

Ccd = RATRL

$$R_{Series} = \frac{Na}{b}R_{S}$$

$$R_{S} = \sqrt{\frac{2\pi F \mu_{0}}{2\sigma}} = -\sqrt{\frac{2\pi \times 10^{6} \times 4\pi \times 10^{-7}}{2\times 5.8 \times 10^{7}}} = 260 \,\mu\text{M}$$

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$$R_{S} = 1000^{2} \text{ rodius} = 1/2 \text{ cm}$$

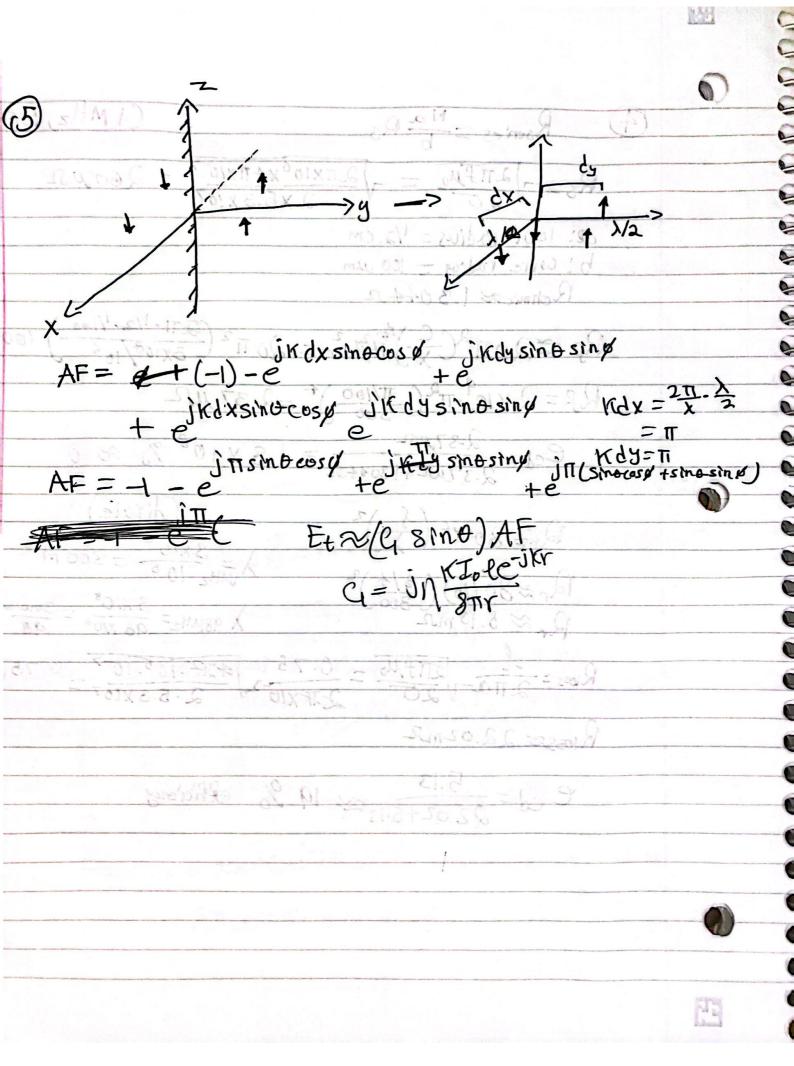
$$R_{S} = 20\pi^{2} \left(\frac{C}{\lambda}\right)^{2} N^{2} \mu_{cer}^{2} = 20\pi^{2} \left(\frac{2\pi^{-1/2} \cdot 1/100}{3\times 10^{8}/10^{6}}\right) 100^{2} \cdot 100^{2}$$

$$R_{S} = 2 \times 10^{9} \cdot \pi^{2} \left(\frac{\pi 1/100}{300}\right)^{4} = 2.37 \,\mu\text{M}^{2}$$

