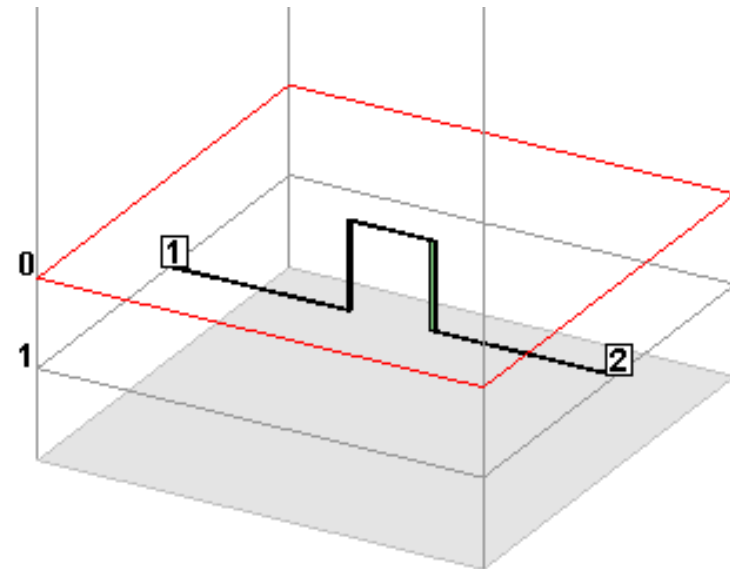
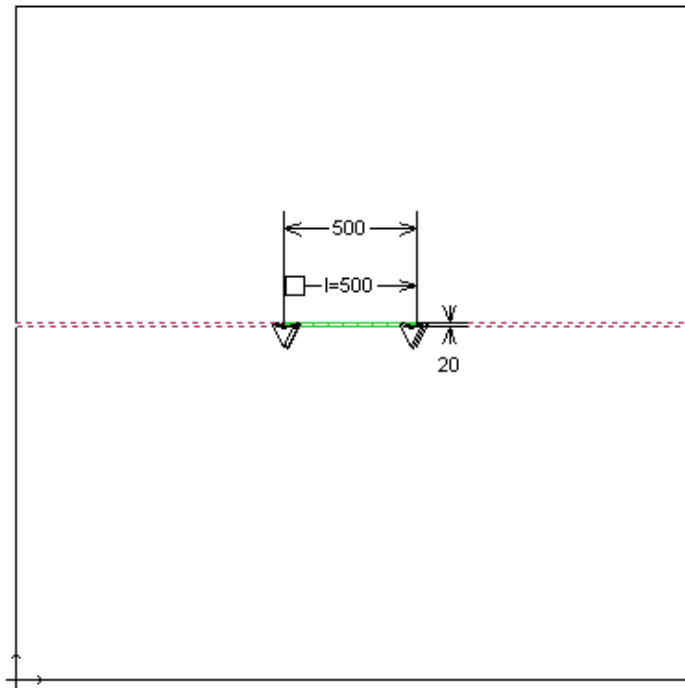


