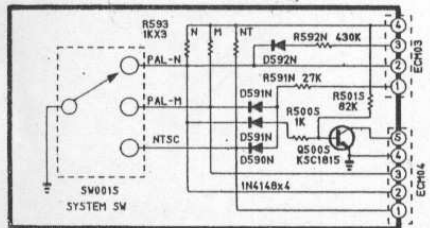
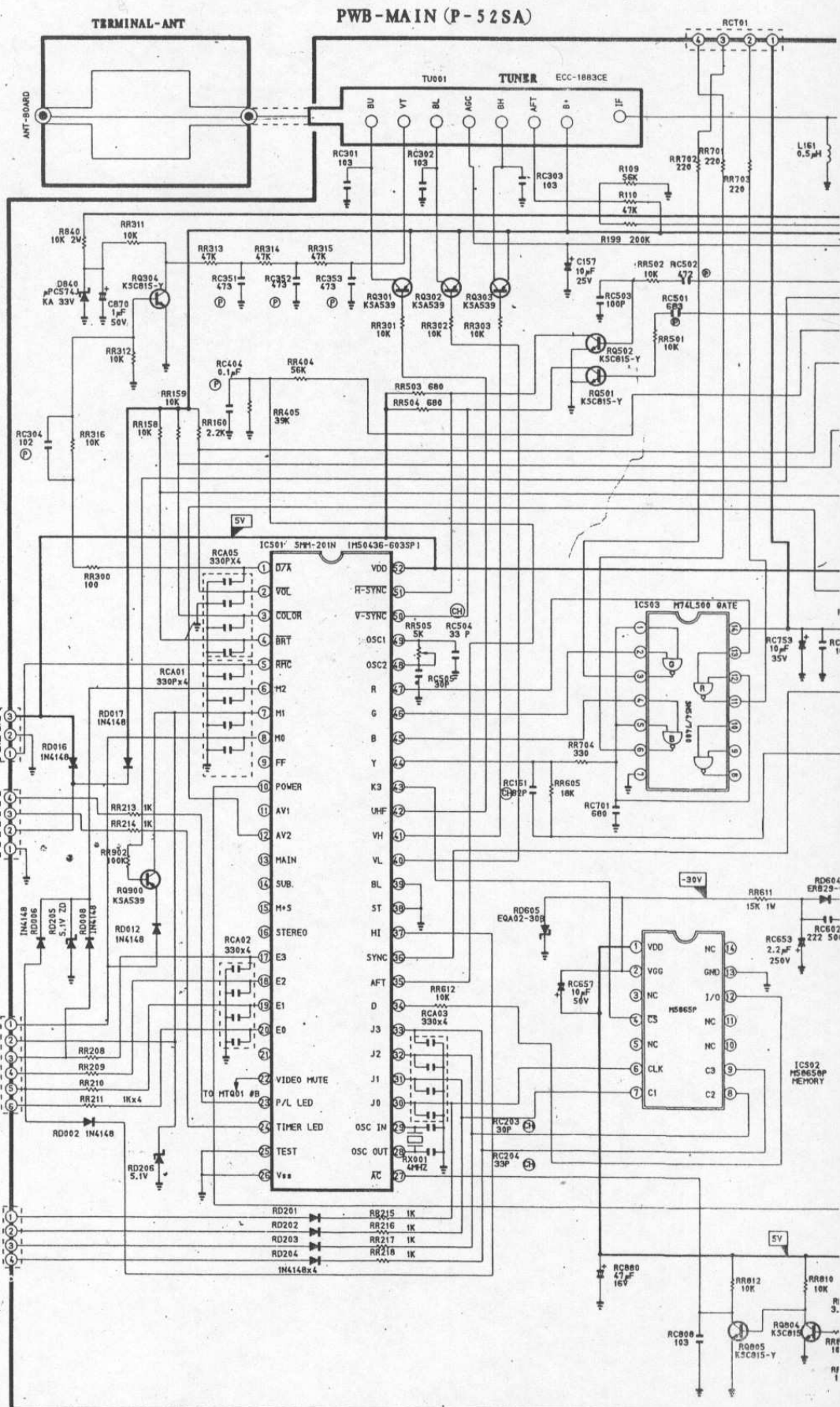
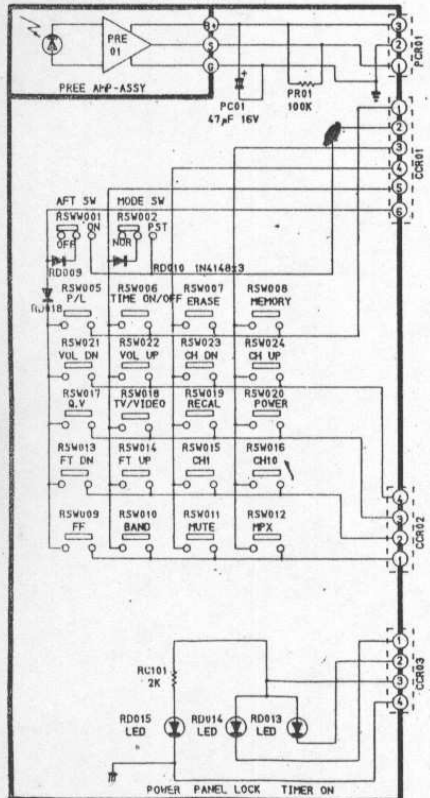


