

# Power Point Manual

Get On The  
BUS



BrainMaster  
Universe  
Simplified



“Balance”  
level 2

# BALANCE

Level 2

- How can I modify the Balance Settings to change electrode placements?

*All protocols are for demo and research purposes only. Clinicians must determine protocol choices. All protocols must be used within scope of practice and scope of competence.*

# BALANCE

## Level 2

- The Level 1 Base Setting for the Balance Protocol included the electrode placements of C3 and C4 to train up Beta and SMR and to train down theta and hibeta.
- Perhaps the specification for this client is to train up Beta and LoBeta at P4 rather than C4.
- Lets learn how to change the electrode placements.

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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.



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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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# BALANCE

Level 2

## Lets Begin

- Make Sure the Atlantis Amplifier is plugged in.

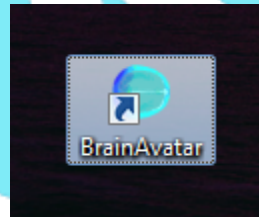


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## Level 2

- Open BrainAvatar by double-clicking the BrainAvatar Icon



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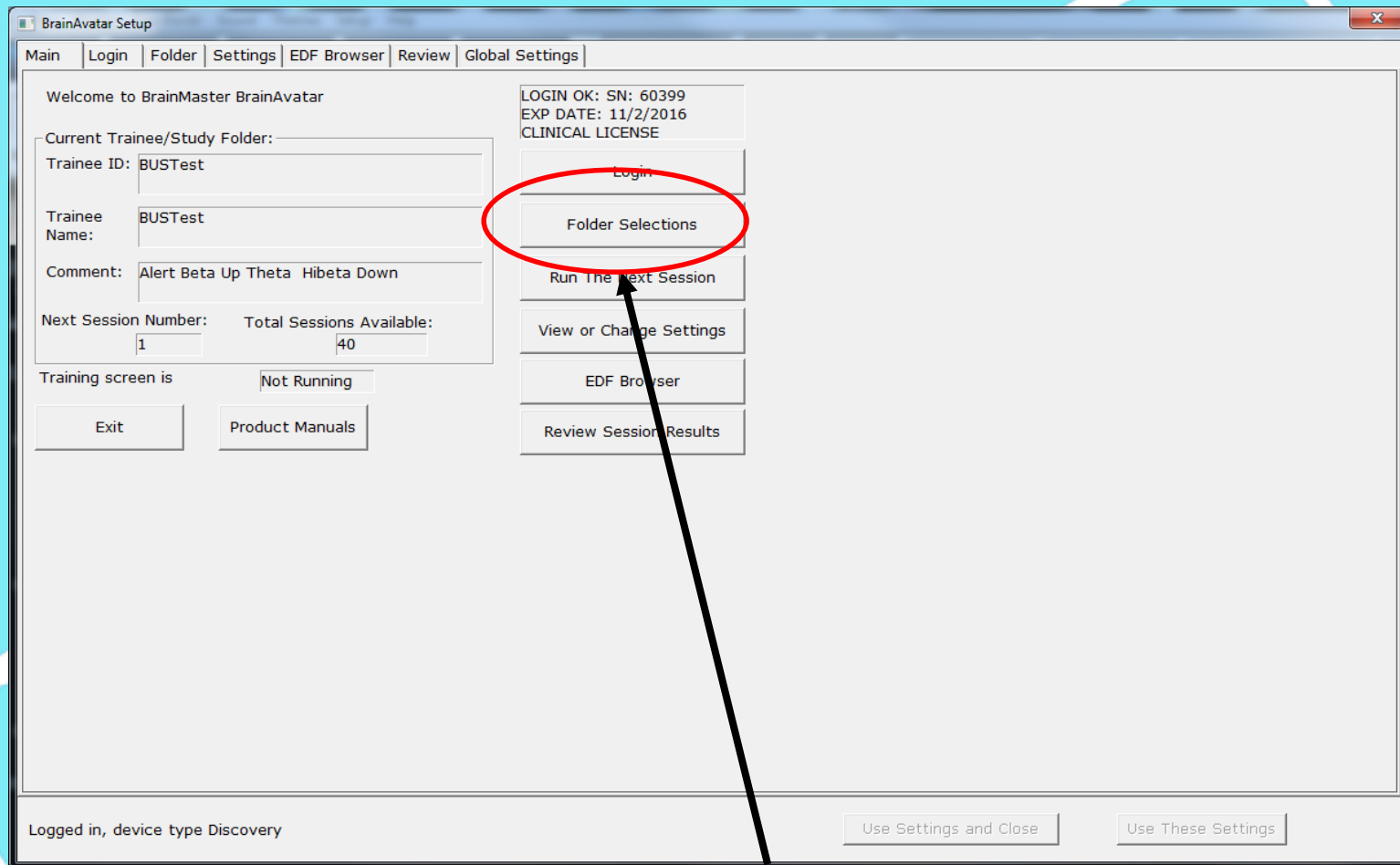
# The Select Folder Screen will appear.

- 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.

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- The BrainAvatar Setup Window will Appear



- Click “Folder Selections”.

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- 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.

