

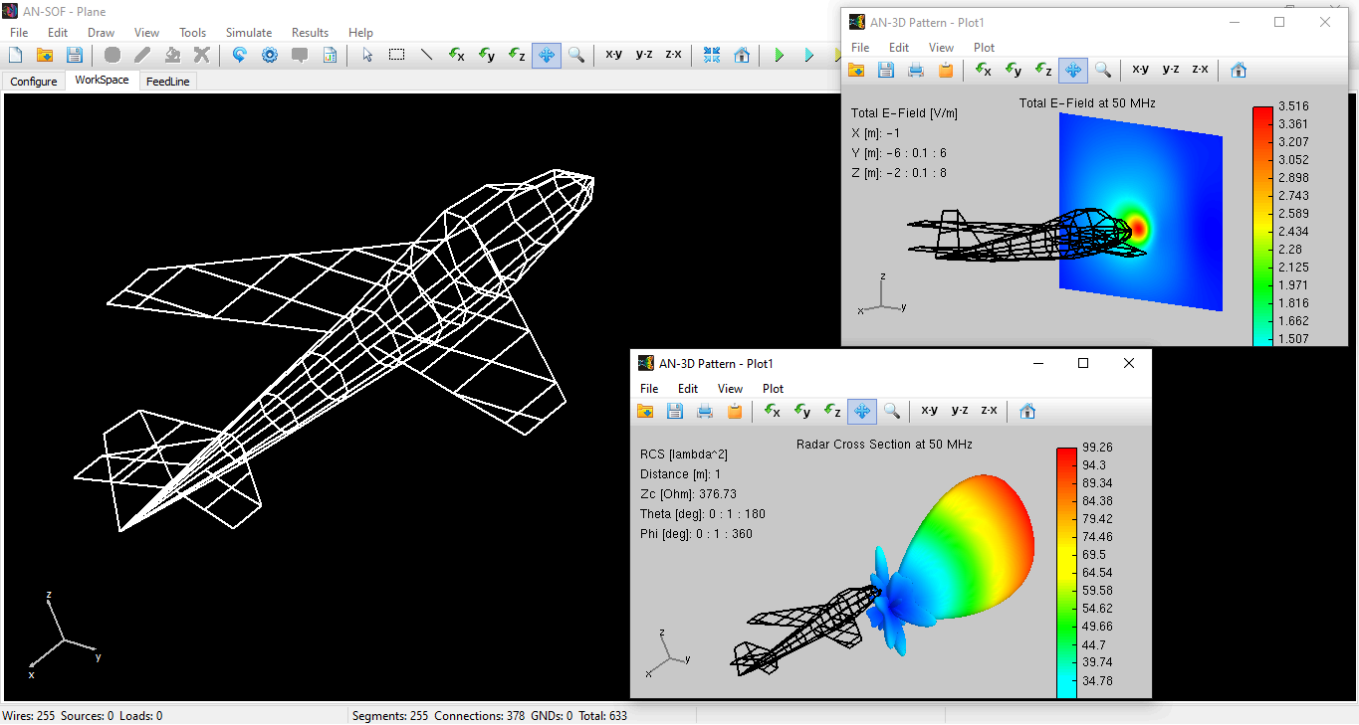
RCS of Aircraft

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Simulation of a plane wave reaching the path of an airplane.

An external plane wave reaches the airplane from its tail. The wave E-field is oriented along the plane wings. The RCS (Radar Cross Section) can be analyzed by plotting the far-field pattern which shows the re-radiated power. The near field is calculated just in front of the plane to analyze the wave transmission after crossing the plane.



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