

Power Point Manual

Get On The
BUS



BrainMaster
Universe
Simplified



“Sharp”
Level 2

Sharp

Level 2

- How can I modify the Sharp Setting to change electrode placements?

Sharp

Level 2

- The Level 1 Base Setting for the Sharp Protocol included the electrode placement of Cz to train down a broadband (1Hz to 38Hz) to help reduce brain fog.
- Perhaps the specification for this client is to train the broadband down at P4 rather than Cz.
- Lets learn how to change the electrode placement.

FIRST: It is so very simple to make changes and experiment with BrainAvatar Settings Files without concern because if something just doesn't seem to work as planned, you always can reload the original Settings File you downloaded to your system.

Consider manipulating the settings in your working folder as a sandbox. You can always replace it with the original setting file.



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Lets Begin

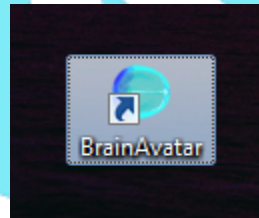
- Make Sure the Atlantis Amplifier is plugged in.



Sharp

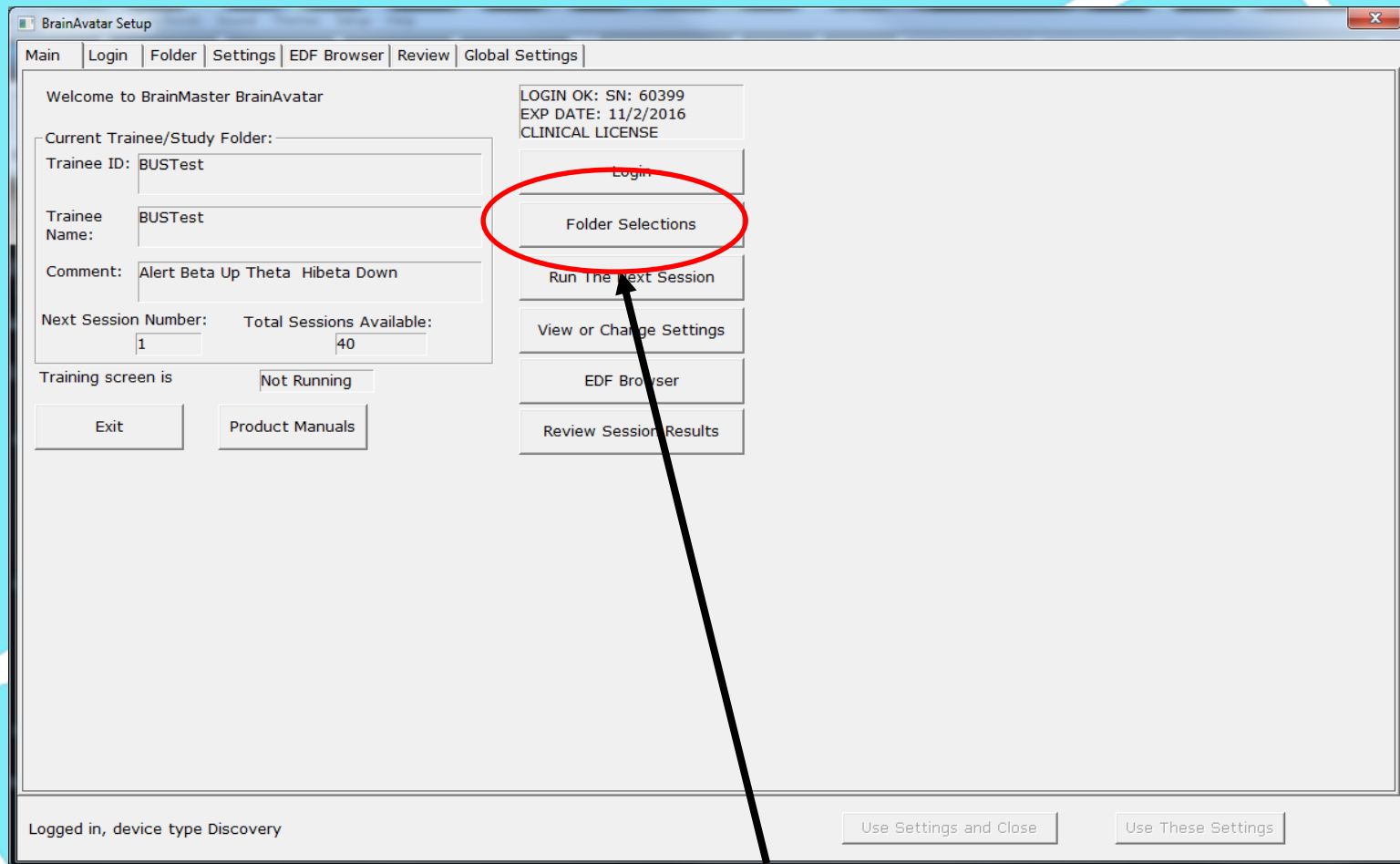
Level 2

- Open BrainAvatar by double-clicking the BrainAvatar Icon



- The Select Folder Screen will appear.
- By now you should know how to either create a new client folder or recall an existing client folder.
- For the purposes of this exercise let's open and utilize the "BUSTest" Folder which may already be resident on your system. If not, then create one.

- The BrainAvatar Setup Window will Appear



- Click "Folder Selections".

- The Select Folder Screen will appear.

BrainAvatar Setup

Main | Login | Folder | Settings | EDF Browser | Review | Global Settings

Select Folder | Create Folder | Folder Notes | Session Librarian | Edit Folder Info.

Select Folder: (you may double-click to select)

Study Name	Birth Date	Sess	Max	Comment	Technician	Physician	Trainee Name	Created	Modified
..									
BUSTest	2000-7-4	40		Alert Beta Up T...	EEG tech		BUSTest	2016-8-3	2016-8-3

Study Name (Trainee ID): BroJad4chPZOKP3P4O1O2

Trainee Name: BroJad4chPZOKP3P4O1O2

Comment: comment

Sessions Used: 4

Max Sessions: 40

Session Librarian

Administer Session Genie

Push Current Study to Server and Delete

Archive Current Study

Archive Current Study and Delete

Create New Folder

Folder Notes

Edit Folder Info.

