Femtet

mkoR

Electromagnetic Analysis

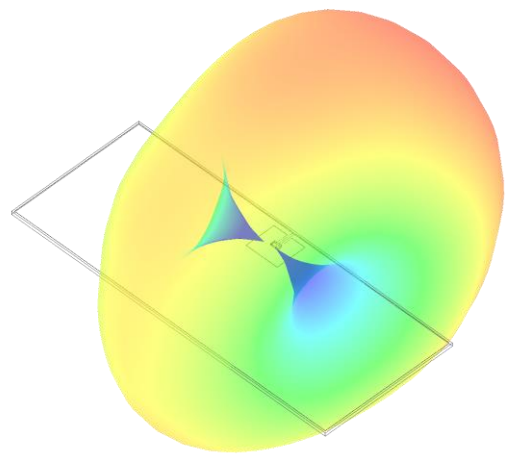
3D/2D Finite Element Method Analysis Software

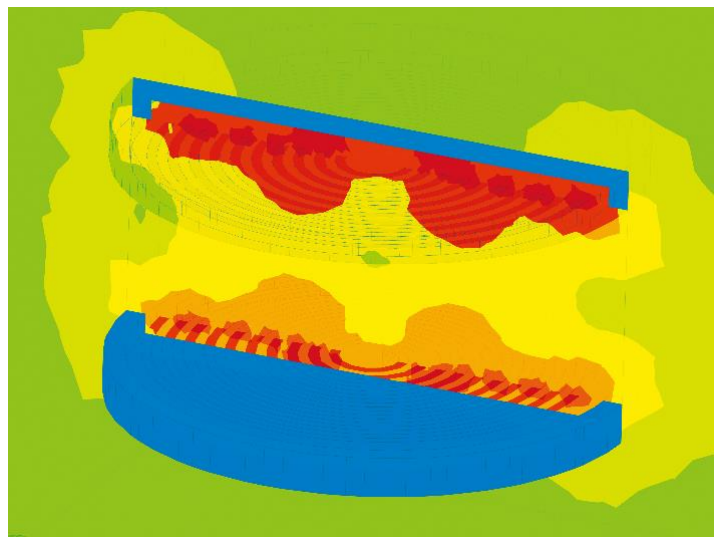
Drive Your Ideas to Reality

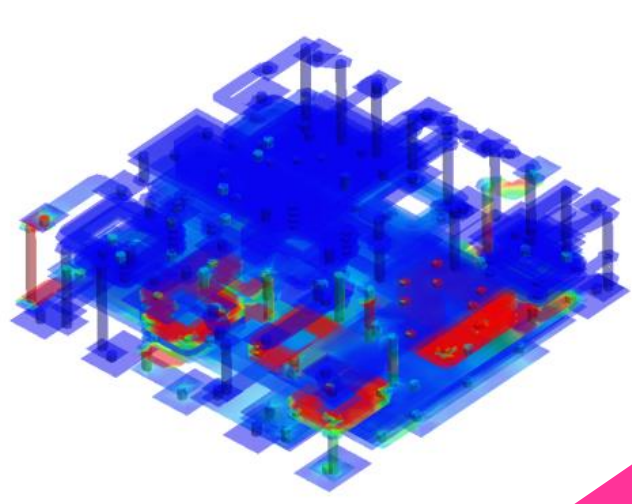
Electromagnetic solver simulates, just to name a few, the propagation constant of waveguide, the directivity/radiation efficiency of antenna, and the wireless power transmission

Capabilities at a Glance

- Antenna
- Wireless power transmission
- Module
- Electromagnetic shield
- Differential line
- Resonator







[Try Femtet free of charge for 60 days]

www.femkor.net

Visit our website for download.

