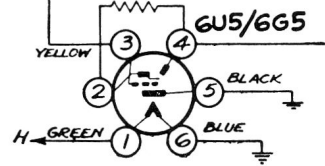


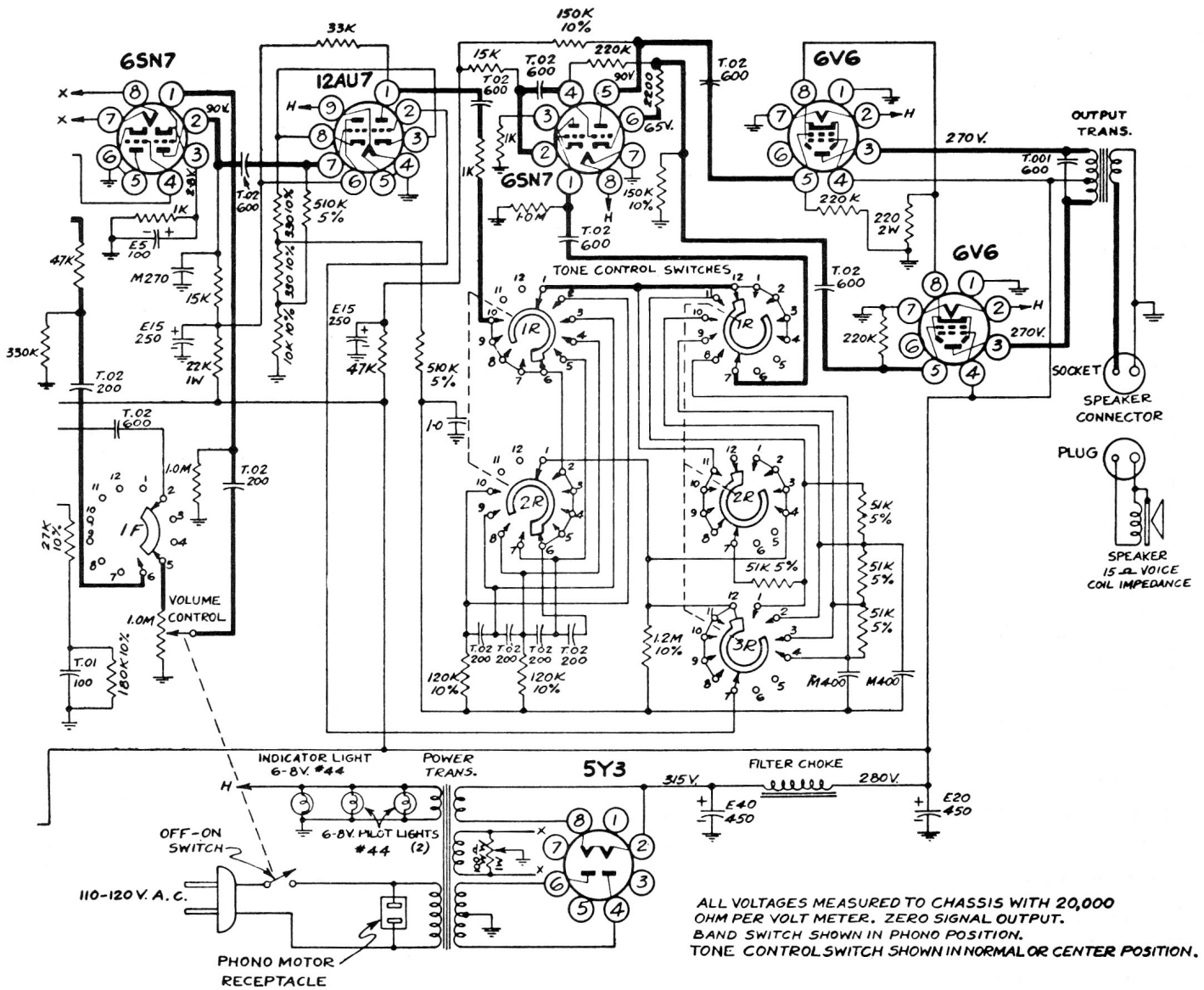
**COMPONENT VALUES**

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

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

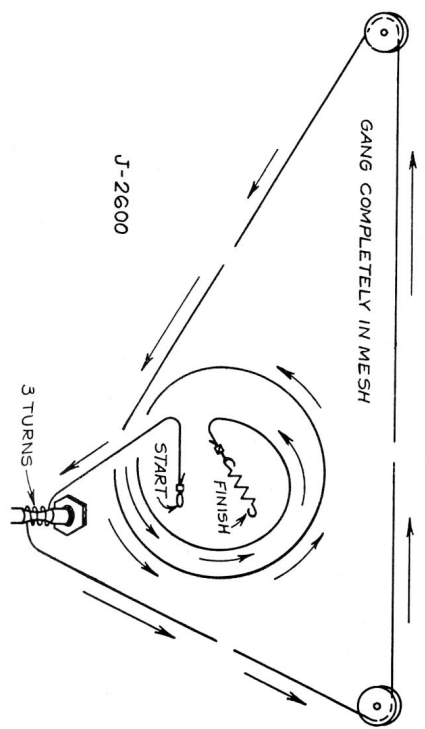
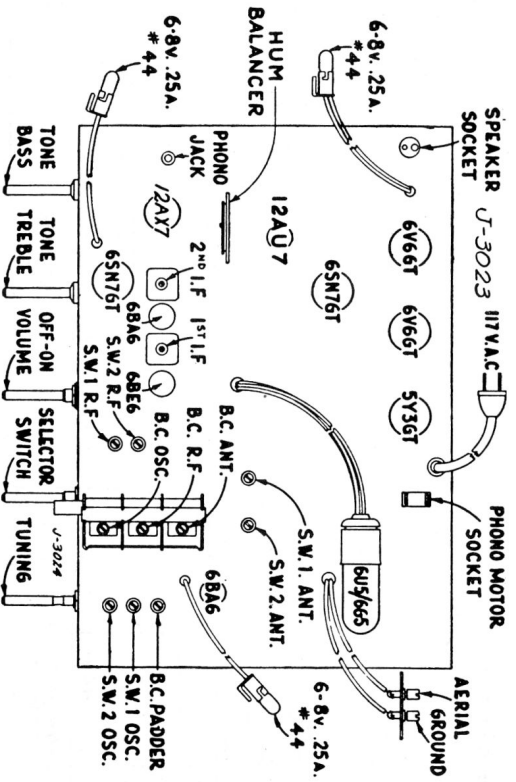
**VIKING 52-116**





ALIGNMENT AND SENSITIVITY					
SIGNAL GENERATOR MODULATED 30% AT 400 C.P.S.					
TONE CONTROL SWITCHES IN NORMAL OR CENTER POSITION					
STEP	APPLY SIGNAL TO	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX OUTPUT	NOMINAL SENSITIVITY FOR 500 MILLIWATTS OUTPUT
1	455 AT K.C.	68A6, I.F. #1 PIN	.05	2ND. I.F. IRON CORES	3250
2	455	6BE6 #1 PIN	.05	#1 #2 I.F. IRON CORES	75
3	1460	6BE6 #1 PIN	.05	B.C. OSC. TRIM.	-
