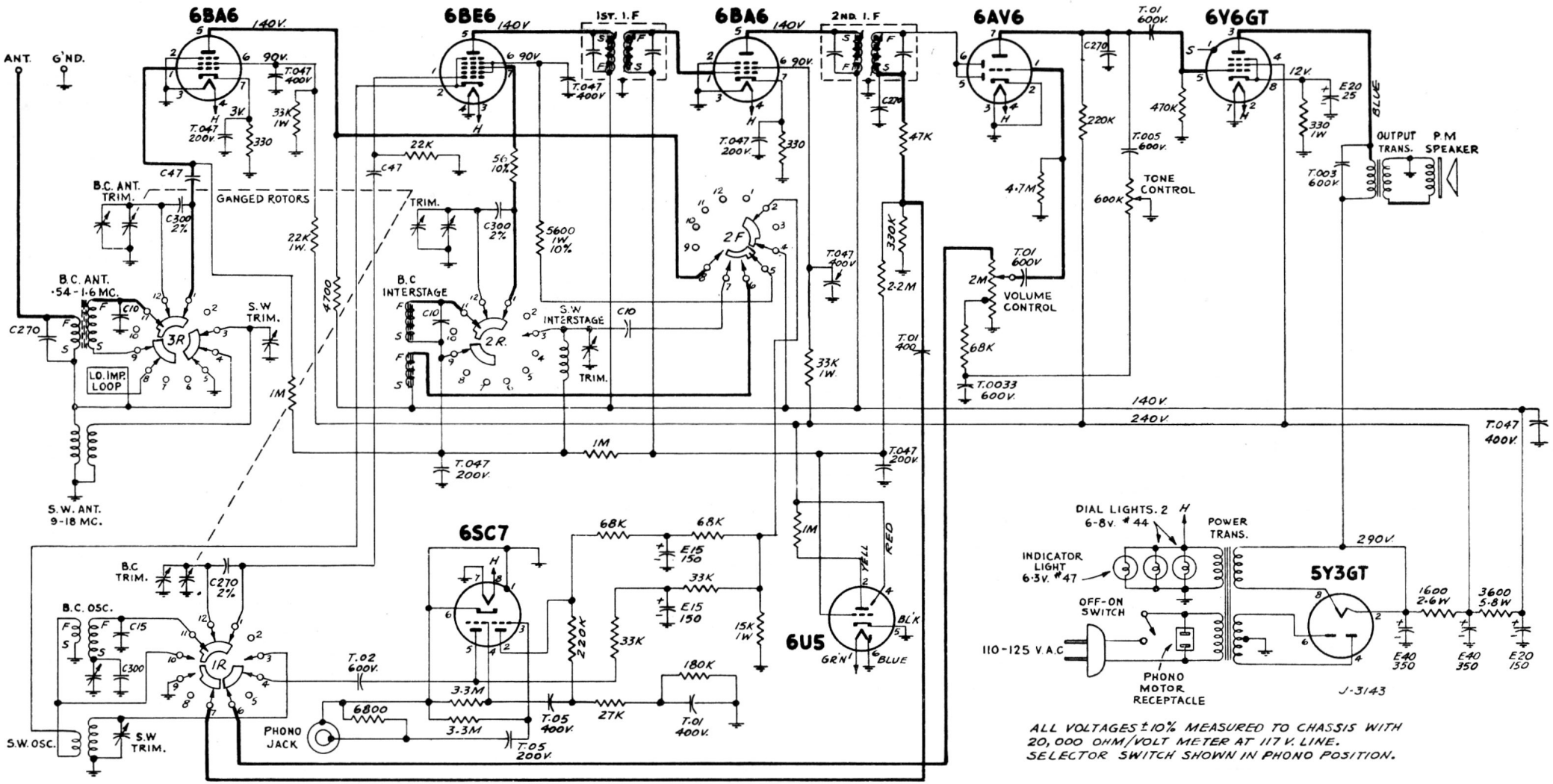
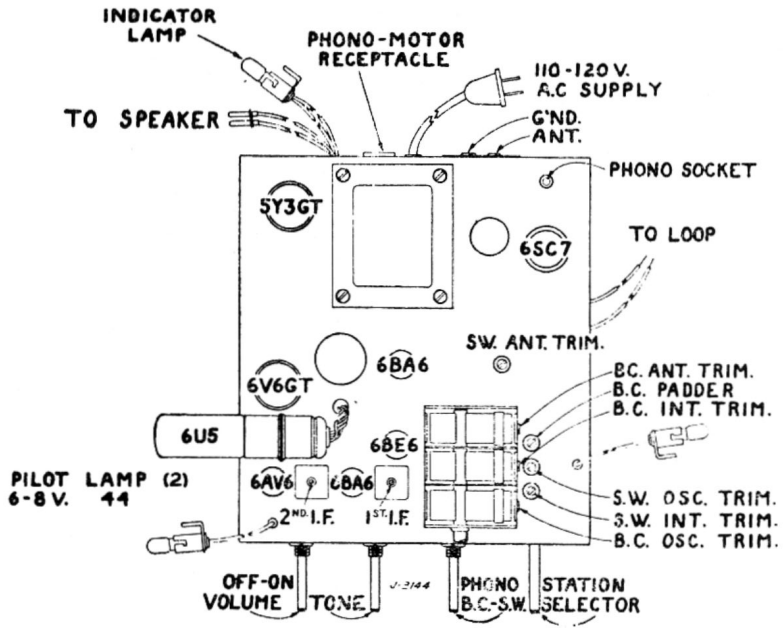


