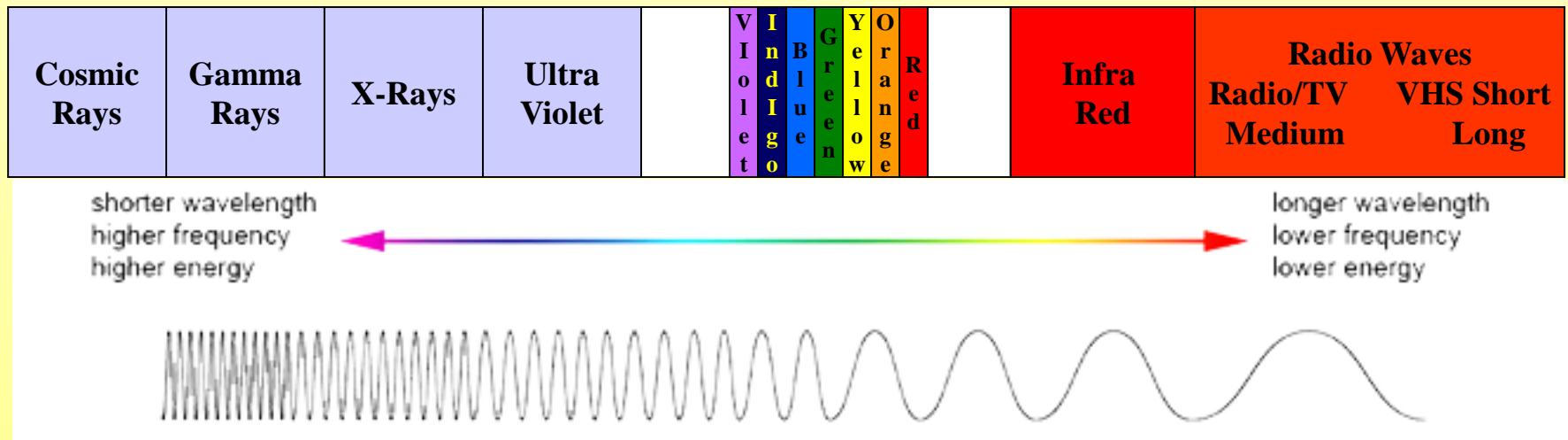


# The ElectroMagnetic Particle-Wave Spectrum: Different Levels of Velocities

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## Introduction

Physicists generally treat the entire spectrum of electromagnetic particle-waves (EMPW) as traveling at the speed of light in a vacuum. In this manner, the visible light spectrum perceived by human beings is assigned a privileged place in the study and description of the entire electromagnetic wave spectrum that it does not share.

It is important to understand that all electromagnetic particle-waves travel at 299792458 meters per second as measured between two arbitrarily selected points. But, all of the electromagnetic particle-waves travel that defined distance in that one second of time as different velocities according to each one's own amplitude|frequency|wavepath-length.

# ***DIFFERENCE IN THESE***

## **Commonly held thesis today:**

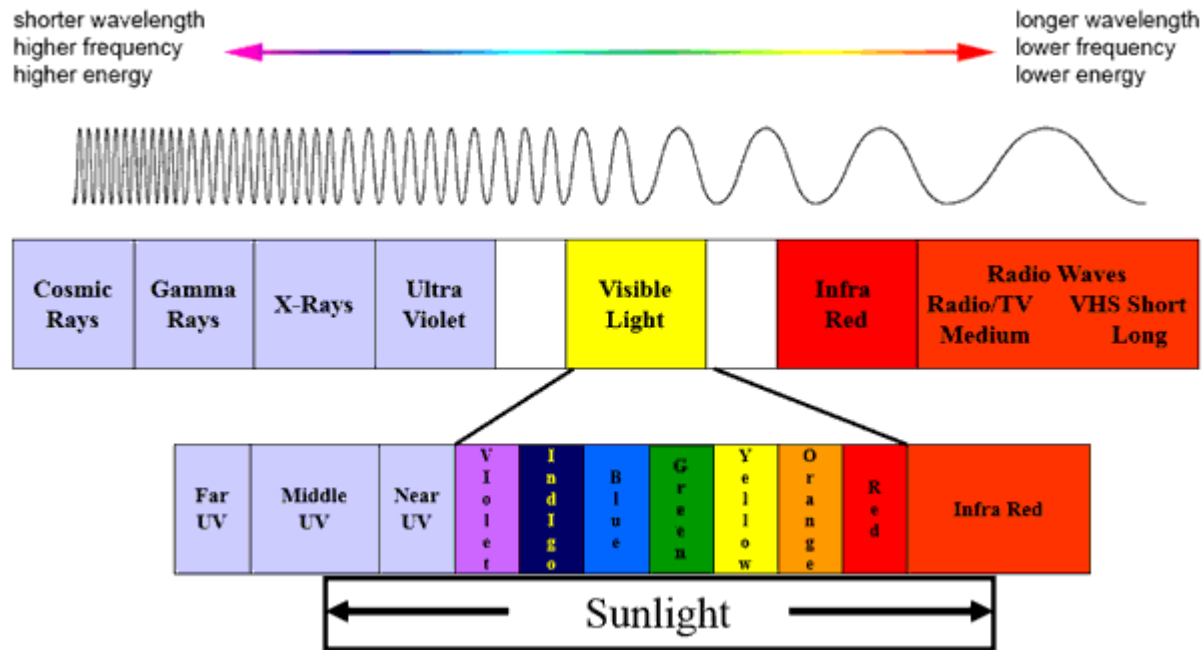
- ❖ All electromagnetic waves, differentiated by wavelength and frequency, travel **at the speed of visible light in a vacuum: 299792458 m/s.**

