

EE 492 Weekly Report #8

Date: 03/23/2014

Group Project: Garmin - Energy Harvesting in Fitness Electronics

Website: <http://seniord.ece.iastate.edu/may1417/index.html>

Project Number: May14-17

Client: Adam Rasmussen

Advisor: Dr. Degang Chen

Group Members:

- Tyler Chenhall – Project Leader & Foot-Pod Team Member
- Rebekah Dejmaj – Communications & Webmaster & Foot-Pod Team Member
- Catherine Homan – Research & HR Monitor Team Member
- Allison Sapienza - Research & HR Monitor Team Member
- Omer Vejzovic – Research & Foot-Pod Team Member
- Jeramie Vens - Research & HR Monitor Team Member

Accomplishments in the Past Week

- Held a meeting with Dr. Chen
- Submitted the BOM and board layouts for the revision two designs
- Added several pages to the thermal section of the Research Document
- Added some calculations & estimations to the RF section of the Research Document
- Performed more testing of the thermal board with smaller heat sinks

Plan for the Upcoming Week

- Populate the revision two boards if they arrive
- Begin Rev. 2 testing (if boards are here)
- More work on the Research Document, with a focus on adding more to the thermal sections, overall calculations, and source citations
- Start planning for the meeting & presentation with Dr. Amariucaí on April 7th

Pending Issues

- None

Individual Hours

- Tyler – 7
- Rebekah – 4.5
- Catherine – 4
- Allison – 6
- Omer – 1.5
- Jeramie – 4.5