



solid elements:

- A: transducer
- B: copper (high acoustic impedance)
- C: diffusing material (low acoustic impedance)

signals:

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

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