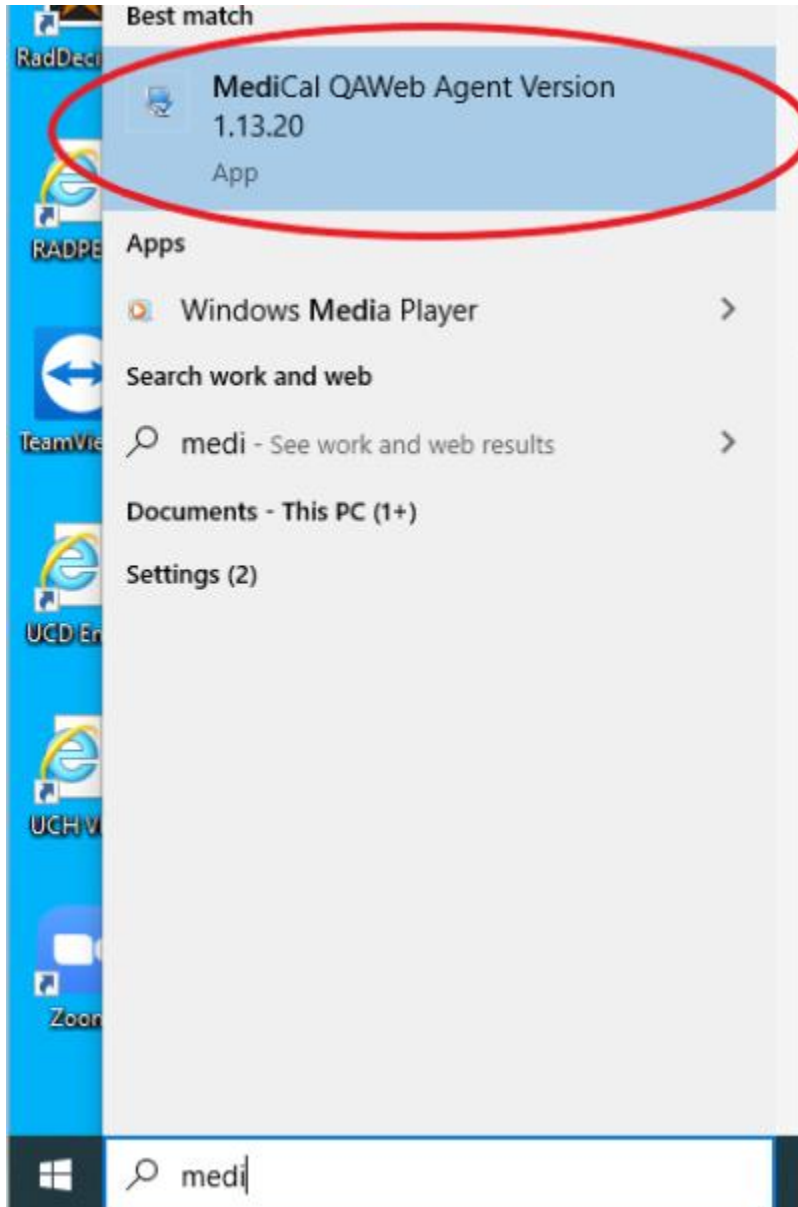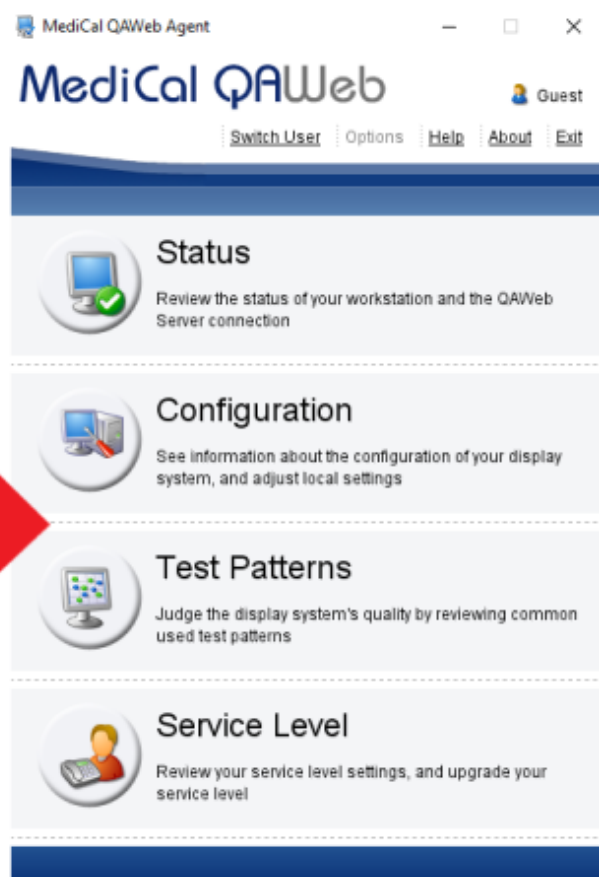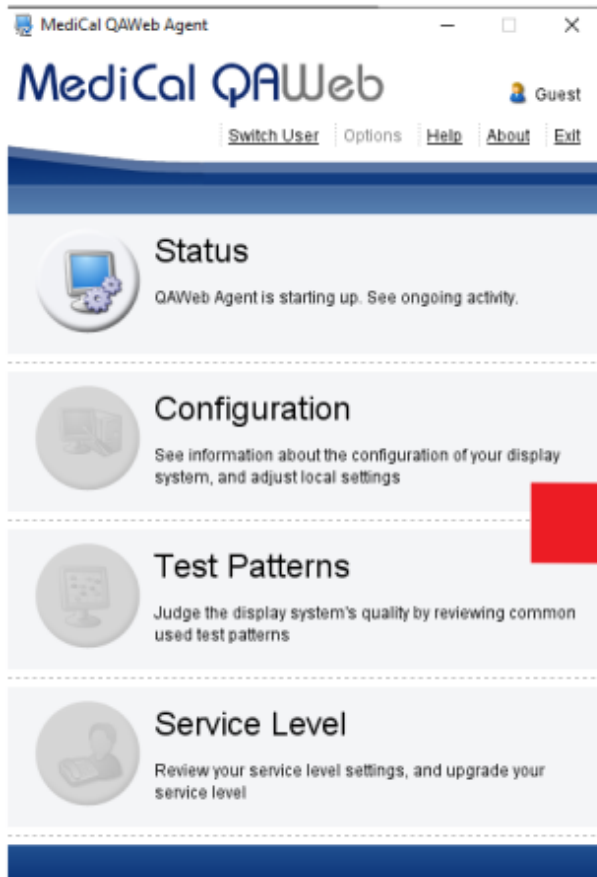# Calibrating your monitors

