**Date: 10/11/2014**

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| **Group Number and Name** | **#14 Low Cost RF power meter** |
| **Client/Advisor** | **Dan Stieler/ Prof Neihart** |
| **Attendees/Role** | **Silu Feng/Leader, Xiaoshuo Li/key idea holder, Yijia Huang/webmaster, Boyang Hu,Cong Han/communicater, Yusi Xie/key idea holder** |

# Past week accomplishments

What was done, who did it, and when it was done

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| * The diode group test the voltage regulator on ADS. * The layout of PCB board is done in eagle software. * The coupler group tests the coupler. * The coupler group builds their closure. |

# Plan for coming week

What to do, who, and when should it be done

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| * The coupler group needs to test the coupler. * The coupler group need to finish coupler building. * The diode group needs to test the bias voltage. * The diode group needs to find a wall wart for input power as dual rail supply. * The diode group needs to put the circuit on PCB board. * We need to meet with client Dan to tell him the current progress. |

# Pending Issues

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| * Build and test the directional coupler in the box. * Finish the design and PCB layout of diode detector. |

# Individual Contributions

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| * Silu Feng work with Yijia Huang test directional coupler, turn the core, build and design the directional coupler. Buy the resistor. (6 hr) * Xiaoshuo Li use ADS to test diode detector. Work with Boyang Hu to design and test the offset voltage supply for the op amp. (8 hr) * Yijia Huang test directional coupler and get reasonable data (2 hr). Building our closure: cable cut, rub surface of the box, connectors, solder lugs, screws and wires with sand paper, PC board cut and winding toroids (4 hr). * Boyang Hu work with Xiaoshuo Li to design and test the offset voltage supply for the op amp. (4 hr) * Cong Han keep finishing the PCB board design(2hr). * Yusi Xie work with Yijia Huang to test and build the coupler. (4hr) |

Individual hourly Contributions

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| **NAME** | **Hours this week** | **HOURS**  **Cumulative** |
| Silu Feng | 6 | 31.5 |
| Xiaoshuo Li | 8 | 47 |
| Yijia Huang | 6 | 40 |
| Boyang Hu | 4 | 35.5 |
| Cong Han | 2 | 28.5 |
| Yusi Xie | 4 | 29 |

# Comments and extended discussions:

We all did a great job in the past week.