

# How to Install Anritsu PowerXpert™ in Signal Analyzer MS2830A

Signal Analyzer MS2830A

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# 1 What is Anritsu PowerXpert™?

Anritsu PowerXpert™ is PC application software required when connecting the Anritsu USB Power Sensor to a PC. It can also be installed in the Signal Analyzer MS2830A.

Anritsu PowerXpert™ for the MS2830A can be downloaded from the MS2830A website. When using it with a PC, download the latest version from the Anritsu website for the USB Power Sensor.

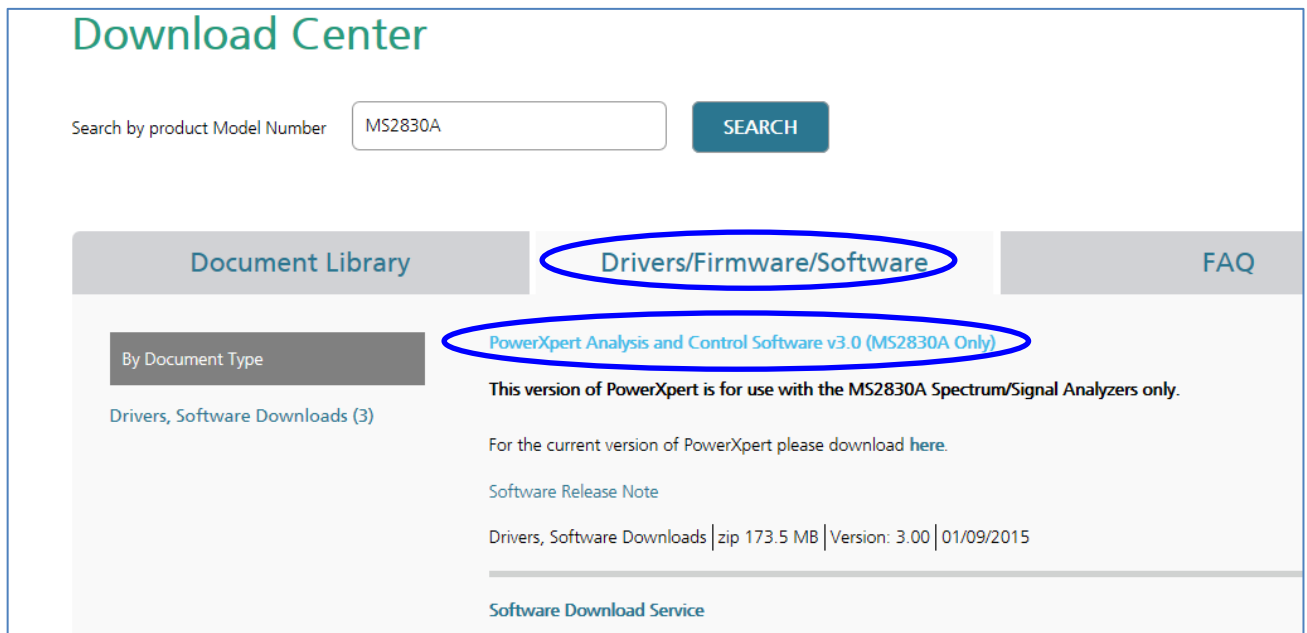
In addition, the MS2830A has a built-in Power Meter function as a standard feature. It can be used to measure power and relative power by connecting a specified USB power sensor. Installing the Anritsu PowerXpert™ PC application software for the Anritsu USB Power Sensor in the MS2830A supports various measurement functions offered by Anritsu PowerXpert™, as well as use of other USB power sensors by the MS2830A. However, Anritsu PowerXpert™ does not support remote control, and a mouse is required for operation.

## ■ Obtaining Anritsu PowerXpert™ for MS2830A

Download from MS2830A website

(The website design and content may be slightly different from that shown below.)