Please plug in the Barco sensor to an available USB port on your computer

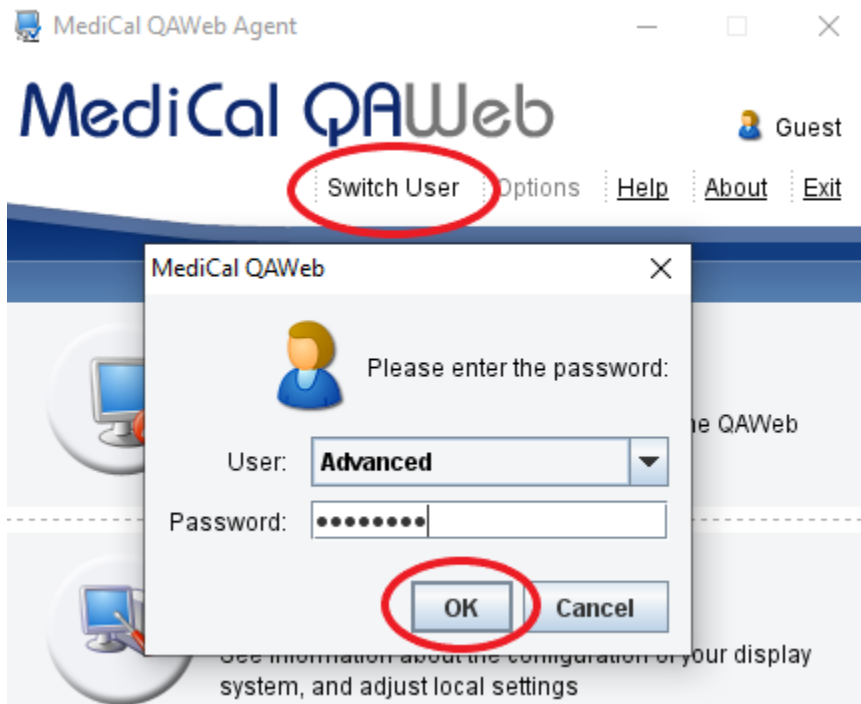Launch the MediCal QAWeb Agent from the Start Menu