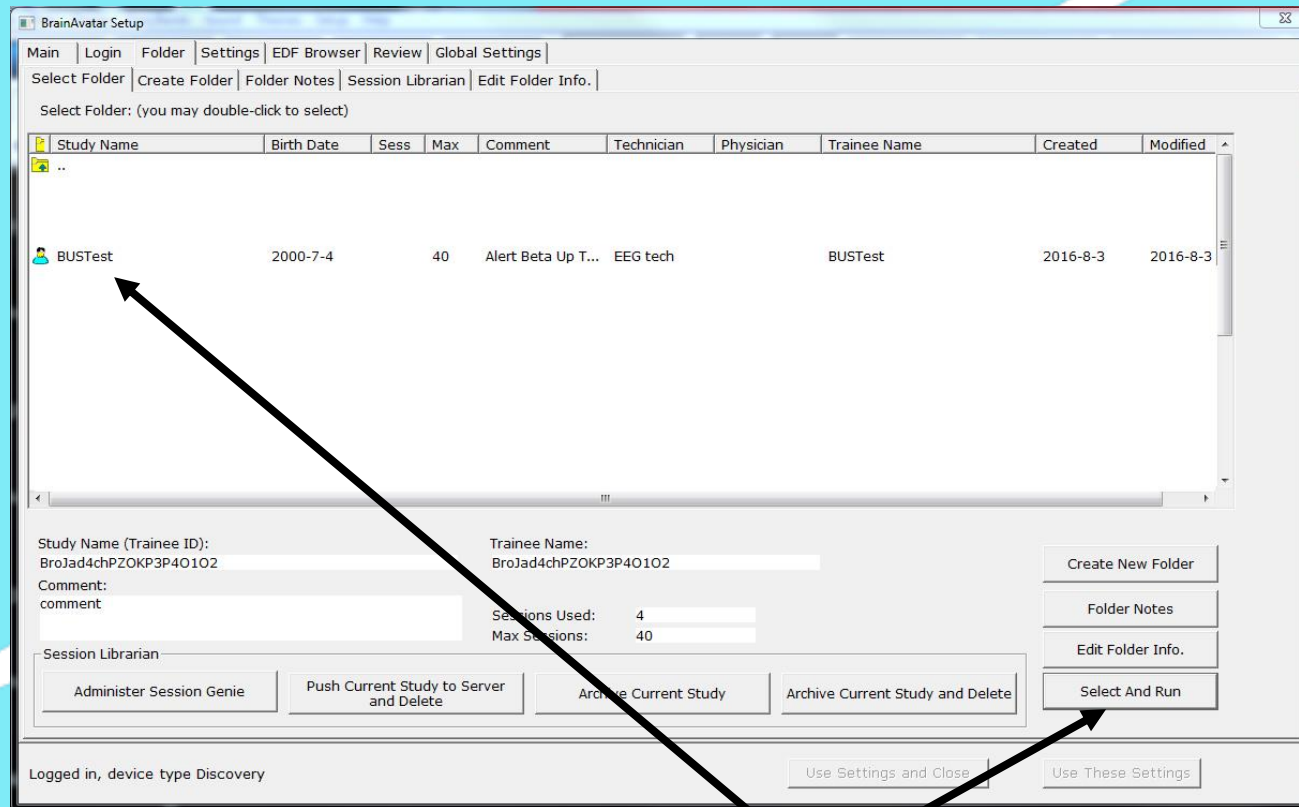
Select And Run

Logged in, device type Discovery

Use Settings and Close

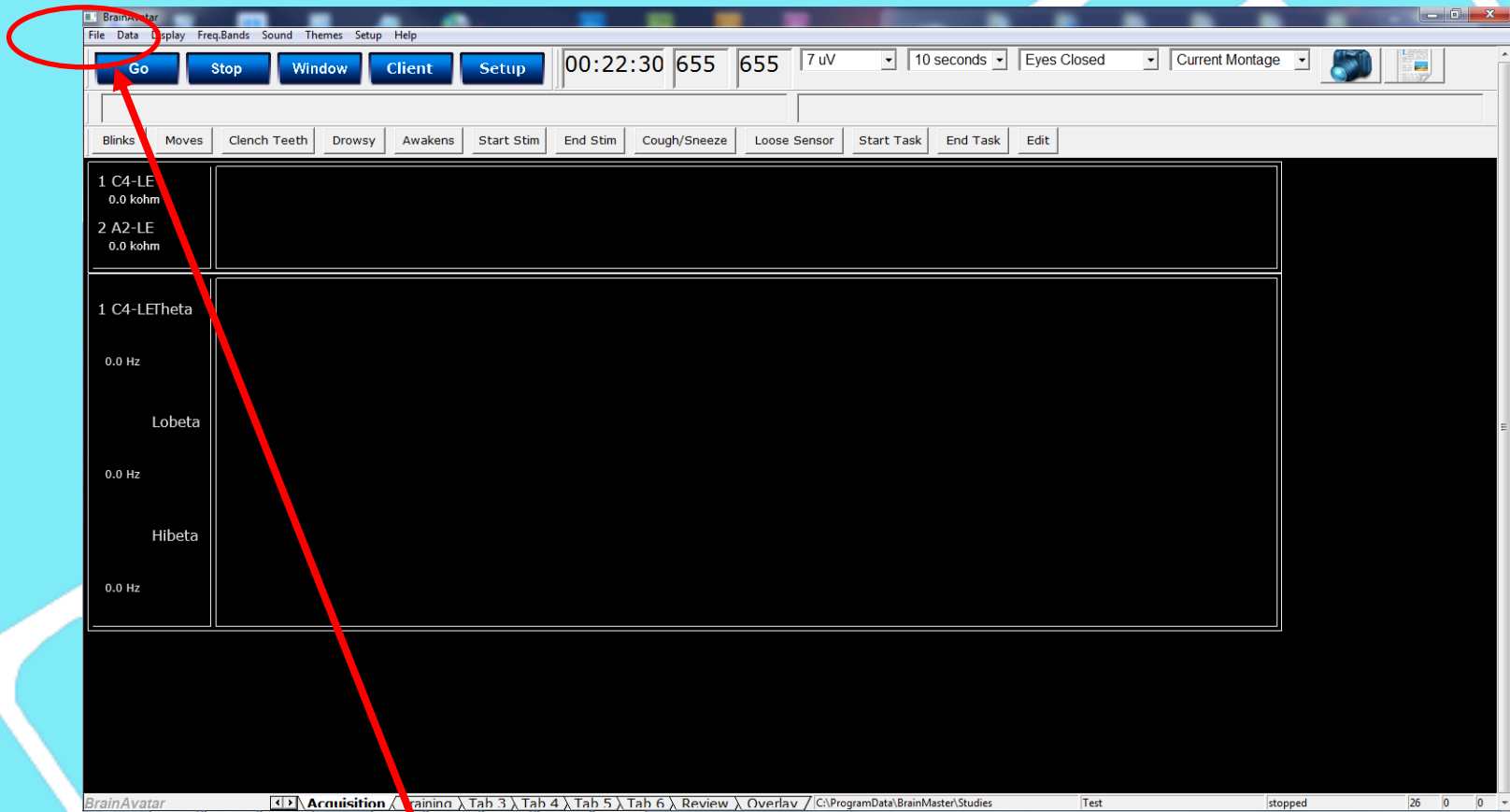
Use These Settings

- The Select Folder Screen will appear.



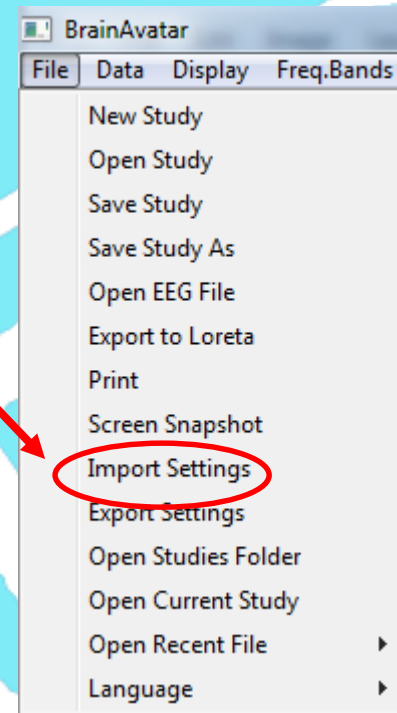
- Click the Study (Folder) you would like to open (in this case BUSTest) and then click “Select and Run”.

- The BrainAvatar Acquisition Screen is illuminated. Let's load the original Sharp Level 1 Setting File.




- Click “File” from the Main Menu at the top.

- Next click “Import Settings”.



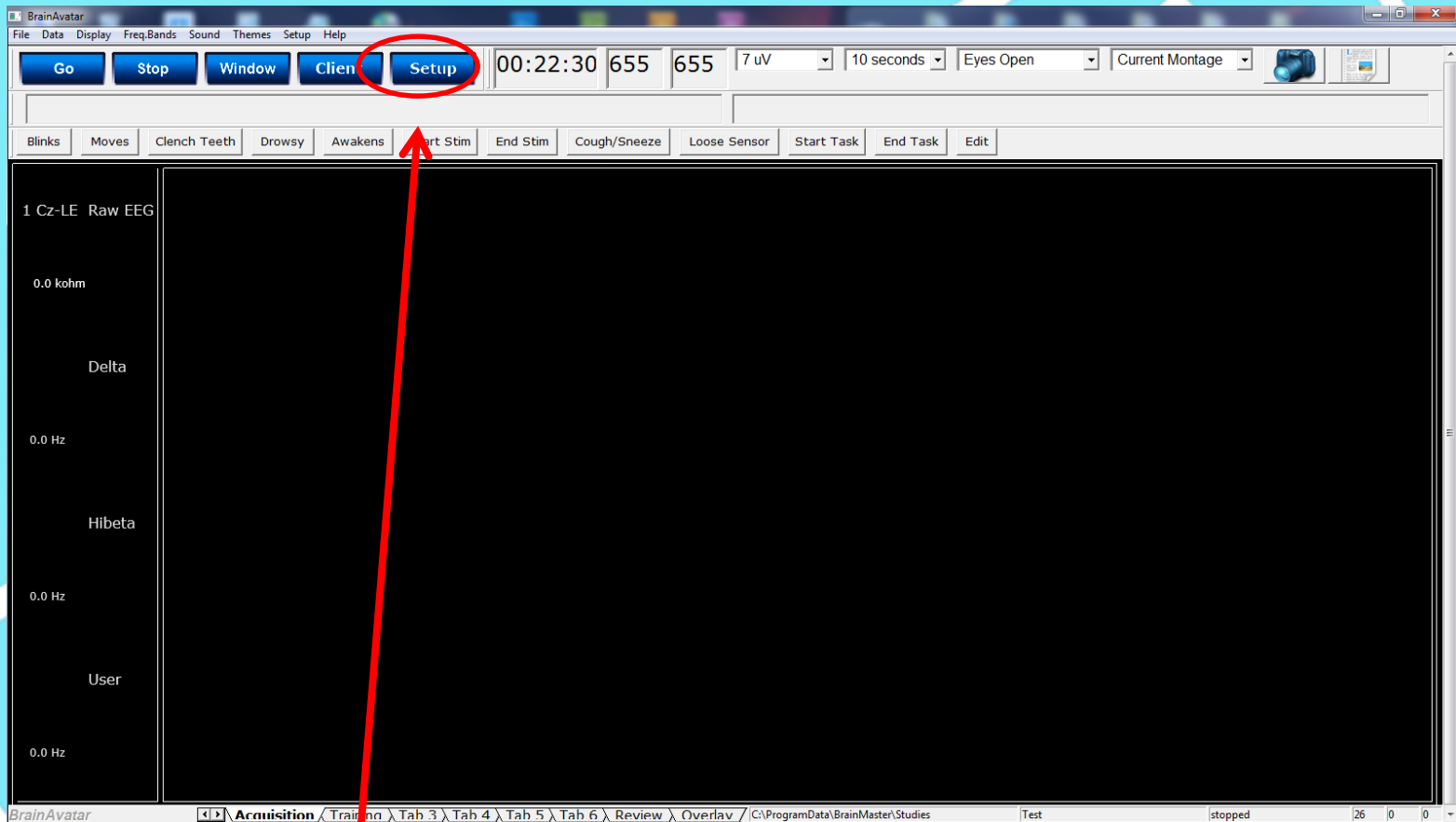
- Scroll to find the original Sharp Level 1 File and double click it.

