solid elements:
 - A: transducer
 - B: copper (high acoustic impedence)
 - C: resin/glass-fiber composite (low acoustic impedence)

signals:
 - a: produced by the transducer
 - b: refracted at 45° towards the patient
 - c: transmitted through the cooper/air interface
 - d: refracted by the copper/composite interface
 - e: transmitted through the copper/air interface
 - f: transmitted through the copper/composite interface

Problem: determine the angle of vectors b, c, d, e, and f, and the attenuation in dB of the corresponding signals