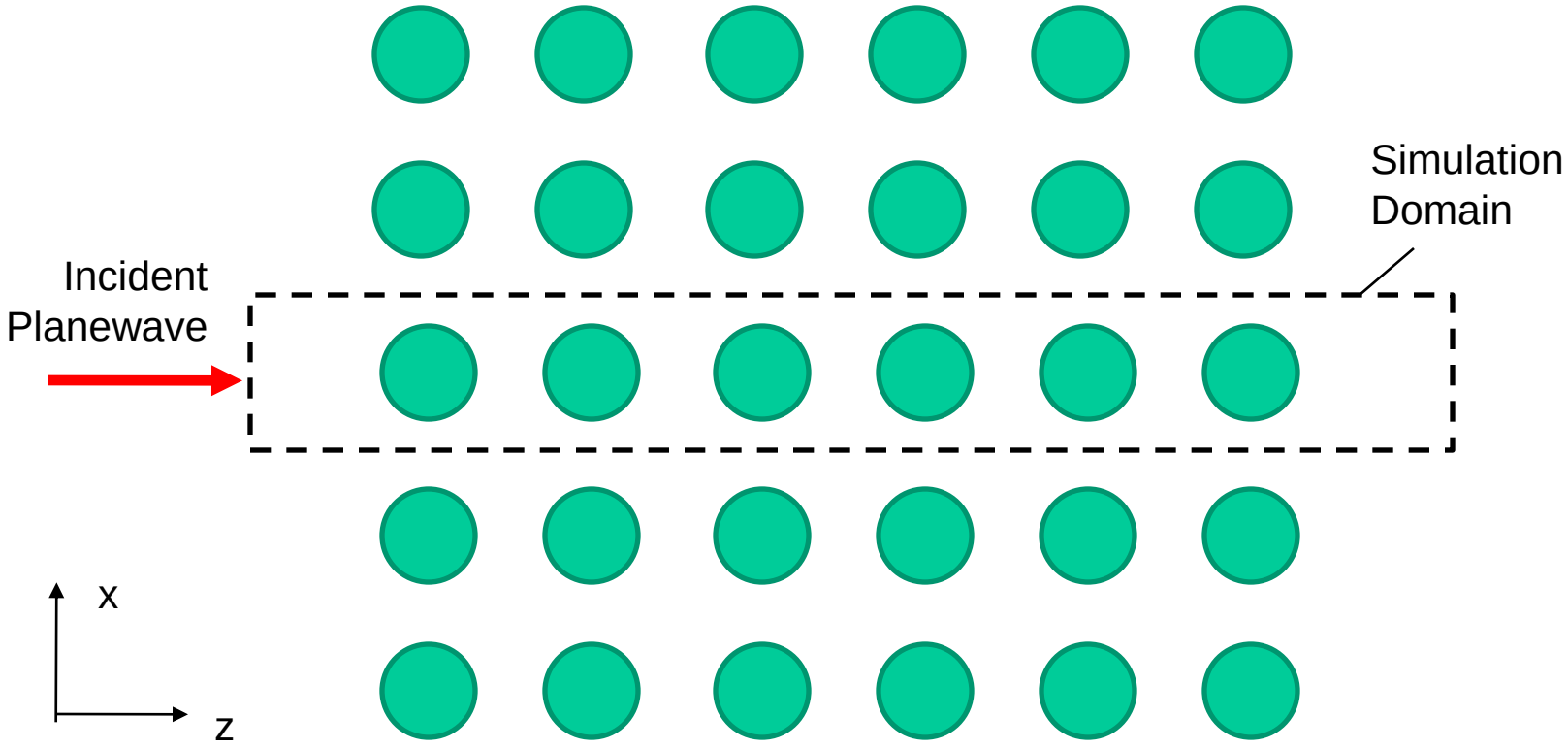
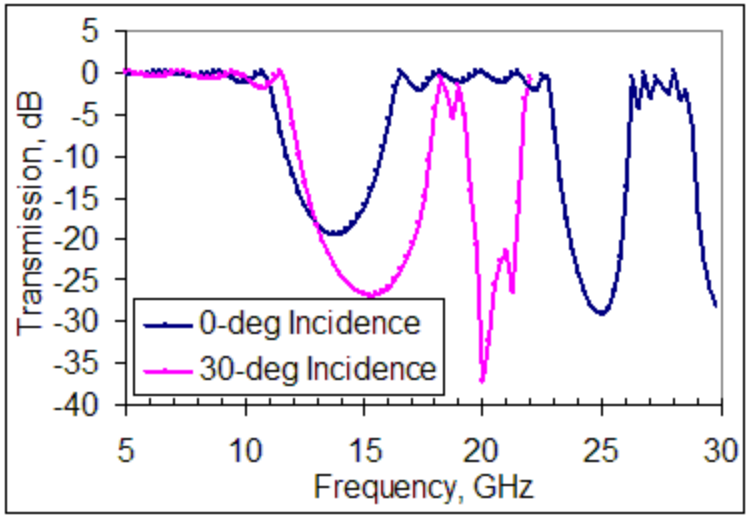
Simulation of 2D Cylindrical Rod Photonic Band Gap