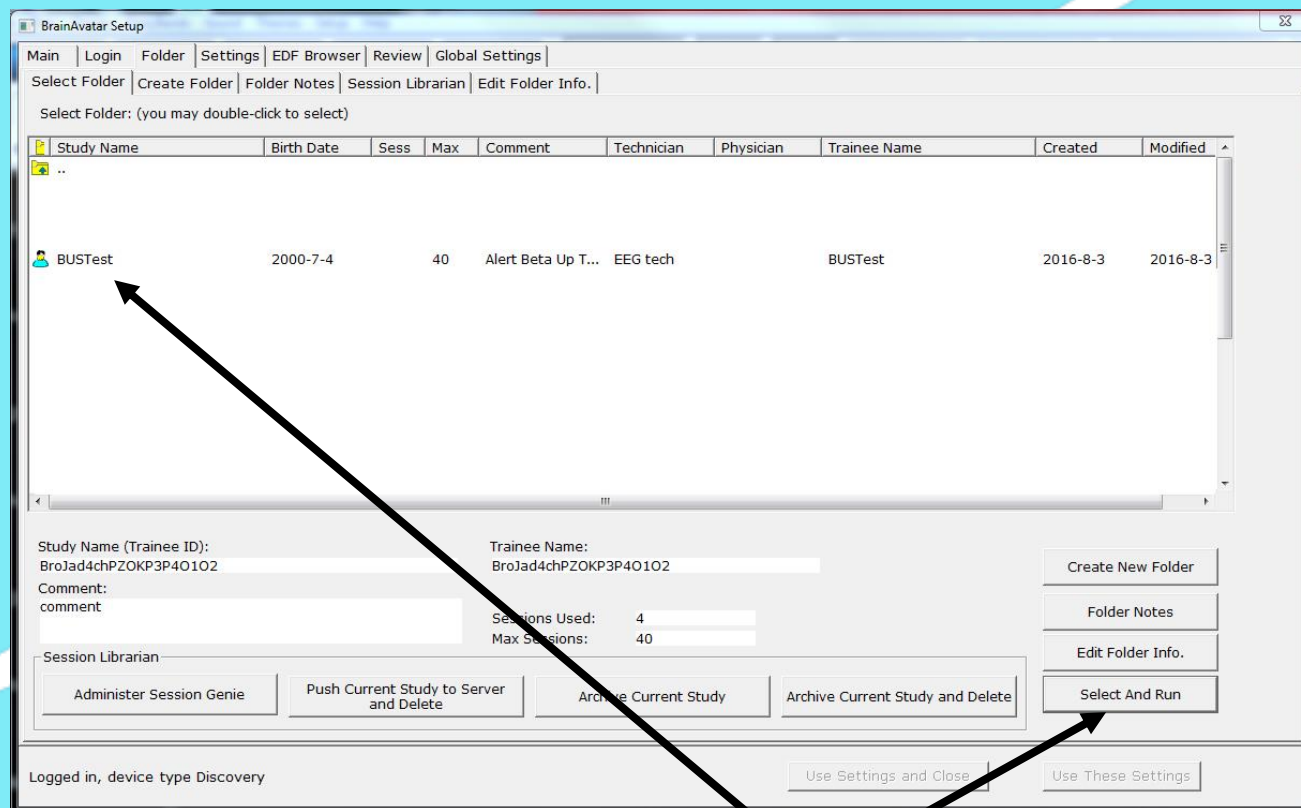
Select And Run

Logged in, device type Discovery

Use Settings and Close | Use These Settings

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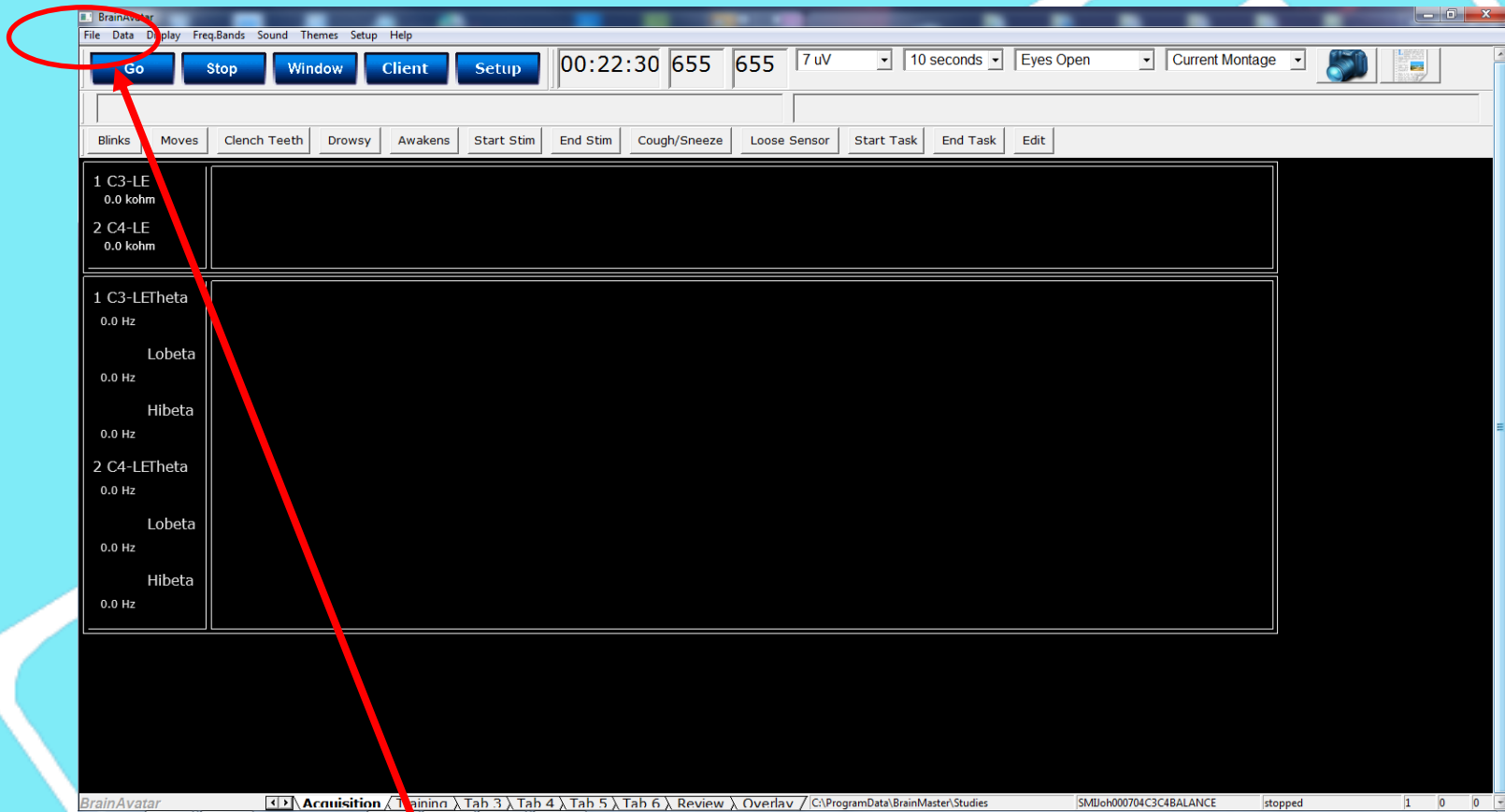
- The Select Folder Screen will appear.



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

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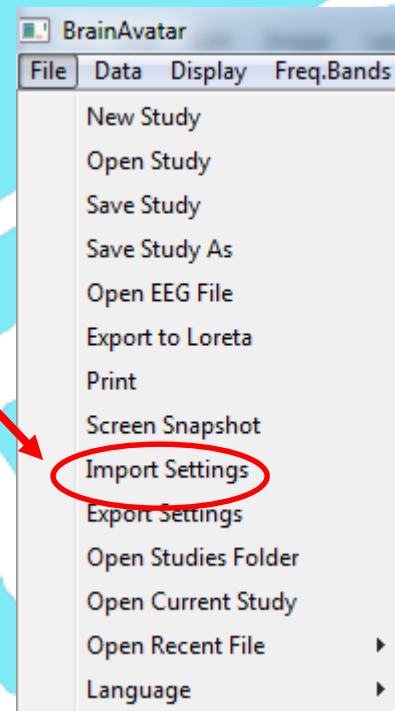
- The BrainAvatar Acquisition Screen is illuminated. Let's load the original Balance Level 1 Setting File.




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

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- Next click “Import Settings”.



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

Name	Date modified	Type	Size
 0801001Balance.bdb2	2/6/2016 12:23 PM	BDB2 File	170 KB

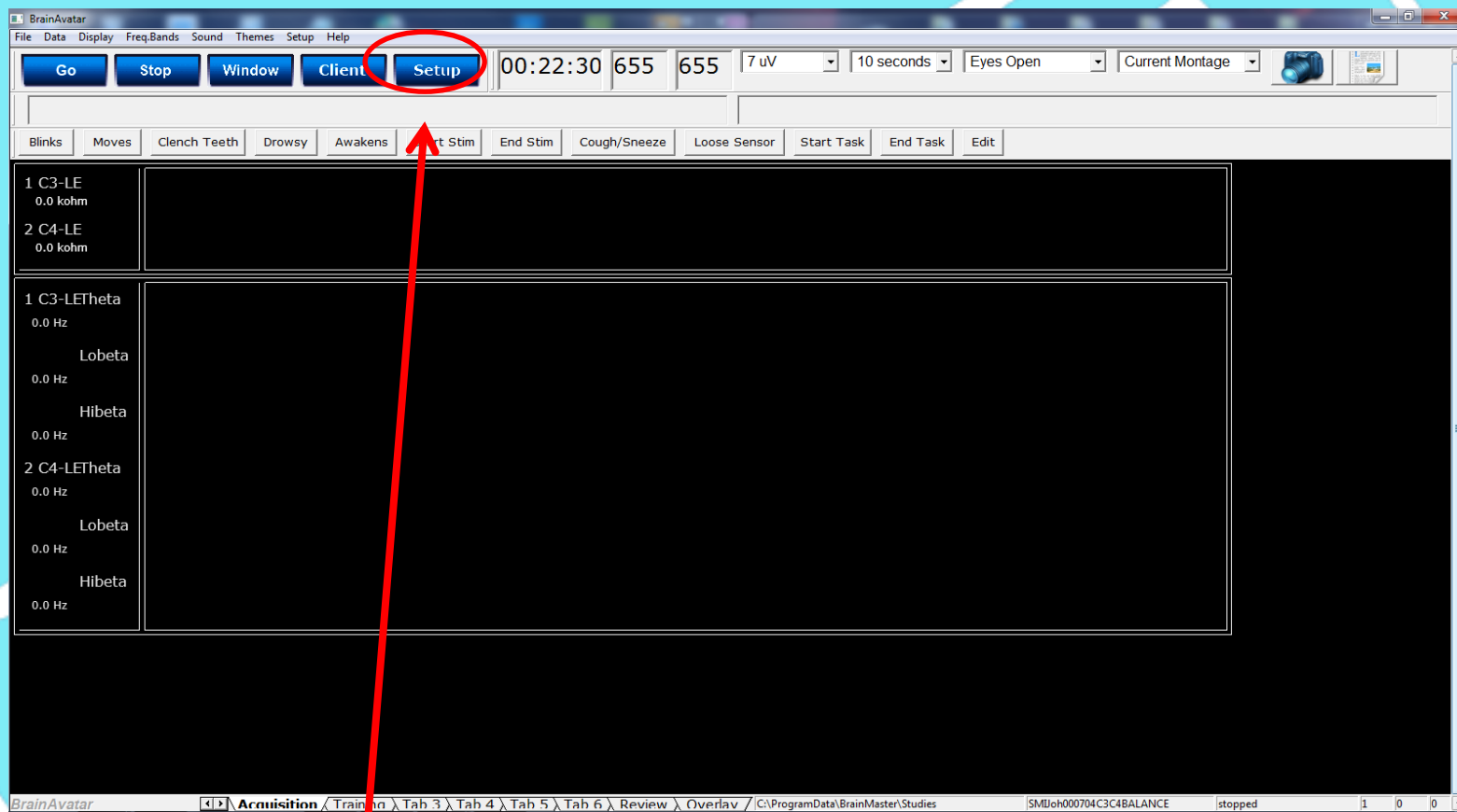
- The original Balance Level 1 setting is imported into the Client’s Study and is now ready for modification.

