Electromagnetic Waves Crossword

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| **Across**  **3.** The range of electromagnetic waves with different frequencies and wavelengths, increasing in frequency and decreasing in wavelength.  **7.** The type of wave with the lowest frequency out of all the electromagnetic waves & carries the least energy.  **8.** Radio waves broadcast by a station at its assigned frequency.  **9.** Have the highest frequency and carry the most energy. They are produced by changes in the nuclei of atoms. Too much can damage or kill living cells.  **10.** The type of wave that we feel as heat.  **11.** Electromagnetic waves that we can detect with our eyes. | **Down**  **1.** A system used to locate objects on Earth.  **2.** Has higher frequencies and carries more energy than visible light. The energy carried by it can be enough to damage or kill cells.  **4.** The energy carried by an electromagnetic wave.  **5.** A wave that can travel through empty space or through matter and is produced by charged particles that are in motion.  **6.** Have higher frequencies than Ultraviolet rays and enough energy to go through skin and muscle. Too much can kill or damage living cells. |