Simulation Setup

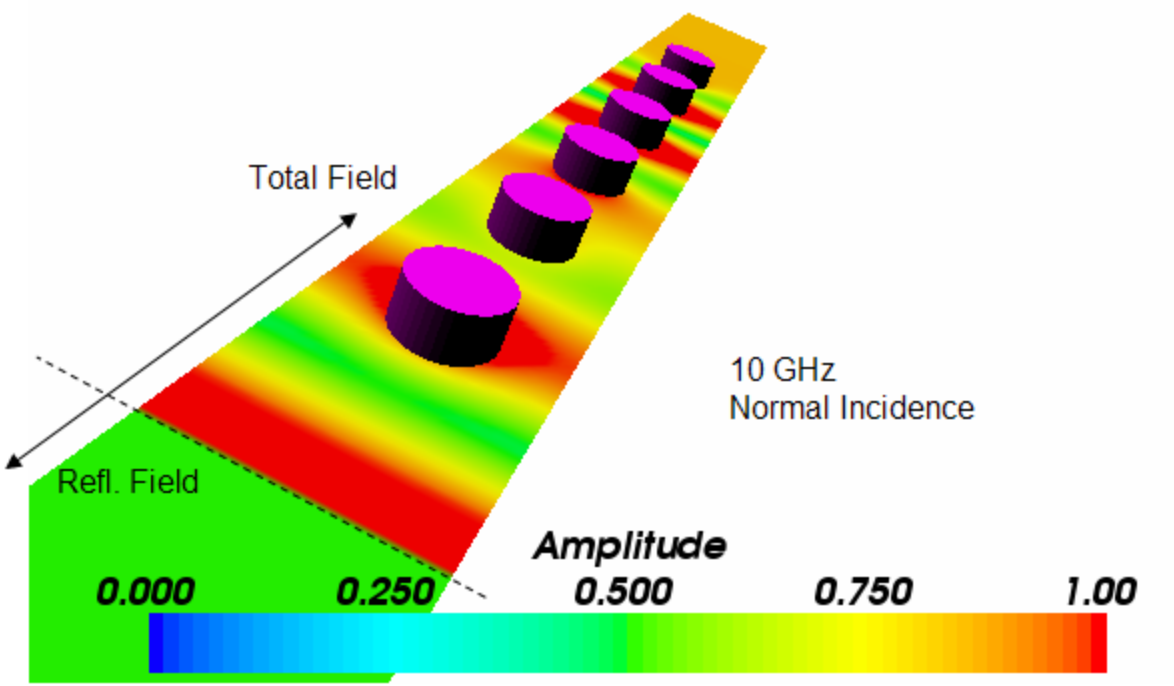
- Rod diameter = 4mm, spacing = 9mm, n = 2.05, k = 0, ambient = air
- Periodic in x direction



