

EMPIRE XPU 9.1.1 Release

July, 2025

Enhancements

- GUI:
 - Korean language support
 - Improved RF Trace library element
 - Length calculation for bond wire library elements
 - Fixed exceptions for coaxial ports
 - Undo/Redo support in 3D Result Tab
 - Improved defaults for coaxial calibrated port
 - Support of special characters for load of legacy files
 - Avoiding exceptions for edit in voxel property
- Import / Export
 - Fixed export problem for Gerber and Excellon
 - Improved DXF file import
 - Voxel file format adjustments
- Simulation engine:
 - Improved Disk Memory Usage estimation
 - Server connection improvements
 - Improvments for for VPN connection problems
- Postprocessing
 - Improved SAR averaging
 - Fixed exception for BOBYQA optimizer
 - Improved optimization goal definition for EM field lines
- 2D result plotting engine:
 - New default plot format for field monitor convergence files
 - Display support for additional meta file entries
- 3D result plotting engine
 - Improved transparency of field monitor display
- EM Twin Add-on
 - Improved Empire nearfield import
 - New naming convention for Empire nearfield conversion data
- Documentation and Installation
 - Updated Manual
 - Updated KMF scripting files and documentation
 - Linux installation improvements for Ubuntu 24.04 and RHEL 8
 - Avoiding unnecessary copy of step files
 - Updated Antenna Array template