

Power Point Manual

Get On The
BUS



BrainMaster
Universe
Simplified



“focus”
level 3

Focus

Level 3

- How can I change frequencies for training (i.e. changing beta to lobeta)?
- In level 2 Focus we learned how to change the frequency bands within a specific frequency (i.e. changing lobeta from 12Hz-15Hz to lobeta from 11Hz to 16Hz).
- In this exercise we will learn how to train beta rather than lobeta.

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.

Focus

Level 3

- To accomplish this we will increase our skills in both the use of the Event Wizard and Panel Wizard.
- Let's use the last protocol we modified from Level 3, "0403003FocusMonitorZScores" to start.

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Focus

Level 3

Lets Begin

- Make Sure the Atlantis Amplifier is plugged in.

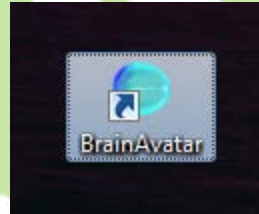


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Focus

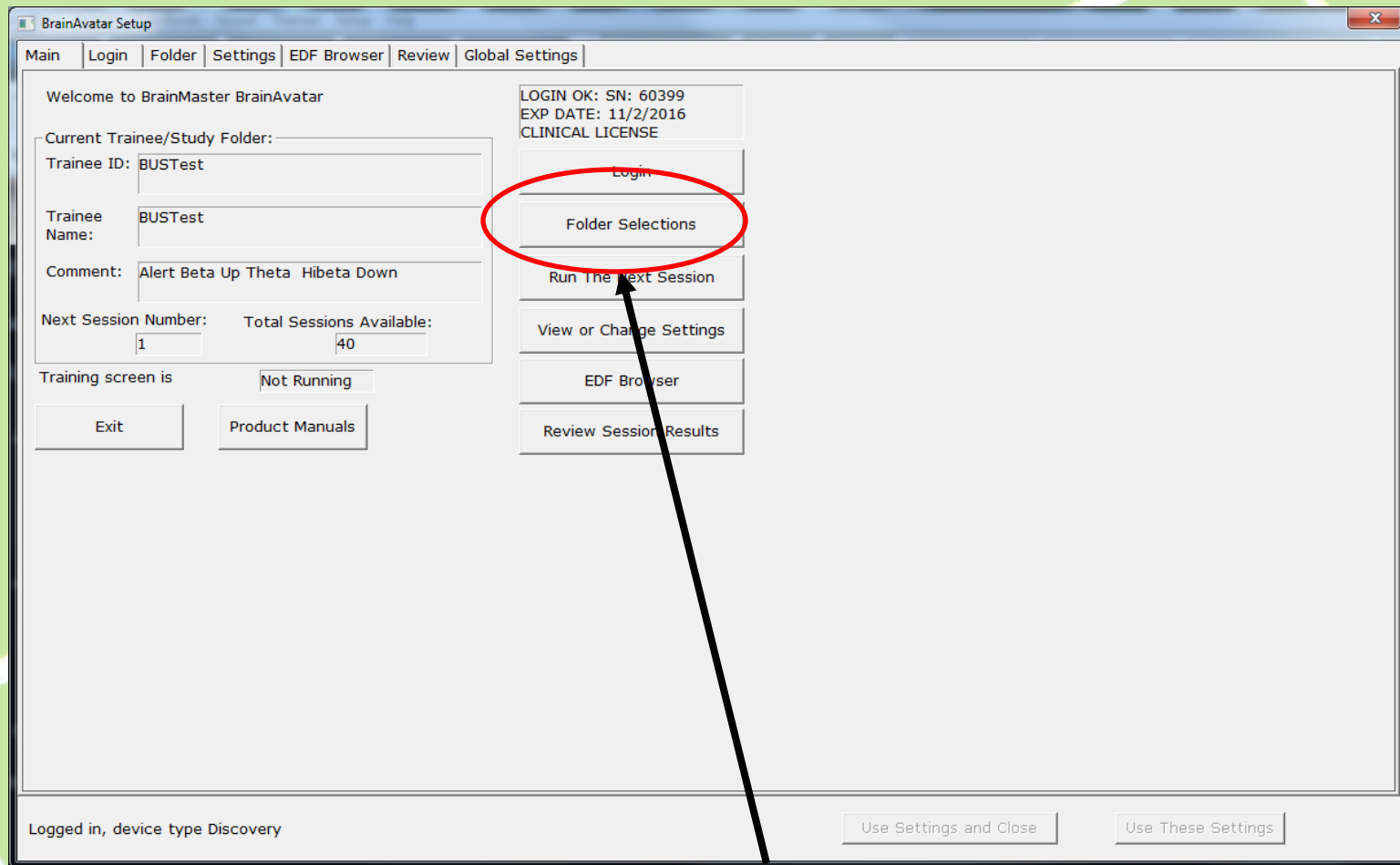
Level 3

- Open BrainAvatar by double-clicking the BrainAvatar Icon



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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

