

Power Point Manual

Get On The
BUS



BrainMaster
Universe
Simplified



“Deep”
level 2

Deep

Level 2

- How can I modify the Deep 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.

DEEP

Level 2

- The Level 1 Base Setting for the Deep Protocol included the electrode placement of Pz to train up theta and alpha.
- Perhaps the specification for this client is to train up theta and alpha at P4 rather than Pz.
- Lets learn how to change the electrode placement.

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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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DEEP

Level 2

Lets Begin

- Make Sure the Atlantis Amplifier is plugged in.

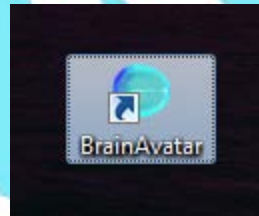


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DEEP

Level 2

- Open BrainAvatar by double-clicking the BrainAvatar Icon

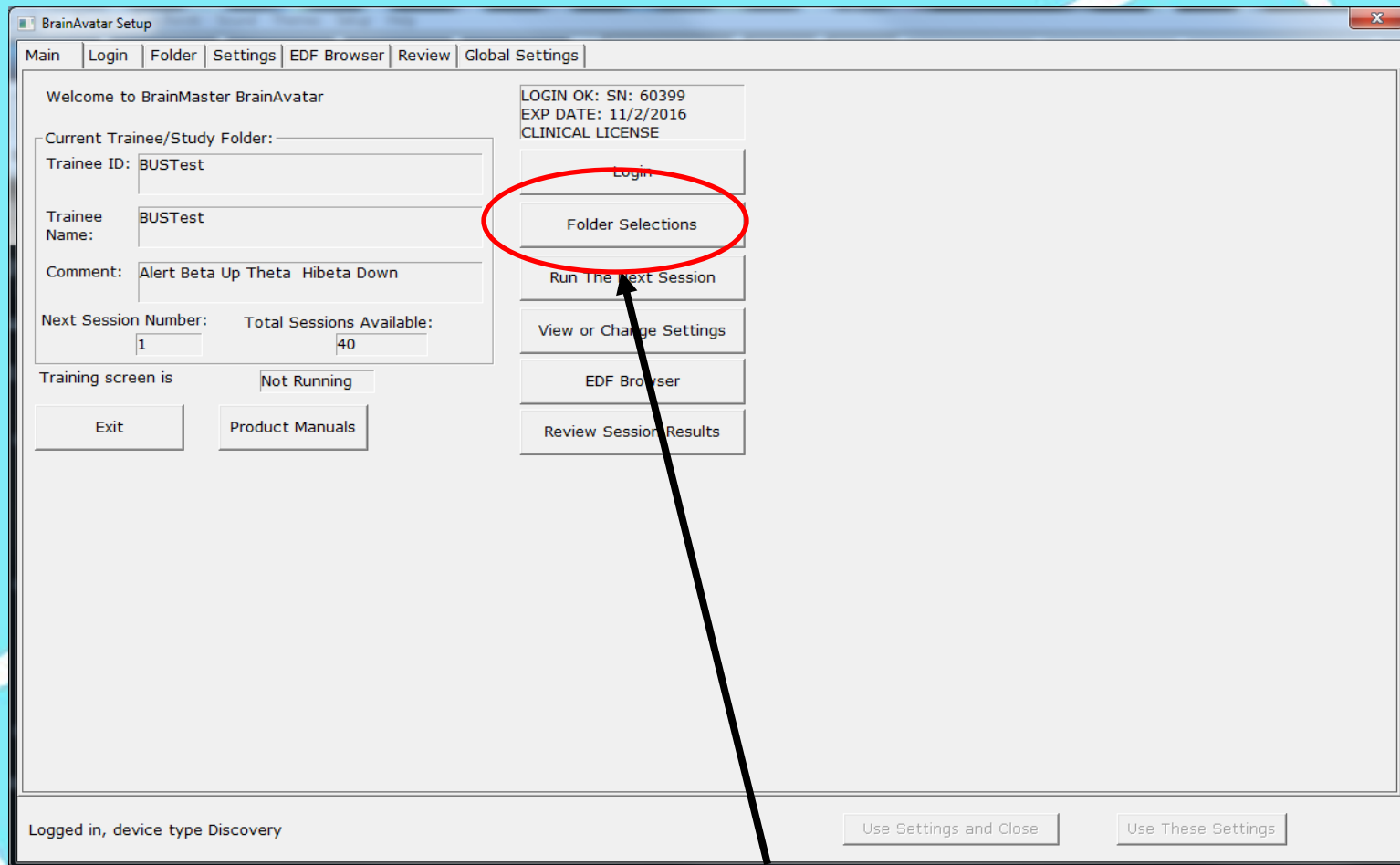


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- The Select Folder Screen will appear.
- By now you should know how to either create a new client folder or recall an existing client folder.
- For the purposes of this exercise let's open and utilize the "BUSTest" Folder which may already be resident 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

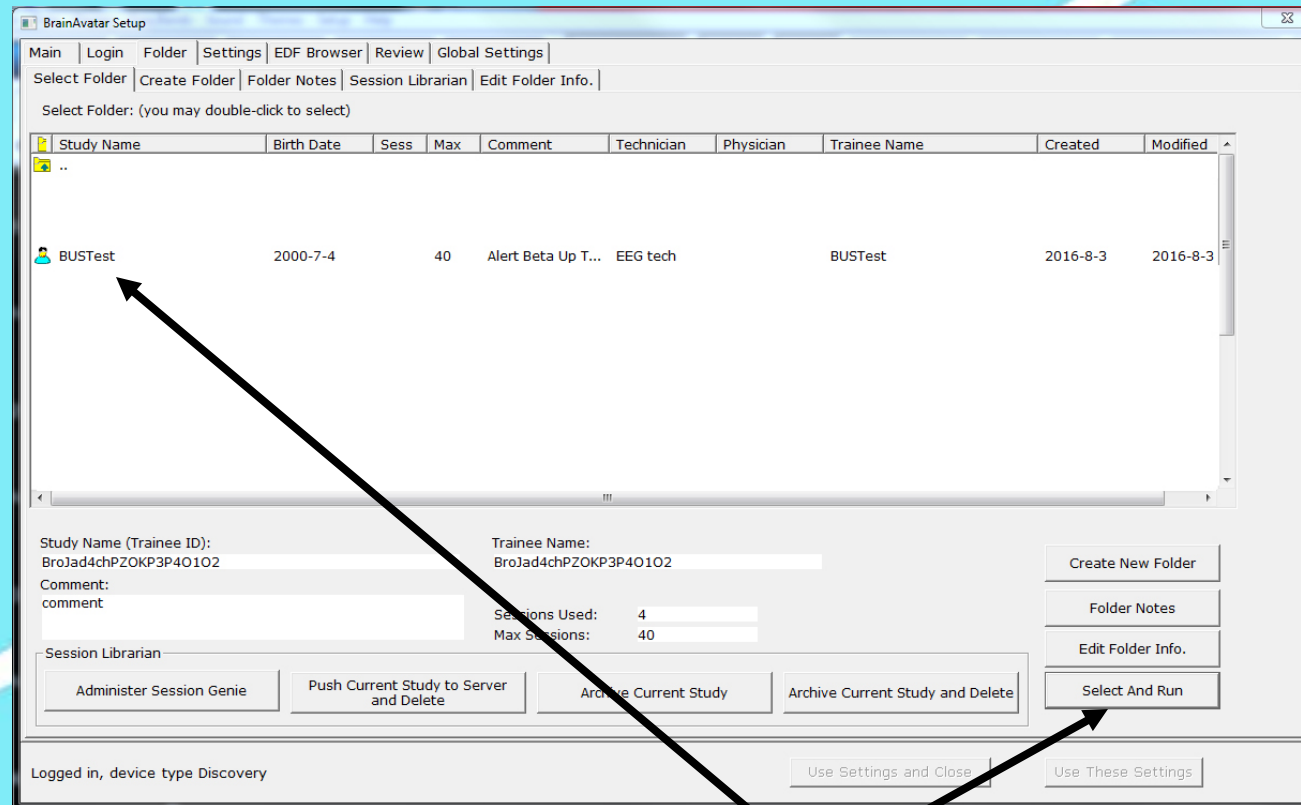
Create New Folder | Folder Notes | Edit Folder Info. | Select And Run

