**Redundant Testing system for DFA antenna**

**Date: Feb/13/2016-Feb/19/2016**

Group number and Name: May1604

Client: FRCCP

Advisor: Gary Tuttle, Nathan Neihart

Attendees/Role: Mario, Jesús, Jean, Zhihao, Mukund

* **Past week accomplishments (please describe as what, who, when)**
* We met with Professor Gary Tuttle and Professor Nathan Neihart at a weekly meeting time.
* In this meeting, our group members asked some questions with our advisor.
* Jin, Mario and jesus continued building and testing the circuit using through hole components. They tested the signal output from the balance modulator.
* Mukund and Zhihao started work on the arduino transmission. ETG was able to install the Arduino add-ons for MATLAB but the correct system was working only by Thursday. The add-ons didn’t work on MATLAB 2015a but did work on MATLAB 2015b. Currently MATLAB 2015b is installed with the add-ons on computers 1,2&9 of the senior design room.
* **Plan for coming week (please describe as what, who, when)**
* Jin, Mario and jesus will finish to testing the circuit.
* Mukund and Zhihao will start work on the matlab-arduino transmission. The goal by next week is to get an input of a 1KHZ wave from a function generator.
* We will have our weekly meeting on Wednesday with Professor Gary Tuttle and Professor Nathan Neihart.