Name	Date modified	Type	Size
 0701001Sharp.bdb2	1/23/2016 5:56 PM	BDB2 File	142 KB

- The original Sharp Level 1 setting is imported into the Test Study and is now ready for modification.

Sharp

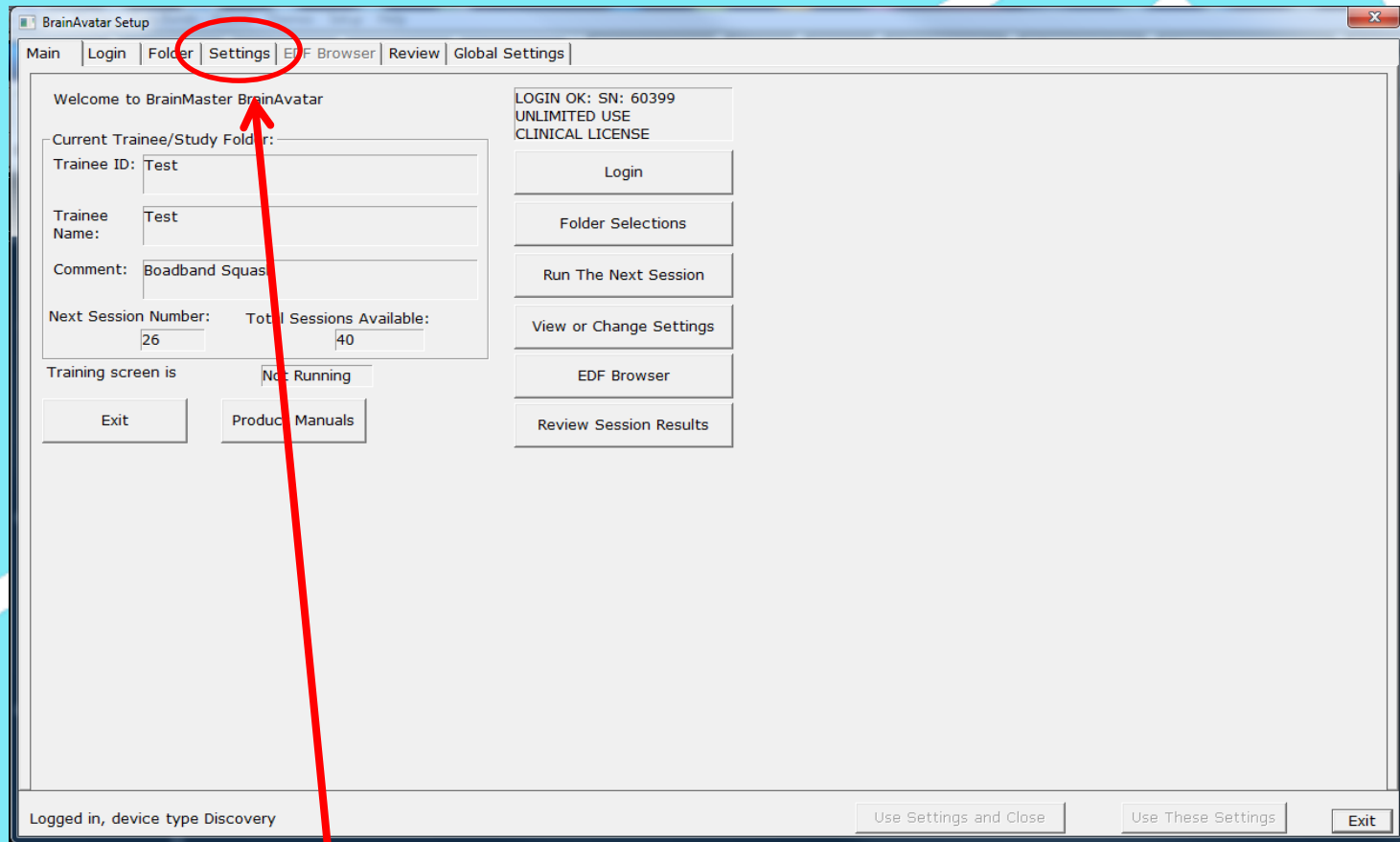
The Protocol is now ready for Modification



- Click “Setup”.

Sharp

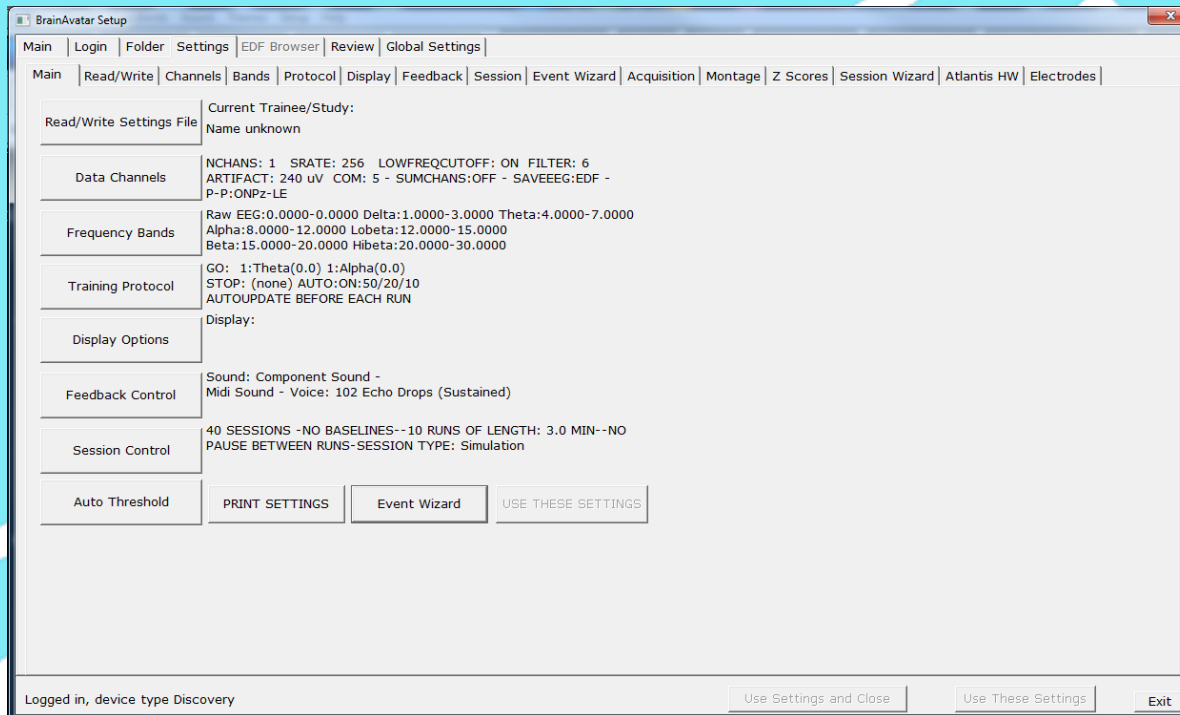
The Protocol is now ready for Modification



- Click "Settings".