Logged in, device type Discovery

Use Settings and Close | Use These Settings

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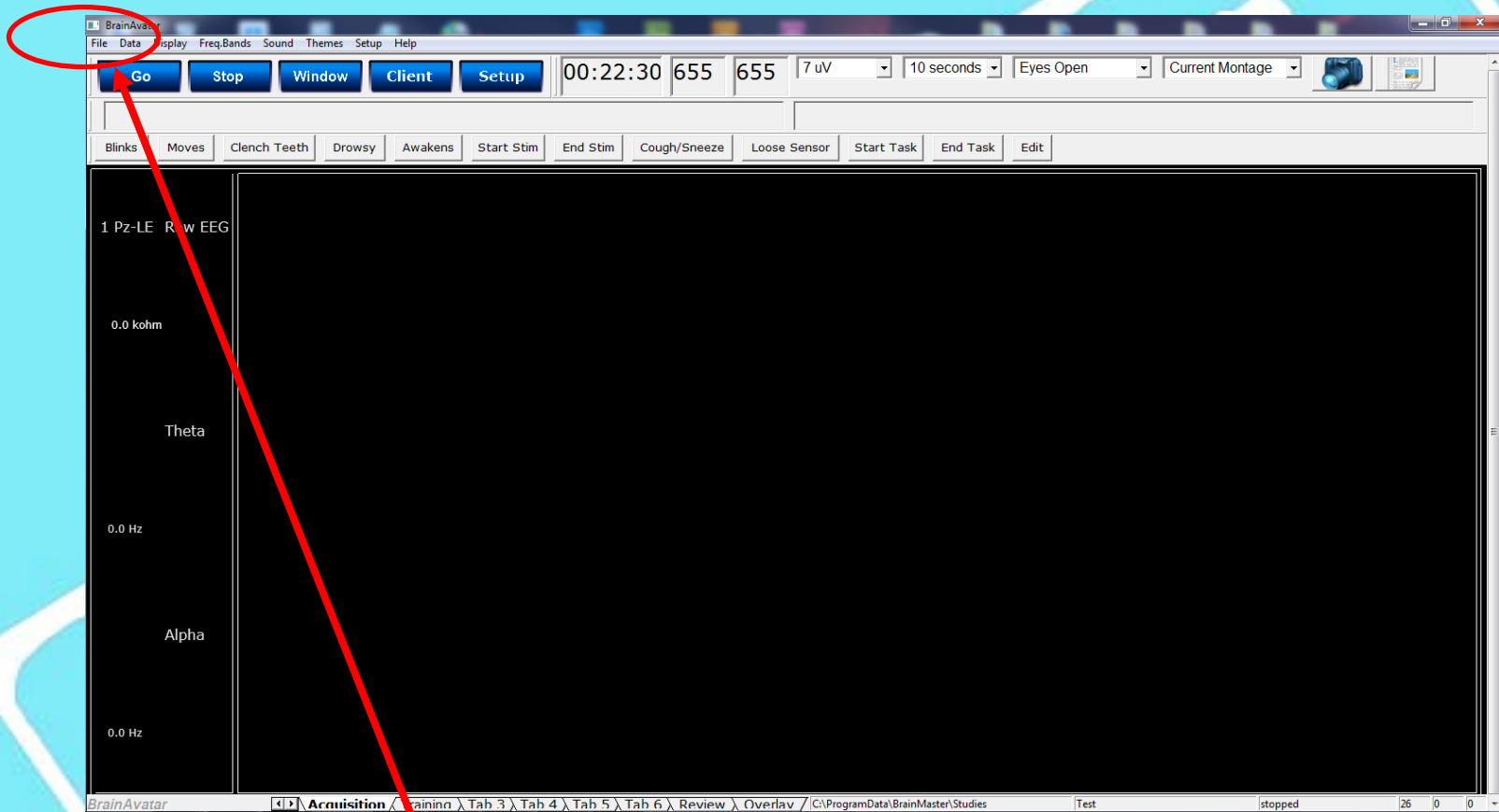
- The Select Folder Screen will appear.



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

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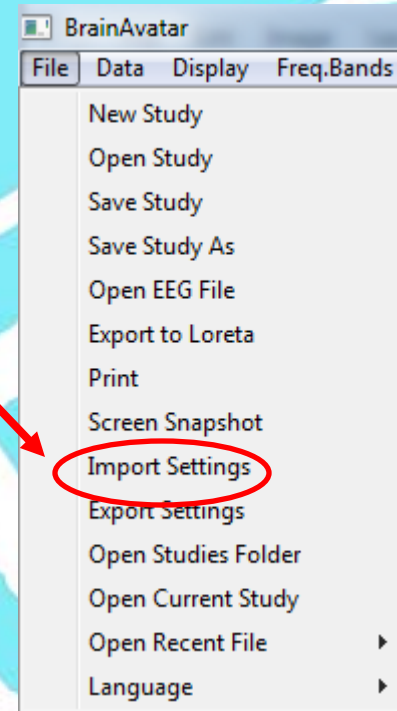
- The BrainAvatar Acquisition Screen is illuminated. The original DEEP Level 1 Setting File should be loaded.




- However, if it is not then click “File” from the Main Menu at the top.

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- Next click “Import Settings”.



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

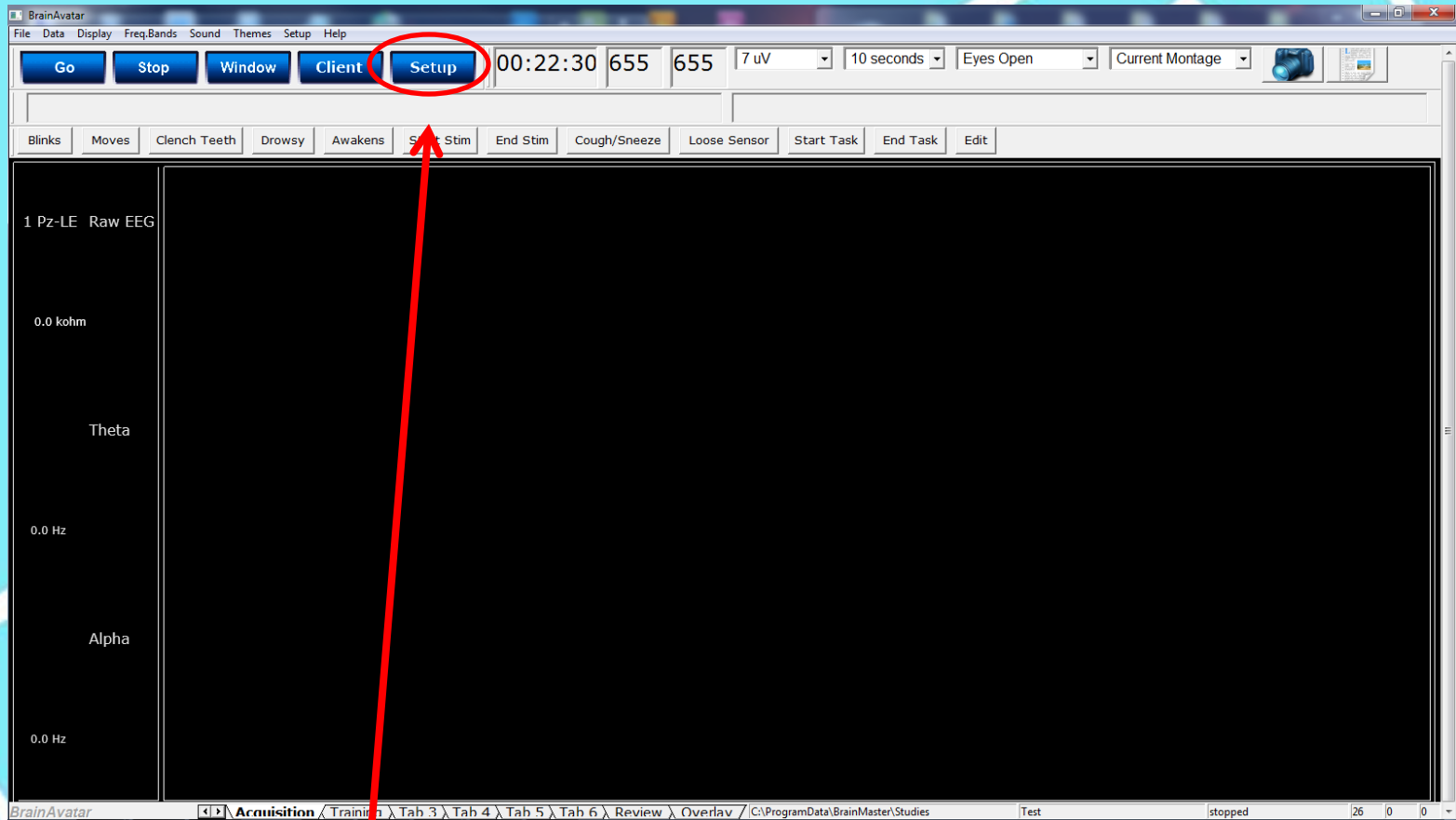
Name	Date modified	Type	Size
 0301001DeepLevel001.bdb2	11/16/2015 6:53 PM	BDB2 File	136 KB

