EMPIRE XPU 9.0.1 Release

July, 2024

Enhancements

- GUI:
    - Additional start/stop commands for reconnectable server
    - Time-to-finish display support for new remote server
    - Improved file selector for postprocessing equations
    - Improvement for QTEM impedance calculation for classic PGA
    - Fix for exception in edit conformal dielectric
    - Improved Boolean subtract operation
    - Improved handling of unicode errors in path names
    - Farfield cut preview in 3D Design window
    - Improvements for reconnectable remote server
    - Support of multiple jobs request on reconnectable server
    - Improved long name support for dielectric properties
    - QTEM support for hollow coaxial lines
    - Memorizing mirror plane in repeated operation
- Import / Export
    - Support of inverse layers in ODB++ CAD files
    - Prevent geometry clones in DXF import of multiple files
- Simulation engine:
    - Numa support for AMD EPYC 9R14 CPU
    - Support of very large cache sizes, e.g. AMD EPYC 9V33X/9684x CPU
    - Fix for matched source excitation
- Postprocessing
    - Output of used lumped port impedance in log window
    - Improvements for far field cuts with rotation
- 2D result plotting engine:
    - Prevent select rectangle when dragging the legend
- 3D result plotting engine
    - Improvements for setting savings in field monitors
    - Fix for exception in 3D Results with near field display
- Documentation and Installation
    - Updated Manual, Application Notes
    - Adjustments for Ubuntu 24.04 installation