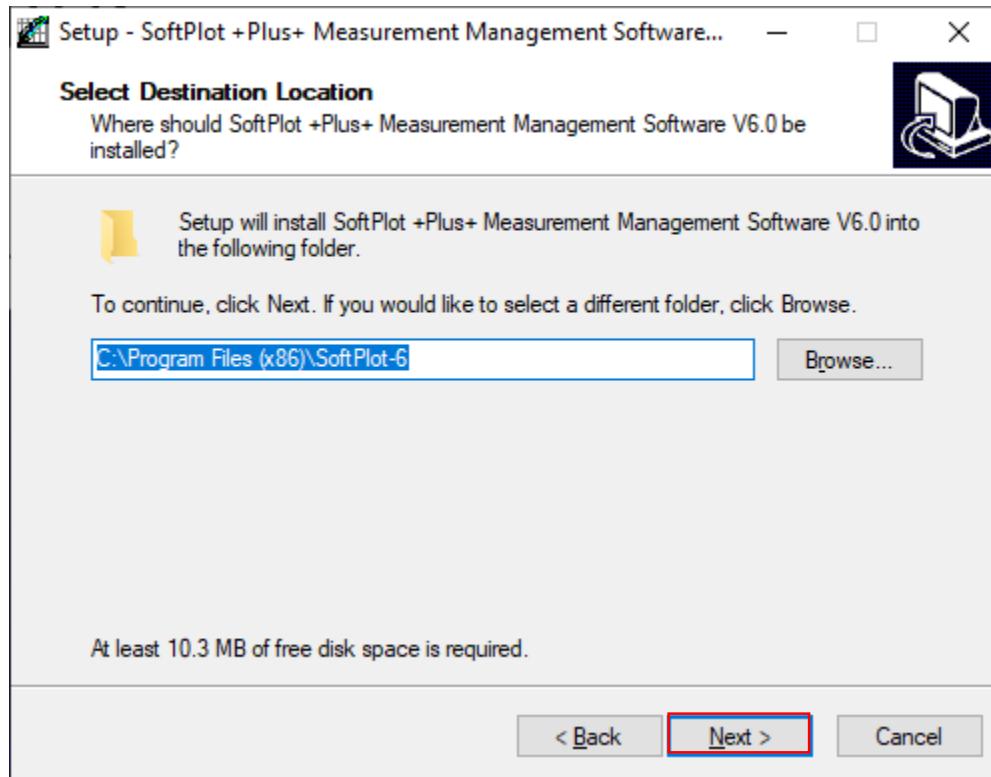
Find the SoftPlot installation directory



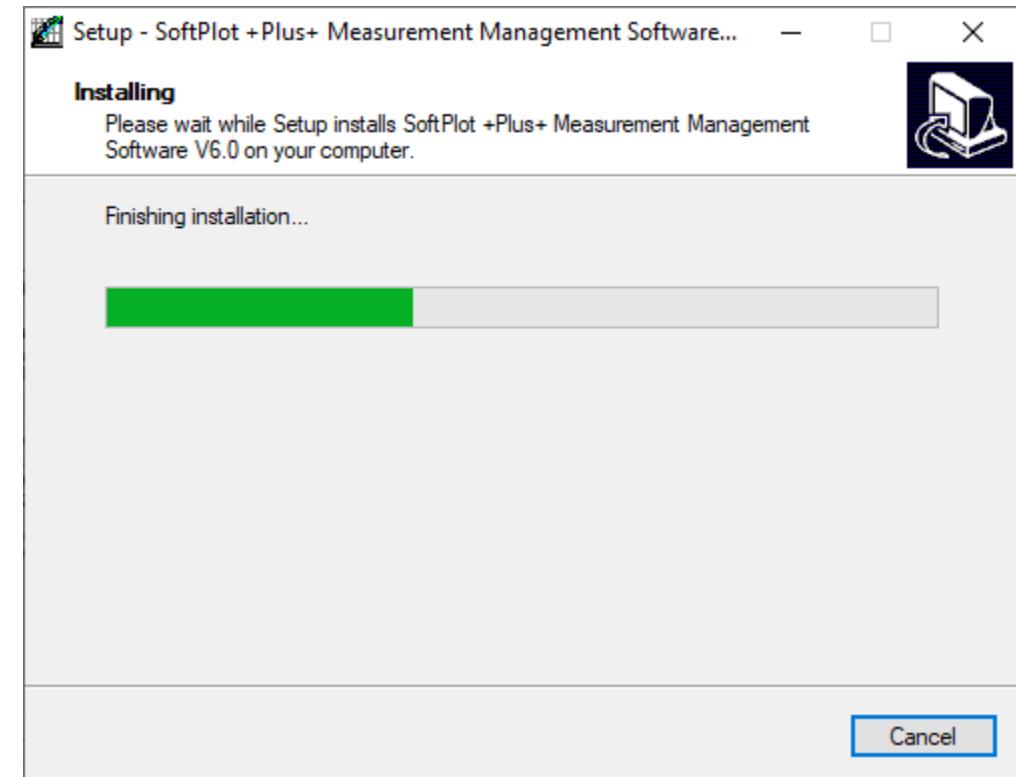
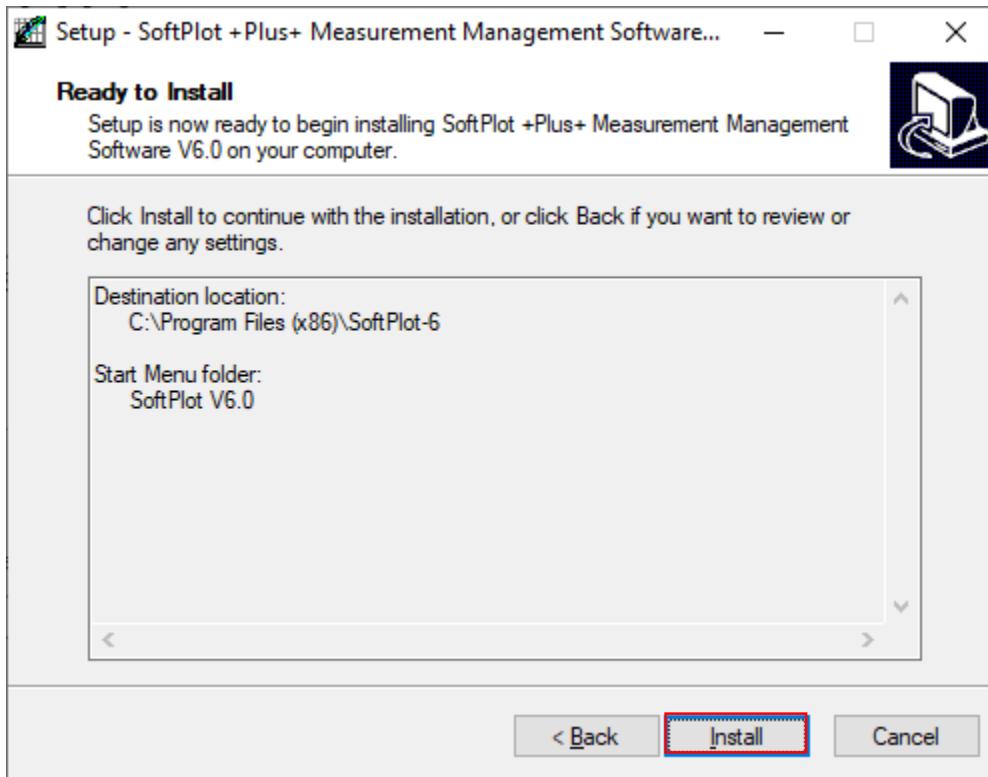
Run the installer (page 1)



