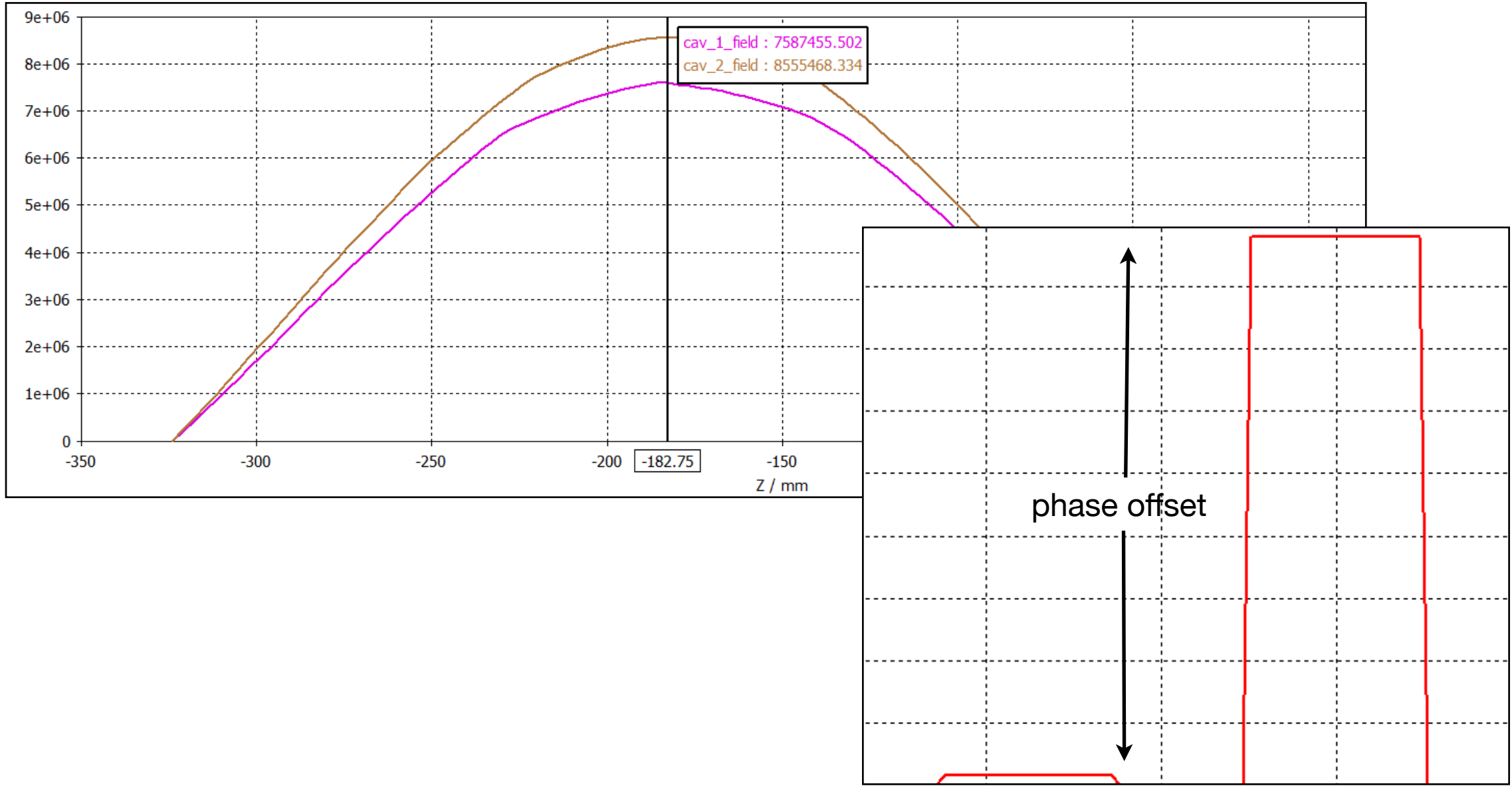