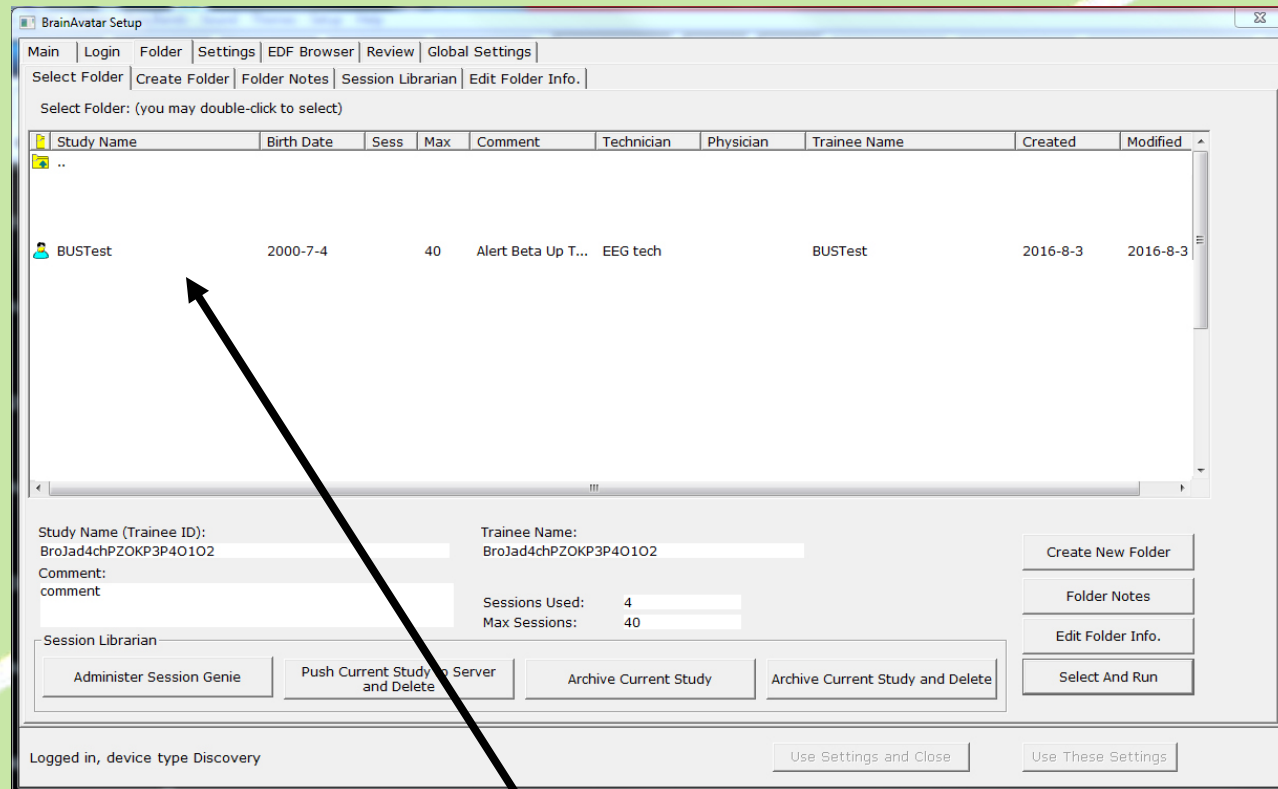
Create New Folder | Folder Notes | Edit Folder Info. | Select And Run

Logged in, device type Discovery

Use Settings and Close | Use These Settings

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- The Select Folder Screen will appear.



- Double Click the Study (Folder) you would like to open.

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BrainAvatar Setup

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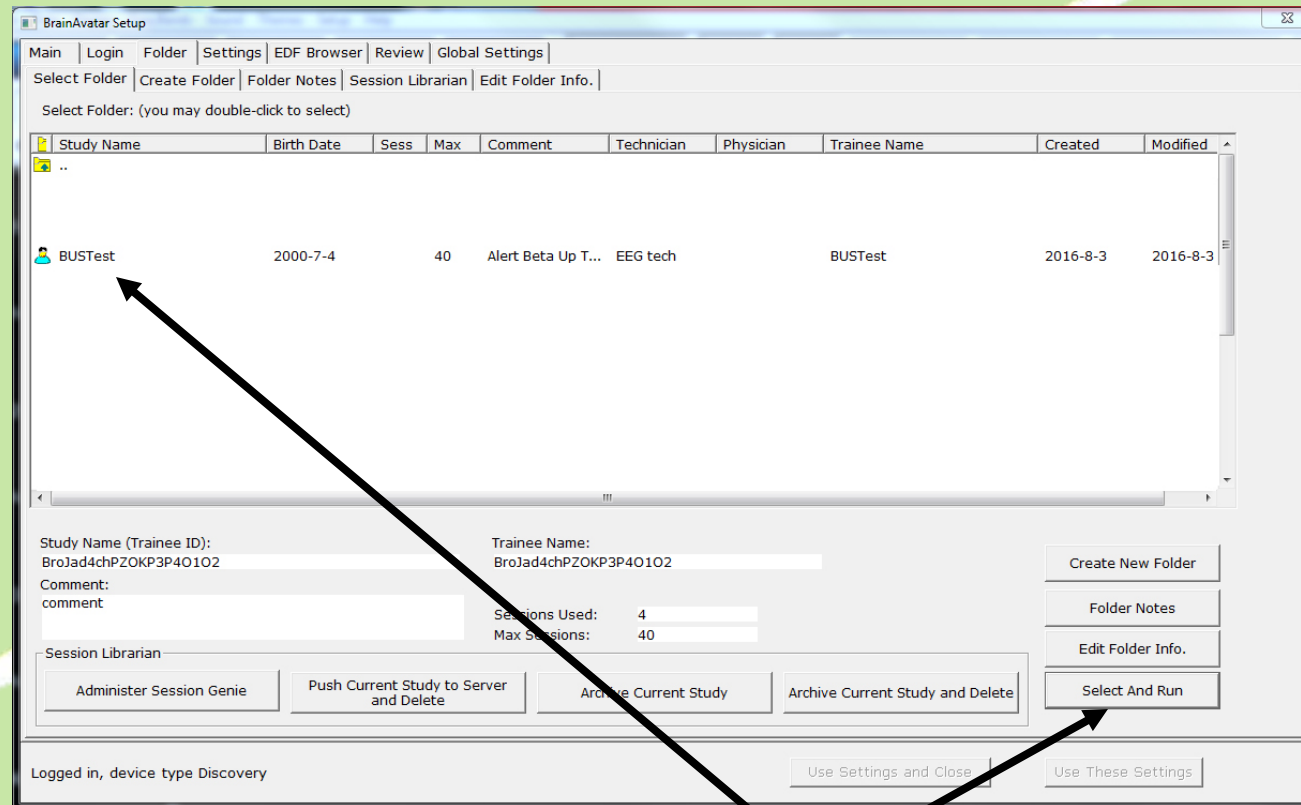
Create New Folder | Folder Notes | Edit Folder Info. | Select And Run

