

Microstrip Antenna Array

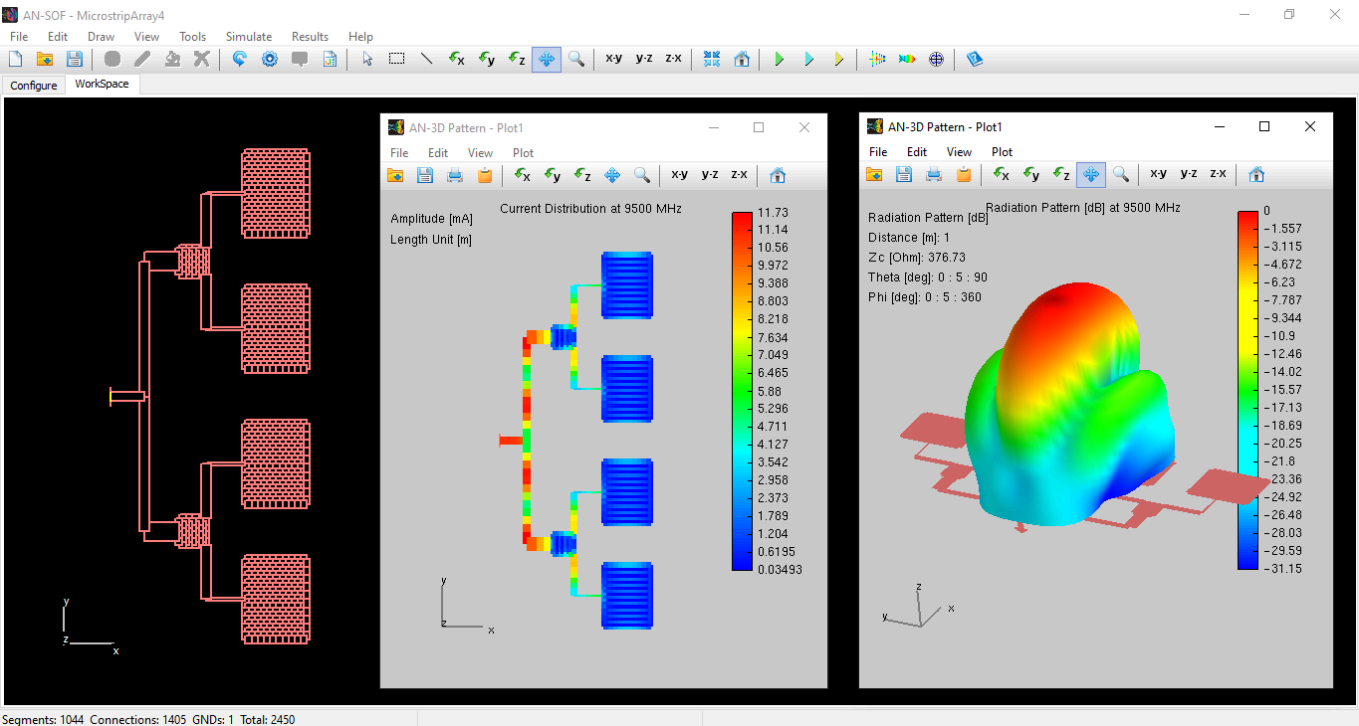
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Microstrip array of four rectangular patches over a dielectric substrate and backed by a perfect ground plane.

The array is fed by a vertical vias between the ground plane and the plane above the substrate. The excitation is distributed between the patches by means of microstrip dividers.

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



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