

95. From Eq. 34-26, we have $E_{\text{rms}} = \sqrt{\mu_0 c I} = 1941 \text{ V/m}$, which implies (using Eq. 34-5) that $B_{\text{rms}} = 1941/c = 6.47 \times 10^{-6} \text{ T}$. Multiplying by $\sqrt{2}$ yields the magnetic field amplitude $B_m = 9.16 \times 10^{-6} \text{ T}$.