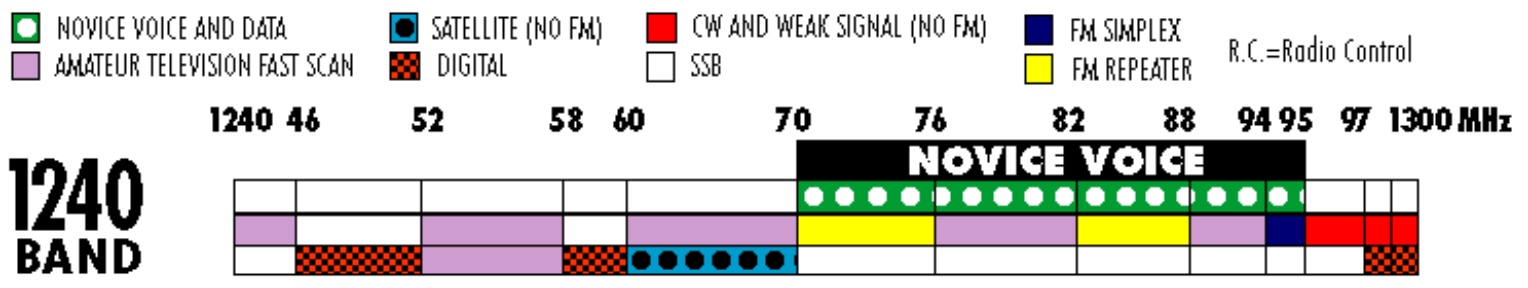
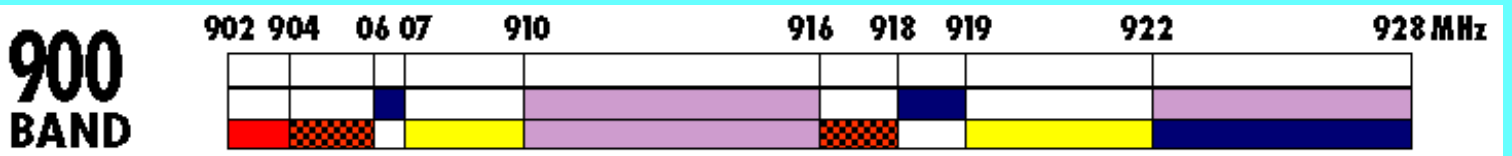


UHF/VHF Band Plan

NO-CODE TECHNICIANS HAVE ALL PRIVILEGES ON THESE BANDS



The 1240 band (aka 1.2 GHz or 23 cm band) is popular and open to all class of hams. Work satellites, amateur television (ATV), repeaters and more!



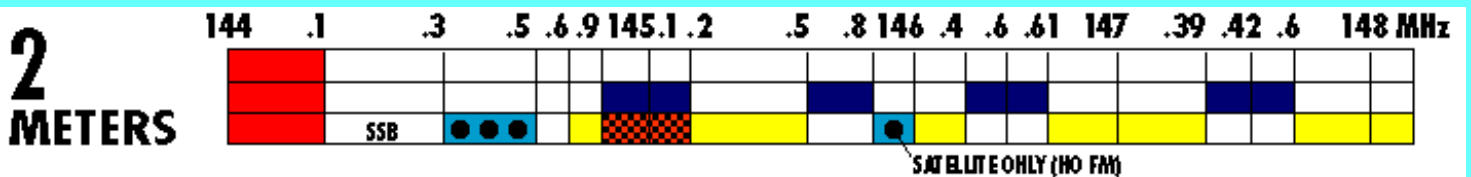
One of the least used bands, the 900 band (33 cm) has plenty of room to grow. Experiment!



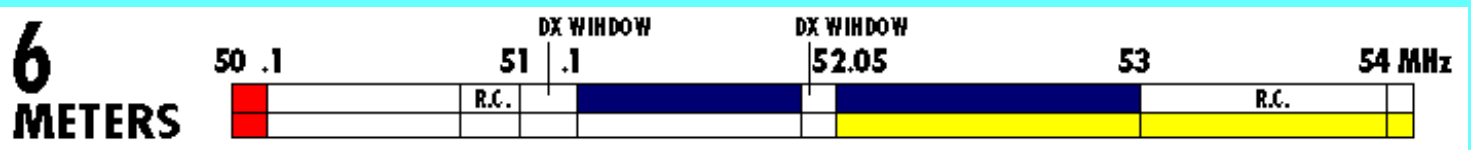
The very popular 440 band (70 cm) is the lowest amateur frequency band still considered UHF. Here you'll find specialty clubs and organizations using, among other things, satellite communications, amateur television (ATV), packet transmissions, RTTY, and FAX. FM voice repeater traffic is abundant.



The 222 band (1-1/4 Meter) is a popular Novice ham hangout. Technician Class no-coders also visit here, as the band is similar in propagation and use to the ever-popular 2 meter band. The 222 is the highest amateur band considered to be VHF.



The most popular repeater band in the world! 2 meter band traffic (2M) is heavy in handheld and mobile communication. Technician Class no-coders have unlimited privileges! NOTE! 2 meter band plans may vary in major metropolitan areas throughout the country.



Get a taste of long-range skip communications using the 6 meter band. You can often make cross-country connections during the summer months, thanks to the way the 6 meter signals are refracted by the ionosphere.

