

Power Point Manual

Get On The
BUS



BrainMaster
Universe
Simplified



“focus”
level 2

Focus

Level 2

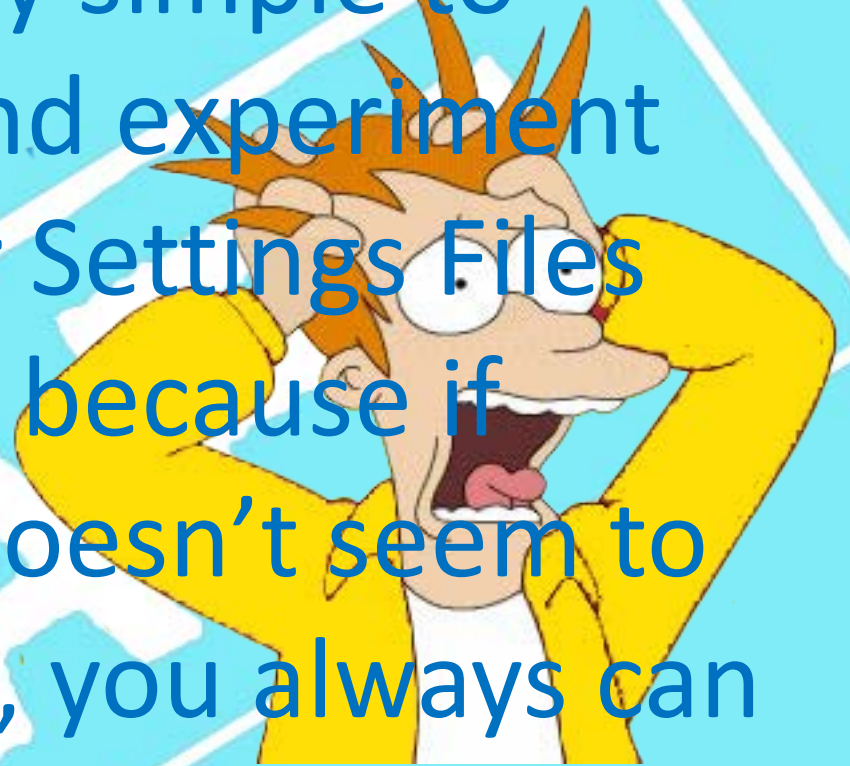
- How can I include a low frequency cutoff so that I may limit eye roll artifact and perhaps amplifier drift if it exists.

Focus

Level 2

- The Level 1 Base Setting for the Focus Protocol included the electrode placement at C4 to train up lobeta.
- We would like to review the low frequency cutoff so that eye roll artifact and perhaps amplifier drift may be eliminated from the feedback.

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.



Focus

Level 2

Lets Begin

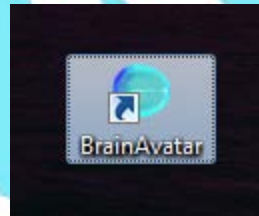
- Make Sure the Atlantis Amplifier is plugged in.



