

**EE/CpE 415/423 – 416/424
2001 Fall – 2002 Spring
WEEKLY STATUS REPORT**

Group No. : 9

Date: 04/07/03

Report No. : 23

Project Title: Missile Course Deviation

Group Leader: Zhanna Lasun

Advisor: Professor Sumit Ghosh

Sponsor/Client: _____

Number of Hours Spent on Project by Group in Past Week: 20

Project on Schedule: Yes

During the past week the most part of the work was done on the micro-wave simulation. Ana and Luis found a program that simulates the behavior of microwaves and its effects on electronic device, such as strength and radius. The program is called SONNET and was obtained off the internet from www.sonnet.com . It gives an electromagnetic field graph and local hot points in the desired region of radiation. The model is built using the program with the size and distance of our actual prototype testing parameters and the point of radiation input. The program shows a color coded diagram of the hot points and the intensity of the radiation at each point.

Zhanna and Maile have been working on the animation. We are down to one computer with the program now, since the program is only a trial version and expires after certain amount of time.

The group has scheduled to finish the microwave simulation and animation by April 15th, so we can take the next 2 weeks to concentrate on the poster presentation material and finalizing the appropriate information for the report.