

# EM Simulation Using RFPro for Board Design in PathWave ADS

Keysight Technologies invites you to join our training on EM Simulation using RFPro for Board Design in PathWave ADS

## Overview

### You will learn:

- How to launch an EM simulation using RFPro
- How to use RFPro EM model data in a circuit simulation
- How to partition the design and split it between the circuit level components and the parts sent to the EM solver
- How to easily select and extract the nets you wish to analyze
- How to combine various technologies used in RF modules

**Course Type:** User/Application Training

**Audience:** Technical staff who work in an RF or microwave design environment and want a comprehensive introduction to RFPro.

**Prerequisites:** Familiarity with basic RF and microwave concepts. Attending an ADS Fundamentals class before is recommended. Windows and PC experience.

**Course Length:** 1 day, 8 hours.

**Course Format:** The course combines lecture presentations with instructor guided hands-on sessions.

## PathWave EM Simulation using RFPro for Board Design in PathWave ADS

**Date:** TBD

**Delivery:** Virtual/Onsite

**Cost:** Please contact us for pricing at: [eda.training@keysight.com](mailto:eda.training@keysight.com)

**Language:** English

# Schedule

## EM Simulation using RFPro for Board Design in PathWave ADS training

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### Day 1

- Overview of 3D EM Simulation
  - Technologies
  - Technology Setup
  - RFPro Window Architecture
  - Net Types and Components Roles
  - Circuit Role Guidelines
  - Sub-Circuit Generation
  - Smart Mount Technology
  - Virtual Pins
  - RFPro Full and User Defined EM
  - Simulations
  - Advanced Settings and Modeling Background
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