1. Look = Losensworm + L reflection =
$$-60.5$$

Laccommon = $-60.5 - (-33.27) = -23.23$ dB

Look \overline{Z}_{q} is the authoritie impedance of the anatorial on the other side of boundary:

The reflected component is the residual that did not get through boundary:

 $R = 1 - T = 1 - \frac{2Za}{Z_{mode} + \overline{Z}q} = \frac{Z_{mode} - \overline{Z}q}{Z_{mode} + \overline{Z}q}$

Luckertion = $20 \times \log_{10}(R) = -23.23$ dB

then $R = \overline{Z_{mode}} - \overline{Z}q = 0.0689 = \overline{D}$
 $\overline{Z_{mode}} + \overline{Z}q = \overline{D}$

Thus we have a watery cyst

$$2. \int_{0} = -\frac{2va}{c} \int_{0}^{\infty} dt$$

$$v_{\alpha} = -\frac{1}{2} \frac{f_{P}}{H} \cdot C = \frac{-1}{2} \cdot \frac{-1000}{2 \times 1000} \times 1540 = 0.385 \text{ m/s}$$

nove =
$$-\infty$$
 of ∞

$$= -\infty$$
 of ∞

$$= -\infty$$
 of ∞

$$= -\infty \cdot \int 2(max depth)$$

$$= -\infty \cdot \int 4 d^{2}$$

$$= -60 = -\frac{0.9}{10^{-2} \times 10^{-5}} \cdot \int_{-100}^{2} \frac{(20 \times 10^{-5})^{2}}{1540}$$