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# BALANCE

The Protocol is now ready for Modification

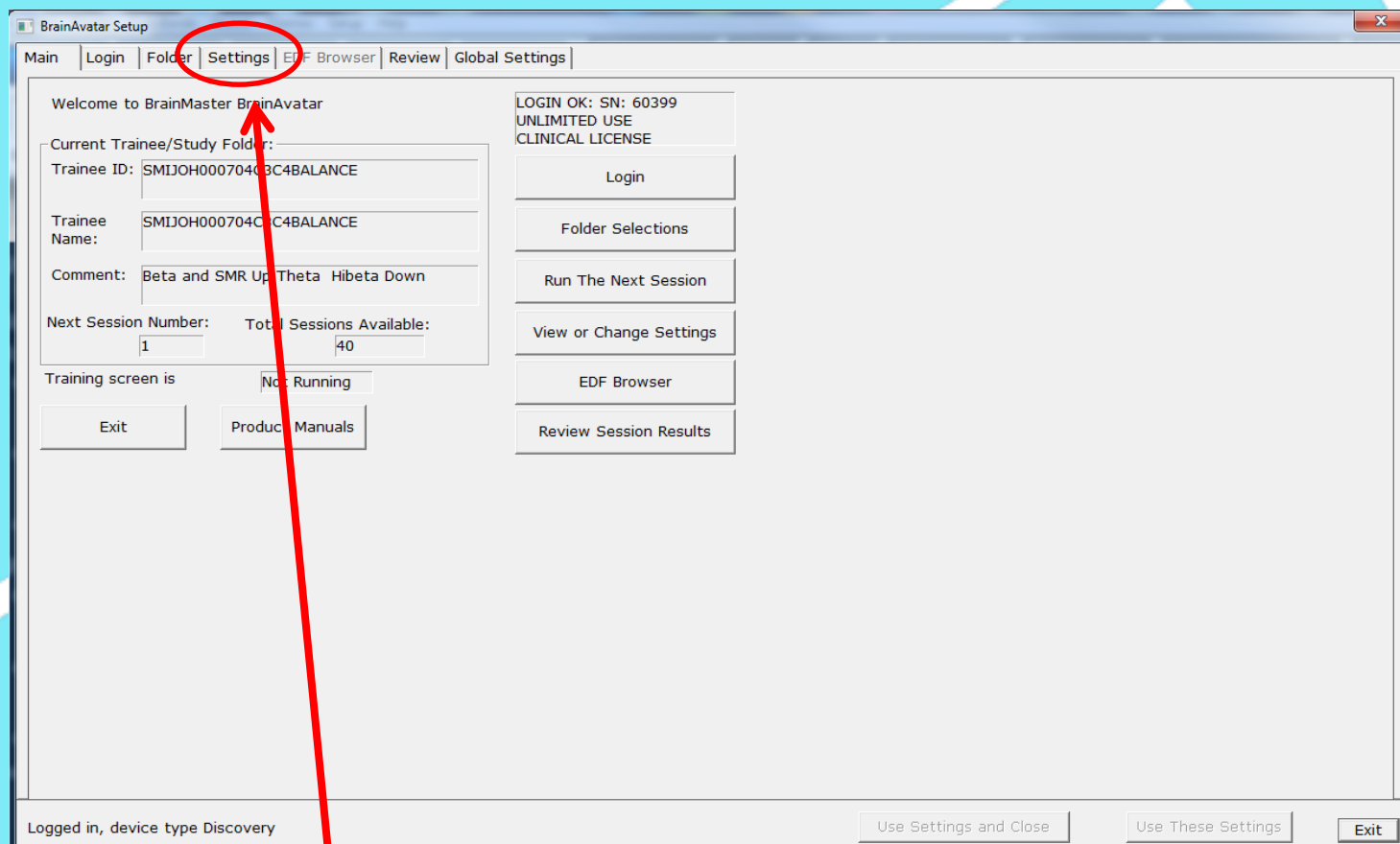


- Click “Setup”.

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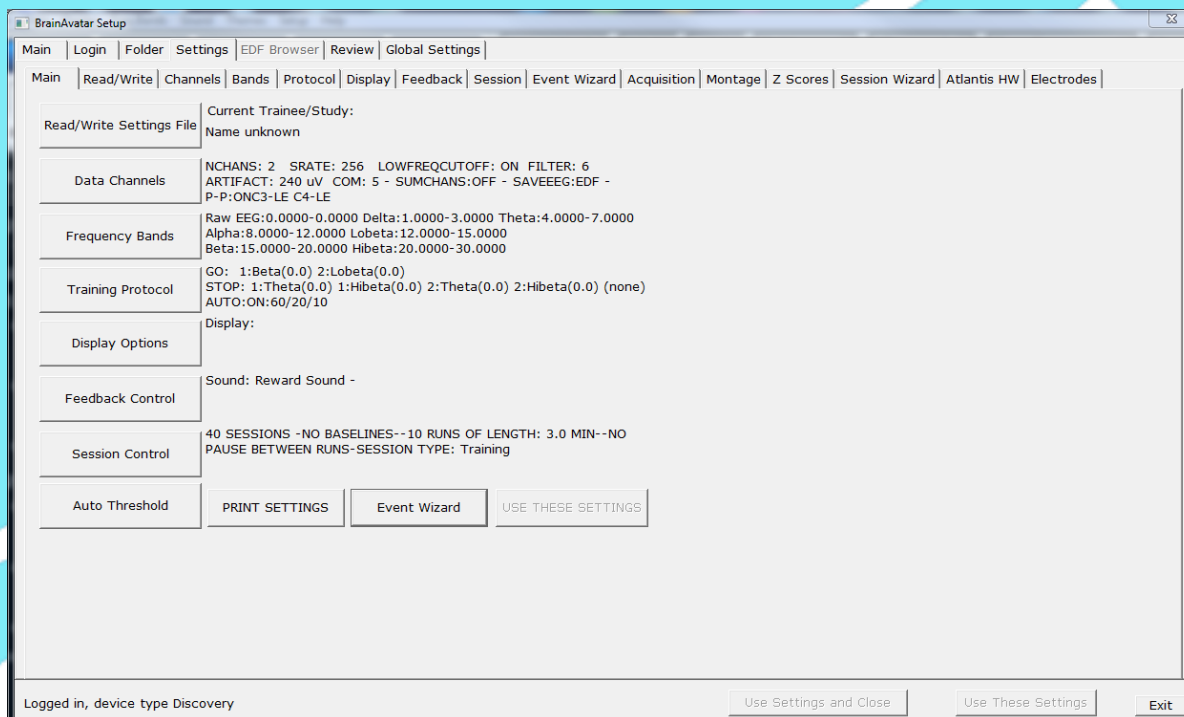


- Click “Settings”.