Sharp

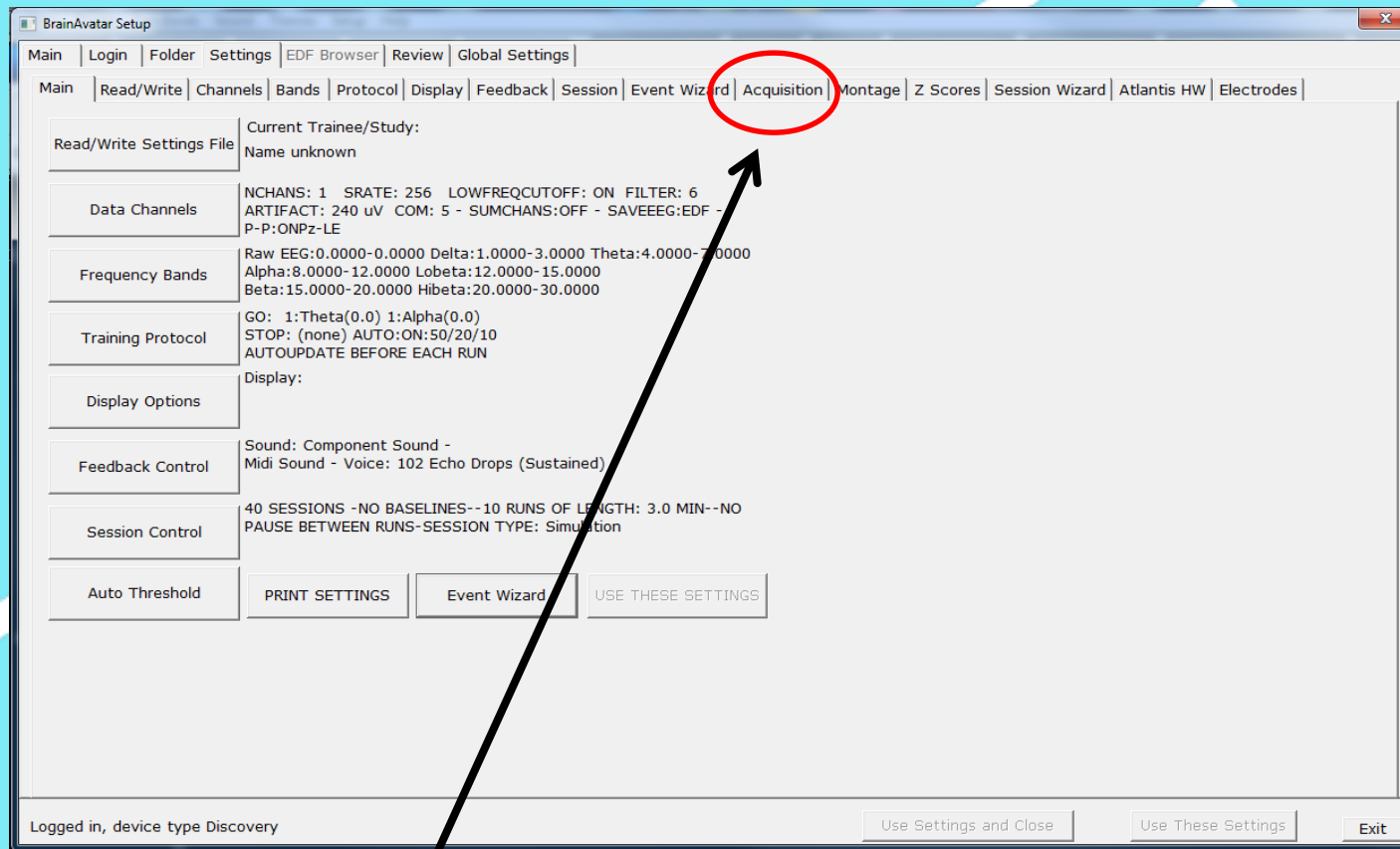
The Protocol is now ready for Modification



YOU ARE NOW ABOUT TO ENTER THE “BRAIN CENTER” OF THE BRAINAVATAR PROGRAM. ANY HAPHAZARD MODIFICATIONS HERE WITHOUT KNOWLEDGE MAY CAUSE UNPREDICTABLE RESULTS. THIS INSTRUCTION MANUAL WILL GIVE YOU THE PROPER KNOWLEDGE TO ALTER THESE CONTROL SCREENS WITHOUT CONCERN. AGAIN, YOU CAN ALWAYS INSTALL THE ORIGINAL SETTING FILE IF NECESSARY.

Sharp

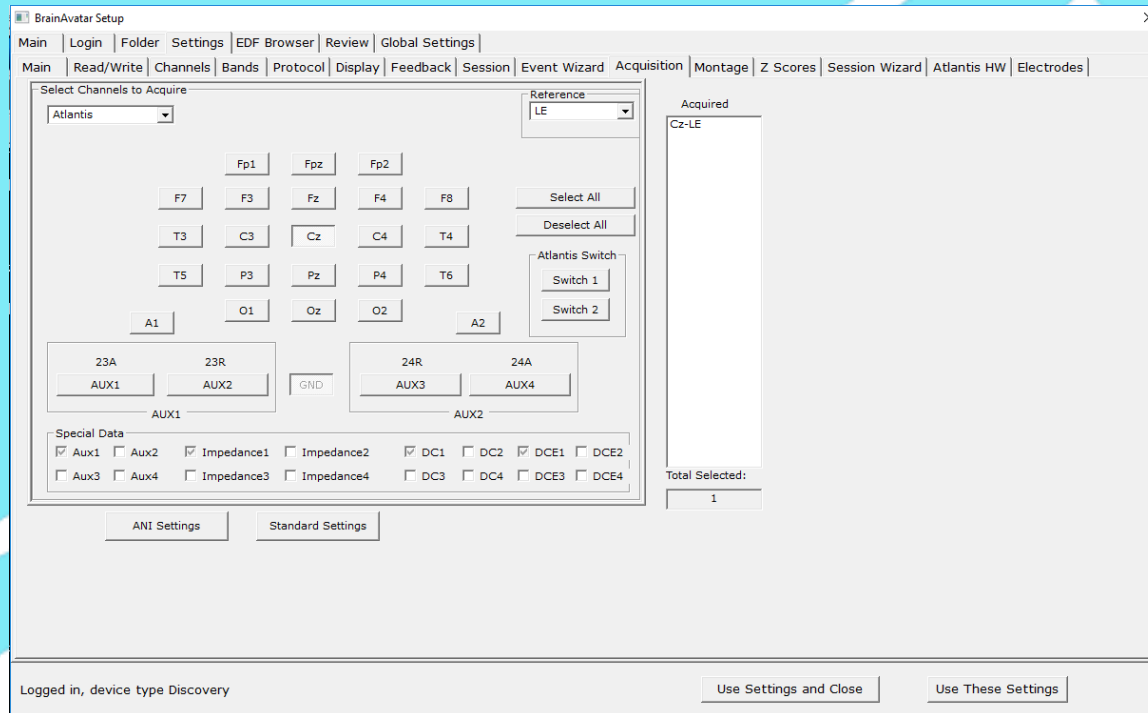
The Protocol is now ready for Modification



Click "Acquisition".

Sharp

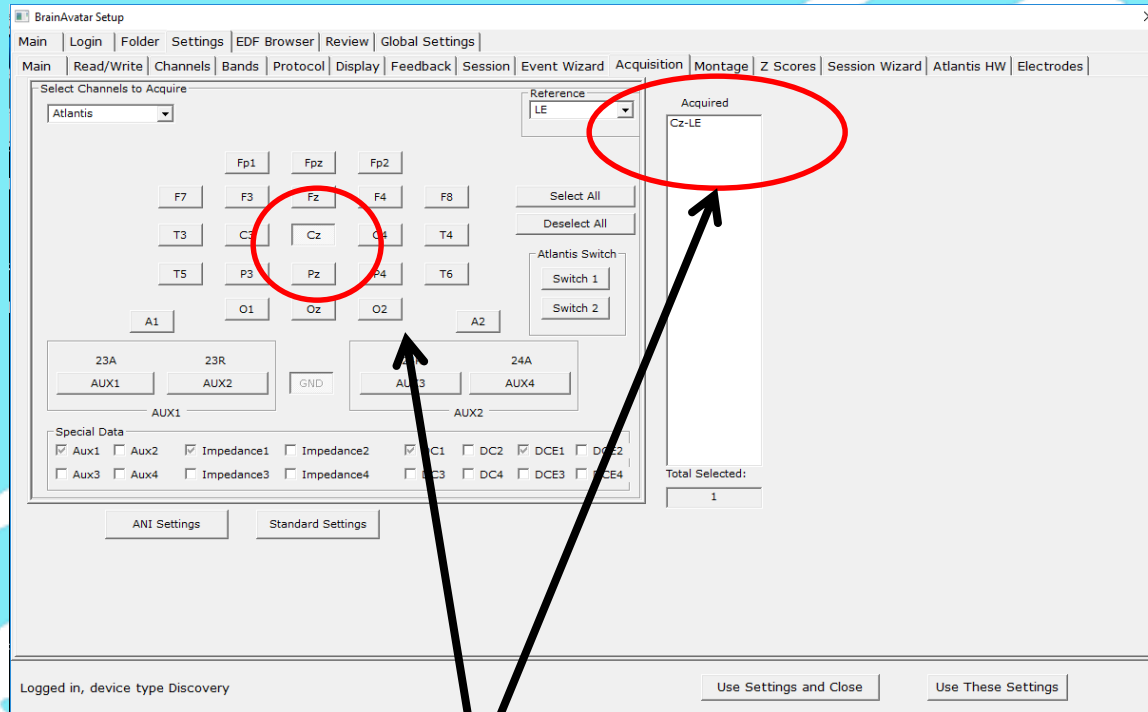
The Protocol is now ready for Modification



This is the Acquisition Screen where electrode or cap positions are chosen. The selections relate the locations where you plug electrodes into the Discovery Amplifier with the BrainAvatar Software.