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

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DEEP

The Protocol is now ready for Modification

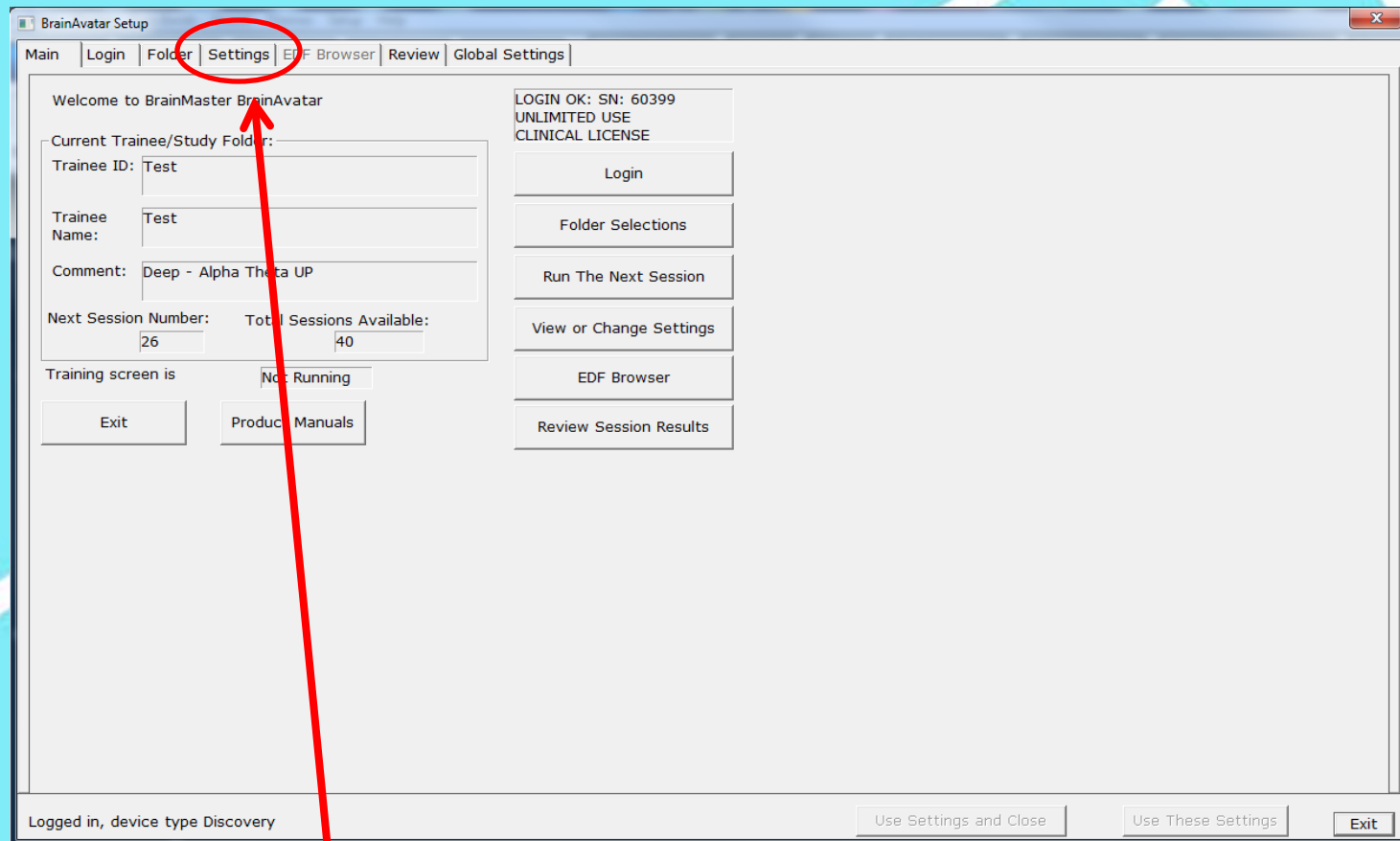


- Click “Setup”.

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DEEP

The Protocol is now ready for Modification

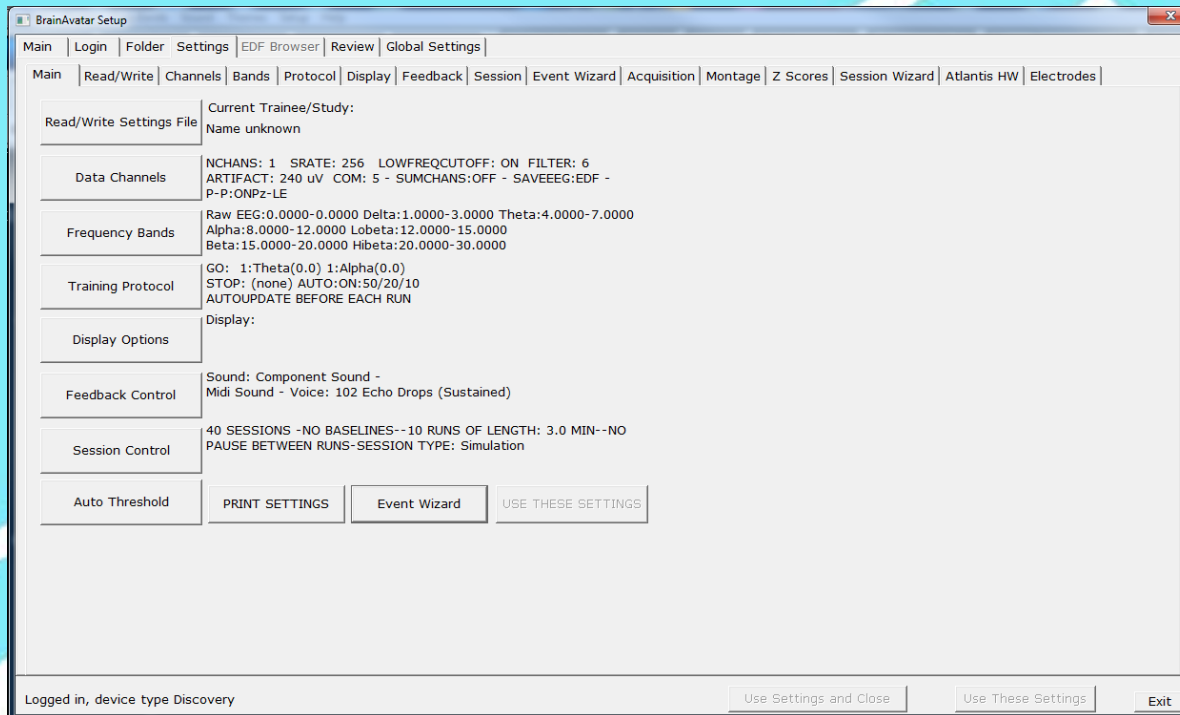


- Click “Settings”.