Focus

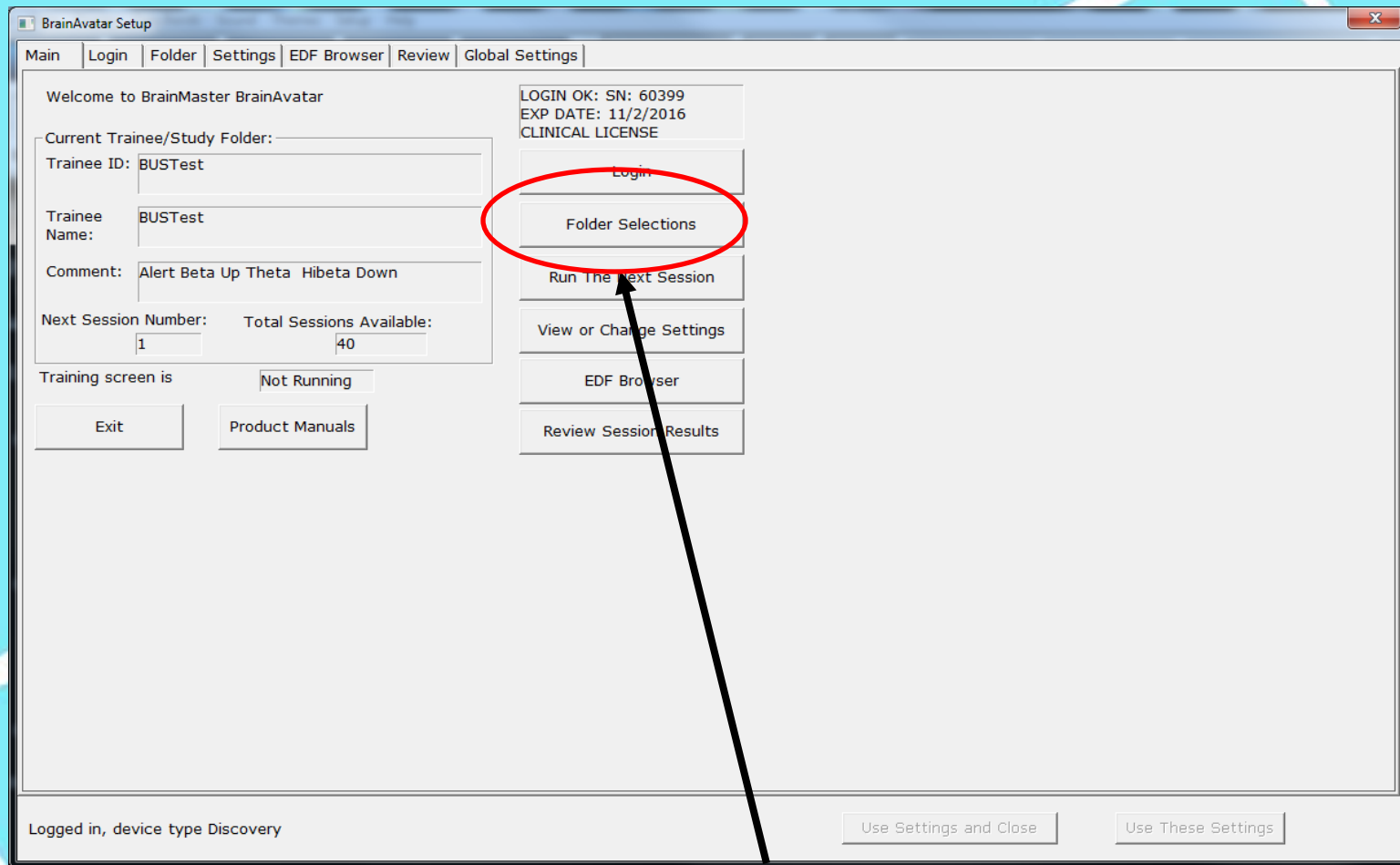
Level 2

- 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

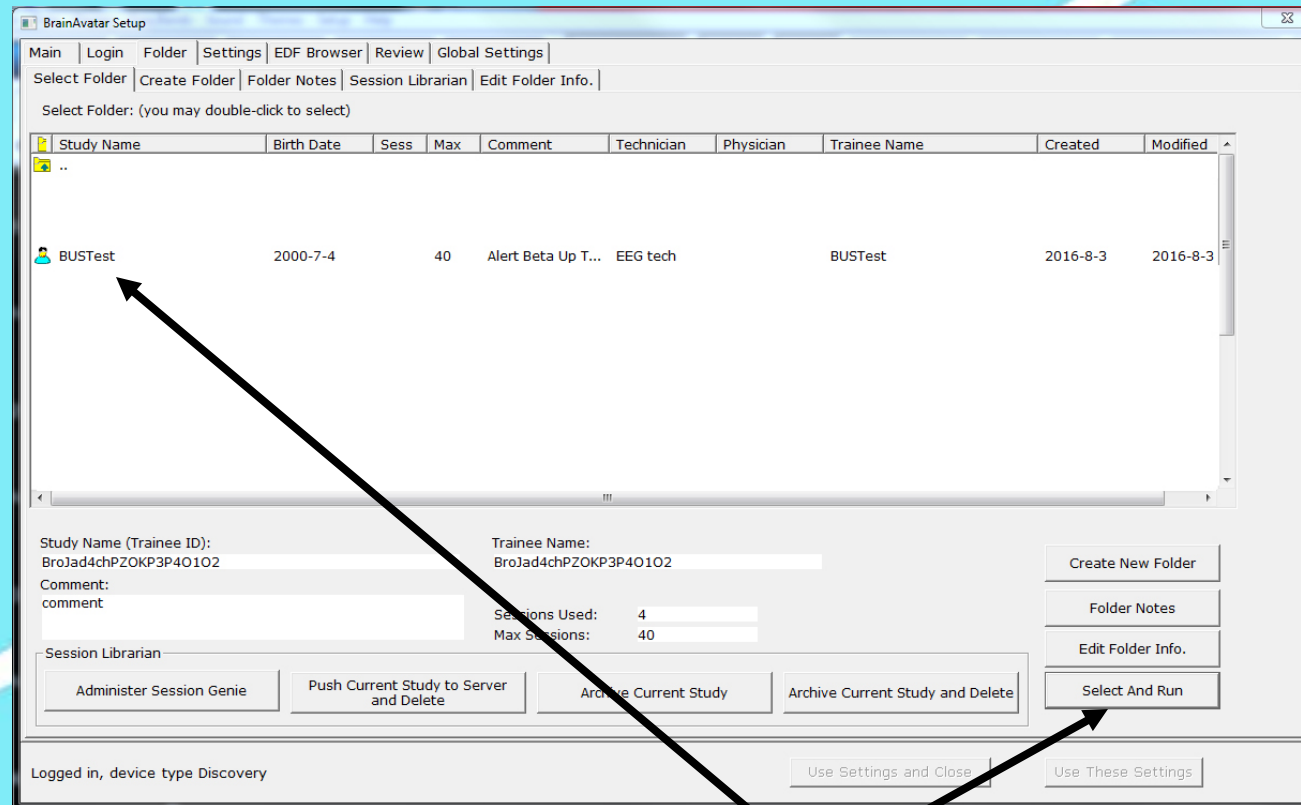
Administer Session Genie | Push Current Study to Server and Delete | Archive Current Study | Archive Current Study and Delete

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

Logged in, device type Discovery

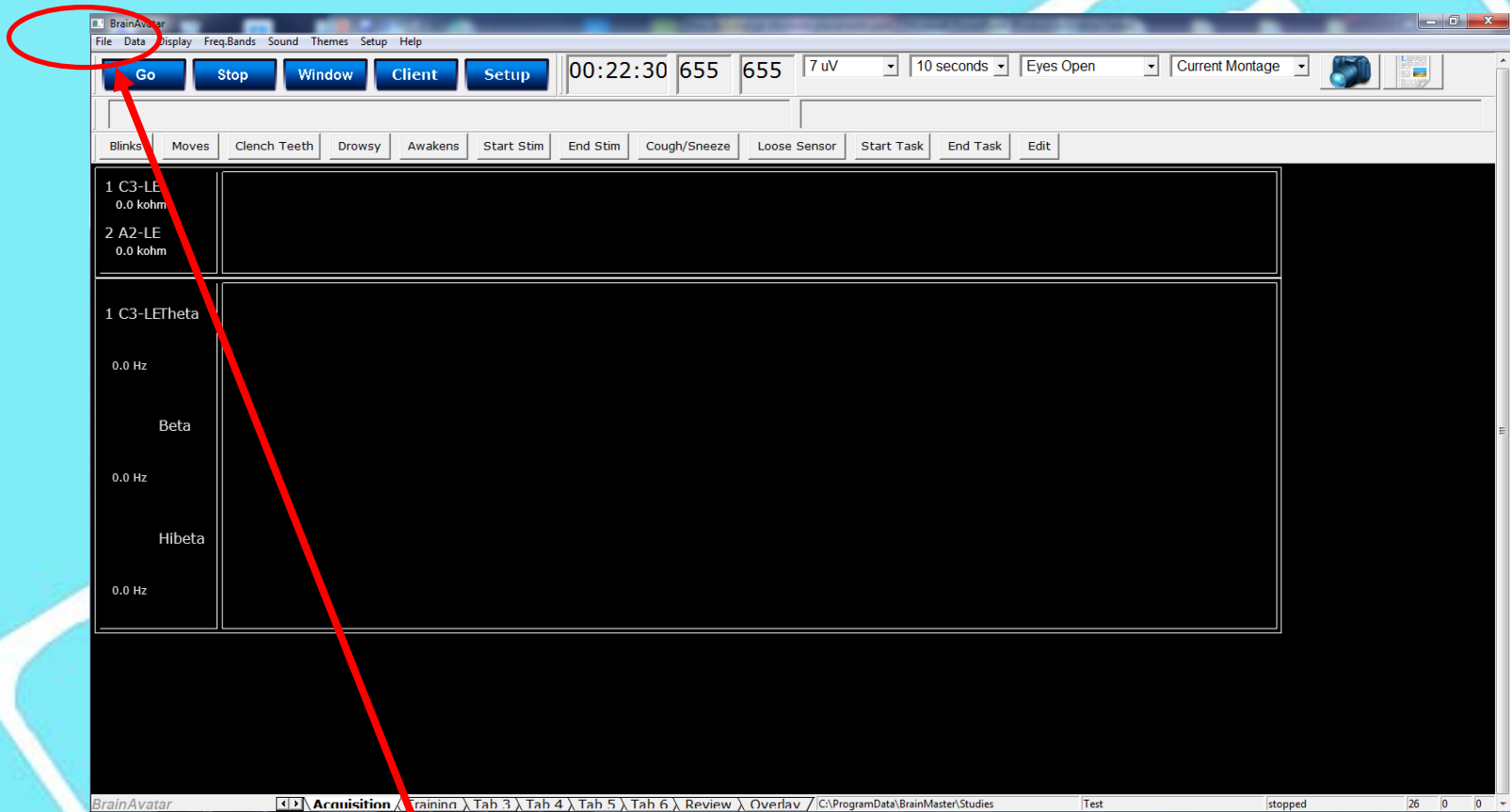
Use Settings and Close | Use These Settings

