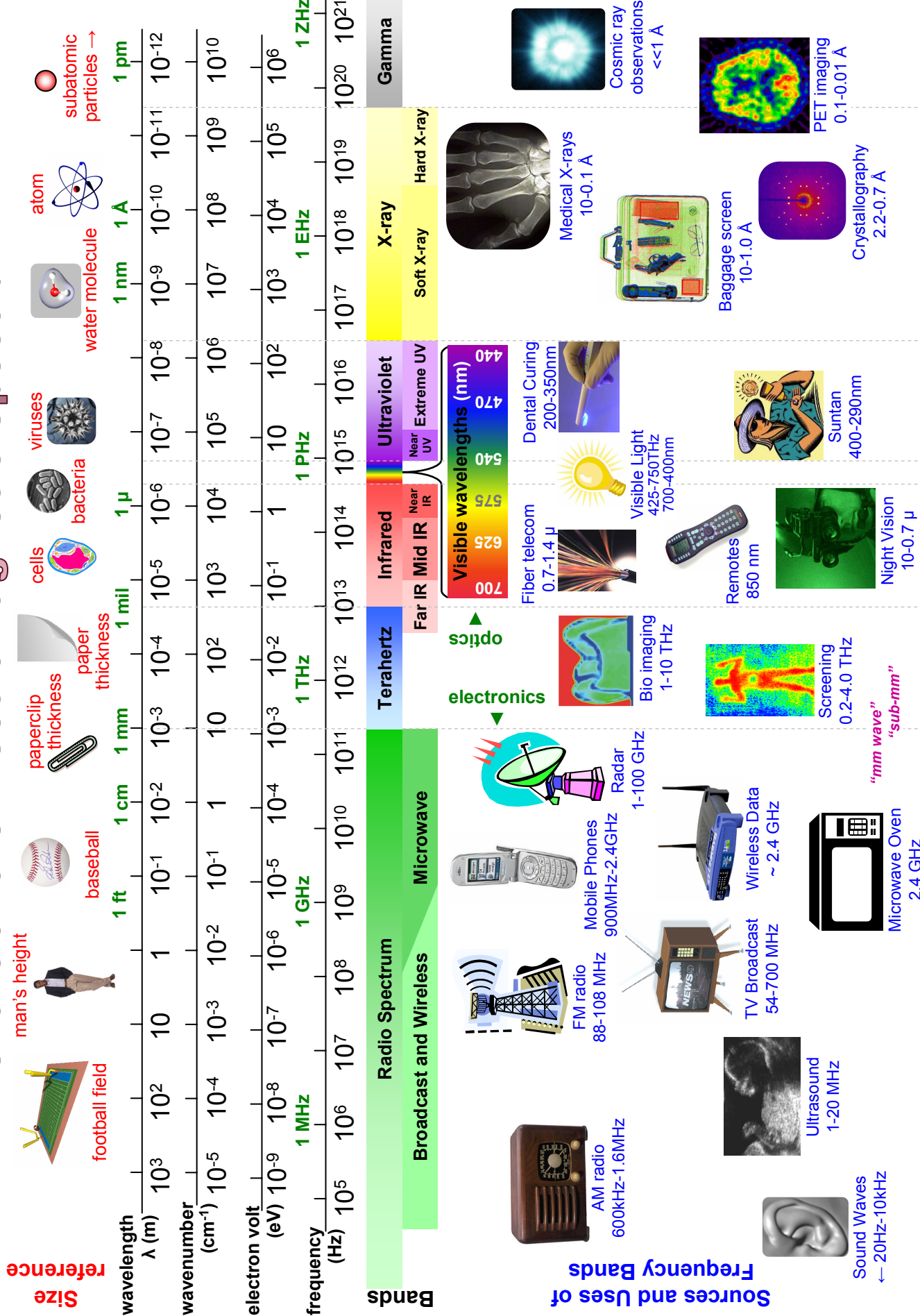


Chart of the Electromagnetic Spectrum



Sources and Uses of Frequency Bands

$$\lambda = 3 \times 10^8 / \text{freq} = 1 / (\text{wn} \times 100) = 1.24 \times 10^{-6} \text{eV}$$