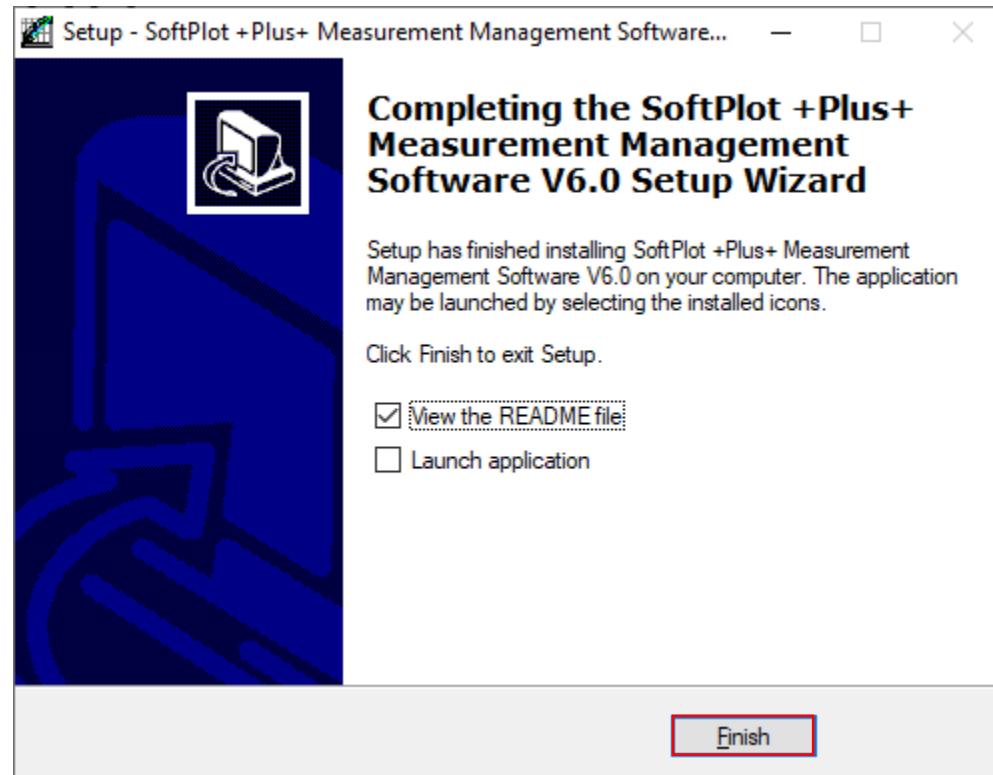
Run the installer (page 2)



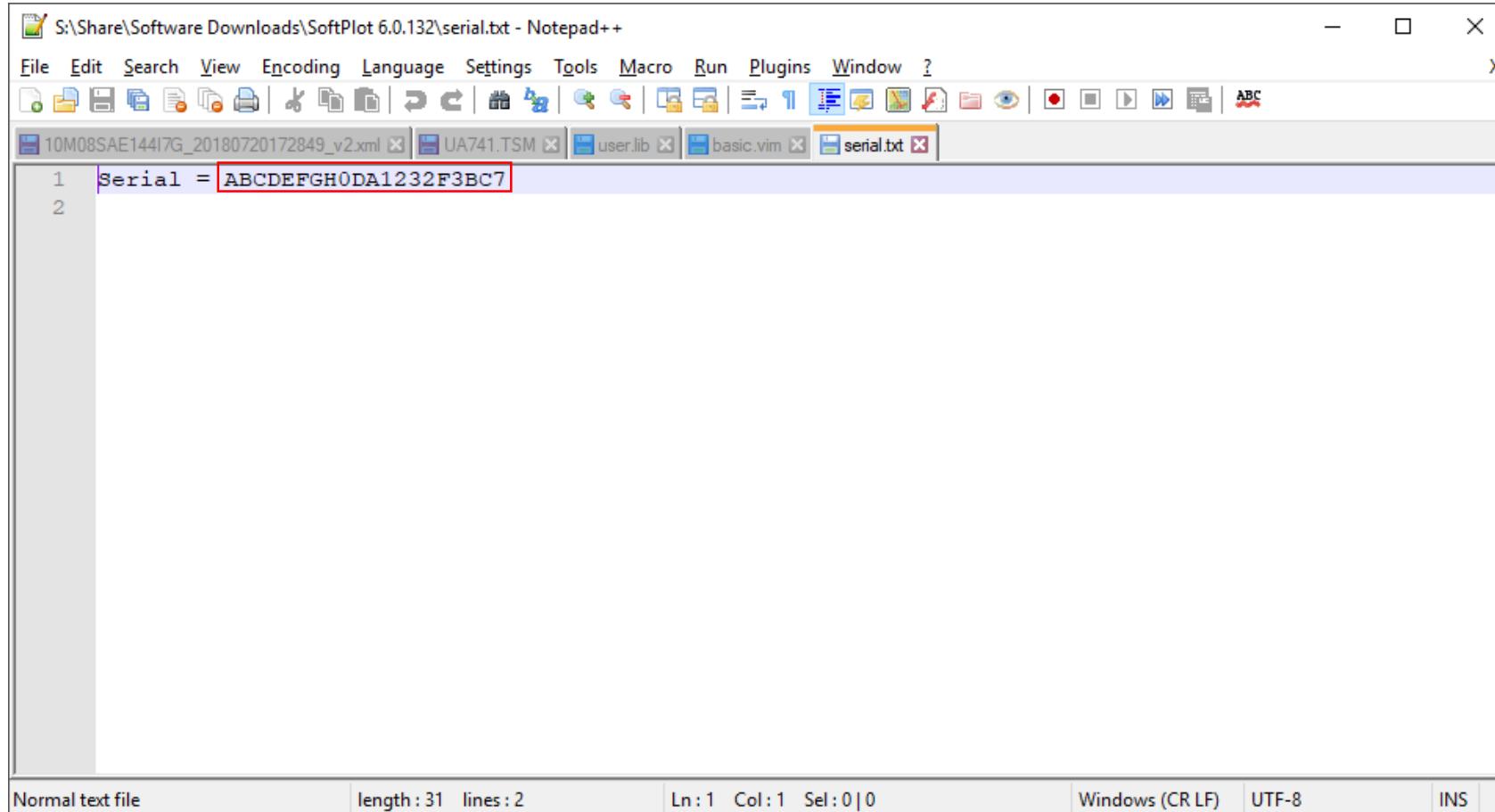
Run the installer (page 3)



