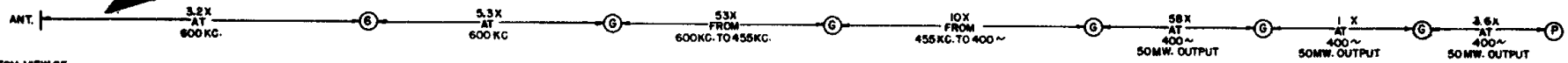
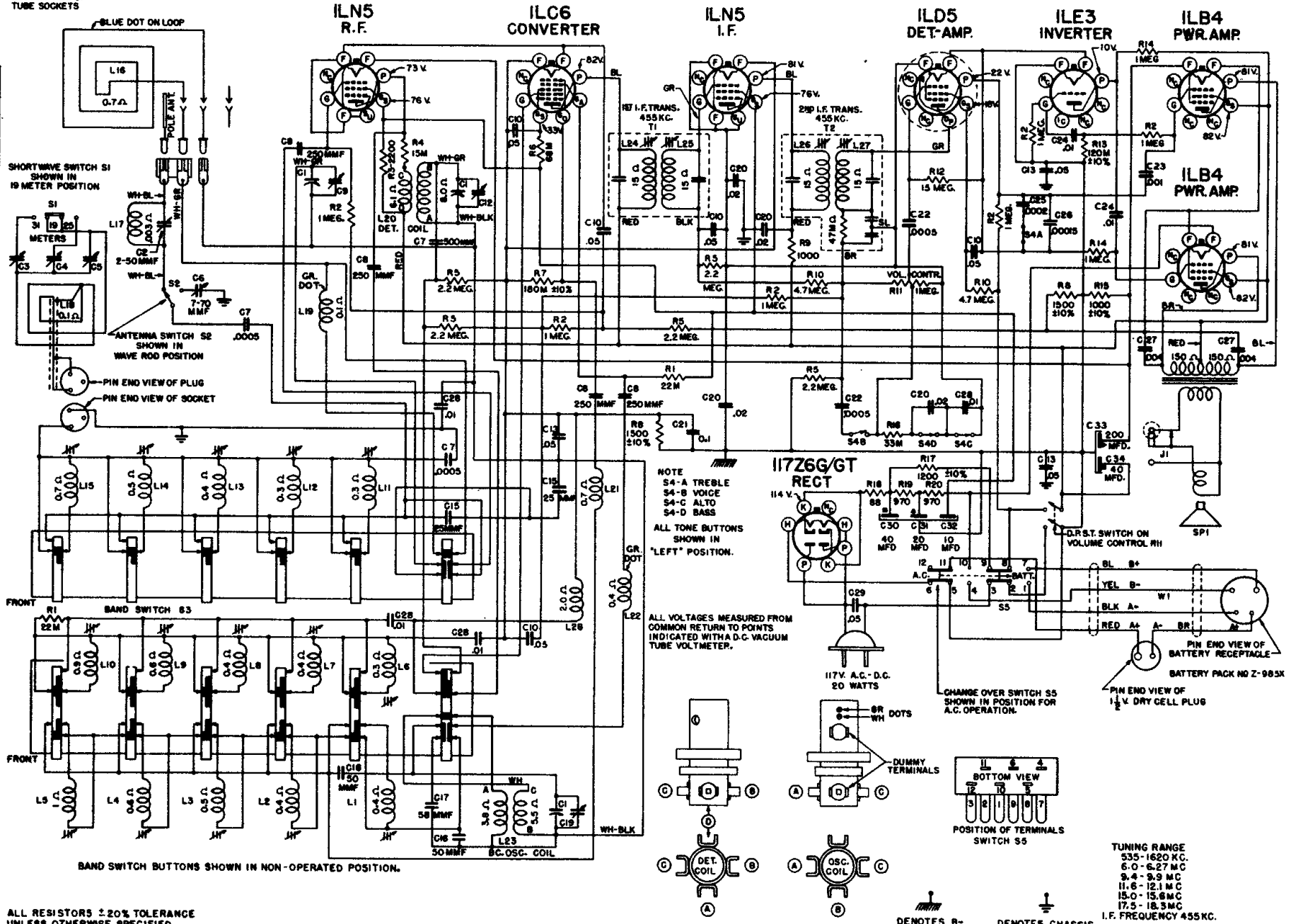


MODEL 8 G 005
CHASSIS 8 C 40



**BOTTOM VIEW OF
TUBE SOCKET**



ALL RESISTORS $\pm 20\%$ TOLERANCE
UNLESS OTHERWISE SPECIFIED

TUNING RANGE
535-1620 KC.
6.0-6.27 MC
9.4-9.9 MC
11.6-12.1 MC
15.0-15.6 MC
17.5-18.3 MC
I.F. FREQUENCY 455 KC.