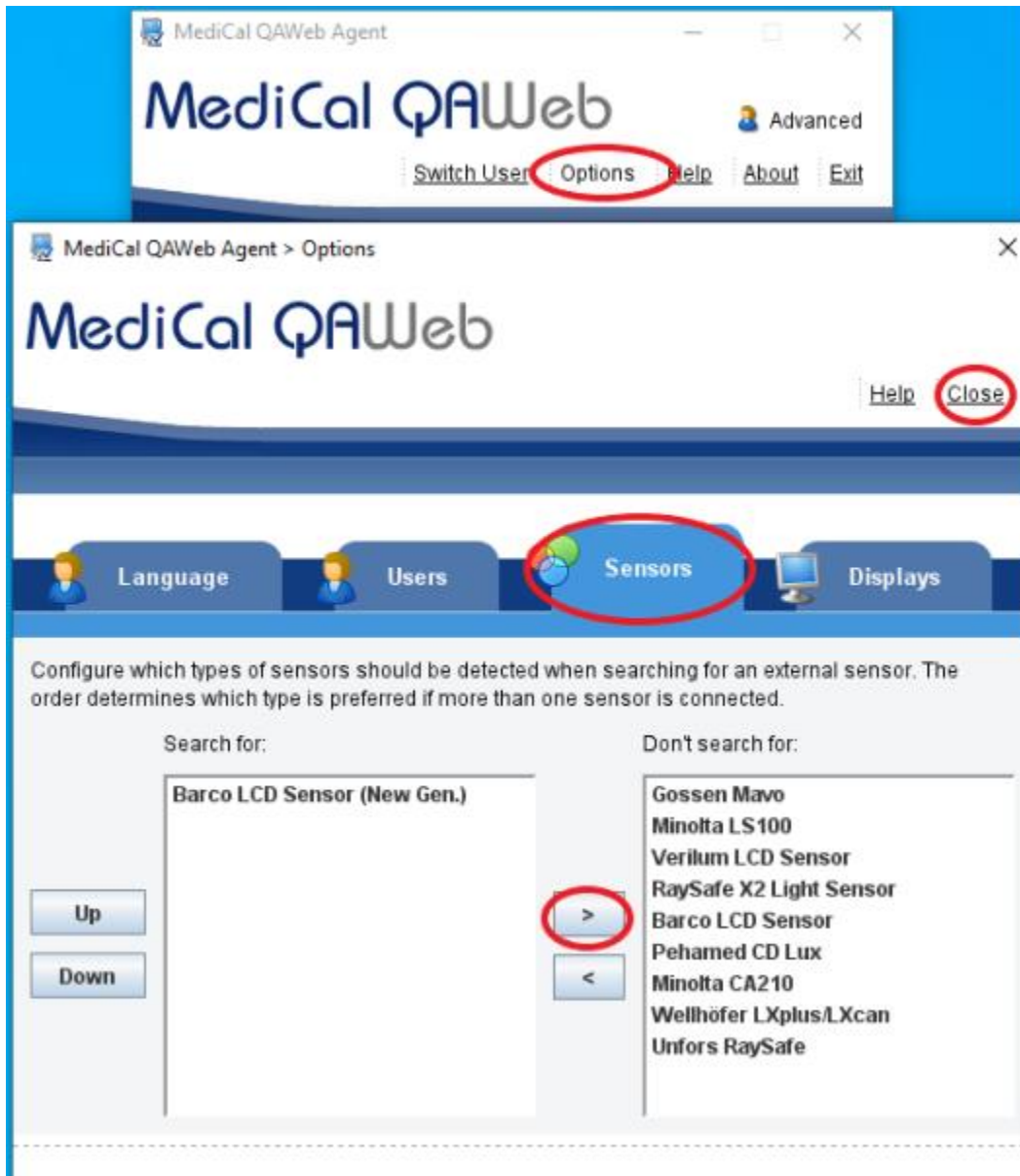Wait for all the options to load, this can take a few minutes.

