Analysis and Design of a Radome in the Aircraft Nose at 8 GHz with MoM Module

The radome is in the aircraft nose. Contains a reflector antenna of 1 m diameter.

The radome is composed of 3 layers:

1. First layer of thickness 0.5 mm and dielectric constant 2.3
2. Second layer of thickness 5 mm and dielectric constant 1.05
3. Third layer of thickness 0.5 mm and dielectric constant 2.3