**Recording 1:**

####The following tasks were performed for the following times. ####

Units are microVolts

1. Use First Data
   * 1. How did removing 60Hz noise effect the signals?

The dominate frequencies during rest are at

* + 1. How long does it take the recorded signals to stabilized? Is this related to the filter/superposition?
  1. Use superposition on C3: C3.-[Cz, C4, Pz, Fz]
     1. Which artifacts get smaller vs larger?
     2. Explanation

1. Use second data
   1. Didn’t do this
   2. Record data
   3. Every 4 seconds Decide if Eyes are open or closed
   4. Power of spectrums.
   5. Statistics
   6. Conclusions
   7. Implement power-by-band in Simulink
      1. Instantaneous
      2. Compute band-power value with settable threshold?
         1. Display something when above threshold