Select Switch User

Log in as Advanced, the password is: advanced

Select Options, then go to the Sensors tab, and using the ">" button move all of the options to the "Don't search for" category except the Barco LCD Sensor (New Gen.). Close the window when you have it as shown below.
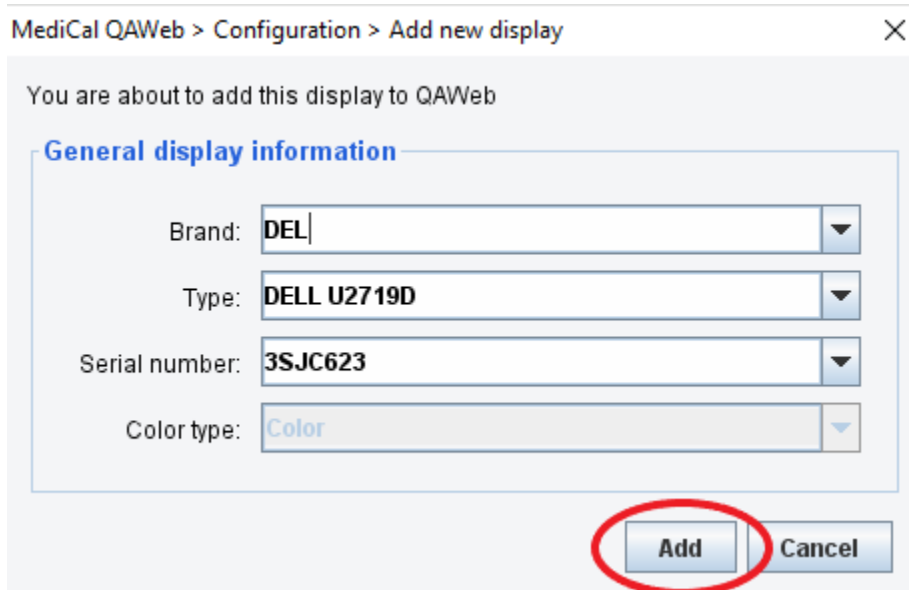

Select the configuration button.

Configuration

See information about the configuration of your display system, and adjust local settings

