

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

We attempted another solution to the multistage amplifier this week by using solid state relays (ssr). We got the SSR's and did some testing but discovered they had frequency limitations and unfortunately would not be able to work for our system requirements.

Weekly Notes

A lot of simulation and circuit testing to attempt to get a working version of the multi stage amplifier

Pending Issues

Still need adequate solution to get amplifier circuit working

Plans For Next Week

Work on PowerPoint slides for presentation with George

Individual Contributions

Total Contributions

Brandon McDonnell	5hrs	97hrs
Tim Dee	8hrs	115hrs
Justin Long	20hrs	106hrs