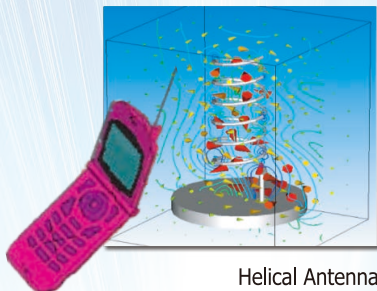
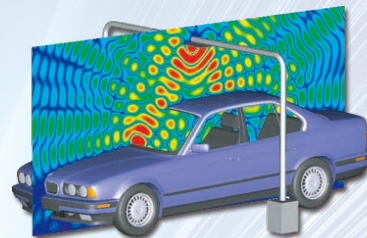


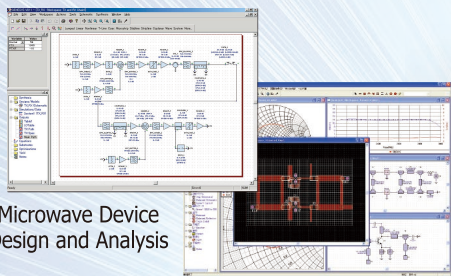
PCB Analysis



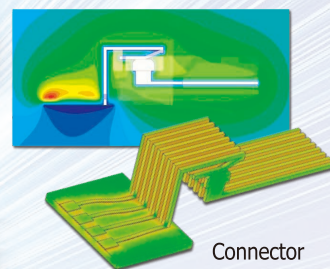
Helical Antenna



Intelligent Transport System

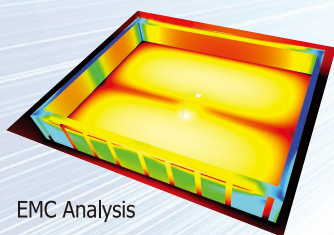


Microwave Device Design and Analysis

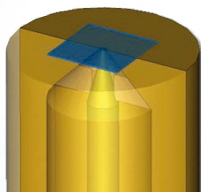


Connector Design

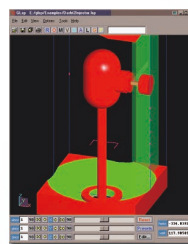
AET Professional Services



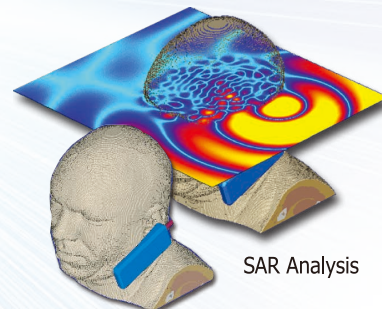
EMC Analysis



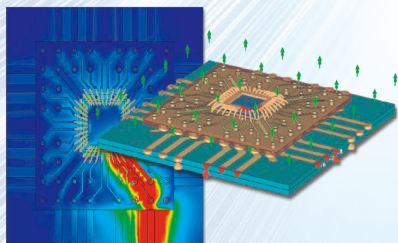
Dielectric Measurement



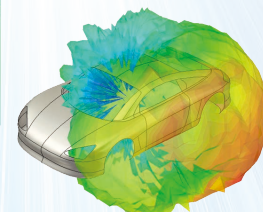
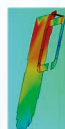
Analysis of Charged Particles



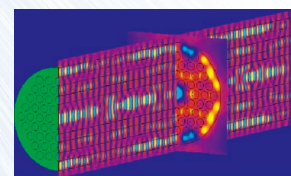
SAR Analysis



LSI Packages



Antenna Placement



Optical Fiber

AET Professional Services

AET Professional Services specialize in the development of antenna, microwave devices, and signal integrity and EMI analysis for high-speed digital circuits. We also provide microwave dielectric and magnetic measurement services for solid, liquid and gas materials.

Design and Analysis Services

Microwave Device Design and Analysis

- Microwave Cavity
- Filter
- LTCC Module
- TRX Module Design
- PBG Structure
- Coupler
- Transition
- Ferrite Device
- Klystron
- Photonic Band Gap

Signal Integrity and EMI Analysis

- High-speed Interconnect Modeling
- High-speed Busses and Backplane
- Characterization of LSI Packages
- Mixed-domain Analysis for Gigabit Circuits
- EMI Analysis for PCB and Enclosure

Accelerator Design

- Electron Accelerators
- Ion Accelerators
- Injectors
- RF Guns

Broadband Antenna Design and Analysis

- UWB Antenna
- Microstrip Patch Antenna
- Array Antenna
- Horn Antenna
- Embedded Antenna
- SAR Analysis
- Antenna Isolation Analysis

Microwave Dielectric Measurement Service

- Substrate Materials for High-speed Circuits
- Low Loss Dielectrics of Filters and Antennas
- Thin Film Materials
- Semiconductor Materials

E-Beam, Ion Sources and X-Ray Tube Design

- Electron Gun
- Ion Sources
- X-ray Tube

RF/Microwave and Signal Integrity Design Tool Suite

- CST MW STUDIO: Multidomain EM Field Simulator
- Apach Design Solution NSPICE: Mixed-domain Circuit Simulator