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# BALANCE

The Protocol is now ready for Modification

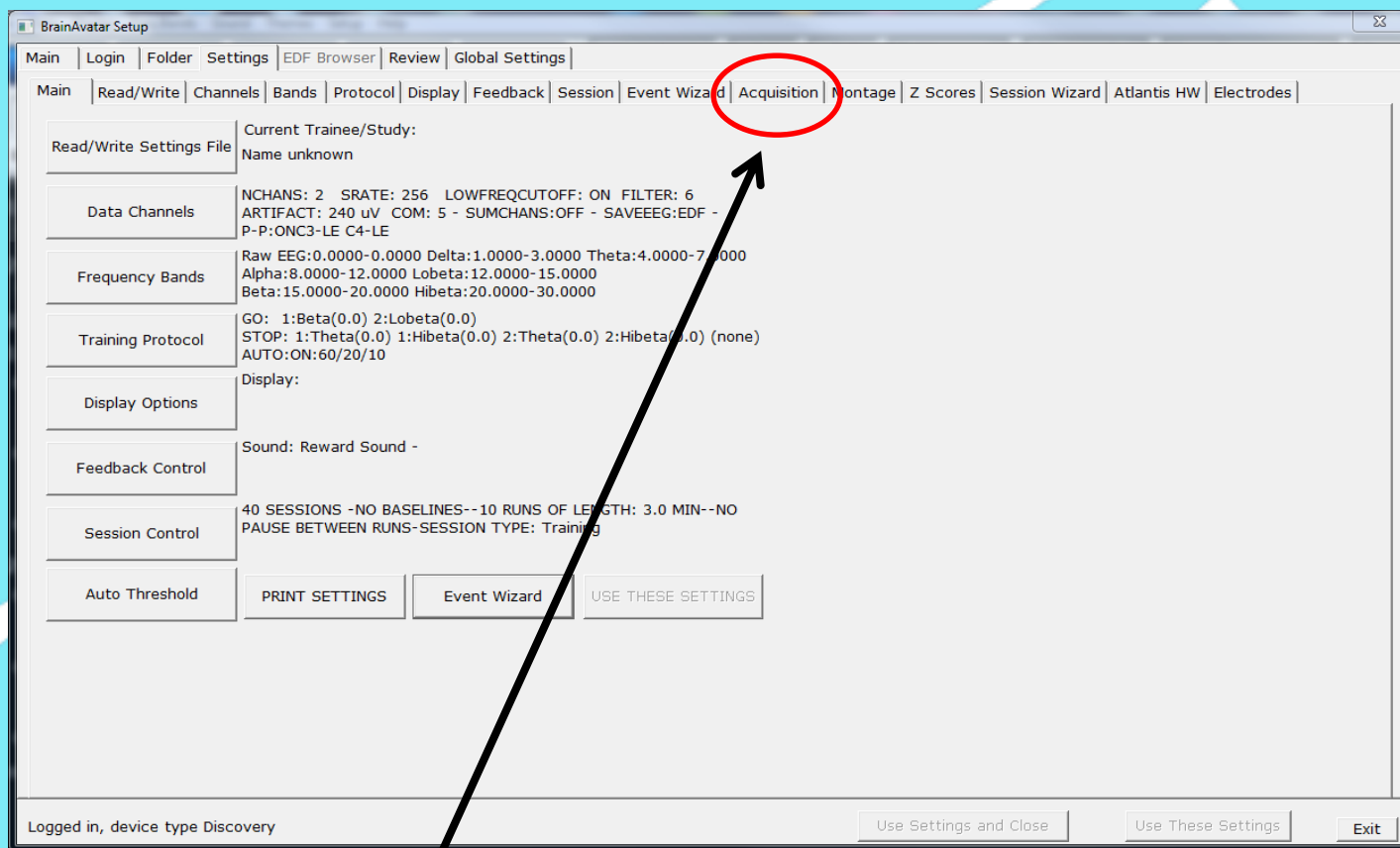


YOU ARE NOW ABOUT TO ENTER THE “BRAIN CENTER” OF THE BRAINAVATAR PROGRAM. ANY HAPHAZARD MODIFICATIONS HERE WITHOUT KNOWLEDGE MAY CAUSE UNPREDICTABLE RESULTS. THIS INSTRUCTION MANUAL WILL GIVE YOU THE PROPER KNOWLEDGE TO ALTER THESE CONTROL SCREENS WITHOUT CONCERN. AGAIN, YOU CAN ALWAYS INSTALL THE ORIGINAL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

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# BALANCE

The Protocol is now ready for Modification

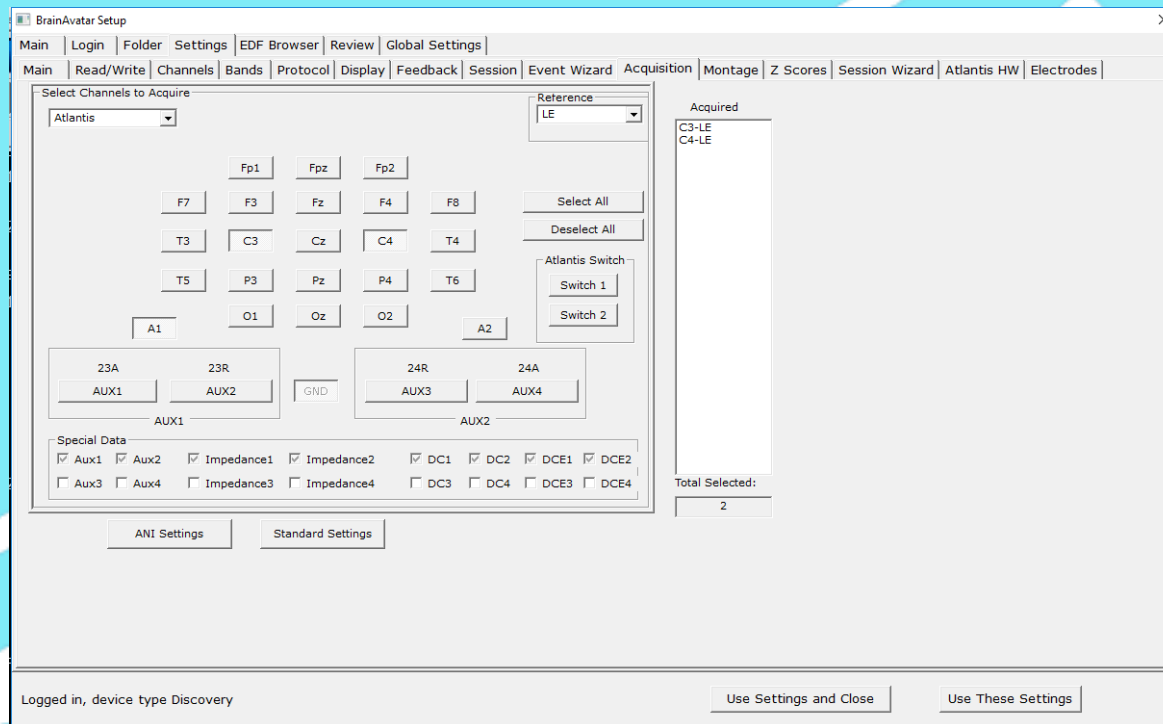


Click "Acquisition".

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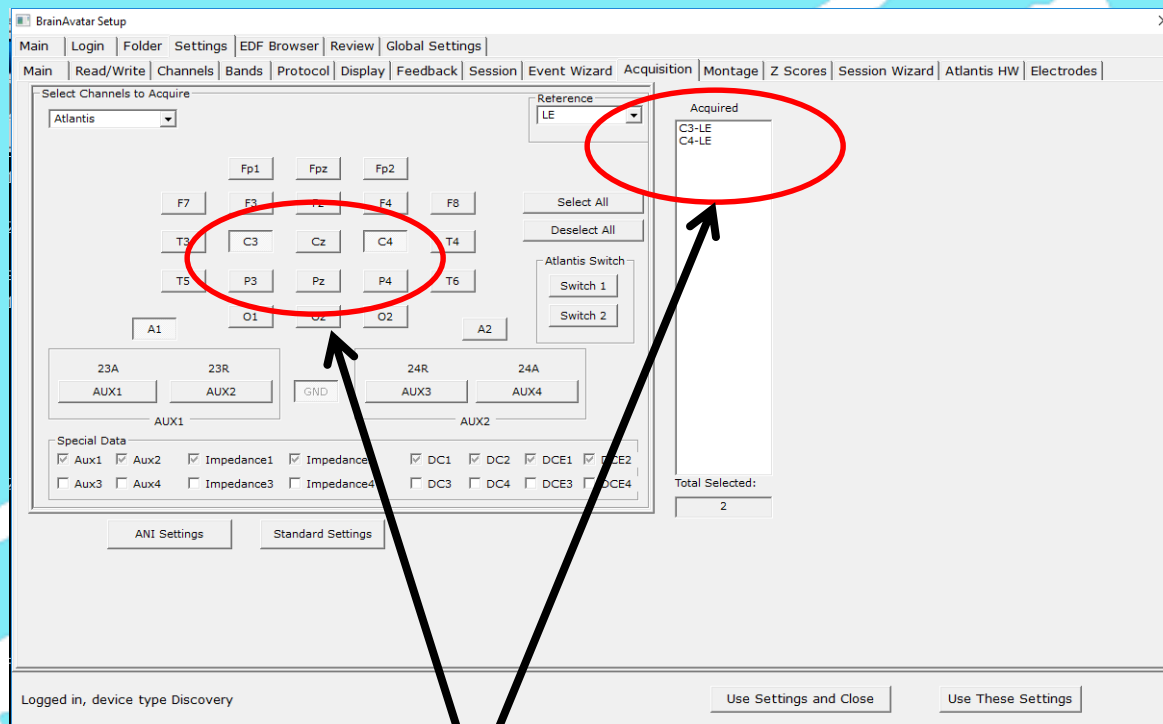
This is the Acquisition Screen where electrode or cap positions are chosen. The selections relate the locations where you plug electrodes into the Discovery Amplifier with the BrainAvatar Software.