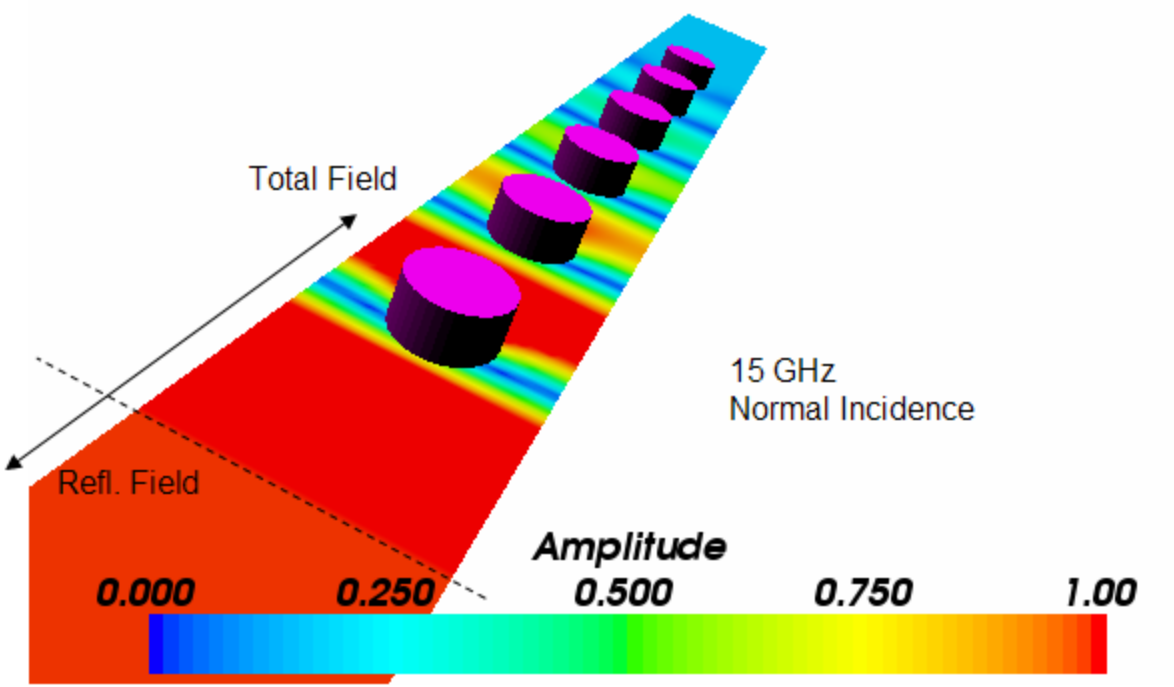
Transmission Spectrum



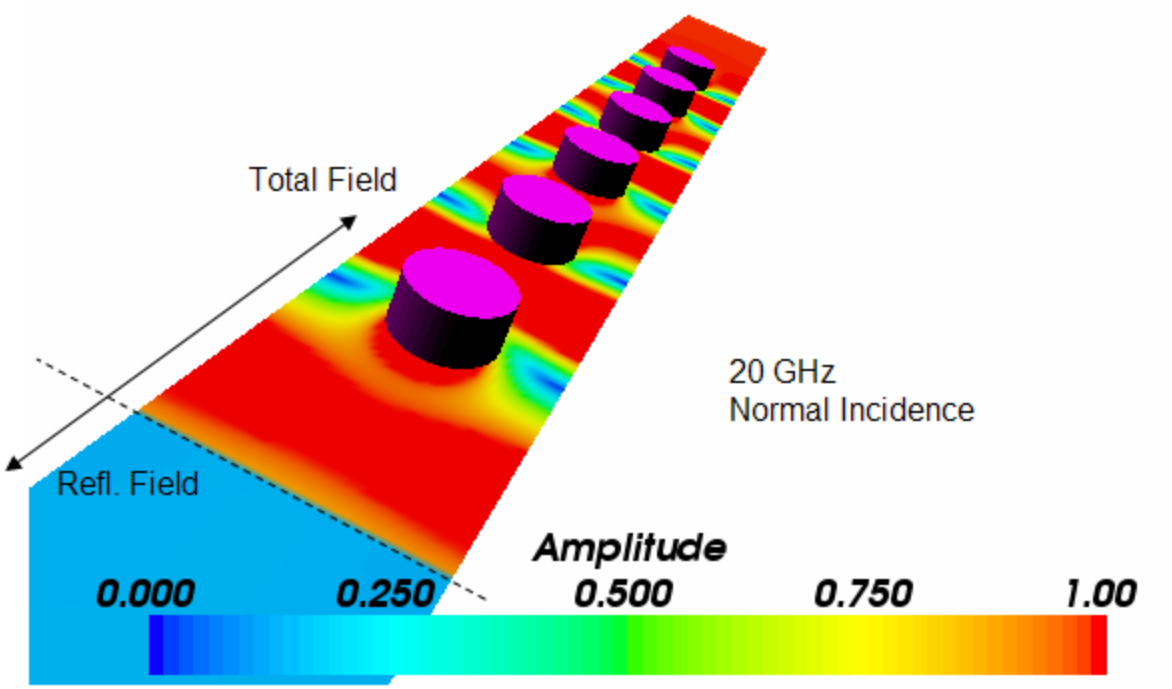
10 GHz, Normal Incidence



