Group 28 Meeting Minutes September 17 2018

Time and Location: 5-630 in Library

Attendance: All

* Discussed project schedule with R1 October 15, R2 November 15, and prototype or demo end of November or Start of december
* Attempted to decide on the direction for the project
* Each member was to investigate a wireless technology for potential use for the project
  + RF, wifi, zygbee, and bluetooth
* Basic idea for proposal to advisor was devised
* Proposal to be made to advisor on Thursday September 20 2018
* Basic idea is to have a single multiband antenna, move around the antenna with an arduino or phone. Have this device plot the signal strength in 2D, this would have the effect of showing beam pattern as well as strength.
* If time allows this concept could be extended to 3D.
* Measuring of other characteristics to be further investigated. Perhaps signal to noise ratio?
* Project should be fairly low cost