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The Protocol is now ready for Modification

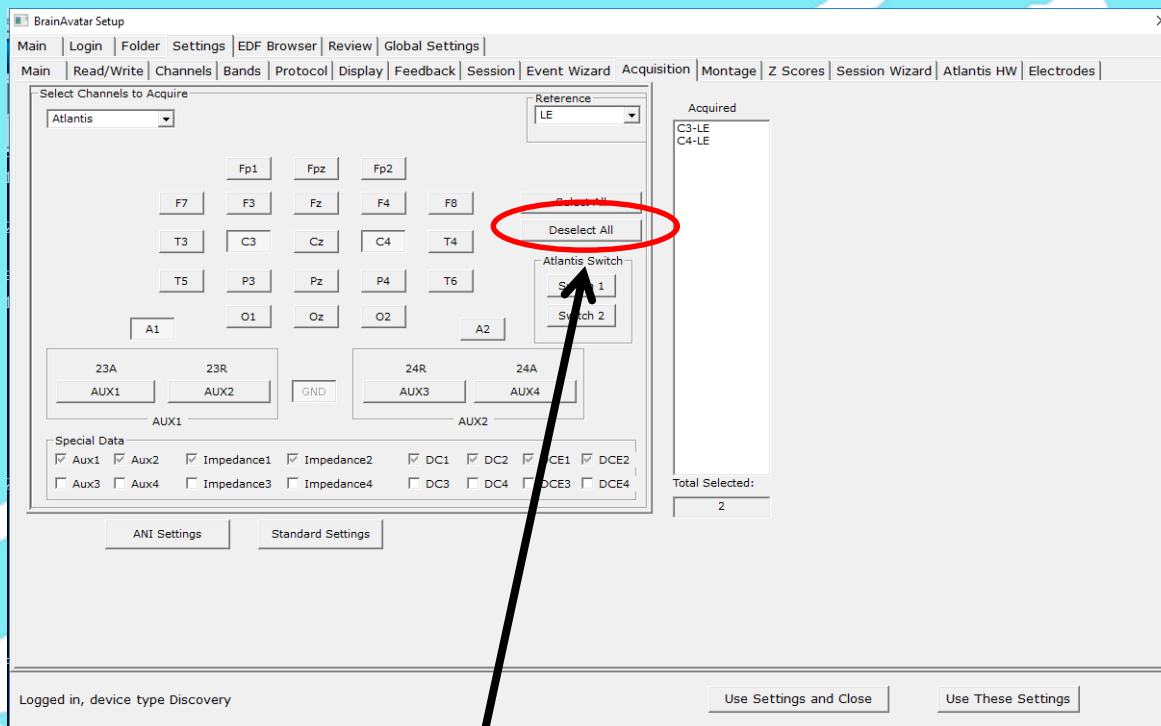


As you can see the electrode placements (C3 and C4) from the original Balance Level 1 settings are selected.

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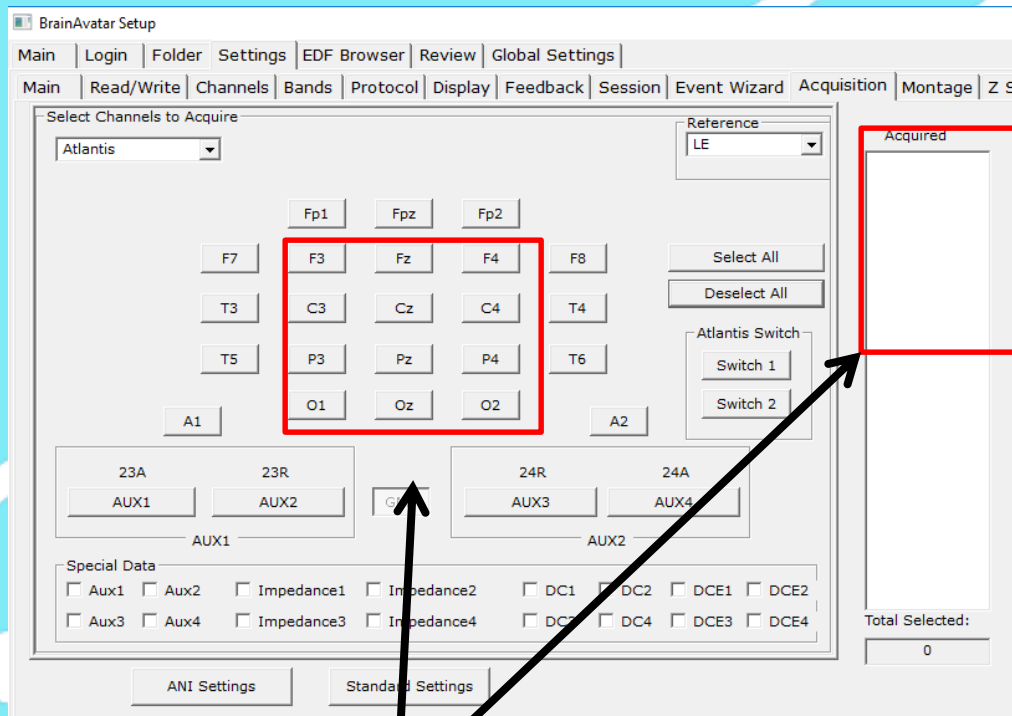


Click “Deselect All” to reset the software to a place where no electrodes or the electrode cap are selected.

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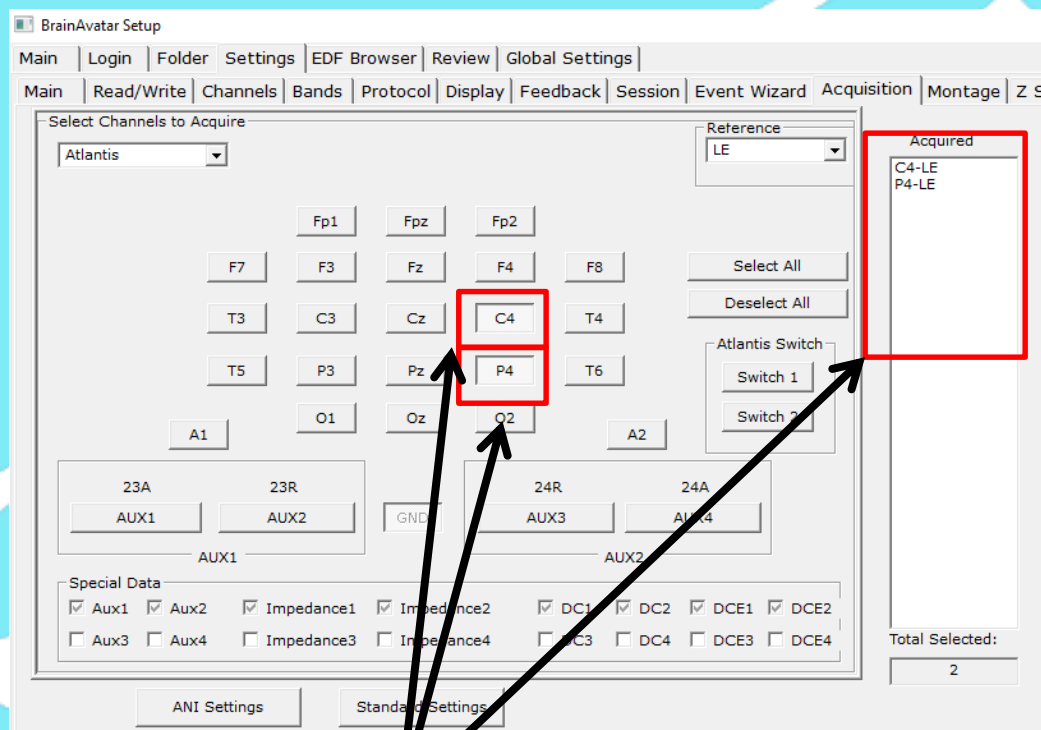


Notice, no electrodes are selected and the screen is ready to accept your new electrode placements.