4	1460	ANT.	*	B.C. ANT. INTERSTAGE TRIMMERS	MAXIMUM OUTPUT
5	600	ANT.	*	B.C. OSC. PADDER	MAXIMUM OUTPUT
6	16 MC.	ANT.	400Ω	S.W. 2 OSC. INTERSTAGE ANT. TRIM.	10
7	10.5 MC.	ANT.	400Ω	S.W. 2 CHECK POINT	10
8	10 MC.	ANT.	400Ω	S.W. 1 OSC. INTERSTAGE ANT. TRIM.	10
9	6 MC.	ANT.	400Ω	S.W. 1 CHECK POINT	10

\* STEPS #4 & 5  
 • FASHION LOOP FROM SEVERAL TURNS OF WIRE *f* USE AS RADIATOR WHEN CONNECTED TO SIGNAL GENERATOR



**SPECIFICATIONS**

- Standard Broadcast Range.....540 Ke. - 1640 Ke.
- Short Wave Range SW1.....5.7-11.0 Mc.
- SW2.....10.0-18.0 Mc.
- Intermediate Frequency.....455 Ke.
- Power Consumption (Radio Only).....120 Watts
- Power Consumption (Radio and Phono)..132 Watts
- Undistorted Output.....6 Watts
- Maximum Power Output.....9 Watts