Logged in, device type Discovery

Use Settings and Close | Use These Settings

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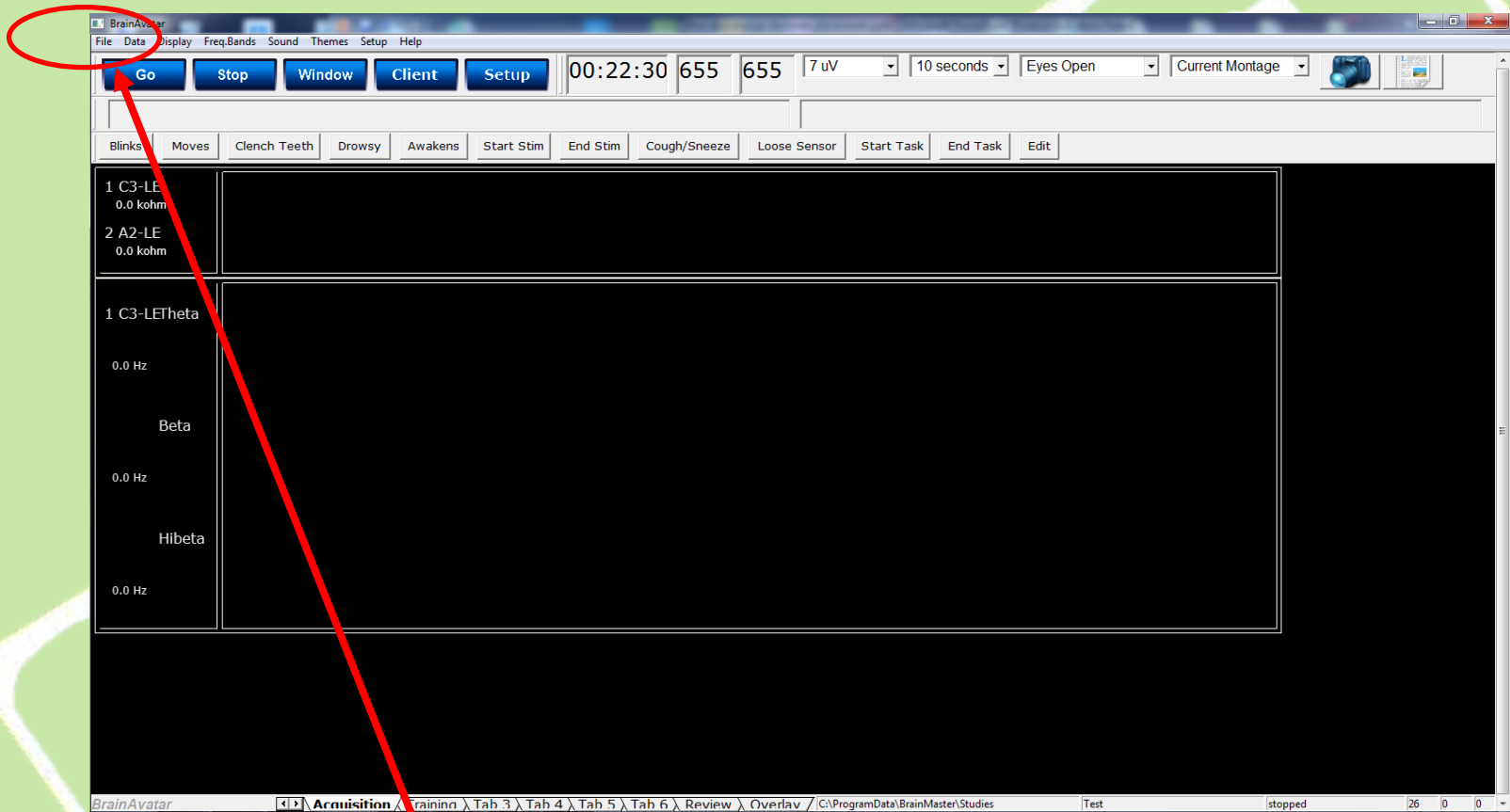
- The Select Folder Screen will appear.



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

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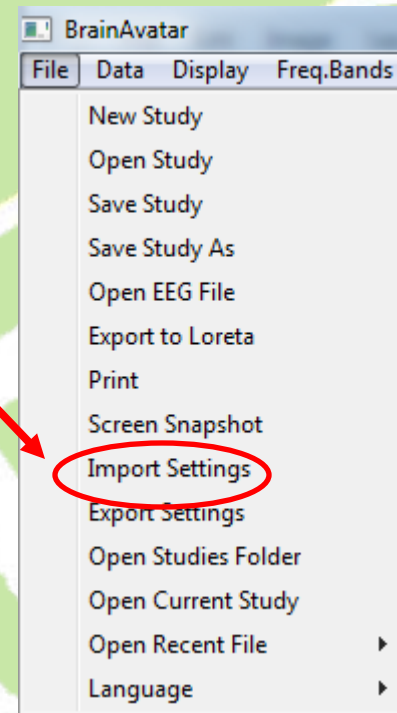
- The BrainAvatar Acquisition Screen is illuminated. Let's load the Setting File created in the last lesson.




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

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- Next click “Import Settings”.



- Scroll to find the previous Focus Level 3 File and double click it.

| Name | Date modified | Type | Size |
|--|-------------------|-----------|--------|
|  0403003FocusMonitorZScores.bdb2 | 8/20/2016 3:22 PM | BDB2 File | 152 KB |

- The desired Focus Level 3 setting is imported into the BUSTest Study and is now ready for modification.