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The Protocol is now ready for Modification

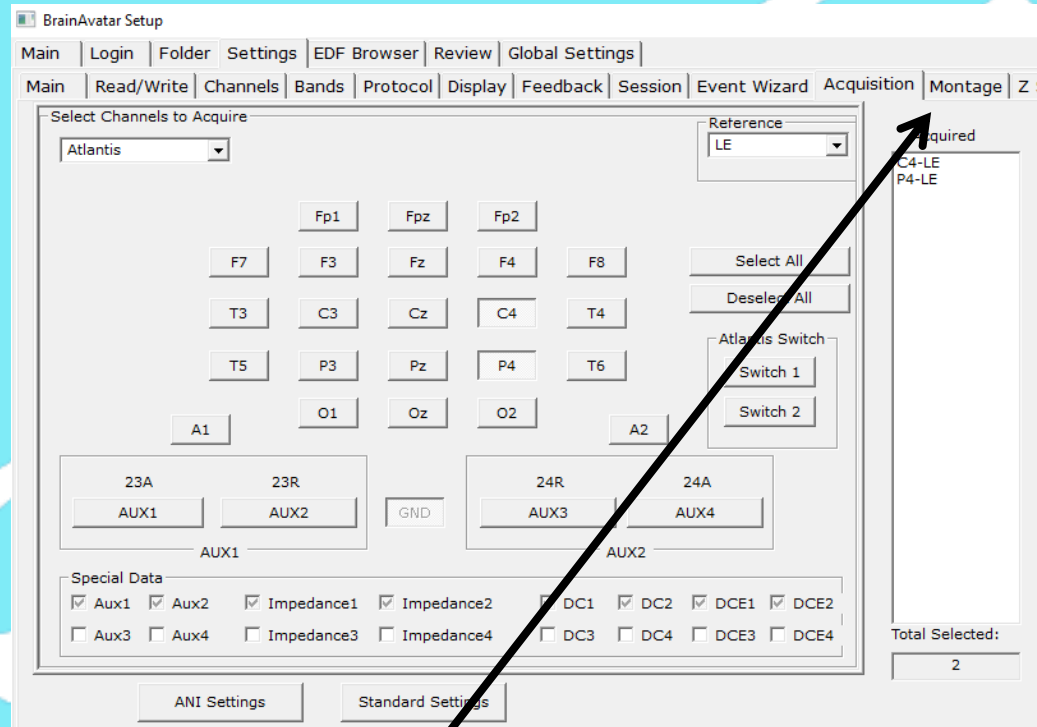


Select the electrode placements “C4 and P4” in the main screen. Notice this choice has populated the Acquired section of the Acquisition Screen.

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The Protocol is now ready for Modification



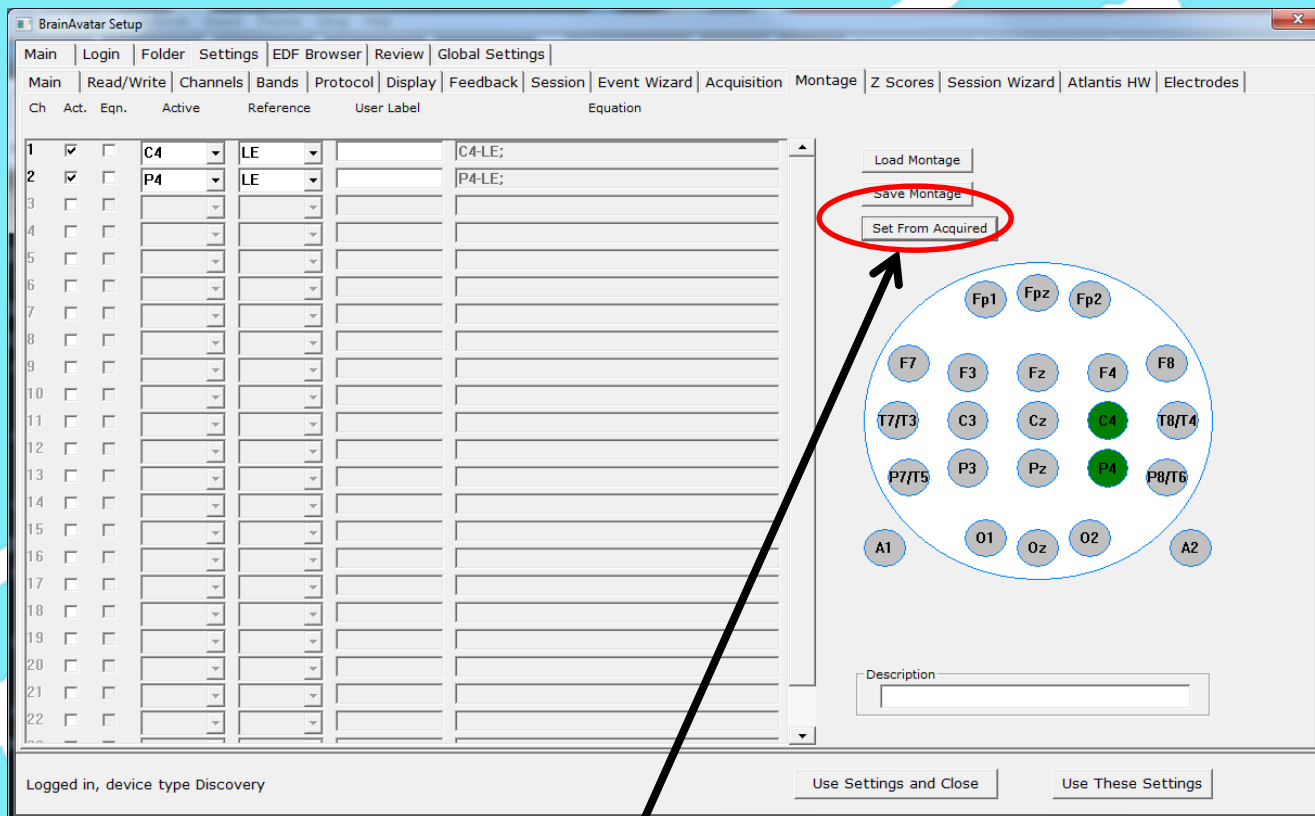
We are now ready to move to the next screen, the “Montage” Screen.

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# BALANCE

The Protocol is now ready for Modification

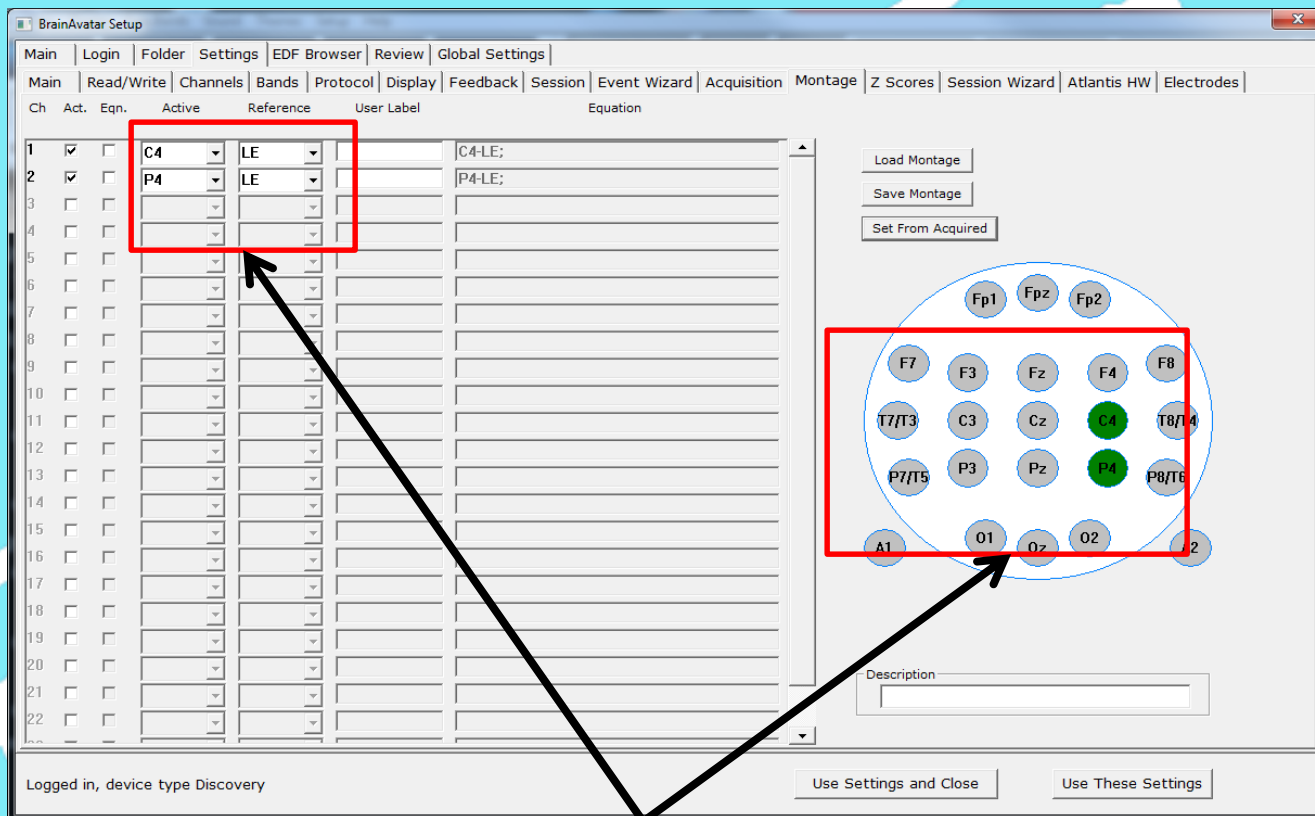


Notice the previous electrode listing remained on this screen. To change this click “Set From Acquired”.

