

Exam 2: Chapters 13 and 14 – Interfaces and waveguides

Normal and non-normal incidence (plane waves)

Reflection and transmission coefficients

TE and TM polarization (interface context)

Fresnel equations, Brewster angle, polarization by reflection

Parallel plate, rectangular, and coax waveguides

TE, TM, TEM (waveguide context)

Power transport, group and phase velocities

Cutoff frequencies