

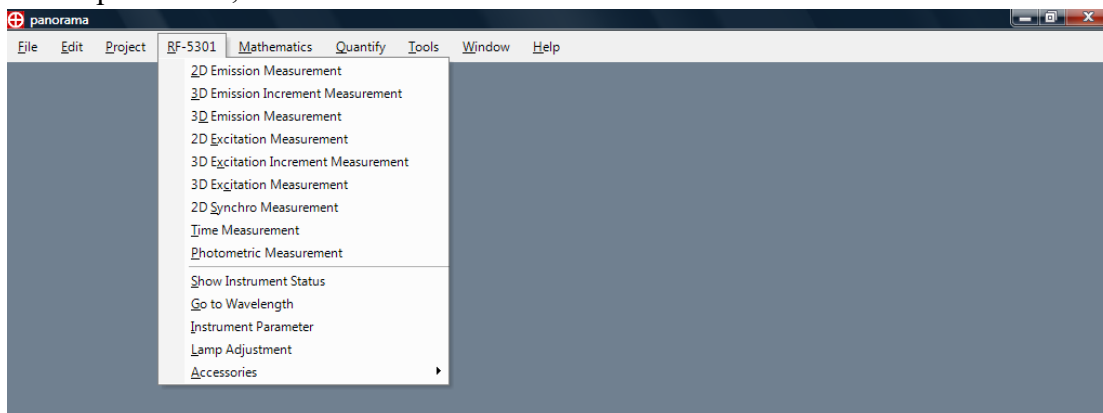
## Operation manual for

### Shimadzu RF-5301PC Spectrofluorophotometer

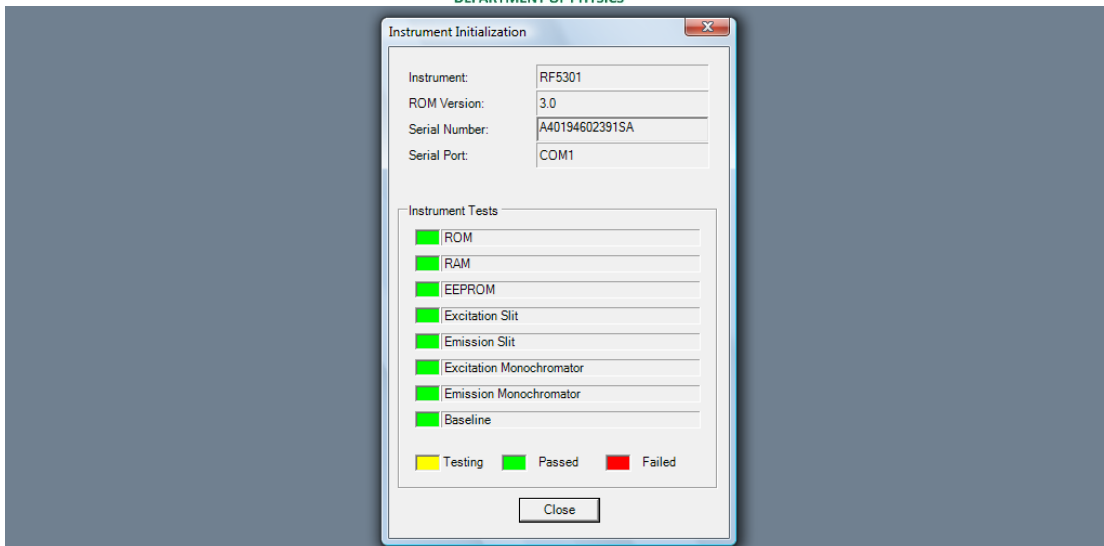
1. Log onto the computer connected to the Shimadzu RF-5301PC.
2. Turn the power on from the button on the side shown below.



