Fast Electromagnetic Analysis Suite (FEMAS)

Link Path Analysis (LPA)
- ❖ S-parameter file concatenation
- ❖ Time Domain analysis
- ❖ Frequency Domain analysis

Inputs
- ❖ Touchstone files
- ❖ Circuit blocks
- ❖ 2D cross section
- ❖ Transmission Line models

Outputs
- ❖ Eye Patterns
- ❖ Touchstone files
- ❖ csv files
- ❖ Plot (frequency & time)

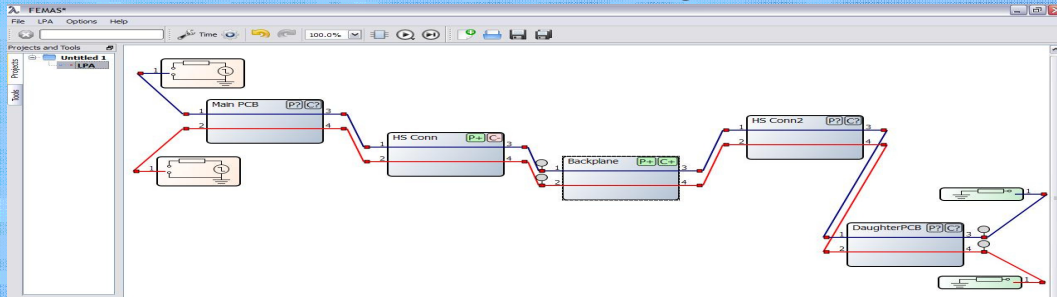## Integrated S-parameter Quality Check & Enforcement
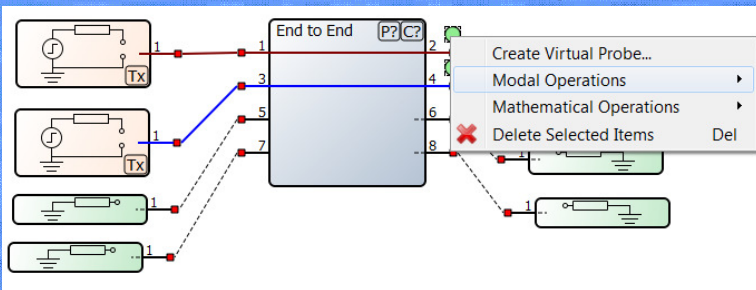- ▪ Causality
- ▪ Passivity

Features
- ❑ De-embedding
- ❑ Transmit & Receive Equalization
  - ▪ Pre/De Emphasis
  - ▪ CTLE, FFE, DFE
- ❑ TDR analysis

EMS+

www.ems-plus.com

End-to-End Link Path Analysis
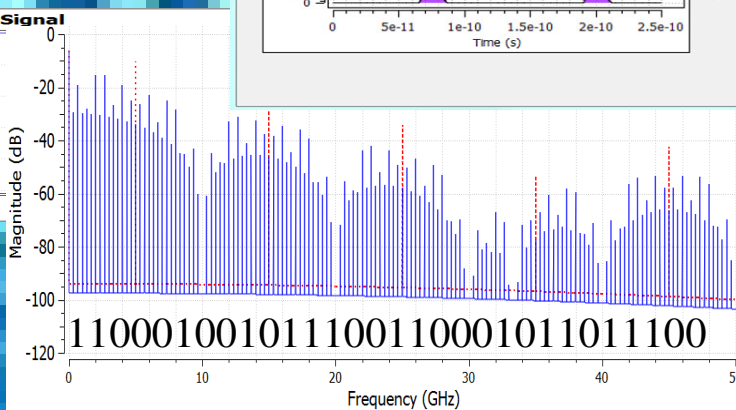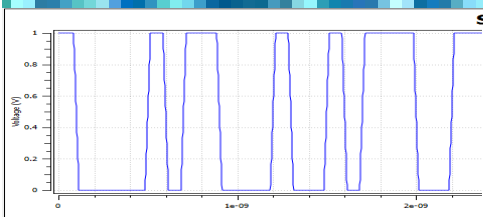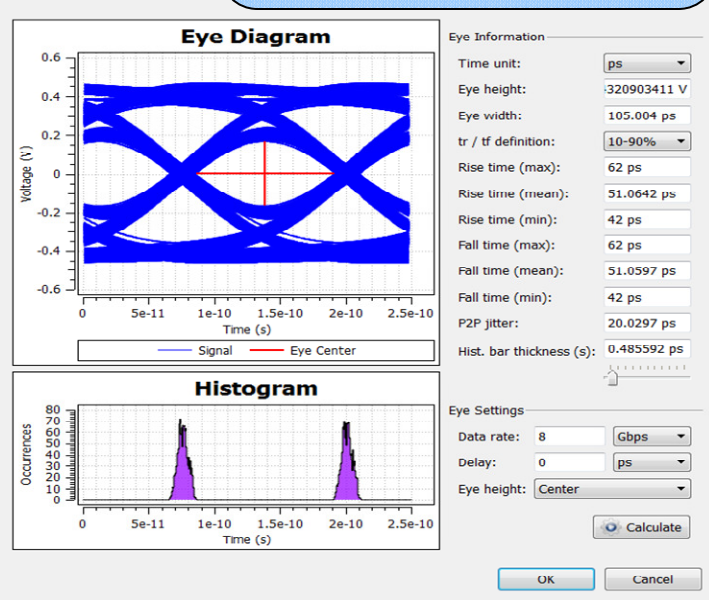## Differential and/or Single Ended

Multi-Port Analysis

- Eye Pattern
- Histogram
- Bathtub Curves

Integrated
- ✓ 2D Cross section analysis
- ✓ TDR functionality
- ✓ Causality/Passivity