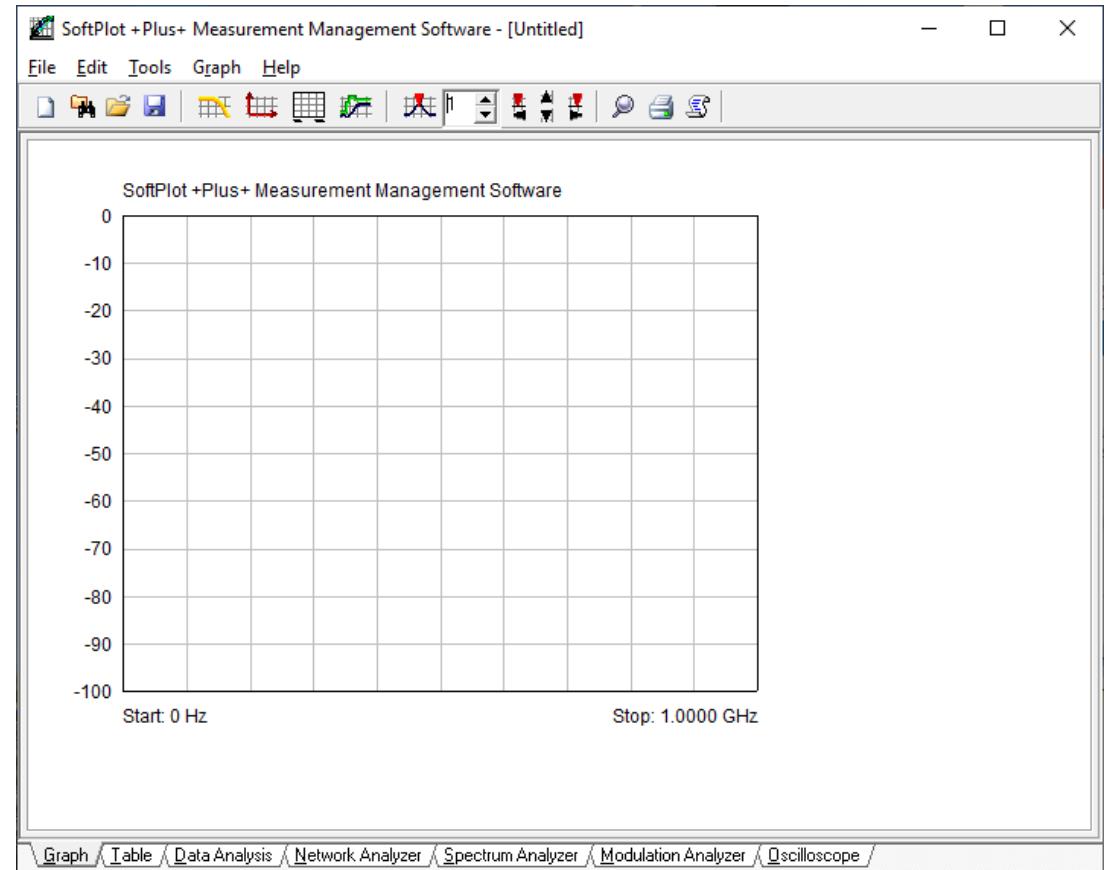
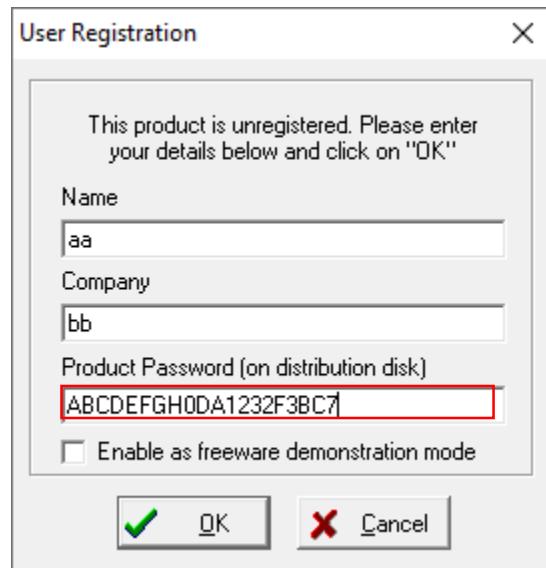
Run the installer (page 4)



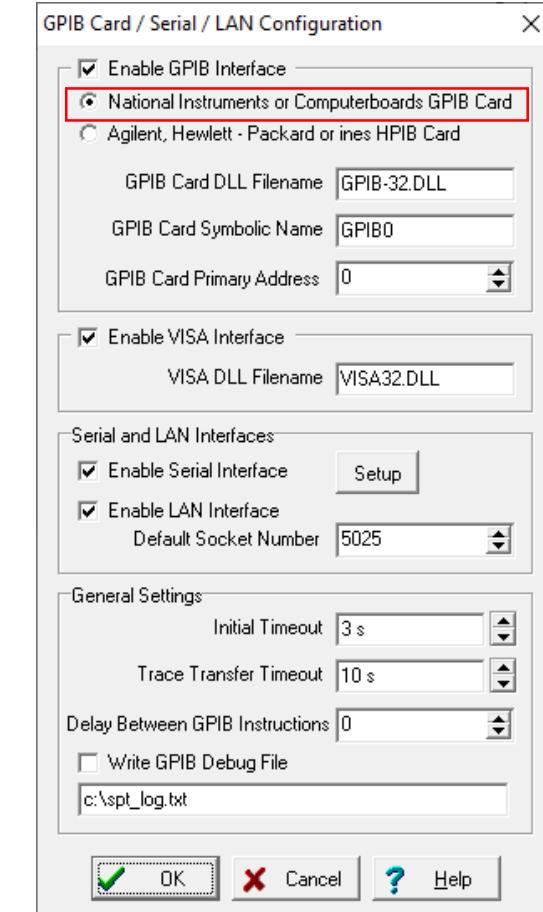
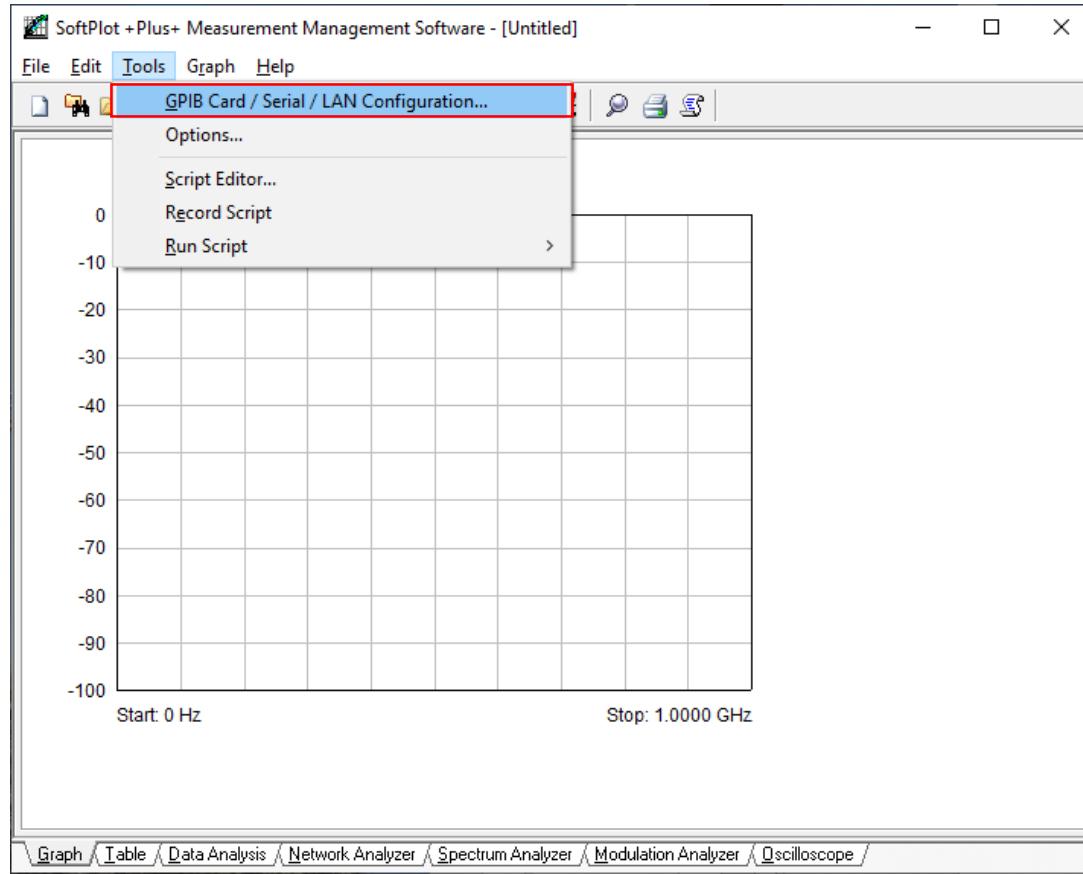
Copy the serial number from the file in the install directory



