5. APPENDICES

5.1 How to Use ADS

To start ADS use the following commands:

source /apps/ads2002/Startup.EE
hpads

Alternately to avoid sourcing SETUP you could enter in your .cshrc file:

setenv HPEESOF_DIR /apps/ads2002
setenv LM_LICENSE_FILE $HPEESOF_DIR/licenses/license.dat
set path = (, $HPEESOF_DIR/bin $path)

TUTORIAL:
If you are new to ADS you should go through the tutorial. For this purpose click on Help in the Advanced Design System (Main) window. Select Topics & Index. A new window labeled manuals.fm with hypertext mark-up giving you access to the full ADS documentation appears. Select (click on) Getting Started with Circuit Simulation to open the on-line tutorial. You will need to go through Program Basics (Chapter 2) and Introduction to RF Board Simulation (Chapter 5). Additional information is also available in User's guide and Data Display of the original help window manuals.fm.

MOVING OR SHARING DESIGNS:
Note that if you are moving your design files to another directory (or want to share them with someone else) you can copy both the .dsn and .ael files of the bf /networks directory of your project directory. The .atf files are generated automatically.

IMPORTANT NOTE:
It is important not to exist ADS in an unconventional way. When you do ADS keeps running in the background even if you log off. We have only ten user licenses and we quickly run out of them if such processes are running in the background. The consequence is that other people (including yourself) stop being able to use ADS. Please exit ADS using the exit command in the Project menu.
If ever ADS dies or is exited unconventionally you need to kill all the unix process which are still running. For this purpose type:

ps
or type:
ps -ef | grep yourusername

Then kill the job number involving your name and hpeesof. For example by typing ps -ef | grep roblin the user roblin obtained among other thing:

  roblin 14776 14775 Jan 5 pts/0 hpeesofviewer /apps/hpeesof/bin/hpeesofviewer

To kill that job simply type:
kill -9 14776