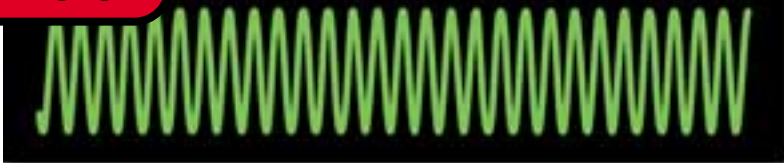


880 Hertz



440 Hertz

A



220 Hertz



Electromagnetic waves are measured by the frequency of their cycles (Hertz). In the middle is a 440Hz wave, which corresponds to an A (the note "la" in the traditional scale.) Shown above it is an 880Hz wave; below is a 220Hz wave. The higher the frequency of a wave, the more information can be sent across it within a given period.