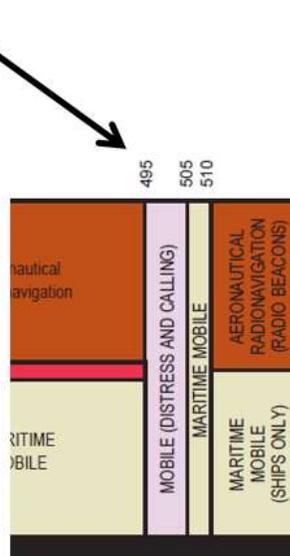


Using the 2010 EM Wave Chart, answer the following questions. When determining a specific Hz use the first line of the block. (E.G.) for a range use both ends of a block (e.g between 495-505 kHz)

495 kHz = 495×10^3 or 4.95×10^5 Hz for Mobile Distress and Calling



- 1) What is at 9KHz and what is its wavelength?
- 2) What is the frequency range of AM broadcasting in Hz?
- 3) What is the wavelength of AM Broadcasting?
- 4) What is the frequency range of FM broadcasting in Hz?
- 5) What is the wavelength of FM Broadcasting?
- 6) What is the range of TV Broadcasting Channels 2-4 frequency?
- 7) What is the range TV Broadcasting Channels 2-4 wavelength?
- 8) A radio controlled car is either at 27 or 49MHz, what else is in that range?
- 9) Popular amateur radio band widths are reported in wavelength 6m, 2m and 1.25m are just a few, what are their frequencies?