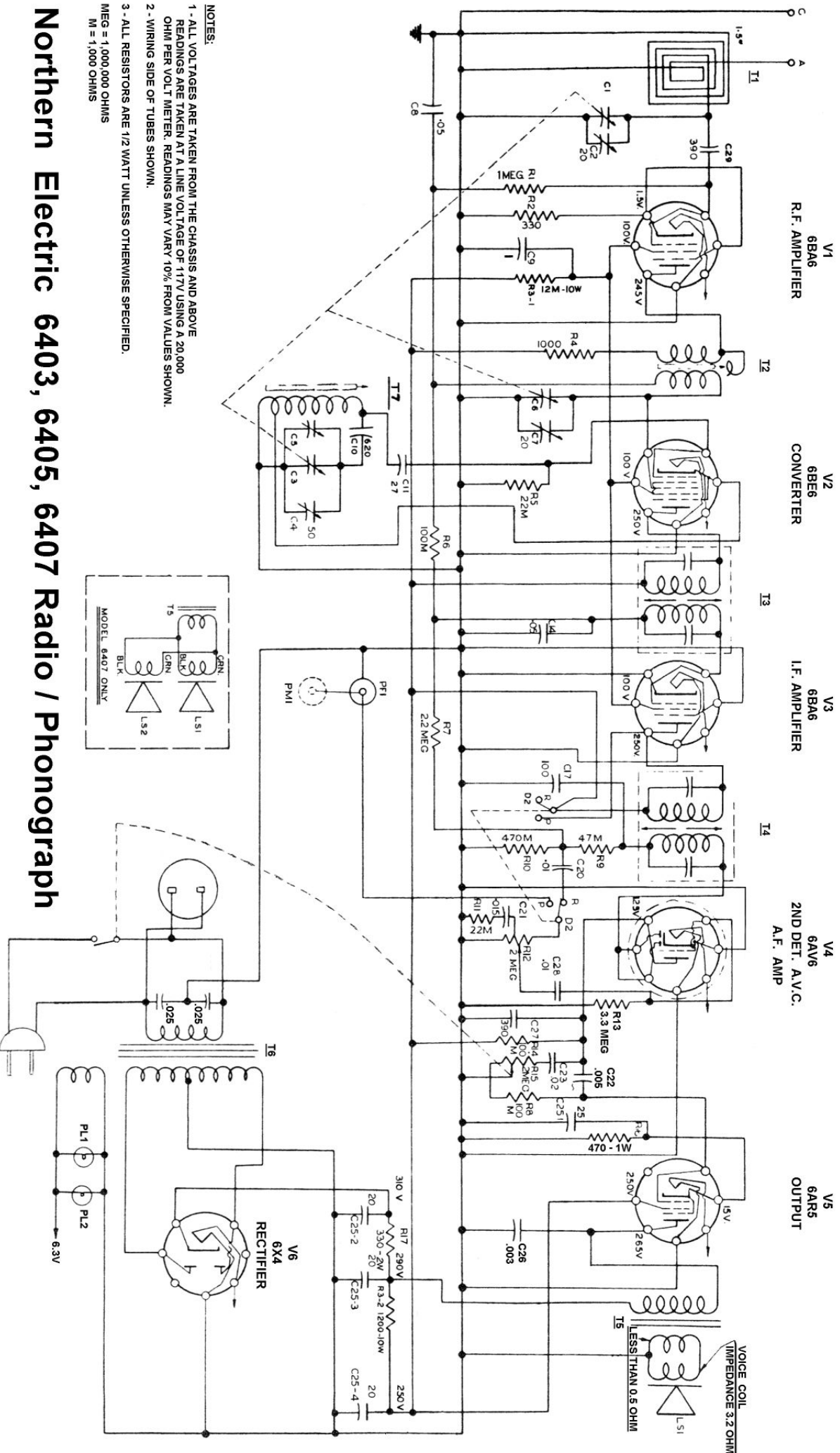




Northern Electric 6403, 6405, 6407 Radio / Phonograph

POWER SUPPLY:

117 volts

Frequency - 60 c.p.s. 6403A, 6405A, 6407A.
25 c.p.s. 6403B, 6405B, 6407B.

Power Consumption Radio: 60 watts, .5 amps.
Phonograph: 70 watts, .75 amps.

POWER OUTPUT:

3.5 watts

LOUDSPEAKER:

6403, 6405 - 12" Alnico V, PM Type
6407 - Twin Alnico V speakers 6" x 9"

FREQUENCY RANGE:

530-1600 KC/S.