Sharp

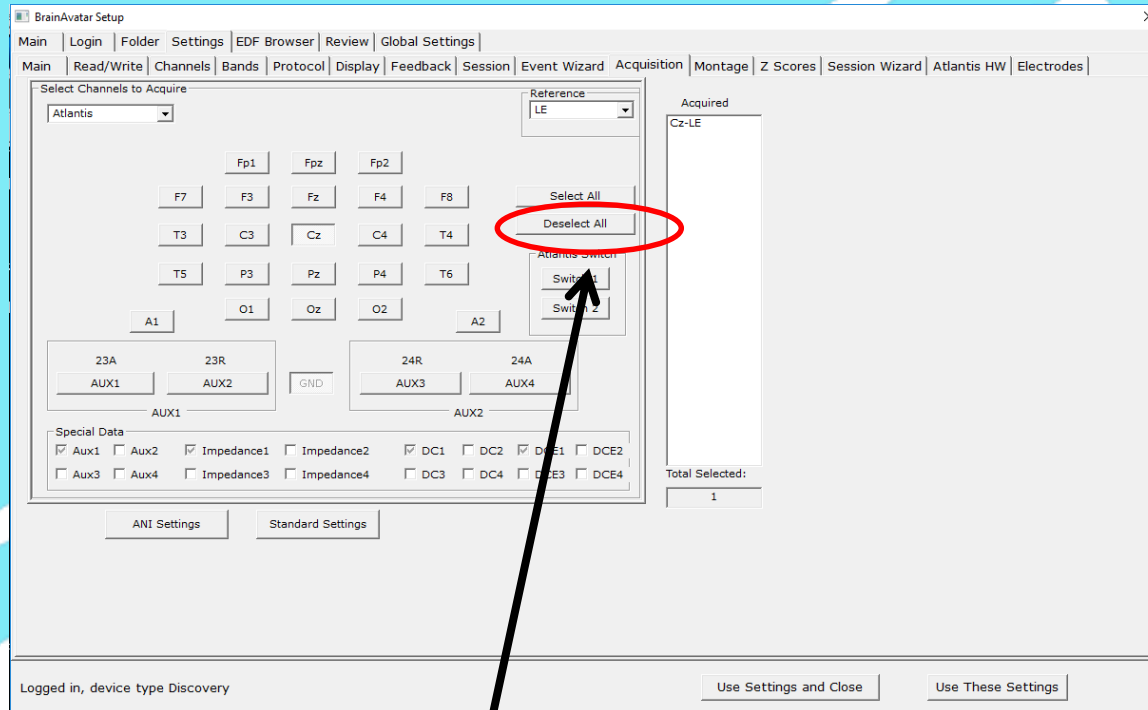
The Protocol is now ready for Modification



As you can see the electrode placement (Cz) from the original Sharp Level 1 setting is selected.

Sharp

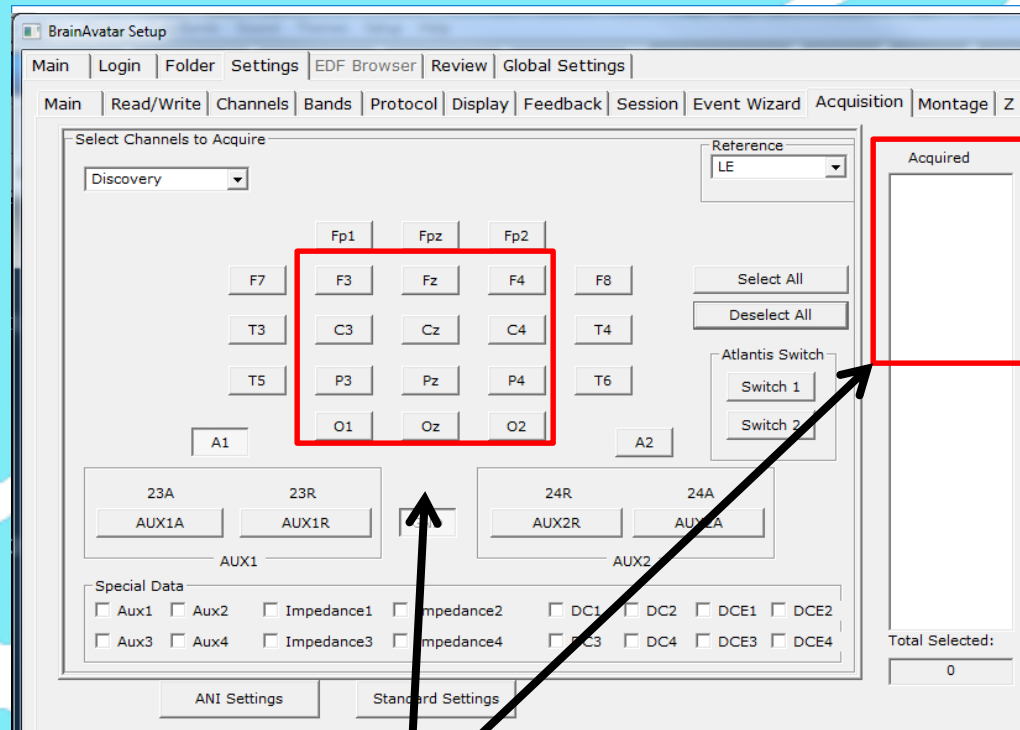
The Protocol is now ready for Modification



Click “Deselect All” to reset the software to a place where no electrodes or the electrode cap are selected.

Sharp

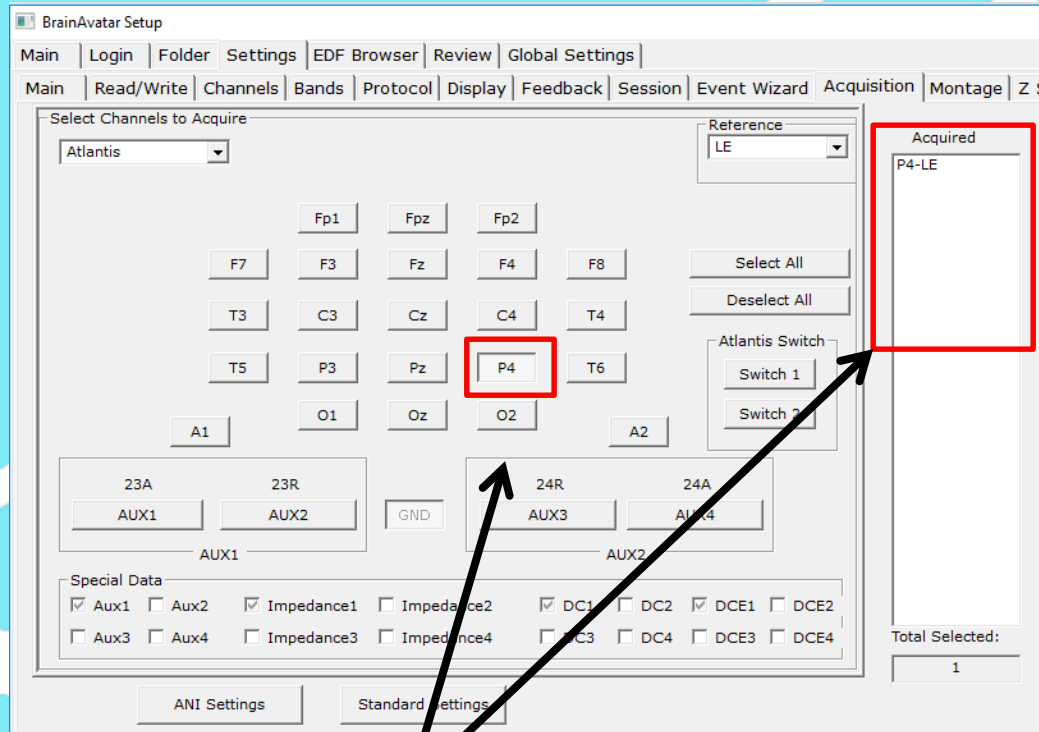
The Protocol is now ready for Modification



Notice, no electrodes are selected and the screen is ready to accept your new electrode placements.

Sharp

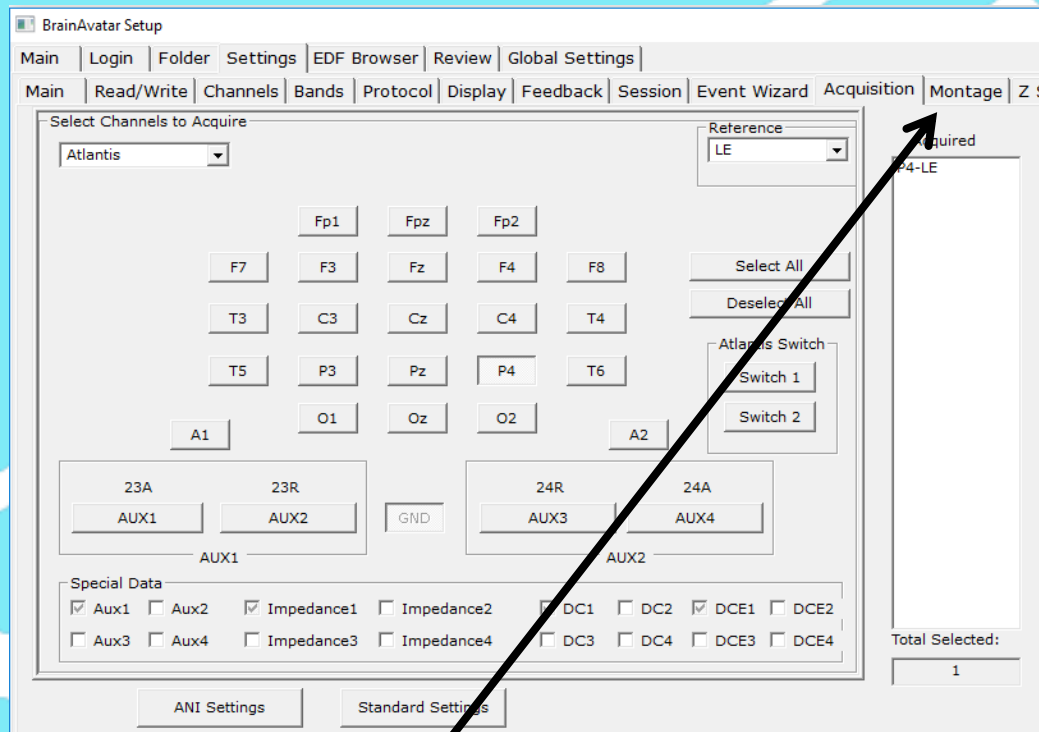
The Protocol is now ready for Modification



Select the electrode placement “P4” in the main screen. Notice this choice has populated the Acquired section of the Acquisition Screen.