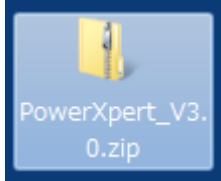
Method: Click [DOWNLOADS] at top left of MS2830A website and click link in [Drivers/Firmware/Software] tab.



## 2 How to Install in MS2830A

1. Download Anritsu PowerXpert™ to the PC from the Anritsu MS2830A website.

<Downloaded .zip file>



2. Double-click the downloaded .zip file at the PC to expand the file. Next, copy the file [PowerXpert\_\*.\*)\_Full.exe] in the displayed expanded folder to the MS2830A desktop. (\*.\* indicates the file version number.)

<Example of expanded folder>

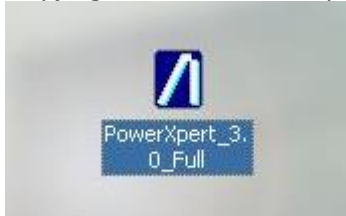
Name	Size	Type	Date Modified
PowerXpert Software Release Note V3.0	42 KB	Wordpad Document	7/17/2015 10:33 AM
PowerXpert_3.0_Full	114,875 KB	Ap Copy PowerXpert_*.*)_Full.exe	M
PowerXpert_3.0_Minimal	66,464 KB	Application	7/17/2015 10:35 AM

\*Refer to item 4 for the method of displaying the MS2830A desktop.

\*PowerXpert\_\*.\*)\_Minimal.exe is for PCs connected to the internet and cannot be used by the MS2830A.

\*Version 3.0 cannot be used with the Japanese version of Windows (some buttons are not displayed due to a bug). The MS2830A runs the English version of Windows so it is unaffected by this bug. When using on a PC, download the latest version from the Anritsu USB Power Sensor website.

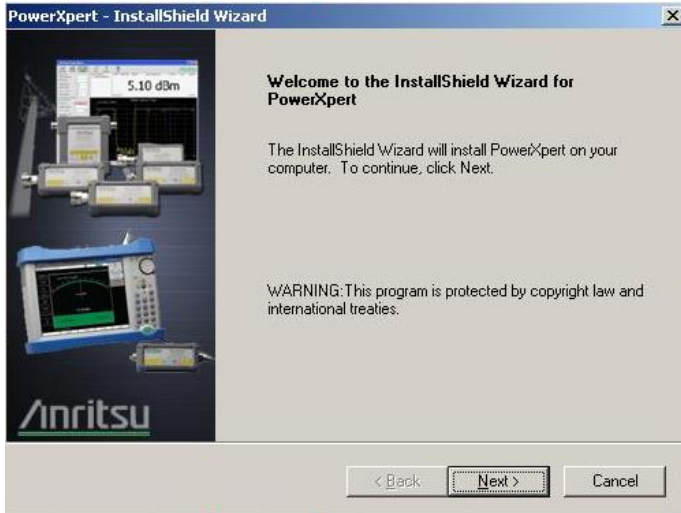
<Copying to MS2830A desktop>



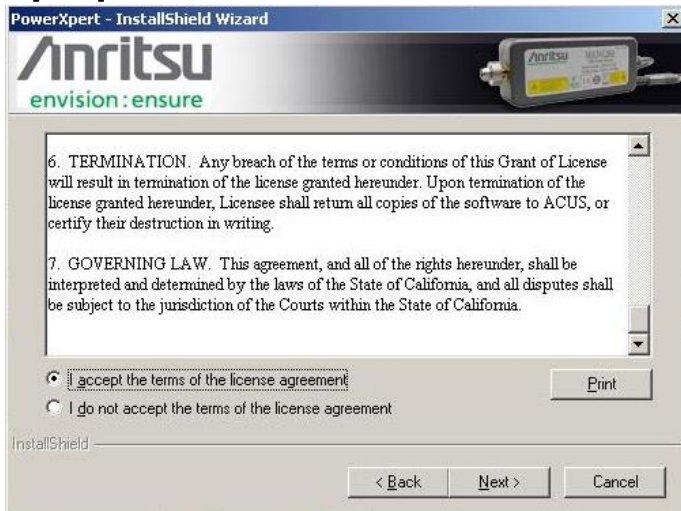
\*It is best to use a USB memory stick when copying files to the MS2830A. Refer to section 4 if not using a USB memory stick.

