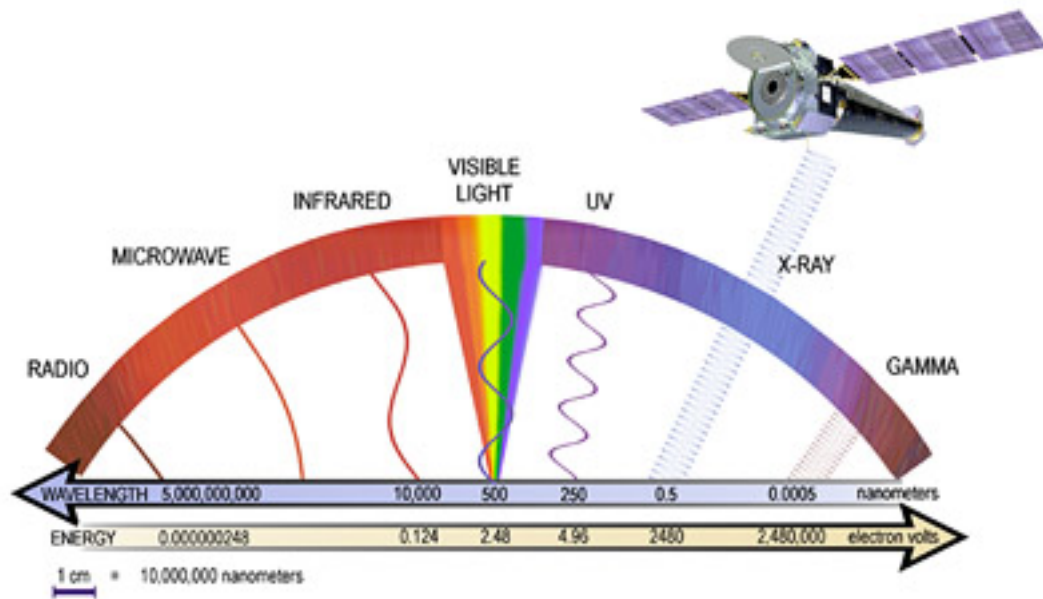


The Electromagnetic Spectrum



Frequency and Wavelength of Energy in the Electromagnetic Spectrum		
Energy	Frequency in hertz	Wavelength in meters
gamma-rays	10^{20} - 10^{24}	$<10^{-12}$ m
x-rays	10^{17} - 10^{20}	1 nm-1 pm
ultraviolet	10^{15} - 10^{17}	400 nm-1 nm
visible	4 - 7.5×10^{14}	750 nm-400 nm
near-infrared	1×10^{14} - 4×10^{14}	2.5 um-750 nm
infrared	10^{13} - 10^{14}	25 um-2.5 um
microwaves	3×10^{11} - 10^{13}	1 mm-25 um
radio waves	$<3 \times 10^{11}$	>1 mm

Graphic from: www.spacetoday.org