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DEEP

The Protocol is now ready for Modification

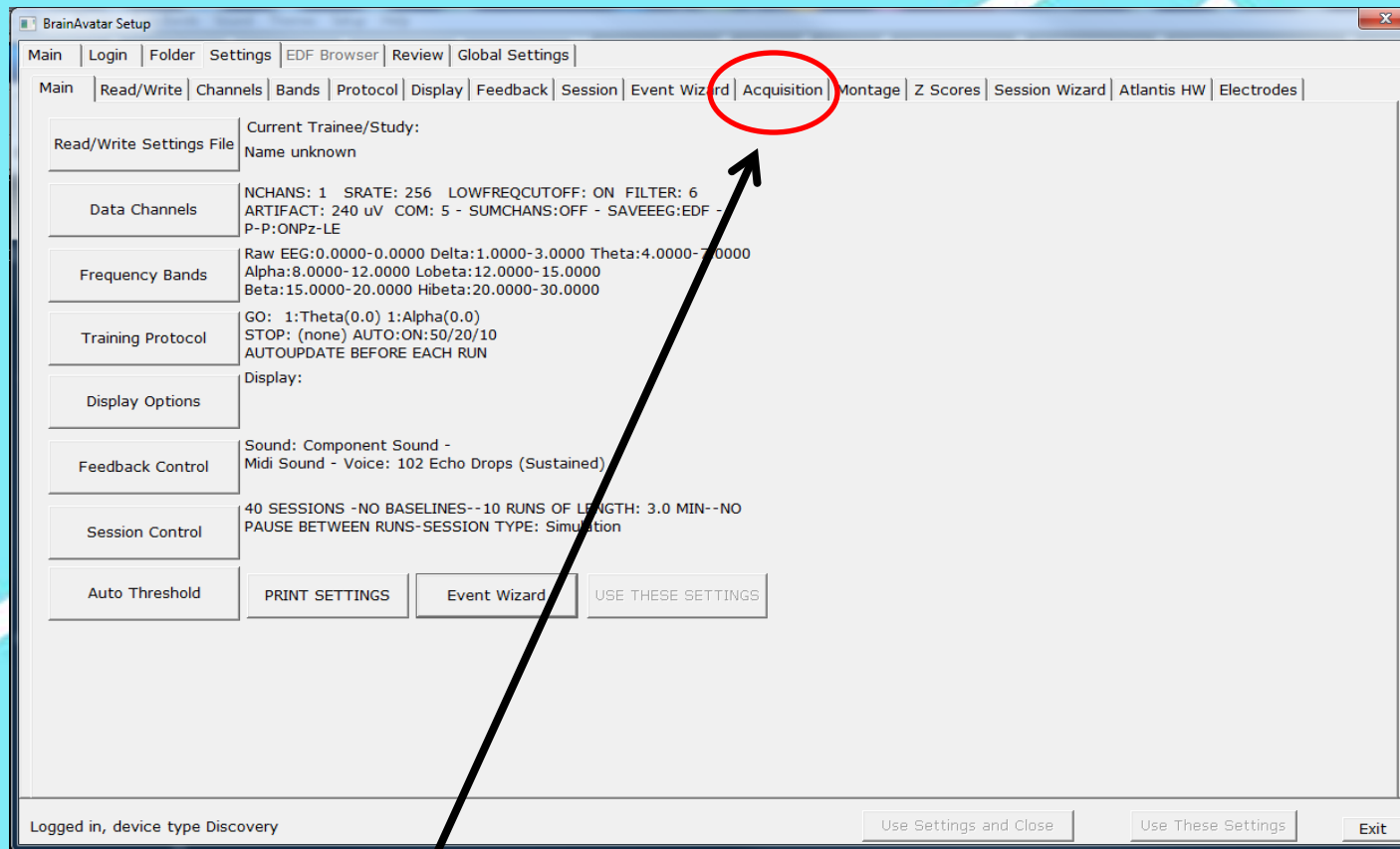


YOU ARE NOW ABOUT TO ENTER THE “BRAIN CENTER” OF THE BRAINAVATAR PROGRAM. ANY HAPHAZARD MODIFICATIONS HERE WITHOUT KNOWLEDGE MAY CAUSE UNPREDICTABLE RESULTS. THIS INSTRUCTION MANUAL WILL GIVE YOU THE PROPER KNOWLEDGE TO ALTER THESE CONTROL SCREENS WITHOUT CONCERN. AGAIN, YOU CAN ALWAYS INSTALL THE ORIGINAL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

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DEEP

The Protocol is now ready for Modification

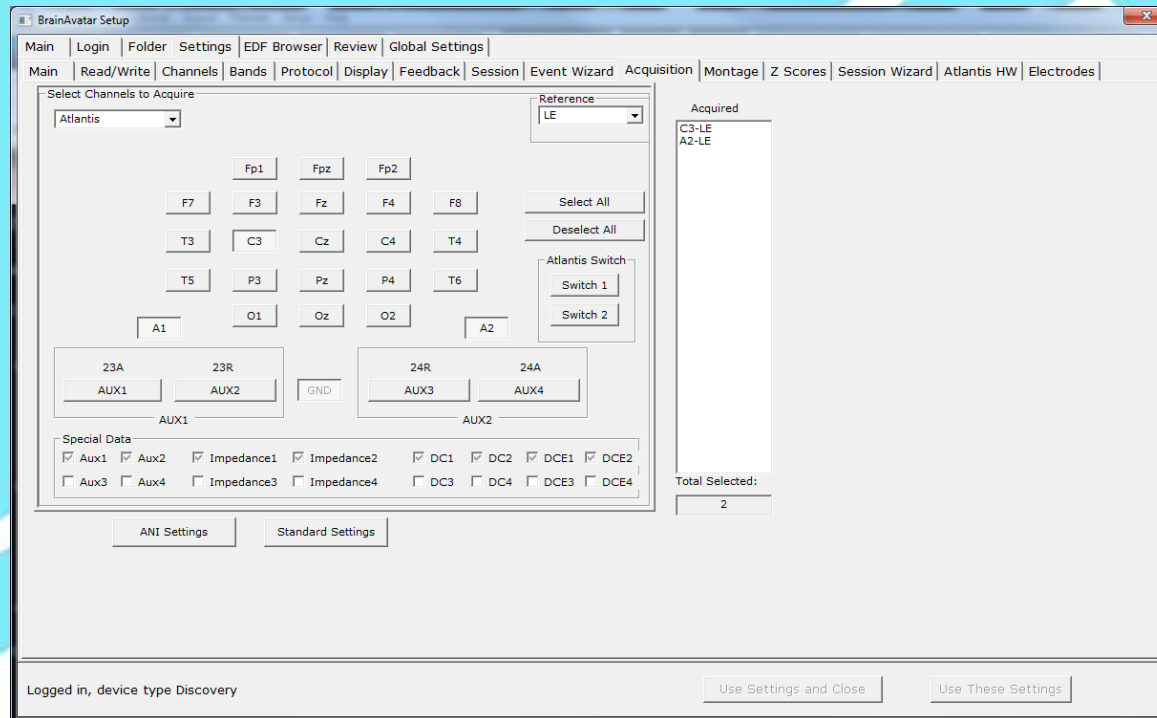


Click "Acquisition".

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DEEP

The Protocol is now ready for Modification

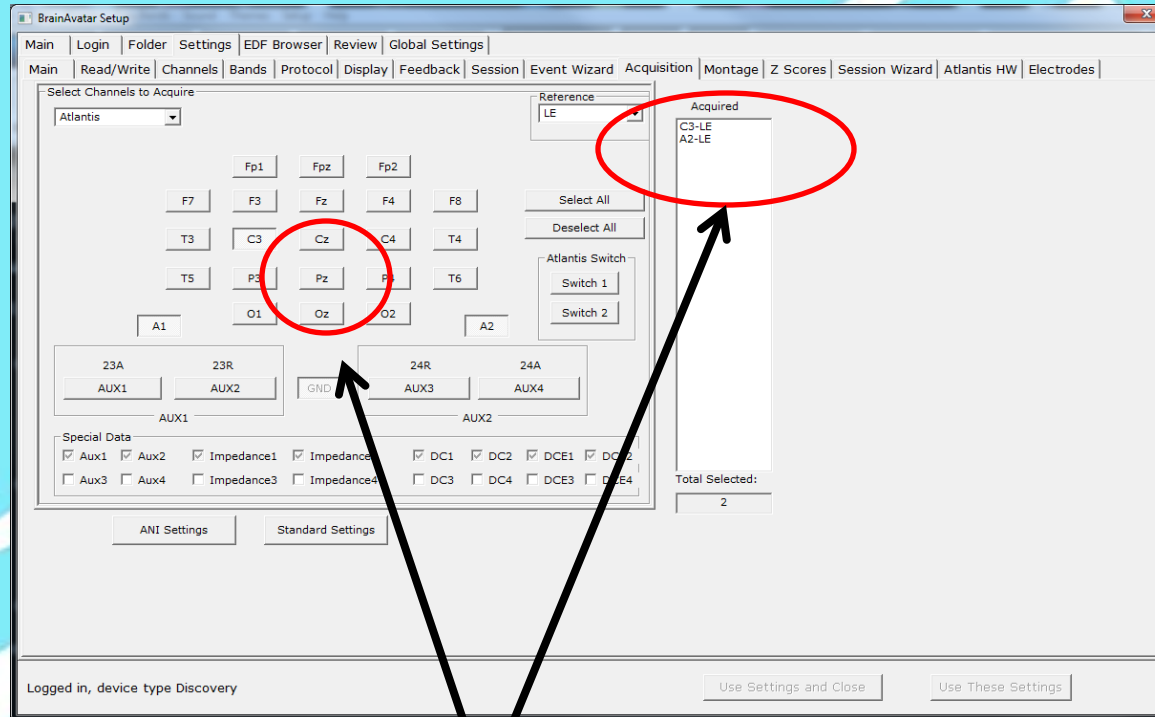


This is the Acquisition Screen where electrode or cap positions are chosen. The selections relate the locations where you plug electrodes into the Atlantis Amplifier with the BrainAvatar Software.