3. Double-click PowerXpert\_\*.\*)\_FULL.exe copied to the MS2830A desktop. (\*.\* indicates the version number.)

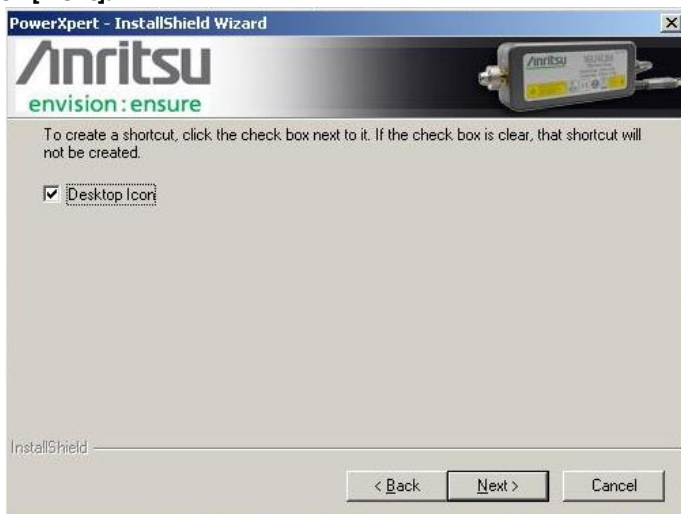
4. When the install wizard is displayed, click [Next] to start the install.



5. Read the EULA, click the radio button to the left of [I accept the terms of the license agreement]. and click [Next].



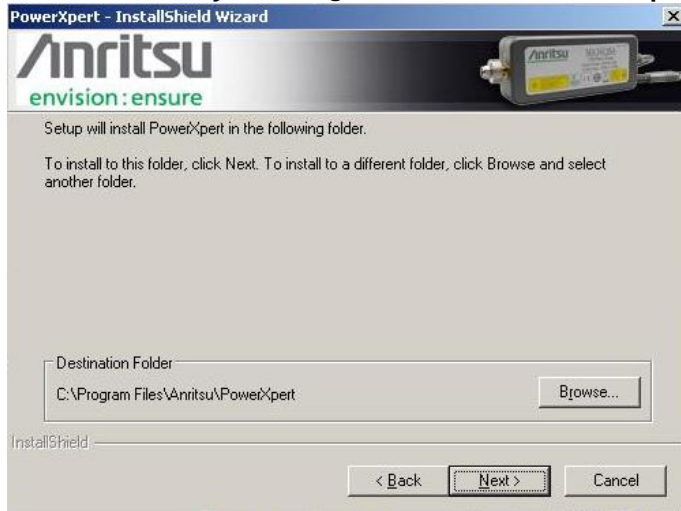
6. To create a shortcut on the desktop, put a checkmark in the checkbox to the left of [Desktop Icon] and click [Next].



