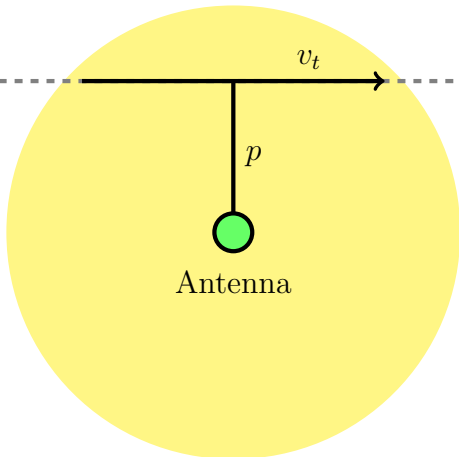


$\omega < \omega_p$ :



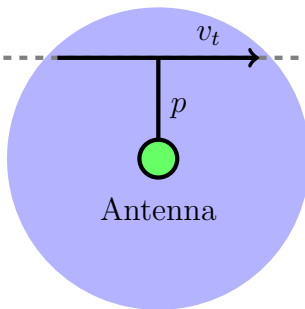
Antenna

Debye Sphere

$$\Delta t \approx 1/\omega_p$$

$$p \approx L_D$$

$\omega > \omega_p$ :



Antenna

1/k Sphere

$$\Delta t \approx 1/\omega$$

$$p \approx 1/k$$

