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5. $\vec{E} = (3\hat{a}_x + A\hat{a}_y + 3\hat{a}_z) e^{-j\frac{2\pi}{3}(0,125 - By)} \text{ V/m}$

a. $\beta = \frac{\cancel{2\pi}}{3} = \frac{\cancel{2\pi}}{\lambda}$

$$\lambda = \frac{3}{4} \text{ m} = 0,75 \text{ m}$$

b.