

## Expansion Range

130 - 163.995 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.

## Expanded RF Modification

## --- Receive expansion ---

1. Press and Hold [F] and [CALL] and turn power on.
2. Press and Hold [F] and [CALL]. The display will read 145.00
3. Turn Power off
4. Press and hold [3] and [CALL] and turn power on.  
(display will show a 3)
5. Turn radio off and back on. The display will go from 100-179 RX and lock between 130-170 MHz. TX is limited to 144-148 MHz

## --- Transmit expansion ---

6. Press [F] & [3]. (Display will read 10) This is the freq step rate.
7. Change step to 05 by turning dial one step.
8. Press [F] & [9]. (Display will read 00.60)
9. Release [F] key and rotate dial until the display reads 30.63 [50].
10. Press [F] & [3] and change step back to 10.
11. Press [F] & [0].
12. Press [7]. (display should read ".")
13. Press [3] [0] [6] [3] transmit & receive expansion.
14. Press [\*] (display should read 130.00)

## --- IF YOU WANT TO CHANGE THE BAND LIMITS ---

15. Press [F] & [0]
16. Press [7]
17. Press [4] [8] [6] [9]  
(the first two digirs are the lower limit the last two are the upper limit)
18. Press [\*]. (range is now 148-169.995)