

Optimum Orientation of Receiver

Starting with the direction of current flow in the receiver, determine the polarization (orientation of electric field) of the UHF waves. Hence, what should be the optimum orientation of the receiving antenna (indicated by the brightness of the light bulb) ?

- a.) Parallel to the transmitting antenna.
- b.) 30° to the transmitting antenna.
- c.) 45° to the transmitting antenna.
- d.) 60° to the transmitting antenna.
- e.) Perpendicular to the transmitting antenna.