

EE 491 Weekly Report | Dec15—02 | Week 3 2/2/2015

Project Title: Human Dielectric Equivalent Model	
Advisor: Jiming Song	Client: Honeywell
Members (roles): Jacob Schoneman (Team Leader), Cory Snooks (Communications Leader), Andrew Connelly (Webmaster), Stephen Nelson (Concept Holder).	

Weekly Summary:

We met with our advisor and spoke with Cory Nelson. Goals were set for the week to find which software to use, load team bios on the website, gather data and start researching, and reach out to professors in the department that may have insight into our project .

Meeting Notes:

Cory Nelson spoke about the project.

- 1) The project is to provide a software model that will be used to model signal behavior through the body.
- 2) The device will transmit through direct contact.
- 3) There is no industry standard for frequencies used in close contact with the body.
- 4) The software must provide S-parameter files
- 5) Some software to consider: Microwave Office, CST Microwave Studio, and HFSS

We will be speaking with a graduate student on 2/9/2015 about which software to use.

Pending Issues:

Finding the right software to use. Building a human model. Displaying the model and getting the code to transfer to different formats.

Plans for Next Week:

Decide on a software and start building the model. Meet with Advisor on Monday. Meet with Group on Thursday.

Individual Contributions (This Week):

Jacob Schoneman: 3 hours
Cory Snooks: 3.5 hours
Andrew Connelly: 3.5 hours
Stephen Nelson: 4.5 hours

Total Contributions for the Project:

Jacob Schoneman: 5.5 hours
Cory Snooks: 6.5 hours
Andrew Connelly: 9.75 hours
Stephen Nelson: 8.5 hours