

# EE 492 Weekly Report | Dec15—02 | Week 4 9/21/2015

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

<b>Weekly Summary:</b>
Ordered parts/equipment for phantom construction. Tested material feasibility. Conducted research on electromagnetic principles and anatomy. Started phantom construction. Worked on HFSS simulation.
<b>Meeting Notes:</b>
Verified budget with Honeywell. Requested Bodycom technology from Honeywell for testing. Spoke about getting the S parameters from HFSS simulation.
<b>Pending Issues:</b>
Phantom construction and testing. Compare simulation results to phantom results.
<b>Plans for Next Week:</b>
Continue research, testing, and phantom construction. Continue to develop HFSS model.
<b>Individual Contributions (This Week):</b>
Jacob Schoneman: 2.5 hours Cory Snooks: 4.5 hours Andrew Connelly: 3.5 hours Stephen Nelson: 10 hours
<b>Total Contributions for the Project:</b>
Jacob Schoneman: 85 Cory Snooks: 105.5 Andrew Connelly: 84.75 Stephen Nelson: 113