

Wavelength in Air

The UHF (Ultra High Frequency) Transmitter used in this demonstration generates EM waves at a frequency of 433.92 MHz. What is the wavelength associated with these waves in air?

a.) $6.9137 \times 10^5 m$

b.) $69.137 cm$

c.) $1.3 \times 10^{17} m$

d.) $1.4464 \times 10^{-6} m$

e.) $1.4464 m$