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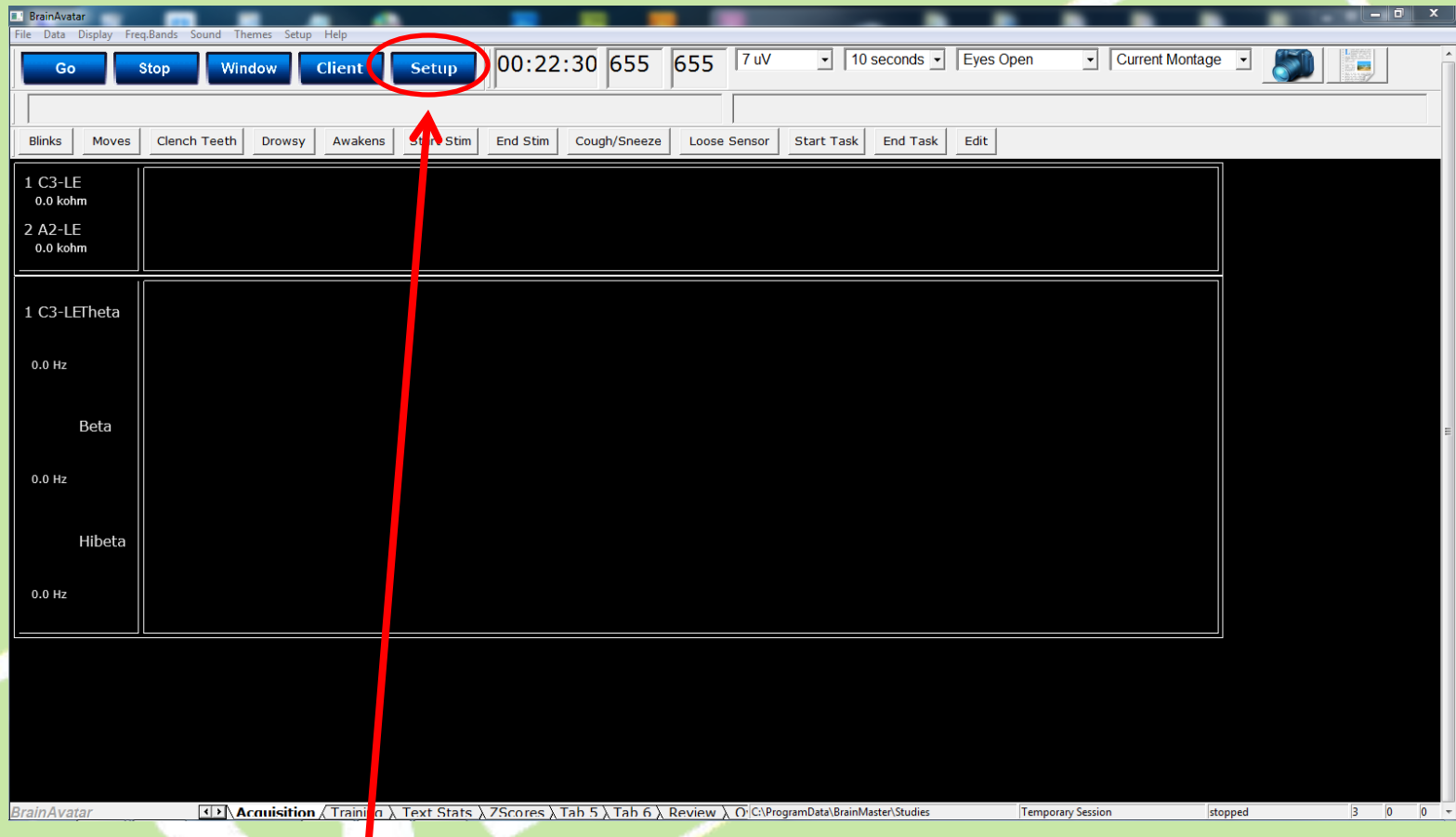
Focus

Level 3

- The first step in accomplishing this task is to change the frequency for LoBeta to Beta in the Event Wizard.
- Next, we must open the Panel Wizard and reassign the LoBeta objects to Beta objects.
- By the way, in doing this we have changed the Focus Protocol to the Alert Protocol.