- The Select Folder Screen will appear.



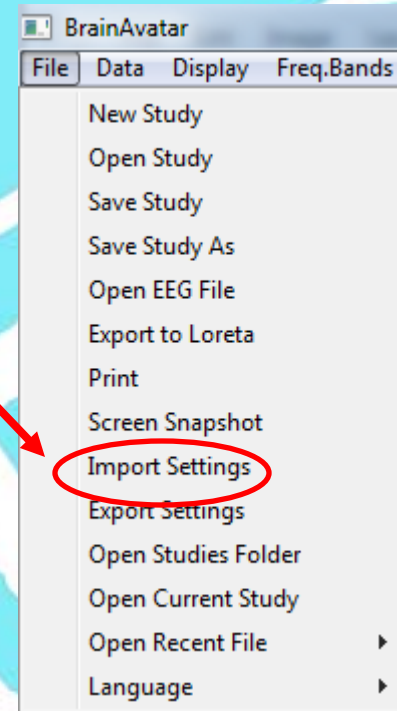
- Click the Study (Folder) you would like to open (in this case BUSTest) and then click “Select and Run”.

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




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

- Next click “Import Settings”.



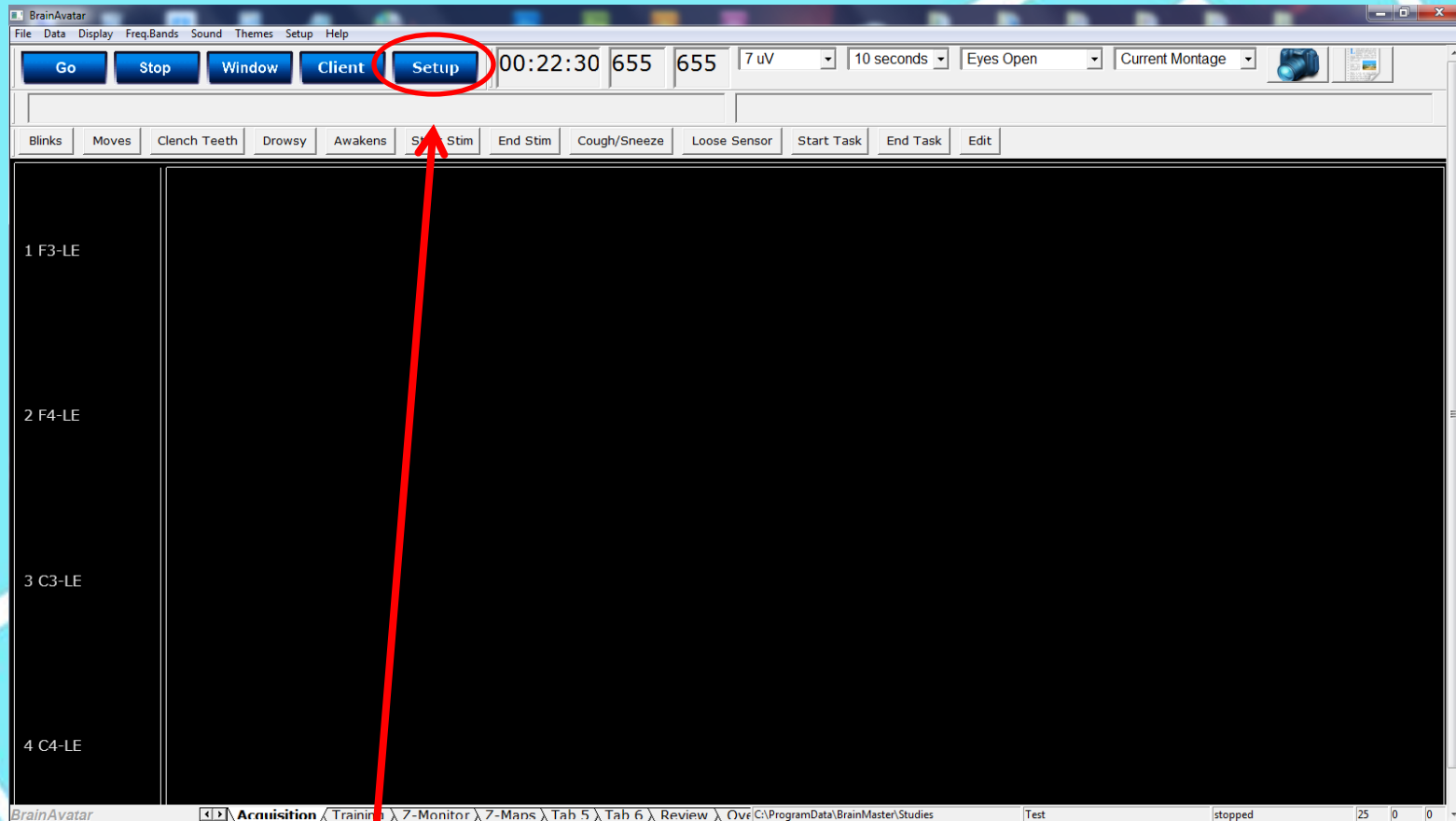
- Scroll to find the original Focus Level 1 File and double click it.