Sonnet

Bond Wire Simulation

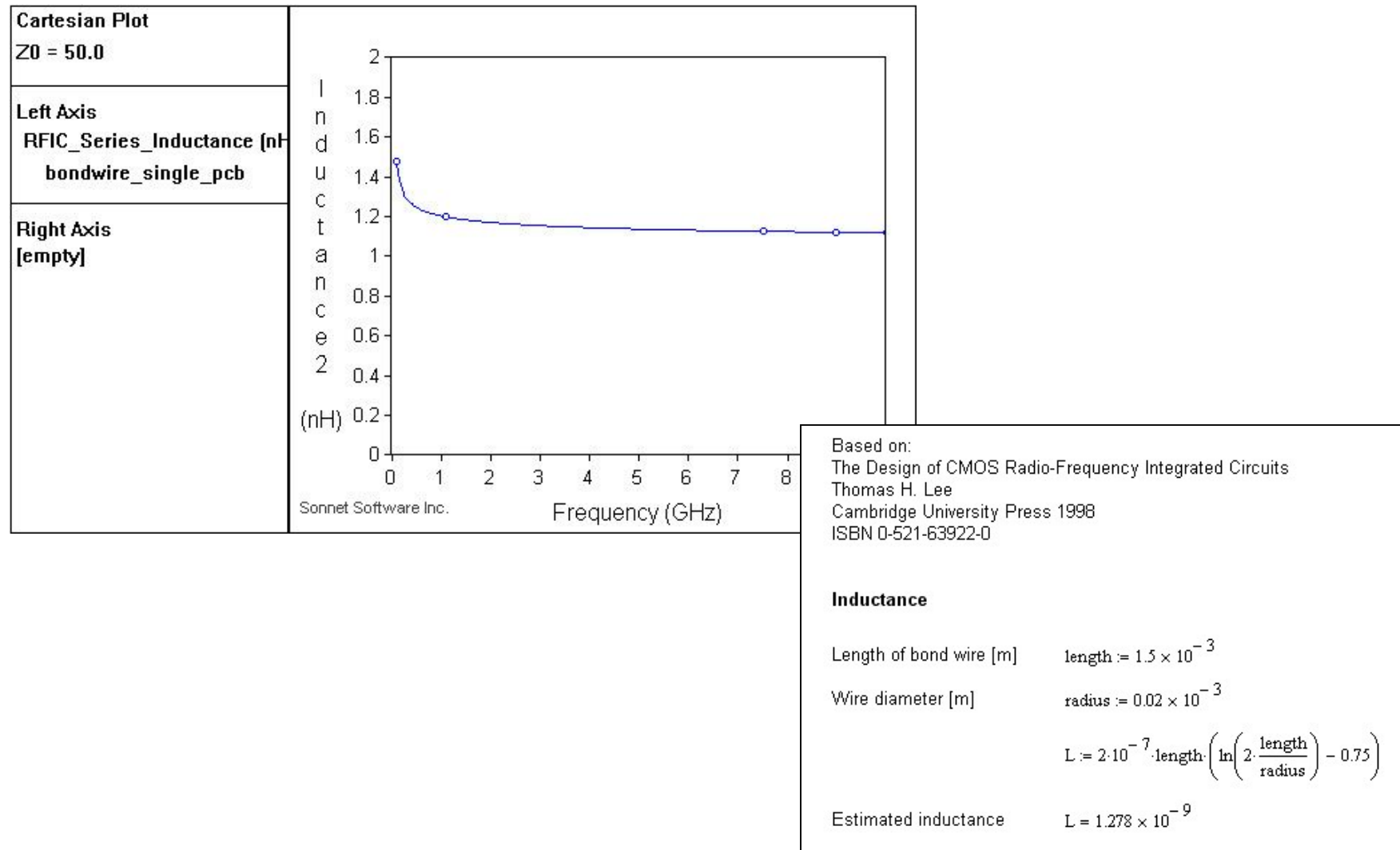
Volker Mühlhaus
volker@muehlhaus.com

