

Radio frequency (RF) is the oscillation rate of an alternating electric current or voltage or of a magnetic, electric or electromagnetic field or mechanical system in the frequency range from around 20 kHz to around 300 GHz. This is roughly between the upper limit of audio frequencies and the lower limit of infrared frequencies; these are the frequencies at which energy from an oscillating current can radiate off a conductor into space as radio waves. Different sources specify different upper and lower bounds for the frequency range.

In the present book, fifteen typical literatures about Radio frequency published on international authoritative journals were selected to introduce the worldwide newest progress, which contains reviews or original researches on Radio frequency. We hope this book can demonstrate advances in Radio frequency as well as give references to the researchers, students and other related people.¹

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¹ https://en.wikipedia.org/wiki/Radio_frequency