EE 492 Weekly Report|Dec15—02| Week 10 11/2/2015

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

Weekly Summary:

Worked on presentation slides. Made samples to be tested on the network analyzer. Investigated HFSS.

Meeting Notes:

Our conductance from the Y parameters show a reliance on frequency, so we are switch to the Z parameters which are mostly constant across our frequency range. Tested pucks made of only TX 151 for a baseline conductivity. Wrote a Matlab script to plot the data.

Pending Issues:

Testing materials and sorting through the results. Getting models working in HFSS.

Plans for Next Week:

Continue research, testing, and phantom construction. Continue to develop HFSS model.

Individual Contributions (This Week):

Jacob Schoneman: 13.5 hours
Cory Snooks: 8.5 hours
Andrew Connelly: 14 hours
Stephen Nelson: 20 hours

Total Contributions for the Project:

Jacob Schoneman: 139
Cory Snooks: 149
Andrew Connelly: 130.25
Stephen Nelson: 192