Single Bond Wire

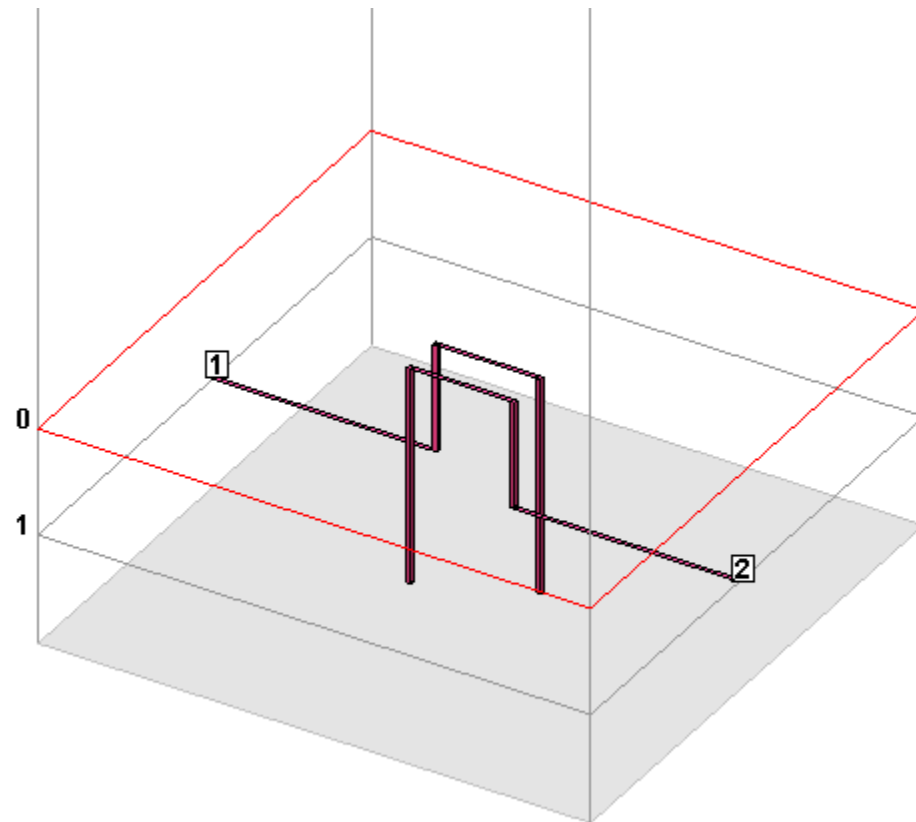
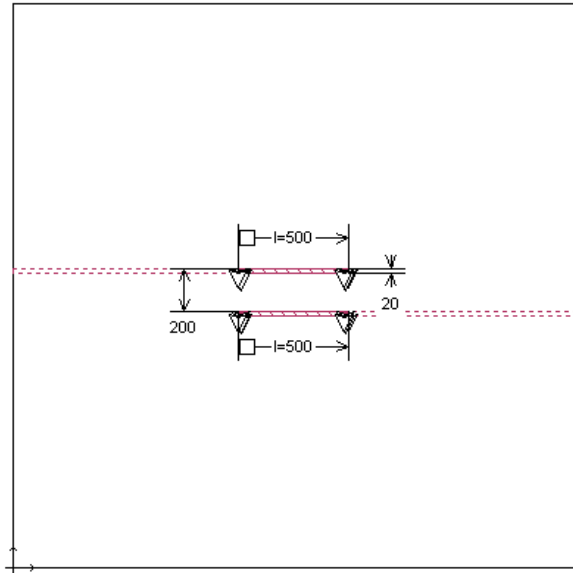


