

Senior Design Weekly Status Report; Fall 2022

Team Name: sdmay23-23

Team Members: Aaron B, Alec G, Aryan P, Brock V, Hamza S, Jonathan I

Report Period: 09/23 to 09/30

Summary of Progress in this Period

- Established roles for the design
- Performed research regarding topics that we will be the “experts” of
- Brainstormed Ideas for implementation
- Gained familiarity of systems we will be using

Pending Issues

- Unsure about some theory behind antennas
- Lacking clarity of specific equipment we will be using

Plans for Upcoming Reporting Period

- Verify equipment we are using (which VNA, Motor controller, etc.)
- Begin prototyping/ CAD design of hardware
- Begin software prototyping of how radiation should be modeled