

# VIKING 51-15

ALL VOLTAGES ±10% MEASURED TO CHASSIS WITH  
 20,000 OHM/VOLT METER AND BAND SWITCH IN  
 BROADCAST POSITION.  
 NOTE: B-C-PHONO SWITCH SHOWN IN PHONO POSITION.

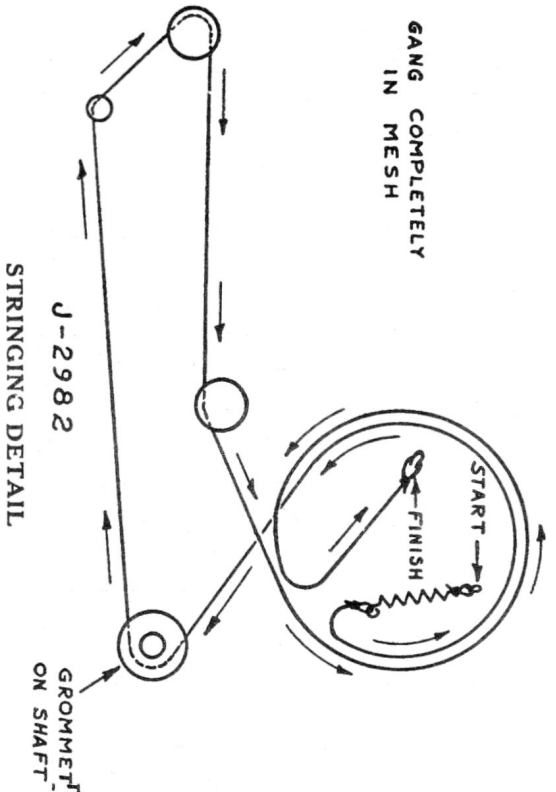
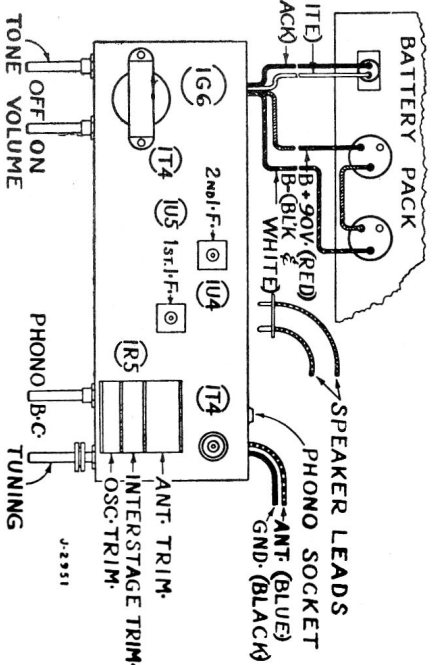
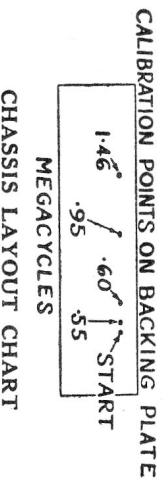
J-2950

**ALIGNMENT AND SENSITIVITY**  
SIGNAL GENERATOR MODULATED 30% AT 400 CY.

STEP	APPLY SIGNAL AT KC.		TUNE SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT	NOMINAL SENSITIVITY FOR 50 MILLIWATTS OUTPUT
	TO	FROM				
1	455	104	.05 $\mu$ f/d	—	2ND I.F. SLUGS.	2200 $\mu$ V
2	455	1R5 #6 PIN	.05 $\mu$ f/d	—	1ST I.F. SLUGS	115 $\mu$ V
3	1000	1R5 #6 PIN	.05 $\mu$ f/d	1000KC.	CHECK ONLY	150 $\mu$ V
4	1460	ANT.	200 $\mu$ f/d	1460	OSC. TRIMMER	
5	1460	ANT.	200 $\mu$ f/d	1460	ANT. TRIM. INTER. TRIM.	2 $\mu$ V

**COMPONENT VALUES**

RESISTORS: HALF WATT, UNLESS OTHERWISE NOTED.  
20% TOLERANCE, UNLESS OTHERWISE NOTED.  
K = 1000 OHMS.  
M = 1000,000 OHMS.  
CONDENSERS: TUBULAR, FOLLOWED BY CAP. IN MFD. AND D.C. IN V.  
E = ELECTROLYTIC, FOLLOWED BY CAP. IN MFD. & D.C. IN V.  
C = CERAMIC, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL.  
M = MICA, FOLLOWED BY CAP. IN MMFD. & TOL. IF CRITICAL.



**VIKING 51-15**

**SPECIFICATIONS**

Standard Broadcast Range .....	540 Kc.-1650 Kc.
Intermediate Frequency .....	455 Kc
Undistorted Output .....	180 mw.
Maximum Power Output .....	350 mw.
“A” Battery 1.5 Volts Average Drain .....	—Radio 320 ma. —Phono 195 ma.
“B” Battery 90 Volts Average Drain .....	—Radio 16 ma. —Phono 8 ma.