$$E = \frac{kQ}{k^{2}} = \frac{(9x10^{8} N_{ph} k/c^{2})}{(2.18x)^{2}} (\frac{7.27 \times 10^{4} \times}{2})$$

$$= \frac{6.5 4 \times 10^{8} N/c}{8}$$

$$= \frac{6.5 4 \times 10^{8} N/c}{8} = \frac{25J}{4 \times 8}$$

$$= \frac{1.087 \times 10^{7} V}{10^{8}}$$

$$= \frac{1.087 \times 10^{7} V}{10^{8}} (\frac{1.087 \times 10^{7} V}{10^{8}}) (\frac{1.08$$