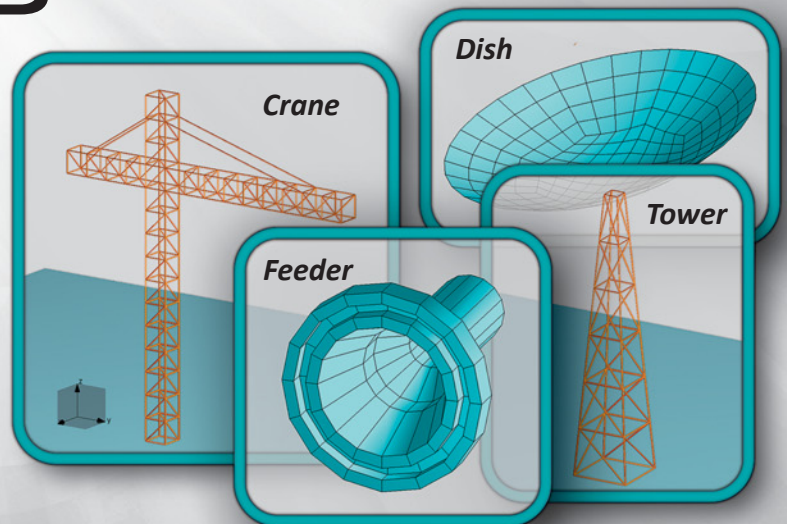


WIPL-D Pro V19

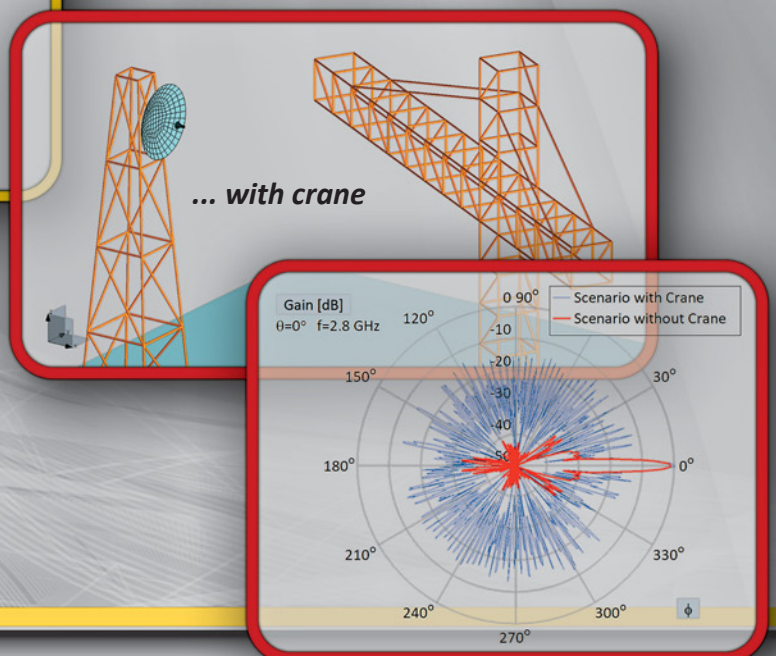
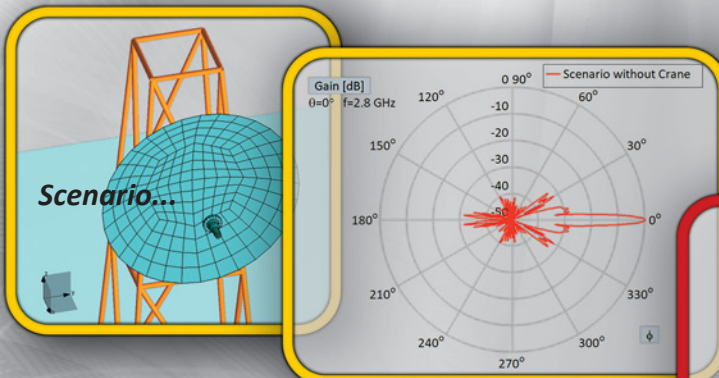
Fast and easy creation
of EM scenarios
released!

New:

- Scenario Project:
 - Assembly of component projects, merged into a single scenario project, by a set of Manipulations commands
- Voxel Editor:
 - Uses various Voxel formats to create WIPL-D projects with human phantoms
- General Integral Equation Solver:
 - Handles arbitrary Green's function (Example: antennas above real ground)
- Medical MicroWave Imaging (MMWI) toolkit
 - Detection of stroke position, size and shape in a simulated MMWI scenario
- Periodic Boundary Condition (PBC):
 - Expanded to include antennas
 - Max size of PBC cell enlarged up to 10λ
 - Simulation accelerated up to 10 times



- Domain Decomposition Solver:
 - Extended size (2000- λ aircraft with monopole antenna)
 - Accuracy: increased up to 10 times
 - Analysis time: reduced up to 3 times
- Graph Viewer:
 - Using a math tool for post-processing the simulation results
 - Customization of grid settings



Features:

- Full 3D EM simulation in frequency domain
- Metallic, dielectric and magnetic materials
- Lumped elements and distributed loadings
- Add-ons: GPU Solver, Optimizer, Time Domain Solver, Circuit Solver (Microwave) and 2D Solver
- Applications: antenna design and placement, scatterers, microwave circuits and waveguides, EMC ...