

Microstrip Dipole

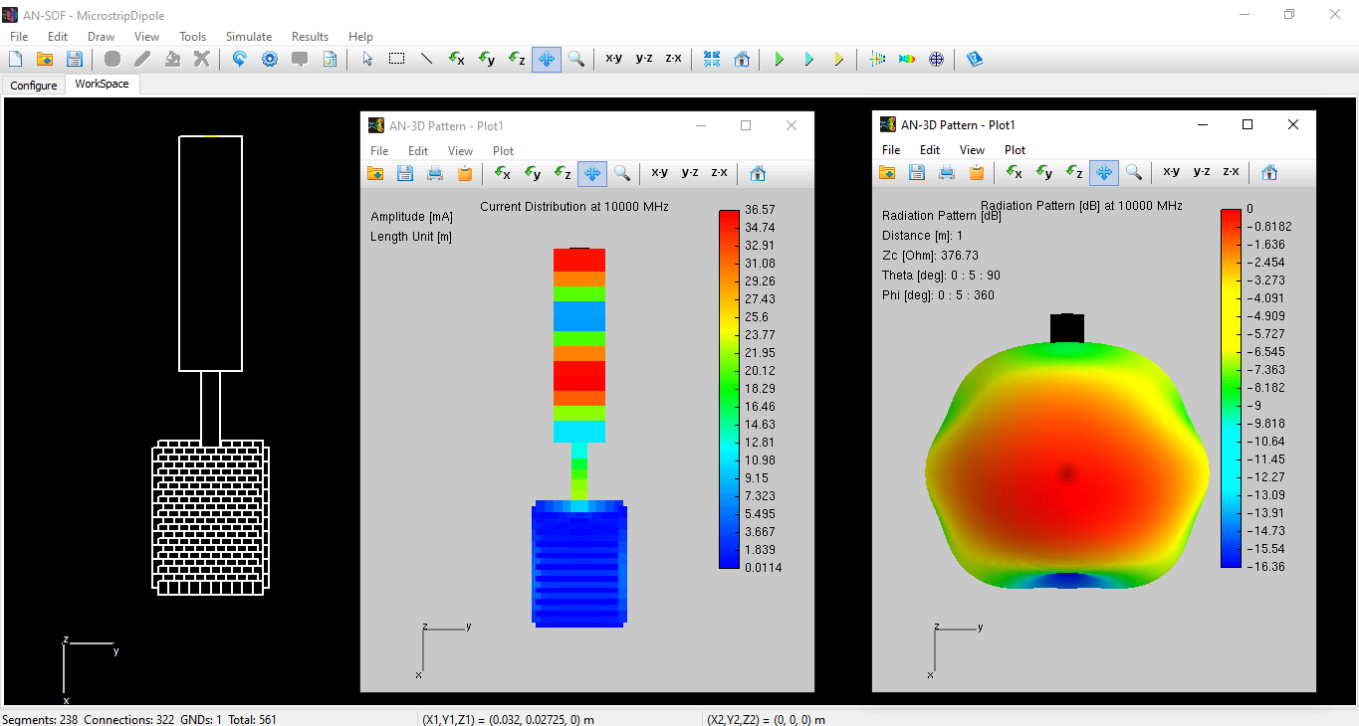
Share this Article



Microstrip patch dipole antenna over a dielectric substrate and backed by a perfect ground plane.

The rectangular patch is fed by a vertical bias between the ground plane and the plane above the substrate. A microstrip transmission line is used to transmit power from the vertical bias to the patch.

A directional radiation pattern is obtained with a main lobe pointing towards the axis perpendicular to the plane of the antenna (z-axis).



Download Model

Share this Article

