<~ EZ-FDTD ~>

Electromagnetic Simulation *by* Engineers *for* Engineers

Very FAST and *ACCURATE*
Design Discovery

Based on the powerful Finite Difference Time Domain simulation technique, EZ-FDTD brings the power of full wave electromagnetics to solve complex EMC and SI/PI problems for any frequency range that your real-world applications demand. Eliminates guessing during design and rule of thumb uncertainty. Provides insight, confidence,…and solutions.

EASY to USE!

Functionality and Features

- ✓ *User-friendly GUI*
- ✓ *Win7 & 10 platforms*
- ✓ *Full-wave modeling*
- ✓ *Powerful E- and H-field animation*
- ✓ *Time domain or frequency domain analysis*
- ✓ *Debye material*
- ✓ *Electric and magnetic field calculation*
- ✓ *Far field calculation*
- ✓ *Voltage and current probes*
- ✓ *Lumped RC elements*
- ✓ *PML, Mur, or Liao boundary conditions*
- ✓ *Sub-cell features*
- ✓ *Multiple sources*
- ✓ *Custom objects*
- ✓ *…and more!*

Applications

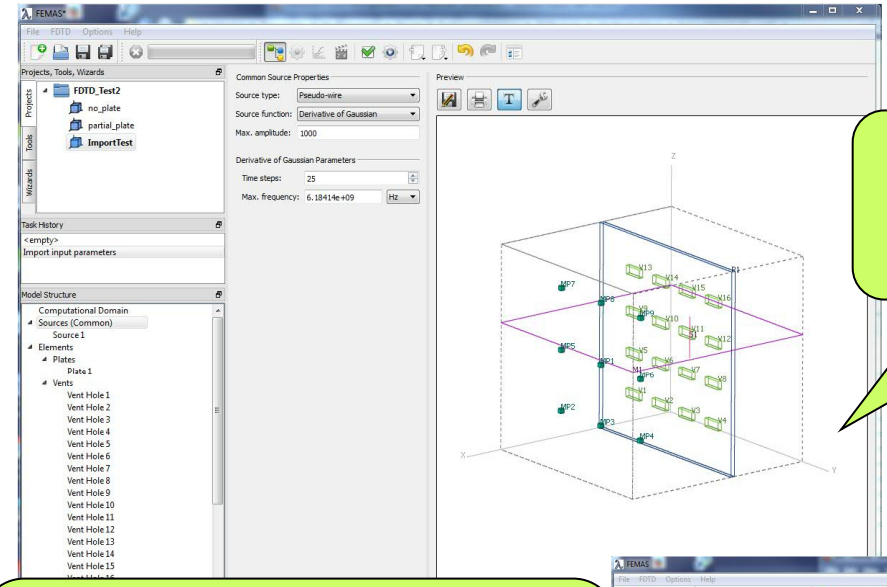
- ✓ *Antenna applications and design*
- ✓ *Cell phone antenna design*
- ✓ *SAR studies*
- ✓ *Material modeling*
- ✓ *Transmission lines*
- ✓ *Radar cross section*
- ✓ *Shielding analysis*
- ✓ *Resonance analysis*
- ✓ *Filter design*
- ✓ *Board emissions and susceptibility*
- ✓ *Printed circuit board modeling*
- ✓ *Power plane decoupling analysis*

AFFORDABLE!

www.ems-plus.com

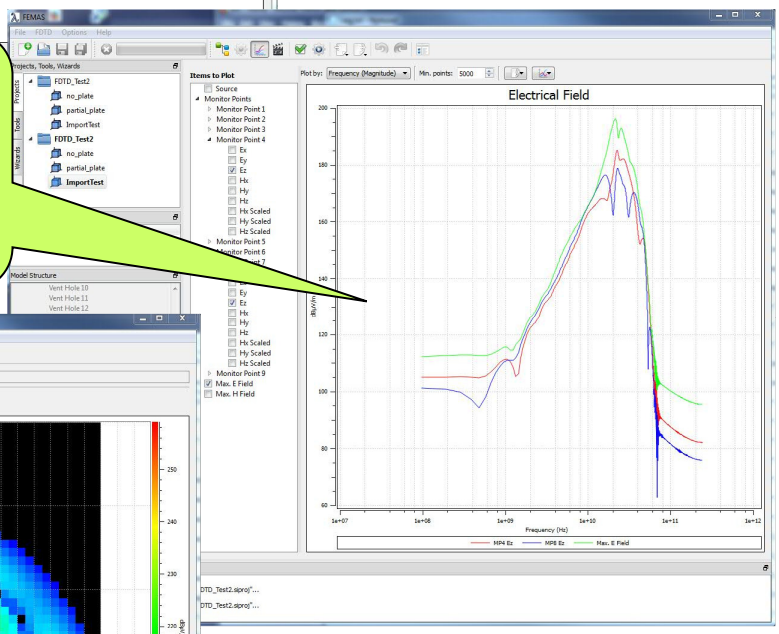
EMS + **EMS-PLUS, P.O. Box 1265, Four Oaks, NC 27524-1265, Info@ems-plus.com**

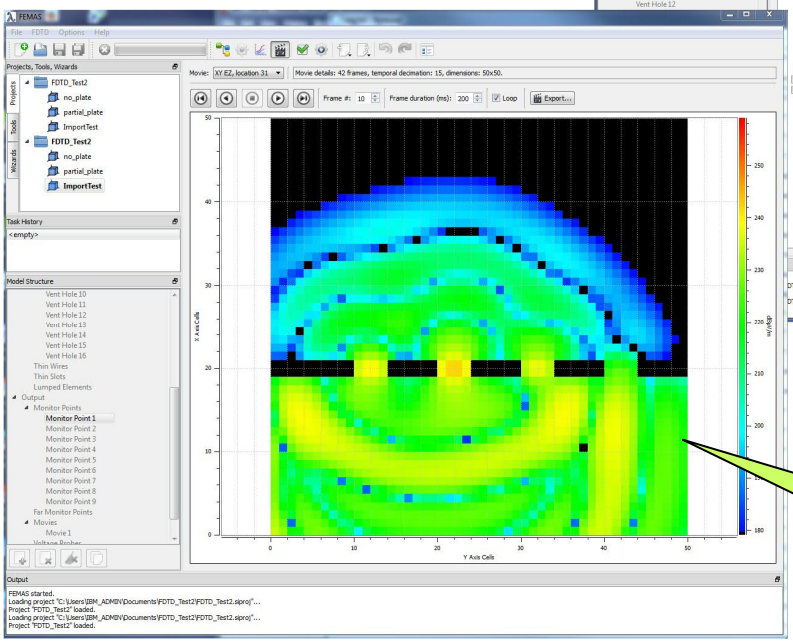
New Look and Feel!



Easy to create models!

Simulation results in both time & frequency domain!





Animation of fields!