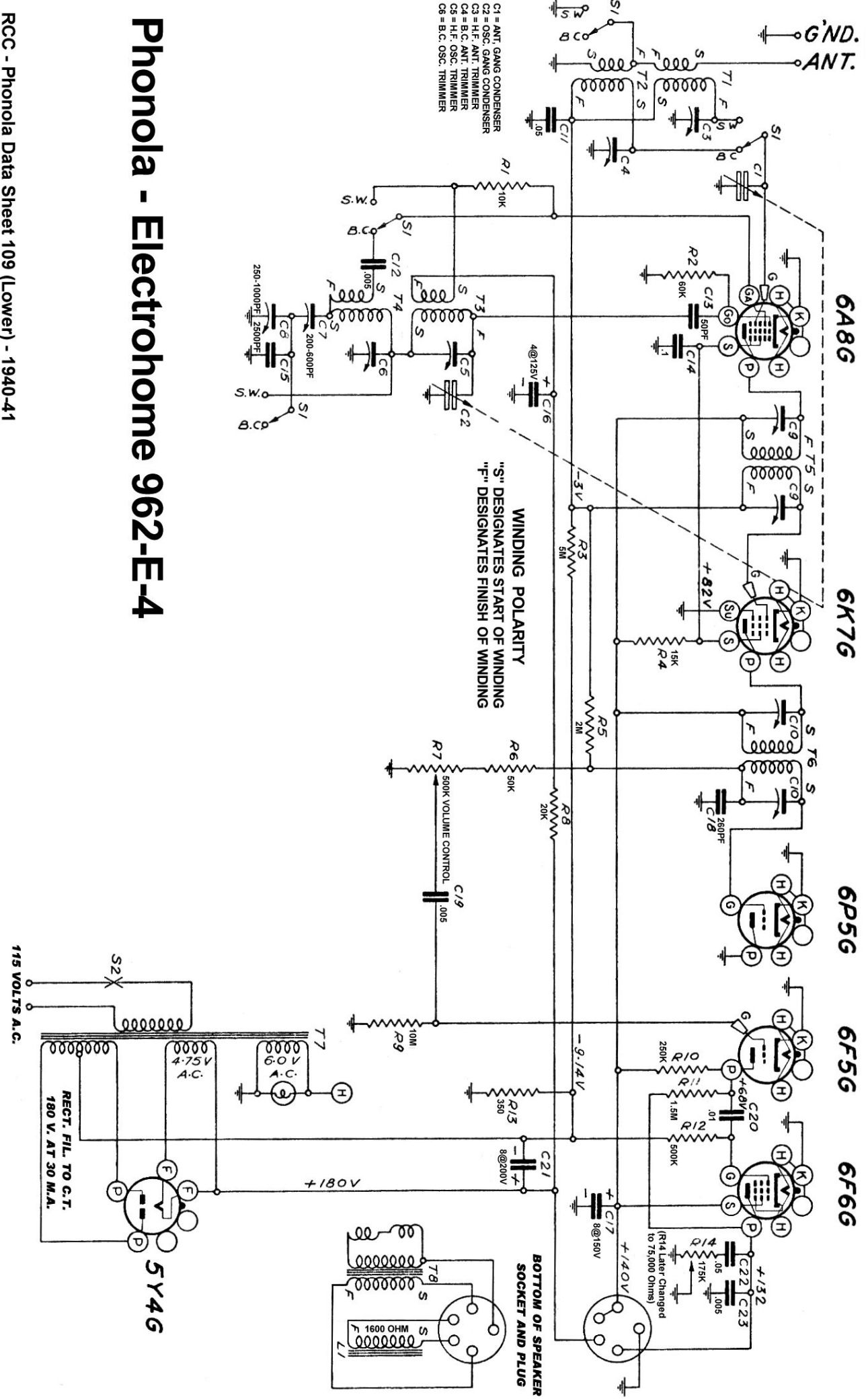


- C1 = ANT. GANG CONDENSER
- C2 = OSC. GANG CONDENSER
- C3 = H.F. ANT. TRIMMER
- C4 = B.C. ANT. TRIMMER
- C5 = H.F. OSC. TRIMMER
- C6 = B.C. OSC. TRIMMER

# Phonola - Electrohome 962-E-4



WINDING POLARITY  
 "S" DESIGNATES START OF WINDING  
 "F" DESIGNATES FINISH OF WINDING

**BOTTOM OF SPEAKER  
 SOCKET AND PLUG**

115 VOLTS A.C.

RECT. FIL. TO G.T.  
 180 V. AT 30 M.A.

5Y4G

6A8G

6K7G

6P5G

6F5G

6F6G

## ALIGNMENT AND CALIBRATION

These receivers are carefully aligned and calibrated at the factory with precision instruments. If realignment is necessary, the following equipment is required:

- (1) A Signal Generator to supply with accuracy the frequencies:
  - (a) 455 K.C., (b) 1460 K.C., (c) 600 K.C., (d) 15 M.C., (e) 6 M.C.
- (2) A dependable Output Meter.

**Note 1**—When aligning oscillator section at high frequencies, care should be taken that the receiver is not adjusted to an image frequency in place of the fundamental. At 15 M.C. the fundamental will be obtained at minimum trimmer capacity.

**Note 2**—When aligning antenna trimmer at high frequencies, rock gang condenser back and forth to obtain maximum peak.

### ALIGNMENT — PROCEED IN SEQUENCE LISTED

Band	Band Switch Setting	Dummy Antenna	Connect Generator To	Radio Dial Setting	Generator Frequency	Trimmer Adjusted	Adjustment	Note
2nd I. F.	Extreme Left	.1 Mfd.	Grid of 6K7G I. F. Tube	1650 K. C.	455 K. C.	2nd I. F. C10	Maximum Output	
1st I. F.	Extreme Left	.1 Mfd.	Grid of 6A8G 1st Detector	1650 K. C.	455 K. C.	1st I. F. C9	Maximum Output	
1460 K. C.	Extreme Left	200 Mmfd.	Antenna	1460 K. C.	1460 K. C.	B.C. Osc. C6 B.C. Ant. C4	Maximum Output	
600 K. C.	Extreme Left	200 Mmfd.	Antenna	600 K. C.	600 K. C.	B. C. Padder C7	Maximum Output	Rock Rotor Back & Forth
15 M. C.	Extreme Right	400 Ohm	Antenna	15 M. C.	15 M. C.	S.W. Osc. C5 S.W. Ant. C3	Maximum Output	Check Image See Note 1
6 M. C.	Extreme Right	400 Ohm	Antenna	6 M. C.	6 M. C.	S. W. Padder C8	Maximum Output	

