

## ALIGNMENT PROCEDURES

**Important:** The FCC requires that any frequency adjustment on a radiophone must be done by authorized person, who is the holder of a current first or second class radiotelephone license.

This unit has been fully aligned at the factory before shipment and does not normally require further adjustment. When necessary, however, the unit may be aligned as indicated below.

Do not adjust any circuit in this radiotelephone unless you understand the circuit operation and have experience of adjusting radiotelephone. Tampering with the radiotelephone may upset the alignment and lower its performance.

### Test Equipment Required:

Regulated DC power supply, 0~12V, 1A or higher; or 8.4V, 1A  
Audio signal generator, 10Hz~2KHz  
Digital multimeter  
Deviation meter  
Frequency counter, 0~500MHz high impedance  
Oscilloscope  
RF power meter, 5W  
High frequency standard generator, >160MHz  
Tracking generator, >160MHz  
Distortion analyzer  
Audio level meter  
T-coupler  
Aligning drivers, etc.