Sharp

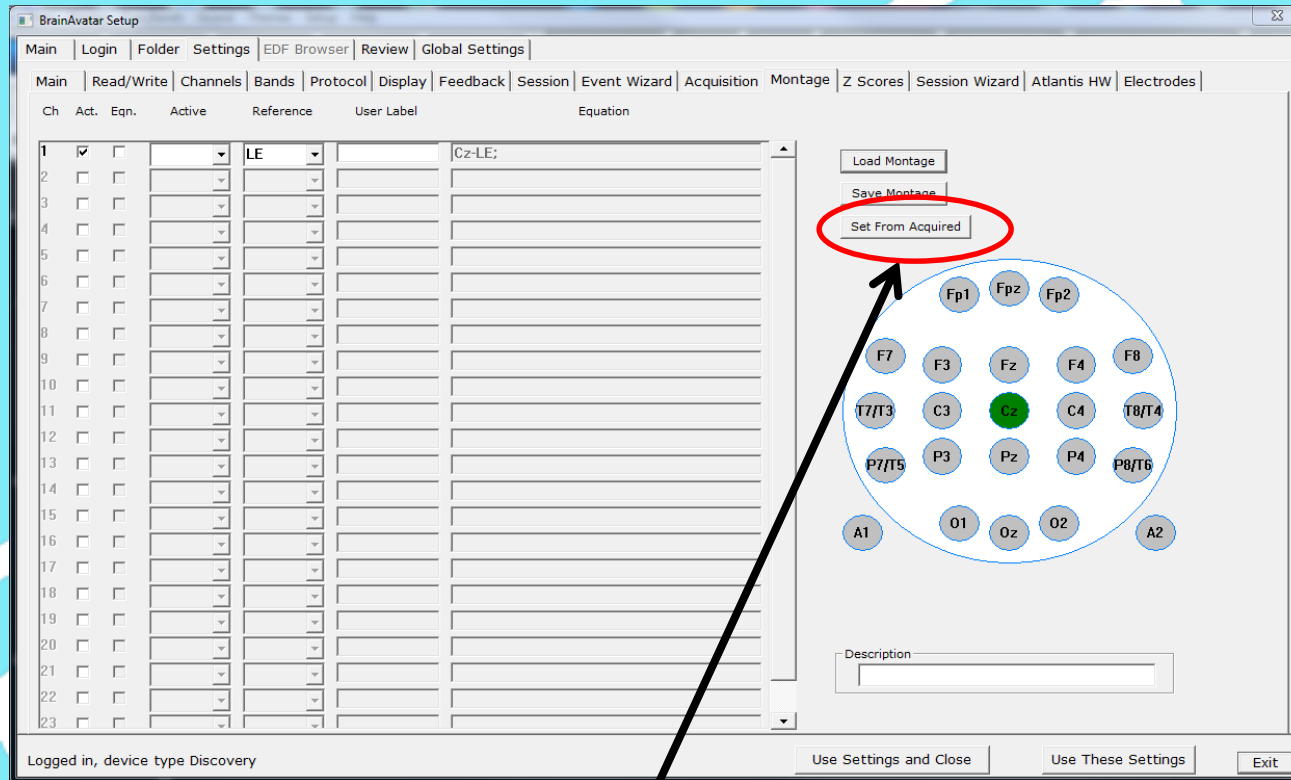
The Protocol is now ready for Modification



We are now ready to move to the next screen, the “Montage” Screen.

Sharp

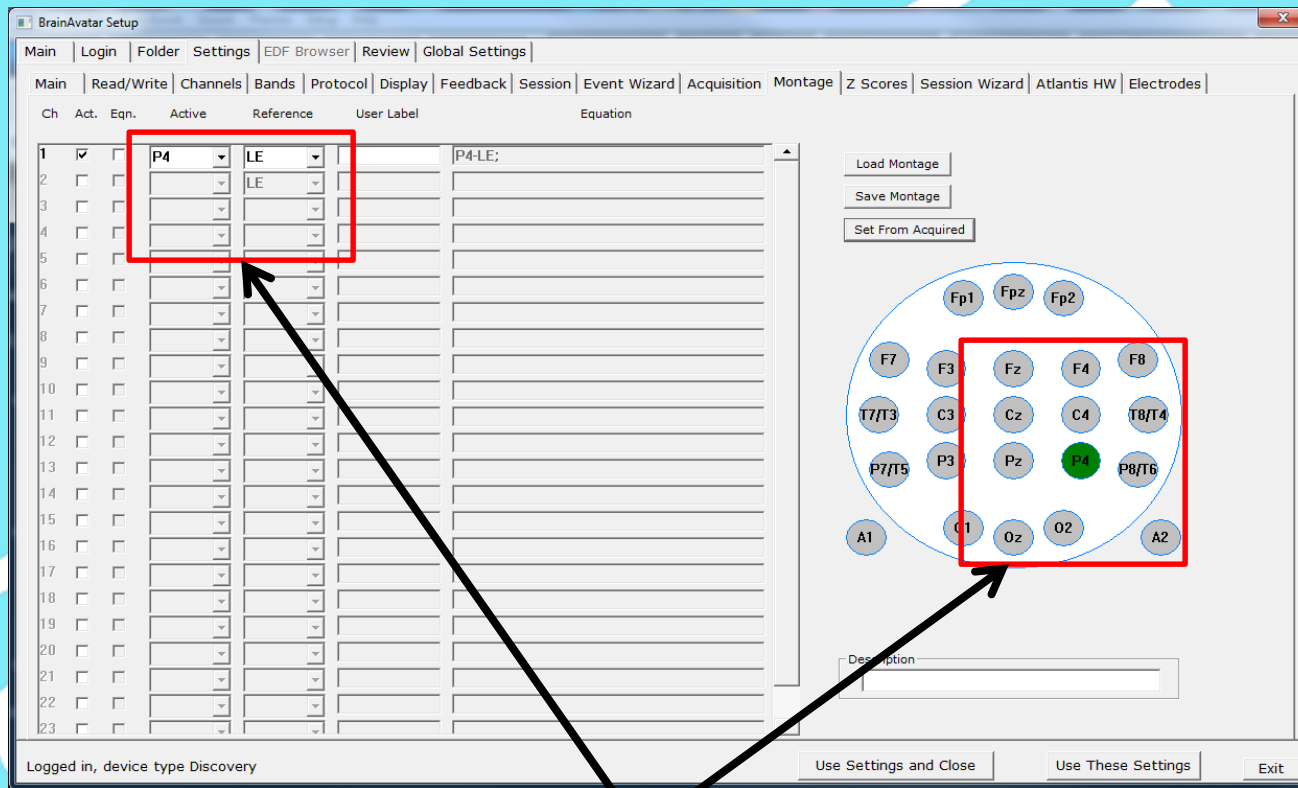
The Protocol is now ready for Modification



Notice the previous electrode listing remained on this screen. To change this click “Set From Acquired”.