Run SoftPlot and enter the serial number for the product password



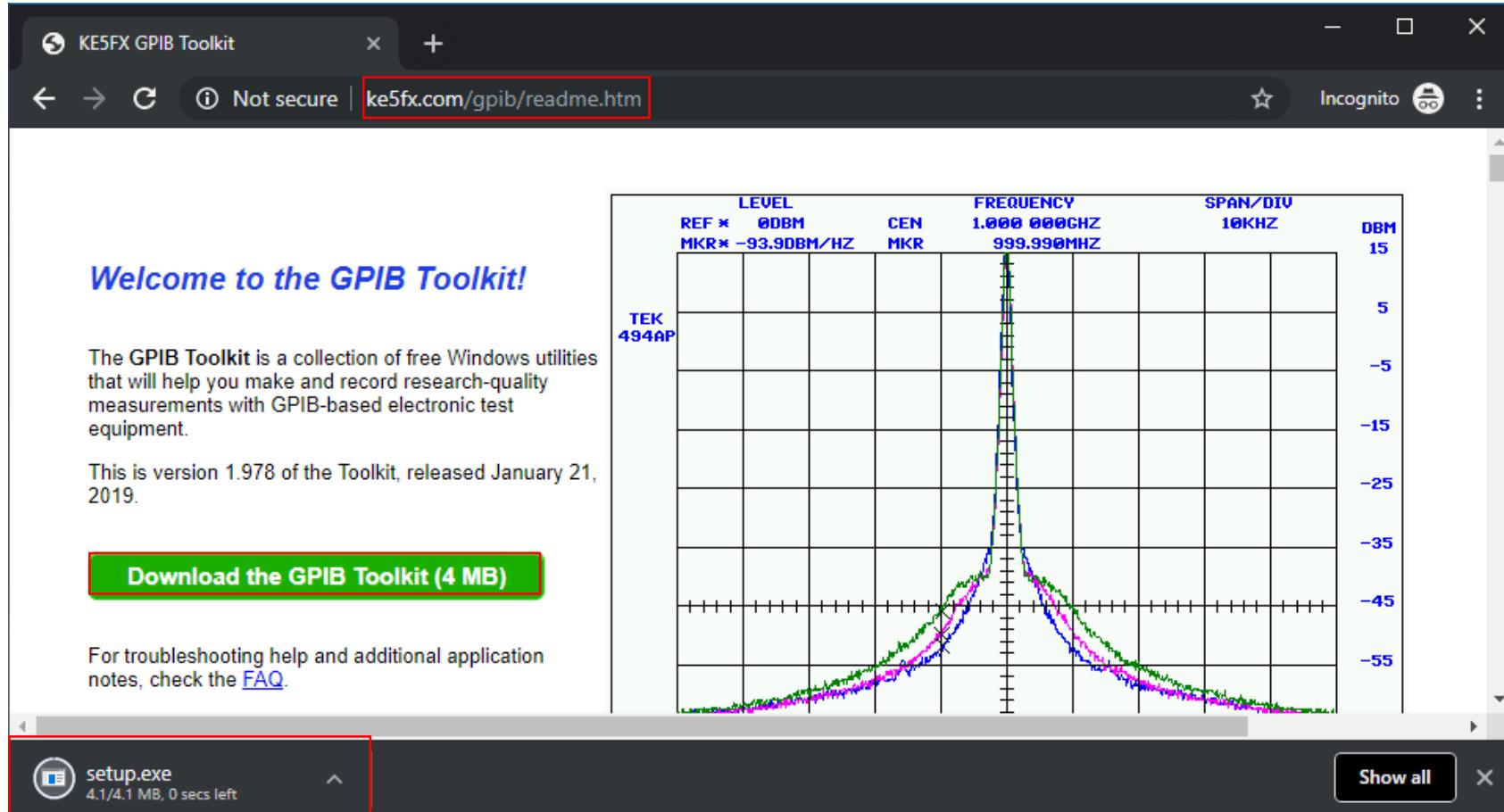
Configure for a National Instruments GPIB interface



