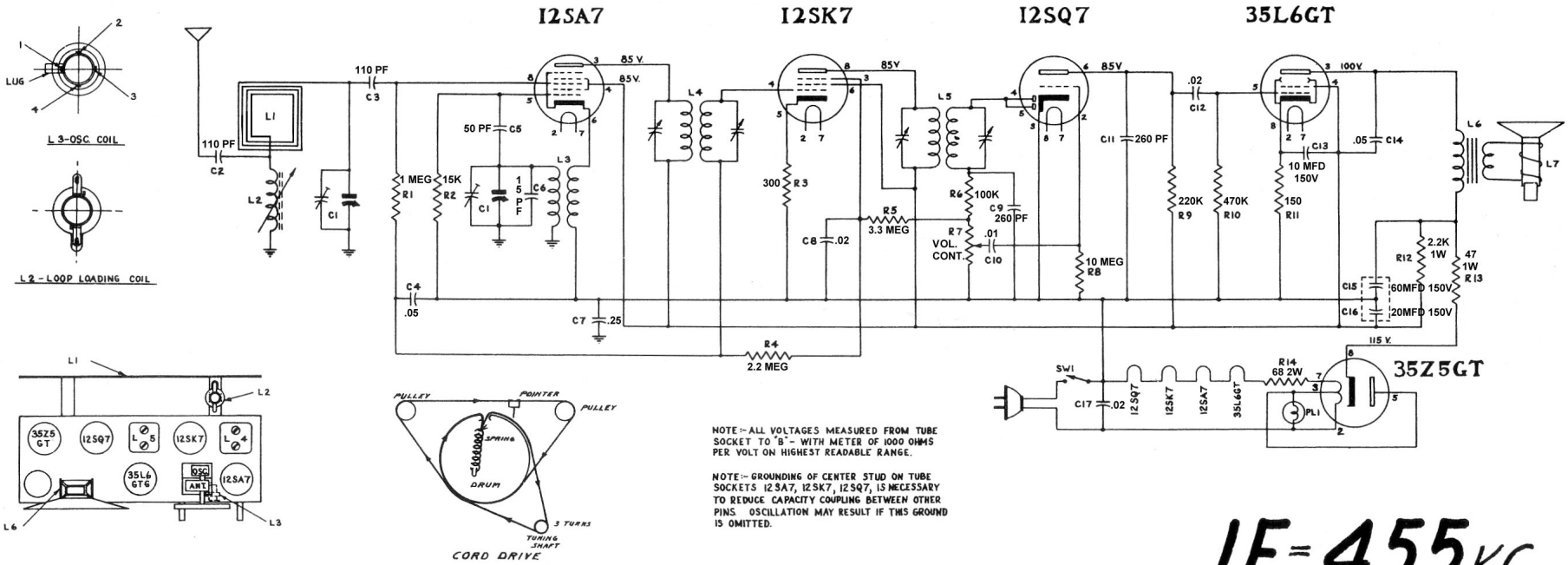

NOTE:- ALL VOLTAGES MEASURED FROM TUBE SOCKET TO "B"- WITH METER OF 1000 OHMS PER VOLT ON HIGHEST READABLE RANGE.

NOTE:- GROUNDING OF CENTER STUD ON TUBE SOCKETS 12SA7, 12SK7, 12SQ7, IS NECESSARY TO REDUCE CAPACITY COUPLING BETWEEN OTHER PINS. OSCILLATION MAY RESULT IF THIS GROUND IS OMITTED.

IF=455KC.

ALIGNMENT:

A well shielded oscillator and a suitable output meter are required for the alignment of this chassis. Connect the output meter across the voice coil terminals on the speaker and use the lowest possible signal which will give a readable output. Turn the volume control to full on position and proceed as shown in the following table.

No.	Dummy Antenna	Connection of Signal Gen.	Signal Gen. Frequency	Receiver Dial Setting	Trimmers To Be Adjusted	Description of Adjustment
1.	.1 mfd. condenser	to Ant. sec. of Gang. (Front sec.)	455 Kc.	Gang. open	1st I.F. 2nd I.F.	Adjust for maximum output and repeat until no further output is obtainable.
2.	Standard Dummy	Ant. Wire	1500 Kc.	1500 Kc.	Osc. Trimmer on Gang. (rear sec.)	Adjust to bring in signal.
3.	Standard Dummy	Ant. Wire	600 Kc.	600 Kc.	Slug in loop loading coil	Adjust for maximum output.
4.	Standard Dummy	Ant. Wire	1500 Kc.	1500 Kc.	Ant. Trim. on Gang. (front sec.)	Adjust for maximum output.

NOTE: To remove chassis from cabinet pull off two knobs and remove screws from bottom of cabinet and screws from back. Carefully slide chassis out of cabinet.

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