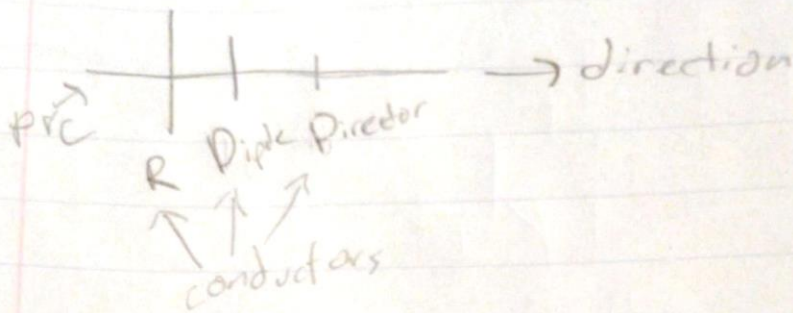


# Yagi Antenna



Target  $\approx 244 \text{ MHz}$

$$\lambda = \frac{c}{f}$$

$$\text{Reflector Length} = 0.495 \lambda = 0.6086 \text{ m}$$

$$\text{Dipole Length} = 0.473 \lambda = 0.5815 \text{ m}$$

$$\text{Director Length} = 0.440 \lambda = 0.5409 \text{ m}$$

$$\text{R} \rightarrow \text{D Space} = 0.125 \lambda = 0.15369 \text{ m}$$

$$\text{D} \rightarrow \text{D Space} = 0.125 \lambda = 0.15369 \text{ m}$$