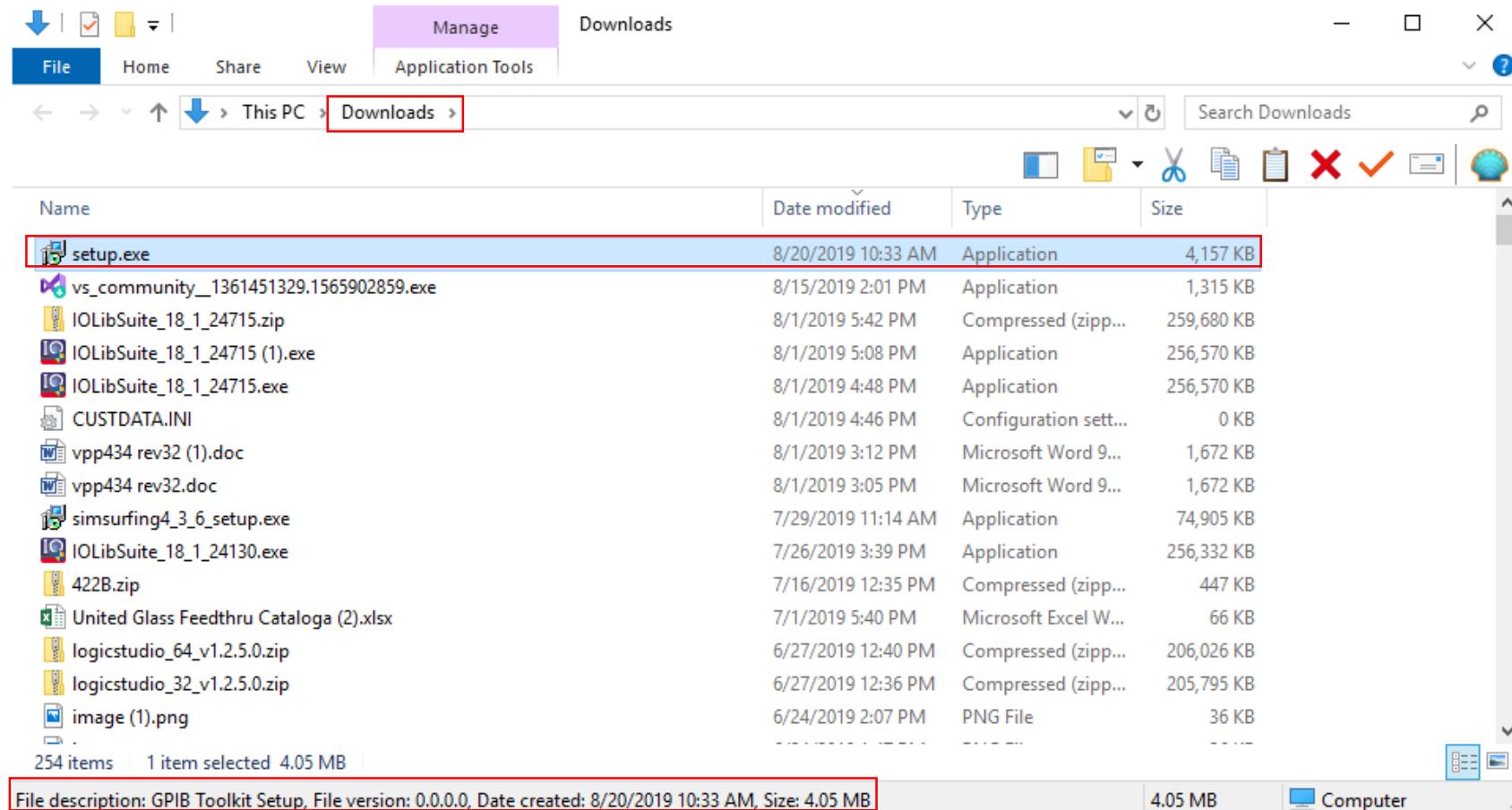
Select NI GPIB Card
(provides more reliable comm. w/
HP8720)

Installing VNA Utility

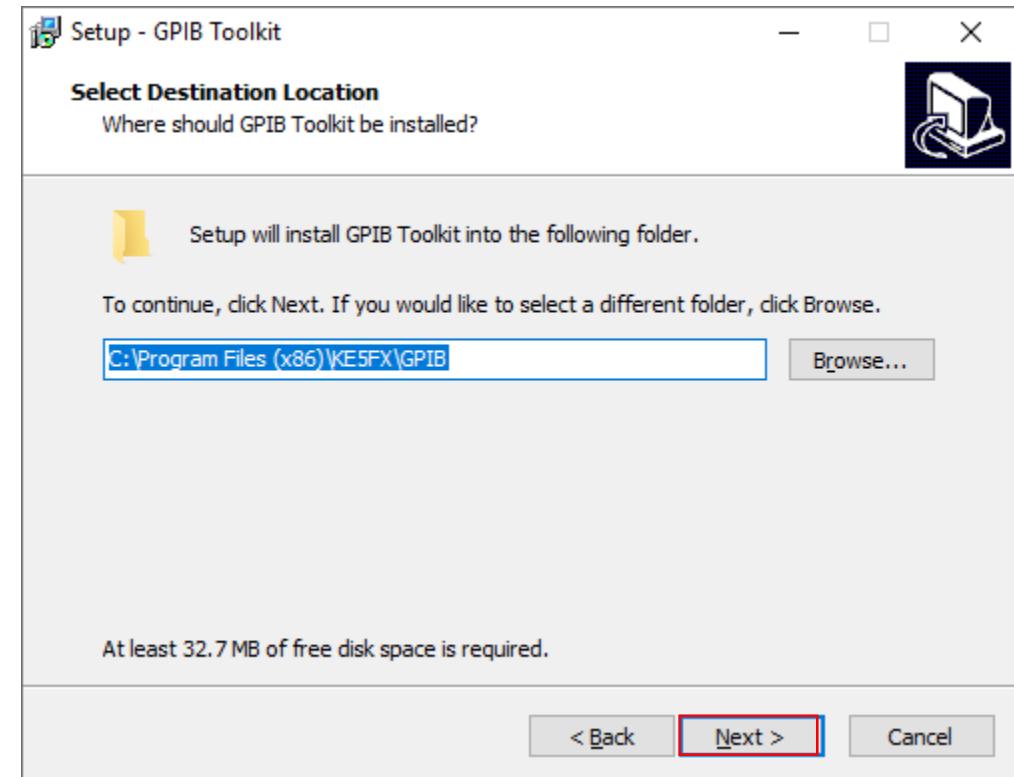
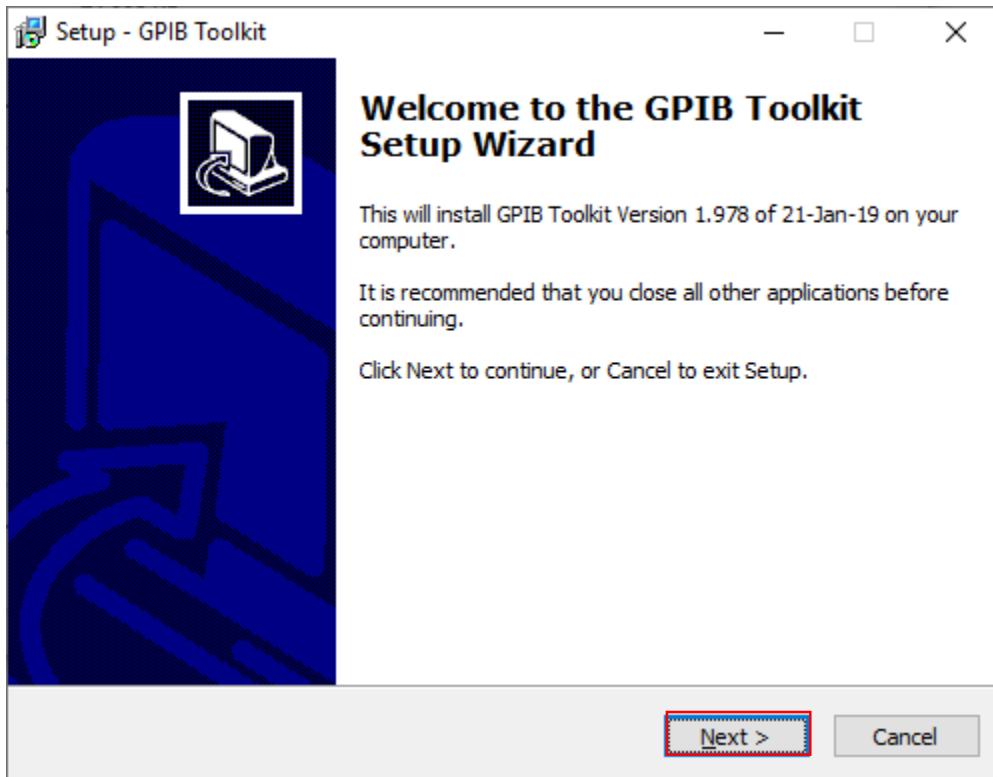
Find the installer on the web



