

Red Monkeys In velvet underpants play X box Games.
 Radio Microwave infra Red. visible ultraviolet. ray gamma.

Wavelength LONG
 Frequency LOW

(mm) Shorter
 (nm) $\times 10^{-9}m$. SHORT.
 (pm) $\times 10^{-12}$
 HIGHER
 HIGH
 HIGHEST f.
 HIGHEST E

e.g) Speed = frequency \times wavelength
 $\rightarrow 3 \times 10^8 = 3 \times 10^{14} \times 1 \times 10^{-6}$

EM SPECTRUM - All travel at $3 \times 10^8 m/s$.
 (in space) VACUUM.
PIE ELECTROMAGNETIC WAVES.
 Cancer causing (IONISING).

and energy

(NON IONISING)

