

ECE153B Lab 5 Questions

We were able to get the full step motor to have a delay of around 600 before we noticed it didn't rotate fully.

We were able to get the half step motor to have a delay of around 225 before we noticed it didn't rotate fully

Half stepping frequency is higher because the step is half as short so the delay doesn't need to be as long to get there.

The CCR values we ended up using for the servo motor was 49 for -90 degrees, 134 for 0 degrees, and 230 for 90 degrees.