

$$\frac{P_r}{P_t} = \left(\frac{\lambda}{4\pi d}\right)^2 G_t G_r$$

$$\frac{P_r}{P_t} = \left(\frac{\lambda}{4\pi d}\right)^2 = \frac{1}{\left(\frac{4\pi d}{\lambda}\right)^2}$$