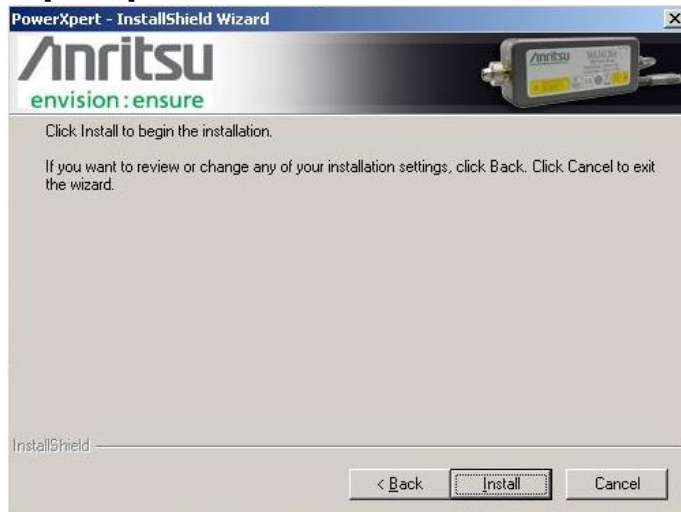
<Shortcut icon>



7. When specifying the installation folder, click [Browse], specify the directory, and click [Next]. The default installation directory is C:\Program Files\Anritsu\PowerXpert



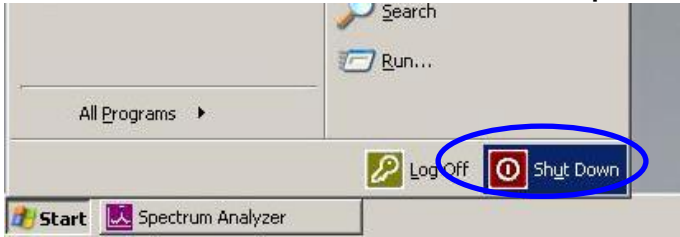
8. Click [Install].



9. When installation is finished, click [Finish].



10. Click the [Shut Down] button at the Start menu to power-down the MS2830A.

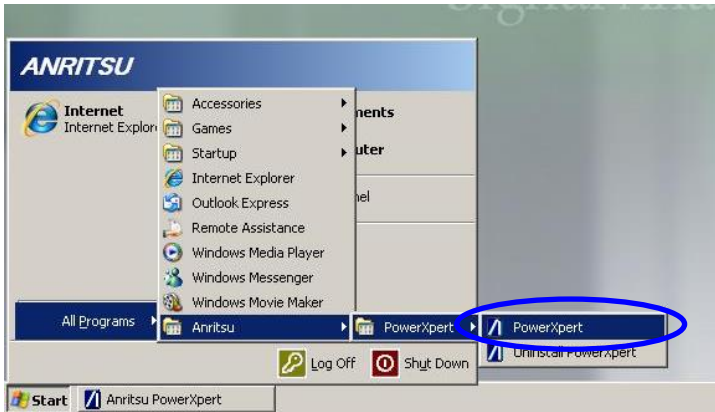


11. To use Anritsu PowerXpert™ after starting the MS2830A, either click the desktop shortcut icon created in step 6 or click the Start menu at the bottom right of the screen and select [All Programs] → [Anritsu] → [PowerXpert] (or select the directory specified in step 7).