U.S. Amateur Radio VHF/UHF Band Plan Frequency Assignments

ARRL 23-cm Wavelength Band Plan, 1240-1300 MHz

- 1240-1246 ATV #1
- 1246-1248 Narrow-bandwidth FM point-to-point links and digital, duplex with 1258-1260 MHz
- 1248-1252 Digital communications
- 1252-1258 ATV #2
- 1258-1260 Narrow-bandwidth FM point-to-point links and digital, duplexed with 1246-1252 MHz

1260-1270 Satellite uplinks, reference WARC †79

1260-1270 Wide-bandwidth experimental, simplex ATV

1270-1276 Repeater inputs, FM and linear, paired with 1282-1288 MHz, 239 pairs every 25 kHz, e.g., 1270.025, 1270.050, 1270.075, etc., 1271.0-1238.0 MHz uncoordinated test pair

1276-1282 ATV #3

1282-1288 Repeater outputs, paired with 1270-1276 MHz

1288-1294 Wide-bandwidth experimental, simplex ATV

1294-1295 Narrow-bandwidth FM simplex services, 25 kHz channels

- **1294.5 National FM simplex calling frequency**

1295-1297 Narrow bandwidth weak-signal communications (no FM)

- **1295.0-1295.8 SSTV, FAX, ACSB, experimental**
- **1295.8-1296.0 Reserved for EME, CW expansion**
- **1296.0-1296.05 EME exclusive**
- **1296.07-1296.08 CW beacons**
- **1296.1 CW, SSB calling frequency**
- **1296.4-1296.6 Crossband linear translator input**
- **1296.6-1296.8 Crossband linear translator output**
- **1296.8-1297.0 Experimental beacons (exclusive)**

1297-1300 Digital communications

ARRL 70-cm Wavelength Band Plan, 420-450 MHz

420.00-426.00 ATV repeater or simplex with 421.25 MHz video carrier control links and experimental

426.00-432.00 ATV simplex with 427.250 MHz video carrier frequency

432.00-432.07 EME (Earth-Moon-Earth)

432.07-432.08 Propagation beacons (old band plan)

432.08-432.10 Weak-signal CW

432.100 70 cm calling frequency

432.10-433.00 Mixed-mode and weak-signal work

432.30-432.40 New beacon band

433.00-435.00 Auxiliary/repeater links

435.00-438.00 Satellite only (internationally)

438.00-444.00 ATV repeater input with 439.250 MHz video carrier frequency and repeater links

442.00-445.00 Repeater inputs and outputs (local option)

445.00-447.00 Shared by auxiliary and control links, repeaters and simplex (local option); 446.00 MHz national simplex frequency

447.00-450.00 Repeater inputs and outputs

ARRL 35-cm Wavelength Band Plan, 902-928 MHz

902-904 Narrow-bandwidth, weak-signal communications

- **902.0-902.8 SSTV, FAX, ACSB, experimental**
- **902.8-903.0 Reserved for EME, CW expansion**
- **903.0-903.05 EME exclusive**
- **903.07-903.08 CW beacons**
- **903.1 CW, SSB calling frequency**
- **903.4-903.6 Crossband linear translator inputs**
- **903.6-903.8 Crossband linear translator outputs**
- **903.8-904.0 Experimental beacons exclusive**
- **904-906 Digital communications**
- **906-907 Narrow bandwidth FM-simplex services, 25 kHz channel**
- **906.50 National simplex frequency**

907-910 FM repeater inputs paired with 919-922 MHz; 119 pairs every 25 kHz; e.g., 907.025, 907.050, 907.075, etc., 908-920 MHz uncoordinated pair

910-916 ATV

916-918 Digital communications

918-919 Narrow-bandwidth, FM control links and remote bases

919-922 FM repeater outputs, paired with 907-910 MHz

922-928 Wide-bandwidth experimental, simplex ATV, Spread Spectrum

ARRL 2 Meter Wavelength Band Plan, 144-148 MHz

NOTE! 2 meter band plans may vary in major metropolitan areas throughout the country.

144.00-144.05 EME (CW)

144.05-144.06 Propagation beacons (old band plan)

144.06-144.10 General CW and weak signals

144.10-144.20 EME and weak-signal SSB

144.200 National SSB calling frequency
144.20-144.30 General SSB operation, upper sideband
144.275-144.300 New beacon band
144.30-144.50 New OSCAR subband plus simplex
144.50-144.60 Linear translator outputs
144.60-144.90 FM repeater inputs
144.90-145.10 Weak signal and FM simplex
145.10-145.20 Linear translator outputs plus packet
145.20-145.50 FM repeater outputs
145.50-145.80 Miscellaneous and experimental modes
145.80-146.00 OSCAR subband « satellite use only!
146.01-146.37 Repeater inputs
146.40-146.58 Simplex
146.61-146.97 Repeater outputs
147.00-147.39 Repeater outputs
147.42-147.57 Simplex
147.60-147.99 Repeater inputs

ARRL 6 Meter Wavelength Band Plan, 50.0-54.0 MHz

50.000-50.100 CW and beacons

- **50.060-50.080 Automatically controlled beacons**

50.100-50.600 SSB

- **50.125 SSB DX calling frequency**
- **50.200 SSB domestic calling frequency (Note: Suggest QSY up for local & down for long-distance QSOs)**

50.600-51.000 Experimental and special modes

- **50.700 RTTY calling frequency**

50.800-50.980 Radio Control (R/C) channels, 10 channels spaced 20 kHz apart (new)

51.000-51.100 Pacific DX window

51.000-52.000 Newly authorized FM repeater allocation

51.100-52.000 FM simplex

52.000-52.050 Pacific DX window

52.000-53.000 FM repeater and simplex

53.000-54.000 Present radio control (R/C) channels, 10 channels spaced 100 kHz apart

[Radio HF Band Plan](#)

[Country Names Common Prefixes](#)

[Amateur Satellite Frequency Guide \(AMSAT\)](#)

Click below to return to my radiopage