Name	Date modified	Type	Size
 0401001Focus.bdb2	11/17/2015 12:56 ...	BDB2 File	142 KB

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

Focus

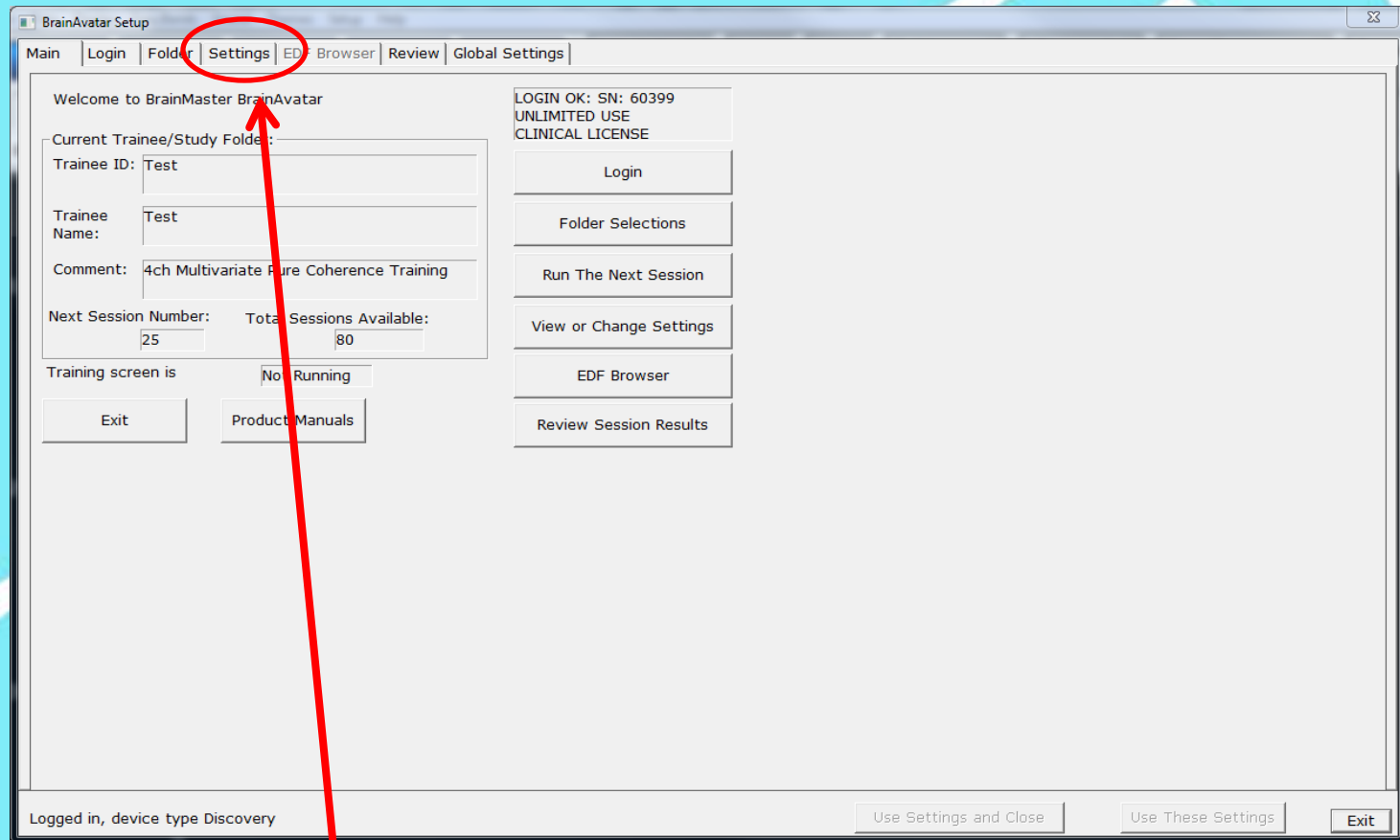
The Protocol is now ready for Modification



- Click “Setup”.

Focus

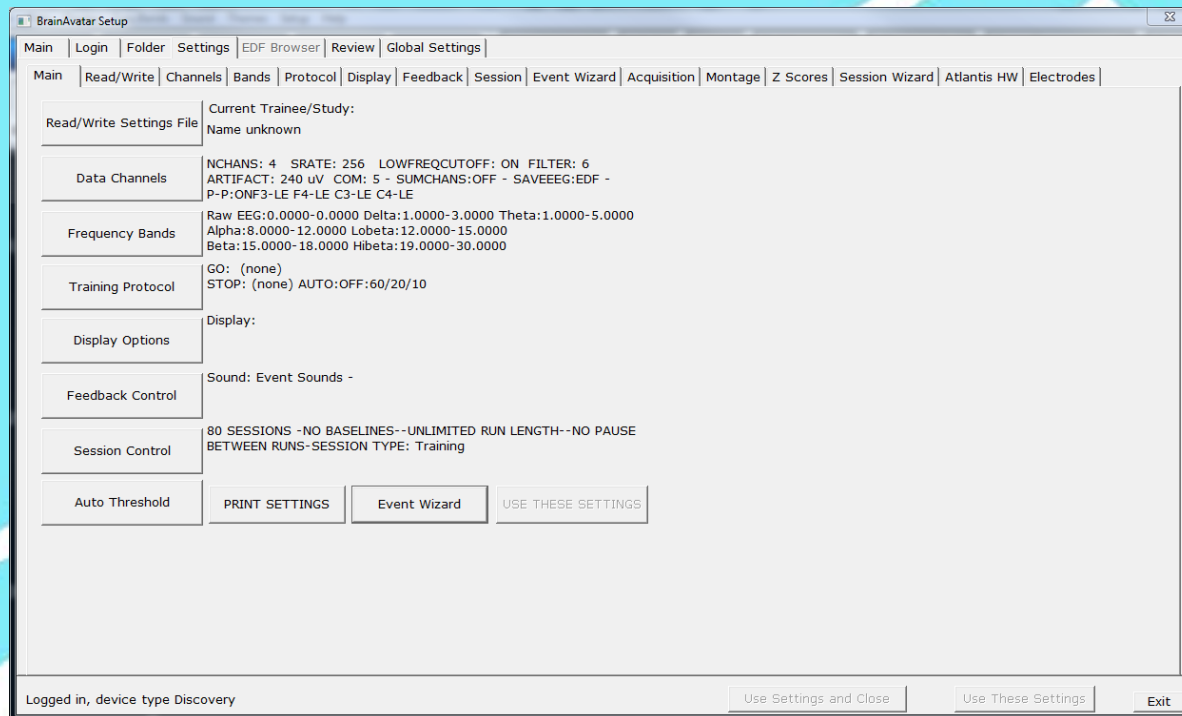
The Protocol is now ready for Modification



