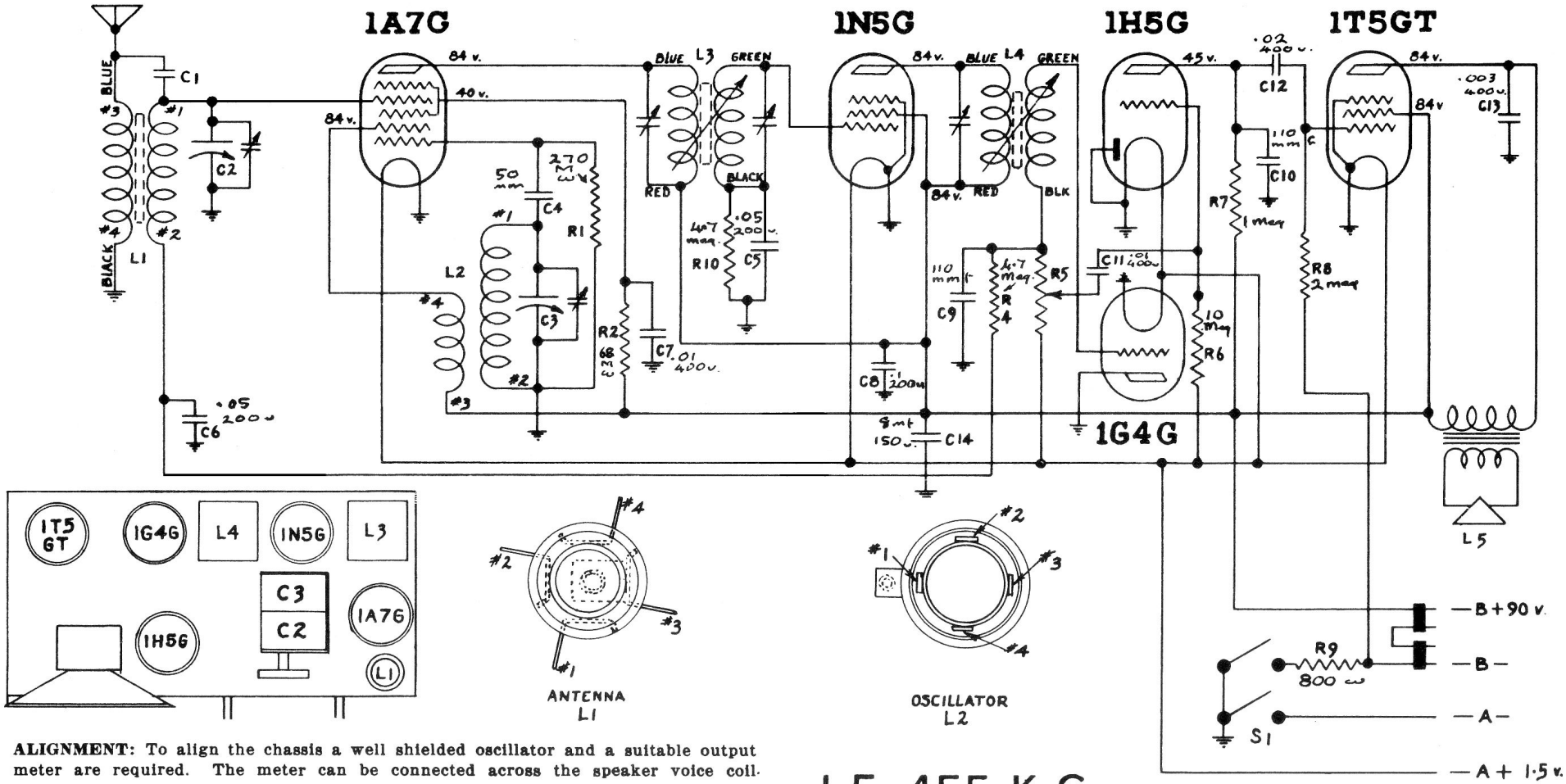

ANTENNA
L1

OSCILLATOR
L2

"A" DRAIN: 250 MILS.
"B" DRAIN: 8 MILS.

NOTE: ALL VOLTAGES MEASURED FROM TUBE SOCKET TO GROUND (CHASSIS), WITH METER OF 1000 OHMS PER VOLT, ON HIGHEST READABLE RANGE

ALIGNMENT: To align the chassis a well shielded oscillator and a suitable output meter are required. The meter can be connected across the speaker voice coil terminals. The volume control should be full on and the weakest possible signal used from the oscillator that will give a readable indication on the output meter. Proceed as shown in the table.

I.F. 455 K.C.

No.	Dummy Antenna	Connection of Signal Generator to Receiver	Signal Generator Frequency	Receiver Dial Setting	Trimmers to be Adjusted	Description of Adjustment
1.	.1 mfd cond.	1A7G Grid Cap	455 kc	Anywhere that does not affect the signal	2nd I.F. 1st I.F.	Peak both transformers for maximum output, then repeat until no further increase in output can be obtained.
2.	Standard Dummy Antenna	Blue antenna wire	1500 kc	1500 kc	Oscillator trimmer on rear section of gang	Adjust to bring in signal
3.	Standard Dummy Antenna	Blue antenna wire	1500 kc	Tune in signal	Antenna trimmer on front section of gang	Adjust for maximum output

Note: A 200 mmf condenser may be used in place of a standard dummy antenna.

STEWART-WARNER DATA SHEET 101

1940-41 MODEL 479