

FM Alignment:

MODEL 4800 AM/FM

WATTERSON RADIO MFG. CORP.

MODELS 4800,
4802

MODEL 4802

Use an unmodulated signal and tune for minimum noise in all FM adjustments.

1. Connect a signal generator to the FM ant. terminals. Using a 21.75 Mc. signal, tune the IF slug adjustment for minimum noise making sure slug is at the tuning point nearest top of can. There is another tuning point with the slug screwed farther down into the coil which produces unwanted coupling.
2. With a 150 ohm resistor in each lead, connect a high frequency generator to the FM ant. Terminals. Set ant. trimmer to maximum capacity. Use enough signal to give a definite dip in noise but do not block the receiver. Set the osc. section to track from 87.5 Mc. to 108.5 Mc. by trimming on the high end and adjusting the osc. coil spacing on the low end. Check each of these adjustments several times. Next, with the generator set at 103 Mc. Tune in this signal on the receiver. While rocking the dial slightly, tune the ant. trimmer for minimum noise. Use an insulated screw driver on all RF adjustments.

