

Philco Model 53-652 has almost an identical electrical circuit.

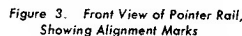


Figure 2. Top View, Showing Tuning Adjustments

STEP	SIGNAL GENERATOR		RADIO		ADJUST
	CONNECTION TO RADIO	DIAL SETTING	DIAL SETTING	SPECIAL INSTRUCTIONS	
1	Output lead through a .1- μ f. condenser to antenna section of tuning condenser or to pin 6 of converter (1R5). Ground lead to B-.	455 kc.	Tuning gang fully open.	Adjust, in order given, for maximum output.	TC4—2nd i-f sec. TC2—1st i-f pri. TC3—1st i-f sec.
2	Radiating loop. See NOTE below.	1620 kc.	1620 kc.†	Adjust for maximum output.	C1B—osc. trimmer
3	Same as step 2.	Between 1400 and 1500 kc.	Tune radio to generator signal.	Adjust for maximum output.	C1A—antenna trimmer
4	Same as step 2.	580 kc.	580 kc.†	Adjust for maximum output. Rock tuning gang while making this adjustment.	TC1—osc. core
5	Repeat steps 2, 3, and 4 until no further improvement is obtained.				

NOTE: Use a 6–8 turn, 6-inch diameter loop made up of insulated wire. Connect to signal-generator leads, and place about 1 foot from radio loop antenna.

† The radio can be set to this frequency by tuning it until the dial pointer coincides with the proper alignment mark on the bottom of the chassis. See figure 3.