- Click “Settings”.

Focus

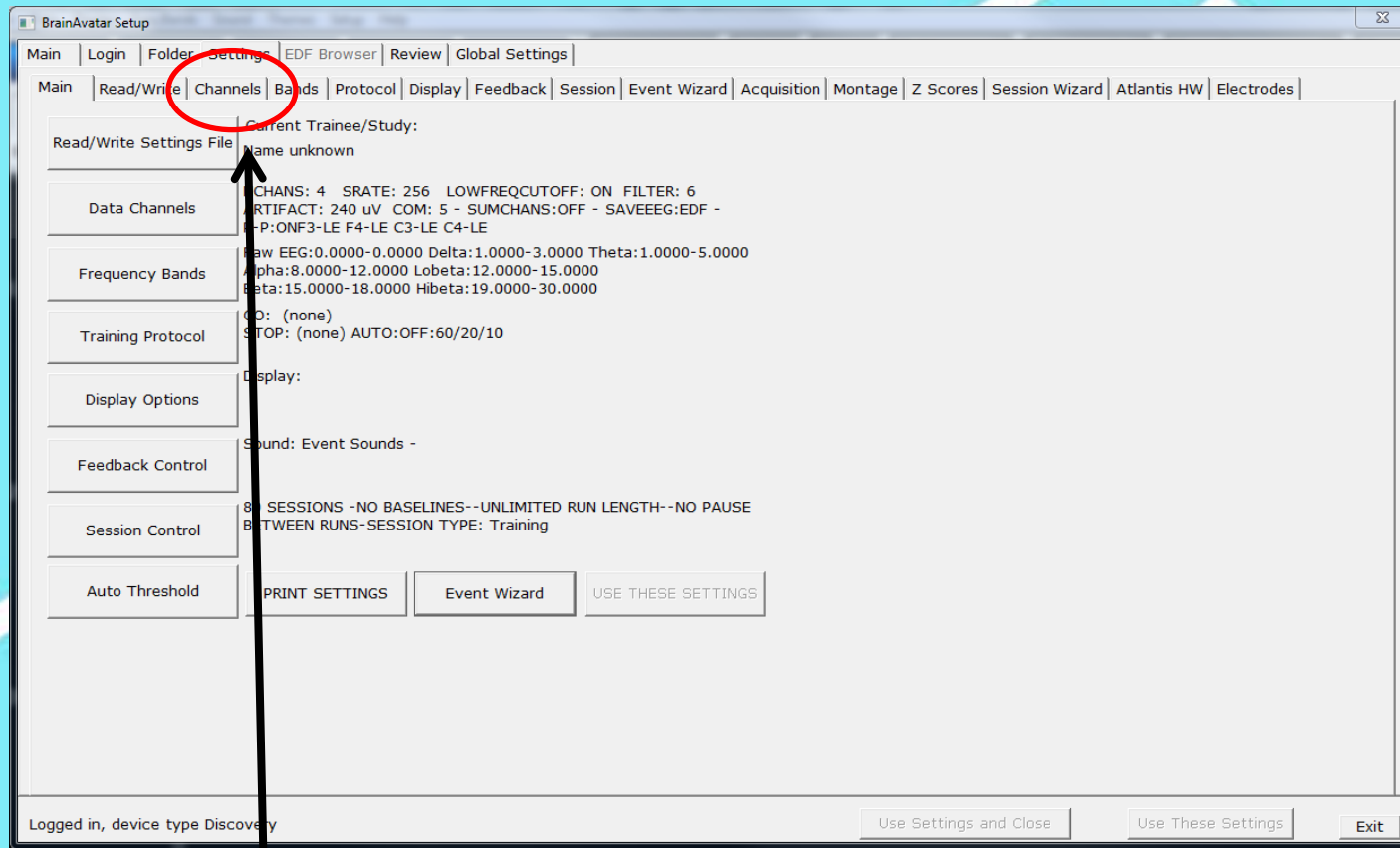
The Protocol is now ready for Modification



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.

