

I. Project Updates (15 min)

- a. Cables
  - i. Attenuation in the cable meets spec!
  - ii. Overall it looks like the goal of having less than 100 dB of loss is attainable.
- b. Spherical system
  - i. Brent is still working on cooling, longer performance
  - ii. Have not seen improvement as of yet.
- c. Planar system
  - i. We have purchased TB6560 Driver Chip/CNC Controller
    - 1. Estimated arrival of 10/17-10/24
  - ii. While we wait:
    - 1. Configure our system for parallel port communication
      - a. Do we need an USB adapter? Will this even work?
      - b. Can we add a LPT port via PCI?
    - 2. Need to start determining how we will adapt the code for the new board.
- d. Cable management
  - i. Rob, would you be able to put together a list of some possible solutions and your recommendations?
- e. Project Schedule
  - i. I'm currently revising the schedule to reflect cable measurements and purchase of a new board.
  - ii. Need to start developing our Test Plan due 10/19

II. Anything else?(5 min)