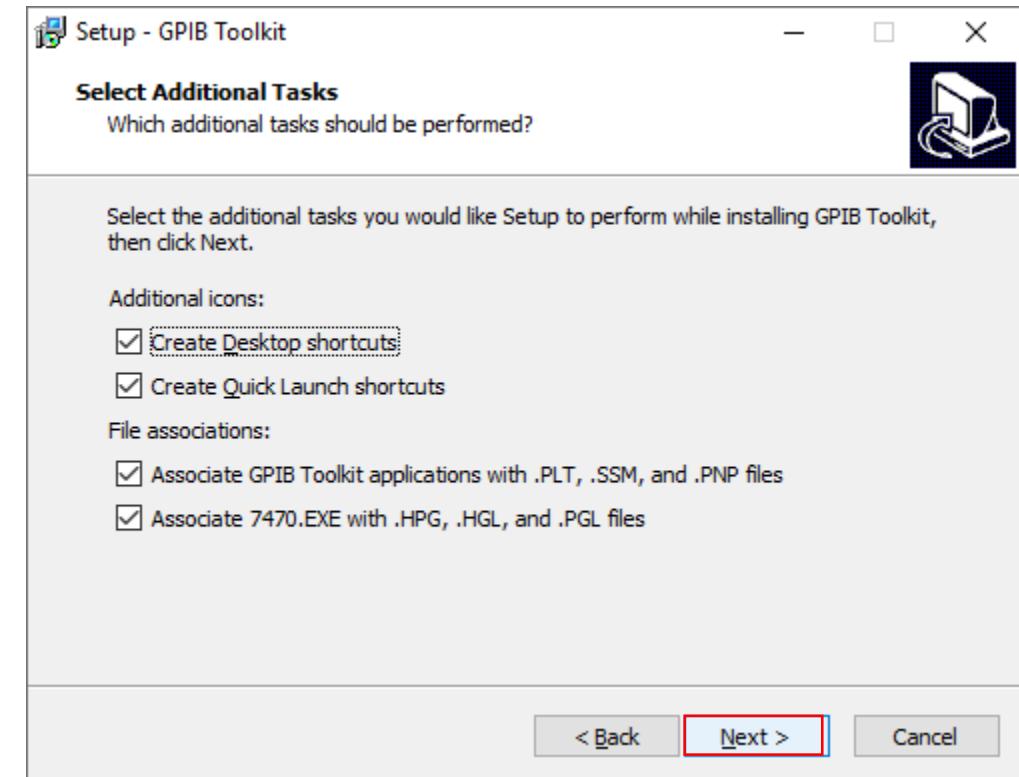
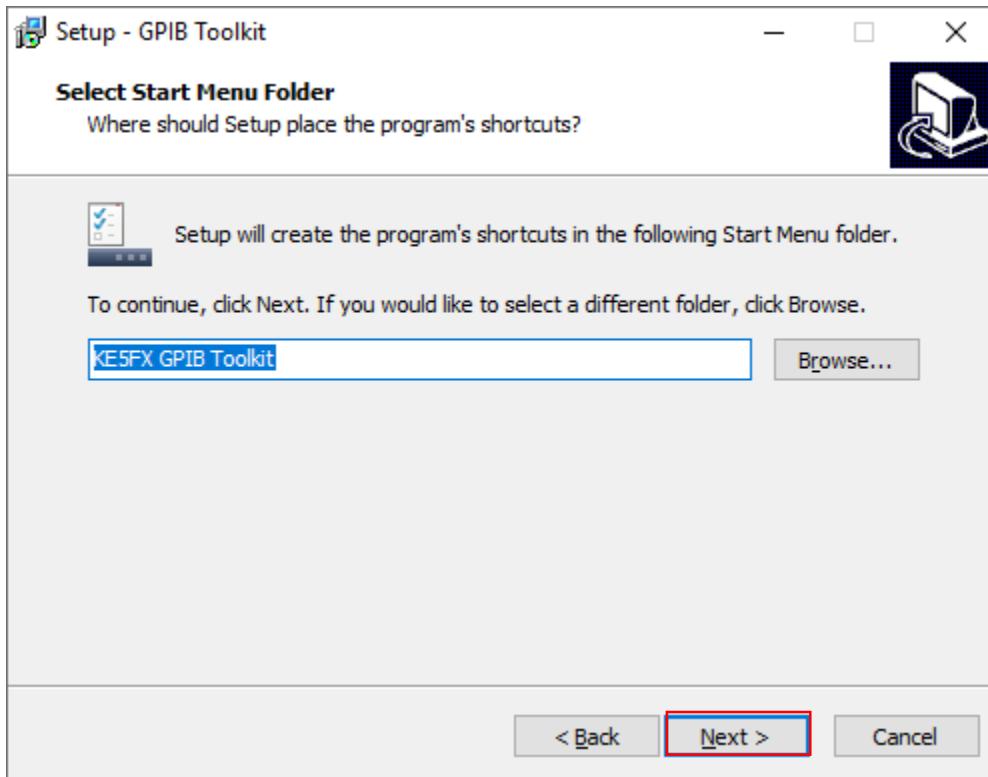
Find the setup file in the Downloads directory