Focus

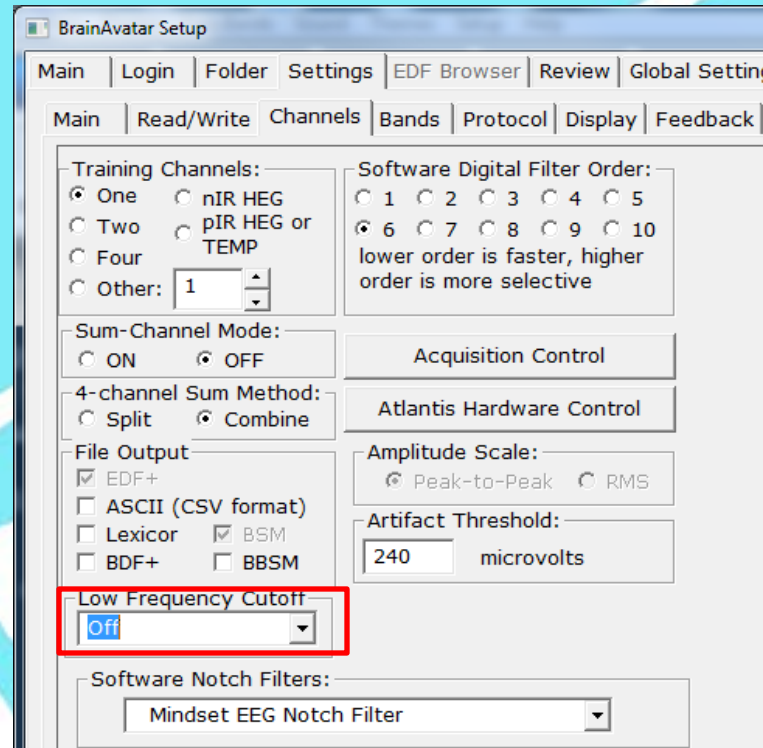
The Protocol is now ready for Modification



Click "Channels".

Focus

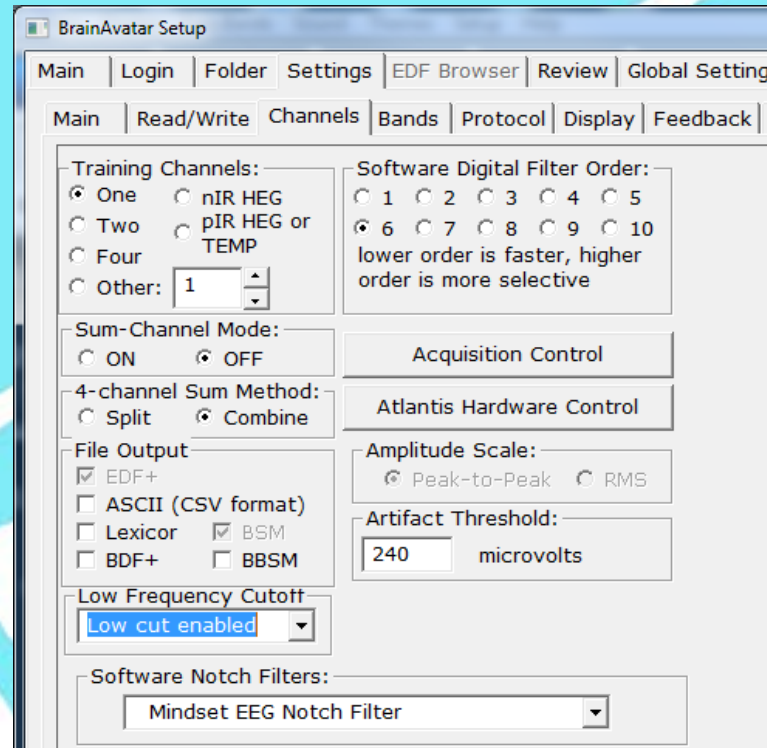
The Protocol is now ready for Modification



Within the Channels Screen you will notice a box displaying Low Frequency Cutoff. This setting includes or eliminates all activity below 0.5 Hz when enabled. In the Off position this enables the full frequency response of the amplifier and should be used for ILF training.

Focus

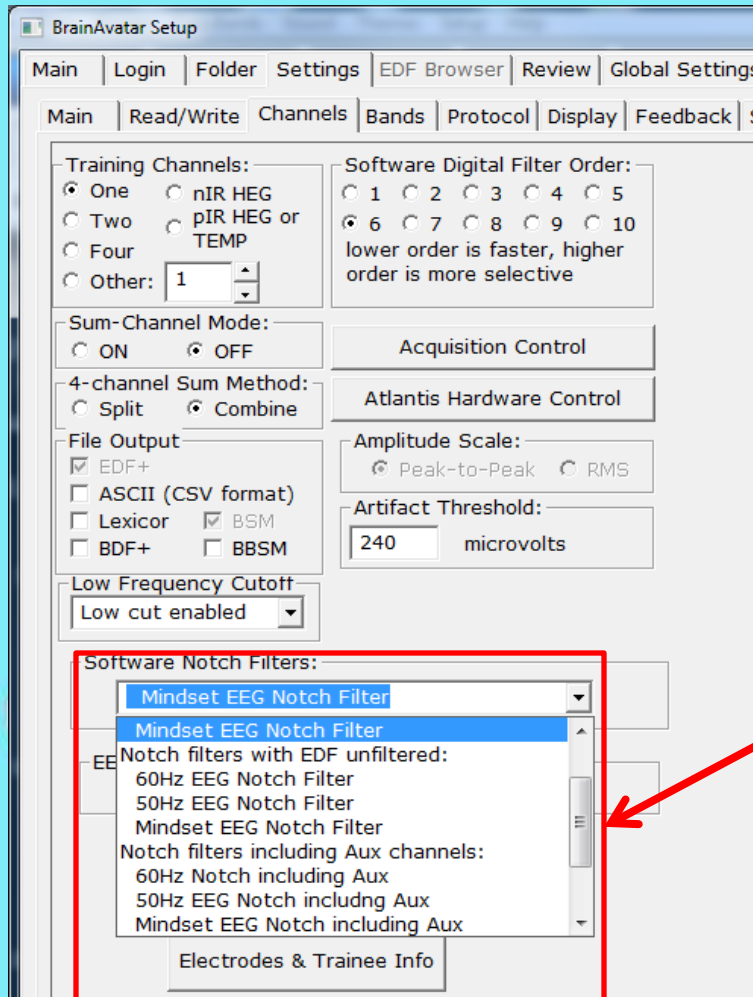
The Protocol is now ready for Modification



With low cut enabled, frequency response below 0.5 Hz is cut off. This setting may be useful if there is amplifier drift present and there is no need to observe or train frequencies below 0.5 Hz.

