

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.