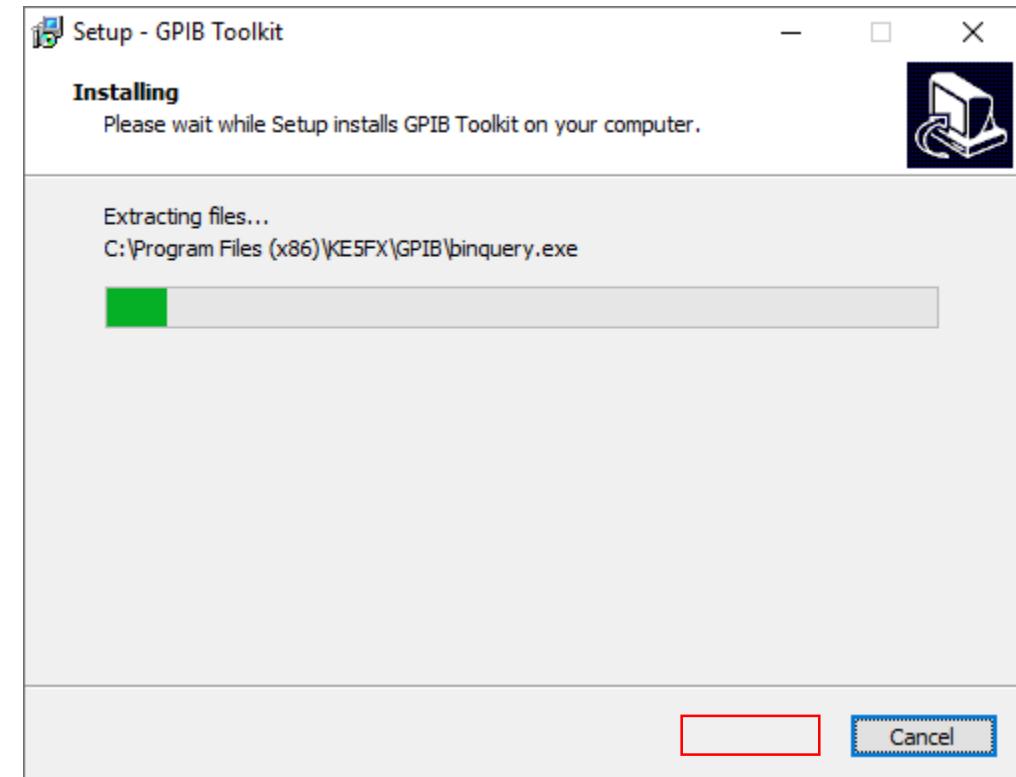
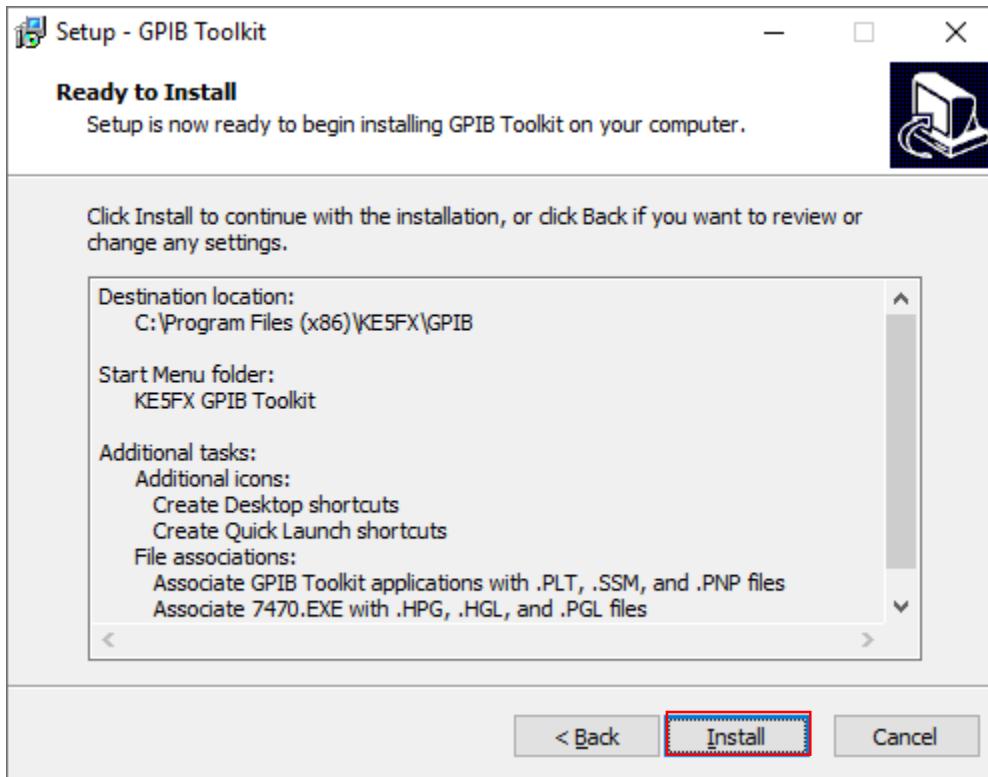
Run the setup file (page 1)



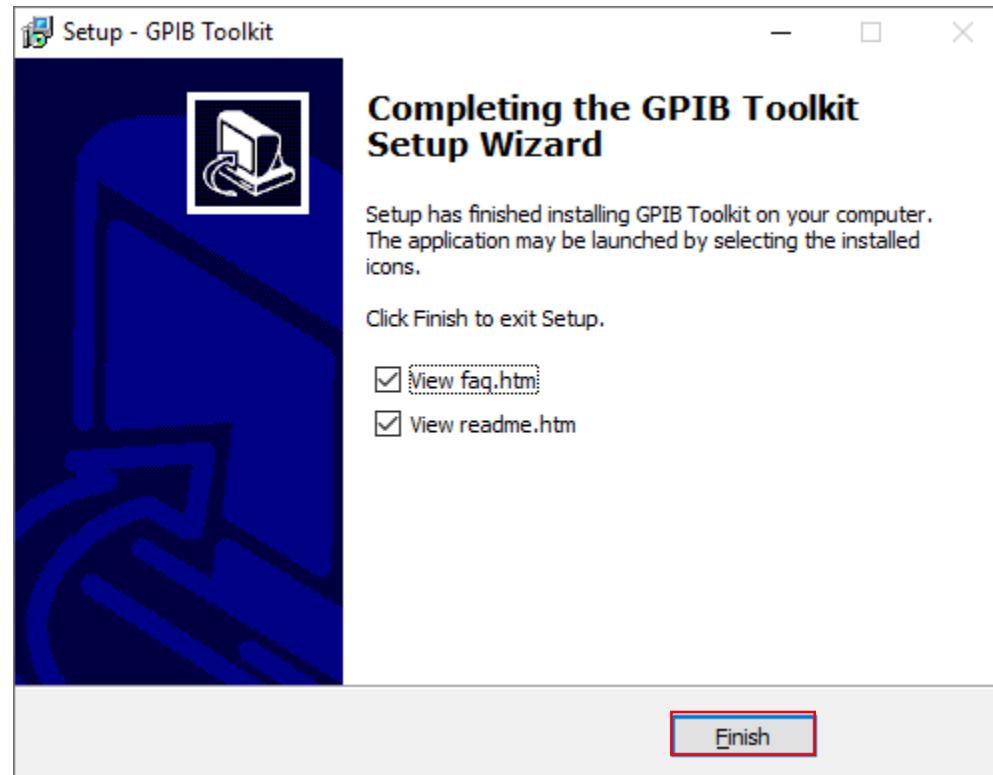
Run the setup file (page 2)