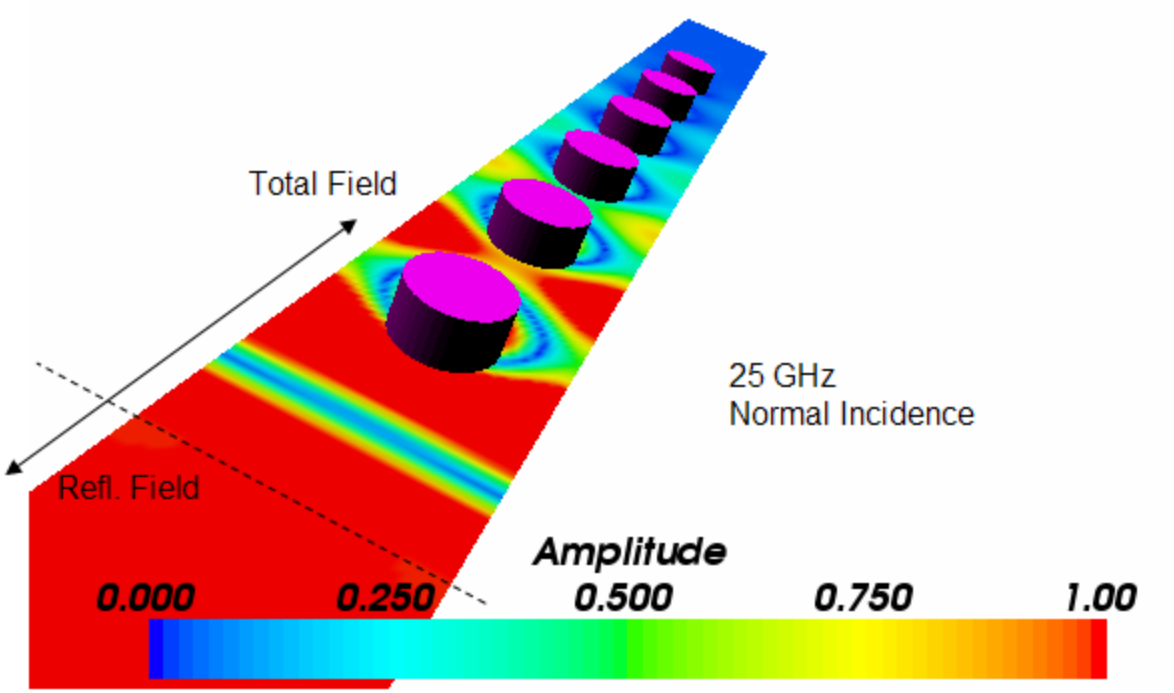
15 GHz, Normal Incidence



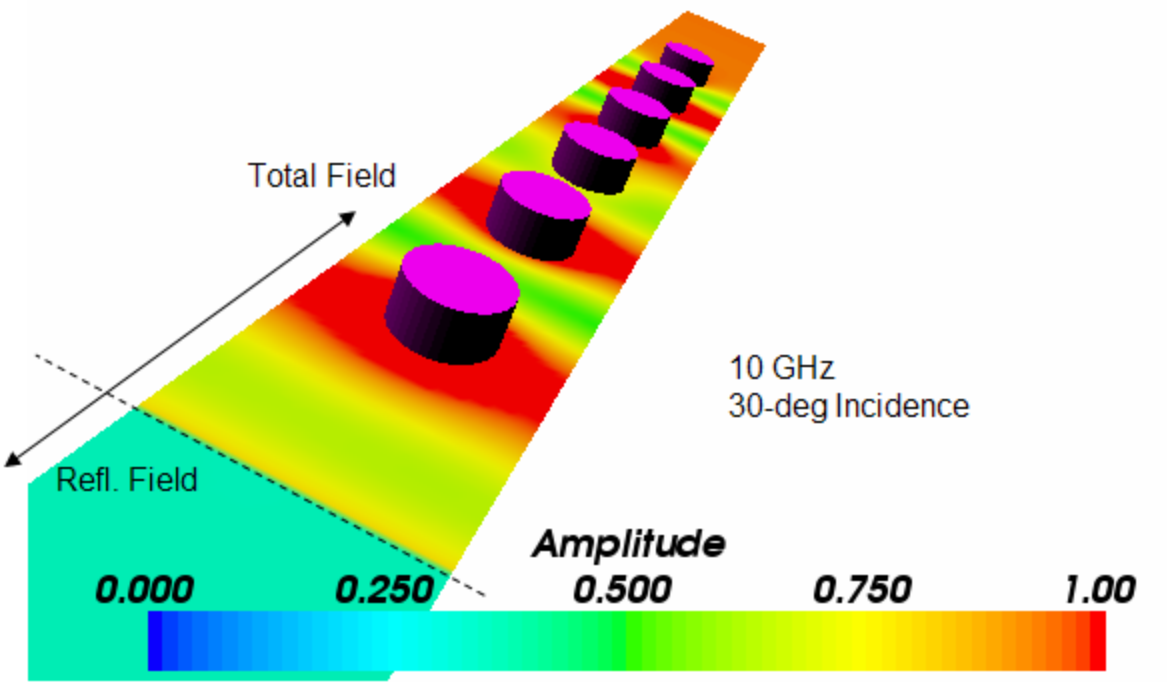
