

TRANSMITTER TUNE-UP AND ALIGNMENT

Model GMRS860

FCC ID:

Frequency Setting

- A. Connect a frequency counter or communication service monitor capable of at least two watt RF.
- B. Press the PTT switch.
- C. Adjust C273 trimmer capacitor such that the output frequency is equal to the Channel frequency with a maximum error of ± 300 Hz. C273 is located to the right of X201 near the reference crystal unit.

Deviation Adjustment

- A. Connect an audio Generator to the microphone test terminal at TP217. The audio frequency should set at 1KHz with a level of 50mv.
- B. Connect an FM deviation meter or communications service monitor to the antenna connector. Set the monitor read peak deviation.
- C. Press the PTT switch.
- D. Adjust VR201 for ± 2.5 KHz deviation. RV201 is located to the right of the C273.