

Figure 1

I'm skeptical of the current distribution for the  $1.25\lambda$  case since I would expect it to be somewhere in between the  $\lambda$  and  $1.5\lambda$  cases (see figure 1). Maybe I've just inverted the plot somewhere?

Figure 2

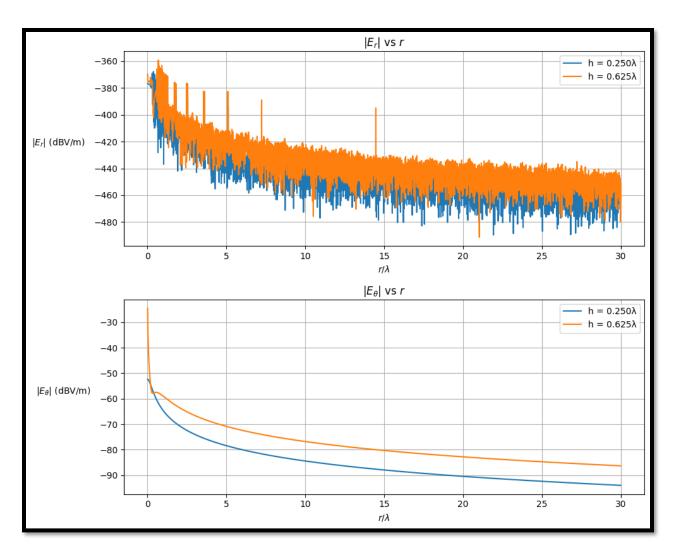


Figure 3

This does make sense. Radial component of E field should be 0 far from the antenna. Not sure what that spiking on the top plot of figure 3 is though

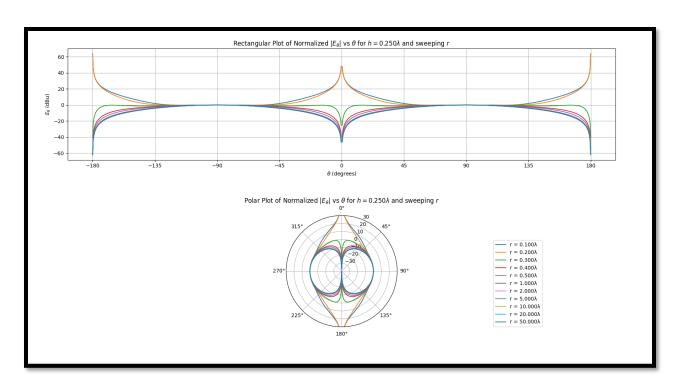


Figure 4

This makes sense. Radiation pattern should be a torus, but only close to the antenna. When looking at figure 6, the most E field is in the theta hat direction along the z azis

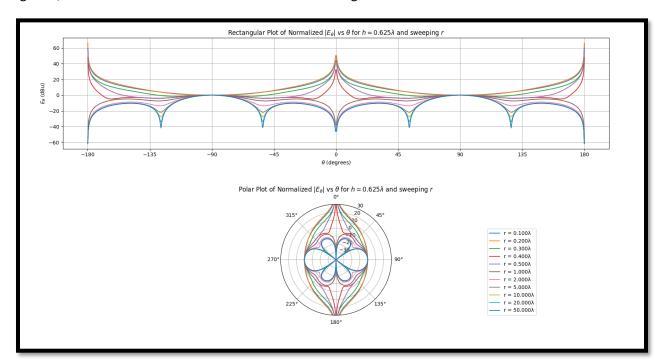


Figure 5

Makes sense again. Looks like textbook (figure 7)

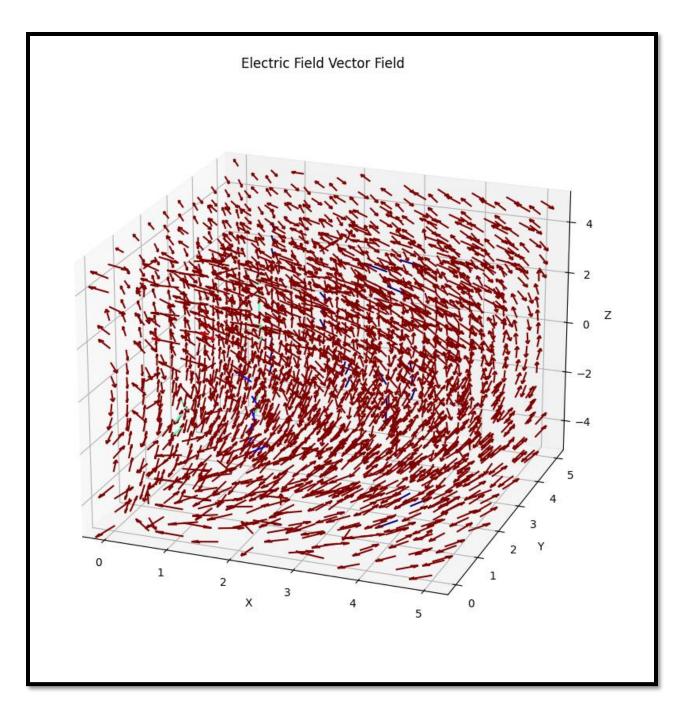


Figure 6

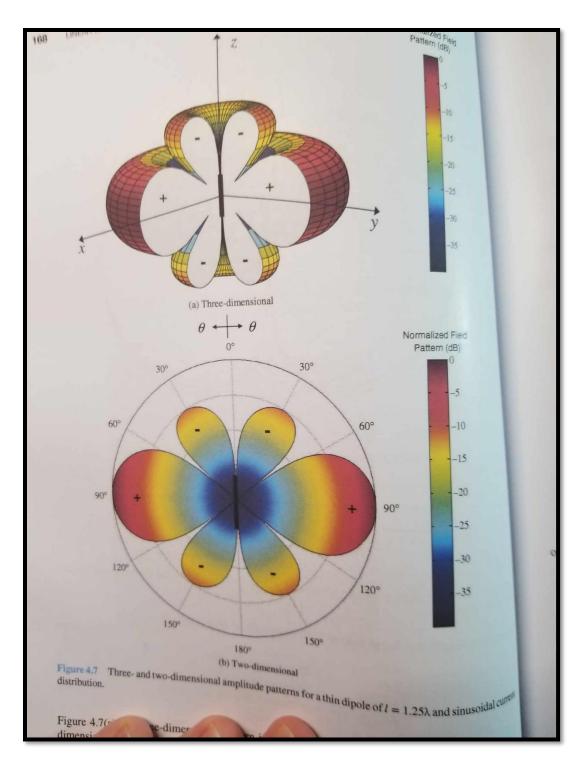


Figure 7