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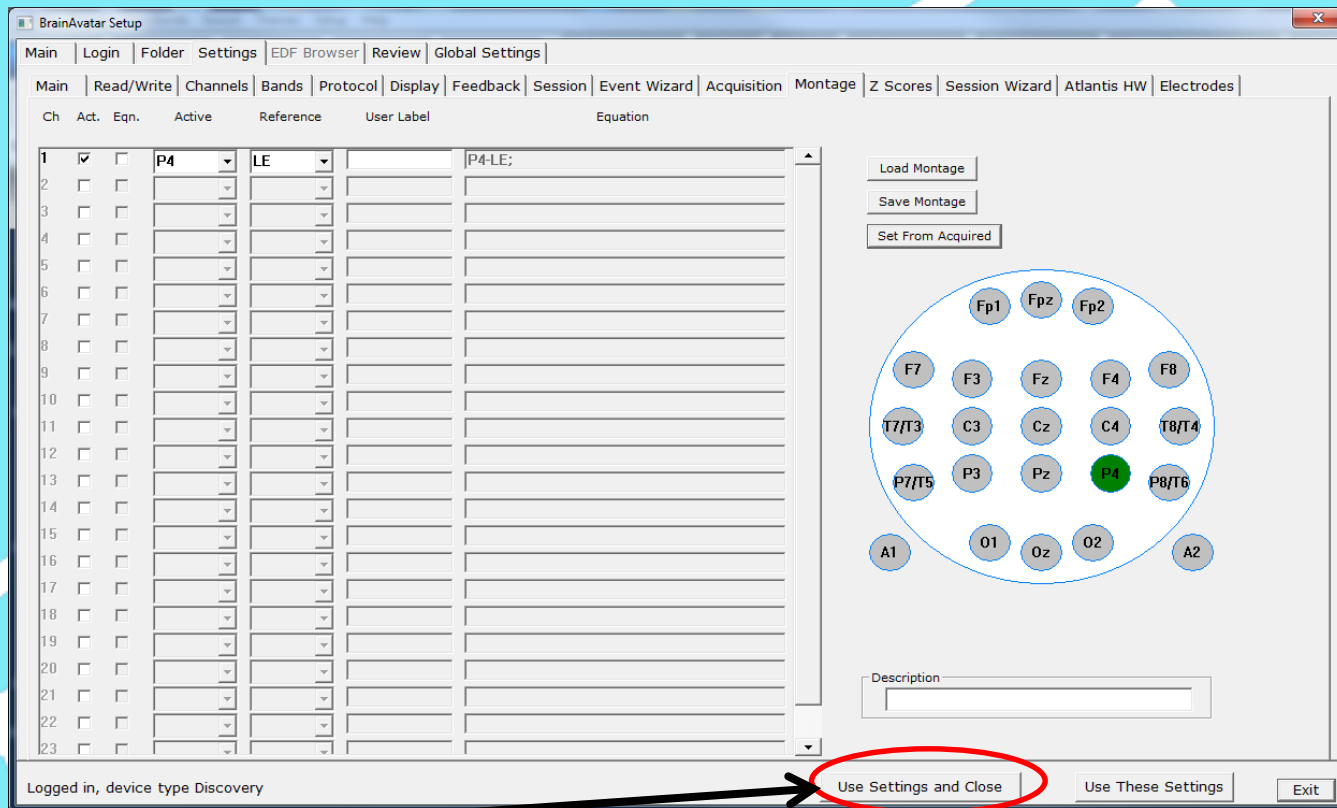
The Protocol is now ready for Modification



Notice, now, the montage is properly populated with the electrode chosen.

Sharp

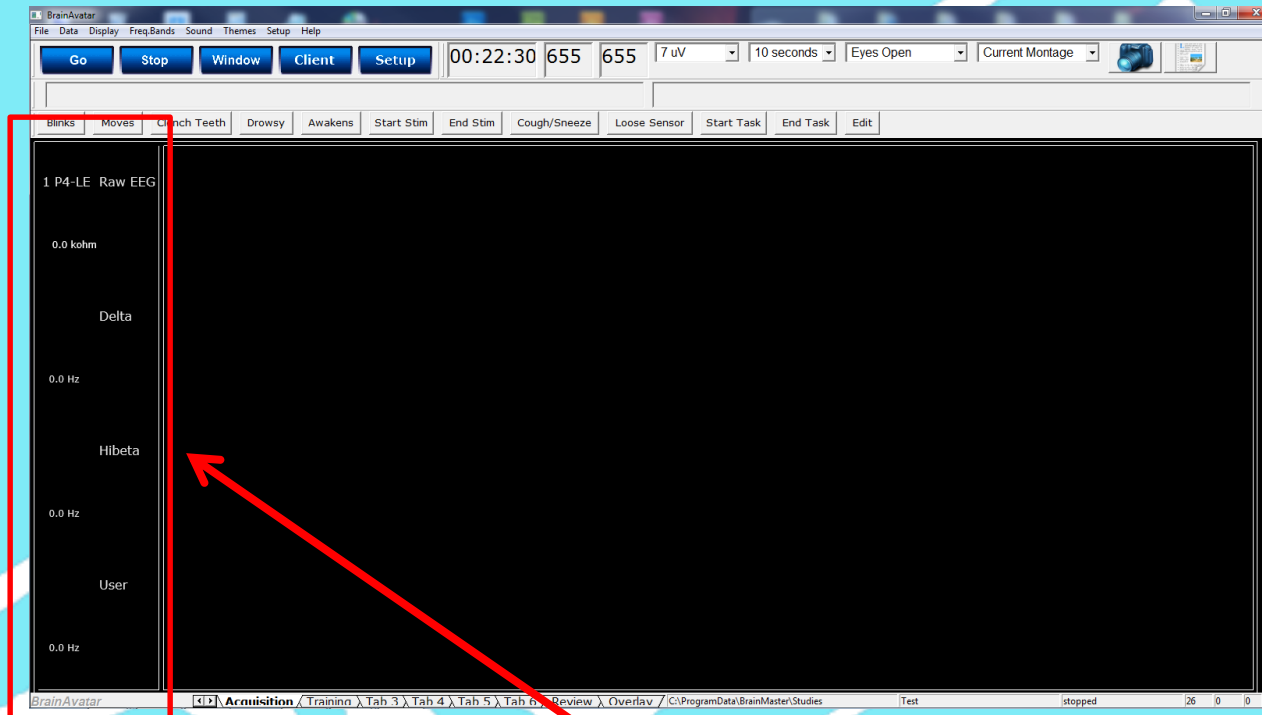
The Protocol is now ready for Modification



This completes the channel modification work. Select “Use Settings and Close to save the modifications.

Sharp

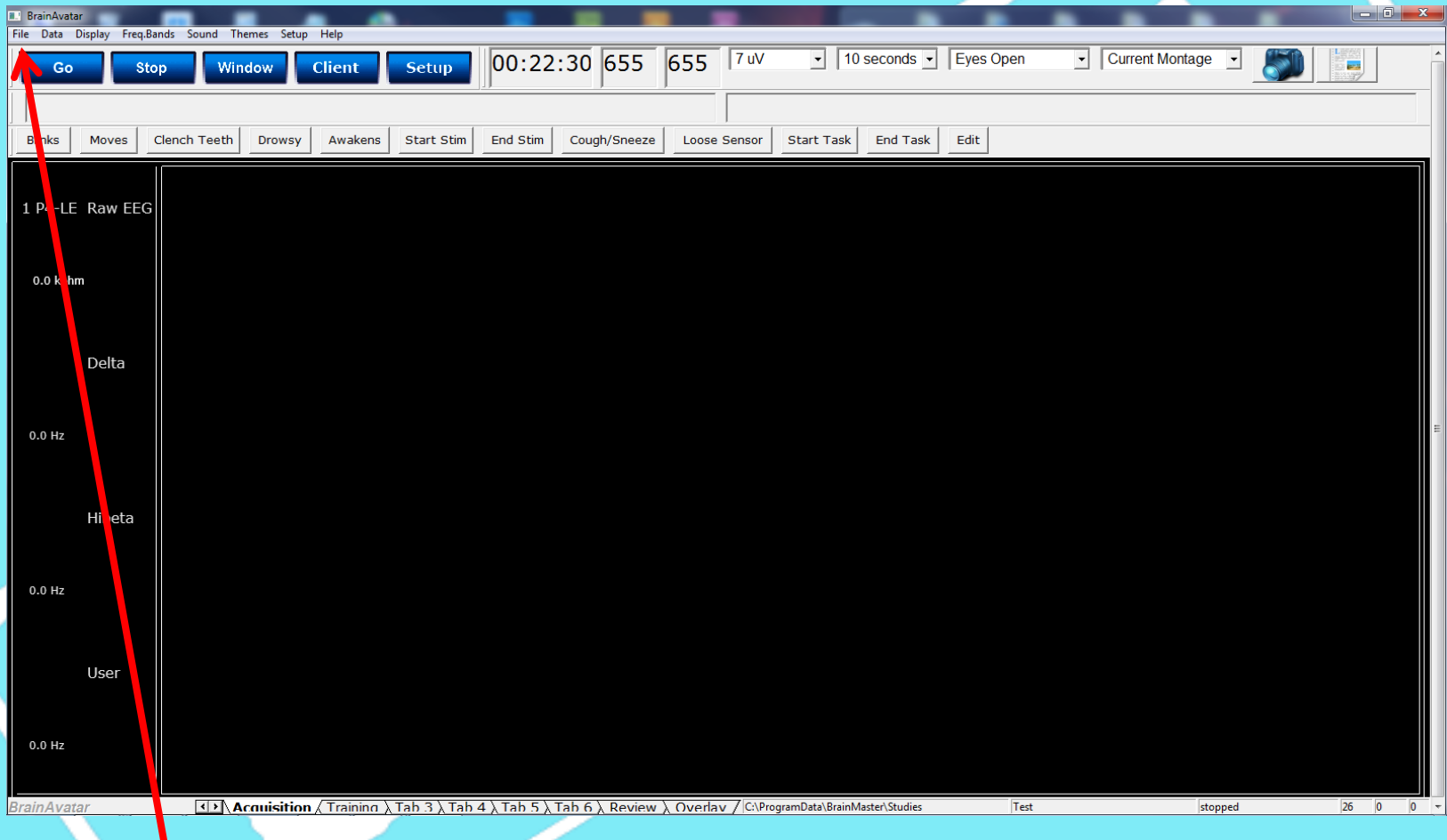
The Protocol is now ready for Modification



You can now see that electrode placements and the montage have been changed. However, we are not done yet. If desired, We may now save this modification as a new settings file.

