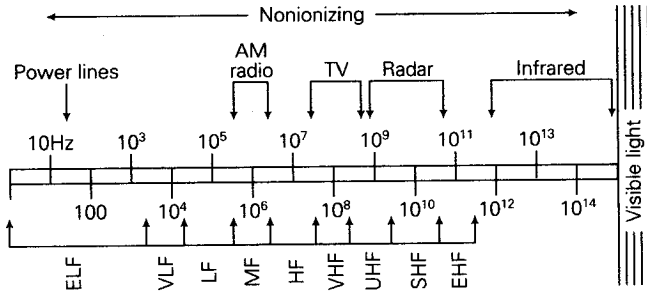


# The Radio Frequencies



Uses	Frequency	Spectral regions	Wavelength
Power transmission	300Hz		1,000,000 m
			100,000 m
Radio	30,000 Hz	Very low frequency	10,000 m
		Low frequency	1,000 m
		Medium frequency	100 m
		High frequency	10 m
Television	3 X 10 <sup>8</sup> Hz	Very high frequency	1 m
		Ultra high frequency	10 <sup>-1</sup> m
Radar	3 X 10 <sup>10</sup> Hz	Super high frequency	10 <sup>-2</sup> m
Microwaves	3 X 10 <sup>12</sup> Hz	Extremely high frequency	10 <sup>-3</sup> m
			10 <sup>-4</sup> m
Radiant heating	3 X 10 <sup>12</sup> Hz	Infrared	10 <sup>-5</sup> m
			10 <sup>-6</sup> m
Visible light	3 X 10 <sup>14</sup> Hz		