Identify and add all the displays you will be using to view the radiology images.
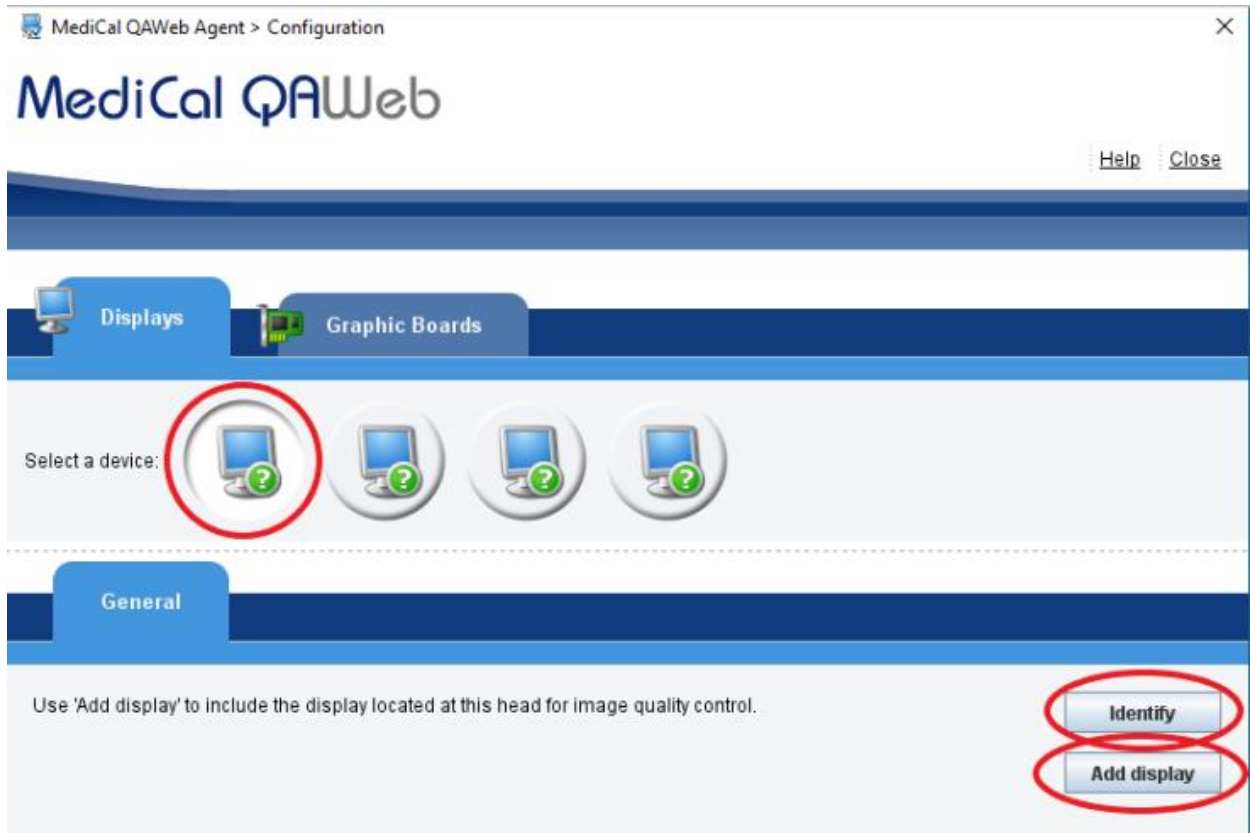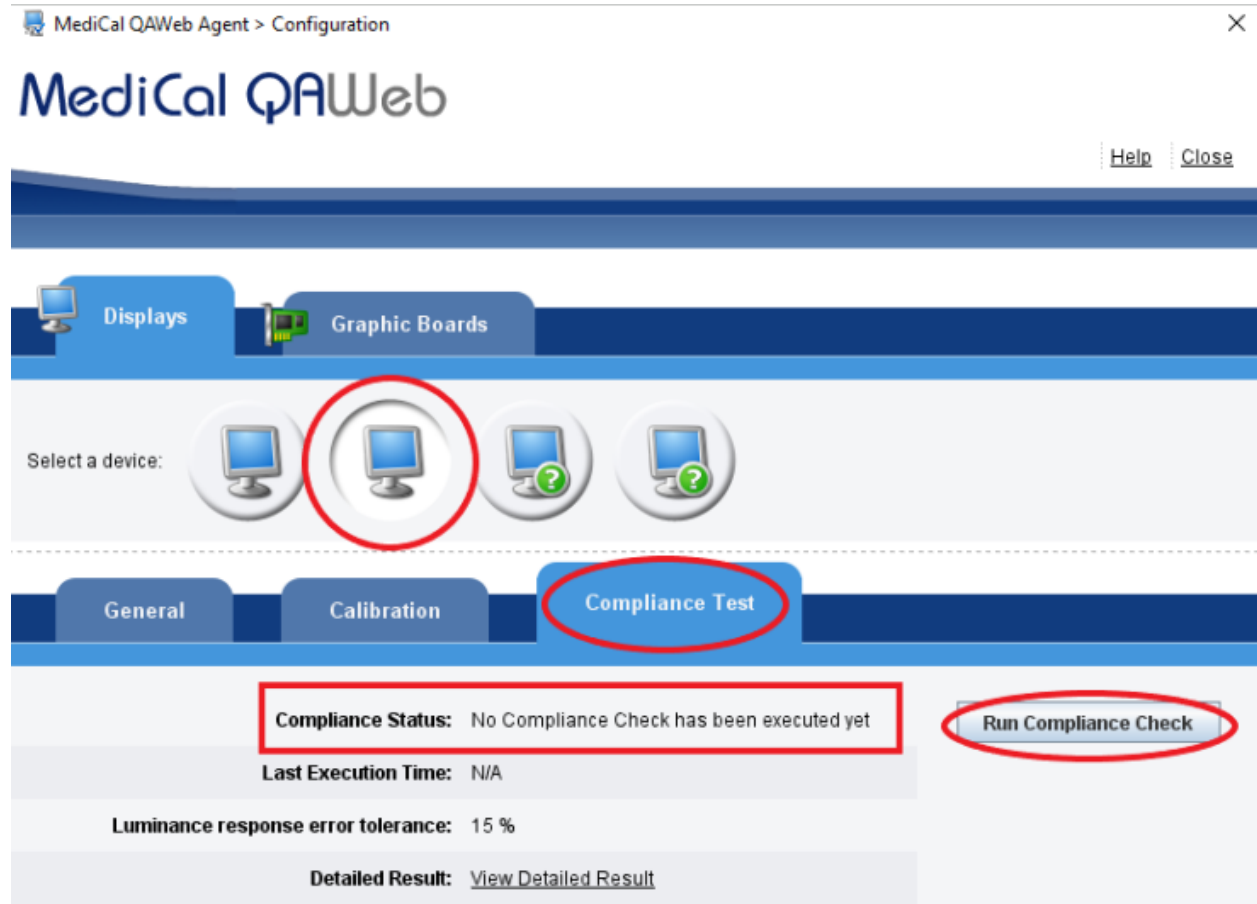