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DEEP

The Protocol is now ready for Modification

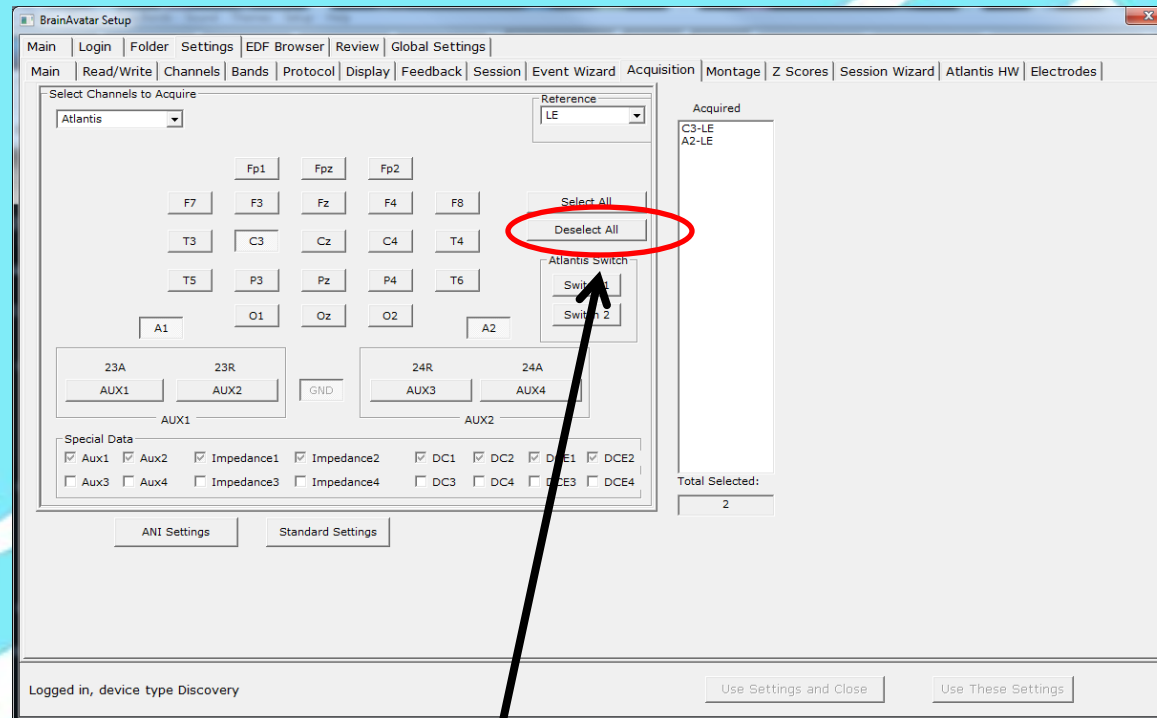


As you can see the electrode placement (Pz) from the original DEEP Level 1 setting is selected.

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DEEP

The Protocol is now ready for Modification

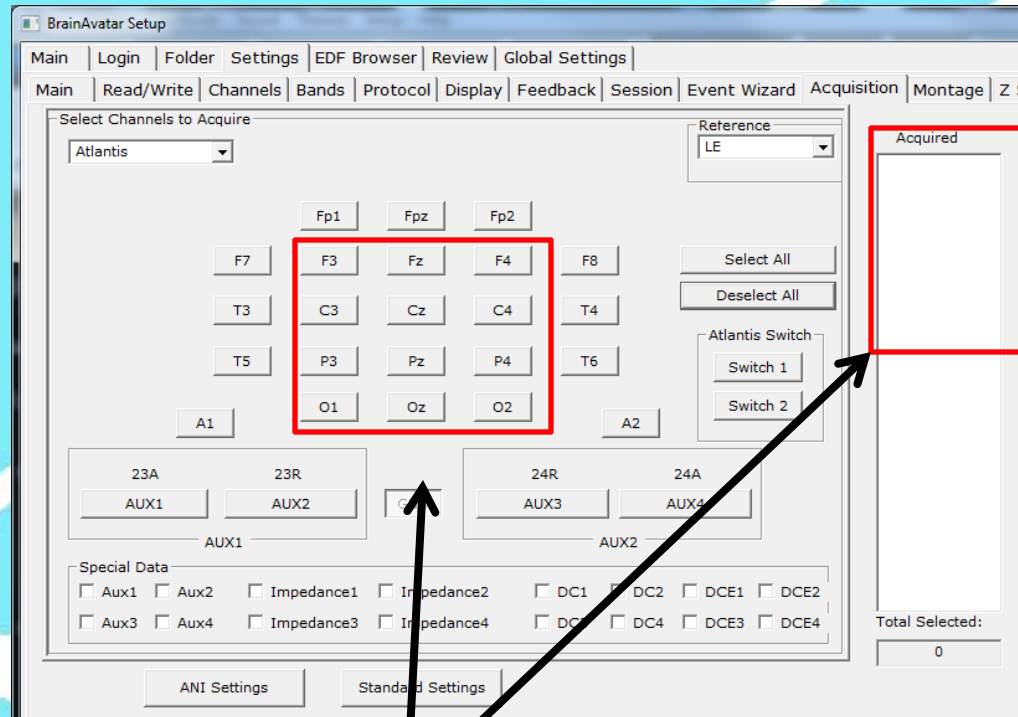


Click “Deselect All” to reset the software to a place where no electrodes or the electrode cap are selected.

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DEEP

The Protocol is now ready for Modification

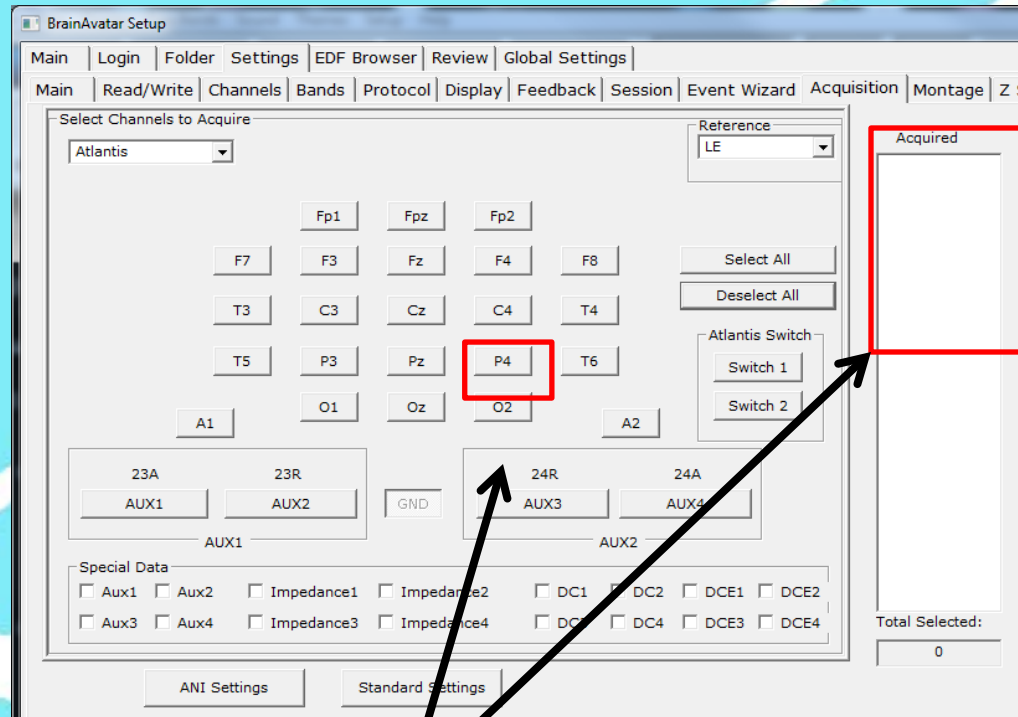


Notice, no electrodes are selected and the screen is ready to accept your new electrode placements.

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DEEP

The Protocol is now ready for Modification

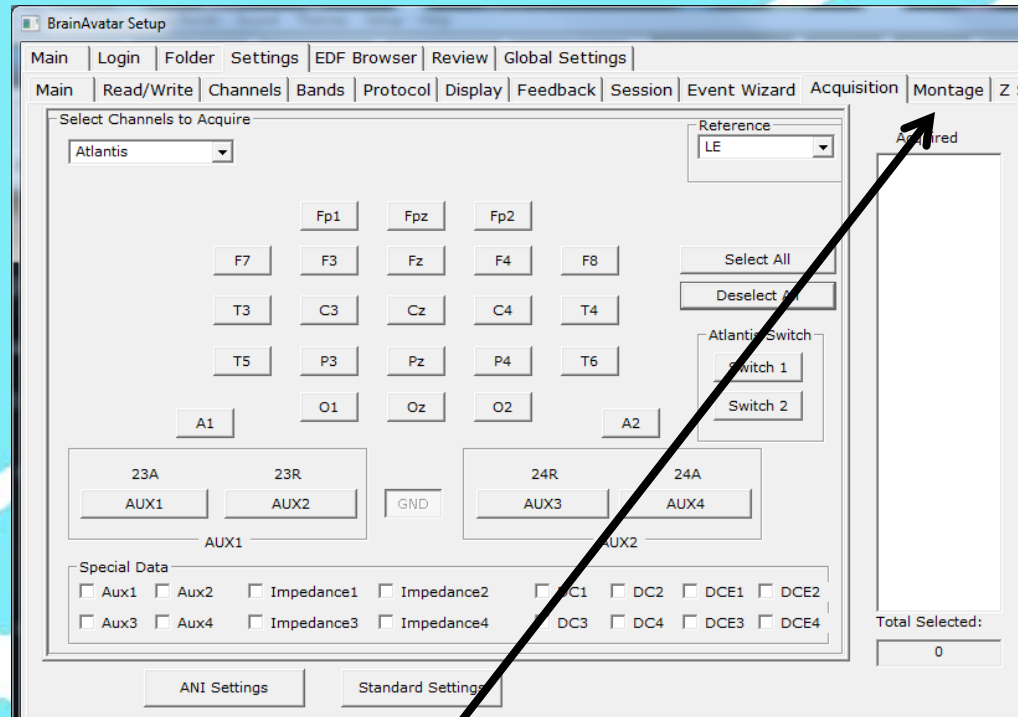


Select the electrode placements “P4” in the main screen. Notice this choice has populated the “Acquired” section of the Acquisition Screen.

