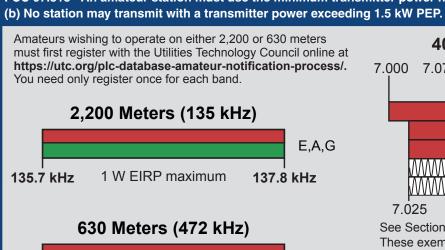
US Amateur Radio Bands

E.A.G

US AMATEUR POWER LIMITS

FCC 97.313 An amateur station must use the minimum transmitter power necessary to carry out the desired communications.

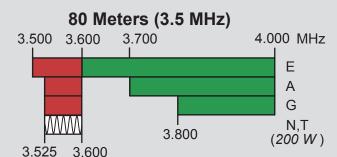


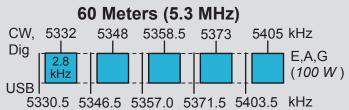


472 kHz 479 kHz 5 W EIRP maximum, except in Alaska within 496 miles of Russia where the power limit is 1 W EIRP.

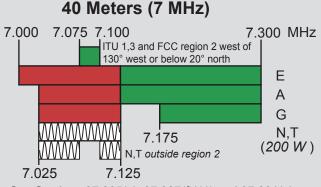
160 Meters (1.8 MHz) Avoid interference to radiolocation operations

from 1.900 to 2.000 MHz E,A,G 1.800 1.900 2.000 MHz





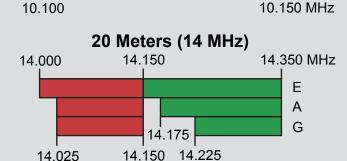
General, Advanced, and Amateur Extra licensees may operate on these five channels on a secondary basis with a maximum effective radiated power (ERP) of 100 W PEP relative to a half-wave dipole. Permitted operating modes include upper sideband voice (USB), CW, RTTY, PSK31 and other digital modes such as PACTOR III. Only one signal at a time is permitted on any channel.

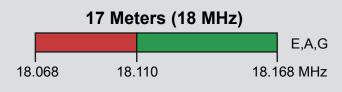


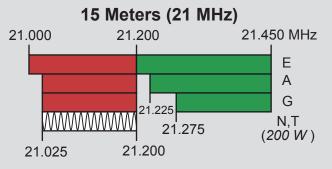
See Sections 97.305(c), 97.307(f)(11) and 97.301(e). These exemptions do not apply to stations in the continental US.

30 Meters (10.1 MHz)

Avoid interference to fixed services outside the US. 200 Watts PEP E.A.G





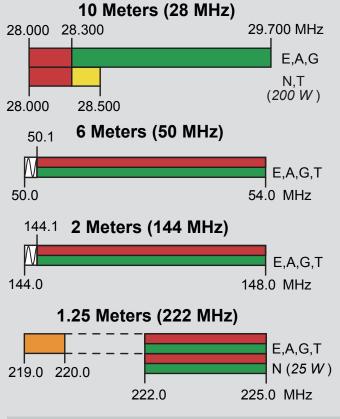




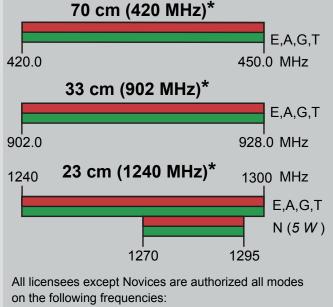
24.990 MHz

24.930

24.890



*Geographical and power restrictions may apply to all bands above 420 MHz. See The ARRL Operating Manual for information about your area.



‡ No pulse emissions

2300-2310 MHz 2390-2450 MHz 24.0-24.25 GHz 134-141 GHz 47.0-47.2 GHz 241-250 GHz 3300-3500 MHz 5650-5925 MHz 76.0-81.0 GHz All above 275 GHz

Note: CW operation is permitted throughout all amateur bands. **MCW** is authorized above 50.1 MHz, except for 144.0-144.1 and 219-220 MHz. **Test** transmissions are authorized above 51 MHz, except for 219-220 MHz = RTTY and data = phone and image WWW = CW only = SSB phone = USB phone, CW, RTTY, and data = Fixed digital message forwarding systems only **E** = Amateur Extra A = Advanced **G** = General T = Technician

KEY.

See ARRLWeb at www.arrl.org for detailed band plans.

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