

*Lec 17 -- Midterm review, aperture, polarization*

Write an equation that relates power at a receive antenna to power transmitted in terms of receive aperture.

What is the aperture of an isotropic radiator?

Write an equation relating the power at a receive antenna to power transmitted in terms of receiver gain

What is the relationship between gain and aperture?

What is the relationship between gain and directivity?

What is path loss? Write an equation for it?

What is polarization? How can it affect received power?

What is a link budget?