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DEEP

The Protocol is now ready for Modification

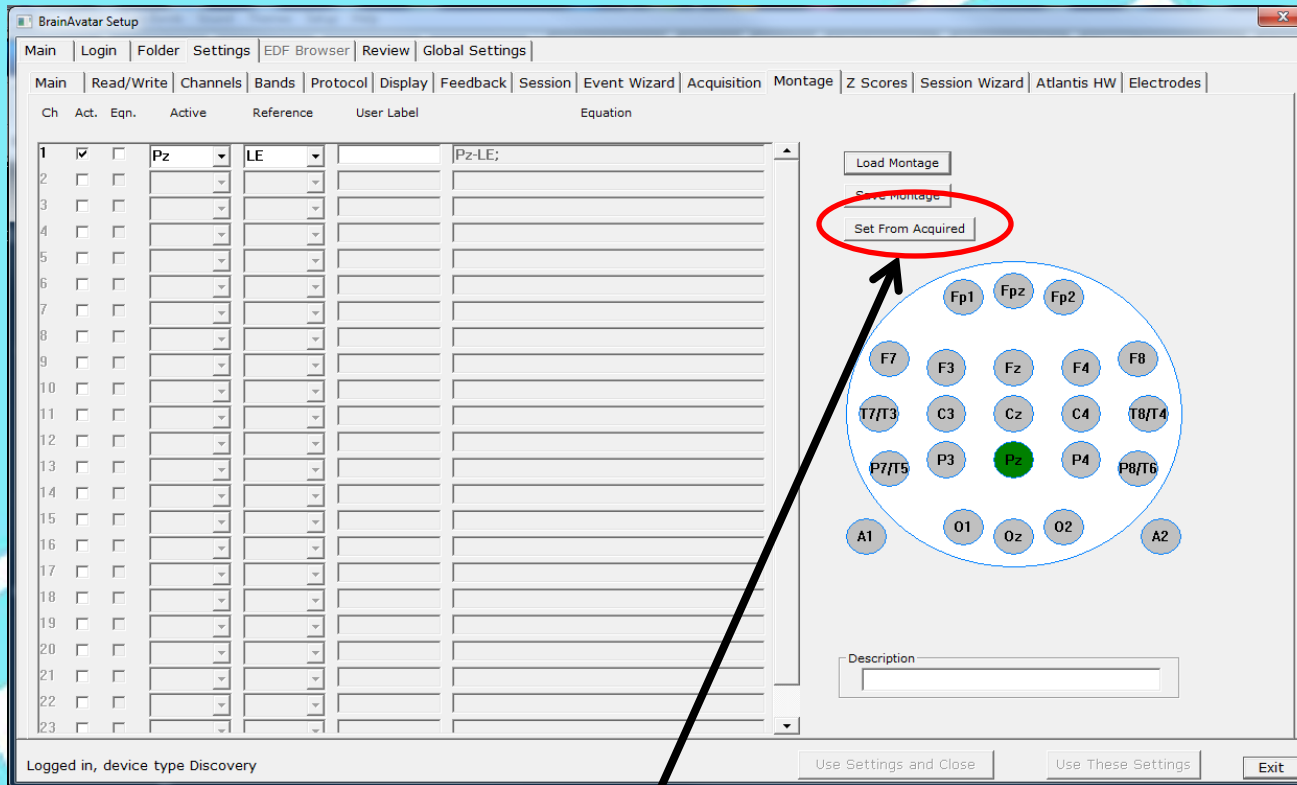


We are now ready to move to the next screen, the “Montage” Screen.

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DEEP

The Protocol is now ready for Modification

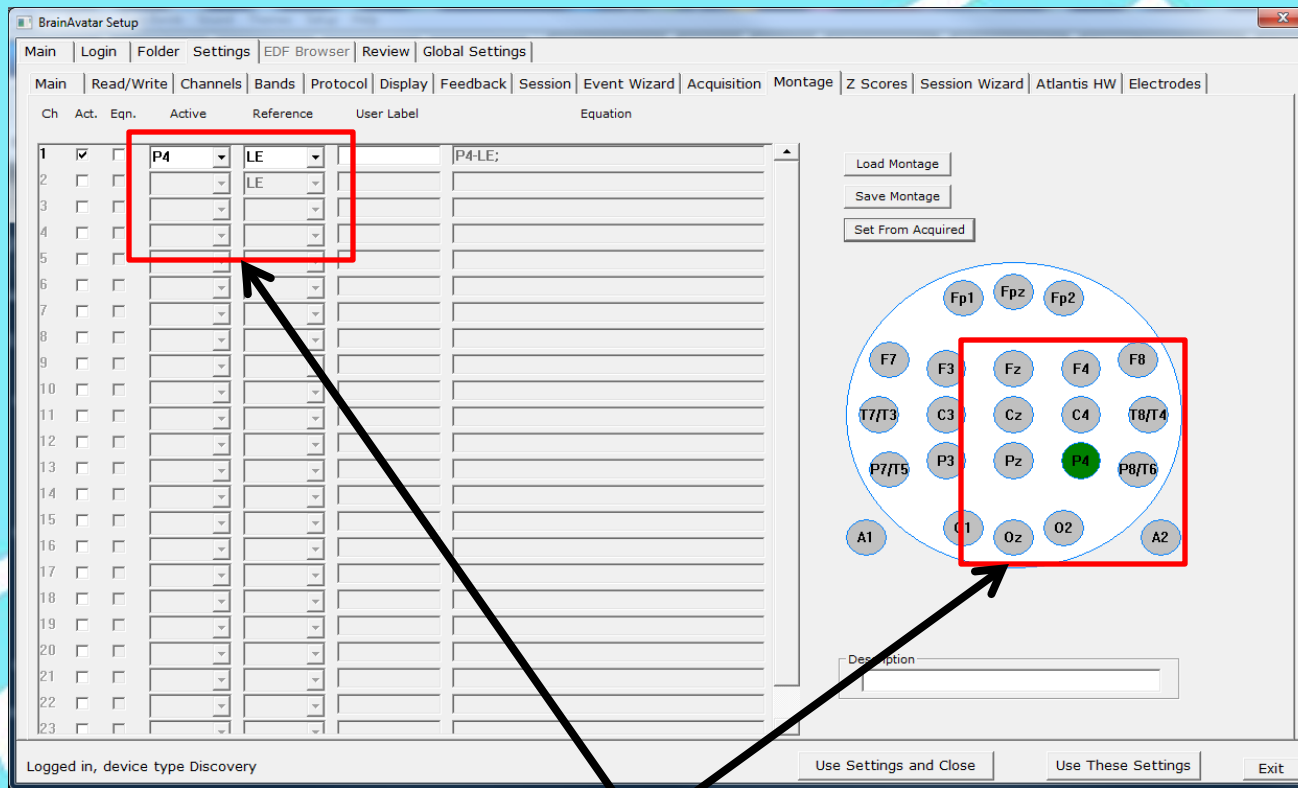


Notice the previous electrode listing remained on this screen. To change this click “Set From Acquired”.