<Desktop Shortcut Icon>



<Selection from Start menu>

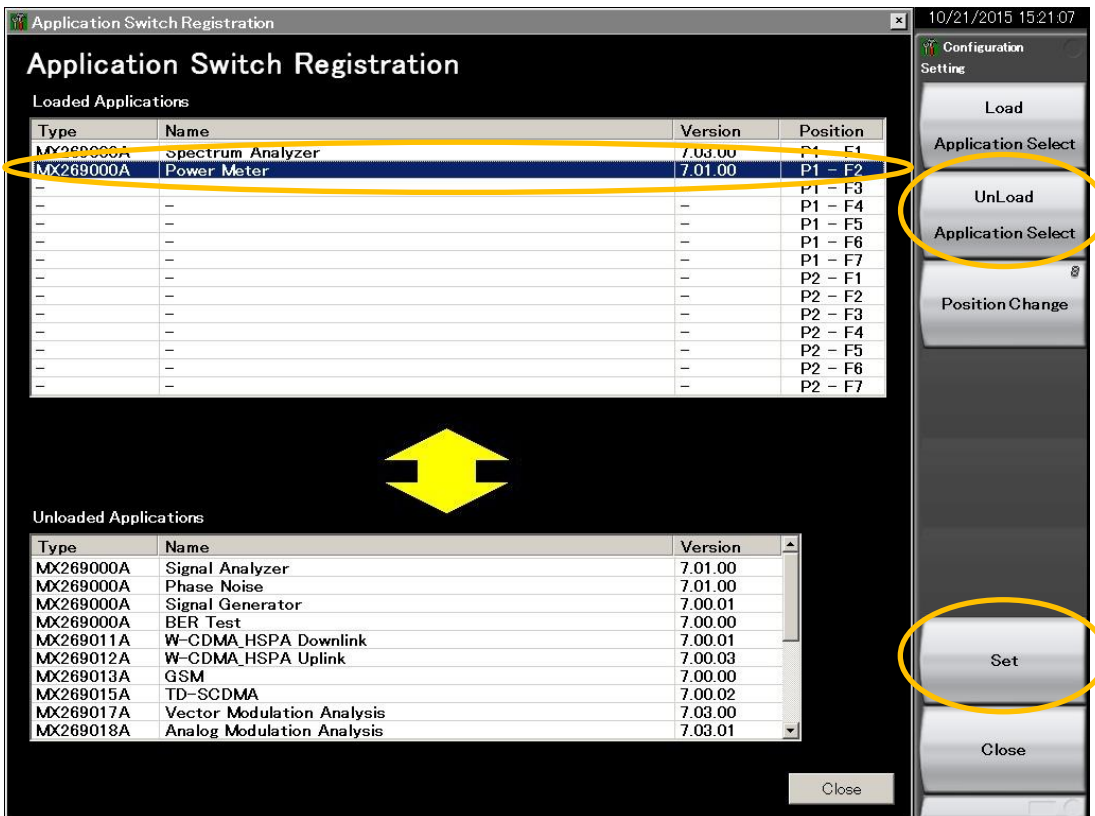


### 3 Usage Precautions

When using Anritsu PowerXpert™ on the MS2830A, be sure to unload (quit) the MS2830A Power Meter function first. If this is not done, the operation of Anritsu PowerXpert™ will be unstable at connection of the USB power sensor. Additionally, unload (quit) as many applications as possible other than the Power Meter function.

#### ■Unloading (Quitting) Power Meter Function

1. After pressing the MS2830A [System Config] button, press [F4] (Application Switch Settings) to display the Application Switch Registration screen.
2. Press [F2] (Unload Application Select) and use the cursor keys to select the application to unload (quit) (Power Meter in this case) from the Loaded Applications displayed at the top of the screen; press [F7] (Set).

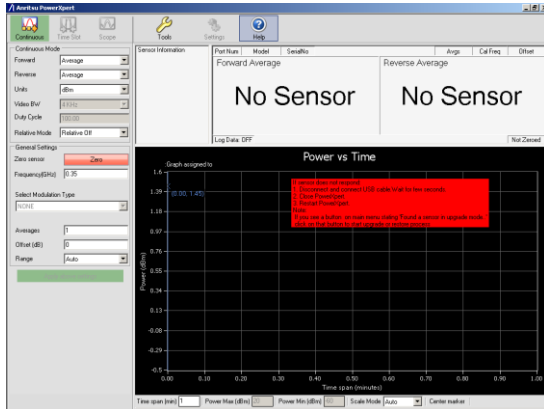


To use the Power Meter function once again, press [F1] (Load Application Select) at the same screen and use the cursor key to select the application to load (start) (Power Meter in this case) from the applications displayed in Unloaded Applications at the bottom of the screen; press [F7] (Set).

