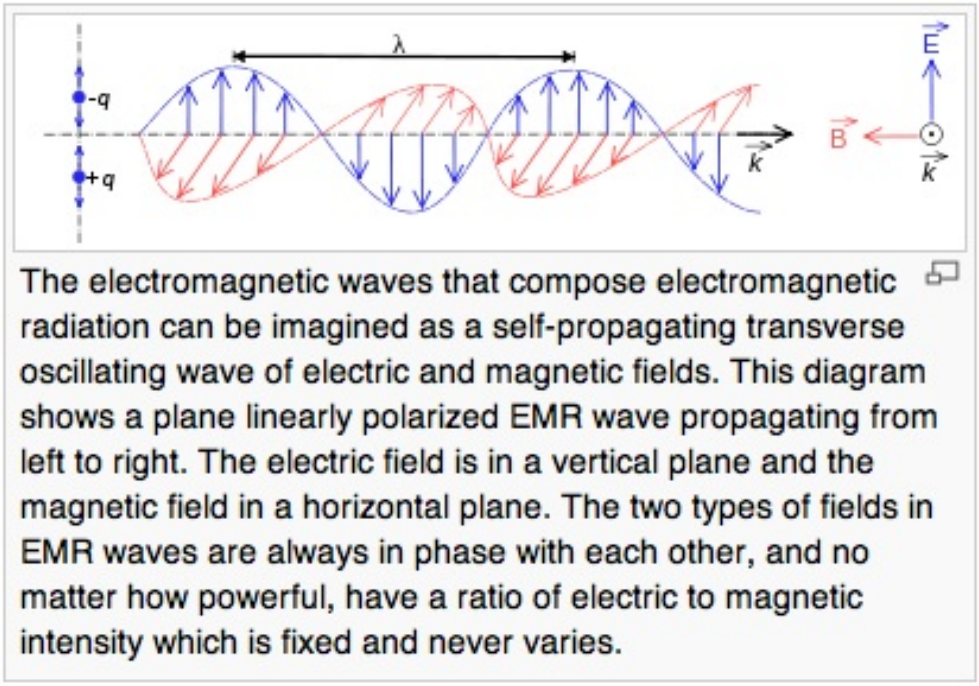
Radio Waves

Radio waves are a type of electromagnetic radiation with wavelengths in the electromagnetic spectrum longer than infrared light. **Radio waves** have frequencies from 300 GHz to as low as 3 kHz, and corresponding wavelengths from 1 millimeter to 100 kilometers. Like all other electromagnetic waves, they travel at the speed of light. Naturally occurring **radio waves** are made by lightning, or by astronomical objects. Artificially generated **radio waves** are used for fixed and mobile radio communication, broadcasting, radar and other navigation systems, communications satellites, computer networks and innumerable other applications. Different frequencies of **radio waves** have different propagation characteristics in the Earth's atmosphere; long waves may cover a part of the Earth very consistently, shorter waves can reflect off the ionosphere and travel around the world, and much shorter wavelengths bend or reflect very little and travel on a line of sight. Wikipedia, Radio Waves



The electromagnetic waves that compose electromagnetic radiation can be imagined as a self-propagating transverse oscillating wave of electric and magnetic fields. This diagram shows a plane linearly polarized EMR wave propagating from left to right. The electric field is in a vertical plane and the magnetic field in a horizontal plane. The two types of fields in EMR waves are always in phase with each other, and no matter how powerful, have a ratio of electric to magnetic intensity which is fixed and never varies.

Electromagnetic Radiation
(courtesy Wikipedia, Electromagnetic Radiation)
(click to enlarge)

Schauberger

"The decrease in tuberculosis since **radio waves** first vibrated through the ether is also no accident. These emissions cause an unbalanced and excessive concentration of oxygen both in water and the atmosphere which goes a long way towards explaining why human beings have become faster-living, more hot-tempered, but regrettably less intelligent in the process." [Our Senseless Toil, page 32]

See Also

3.8 - There are no Waves
3.9 - Nodes Travel Faster Than Waves or Light
15.08 - Dissociating Water with X-Rays - Radiolysis
16.06 - Electric Waves are Sound Waves
19.05.01 - From The Dynamic Theory of Life and Mind - Radiometer Motion
Figure 12.12 - Russells Multiple Octave Waves as Fibonacci Spirals
Figure 13.13 - Gravity Syntropic and Radiative Entropic Waves
Figure 14.07 - Love Principle: Two sympathetic waves expanding from two points have one coincident centering locus

Electromagnetic Radiation
Figure 6.9 - Russell depicts his waves in two ways
Longitudinal Waves in Vacuum
Matter Waves and Electricity
Nodal Waves
radio-active
radiometer
Rad-Energy
Radionics
Standing Waves
Water Radiolysis