	Thickness (microns)	Mat. Name	Erel	Dielectric Loss Tan	Diel Cond (S/m)
0	5000.0	Air	1.0	0.0	0.0
1	500.0	Air	1.0	0.0	0.0
	510.0	Rogers RO4003C	3.55	0.0027	0.0

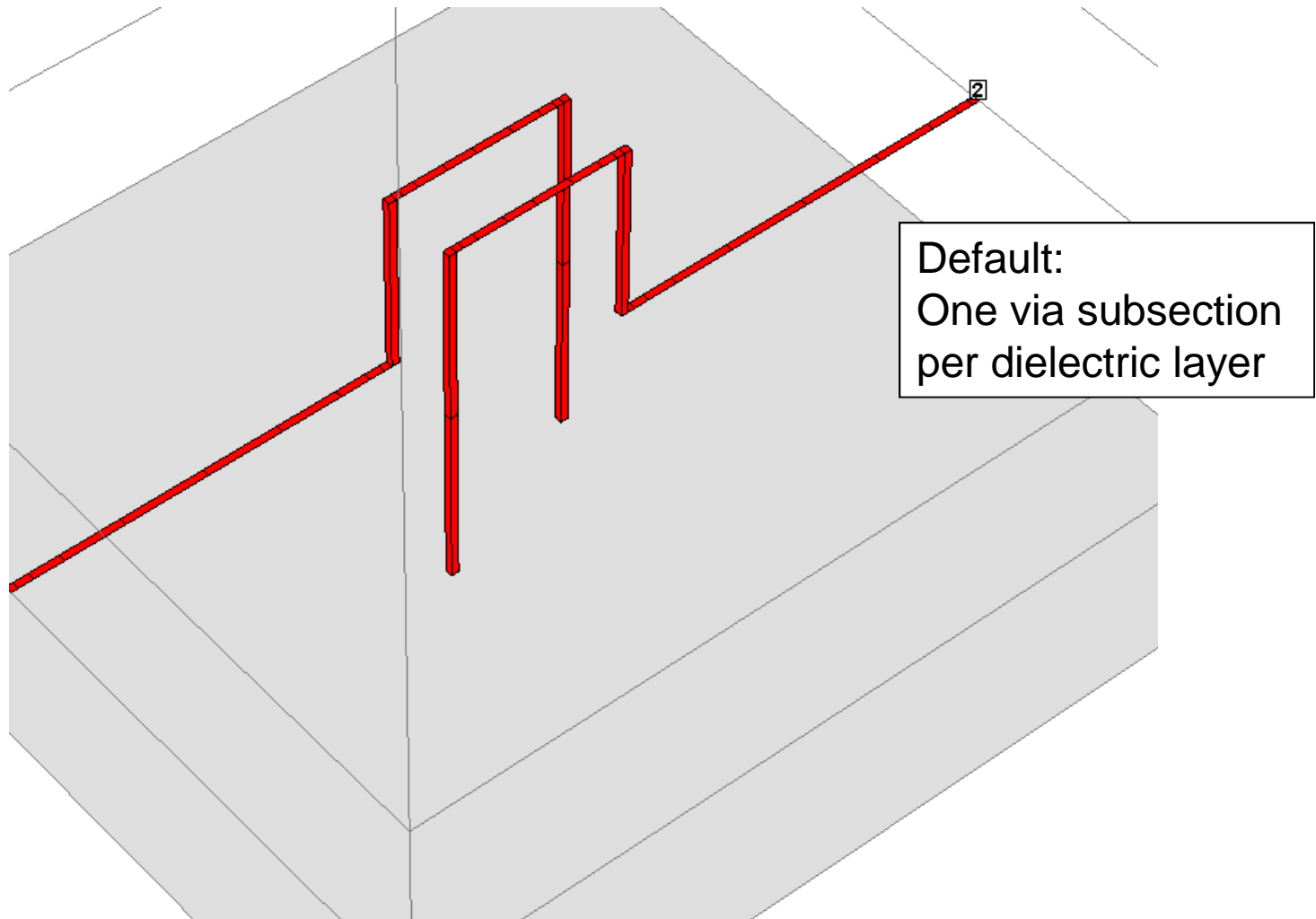
Compare Result



