

# Ansoft

## Ansoft Designer

Circuit, System, and Planar Electromagnetics

The screenshot displays the Ansoft Designer software interface. The main window is titled "Ansoft Designer - x400\_tdr\_sim\_orig - X400\_TDR\_Simulation2 - Schematic". The interface includes a menu bar (File, Edit, View, Project, Circuit, Tools, Window, Help), a toolbar, and a project tree on the left. The project tree shows a hierarchy of components including "x400\_tdr\_sim\_orig", "Circuit1", "X400\_TDR\_Simulation", "Data", "Excitations", "Ports", "Analysis", "Transient1", "Optimetrics", "Results", "X400\_TDR\_Simulation1", "X400\_TDR\_Simulation2", "Definitions", "x4p\_mw\_15m\_a0", "SerenadeCircuit1", and "Data".

Two XY plots are visible. The first plot, titled "XY Plot 1", shows a graph of "Y1" versus "Time (sec)" with a red line and several green and blue lines. The second plot, titled "XY Plot 2", shows a graph of "Y2" versus "Time (sec)" with a blue line. A red circle with the number "1.1" is overlaid on the top right of the plots.

The bottom left panel shows a table of parameters:

Name	Value	Unit
V	0	V
primitive	vpart	
EditSource	Edit	
Name	vpart	
t1	0	
v1	1e-012	
i2	10	ps
v2	1	
Status	Active	
Info	VDC	

The bottom right panel shows a schematic diagram of a circuit with various components and a layout view of a planar electromagnetic structure. The Ansoft logo is visible in the bottom right corner.

Ready

electronic design automation software

Ansoft Designer - Planar EM Examples



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- ▲ Starting Ansoft Designer
- ▲ Converting Older Serenade or Ensemble files to Ansoft Designer
- ▲ Ansoft Designer Desktop
- ▲ Opening an Ansoft Designer project

### ▲ Chapter 1.0 - Antenna Examples

- ▲ 1.1 - Probe Feed Patch Antenna
- ▲ 1.2 - Finite Ground Probe Feed Patch Antenna
- ▲ 1.3 - Slot Coupled Patch Antenna
- ▲ 1.4 - 2.4GHz ISM Circular Polarized Patch Antenna

### ▲ Chapter 2.0 - Microwave Examples

- ▲ 2.1 - Low Pass Elliptic Filter
- ▲ 2.2 - Bandstop Microstrip Filter
- ▲ 2.3 - Ring Hybrid