20 GHz, Normal Incidence



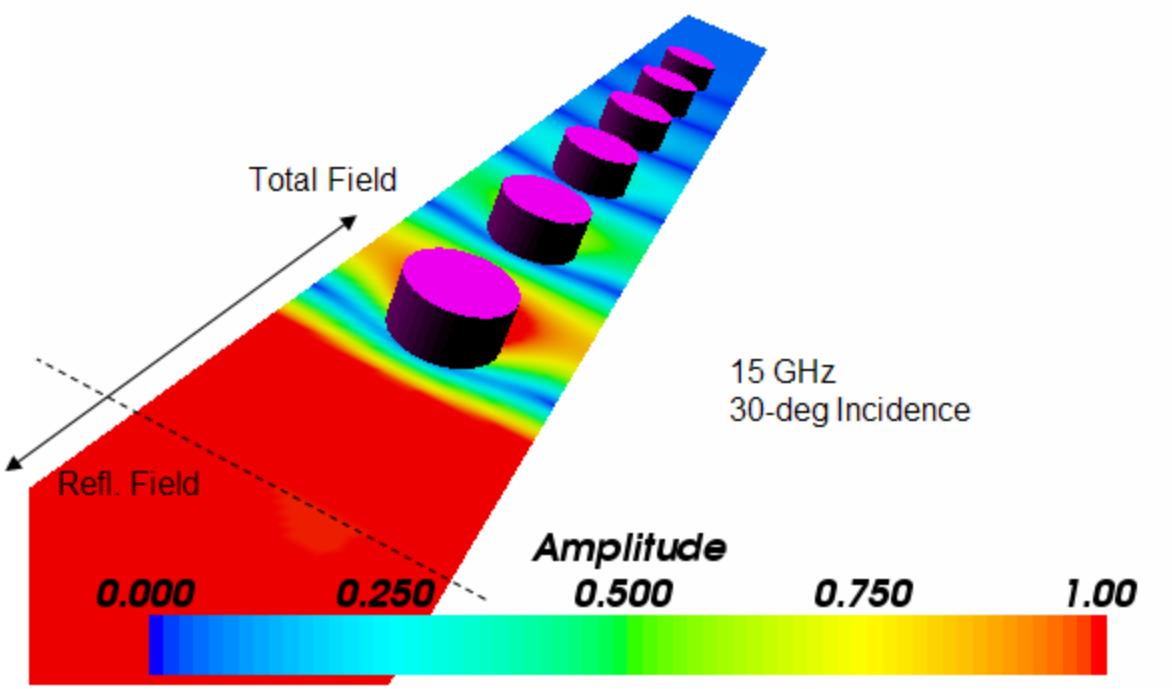
25 GHz, Normal Incidence



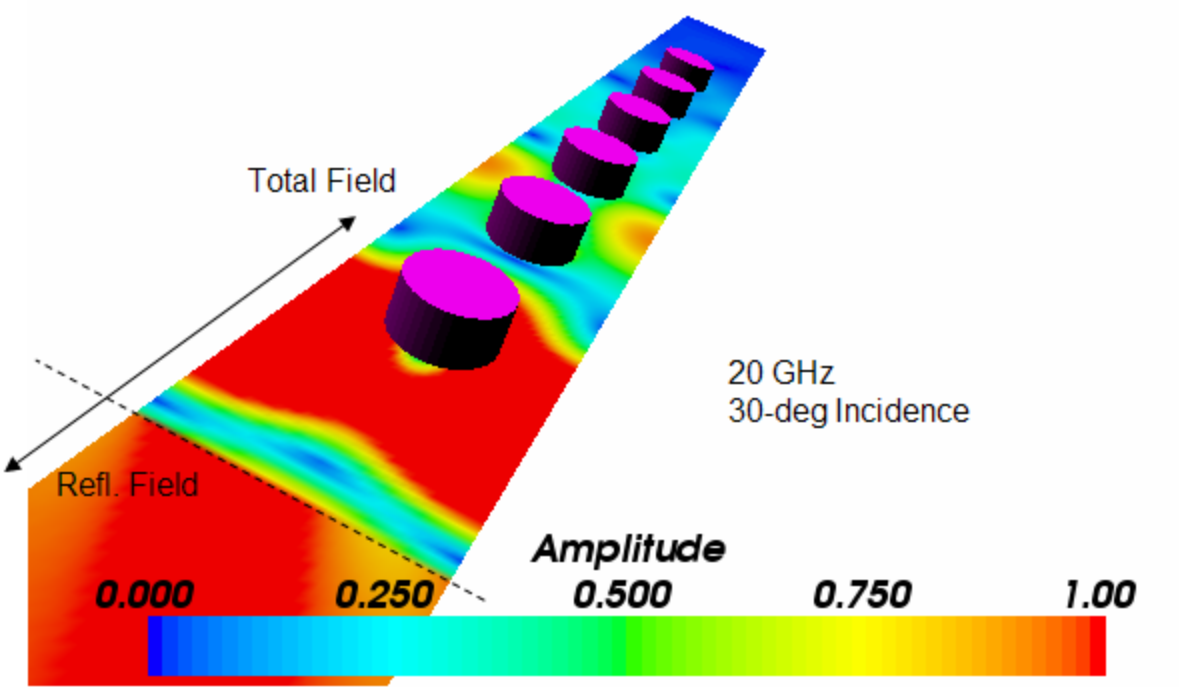
10 GHz, 30-Degree Incidence



15 GHz, 30-Degree Incidence



20 GHz, 30-Degree Incidence



25 GHz, 30-Degree Incidence