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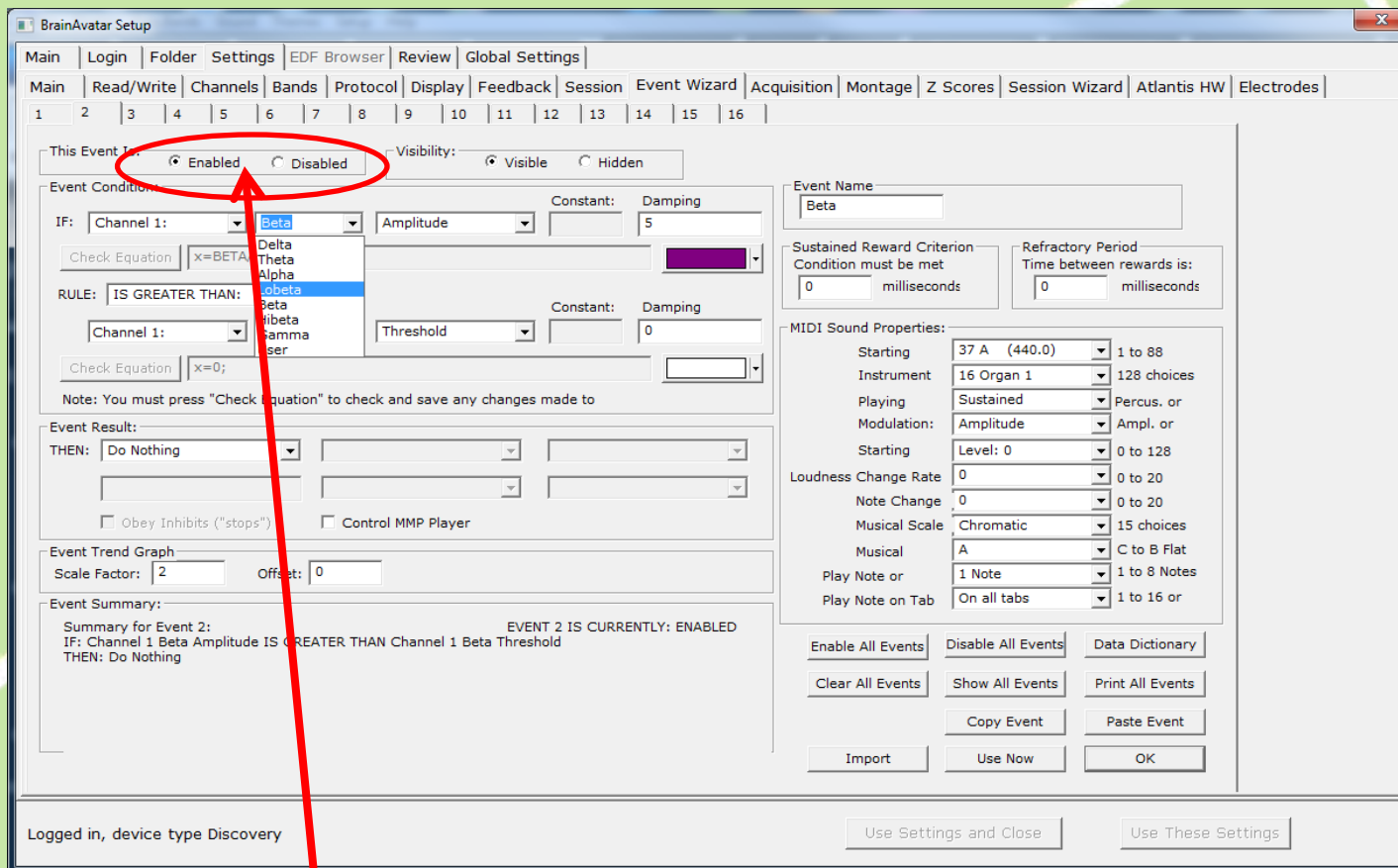
Focus



- The first step is to open the Event Wizard either by going into the Setup screen or by tapping ctrl-e.

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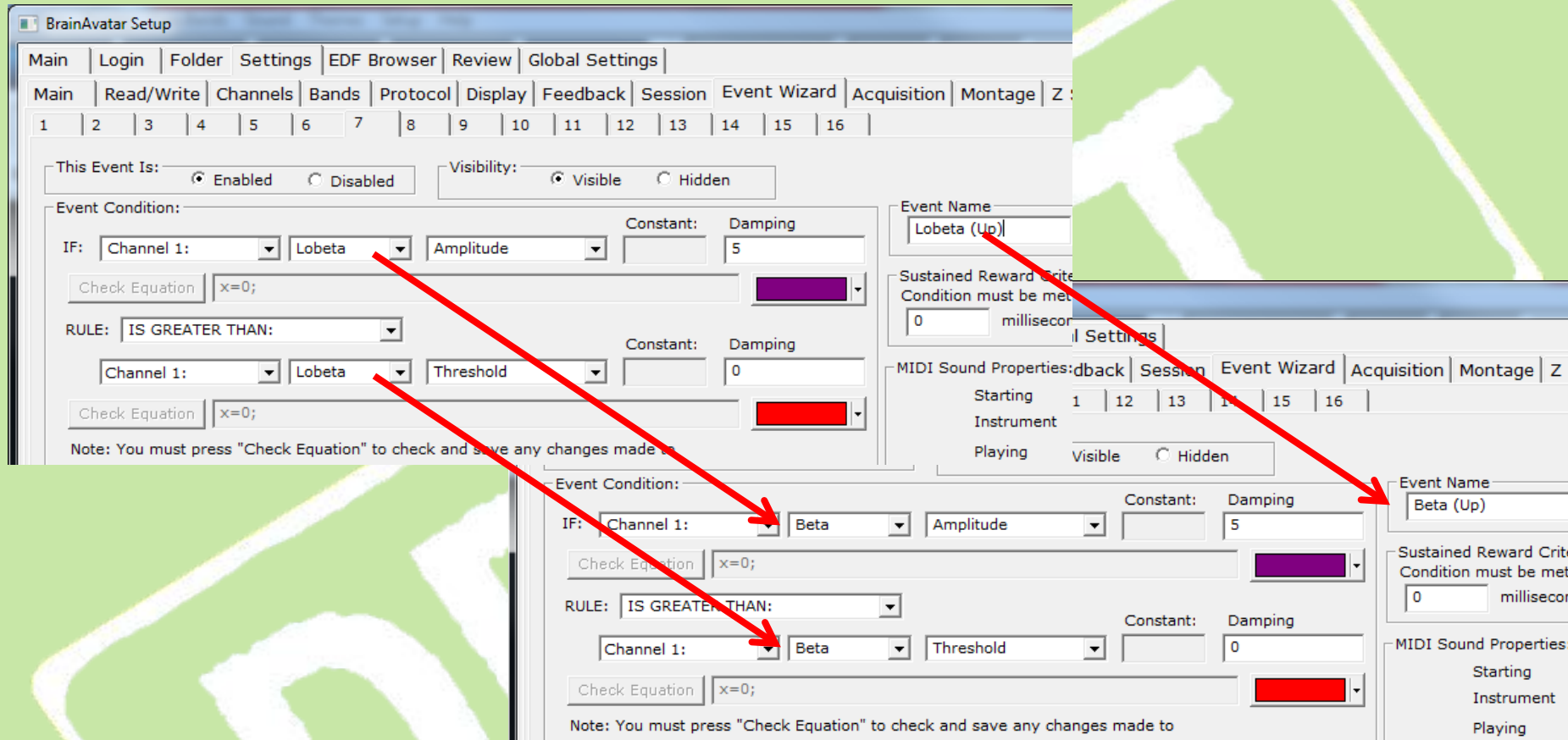
Focus



- If you remember the settings in this protocol? Event 1 represents the digital filter for theta, Event 2 represents the digital filter for lobeta and Event 3 represents the digital filter for hibeta. None of these events are really being used because we have given control of the protocol to Events 6-8 and should be disabled. You may want to check.