When asked for the general display information, leave the default selections.

Select one of your added monitors and go to the Compliance Test tab and run the compliance check.

Note that the compliance Status of your last check will be listed on this tab.

You will need to have the Barco sensor flipped open and the optical sensor placed on the middle of the colored square displayed on your screen. If you wish to hold it there, please be careful to not apply to much pressure or have it tipped at an angle. I would recommend gently laying your monitor down on your desk so that the monitor is facing up as a flat surface, and just setting the sensor on top of the colored square. Please also ensure the mouse cursor is not underneath the sensor.
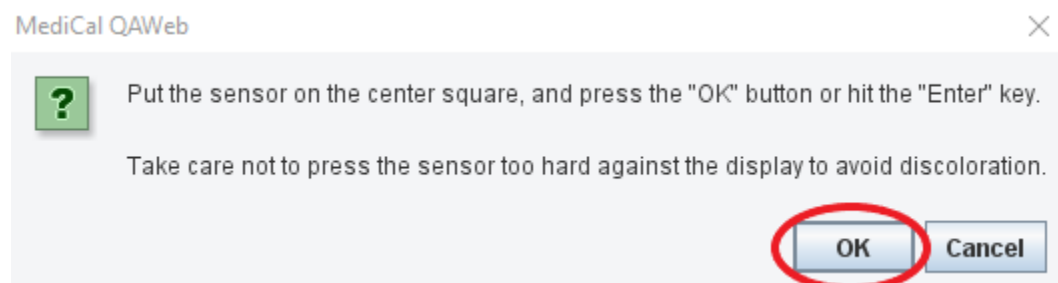
Once the test is done you can view the results by clicking on View Detailed Results.
Anything with a maximum error above 15% will be listed as NOT OK by the software.

