



STEP	SIGNAL GENERATOR		RADIO		ADJUST
	CONNECTIONS TO RADIO	DIAL SETTING	DIAL SETTING	SPECIAL INSTRUCTIONS	
1	Ground lead to B-; output lead through .1-mf. condenser to terminal 1 of TB401.	455 kc.	540 kc.	Adjust trimmers ONCE ONLY, in the order given, for maximum output.	C302A C301D C300C TC300
2	Radiating loop (see note *).	1600 kc.	1600 kc.	Adjust for maximum.	C413A
3	Same as step 2.	1500 kc.	1500 kc.	Adjust for maximum.	C413B

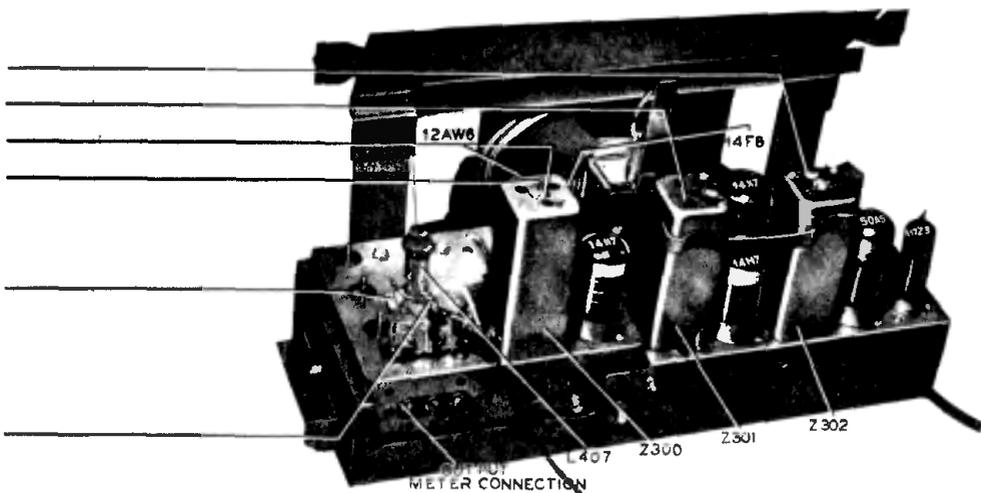


Figure 8. Top View, Showing AM Trimmer Locations

## FM ALIGNMENT CHART

STEP	SIGNAL GENERATOR		RADIO		ADJUST
	CONNECTIONS TO RADIO	DIAL SETTING	DIAL SETTING	SPECIAL INSTRUCTIONS	
1	Through .1-mf. condenser to pin 1 of 12AW6 tube (test point E).	9.1 mc.	88 mc.	Adjust for maximum d-c meter reading; attenuate signal to maintain approximately 10-volt reading. Repeat until no further improvement is noted. After this step, do not touch any of these trimmers except C302C (in step 3).	C302C TC302 C301C C301A
2	Through .1-mf. condenser to pin 8 of 14F8 tube (test point C).	9.1 mc.	88 mc.	Adjust for maximum d-c meter reading; attenuate signal to maintain approximately 10-volt reading. Repeat until no further improvement is noted. After this step, do not touch these trimmers.	C300B C300A
3	Same as step 2.	9.1 mc.	88 mc.	Double-check adjustment of C302C to make certain that minimum audio output is obtained. This is a critical adjustment; turn trimmer very slowly.	C302C
4	To pin 3 of J400.	105 mc.	105 mc.	Maximum d-c meter reading. This is the oscillator high-frequency trimmer adjustment.	C400C
5	Same as step 4.	105 mc.	105 mc.	Adjust for maximum while rocking tuning control.	C400B
6	Same as step 4.	105 mc.	105 mc.	Adjust for maximum.	C400A
7	Same as step 4.	92 mc.	92 mc.	Adjust L403 (see ADJUSTING R-F COILS).	
8	Same as step 4.	92 mc.	92 mc.	Adjust L402 (see ADJUSTING R-F COILS).	
9	Same as step 4.	92 mc.	92 mc.	Adjust L400 (see ADJUSTING R-F COILS).	
10	Repeat steps 4 through 9 until no further increase is obtained.				

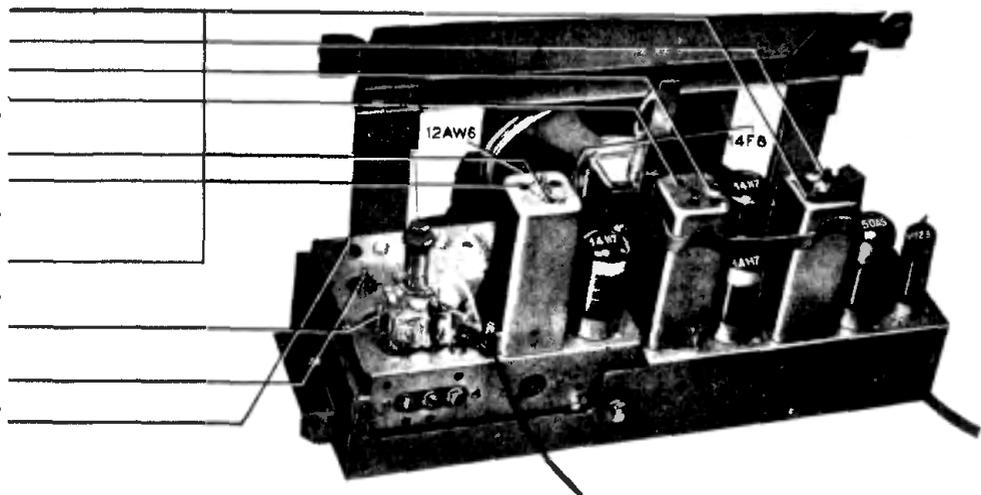


Figure 9. Top View, Showing FM Trimmer Locations