

SERVICE DATA SHEET

S.T.C. MODEL 141.

VALVES:

Freq. Ch. 6J8G.
I.F. Amp. & Det. 6G8G.
Pow. Out. 6V6GT.
Rect. 6X5GT.

TUNING RANGE:

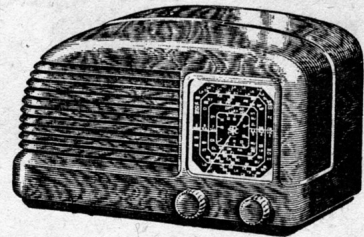
540 to 1620 kc.

POWER SUPPLY:

200-240 v., 50 cps.

LOUD SPEAKER:

Permag. 5" cone.
5000 ohms input.



ALIGNMENT FREQUENCIES:

1400 kc and 600 kc.

CHECK POINT:

1000 kc.

I.F. SENSITIVITY:

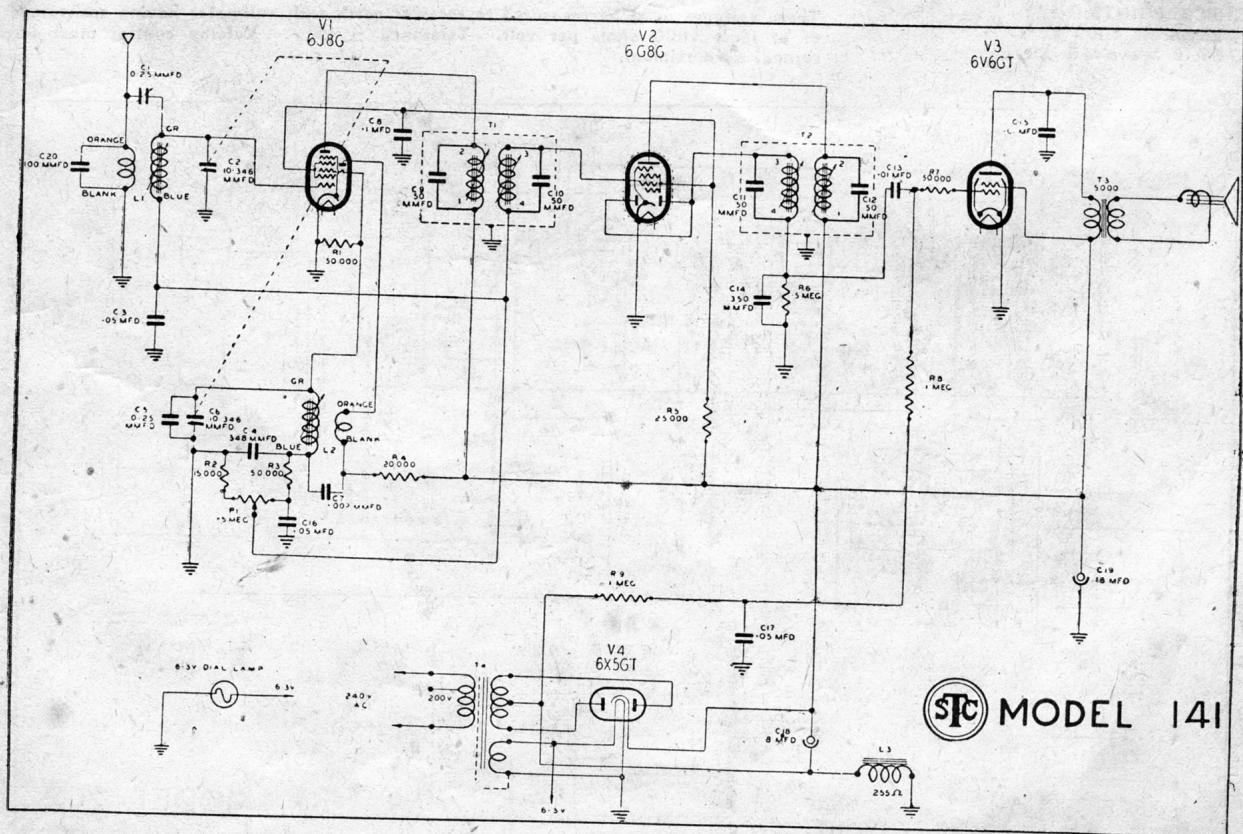
Freq. Conv. Grid—350 m.v.
I.F. Grid—35mv.
Overall average—80 microvolts.

Circuit Voltages.

| | Plate | Screen | Osc. Plate | Cathode | Heater |
|----|---------|--------|------------|---------|--------|
| V1 | 220 | 100 | 140 | — | 6.2 |
| V2 | 220 | 100 | — | — | 6.2 |
| V3 | 210 | 220 | — | 14 | 6.2 |
| V4 | 220 ea. | — | — | 220 | 6.2 |

These figures are related to an audio frequency output of 14 volts measured between plate of V3 and earth.

These voltages must be measured to receiver earth with voltmeter having resistance of at least 1000 ohms per volt. Tolerance $\pm 5\%$. Volume control must be turned to maximum.



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