Focus

The Protocol is now ready for Modification

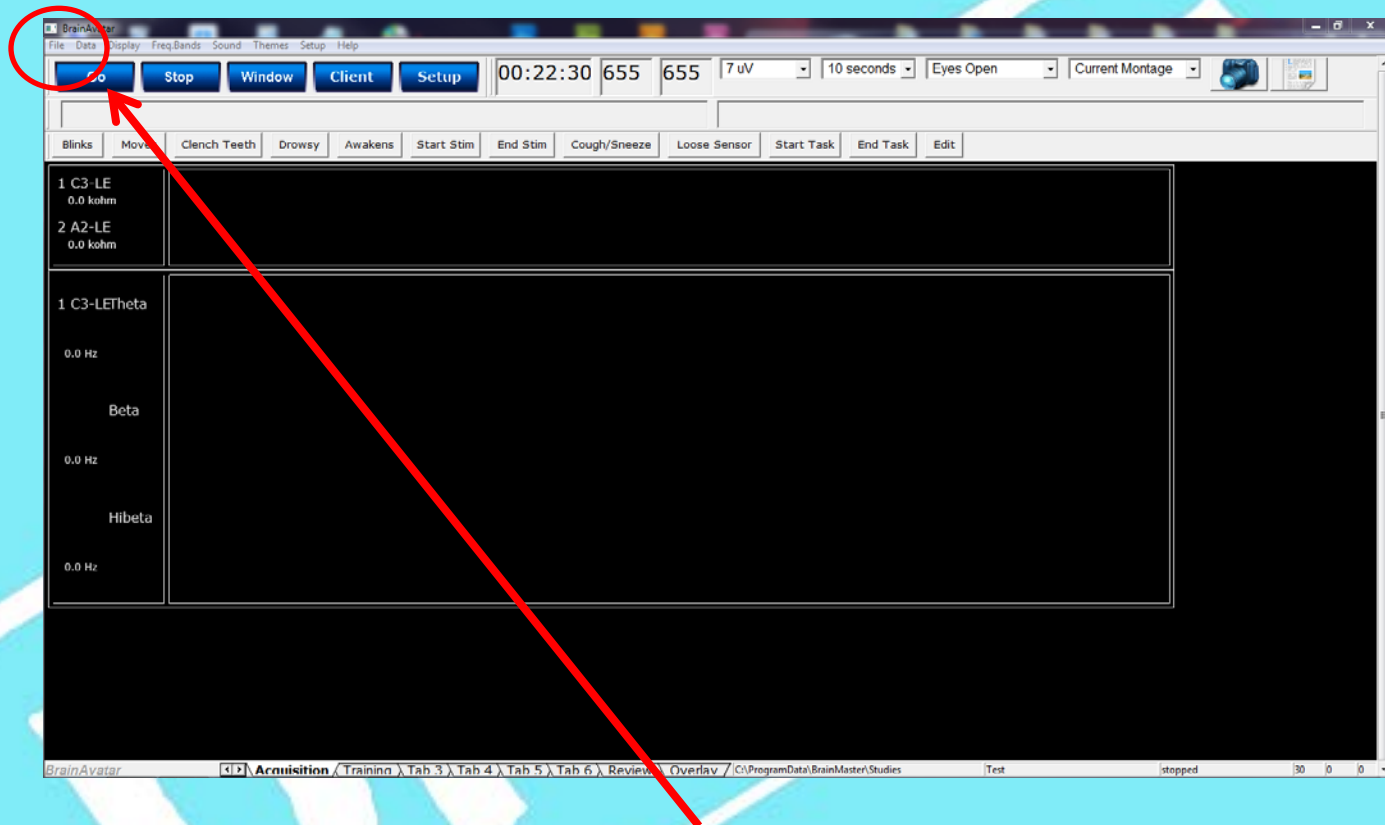


There is also additional filtering available.

- Mindset EEG Notch Filters include both 60 Hz filtering to eliminate noise created by US type electrical outlets, and 50 Hz filtering for European type electrical outlets. The Mindset setting also adds a high frequency cutoff above 34 Hz.
- Standard 60 Hz and 50 Hz filtering without the high frequency cutoff is also available.

Focus

The Protocol is now ready for Modification

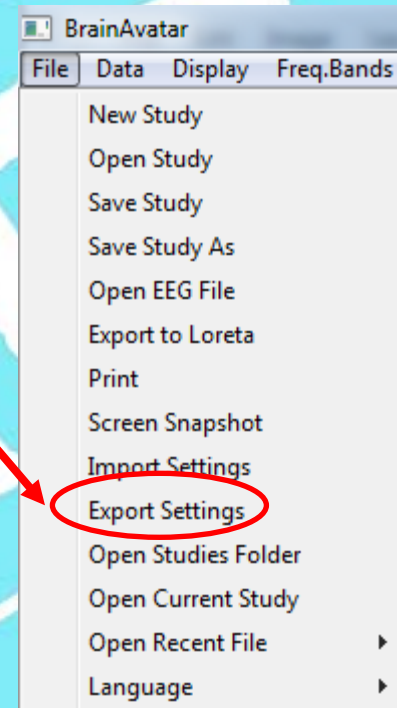


Once you close the Settings Screen you are returned to the “Acquisition Tab” of the Protocol. You may now save the changes made by selecting “File”.