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DEEP

The Protocol is now ready for Modification

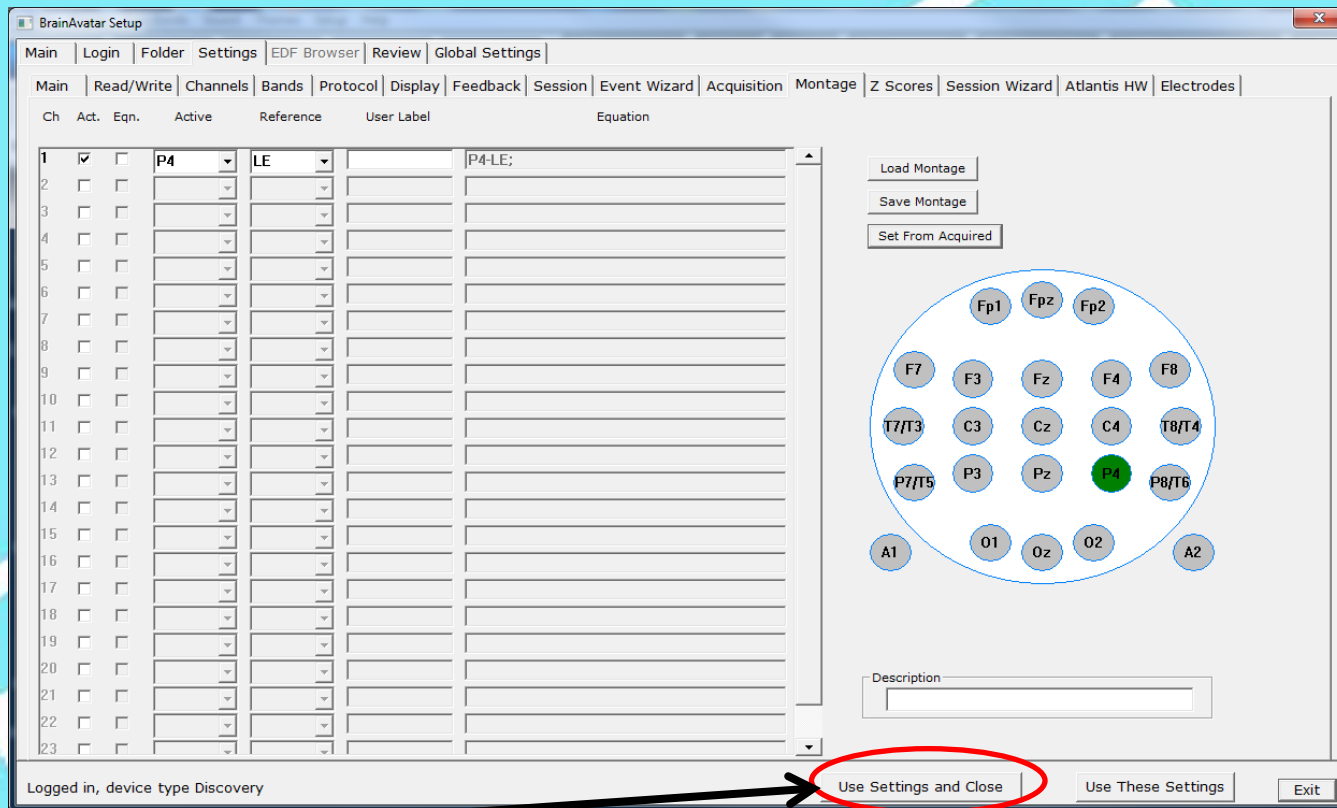


Notice, now, the montage is properly populated with the electrode chosen.

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DEEP

The Protocol is now ready for Modification

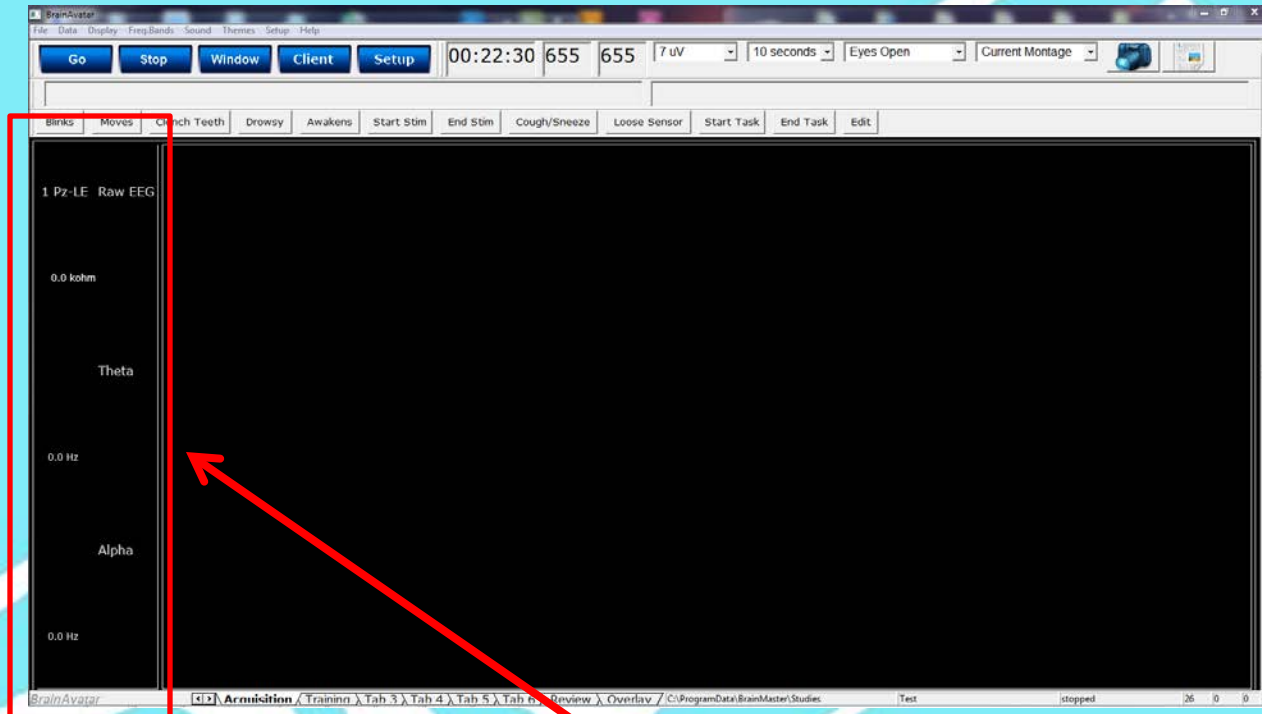


This completes the channel modification work. Click “Use Settings and Close” to save the modifications.

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DEEP

The Protocol is now ready for Modification

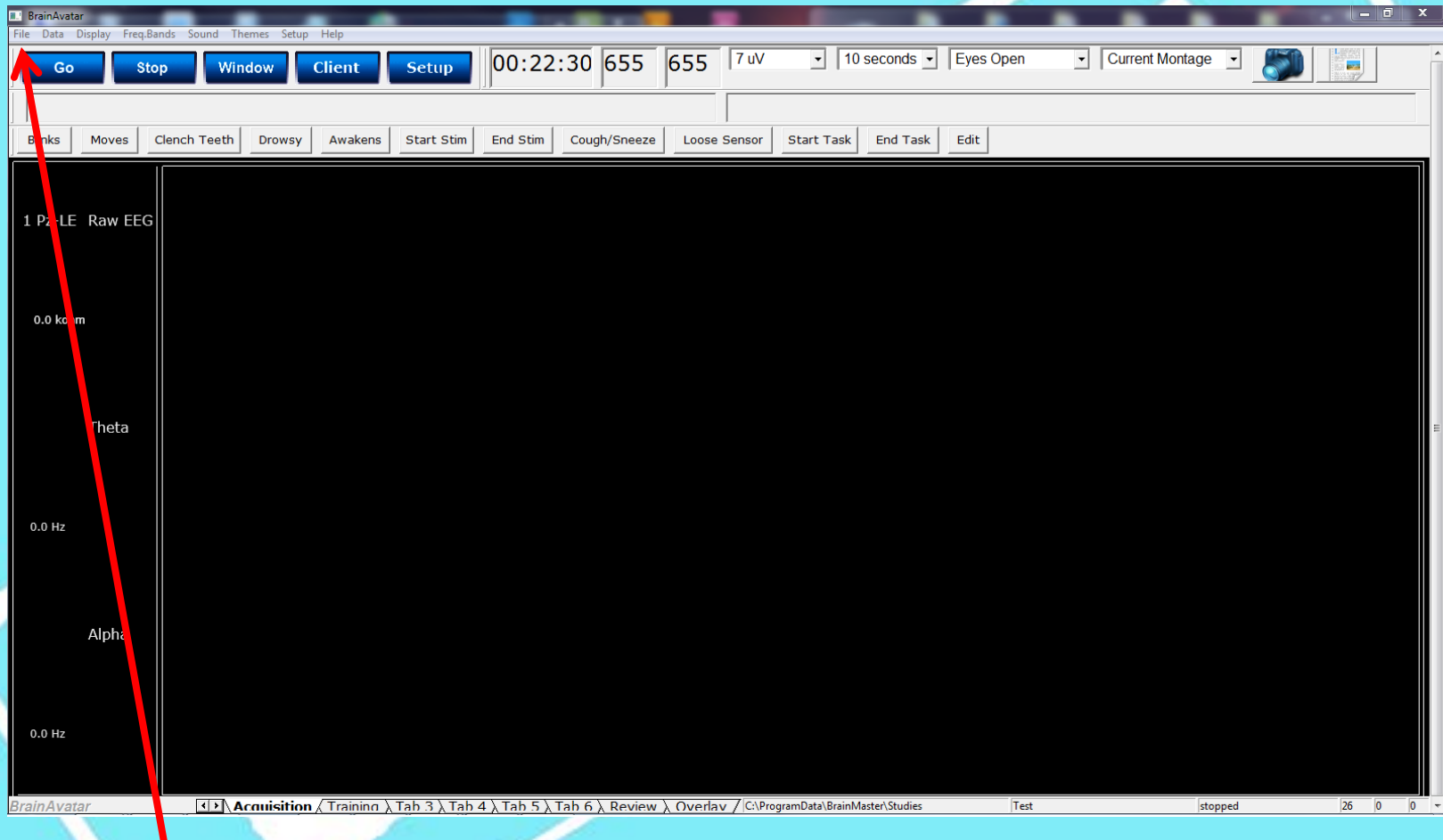


You can now see that electrode placements and the montage have been changed. However, we are not done yet. If desired, We may now save this modification as a new settings file.

