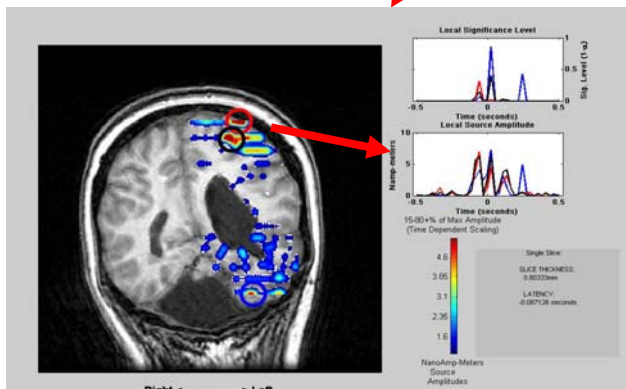
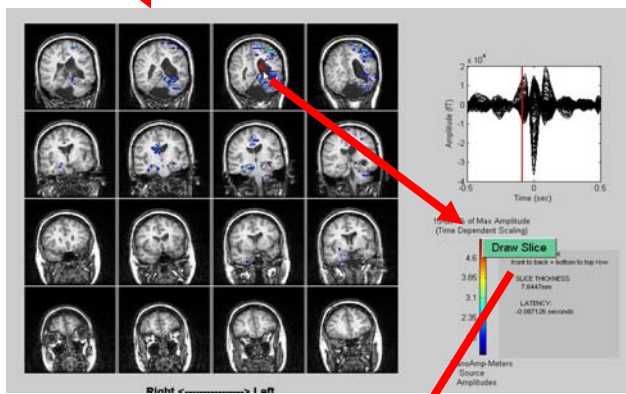
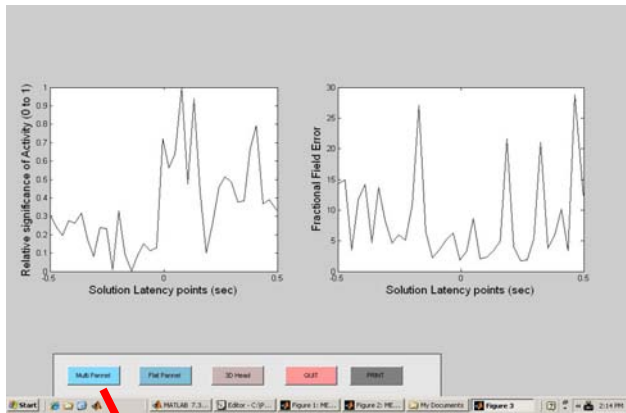


VIEWER for MR-FOCUSS SOLUTIONS



When the Multipannel button is selected the sequence of MRI images are plotted with the MEG solution included. A slice of interest can be plotted separately by clicking on it. This will create a Draw Slice button for rendering the single slice with MEG solution. You can click on any region of interest in this slice. The graphs on the right will display local activity and significance level versus time for the selected region of interest. The actual locations and all other parameters are stored in a data structure:

`SOLUTION.PLOT.SINGLE_PANEL.PICKED(#)`, where # is the sequence number of the pick (1, 2, etc). This structure includes location in MEG coordinates and corresponding MRI coordinates and index to source location in the `SOLUTION.SOURCE` structure.

Viewing ICA-MR-FOCUSS solutions is similar. Except if the loaded file is `solution_ave.mat`, coherence and connectivity imaging results are viewed. The coherence at specific frequencies can be displayed by clicking on the coherence bar graph at the right. Connectivity is a z-score measure of how many sources are coherent with a target region at a specific level of coherence and frequency. However, the initial connectivity plot displays connectivity averaged across all frequencies and levels of coherence. The most useful connectivity display is created by clicking on 1.0 coherence in the coherence bar and leave default of across all frequencies. Locations of high connectivity at a coherence of 1.0 are the most likely sites where sensory input arrives. Again clicking on a slice of interest brings up the Draw slice button. Then clicking on regions of interest plots Coherence and Connectivity spectra for these regions.