**Date: 11/16/2014**

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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 sent out the PCB gerber file and part list to Lee. * The coupler group build and test single transformer. * The coupler group build updated coupler in the new closure. |

# Plan for coming week

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

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| * The coupler group needs debug the finished closure. * The diode group needs to start build and test when the parts arrived. |

# Pending Issues

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| * Debug the build of the coupler. * Build and test the diode detector. |

# Individual Contributions

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| * Silu Feng work with Yijia Huang debug the closure. (6 hr) Test coupler in single transformer. (3 hr) * Xiaoshuo Li work with Boyang to finish the part list. Work with Cong on the gerber file of Eagle PCB software. (6 hr) * Yijia Huang build single transformer in the closure. (2 hr) Test single transformer with functional generator and debug. (3 hr) Build updated directional coupler in the new closure. ( New PC board cut, drill holes, solder) (8 hr) Review directional coupler concept includes: RF power, forward power, reflective power, Tandem match coupler… (6 hr) Collect data, analyze data and debug system in the closure. (8 hr) * Boyang Hu work with Xiaoshuo on the part list. Learn how to put parts on PCB board. (5 hr) * Cong Han work with Xiaoshuo on the PCB gerber file. (4 hr) * Yusi Xie work with Yijia Huang debug the closure. (6 hr) Test coupler in single transformer. (3 hr) |

Individual hourly Contributions

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| **NAME** | **Hours this week** | **HOURS**  **Cumulative** |
| Silu Feng | 9 | 58 |
| Xiaoshuo Li | 6 | 72 |
| Yijia Huang | 27 | 86.5 |
| Boyang Hu | 5 | 54.5 |
| Cong Han | 4 | 48.5 |
| Yusi Xie | 9 | 55.5 |

# Comments and extended discussions:

We all did a great job in the past week.