Sharp

The Protocol is now ready for Modification

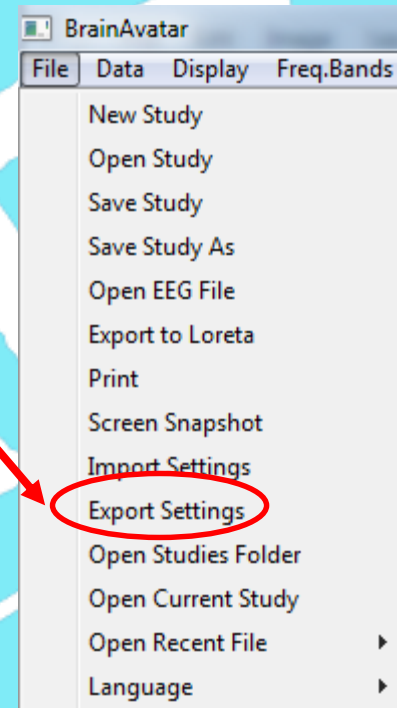


Click "File".

Sharp

Level 2

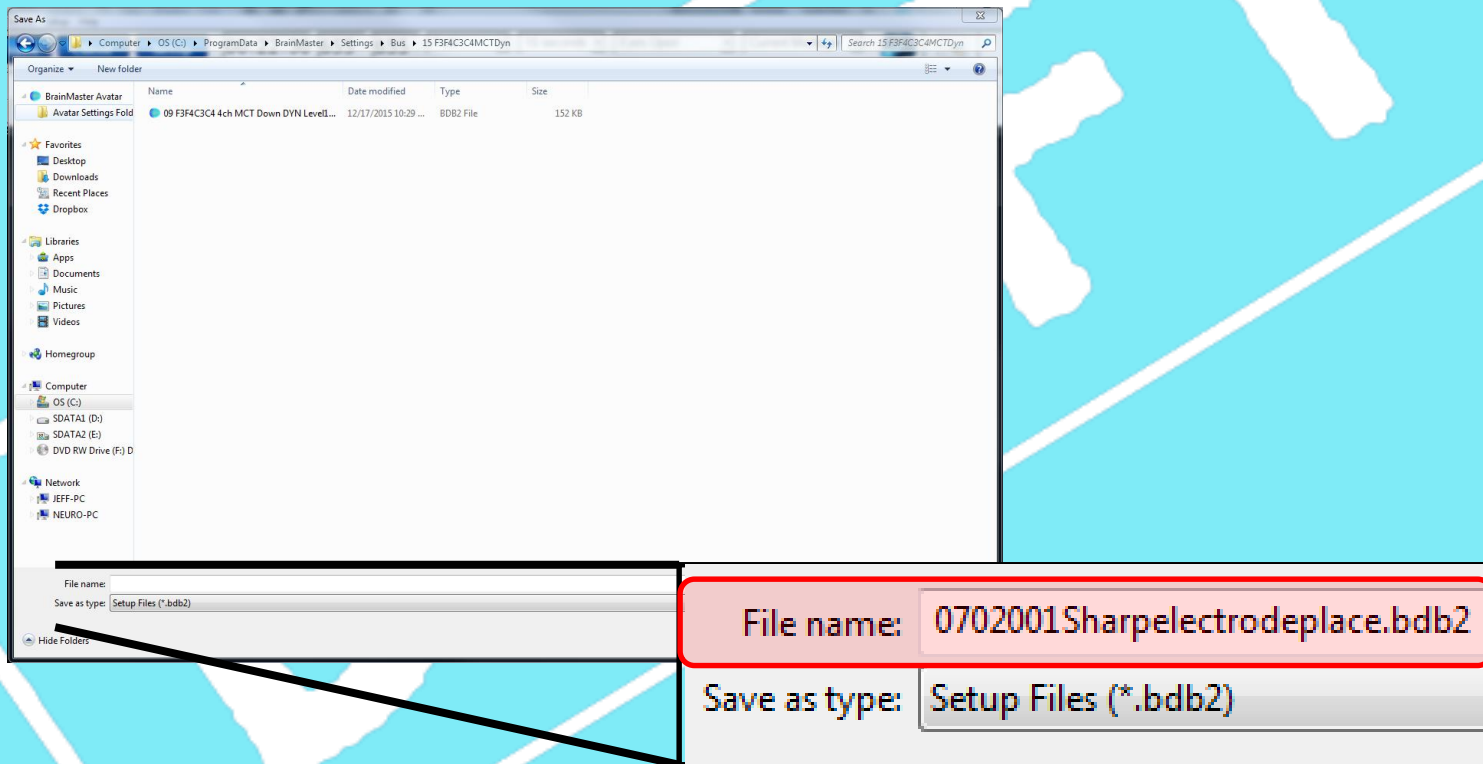
Next click “Export Settings”.



Sharp

Level 2

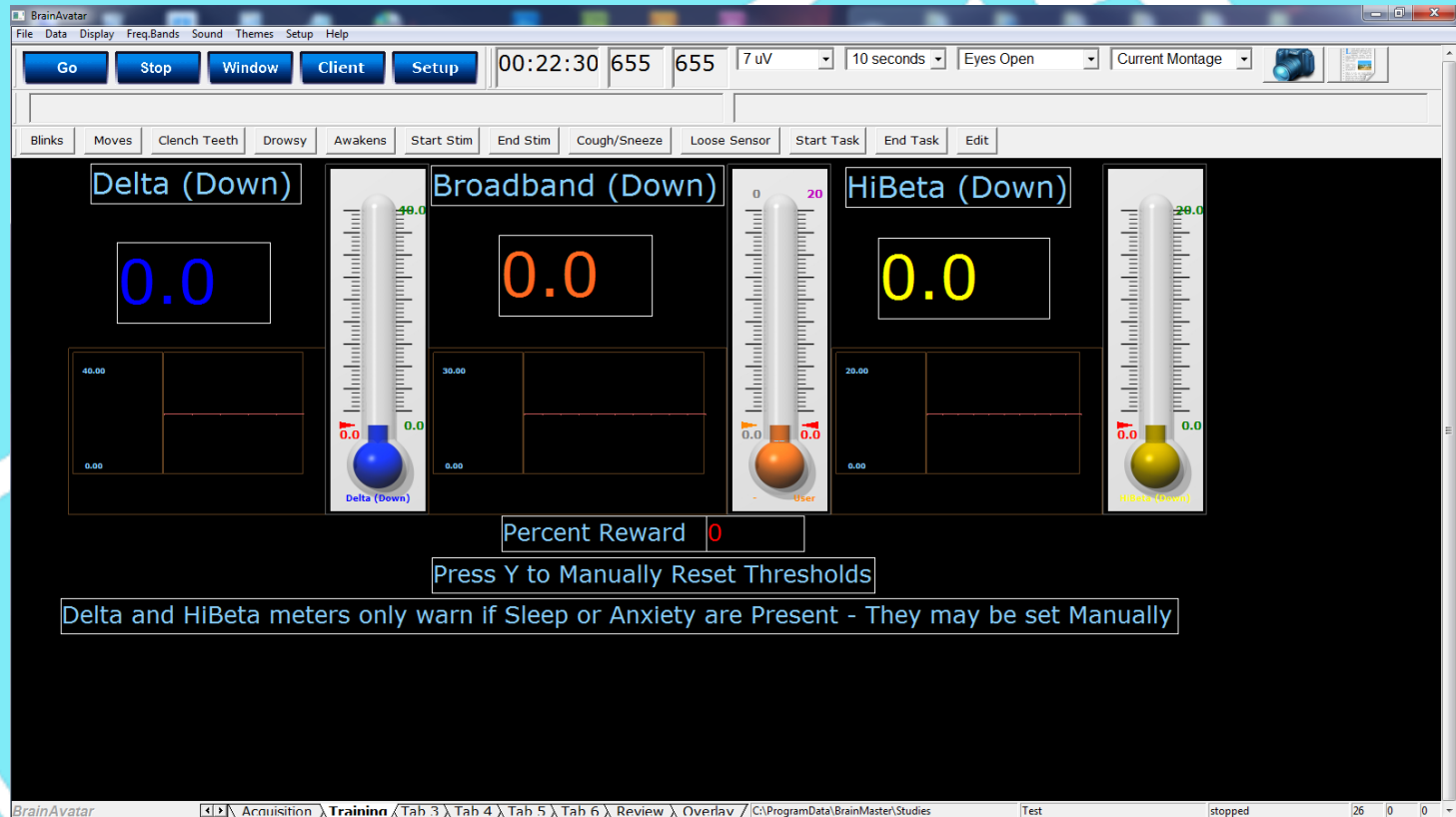
Find the 0702001Sharpelectrodeplace Folder and store this setting file there. The file name has already been provided.



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The Protocol is now ready to run with the revisions made.



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