

Users of the Spectrum

There are many uses of the spectrum that are not listed in the tables. Some of these uses require the company to obtain a license while other uses are unlicensed. The difference between the two is the strength of the signal being broadcast or received. If the signal is strong or capable of traveling a long distance than it must be licensed. If the signal is weak and can only travel a short distance it can remain unlicensed.

Cell phones	Wireless internet	Wireless entry to cars	Air pressure sensors
Radio Astronomy	Radar	Weather forecasting	Robot vacuums
Tv broadcasting	FM/AM radio	Communications with aircraft	Communications with ships
Radio telemetry for wildlife	Amateur radio	Garage door openers	Remote sensing
Handheld radios	Navigation systems		

Note: The military uses radio frequencies for many things including communications, radar, and other types of warfare. However, those uses are not licensed by the FCC so they are not included in this activity.