

Suggested Hotspot Frequencies

The ARRL Amateur Radio Band Plan suggests the following possibilities for the **70cm U.S. UHF Band Plan (420-450 MHz)**.

- Auxiliary Repeater Links (433.00 - 435.00 MHz) (Hotspots fit within this description). With 12.5 kHz spacing from 433.0125 through 434.9875 MHz, the following frequencies are possible:

433.0125	433.2625	433.5125	433.7625	434.0125	434.2625	434.5125	434.7625
433.0250	433.2750	433.5250	433.7750	434.0250	434.2750	434.5250	434.7750
433.0375	433.2875	433.5375	433.7875	434.0375	434.2875	434.5375	434.7875
433.0500	433.3000	433.5500	433.8000	434.0500	434.3000	434.5500	434.8000
433.0625	433.3125	433.5625	433.8125	434.0625	434.3125	434.5625	434.8125
433.0750	433.3250	433.5750	433.8250	434.0750	434.3250	434.5750	434.8250
433.0875	433.3375	433.5875	433.8375	434.0875	434.3375	434.5875	434.8375
433.1000	433.3500	433.6000	433.8500	434.1000	434.3500	434.6000	434.8500
433.1125	433.3625	433.6125	433.8625	434.1125	434.3625	434.6125	434.8625
433.1250	433.3750	433.6250	433.8750	434.1250	434.3750	434.6250	434.8750
433.1375	433.3875	433.6375	433.8875	434.1375	434.3875	434.6375	434.8875
433.1500	433.4000	433.6500	433.9000	434.1500	434.4000	434.6500	434.9000
433.1625	433.4125	433.6625	433.9125	434.1625	434.4125	434.6625	434.9125
433.1750	433.4250	433.6750	433.9250	434.1750	434.4250	434.6750	434.9250
433.1875	433.4375	433.6875	433.9375	434.1875	434.4375	434.6875	434.9375
433.2000	433.4500	433.7000	433.9500	434.2000	434.4500	434.7000	434.9500
433.2125	433.4625	433.7125	433.9625	434.2125	434.4625	434.7125	434.9625
433.2250	433.4750	433.7250	433.9750	434.2250	434.4750	434.7250	434.9750
433.2375	433.4875	433.7375	433.9875	434.2375	434.4875	434.7375	434.9875
433.2500	433.5000	433.7500	434.0000	434.2500	434.5000	434.7500	

- Auxiliary and Control Links, Repeaters and Simplex [Local Option] (Hotspots fit within this description). With 12.5 kHz spacing from 445.0125 through 446.9875 MHz, the following frequencies are possible:

445.0125	445.2625	445.5125	445.7625	446.0125	446.2625	446.5125	446.7625
445.0250	445.2750	445.5250	445.7750	446.0250	446.2750	446.5250	446.7750
445.0375	445.2875	445.5375	445.7875	446.0375	446.2875	446.5375	446.7875
445.0500	445.3000	445.5500	445.8000	446.0500	446.3000	446.5500	446.8000
445.0625	445.3125	445.5625	445.8125	446.0625	446.3125	446.5625	446.8125
445.0750	445.3250	445.5750	445.8250	446.0750	446.3250	446.5750	446.8250
445.0875	445.3375	445.5875	445.8375	446.0875	446.3375	446.5875	446.8375
445.1000	445.3500	445.6000	445.8500	446.1000	446.3500	446.6000	446.8500
445.1125	445.3625	445.6125	445.8625	446.1125	446.3625	446.6125	446.8625
445.1250	445.3750	445.6250	445.8750	446.1250	446.3750	446.6250	446.8750
445.1375	445.3875	445.6375	445.8875	446.1375	446.3875	446.6375	446.8875
445.1500	445.4000	445.6500	445.9000	446.1500	446.4000	446.6500	446.9000
445.1625	445.4125	445.6625	445.9125	446.1625	446.4125	446.6625	446.9125
445.1750	445.4250	445.6750	445.9250	446.1750	446.4250	446.6750	446.9250
445.1875	445.4375	445.6875	445.9375	446.1875	446.4375	446.6875	446.9375
445.2000	445.4500	445.7000	445.9500	446.2000	446.4500	446.7000	446.9500
445.2125	445.4625	445.7125	445.9625	446.2125	446.4625	446.7125	446.9625
445.2250	445.4750	445.7250	445.9750	446.2250	446.4750	446.7250	446.9750
445.2375	445.4875	445.7375	445.9875	446.2375	446.4875	446.7375	446.9875
445.2500	445.5000	445.7500	446.0000	446.2500	446.5000	446.7500	

You are responsible to ensure a frequency is not being used before using it with your hotspot. If you interfere with someone else's equipment – try a different frequency. A best practice is to check with your area's Frequency Coordinator. If nothing else, select a frequency of interest and listen for a few hours. If you do not hear traffic on the frequency (traffic, tones, etc.) then it might be safe to use. If not, select a different frequency!

The above information applies to the U.S. UHF Band Plan use only.

IT IS YOUR RESPONSIBILITY TO ENSURE A FREQUENCY IS NOT ALREADY IN USE BEFORE USING IT.