

EE 491 Weekly Report | Dec15—02 | Week 7 3/9/2015

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:

The group worked on the outline for the Design document and assigned parts to group members. The group looked into the ITIS model and decided that we can find a better option.

Meeting Notes:

We ordered Plaster of Paris and gelatin to start working with the mold. We decided that the easiest way to measure the complex impedance is with a parallel plate capacitor. We are only going to focus on frequencies below 20 MHz due to equipment limitations.

Pending Issues:

Need to research material to use for the frequency bands of interest. Finding materials that are accurate and will not deteriorate.

Plans for Next Week:

Meet with advisor on 3/9/2015. Meet with group on Thursday. Continue with materials research.

Individual Contributions (This Week):

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

Total Contributions for the Project:

Jacob Schoneman: 26 hours
Cory Snooks: 27.5 hours
Andrew Connelly: 25.25 hours
Stephen Nelson: 30 hours