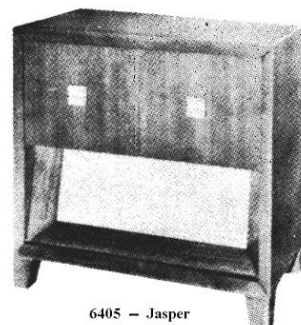
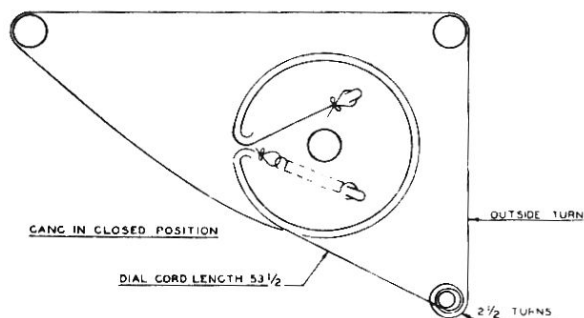
INTERMEDIATE FREQUENCY:

455 KC/S.

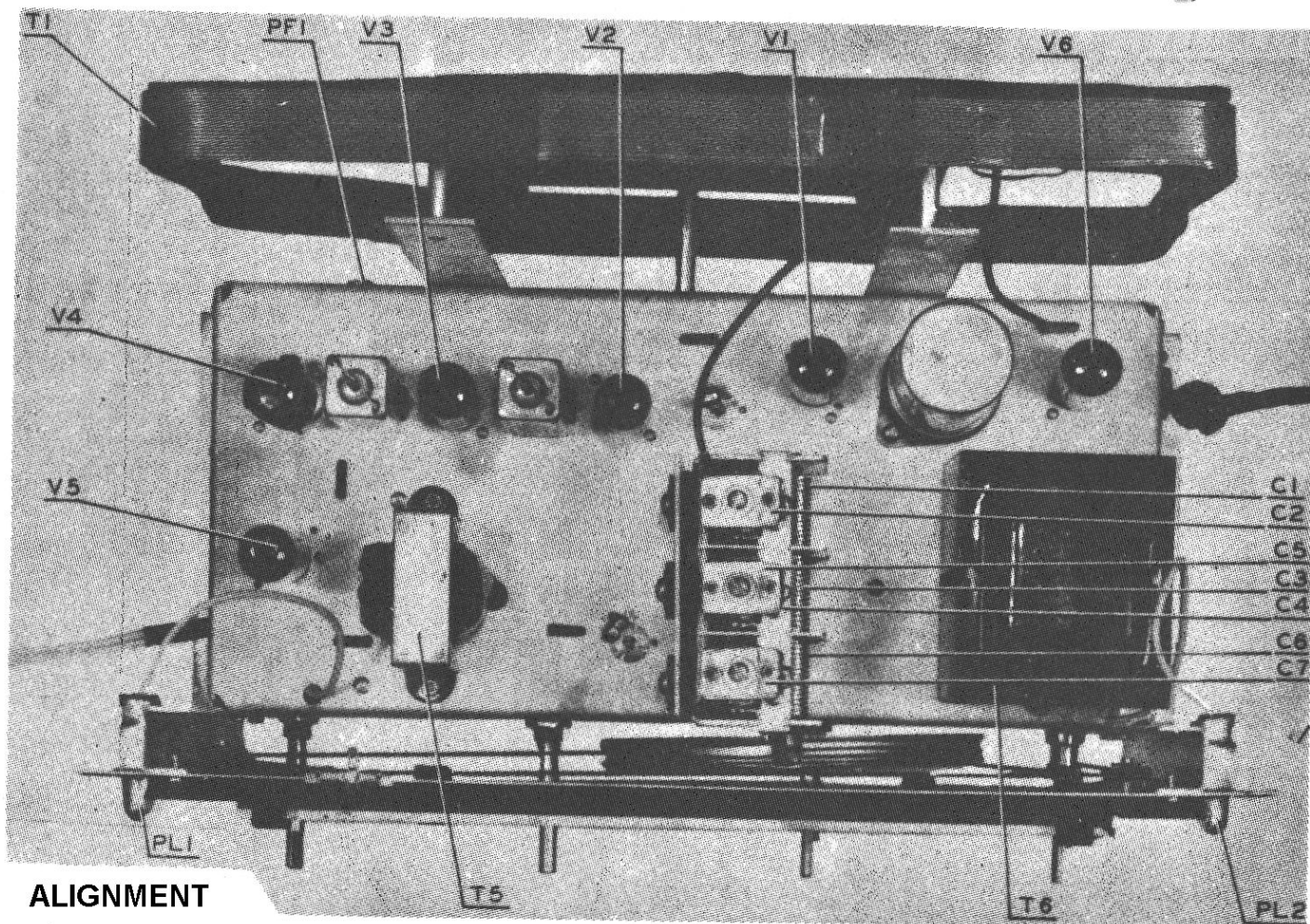
A.V.C.

On 6BA6 R.F. Amplifier,
6BE6 Converter
6BA6 I.F. Amplifier

VM Type 950 Trimatic Record
Changer used in this receiver.



6405 - Jasper



ALIGNMENT

Alignment procedure should be carried out according to the following table and in the order shown:

Alignment Frequency	Dummy Antenna	Receiver Connection	Items to be adjusted for maximum output and their location
I.F. 455 KC/s	.1 uf	Front Section Gang (Mixer)	I.F. tuning slugs L1, L2, L3, L4 in the I.F. transformers T3 and T4 with non-metallic alignment tool and gang open.
R.F. 1400 KC/s	1000 ohm	Antenna Terminal	(a) Osc. trimmer C4 on center section of gang. (b) R.F. trimmer C2 on rear section of gang. (c) Mixer trimmer C7 on front section of gang.
R.F. 600 KC/s	1000 ohm	Antenna Terminal	(a) Slug in coil T7. (b) Slug in coil T2.

NOTE: It is necessary to remove the four corks in the record compartment shelf before removing the four screws securing the chassis in place.

Northern Electric 6403, 6405, 6407