$$\begin{aligned} & \theta \\ & d_{min} \\ & d_{max} \\ & \mathbf{p}_r \\ & \theta \end{aligned}$$

$$R \\ & \theta = 11^{\circ}$$

$$d_{min} \\ & d_{max} \\ & d_{min} \\ & d_{max} = 2meters$$

$$d_{max} = 100meters$$

$$P_r \\ & P_r \\ &$$