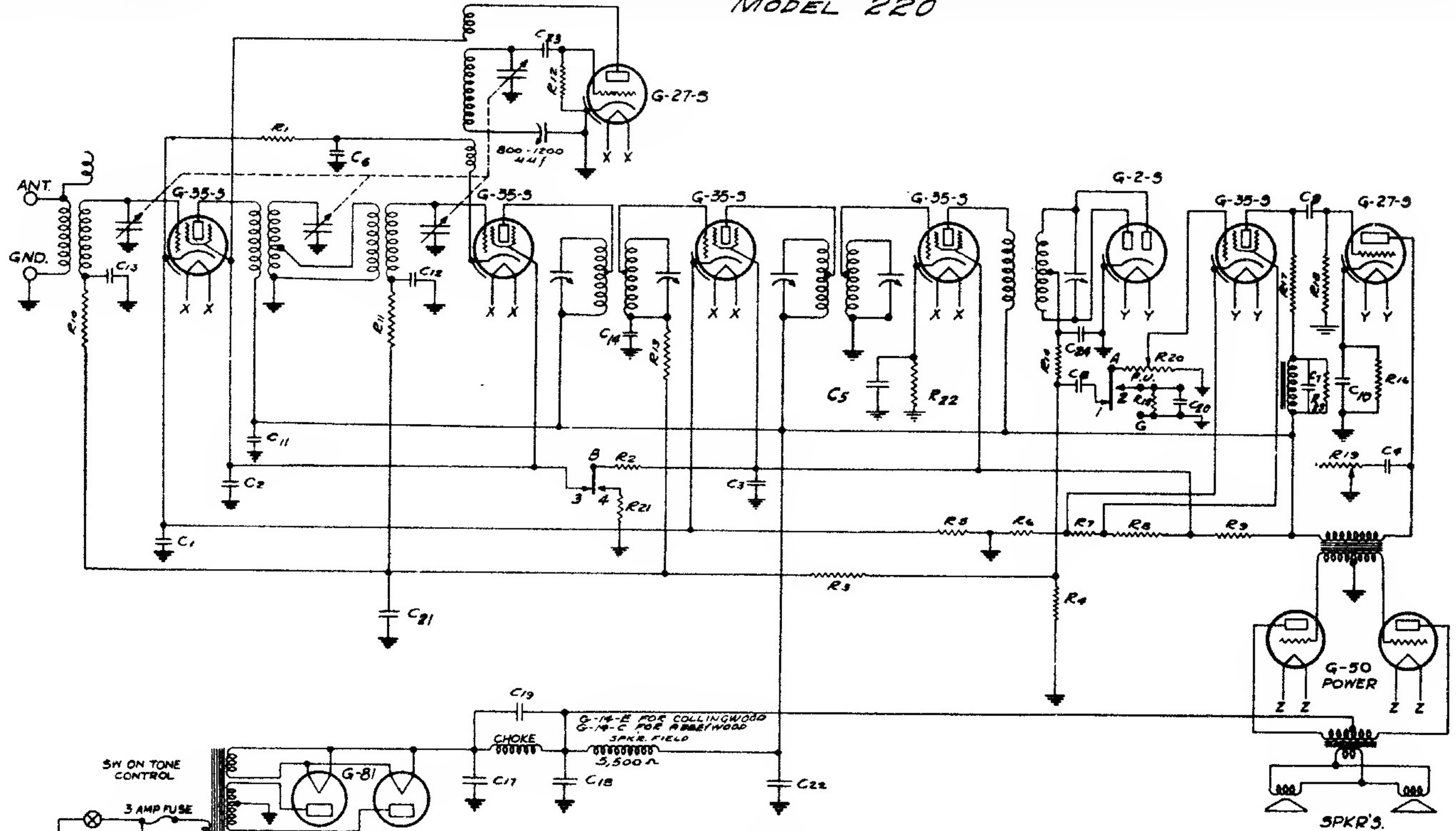


# DIAGRAM OF MAJESTIC AUTOMATIC VOLUME CONTROL SUPERHETERODYNE RECEIVER MODEL 220



**RESISTANCES  $\Omega$**

$R_1 = 700$	$R_{21} = 12,000$
$R_2 = 700$	$R_{22} = 700$
$R_3 = 250,000$	$R_{23} = 13,000$
$R_4 = 250,000$	
$R_5 = 180$	
$R_6 = 110$	
$R_7 = 3000$	
$R_8 = 3500$	
$R_9 = 7000$	
$R_{10} = 100,000$	
$R_{11} = 100,000$	
$R_{12} = 100,000$	
$R_{13} = 100,000$	
$R_{14} = 25,000$	
$R_{15} = 30,000$	
$R_{16} = 4000$	
$R_{17} = 25,000$	
$R_{18} = 1,000,000$	
$R_{19} = 50,000$	
$R_{20} = 200,000$	

**CAPACITIES  $\mu F$**

$C_1 = .25$	$C_{20} = .02$
$C_2 = .5$	$C_{21} = .01$
$C_3 = .5$	$C_{22} = 8.0$ - ELECTROLYTIC
$C_4 = .05$	$C_{23} = .00005$
$C_5 = .1$	$C_{24} = .00025$
$C_6 = .1$	
$C_7 = .06$	
$C_8 = .1$	
$C_9 = .1$	
$C_{10} = 1.0$	
$C_{11} = .25$	
$C_{12} = .01$	
$C_{13} = .01$	
$C_{14} = .01$	
$C_{15} = .01$	
$C_{16} = .01$	
$C_{17} = 2.0$	
$C_{18} = 4.0$	
$C_{19} = 25$	

"A" & "B" - PHONO-RADIO SWITCH  
 "E" - FILTER COND. CAN  
 "F" - R.F. BY-PASS CAN  
 "C" - A.F. BY-PASS CAN  
 "D" - RESISTOR STRIP

115 VOLTS - 60 CYCLES - 200 WATTS.

I.F. 175 KC.