

Advisors: Mani Mina, John Pritchard **Client:** Minnetronix

Members (roles): Brandon McDonnell (Group Lead); Justin Long (Web Master), Timothy Dee (Key Concepts)

Project: Remotely Connected Electric Field Generator for Particle Separation in a Fluid

Weekly Summary

It seems as if the initial constraints put on us for this project will not be obtainable or at least outside of the scope of our project. Amplifiers seem to be either made for low voltages and really high frequencies or high voltages and really low frequencies. We need an amplifier that can handle 60Vpp at 1MHz and the only ones we found capable of that were \$150 and up.

Weekly Notes

Have a working project with limitations on the output in terms of what we were originally setting out to do

Got our final presentation and final report together for our presentation next week

Pending Issues

Limitations on our circuit for what frequencies and voltages it can output.

Plans For Next Week

We have our final Industry review presentation next week so prepare for that presentation

Individual Contributions

Total Contributions

Brandon McDonnell	15hrs	145hrs
Tim Dee	18hrs	163hrs
Justin Long	15hrs	155hrs