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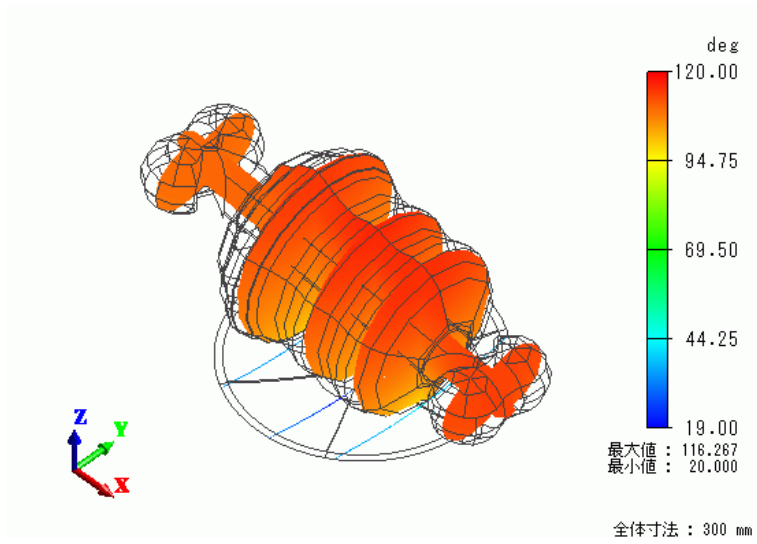
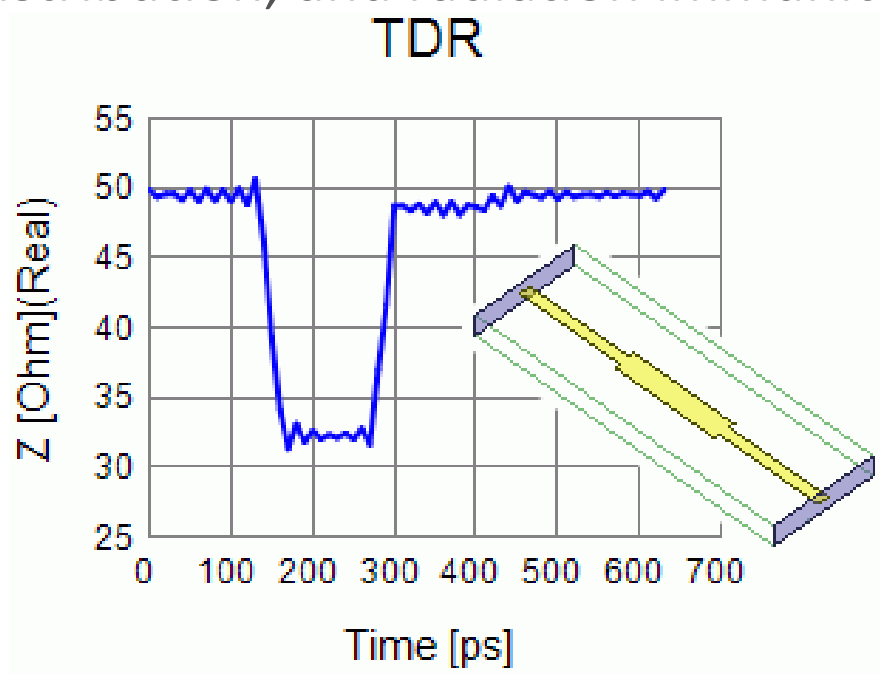
3D/2D Finite Element Analysis Software

Optimization Is What Counts

How you optimize your design is important, especially in the early stages of your engineering activity. It will reduce the incurring time and cost of, product development and making/re-working prototype samples.
The electromagnetic waves solver provides you with the best possible solution to your design by calculating the items like propagation characteristics, electric field strength distribution, and radiation immunity.



Microwave



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Further Benefits

Comprehensive Functionalities

All in one package from modeling to meshing, simulation, and to results display.

Database Management

A wide range of data can be stored and shared among a group of users; materials, body attributes, and analysis conditions

Intuitive Operations

Rich in graphical user interface.
Automatic meshing suitable for each analysis condition.

CAD Translator

Supports various kinds of CAD formats to import and export, and lets you use the data on hand straight away.

Efficient Engineering

Capable of batch processing and parametric analysis that are essential for optimizing your design. VBA macro function is available.

Multiphysics

In addition to the electromagnetic analysis, Femtet has solvers for the thermal conductivity and the mechanical stress. A coupled analysis of these solvers is possible.

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