for single slit, the angular position is given as :-

$$\sin\theta = \frac{n\lambda}{d}$$

$$\Rightarrow \quad n = 2 \quad \therefore \quad \sin\theta = \frac{2 \times 550 \times 10^{-9}}{\frac{22}{2} \times 10^{-7}} = \frac{50}{100}$$

$$\sin\theta = \frac{1}{2}$$

$$\therefore \quad \theta = \frac{\pi}{6}$$