The frequency of the local KLBJ radio waves is 590 kHz.

Estimate the wavelength of KLBJ radio waves.

A) The wavelength is about the size of a bean ($\approx 1\,\text{cm}$).
B) The wavelength is about the size of a man ($\approx 2\,\text{m}$).
C) The wavelength is about the size of UT stadium ($\approx 500\,\text{m}$).
D) The wavelength is about the size of UT campus ($\approx 10\,\text{km}$).

$\lambda = \dfrac{c}{f} = \dfrac{3 \times 10^8}{600 \times 10^3} \approx 500\,\text{m}$. So it is of the size of UT Memorial stadium.
Answer **C**.