



Trouble-Shooting SpectroRadiometer Test Report Software

StellarNet Inc., Tampa FL, USA

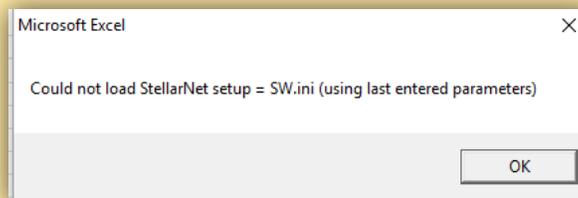
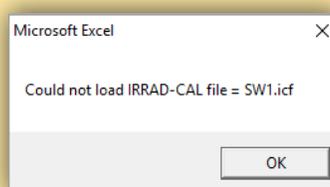
June 6, 2016

Before you Start

- Review the [Using SpectraWiz® VBA-NIST-CRI/CQS for MS Excel Tutorial](#)
- Take your Radiometric Light Measurements using our primary Software, SpectraWiz, to familiarize yourself with the instrumentation, learn how to obtain correct results, and automatically set internal configurations setting files such as the sw.ini and sw.icf files.

1. Verify that the CIEcolor.dll and scanSW.dll are located in your C:\Program Files\StellarNet\SpectraWiz directory
2. Check that you have selected your Excel's default file location to your C:\Program Files\StellarNet\SpectraWiz directory. Different versions of Excel have different locations for this setting BUT newer versions use FILE>OPTIONS>SAVE menu.
3. Make sure you run the Excel program as administrator. You may need to locate the Excel's actual executable and right click RUN AS ADMINISTRATOR or to always run as administrator you can right click and select Compatibility> Settings> Run this program as administrator always.
4. Verify that your user account has all Administrative privileges and no paths or folders are blocked or have limited access.

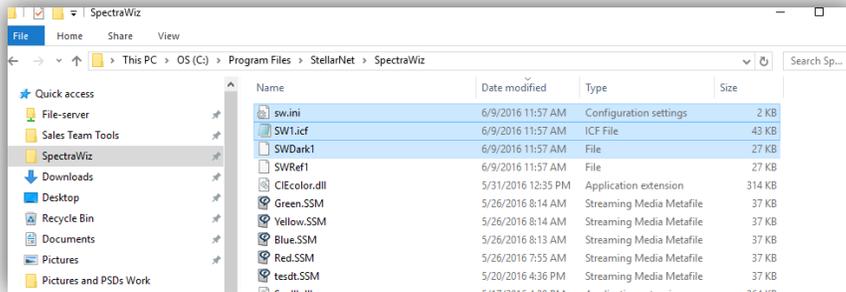
If your Test Report Software loads but does not provide the correct answers or has either of the following messages



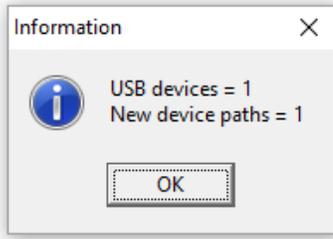


Technical Guide

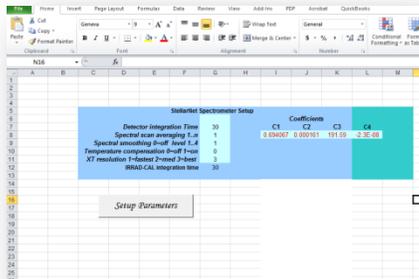
1. Go to your virtual StellarNet directory
C:\Users\YOURNAME\AppData\Local\VirtualStore\Program Files\StellarNet\SpectraWiz
AND your local StellarNet directory C:\Program Files\StellarNet\SpectraWiz directory and delete your sw.ini, SW1.icf, and SWDark1 files. Sometimes Microsoft saves virtual configuration settings and then thinks that they are always correct. By deleting these 6 files you can reset them once (in the step below) to make sure they are correctly being used.



2. Re-open SpectraWiz (right click RUN AS ADMINISTRATOR) and you should see the following message as your sw.ini configurations file is now being reset.



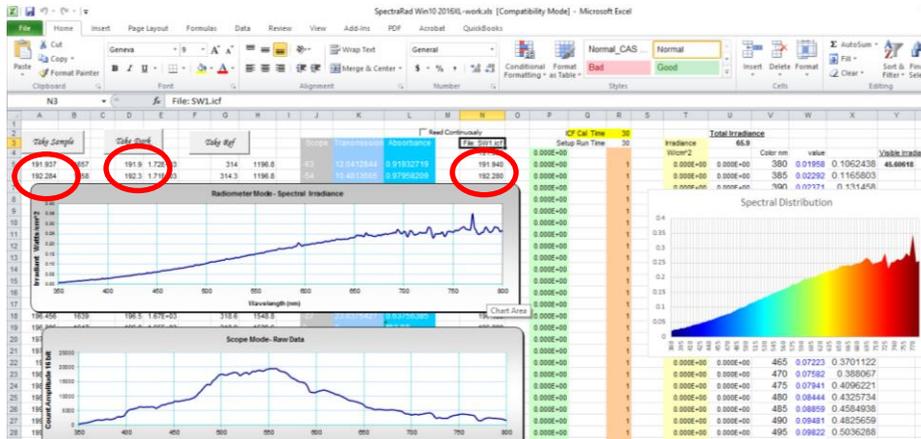
5. Reload your My.CAL file provided to you on your USB key OR recalibrated your spectrometer to generate a new SW1.icf file in your local StellarNet directory C:\Program Files\StellarNet\SpectraWiz directory.
6. Re-run your Test Report Software and you should automatically see your StellarNet tab autofill your correct calibration coefficients. If they do not autofill you can also manually enter them on this tab and then click SETUP PARAMETERS (Be sure to save your Excel Sheet)





Technical Guide

7. Lastly, visit your Data tab and verify that the starting spectrometer pixel values are match



- If the top pixel values do not match each other click the “Take sample” button and you should collect a new spectrometer scan. If your C1, C2, C3 coefficients are entered correctly on the StellarNet tab you should get the correct starting pixel wavelength.
- Next take a dark scan and block light entry to your spectrometer system
- Lastly verify that your SW1.icf starting pixel is correct and that your file has loaded into column N correctly. You can always manually add the contents of your SW1.icf file here also if it has not properly auto loaded.

You should be good to go 😊!

