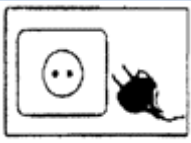
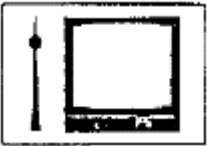
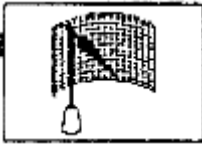
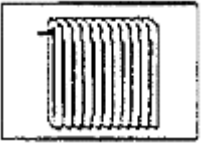
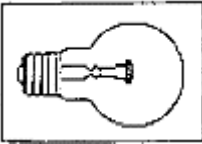


Frequenz [Hz]	Wellenlänge [m]	Wellenart	Anwendung
30 Hz 300 Hz 3 kHz	10^7 10^6 10^5	Niederfrequenz (Elektrosmog)	Wechselstrom  Elektrische Installation
30 kHz 300 kHz 3 MHz	10^4 10^3 10^2	Hochfrequenz Elektrosmog	 Rundfunkwellen lang, mittel, kurz
30 MHz 300 MHz 3 GHz	10^1 10^0 10^{-1}	Hochfrequenz (Elektrosmog)	Rundfunkwellen, Mikrowellen  Fernsehen, Mobiltelefon, ultrakurz
30 GHz 300 GHz	10^{-2} 10^{-3}	Hochfrequenz (Elektrosmog)	Mikrowellen  Radar, Mikrowellenherd
3 THz 30 THz 300 THz	10^{-4} 10^{-5} 10^{-6}	Infrarot	 Wärmequellen
$3 \cdot 10^{15}$ Hz $30 \cdot 10^{15}$ Hz	10^{-7} 10^{-8}	Sichtbares Licht UV – Strahlung	  770 nm Rot, 390 nm Violett
$300 \cdot 10^{15}$ Hz $3 \cdot 10^{18}$ kHz	10^{-9} 10^{-10}	Röntgenstrahlung	 Radioaktivität
$30 \cdot 10^{18}$ Hz $300 \cdot 10^{18}$ kHz $3 \cdot 10^{21}$ kHz	10^{-11} 12^{-13}	Gamma - Strahlung	 Radioaktivität