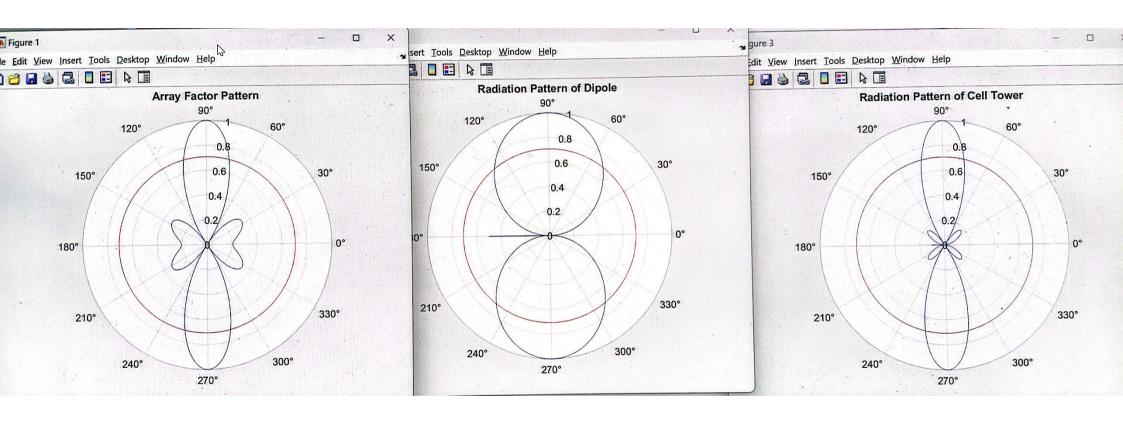
$$R_{C} = \frac{2.37 \,\mu\text{M}}{2.37 \,\mu\text{M}} + 1.3044 \,\pi^{2} = 1.8 \times 10^{8} \,\% \approx 0$$

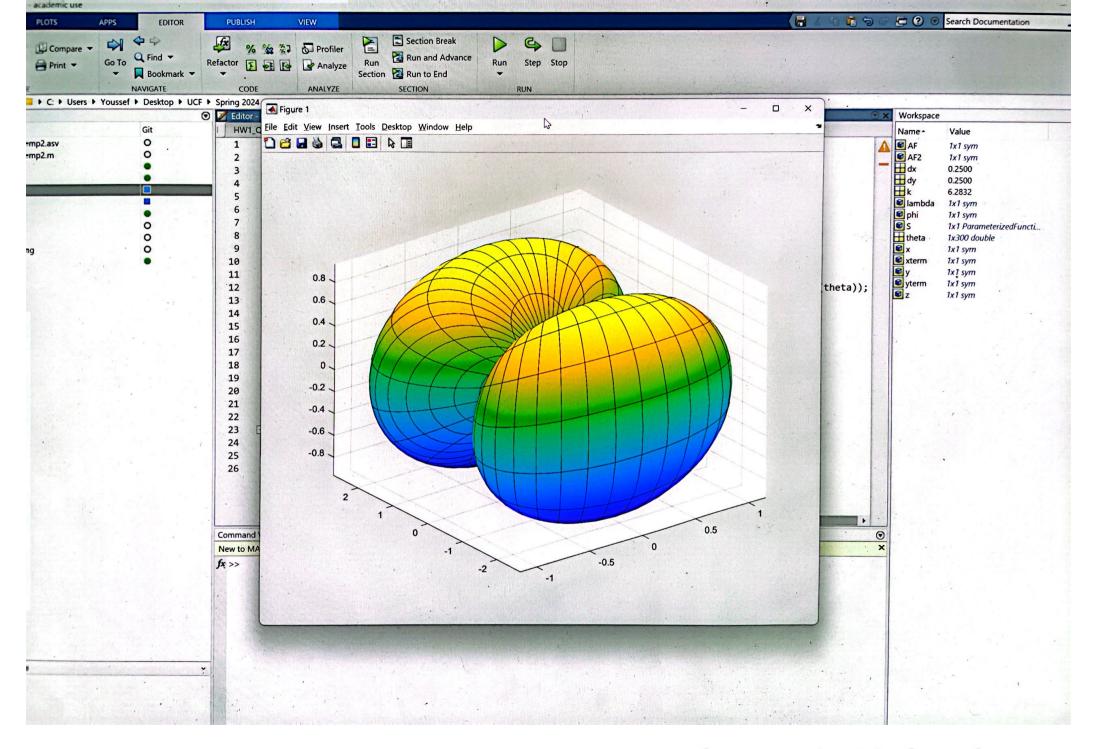
$$R_{R} \approx 80 \, \text{Mi} \left(\frac{3}{300}\right)^{2} \qquad \qquad \lambda_{\text{MH}_{Z}} = \frac{3\times 10^{8}}{10^{6}} = 300 \,\text{m}$$

$$R_{R} \approx 5.13 \,\text{m}^{2} \qquad \qquad \lambda_{\text{M}} \approx \frac{3\times 10^{8}}{28 \,\text{m}^{2}} = \frac{3\times 10^{8}}{48} =$$



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