

ALL VOLTAGES ±10% MEASURED TO CHASSIS WITH 20,000 OHM/VOLT METER AND BATTERY SAVER SWITCH IN ON POSITION.

VIKING 54-55

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. AND D.C. MV.

E-ELECTROLYTIC, FOLLOWED BY CAP IN MFD. & D.C. MV.

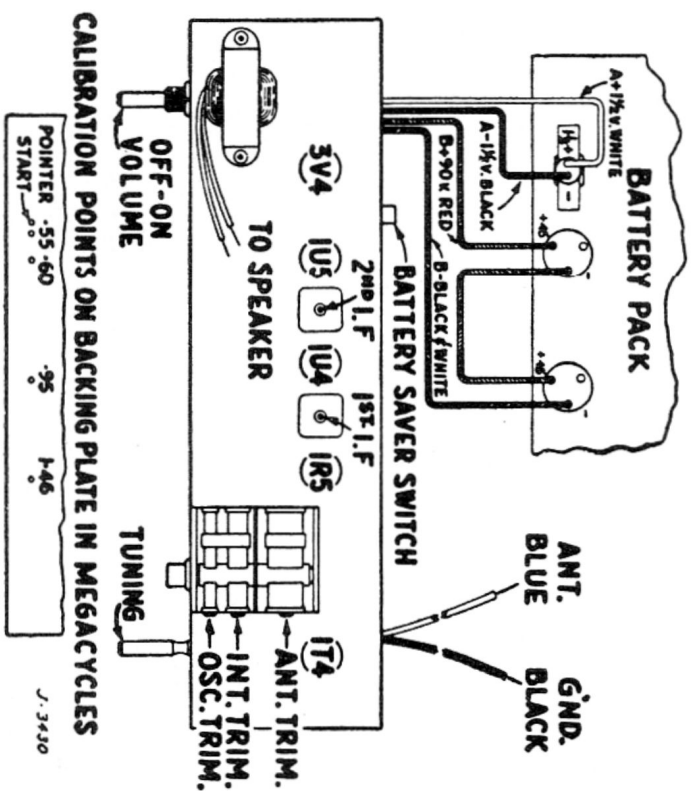
C-CERAMIC, FOLLOWED BY CAP IN MMFD. & TOL. IF CRITICAL.

M-MICA, FOLLOWED BY CAP IN MMFD. & TOL. IF CRITICAL.

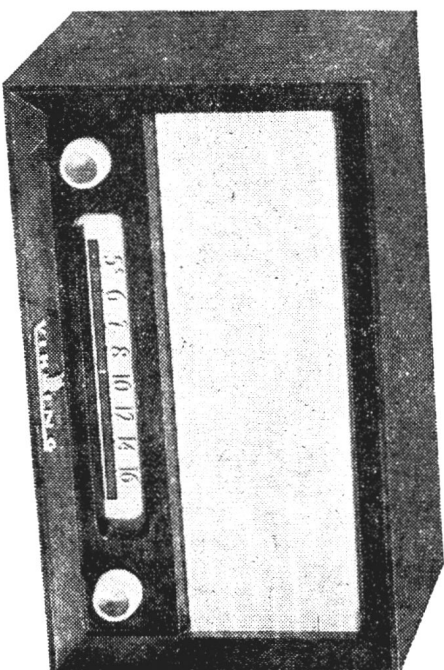
ALIGNMENT AND SENSITIVITY

SIGNAL GENERATOR MODULATED 30% AT 400 CY.

STEP	APPLY SIGNAL AT K.C. TO	THRU SERIES DUMMY	SET GANG AT	ADJUST FOR MAX. OUTPUT FOR 50 MILLIWATTS OUTPUT.	NOMINAL SENSITIVITY FOR 50 MILLIWATTS OUTPUT.
1	455	1U4 #6 PIN	—	2ND. I.F. SLUGS	2200
2	455	1R5 #6 PIN	—	1ST. I.F. SLUGS	90
3	1460	ANT.	200MH/d.	OSC. TRIM	
4	1460	ANT.	200MH/d.	ANT. TRIM. INT. TRIM.	4 MV.
5	600	ANT.	200MH/d.		6 MV.



CHASSIS LAYOUT



VIKING 54-55

SPECIFICATION

Tuning Range	540 Kc. - 1640 Kc.
Intermediate Frequency	455 Kc.
Undistorted Power Output	100 mw.
Maximum Power Output	250 mw.
"A" Battery, 1.5 Volts—Average Drain25 Amps.
"B" Battery, 90 volts—Average Drain	12.0 ma.