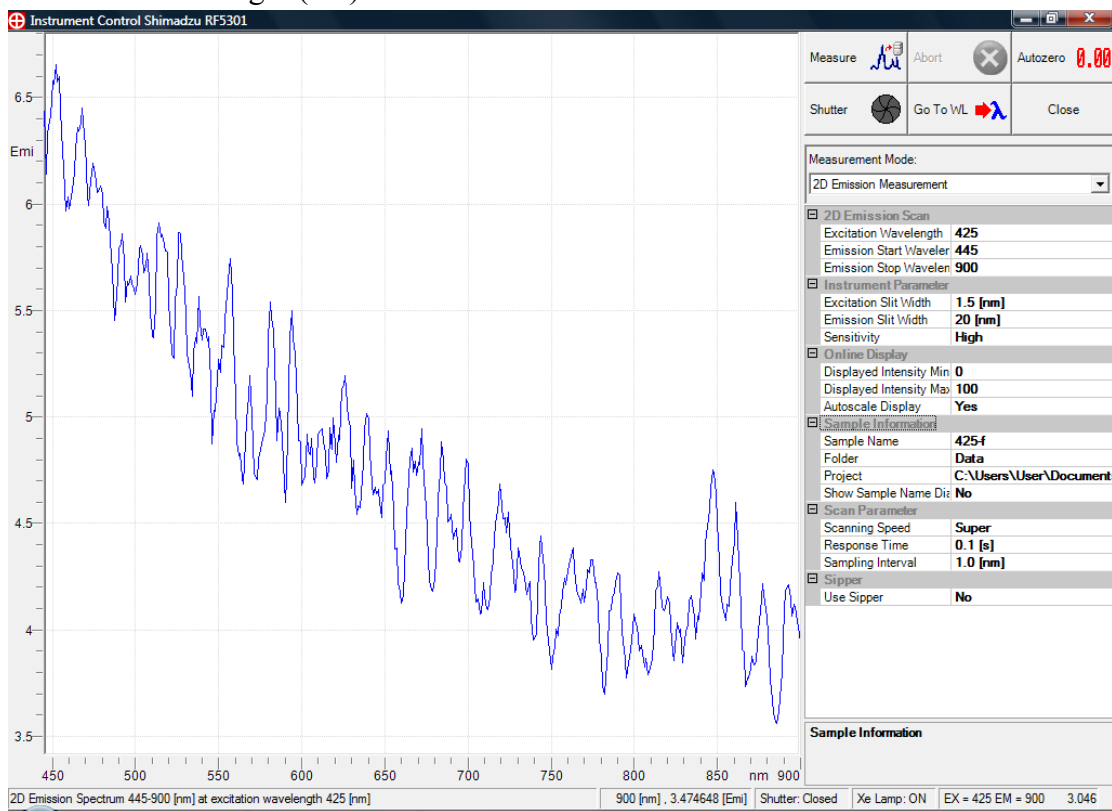
3. Run the software “Panorama” on the desktop. Select “2D Emission measurement” from the dropdown list, shown below.



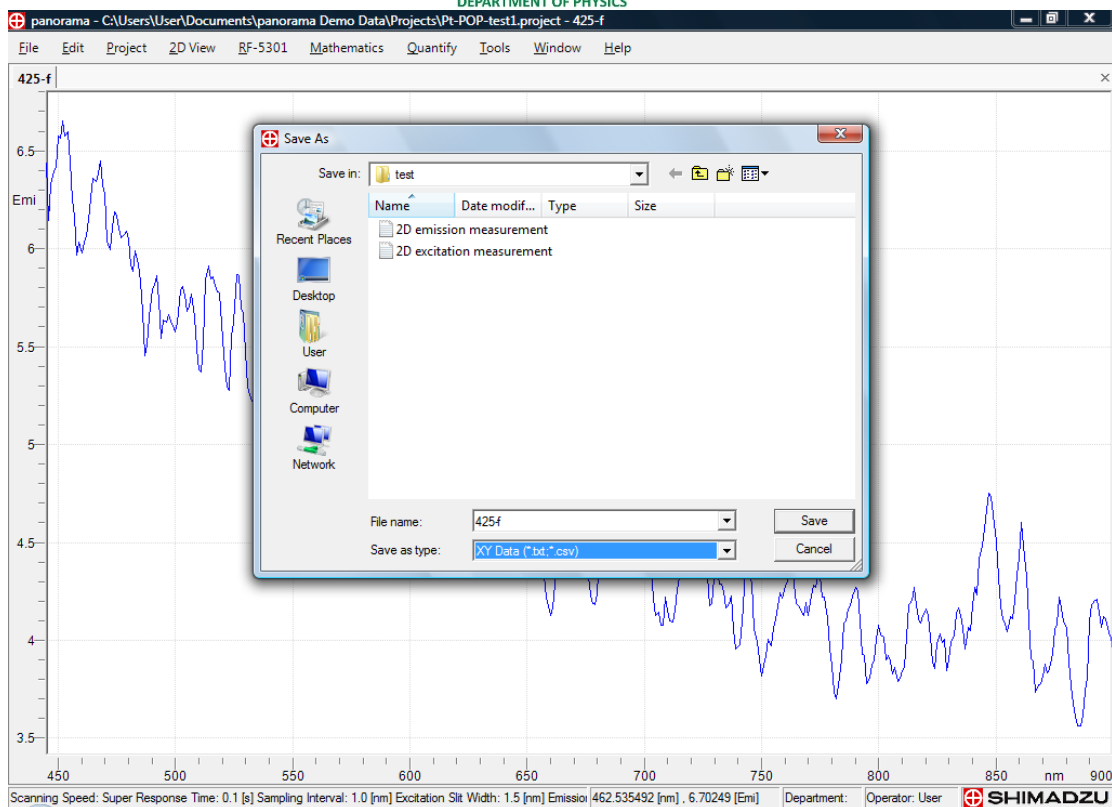
The system will initialize automatically, and wait for all tests to be done and passed.



4. Load the sample and set the appropriate range of emission wavelength (nm). Set the excitation wavelength (nm). Click “Measure” to start measurement.



5. To save the spectrum, first, close the measurement result, and a new window with the previous data will be displayed. Save the data from “File – Save as”.



6. Once done with the spectrofluorophotometer, close the software, turn off the power of the system, and log out of the computer.
7. Fill in your name, date, time in, and time out on the logbook.

### Learning Materials:

[1] [Spectrofluorophotometer manual](#) from manufacture.