AE-9/AP-9 Radiation Belt Model
Release Notes

Version 1.04.001
March 22, 2013

Documentation Changes

- Extensive updates and clarifications have been made to the User's Guide

- Extensive updates and clarifications have been made to the build instructions

Software Changes

- SM has been added to the list of recognized acronyms for the Solar Magnetic coordinate system

- A conversion function from internal date time format to modified Julian date was fixed. It was previously off by one day

- Obsolete database files have been removed from the distribution

- A new utility program, 'IntegralPlasma', has been added to the distribution. IntegralPlasma is used for the conversion of the 'plasma' energy level result output files of Ae9Ap9 'integral flux' calculations. See the updated User's Guide for additional details.

- A new utility program, 'CoordsAe9Ap9', has been added to the distribution. CoordsAe9Ap9 is used for processing input satellite position information to generate standardized ephemeris database files that also contain the magnetic field information, and adiabatic invariant values for multiple pitch angles. See the updated User's Guide for additional details.