EMPIRE XPU 9.2.2 Release

November, 2026

Enhancements

- GUI
  - Fix for extruding polygons in LCS coordinates
  - Improved simulation buttons in Parameter Sweep
  - Improved Library element (oval) for low resolution
  - Refined tooltips for Waveguide Ports
  - Corrected number count of conflict objects
  - Warning for invalid Port Measurement Distance
- Import / Export
  - CST Import: STEP/ACIS based import to improve material assignment
  - Improved scripted field dump ascii export for sweep simulation
- Simulation engine
  - Distinct warning for cut-off instability
  - Removal of Farfield storage 4GB limit
  - Improved rename of variables (equations etc.)
  - Reduction of number of files copied in the result folder
- 2D result plotting engine
  - Fix for exception with mask in VSWR plot
  - Power calculation for active ports only
  - Reset state when switch between plot types
  - Revised EM-Line field monitor output file names
- 3D result plotting engine
  - Export Raw Data in 3DR for sPD (IPD) visualization
  - Improved contour lines for 3d display, phase loop, linear map
- EM Twin Add-on
  - EM Twin Wizzard - EM Setup: autodetect frequency
  - Antenna field source: display missing file
  - Drop down list for frequency selection Antenna Field Source
  - Improved positioning of source
- Documentation and Installation
  - Application Note Update for CST Import
  - Manual Update Empire 9.2.2
  - Check for missing compiler on Linux RHEL 9.8
  - Fix for Linux Installation on Ubuntu 22+24

Notes:

- **Please note the end of support (EOS) of version 9.0.x and previous releases.**