

EMI Testing

These instructions detail how to use the data viewer during EMI testing.

1. Update to get the newest EMI window config
 1. Open a terminal
 2. `cd ocigse`
 3. `git pull`
 4. Close terminal
2. On the bottom menu bar, click on `ocidataview` and select the `OCI Data Viewer` window.

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3. At the top of this window is a menu bar. Select `Setup` -> `Restore Windows`
4. Select `emi` and click OK. This will load the 'emi' window configuration and may take up to a minute to reload the cached data.
5. You can switch between the open viewers by clicking on the `ocidataview` in the menu bar and then selecting a viewer from the list.
6. The 4 main viewers you will be using are:
 - **SSM Ch Stats vs. Time - AVG** - Displays AVG counts for the whole scan per SSM channel.
 - **SSM Ch Stats vs. Time - SD** - Displays SD for the whole scan per SSM channel.
 - **Stats Per Pixel vs. Time - AVG** - Displays AVG counts for the whole scan per FPA pixel.
 - **Stats Per Pixel vs. Time - SD** - Displays SD for the whole scan per FPA pixel.

Susceptibilities are more apparent in the SD variants; below is an example of what this may look like:

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