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The Protocol is now ready for Modification

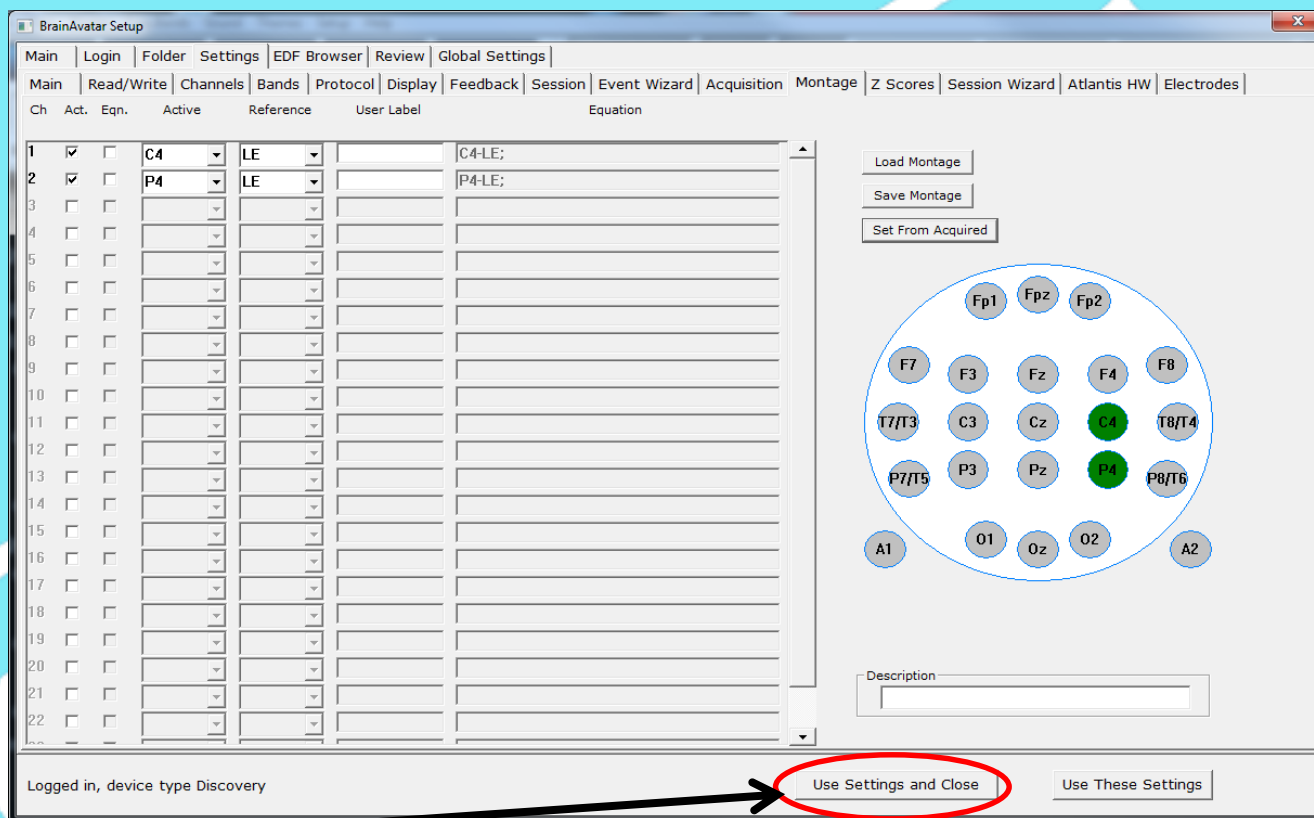


Notice, now, the montage is properly populated with the electrode placements chosen.

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The Protocol is now ready for Modification



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

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The Protocol is now ready for Modification

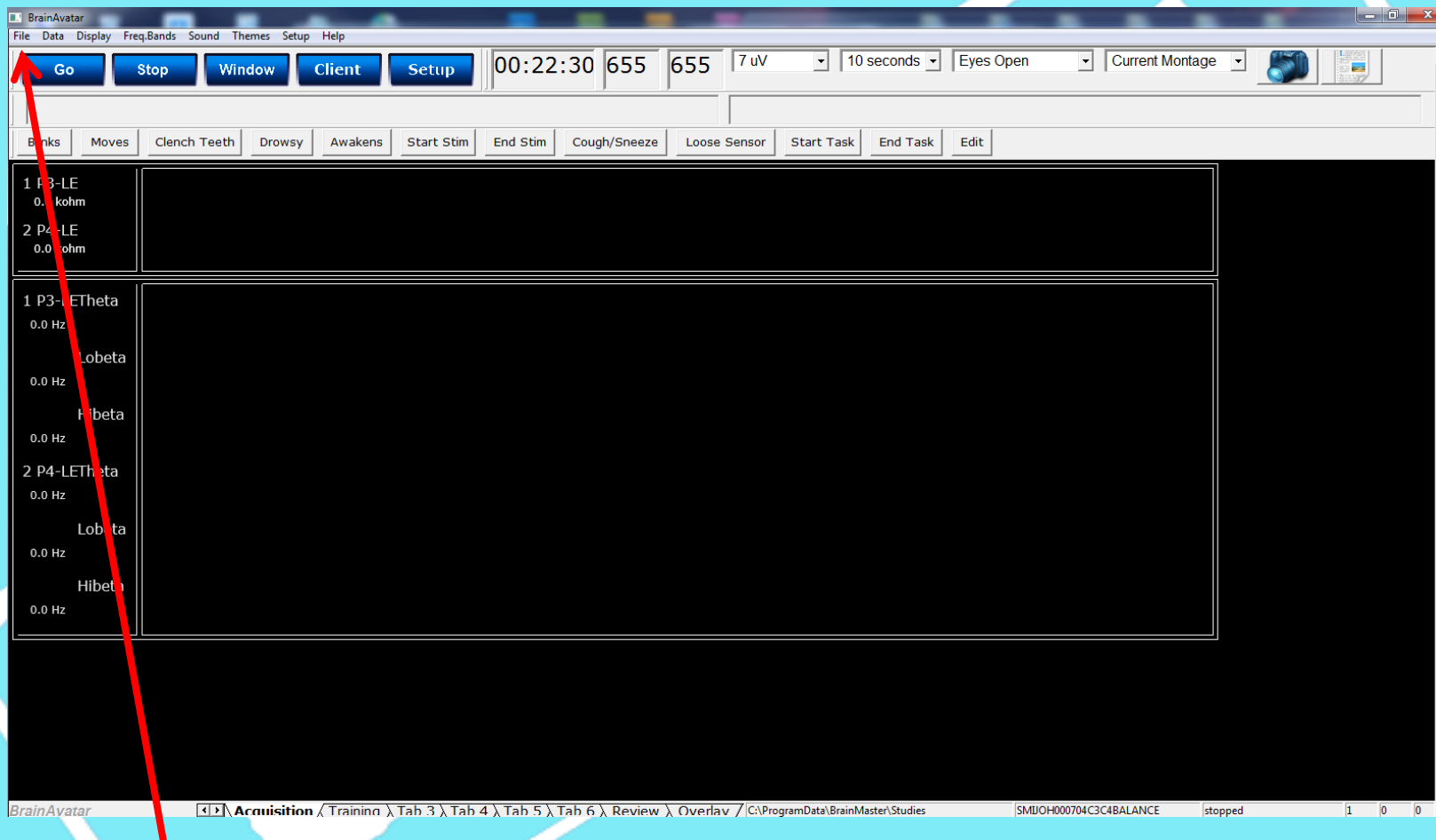


You can now see that the electrode placements and the montage have been changed. However, we are not done yet. If desired, We may now save this modification as a new settings file.

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The Protocol is now ready for Modification



Click "File".

