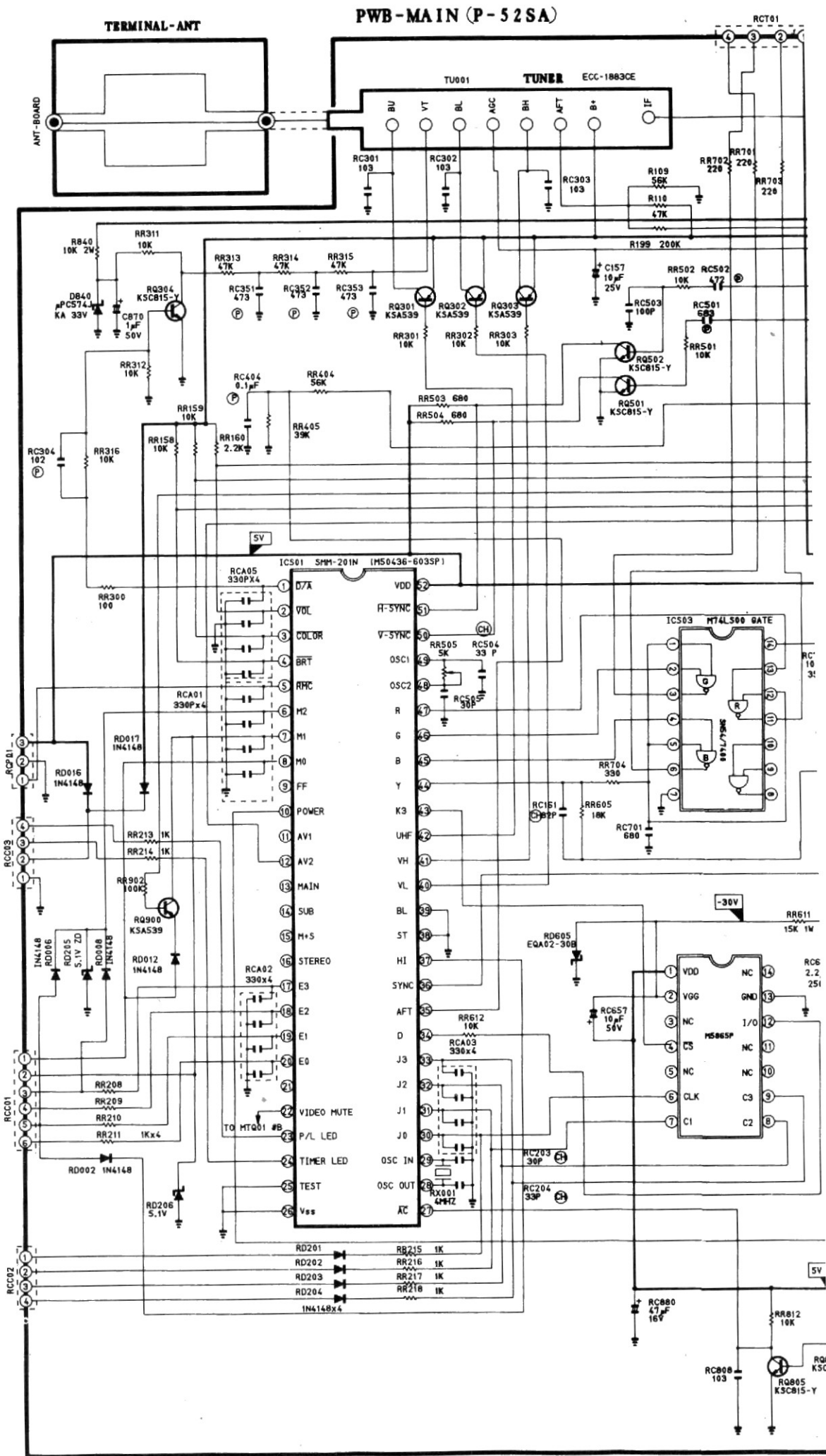
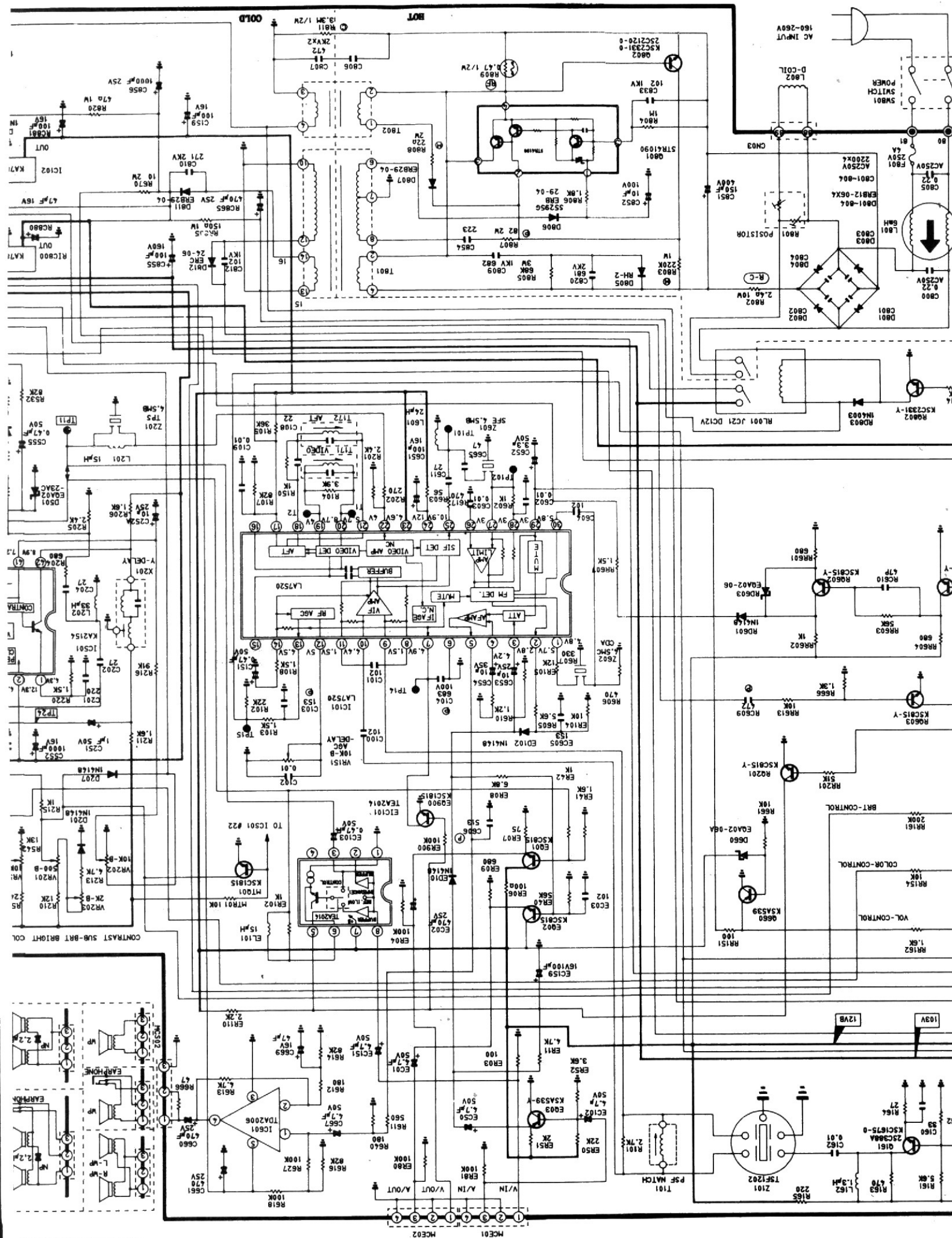