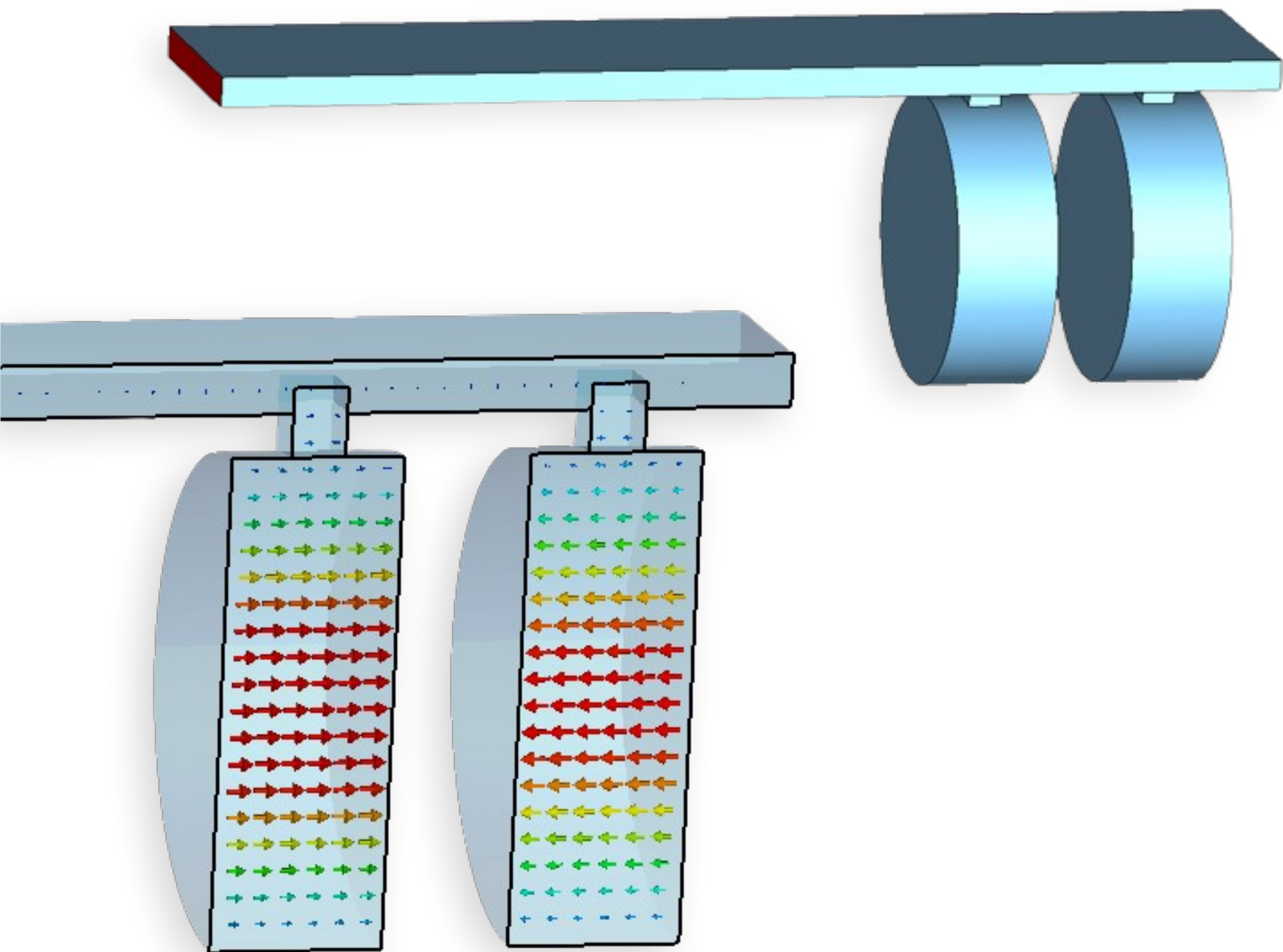