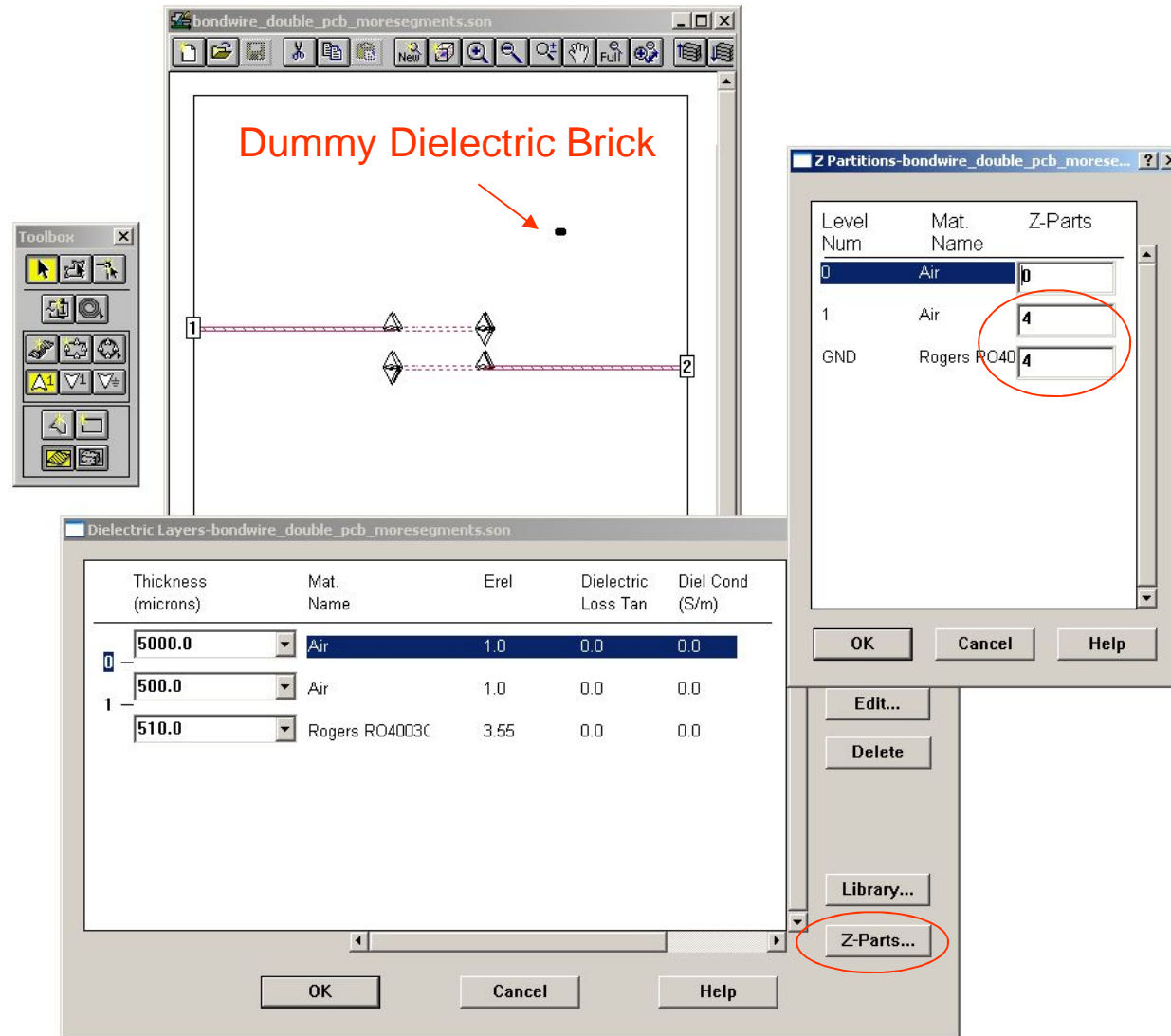
Double Bond Wire



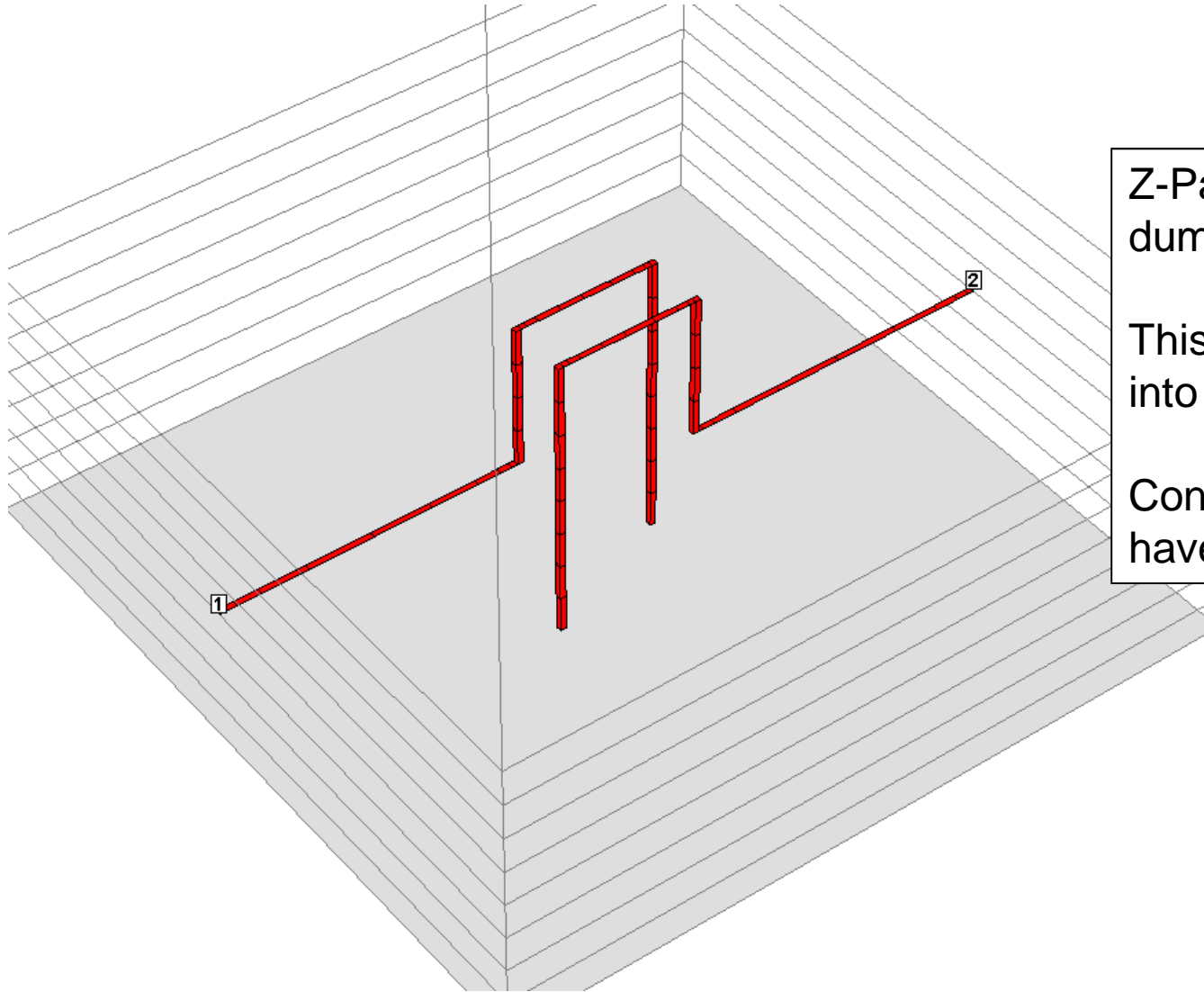
Subsections



Add more vertical subsections



More Subsections

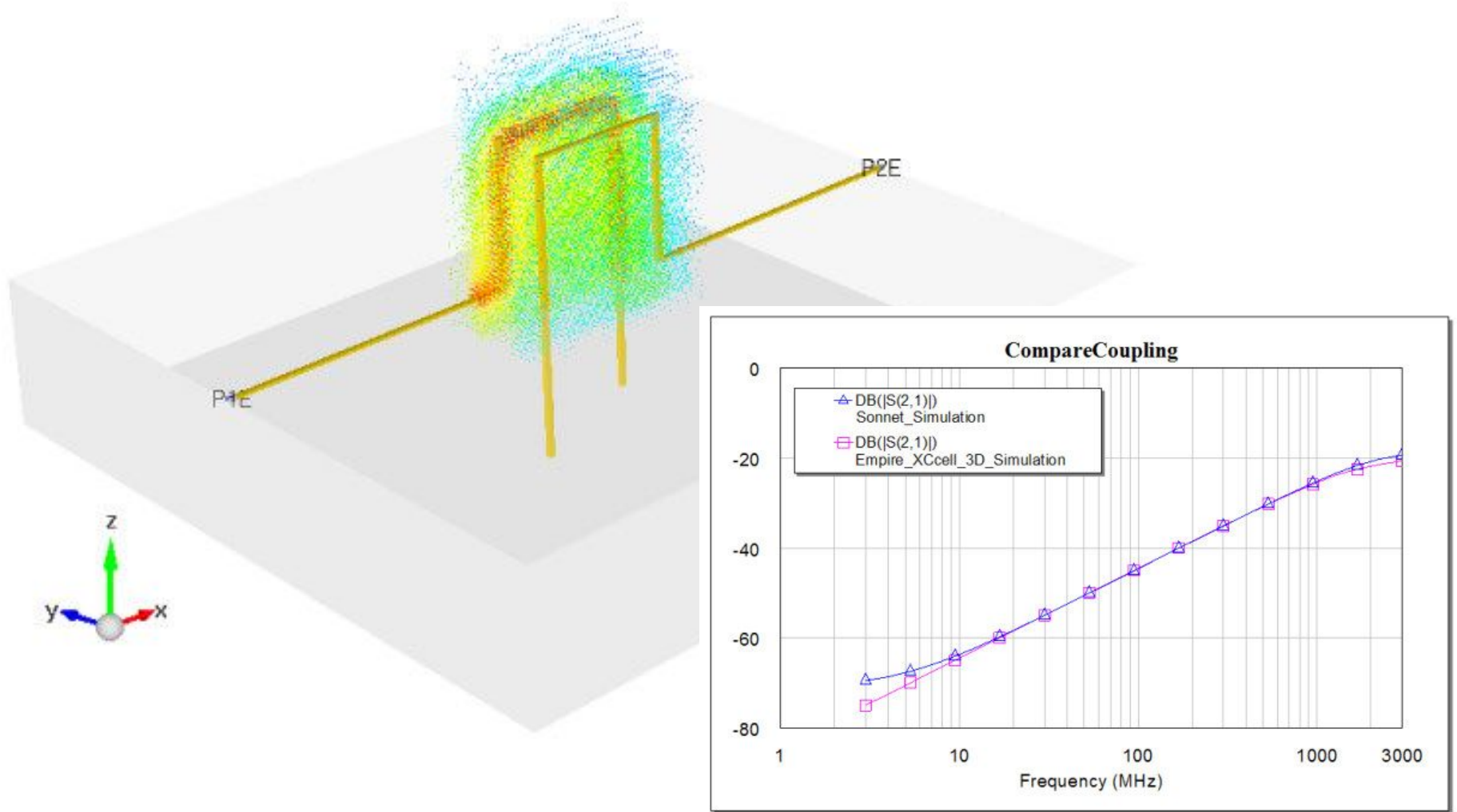


Z-Parts = 4 for layers with dummy brick:

This divides dielectric layer into 4 pieces for the solver.

Consequently, vias also have more segments.

Compare to Empire 3D FDTD



Curved with same Length