Now go to the Calibration tab and select Calibrate. Leave all the settings as default and select Calibrate.
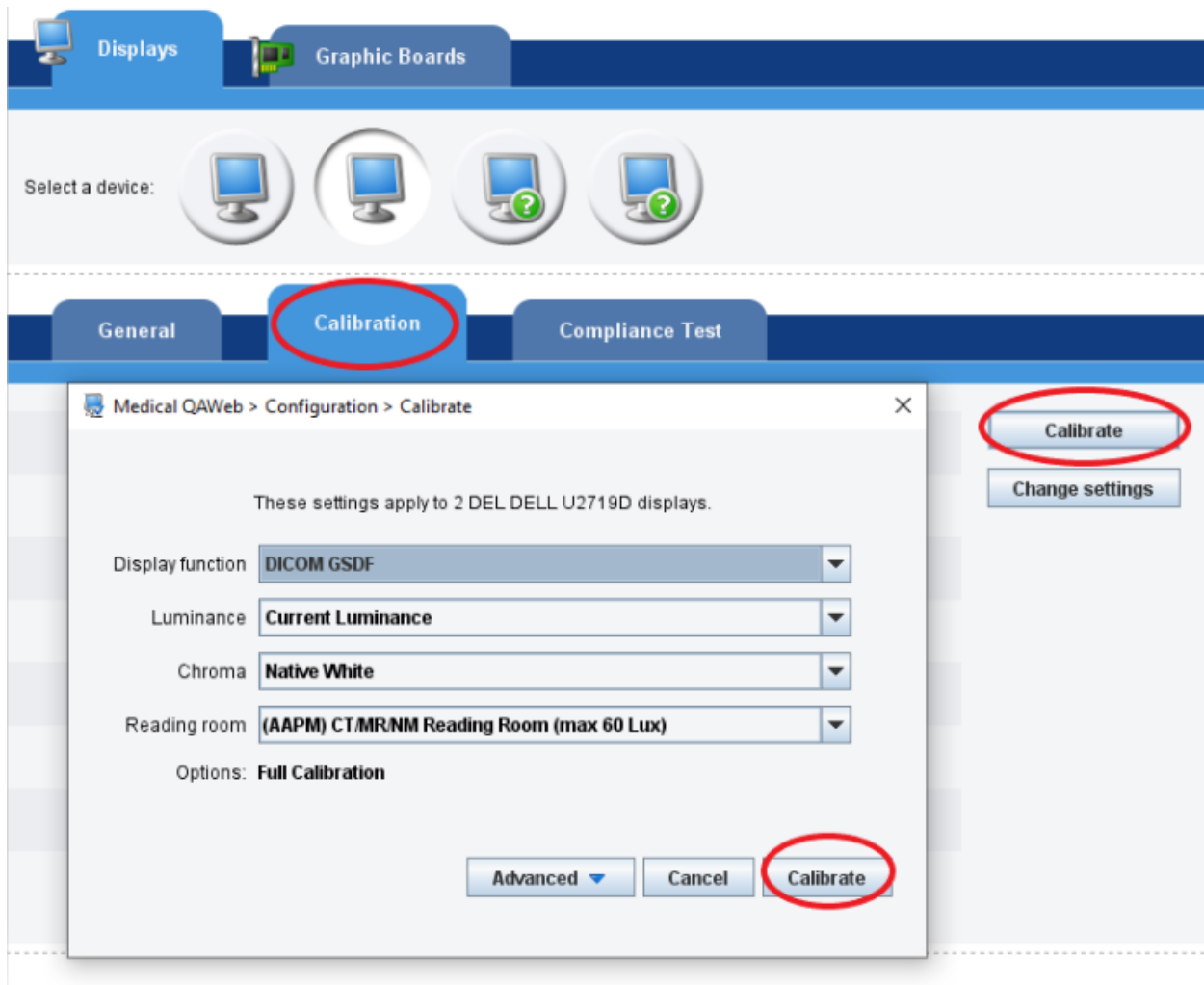
You will be once again asked to place the sensor on the display and click OK when ready to proceed. It will then ask you to move the sensor to the next screen and repeat the process until all the screens you have added are calibrated.

Once the calibration is finished run the Compliance check again the same way as it was done before: Compliance Test tab > Run Compliance Check and the Compliance Status should display as OK with the Maximum Error under 15%.