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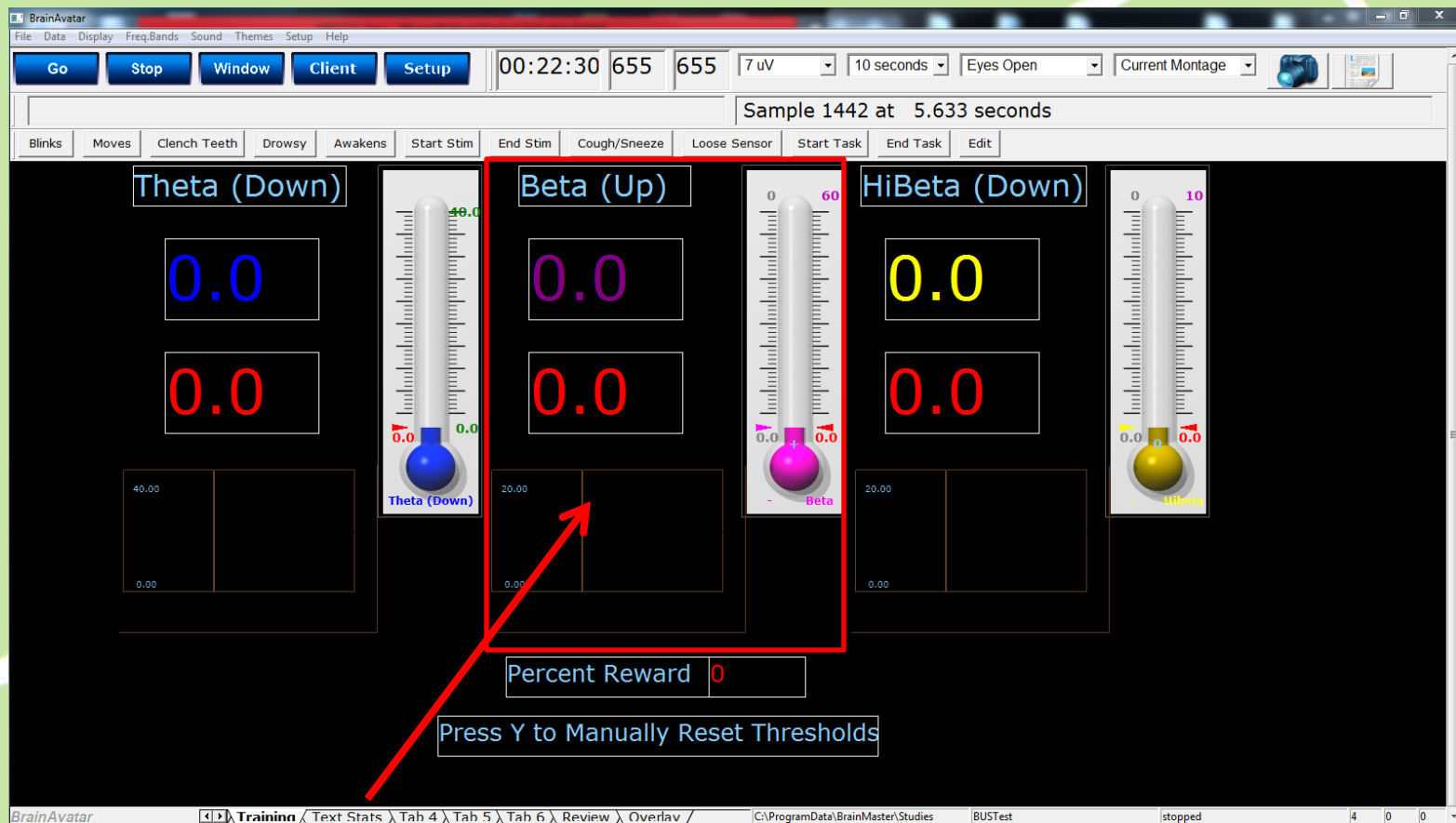
Focus



- To change this protocol to train Beta rather than lobeta simply change the channel 1 frequency and threshold to Lobeta. You may also want to change the Event Name to Beta (up) as well. Click “Use Settings and Close” to save the changes.

