

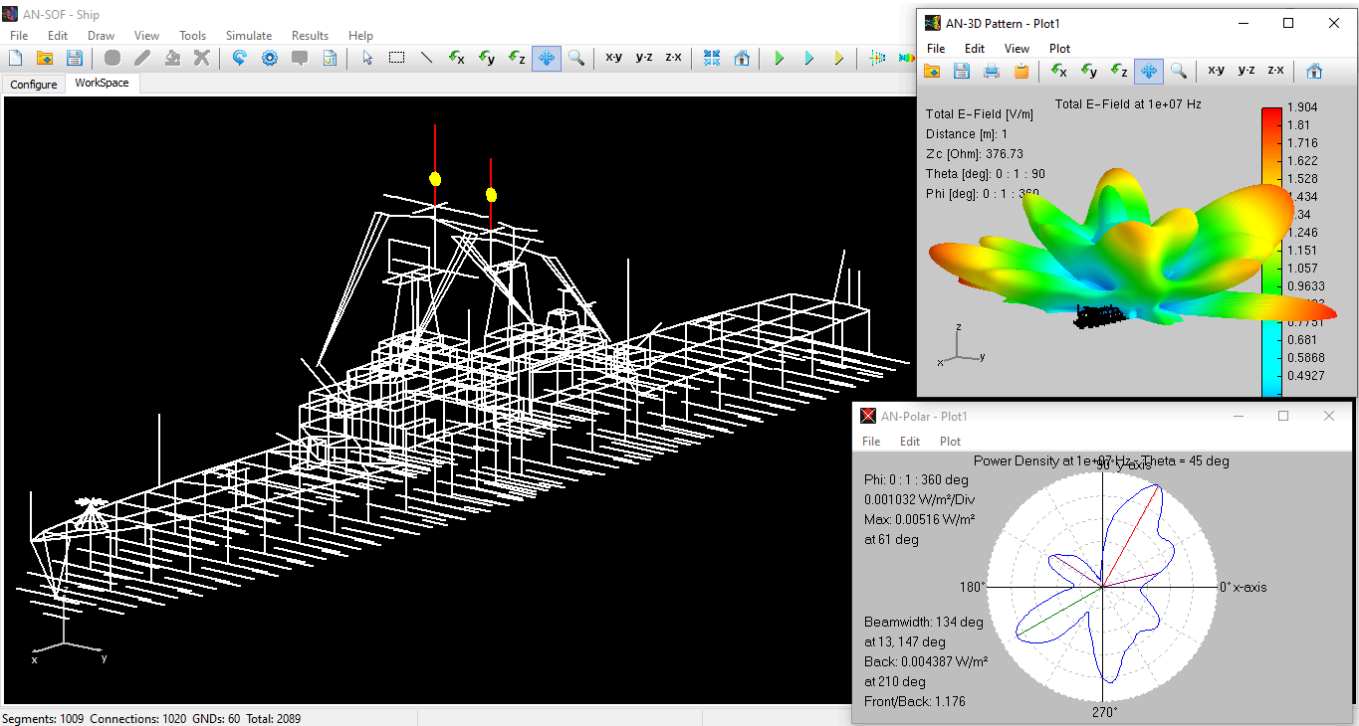
Antennas on a Ship

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This simulation shows a wire grid model of a ship sailing in the ocean and having two dipole antennas at its top. A perfect ground plane is used to simulate the ocean since it is practically a perfect conducting surface at 10 MHz (saltwater is a good conductor at those frequencies).

The radiation pattern shows the distortion of the ideal donut-shaped dipole patterns due to the electromagnetic interaction between the antennas and the ship.



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