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Results!

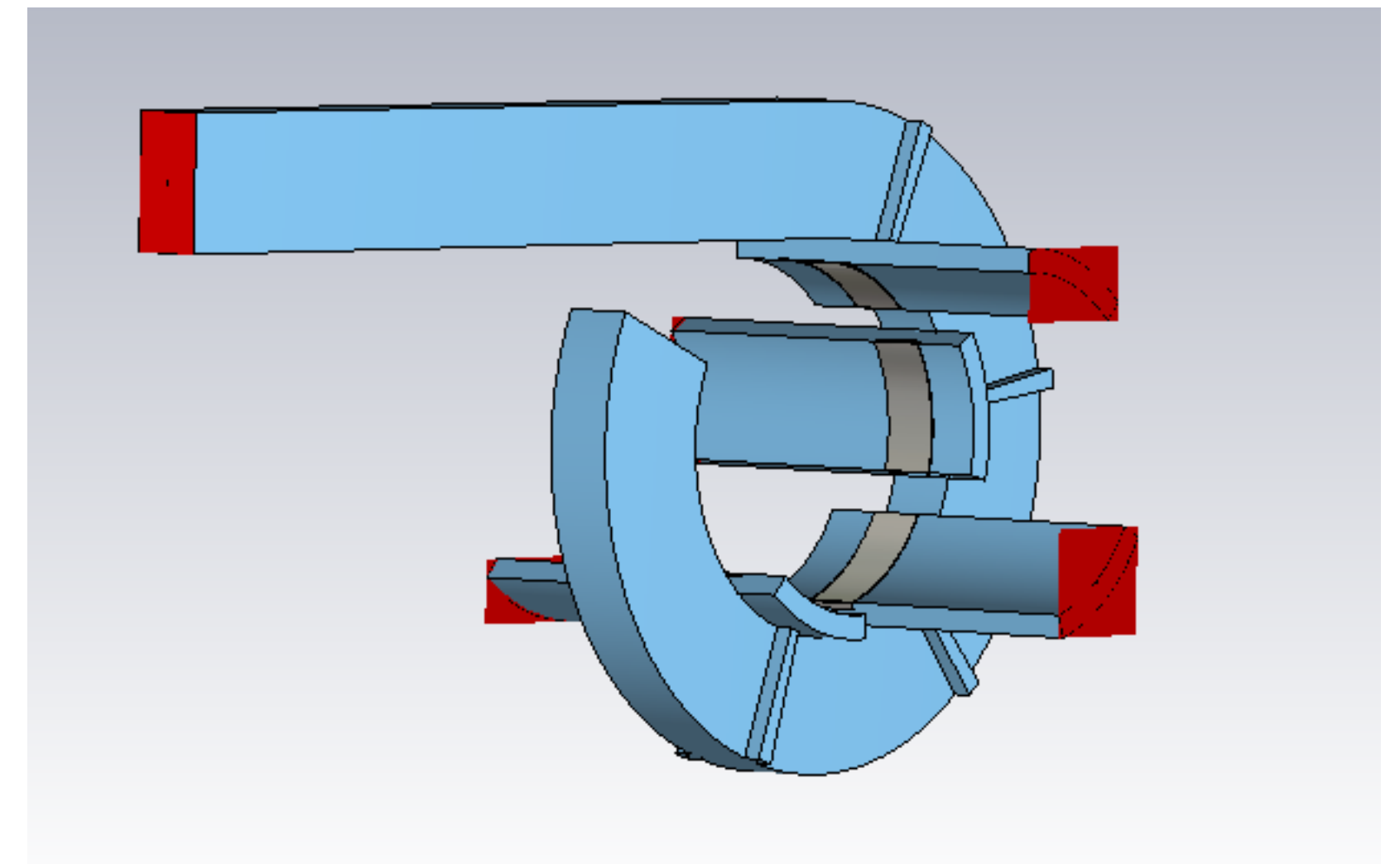


Frequency (MHz)	806.6
Radius (mm)	142
Cavity 1 E-field (MV/m)	7.58
Cavity 2 E-field (MV/m)	8.55
$\Delta\phi_W$ (rad)	3.01
$\Delta\phi_P$ (rad)	3.25
$\Delta\phi_P + \Delta\phi_W$ (rad)	6.23
Q_0	2.46e4
Q_{total}	1.37e4
Waveguide length (mm)	1050
Waveguide width (mm)	214

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Next steps

- Work on an analytical solution for the waveguide field
- Make a visualization
- Scale up to more cavities
- Explore alternative waveguide structures



Dillon's model