



# E5081A ENA-X Series Vector Network Analyzer Start Up Guide

**CAUTION**

Please use ESD Precautions when handling and operating

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When unpacking the analyzer, if the exterior of the analyzer appears to be damaged during transport, do not turn on the power switch. Otherwise, you may get an electric shock.

## Ventilation Requirements

Below is the ventilation space at the installation.

Requirements	
Back	≥ 180 mm
Sides	≥ 60 mm (both right and left)

## Connecting the BNC Adaptor (Option 1E5)

When the E5081A is equipped with Option 1E5 (high-stability frequency standard), connect the BNC adapter between the 10 MHz REF OVEN and the 10 MHz REF IN connectors on the rear panel. The BNC adapter is included in Option 1E5. When Option 1E5 is installed, the frequency accuracy and stability of the E5081A will further improve.

## Starting the E5081A

1. The standby switch can turn ON/OFF the E5081A. The color on the button shows the status, as indicated below:

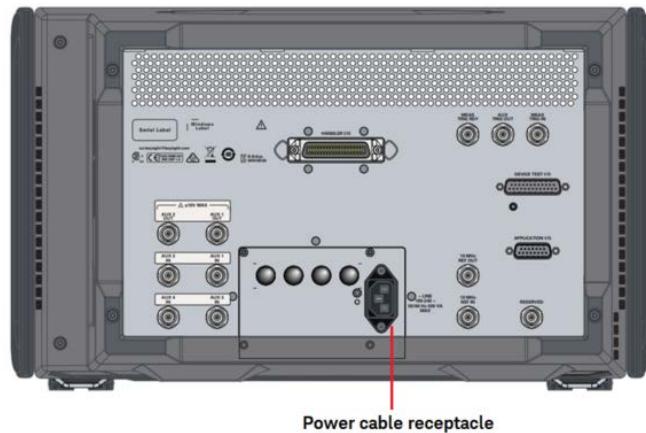
Indicator Color	Description
Green	Normal power on status
Orange	Standby status
Orange + Green	Illegal power on status

2. Press the standby switch once, it changes to green color and turns ON the power. E5081A will starts the self-test.
3. Normal operation is confirmed by the self-test if no error message appears.

4. To turn OFF the power, first, press the standby switch or send a shutdown command from the external controller to activate the shutdown process. This puts the E5081A into the standby state and the button changes to orange color.

**CAUTION**

Under normal use, never directly interrupt the power supply to the power cable receptacle on the rear panel when the power supply is turned ON.



## Initial Registration of E5081A

1. When you start up the E5081A for the first time, you need to perform the initial registration of the Windows operating system of the E5081A.
2. When the Windows agreement message box appears, click Agree. The rest of the procedure runs automatically.

### Additional information:

Topic	URL
Product information	<a href="https://www.keysight.com/products/E5081A">https://www.keysight.com/products/E5081A</a>
Manuals (Help)	<a href="https://www.keysight.com/manuals/E5081A">https://www.keysight.com/manuals/E5081A</a>
Troubleshooting/System recovery	<a href="https://rfmw.em.keysight.com/wireless/helpfiles/e5081a/Support/Tshoot.htm">https://rfmw.em.keysight.com/wireless/helpfiles/e5081a/Support/Tshoot.htm</a>
Technical support	<a href="https://www.keysight.com/support/E5081A">https://www.keysight.com/support/E5081A</a>
Contacting Keysight	<a href="https://www.keysight.com/find/assist">https://www.keysight.com/find/assist</a>

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