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DEEP

The Protocol is now ready for Modification



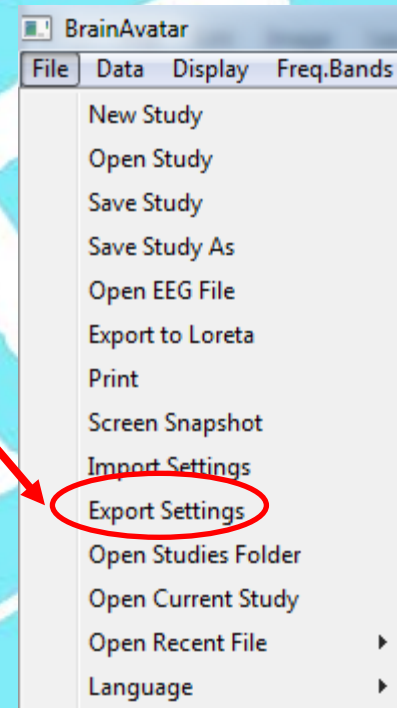
Click “File”.

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DEEP

Level 2

Next click “Export Settings”.

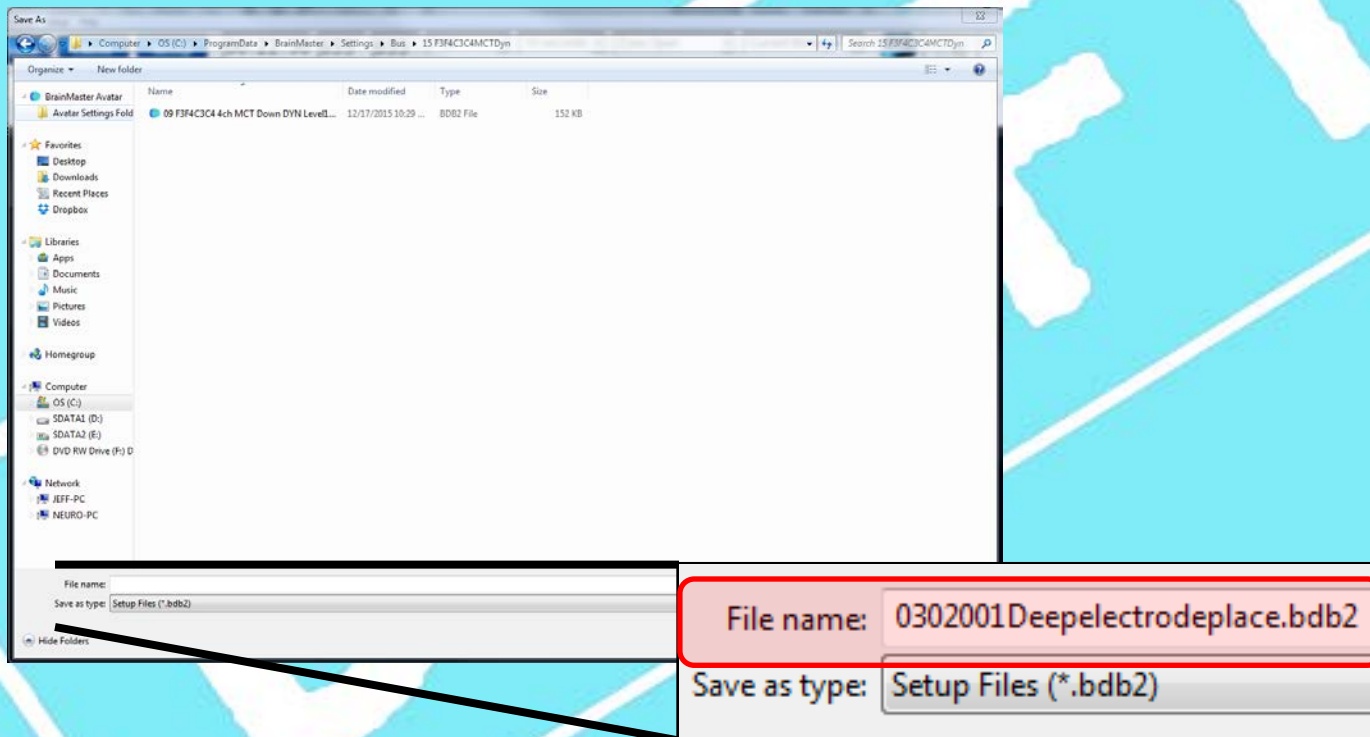


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DEEP

Level 2

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

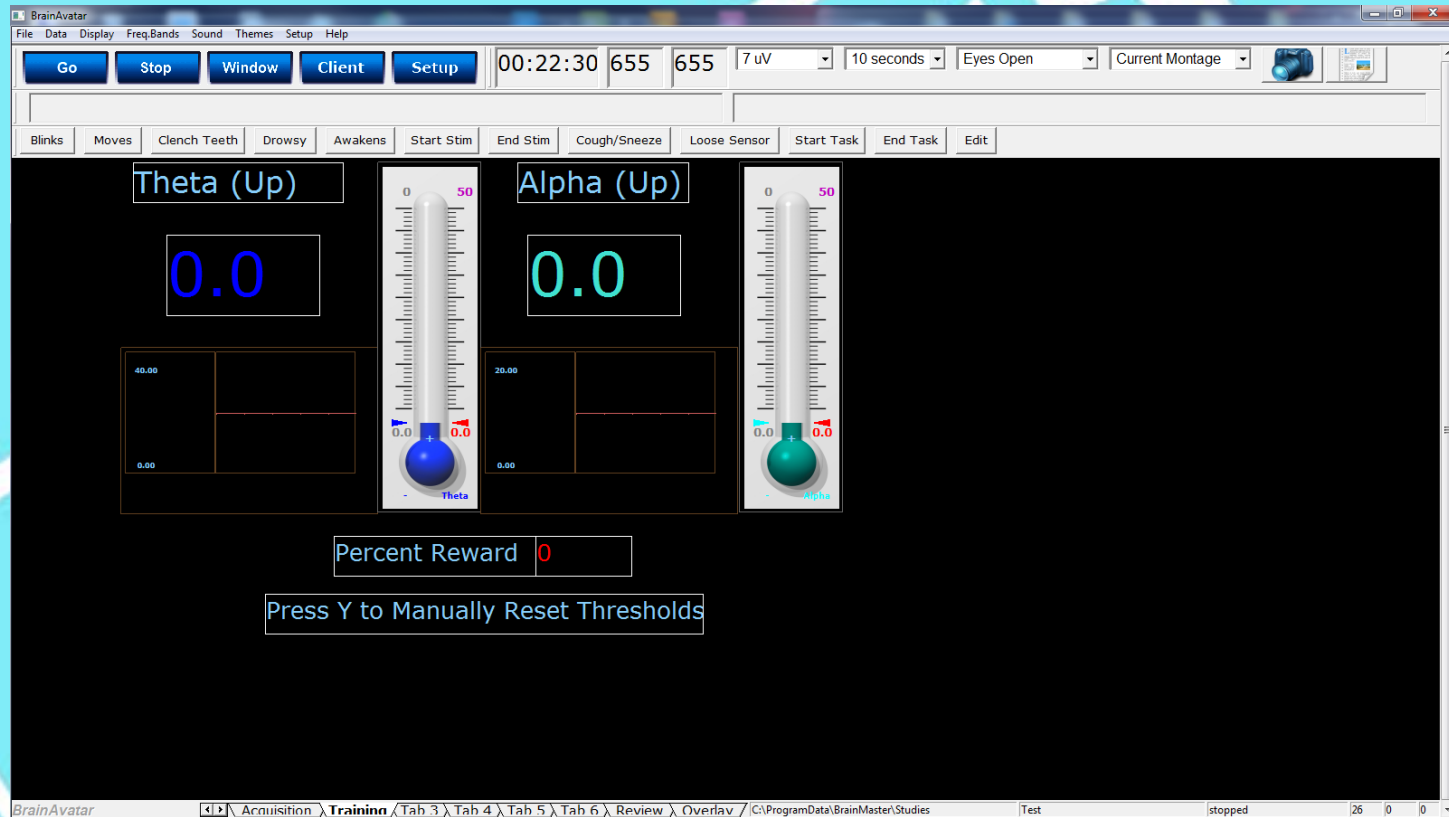


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Level 2

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



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