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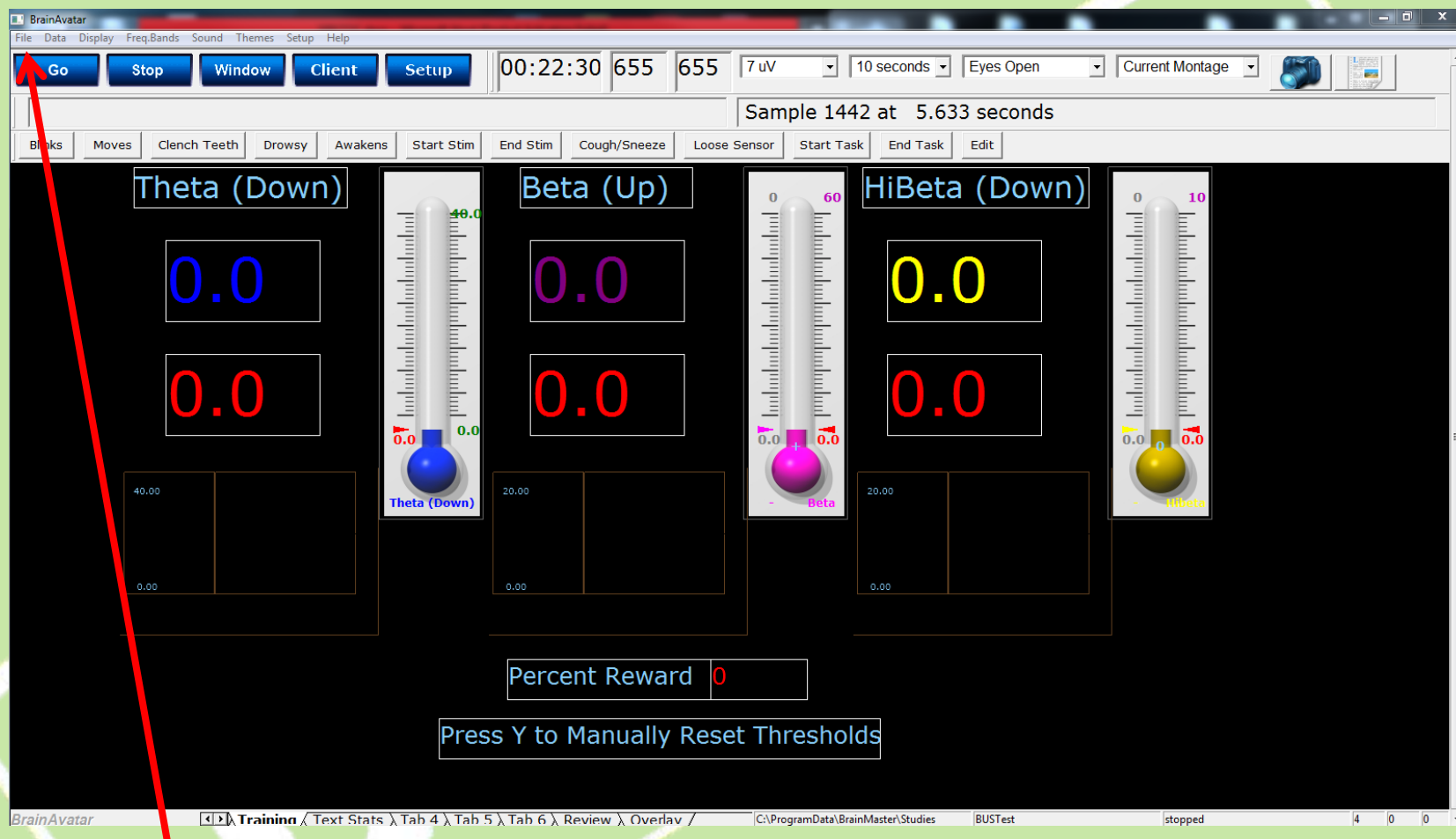
Focus



- Navigate to the Training Tab. From here we see the LoBeta (Up) label was changed to Beta when we changed the Event Name in the previous slide. Also, if you check you will find the Beta amplitude meter, %reward meter and thermometer have also automatically changed.

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Focus



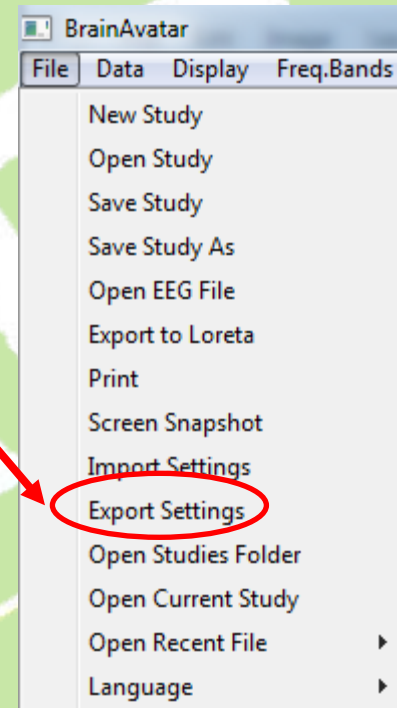
This concludes this lesson. If you would like to save this modified setting Click “File”.

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Focus

Level 3

Next click “Export Settings”.