MOD: 20C98 RC

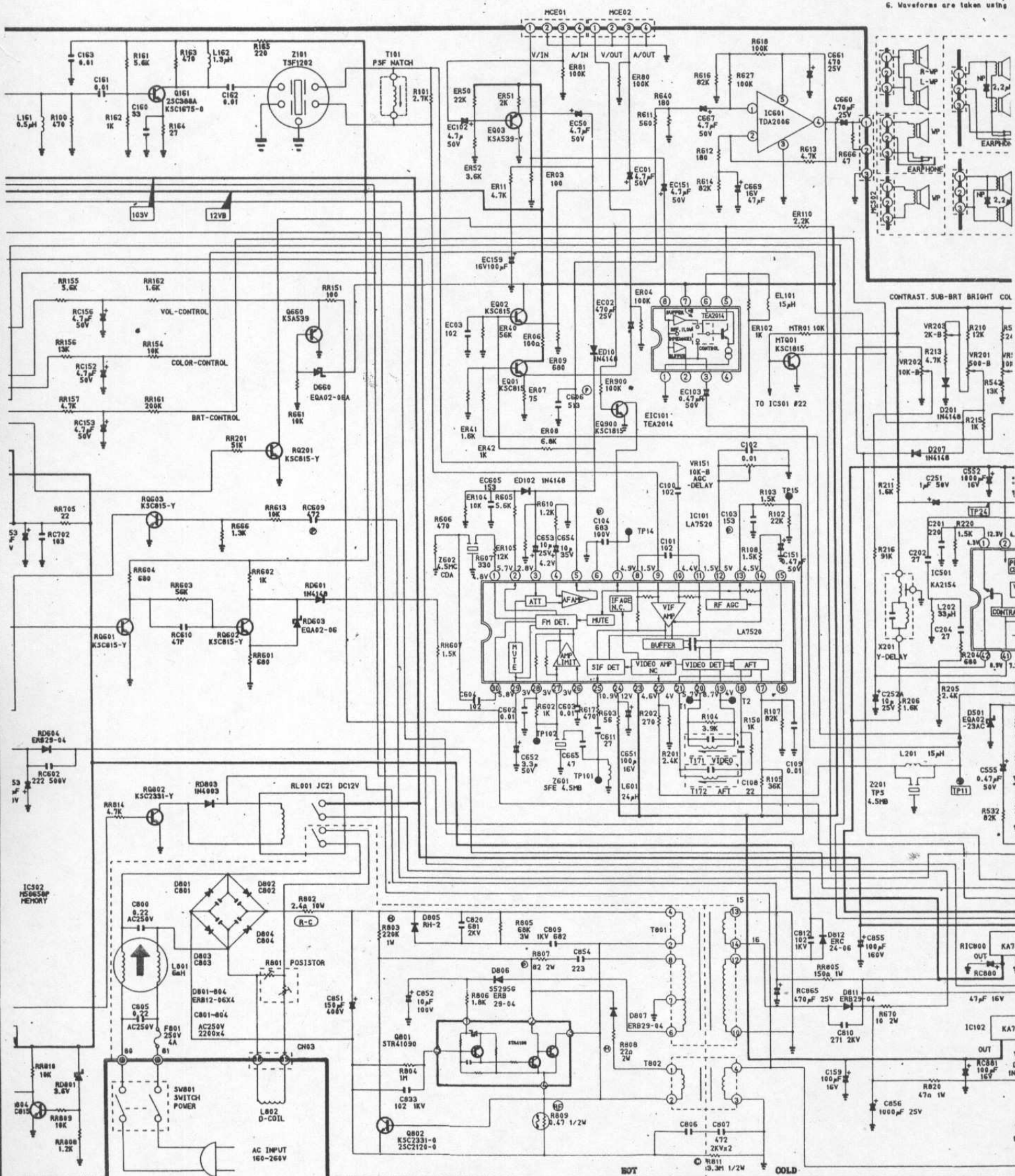


PWB-CONTROL BOARD



OBSERVATION OF VOLTAGE

1. Voltages read with "VTVM" line voltage 220volts color
2. Voltages reading are very
3. The schematic shown is rap
4. All waveforms are taken us
5. Check FINE TUNING, AGC, BR
6. Waveforms are taken using



KA 2919 = LA7520

F VOLTAGES AND WAVEFORMS

With "VTVM" from point shown to chassis ground.
Oscilloscope color bar signal.
1000 Hz, 400 V.
Shown is representative only.
are taken using a wide band oscilloscope and a low capacity probe.
ING. AGC, BRIGHTNESS, CONTRAST, and
for best picture.
taken using a standard color bar signal.

EXPRESSION

1. Resistance is shown in ohms, K = 1,000 M = 1,000,000
2. Unless otherwise noted in schematic all capacitor values less than 1 are expressed in pF, the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values are expressed in mH 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	RESISTOR	INCH
1100 2W R-METAL	14" 16"	
820 2W R-METAL	28"	
1500 2W R-METAL	14" 16"	
1200 2W R-METAL	20"	

RESISTOR

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

CAPACITOR

TYPE	MARK
Ceramic	No Mark
Polyester	P
Tantalum	T
Metal Polyester	MP
Polypropylene	P.P.
Polyester Polypro	DSR
Chemical Electrolytic	200
Chemical Non-Polar	200

REPLACEMENT TABLE

	14" 16"	18" 20"
C414	250V 0.47	200V .36(10")
	250V 0.47	200V .43(10")
R208	56K-0 1/2 RM	47K-0 1/2 RM
T444	FCG-141SEL	FCG-2045BL
R315	270 1W M	510 1W M
L505	20mH	22mH
L401	157mH	195mH
L406	DIE-1492HL	DIE-1992UL
	DIE-1692HL	DIE-1992UL
T402	K-20-14	K-10-19
	3720B22	4720B22
	4200B1X	5120B22
V999		
Q404	2501650	2501651