DENOTES 8- DENOTES CHASSIS

TO THE SERVICE MAN:

Chassis 8C40 features a high gain tuned RF stage ahead of a conventional superheterodyne circuit with band spread tuning on the 49, 31, 25, 19 and 16 meter bands.

The audio amplifier used in chassis 8C40 features phase inversion and push-pull power output.

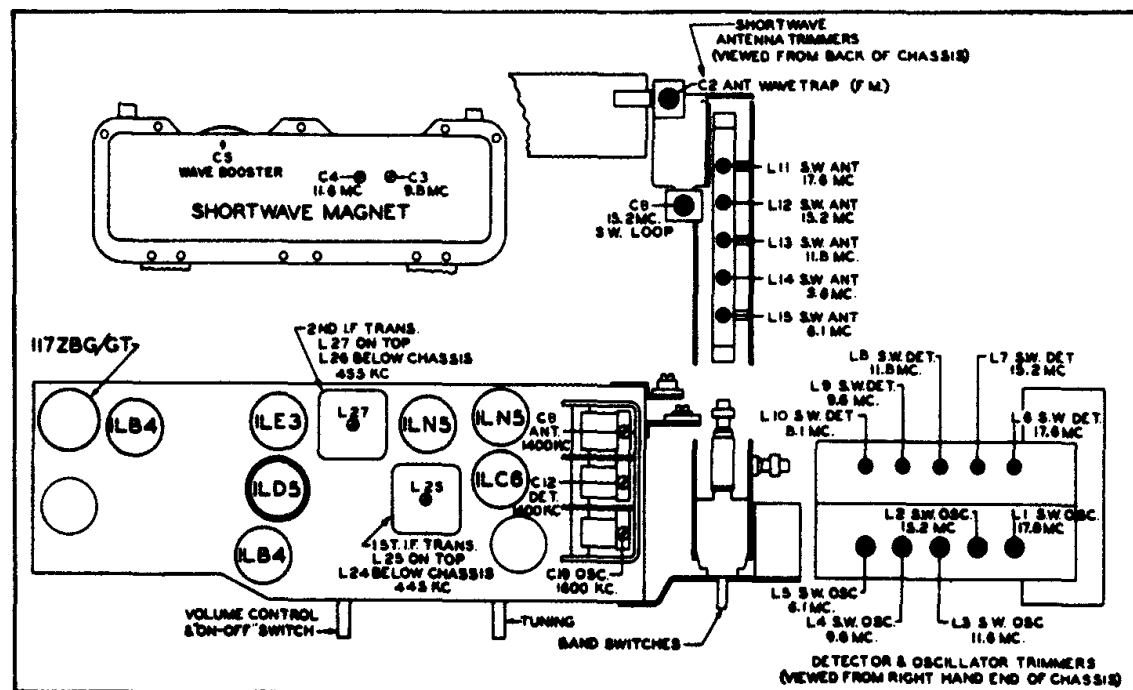
If removal of the chassis from the cabinet ever becomes necessary this should be done with care.

The alignment of chassis 8C40 is conventional. However, care must be exercised when making adjustments, and the alignment procedure must be followed exactly. Set the chassis over a metal plate approximately the same distance the battery pack is from the bottom of the chassis when it is in the cabinet. This procedure will introduce the approximate amount of metal in the field of the RF and oscillator coils as when the chassis is in the cabinet. A signal generator of reasonable accuracy and good attenuation must be used. An output meter (AC) of the copper oxide rectifier type with a range of 1 to 30 volts in several steps is necessary to get accurate output readings. Alignment wrenches should be of the non-metallic type, especially when making adjustments at the higher frequencies.

OPERATION	CONV OSCILL
1	Converter Grid
2	One Turn Coupled Broadc
3	
4	
5*	3 Feet
6*	
7*	

Zenith Radio Corp.

MODEL 8 G 005
CHASSIS 8 C 40



TUBE AND TRIMMER LOCATION ALIGNMENT PROCEDURE

[illegible]

*Note: Rock Tuning Condenser When Making Alignment Under Operations 5,6,7,8 and 9