ALL VOLTAGES ± 10% MEASURED TO CHASSIS WITH 20,000 OHM/VOLT METER AT 117 V. LINE. SELECTOR SWITCH SHOWN IN PHONO POSITION.

VIKING 54-136



CHASSIS LAYOUT CHART

ALIGNMENT AND SENSITIVITY SIGNAL GENERATOR MODULATED 30% AT 400 C.P.S.					
APPLY SIGNAL		THRU SERIES	SET GANG	ADJUST FOR	NOMINAL SENSITIVITY FOR
AT KC.	TO	DUMMY	AT	MAX. OUTPUT	500 MILLIWATTS OUTPUT
455	6BA6 I.F #1 PIN	.05 μfd.		2ND. I.F IRON CORES.	3500 μv.
455	6BE6 #7 PIN	.05 μfd.	MIN. CAP.	1ST I.F & 2ND. I.F	75 μv.
1460	6BE6 #7 PIN	.05 μfd.	1460 KC.	B.C OSC. TRIM.	85 μv.
1460	ANT.	*	1460 KC.	B.C ANT. & INTERSTAGE TRIM.	20 μv/M.
600	ANT.	*	600 KC.	B.C. OSC. PADDER	50 μv/M.
16 MC.	ANT.	400 Ω	16 MC.	S.W. OSC. INTERSTAGE & ANT. TRIM.	15 μv.
10 MC.	ANT.	400 Ω	10 MC.	CHECK POINT	20 μv.

* FASHION LOOP OF SEVERAL TURNS OF WIRE AND RADIATE SIGNAL INTO LOOP OF RECEIVER. ADJUST FOR MAXIMUM OUTPUT. FOR STEPS 4 AND 5 LOOP ON CABINET MUST BE CONNECTED OR DUPLICATED.

SPECIFICATIONS

Standard Broadcast Range	535 Kc. - 1650 Kc.
Short Wave Range	9.0 Mc. - 18.0 Mc.
Intermediate Frequency	455 Kc.
Power Consumption (Radio Only)	62 Watts
Power Consumption (Radio & Phono)	75 Watts
Undistorted Output	3.5 Watts
Maximum Power Output	6.5 Watts

COMPONENT VALUES.

RESISTORS: HALF WATT, UNLESS OTHERWISE NOTED.
20% TOLERANCE UNLESS OTHERWISE NOTED.
K = 1000 OHMS
M = 1000,000 OHMS.

CONDENSERS: T - TUBULAR, FOLLOWED BY CAP. IN MFD & D.C.W.V.
E = ELECTROLYTIC, FOLLOWED BY CAP. IN MFD & D.C.W.V.
C - CERAMIC, FOLLOWED BY CAP. IN MMFD. & TOL IF CRITICAL
M = MICA, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL