

Chapter 22

22.4

At $x=0$: $E=0$

22.8

$$E = 5 \text{ V/m}$$

22.14

$$\lambda = 4 \text{ m}$$

22.24

$$L = 1.7 \text{ m}$$

22.44

$$E_0 = 38.7 \text{ V/m}$$

22.56

$$\text{flux density} = 2 \times 10^{27} \frac{\text{photons}}{\text{m}^2 \cdot \text{s}}$$