$$\begin{array}{l} V(\Theta, \Phi) = | \text{ for } 0 \leq \theta \leq 20^{\circ} \\ V(\Theta, \Phi) = 0.342 \cdot \text{CSC}(\Theta) \text{ for } 20^{\circ} \leq \theta \leq 60^{\circ} \\ V(\Theta, \Phi) = 0 \text{ for } 60^{\circ} \leq \Theta \leq 180^{\circ} \\ P_{RAD} = \int_{0}^{2\pi} \left[\int_{0}^{\pi} V(\Theta, \Phi) \cdot \sin(\Theta) d\Theta \right] d\Phi \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{60^{\circ}} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{60^{\circ}} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{60^{\circ}} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{60^{\circ}} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \sin(\Theta) d\Theta + \int_{0.742}^{2\pi} \cos(\Theta) \cdot \sin(\Theta) d\Theta \right] \\ = 2\pi \left[\int_{0}^{2\pi} \cos(\Theta) \cos(\Theta) \cos(\Theta) + \int_{0}^{2\pi} \cos(\Theta) \cos(\Theta) \cos(\Theta) d\Theta \right]$$