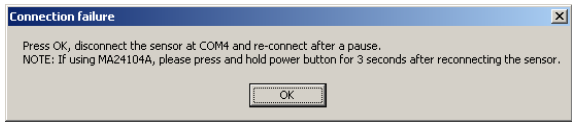
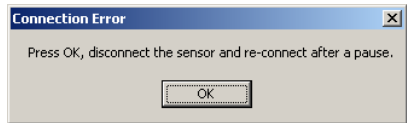
■ Recovering lost USB power sensor connection

Occasionally, the connection between the MS2830A (PowerXpert) and USB power sensor might be lost due to response timing issues. If the connection is lost, disconnect the USB power sensor, wait 5 or 10 seconds, and reconnect the sensor again

[Lost Sensor Connection Message]



If sensor does not respond:  
 1. Disconnect and connect USB cable. Wait for few seconds.  
 2. Close PowerXpert.  
 3. Restart PowerXpert.  
 Note:  
 If you see a button on main menu stating 'Found a sensor in upgrade mode.', click on that button to start upgrade or restore process.



Press the [OK] button.

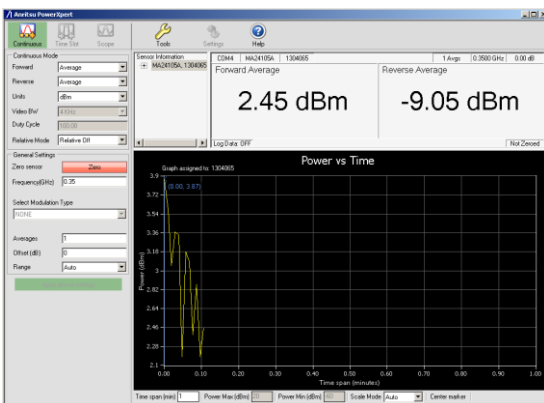


Disconnect the USB power sensor from the MS2830A.

Wait 5 to 10 seconds.



Reconnect the USB power sensor to the MS2830A again.



The connection has been successful when the measurement results are displayed.

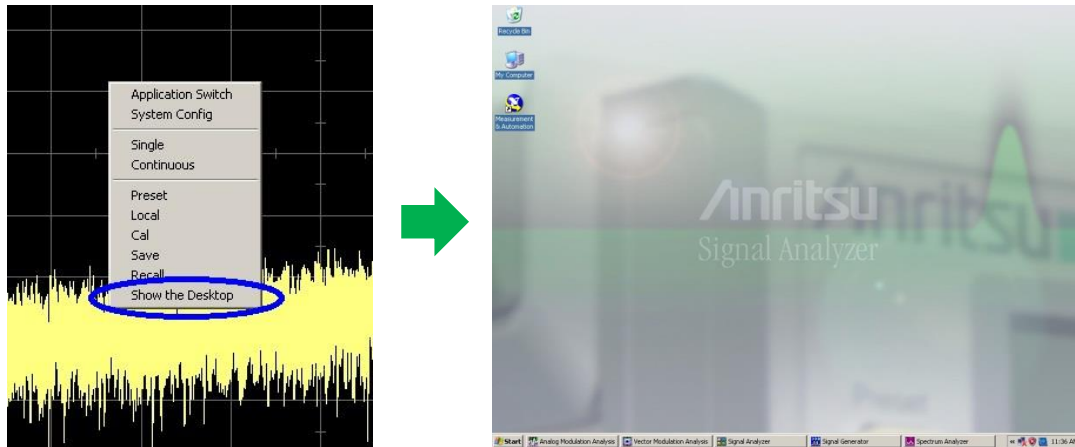
If the connection is not recovered, restart PowerXpert and reconnect the USB power sensor.



## 4 Reference Materials

### ■MS2830A Desktop Display Method

1. Right-click the mouse anywhere on the MS2830A screen.
2. Left-click [Show the Desktop] in the displayed menu to display the desktop.



### ■Copying file to desktop without using USB memory stick

Use a USB CD or DVD drive connected to the MS2830A USB port to copy the file saved to a CD-R or DVD-R disk to the MS2830A desktop.

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