

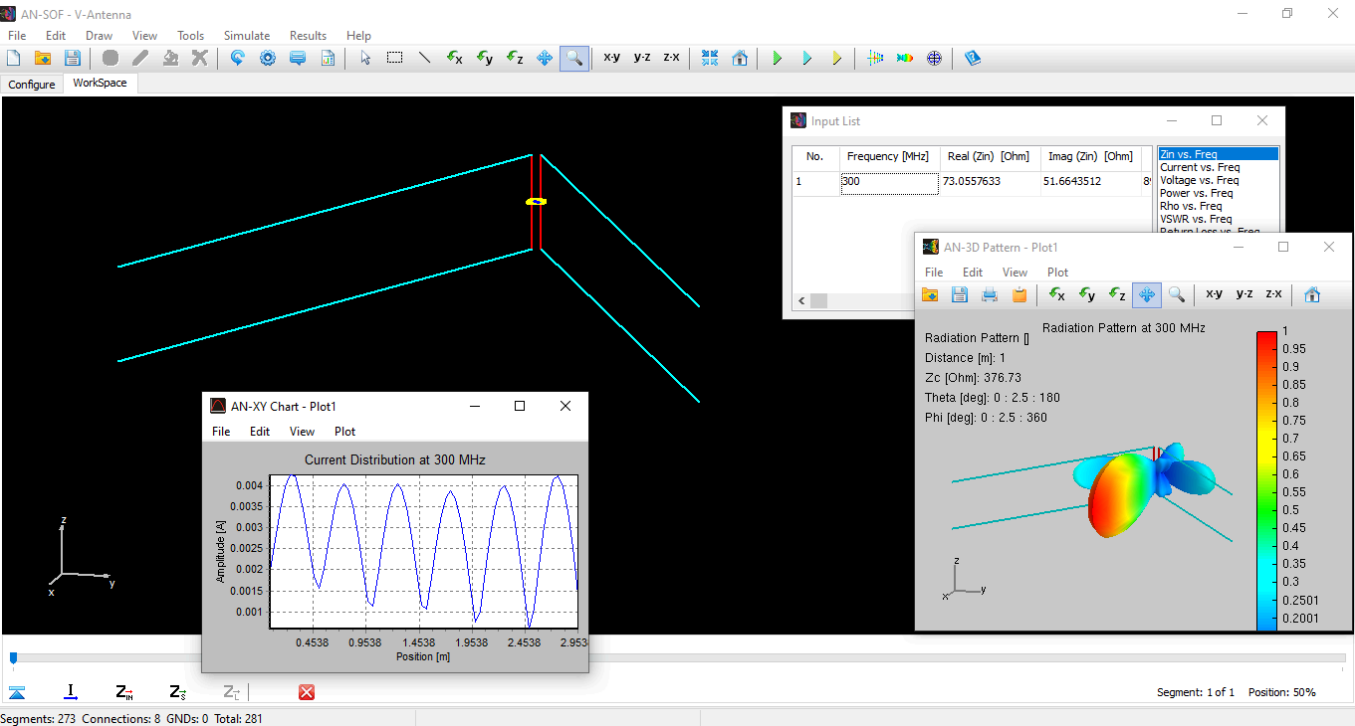
Dual V Antenna

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The horizontal arms of the V-antenna are 3 wavelengths long, so six semi-cycles of a sine function can be seen as a current distribution along the arms. The vertical wires are half-wavelength long, so they behave as half-wave center-fed dipoles.

A directional radiation pattern is obtained having a main lobe pointing towards the x-axis and the radiation resistance is 73 Ohm, the same value for an infinitely thin half-wave dipole.



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