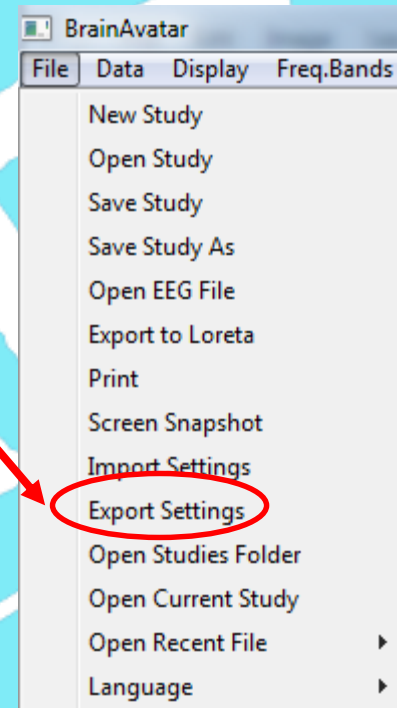
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## Level 2

Next click “Export Settings”.

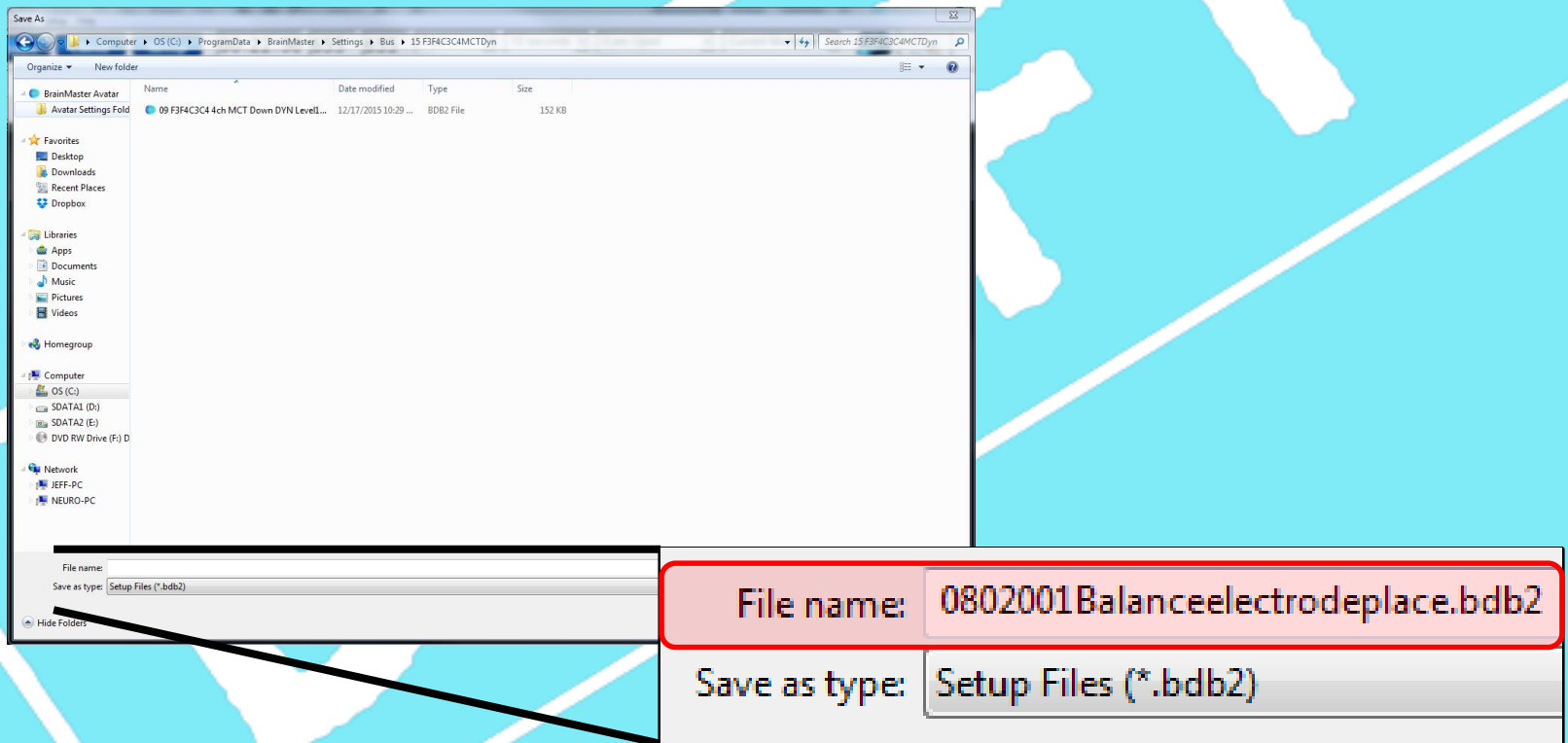


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## Level 2

Find the folder where you keep these settings and name the file properly in the “File Name:” window.

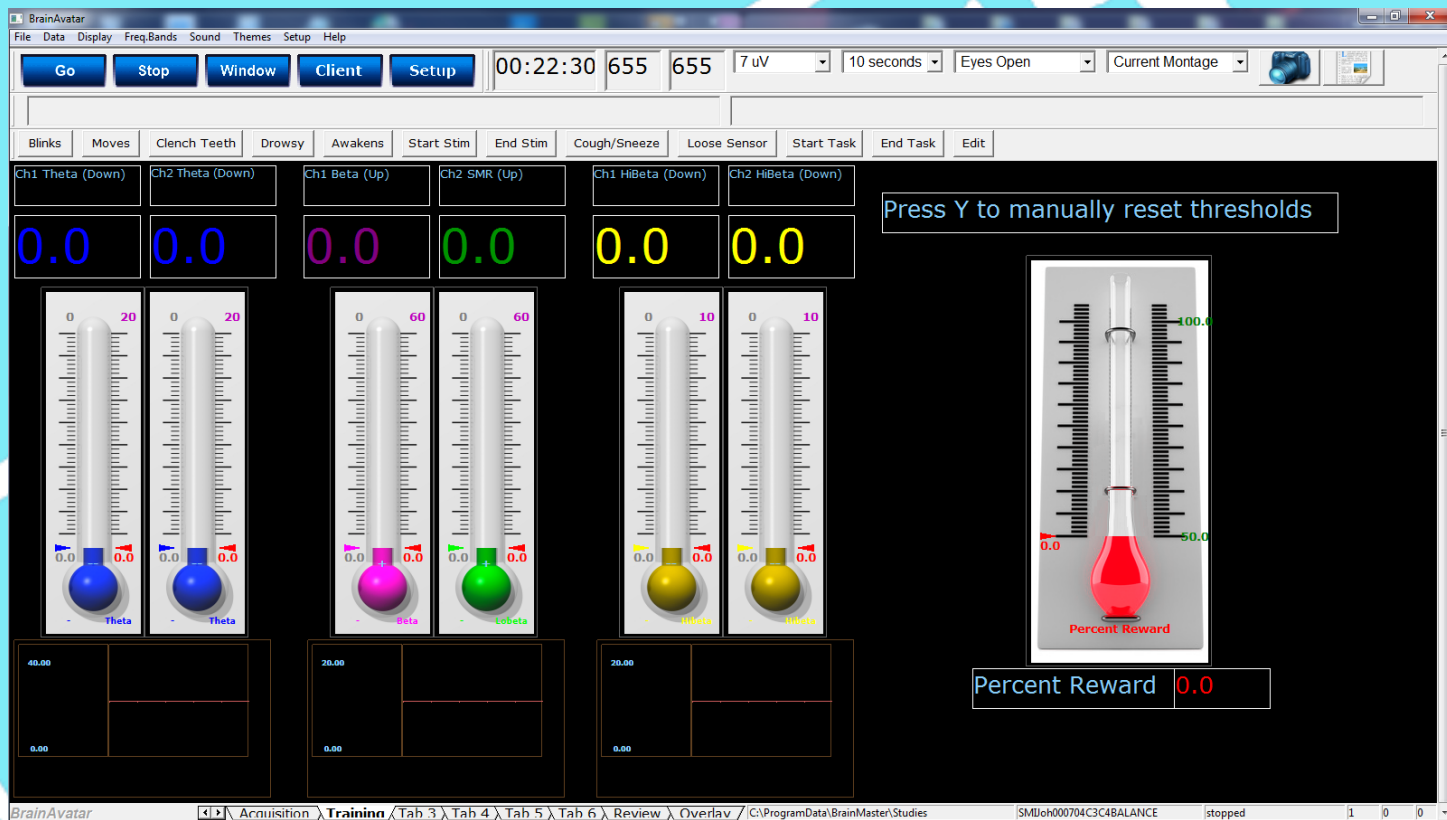


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## Level 2

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



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