

### **TUNE-UP PROCEDURE**

This exhibit contains the tune-up procedure as it will appear in the Configuration Service Software (CSS) manual.

The following adjustments comprise the total transmitter alignment:

1. Reference Oscillator
2. Transmitter Power Output
3. Transmit Deviation Control
4. Reference Modulation Compensation

Note: All adjustments are factory pre-set and do not require alignment under normal operating conditions. In the event alignment is needed, refer servicing to qualified radio maintenance personnel only.

### **TEST EQUIPMENT**

<b><u>Description</u></b>	<b><u>Recommended model</u></b>
1. Service Monitor	Motorola R-2001 or equivalent
2. PC with CSS	

### **TRANSMITTER ALIGNMENT PROCEDURE**

CSS/RSS Port: A 9-pin D connector is provided on the station control module front panel to allow service personnel to connect a PC loaded with the Configuration Service Software (CSS) and perform programming and maintenance tasks via this TIA RS-232 port. The following pages of this exhibit will show the important alignment screens.

### **EXHIBIT DESCRIPTION**

- 9A Reference Oscillator Alignment Screen
- 9B Transmitter Power Output Alignment Screen
- 9C Transmitter Deviation Alignment Screen
- 9D Reference Modulation Compensation Alignment Screen

All adjustments are software controlled and are pre-set at the factory. Certain station operating parameters can be changed via man-machine interface (MMI) commands, within predetermined limits. Examples include transmit / receiver operating frequencies and power level.