

Senior Design Bi-Weekly Status Report; Fall 2020

Team Name: sdmay21-14

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Report Period: Oct 25-Nov 8

Summary of Progress in this Period

- Introduced members to Altium Designer tool
- Revisited the transmission and reception of signals
 - Explored low-power transceivers as replacement for wake-up receiver and MCU transmitter
 - Ordered transceiver evaluation board
- Learned how to use the harvester and the current setup used for testing by grad students.
- Visited grad student and learned the expected harvester setup.

Pending Issues

- Finalize transceiver IC & high-level design
- Finish “last lightning talk”

Plans for Upcoming Reporting Period

- Continue testing Powercast harvester
- Submitting design doc to Canvas as well as consulting advisor and/or TA for feedback