3D EM Simulator

CST of America, Inc. announces CST MICROWAVE STUDIO&reg, version 2006. The new version now includes the use of the CST DESIGN ENVIRONMENT&#153 as a common access point to CST’s solver technology. Structures are presented in 3D and schematic views and the comparison of models and co-simulation has been facilitated by a new multi-document interface. Key product features include: Easy coupling of EM with circuit and thermal analysis in one tool; automated co-simulation with Agilent Technologies’ Advanced Design System; Tetrahedral frequency domain solver completed: advanced true surface meshing, absorbing boundary conditions, farfields, gyrotropic media, lumped elements, arbitrarily shaped unit cells, adaptive meshing, adaptive broadband frequency sweep; improved interface with Cadence&reg Allegro® and new PBA meshing algorithm, suited for highly complex imports. The CST STUDIO SUITE&#153 is made up of the company’s 3D EM simulation tools: the CST MICROWAVE STUDIO&reg for high frequency applications, CST EM STUDIO&#153 for low frequency and statics, and CST PARTICLE STUDIO&#153 for charged particle dynamics, and is rounded off with CST DESIGN STUDIO&#153 for synthesis and circuit simulation. All programs are accessible through the CST DESIGN ENVIRONMENT&#153 which facilitates multiphysics and co-simulation.

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