Focus

Level 2

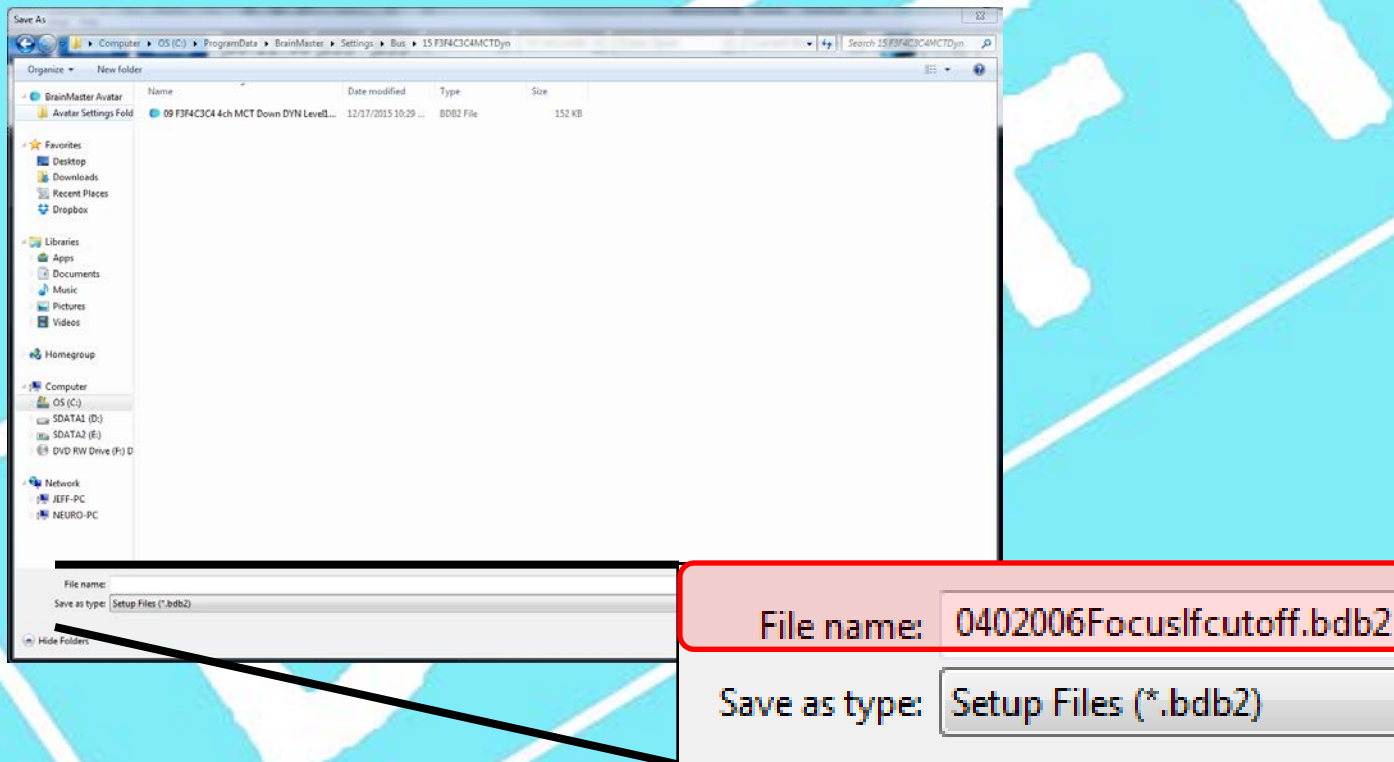
Next click “Export Settings”.



Focus

Level 2

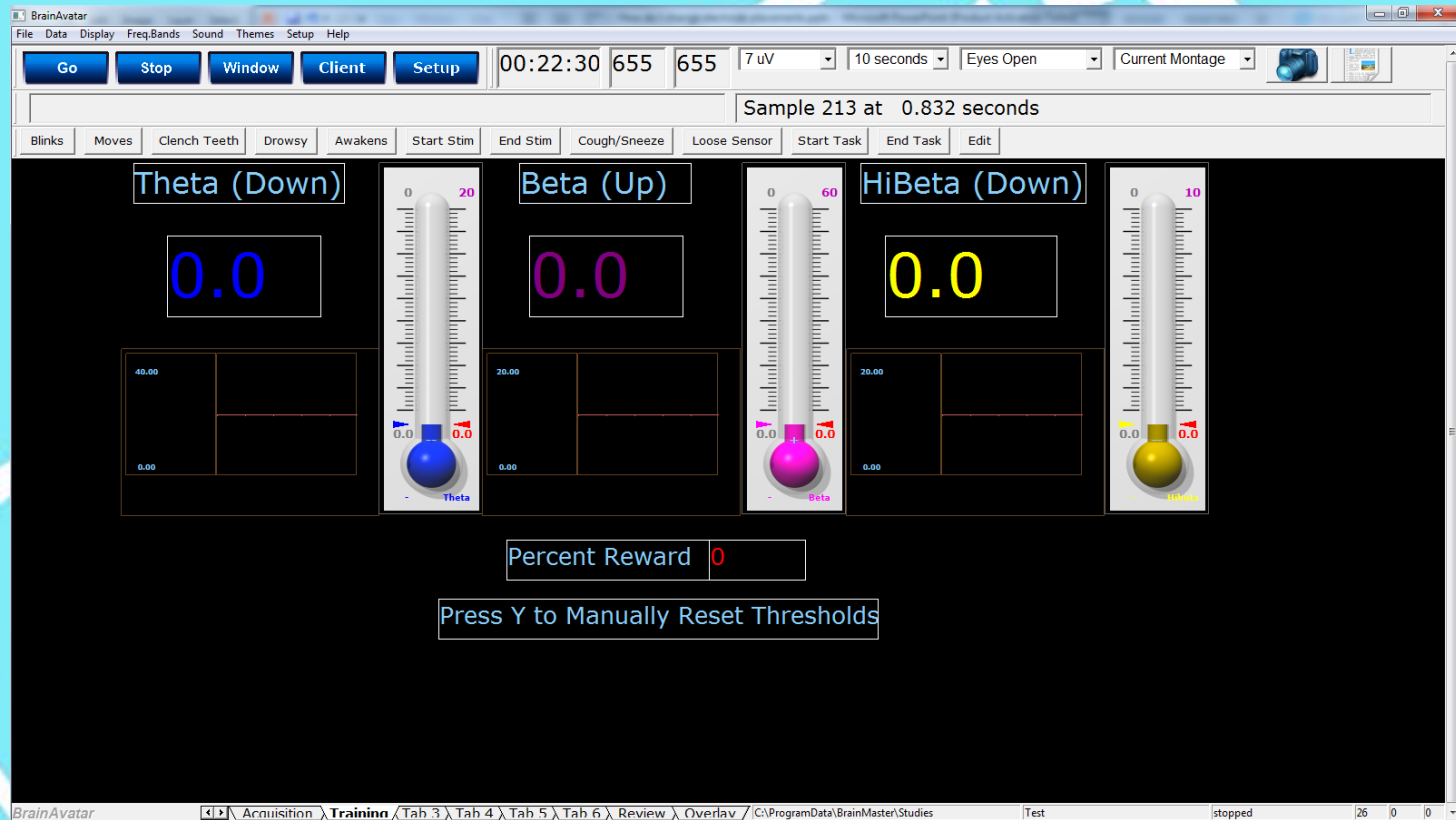
Find the folder where you keep these settings and name the file appropriately in the “File Name:” window.



Focus

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



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