

## TH-22AT

### Expansion Range

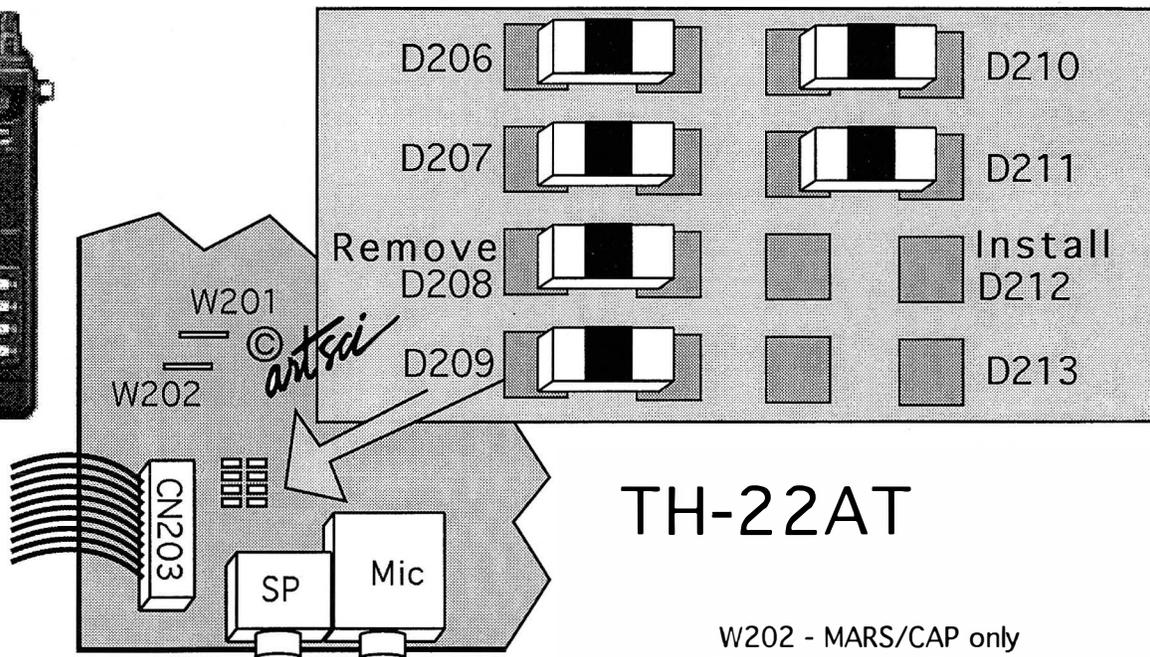
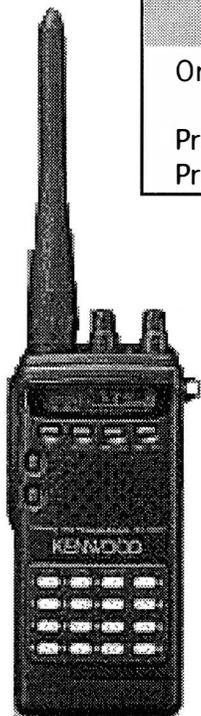
136.000 MHz - 173.995 MHz

Remember that the electronic circuits can only tune a 20-30 MHz window around the original center frequency (tuned at the factory) you may have better performance at the top or the bottom ends of the tuneable range.

### Clone Radios

On both master radio and slave

Press and hold [REV] and turn power on  
Press PTT on master radio.



## TH-22AT

W202 - MARS/CAP only  
W201 - Disable auto offset

### Expanded RF Modification

1. Disconnect the battery and antenna.
2. Remove 2 long screws for the rear case.
3. Remove the control knobs from the top of the radio.
4. Remove the rubber top panel.
5. Separate the front and back halves. (Squeeze the bottom front panel)
6. Locate and **remove Diode D-208**. (Located on the front panel circuit board)
7. **Install the diode** into location D-212.  
(Diodes D-210, D-211 & D-212 face the same direction)
8. Reassemble the radio
9. Reset the microprocessor (Press and hold [F] and turn power on)

