2.12 Software Defined Radio Weekly Status Report

May 1, 2019   Submitted by: James Bell

Course Instructor: Mr. Welker
Faculty Advisor: Dr. Stapleton
Sponsor: Texas State University

Team Members:
James Bell [PM]   Zachary Schneiderman
Samuel Hussey

Red   Current Project Status

We are down to the wire trying to get the transmit working and it is unlikely this will occur. We have reduced the form factor of the radio to fit in its original case for safety at senior design day and we will be meeting Sunday the 4th to try one last time to get transmit working.

Individual Updates (Activities Completed, Activities Planned)

James	Created the senior design day power point, updating/delegating paperwork, doing team report and individual final report.
Zachary	Re-did the radios power board, changed the radios form factor though rewiring, and senior design day poster, I will be doing code commenting, team and individual reports.
Samuel	Researched microphone implementation, updated the diagrams, LTspice documentation updated, working on team, individual reports and transmit side of radio.

Upcoming Deliverables (course and project due in next 2 to 3 weeks)

Deliverable	Due Date	Status
Transmit Code Implementation	4/17/2019	In Progress
Microphone implementation	4/10/2019	In Progress
Senior design day poster	4/29/2019	Done
Senior design day power point	4/29/2019	Done
Get Function wave generator for senior design day demo	5/7/2019	In Progress
Put radio in enclosure for safety	5/7/2019	In Progress

Sponsor and Faculty Advisor Meetings/Calls Held & Planned

Who	Last	Topic(s)	Next
Mr. Welker	5/1	Weekly Meeting	5/7