## **Proposed thesis from perspective of spacetime/motion analysis:**

- ❖ All electromagnetic particle-waves **travel at 299792458 meters per second between two arbitrarily selected measured points.**  
Every electromagnetic particle-wave travels a unique spiral wavepath at velocities above the defined 299792458 meters per second due to each EMPW's unique amplitude|frequency|wavepath-length.

## Current Thesis in Physics:

All electromagnetic waves, differentiated by wavelength and frequency, travel at the speed of visible light in a vacuum: 299792458 m/s.



**Biased thesis as though light enjoyed some special status among electromagnetic waves.**

Illustration is generally understood to mean visible light as perceived by human beings.

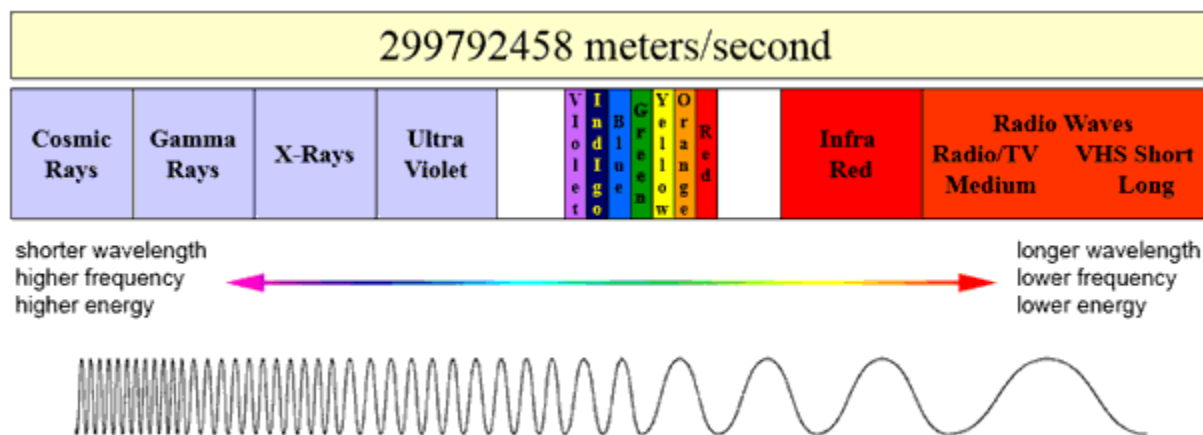
A spectrum illustration for **insects** would include ultra-violet light.

# Thesis Proposed from Perspective of the

## Theoretical Conception of Spacetime/Motion Analysis:

All electromagnetic particle-waves **travel at 299792458 meters per second between two arbitrarily selected measured points.**

Every electromagnetic particle-wave travels a unique spiral wavepath at velocities above the defined 299792458 meters per second due to each EMPW's unique amplitude|frequency|wavepath-length.



## Electromagnetic particle-wave spectrum

Particular EMPW velocities are above 299792458 m/s in accordance with the amplitude|frequency|wavepath-length of each EMPW.