

## TRANSMITTER TUNING PROCEDURES

1. With the battery connected and the power turned on, activate a switch.
2. Connect an oscilloscope to the antenna terminal.
3. Adjust R9 for minimum deviation.
4. Utilizing a communications monitor (FM), tune L1 to center frequency. (determined by the frequency of crystal Y2.)
5. Tune L2, C13 and C19 for greatest deflection on the oscilloscope.
6. Repeat steps 4 and 5 until maximum deflection occurs at center frequency.
7. Adjust R9 for 5 KHz deviation.
8. Repeat steps 4, 5 and 7 until maximum deflection occurs at center frequency with 5 KHz deviation.
9. Turn power off.
10. Tuning completed.

Microtronics, Inc.

FCC ID: 17CMODELX-BAT

Exhibit #: 6