Colorado Council of Amateur Radio Clubs (CCARC)
902-928 MHz Frequency Use Plan

Frequency	Usage
902.000 – 902.700	*Weak Signal.*
902.700 – 903.000	**FM Repeater Inputs**
903.000 – 903.700	*Weak Signal*
903.700 – 906.000	*Digital (Note: Not defined in this document.)*
906.000 – 907.000	**Coordinator Option – Mixed Mode.**
907.000 – 909.200	**FM Repeater Inputs**
909.000 – 915.000	**ATV 1**
915.000 – 919.000	*Digital (Note: Not defined in this document.)*
919.000 – 921.200	**FM Repeater Outputs**
921.000 – 927.000	**ATV 2**
927.000 – 927.300	*FM Simplex*
927.300 – 927.700	*FM Simplex*
927.700 – 928.000	**FM Repeater Outputs**

Frequencies in **boldface type** indicate spectrum coordinated by the CCARC.
Frequencies in *colored italics* are non-coordinated shared channels.

FCC Part 97 Restrictions -

§97.303 g) In the 33 cm band:
(1) No amateur station shall transmit from within the States of Colorado and Wyoming, bounded on the south by latitude 39° N, on the north by latitude 42° N, on the east by longitude 105° W, and on the west by longitude 108° W. This band is allocated on a secondary basis to the amateur service subject to not causing harmful interference to, and not receiving protection from any interference due to the operation of, industrial, scientific and medical devices, automatic vehicle monitoring systems or Government stations authorized in this band.

In a subsequent letter, signed by Ralph Haller, Chief of the Wireless Telecommunications Bureau, it states, "Part §97.303g is modified to allow amateurs within the "quiet zone" to operate between 902-928 MHz, EXCEPT for: 902.4 - 902.6 MHz, 904.4 - 904.7 MHz, 925.3 - 925.7 MHz, 927.3 - 927.7 MHz. "

Mixed Mode (Voice and data) FM Simplex Frequencies
24 Simplex FM Voice Channels – Modulation: 8K0F3E

927.0000	927.0125	927.0250	927.0375	927.0500
927.0625	927.0750	927.0875	927.1000	927.1125
927.1250	927.1375	927.1500	927.1625	927.1750
927.1875	927.2000	927.2125	927.2250	927.2375
927.2500	927.2625	927.2750	927.2875	

Mixed Mode (Voice and data) FM Simplex Frequencies
32 Simplex FM Voice Channels – Modulation: 8K0F3E

927.3000	927.3125	927.3250	927.3375	927.3500
927.3625	927.3750	927.3875	927.4000	927.4125
927.4250	927.4375	927.4500	927.4625	927.4750
927.4875	927.5000	927.5125	927.5250	927.5375
927.5500	927.5625	927.5750	927.5875	927.6000
927.6125	927.6250	927.6375	927.6500	927.6625
927.6750	927.6875			

Amateur Television (ATV) Channels
2 Channels, 6 MHz Bandwidth.
ATV1: 906 – 915 MHz. Video at 907.25 MHz, Aural at 915.75 MHz.
ATV2: 921 – 927 MHz. Video at 922.25 MHz, Aural at 926.75 MHz.
Note: Vestigial Sideband Filters must be utilized.
Note: ATV2 occupied spectrum falls within the §97.303 restriction.

Colorado Council of Amateur Radio Clubs (CCARC)
902-928 MHz Frequency Use Plan

Repeater Pairs from 919.000 through 921.200 MHz
89 Pairs, 25 KHz channel spacing, 12.0 MHz in/out – Mod: 16K0F3E

Input > Output	Input > Output	Input > Output
907.0000 / 919.0000	907.0250 / 919.0250	907.0500 / 919.0500
907.0750 / 919.0750	907.1000 / 919.1000	907.1250 / 919.1250
907.1500 / 919.1500	907.1750 / 919.1750	907.2000 / 919.2000
907.2250 / 919.2250	907.2500 / 919.2500	907.2750 / 919.2750
907.3000 / 919.3000	907.3250 / 919.3250	907.3500 / 919.3500
907.3750 / 919.3750	907.4000 / 919.4000	907.4250 / 919.4250
907.4500 / 919.4500	907.4750 / 919.4750	907.5000 / 919.5000
907.5250 / 919.5250	907.5500 / 919.5500	907.5750 / 919.5750
907.6000 / 919.6000	907.6250 / 919.6250	907.6500 / 919.6500
907.6750 / 919.6750	907.7000 / 919.7000	907.7250 / 919.7250
907.7500 / 919.7500	907.7750 / 919.7750	907.8000 / 919.8000
907.8250 / 919.8250	907.8500 / 919.8500	907.8750 / 919.8750
907.9000 / 919.9000	907.9250 / 919.9250	907.9500 / 919.9500
907.9750 / 919.9750	908.0000 / 920.0000	908.0250 / 920.0250
908.0500 / 920.0500	908.0750 / 920.0750	908.1000 / 920.1000
908.1250 / 920.1250	908.1500 / 920.1500	908.1750 / 920.1750
908.2000 / 920.2000	908.2250 / 920.2250	908.2500 / 920.2500
908.2750 / 920.2750	908.3000 / 920.3000	908.3250 / 920.3250
908.3500 / 920.3500	908.3750 / 920.3750	908.4000 / 920.4000
908.4250 / 920.4250	908.4500 / 920.4500	908.4750 / 920.4750
908.5000 / 920.5000	908.5250 / 920.5250	908.5500 / 920.5500
908.5750 / 920.5750	908.6000 / 920.6000	908.6250 / 920.6250
908.6500 / 920.6500	908.6750 / 920.6750	908.7000 / 920.7000
908.7250 / 920.7250	908.7500 / 920.7500	908.7750 / 920.7750
908.8000 / 920.8000	908.8250 / 920.8250	908.8500 / 920.8500
908.8750 / 920.8750	908.9000 / 920.9000	908.9250 / 920.9250
908.9500 / 920.9500	908.9750 / 920.9750	909.0000 / 921.0000
909.0250 / 921.0250	909.0500 / 921.0500	909.0750 / 921.0750
909.1000 / 921.1000	909.1250 / 921.1250	909.1500 / 921.1500
909.1750 / 921.1750	909.2000 / 921.2000	

Repeater Pairs from 927.700 through 928.000 MHz
24 Pairs, 12.5 KHz channel spacing, 25.0 MHz in/out – Mod: 8K0F3E

Input / Output	Input / Output	Input / Output
902.7000 / 927.7000	902.7125 / 927.7125	902.7250 / 927.7250
902.7375 / 927.7375	902.7500 / 927.7500	902.7625 / 927.7625
902.7750 / 927.7750	902.7875 / 927.7875	902.8000 / 927.8000
902.8125 / 927.8125	902.8250 / 927.8250	902.8375 / 927.8375
902.8500 / 927.8500	902.8625 / 927.8625	902.8750 / 927.8750
902.8875 / 927.8875	902.9000 / 927.9000	902.9125 / 927.9125
902.9250 / 927.9250	902.9375 / 927.9375	902.9500 / 927.9500
902.9625 / 927.9625	902.9750 / 927.9750	902.9875 / 927.9875

Revision History:
Rev A – Initial release in new format. No changes to content. - March 2005 K2AD.
Rev B – Changes to add 902/927 MHz repeater pairs, additional simplex channels, and data channels. Approved at April 23, 2005 General Membership Meeting. – K2AD.