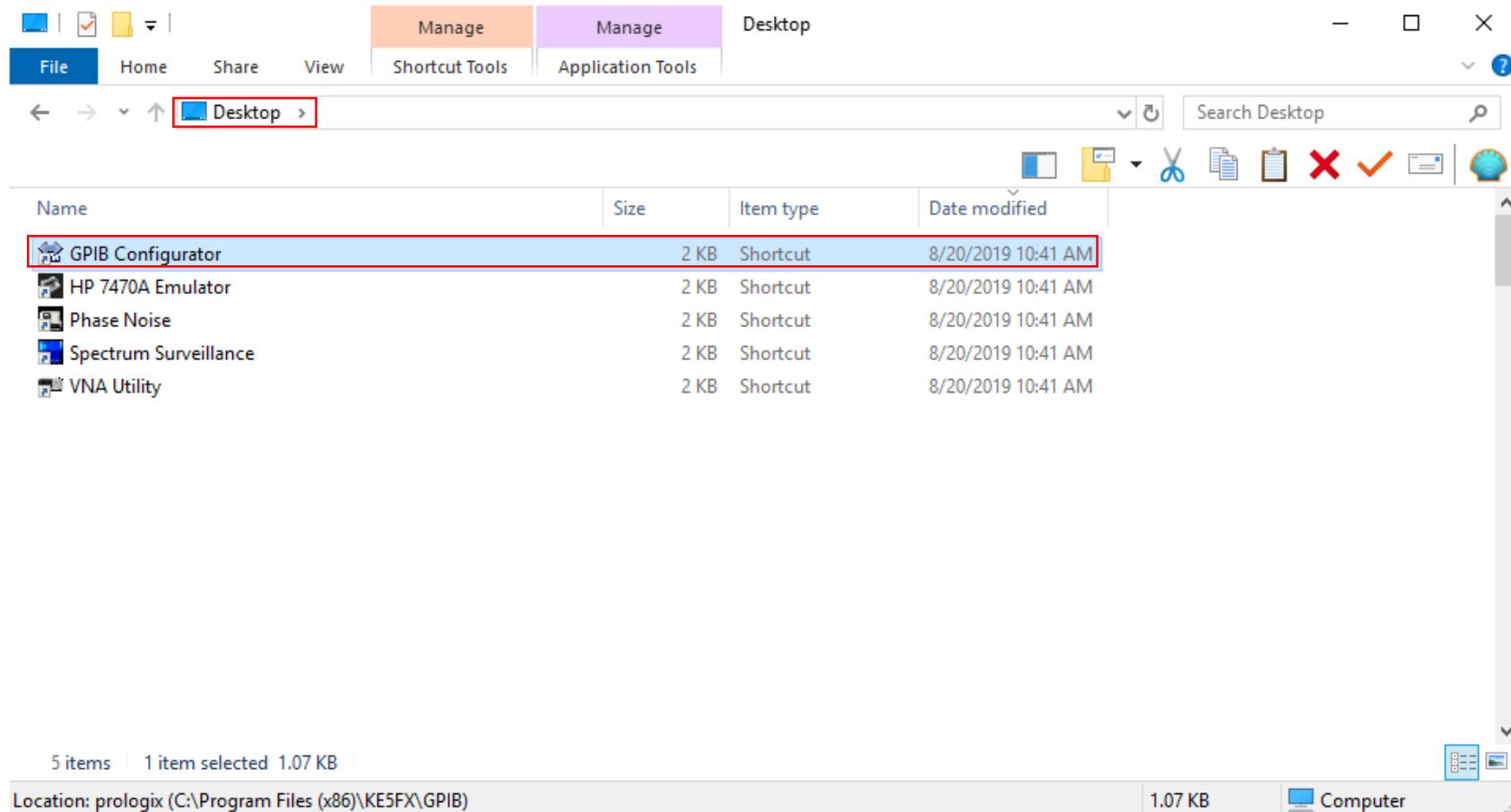
Run the setup file (page 3)



Run the setup file (page 4)

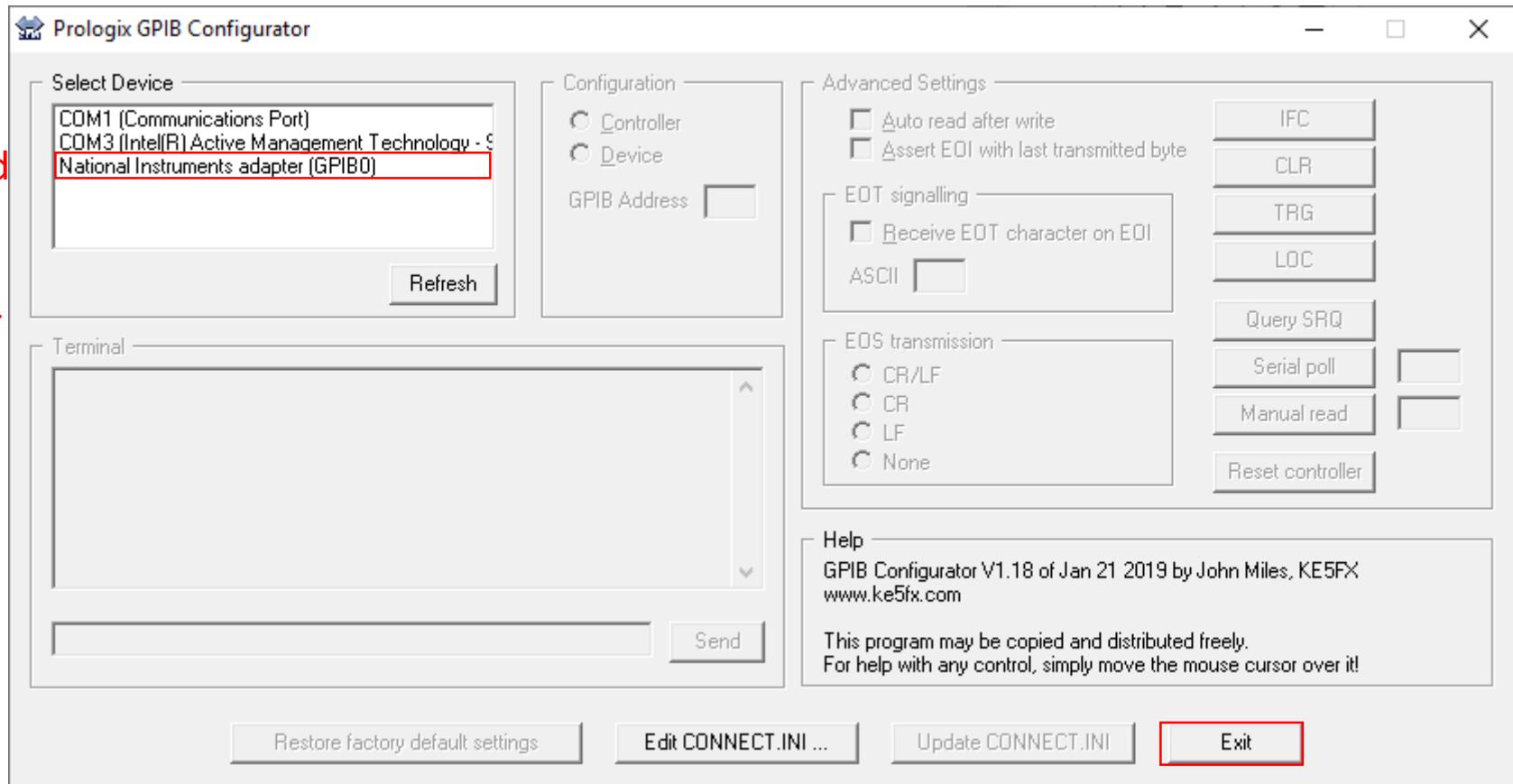


Run the GPIB Configurator



Check that a National Instruments GPIB interface appears

Check for NI GPIB Card
(only means for VNA
Utility to talk to
Keysight adapter is for
Keysight to emulate
NI)



Install the Excel Template to
automate the phase
measurements

Find the auto test files in the Doc Control Released Directory. Refer to auto test procedure ATP-03550 rev F for operation instructions.

