

Names of students in the group: Josh Rohman and Mike Bly

Exact title of the project: Reconfigurable Antenna with Matching Network

Advisors of the project: Dr. Shastry

No more than 8 lower case letter acronym for the project: ramn

University login name of each student in the group: jrohman, mbly

A brief description of the project:

For this project we will be creating a network of at least two varying frequency antennas. We will allow for switching between these antennas to allow for better signal reception/delivery. This is a method that can be currently found in some RF systems; however, we will attempt to improve upon the current method/system. We will attempt to create a better switching system, more accurate antennas, or a better overall system design based upon the current methods. Most importantly our project goal is to create a switchable RF antenna system that will be coupled with a matching network with the hopes of improving the overall system in a manner not currently implored.