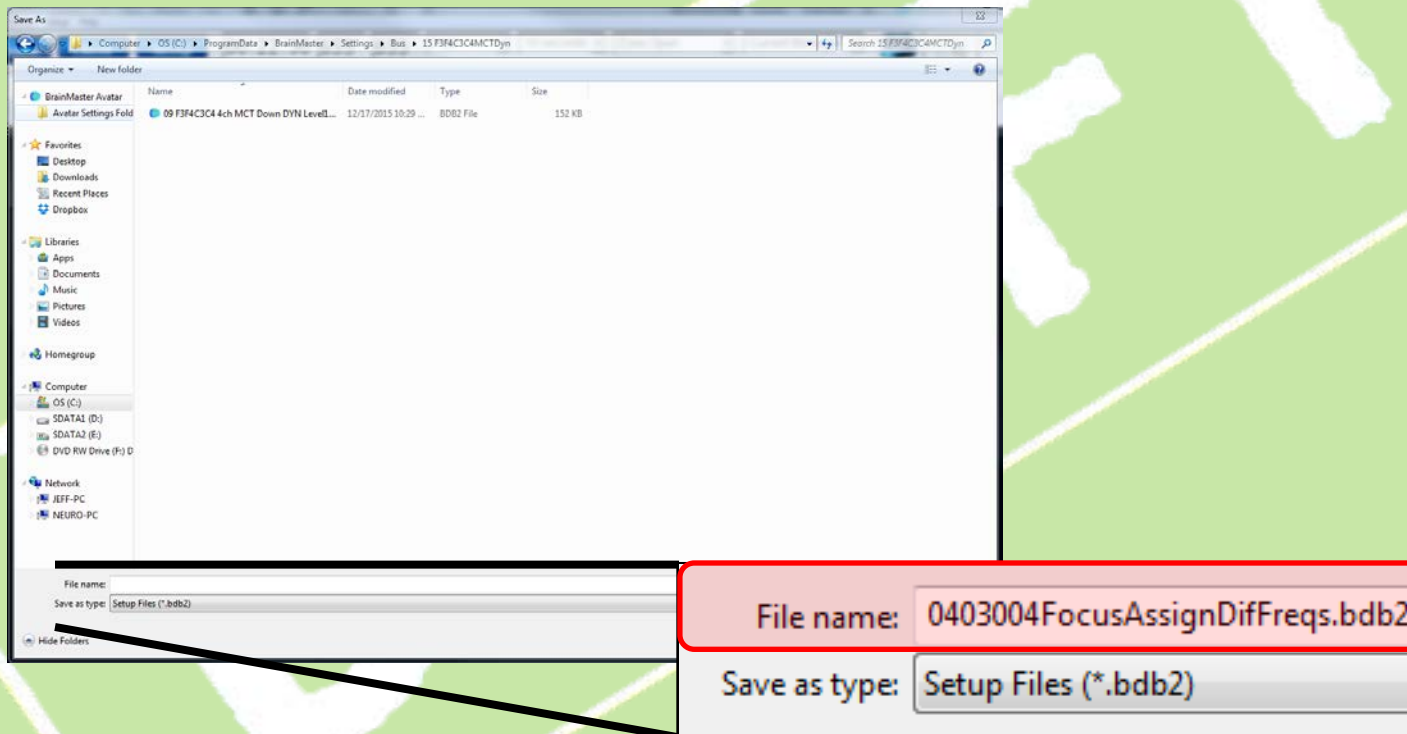


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Focus

Level 3

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

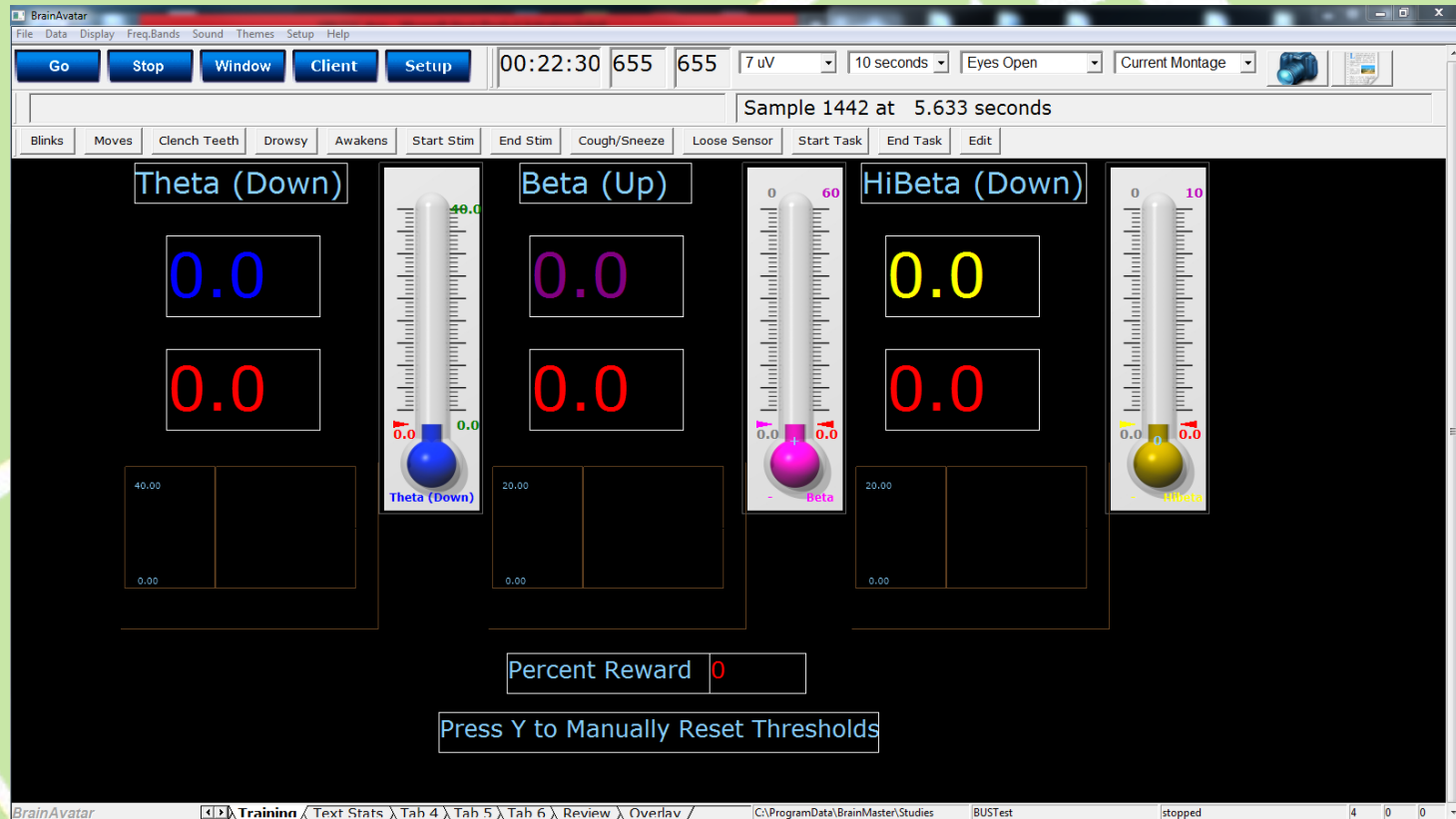


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Focus

Level 3

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



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