

# US Amateur Radio Bands

**US AMATEUR POWER LIMITS** — FCC 97.313 An amateur station must use the minimum transmitter power necessary to carry out the desired communications. (b) No station may transmit with a transmitter power exceeding 1.5 kW PEP.



## KEY

**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
- = 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  
**N** = Novice

See [www.arrl.org/band-plan](http://www.arrl.org/band-plan) for detailed band plans.

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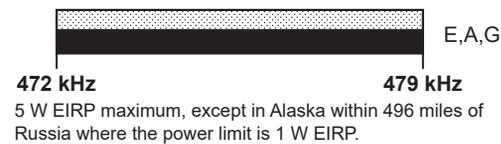
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Amateurs wishing to operate on either 2,200 or 630 meters must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

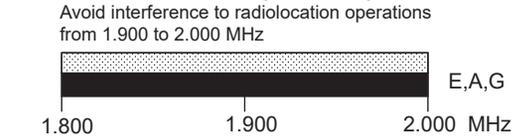
### 2,200 Meters (135 kHz)



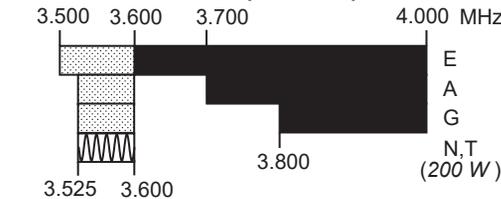
### 630 Meters (472 kHz)



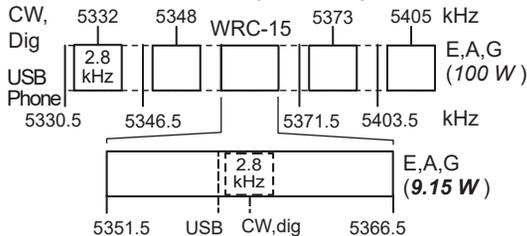
### 160 Meters (1.8 MHz)



### 80 Meters (3.5 MHz)

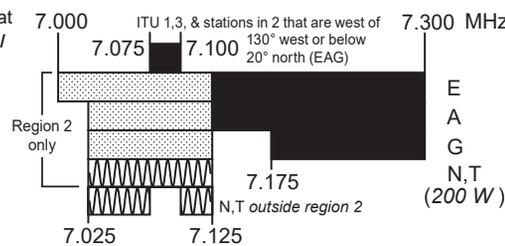


### 60 Meters (5.3 MHz)



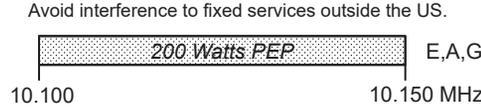
General, Advanced, and Extra licensees may operate on a *secondary* basis with an operating bandwidth of 2.8 kHz, maximum ERP of 100 W (relative to a half-wave dipole antenna) on individual channels. **As of February 13, 2026** the WRC-15 band 5351.5 to 5366.5 kHz is available with a max. ERP of **9.15 W**.

### 40 Meters (7 MHz)

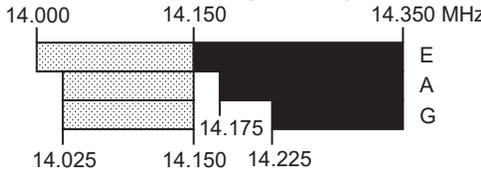


See Sections 97.305(c), 97.307(f)(11) and 97.301(e). These exemptions do not apply to stations in the continental US.

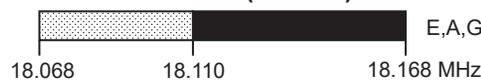
### 30 Meters (10.1 MHz)



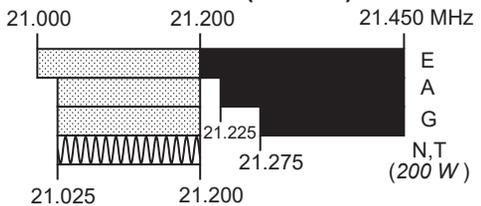
### 20 Meters (14 MHz)



### 17 Meters (18 MHz)



### 15 Meters (21 MHz)



### 12 Meters (24 MHz)



### 10 Meters (28 MHz)



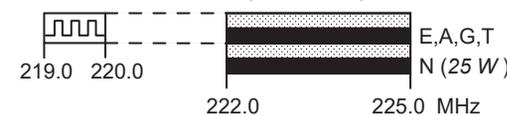
### 6 Meters (50 MHz)



### 2 Meters (144 MHz)



### 1.25 Meters (222 MHz)



\*Geographical and power restrictions may apply to all bands above 420 MHz. For information about your area, See **FCC 97.303 Frequency sharing requirements**.

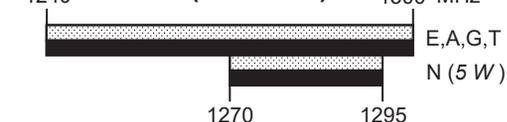
### 70 cm (420 MHz)\*



### 33 cm (902 MHz)\*



### 23 cm (1240 MHz)\*



All licensees except Novices are authorized all modes on the following frequencies:

2300-2310 MHz	10.0-10.5 GHz ‡	122.25-123.0 GHz
2390-2450 MHz	24.0-24.25 GHz	134-141 GHz
3300-3450 MHz	47.0-47.2 GHz	241-250 GHz
5650-5925 MHz	76.0-81.0 GHz	All above 275 GHz

‡ No pulse emissions