## MOD: 20C98 RC





OBSERVATION OF VOLTAGE

1. Voltages read with "VTVM"
2. Voltages read with "VTVM"
3. The schematic shown is for a 100V 10W resistor
4. All waveforms are taken as per
5. Check fine tuning, AGC, BR
6. Color controls for best pt
7. Waveforms are taken using

# PHILCO

MOD: 20C98 RC

## F VOLTAGES AND WAVEFORMS

With "VTVM" from point shown to chassis ground.  
0-volts color bar signal.  
is may vary  $\pm 20\%$ .  
shown is representative only.  
are taken using a wide band oscilloscope and a low capacity probe.  
ING, AGC, BRIGHTNESS, CONTRAST, and  
taken using a standard color bar signal.

## EXPRESSION

1. Resistance is shown in ohm, K = 1,000 M = 1,000,000
2. Unless otherwise noted in schematic all capacitor values less than 1 are expressed in pfd, the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values are expressed in uH, and the values less than 1 in mH.

## NOTE

The circuits subject to change without notice to improve the picture quality.

## USE FOR GAUSS REGION

GAUSS	RH01	INCH
-300mG	110a 2W R-METAL	14" 16"
	82a 2W R-METAL	20"
-100mG	150a 2W R-METAL	14" 16"
	120a 2W R-METAL	20"

RESISTOR	
TYPE	MARK
Carbon Composition	C
Oxide Metal Film	M
Metal Film	RM
Cement	R-C
Variable Resistor	
Positive Resistor	

CAPAC	TYPE
Ceramic	
Polyester	
Tantalum	
Metal Polyester	
Polypropylene	
Polyester Poly	
Chemical Electro	
Chemical Non-P	

## REPLACEMENT TABLE

	14"	16"	18"	20"
C414	250V 0.47	200V .36(18")		
	250V 0.47	200V .43(20")		
R208	56K-G 1/2 RM	47K-G 1/2 RM		
T444	FCG-1415EL	FCG-2045BL		
R315	270 1W M	510 1W M		
L505	20uH	22uH		
L401	157uH	195uH		
L406	DIE-1492HL	DIE-1992GL		
	DIE-1692HL	DIE-1992GL		
T402	K-20-14	K-10-19		
	3720B22	4720B22		
V999	426GN1X	5120B22		
Q404	2SD1650	2SD1651		

