

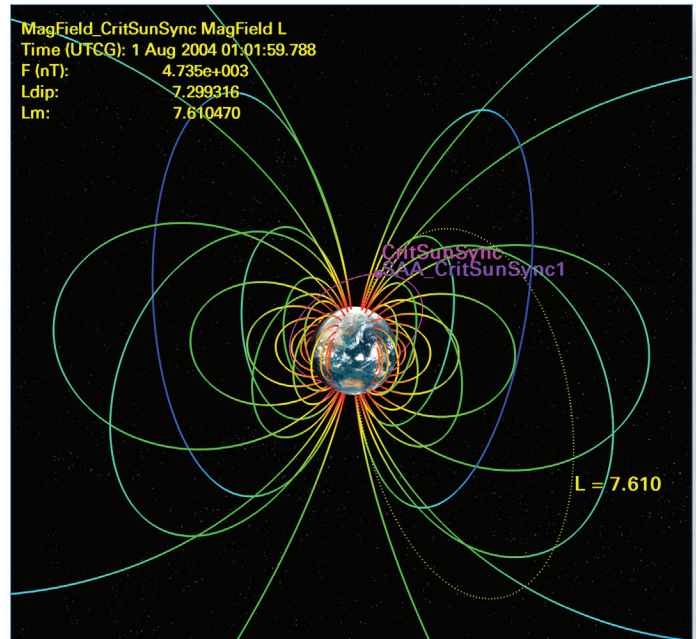
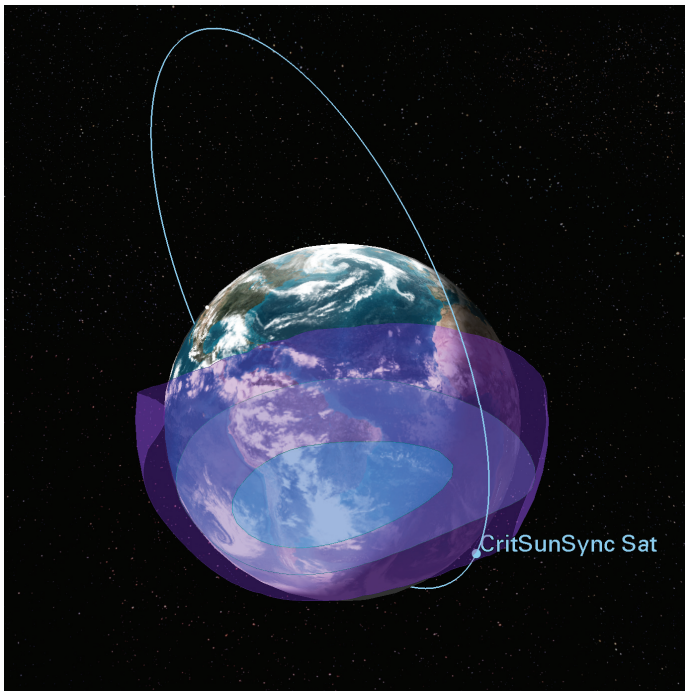
Whether you're doing trade studies, mission planning, or satellite design, or just contemplating the long-term impacts of the space environment on your spacecraft, AER's Space Environment and Effects Tool for AGI's STK provides the expert analysis tools you need. Designed by leading space physicists and derived in part from the highly regarded AF-GEOSpace code, STK/SEET models the near-Earth space environment and its expected impacts on your space vehicle.

Robust Custom Handling of the Modeled Radiation Environment

STK/SEET provides the radiation dose information you need to model your equipment's performance degradation and its expected lifetime.

Compute SAA Transit Times & Probable Fluxes on Your Custom Orbit

With STK/SEET you can mitigate the risk of Single Event Upsets and latch-up to your mission by estimating expected SAA entrance and exit times and knowing when to turn off or reboot your LEO spacecraft's sensitive electronics.



Predict the Likelihood of Damaging Meteorite or Space Debris Impacts

Mitigate your risk of damaging impacts due to small particles and debris by using STK/SEET to customize your spacecraft design and plan your orbit strategy prior to launch.

Estimate Mean Temperature Due to Solar & Reflected Earth Radiation

With STK/SEET you can produce a likely range of mean vehicle temperatures for your spacecraft and plan for those that impact its performance.

Compute Magnetic Fields, Trace Fieldlines, and Determine Conjugacy

Using a highly customizable set of conditions, STK/SEET computes the local magnetic field at your satellite providing, among other things, information about its attitude along your specific satellite path.

*If you would like to learn more about STK/SEET or AGI's other products, please contact AGI at **1.800.220.4785** or **1.610.981.8000**, or visit **agi.com/SEET***