## Problem 5

- 1. Reproduce Fig. 2.24 using the wavenumber integration method. (set the thickness dz=1 m).
- 2. In question 1 above you used cylindrical geometry. Do the same computation for 2D geometry.
- 3. Plot the same figure using the image method based on Eq. 2.138. How many terms are needed for the figure to converge?