■ SCHEMATIC DIAGRAM

1. MAIN & CRT BOARD

IMPORTANT SAFTY NOTES

WHEN SERVICING THIS CHASSIS/MODEL NO CIRCUMSTANCES SHOULD THE ORIGINAL DESIGN BE MODIFIED OR ALTERED WITHOUT PERMISSION FROM THE ZENITH ELECTRONICS CORPORATION. ALL COMPONENTS SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT.
SPECIAL COMPONENTS ARE USED TO PREVENT SHOCK AND FIRE HAZARD. THESE CRITICAL COMPONENTS ARE IDENTIFIED ON THE SCHEMATIC AND PARTS LIST FOR EASY IDENTIFICATION/SCHEMATIC
THIS CIRCUIT DIAGRAM MAY OCCASIONALLY DIFFER FROM THE ACTUAL CIRCUIT USED.THIS IS/IMPLEMENTATION OF THE LATEST SAFTY AND PERFORMANCE CHANGES INTO THE SET IS NOT DELAYED UNTIL THE NEW SERVICE LITERATURE IS PRINTED.

SCHEMATIC DIAGRAM CN-150

1. CAUTION

THE COMPONENT MARKED WITH ★ ON THE SCHEMATIC DIAGRAM WHICH HAVE SPECIAL CHARACTERICS IMPORTANT FOR SAFETY AND SHOULD BE REPLACE ONLY WITH TYPES IDENTICAL TO THOSE IN ORIGINAL CIRCUIT OR SPECIFIED IN THE PARTS LIST. DO NOT DEGRADE THE SAFETY OF THE RECEIVER THROUGH IMPROPER SERVICING.

WARNING:

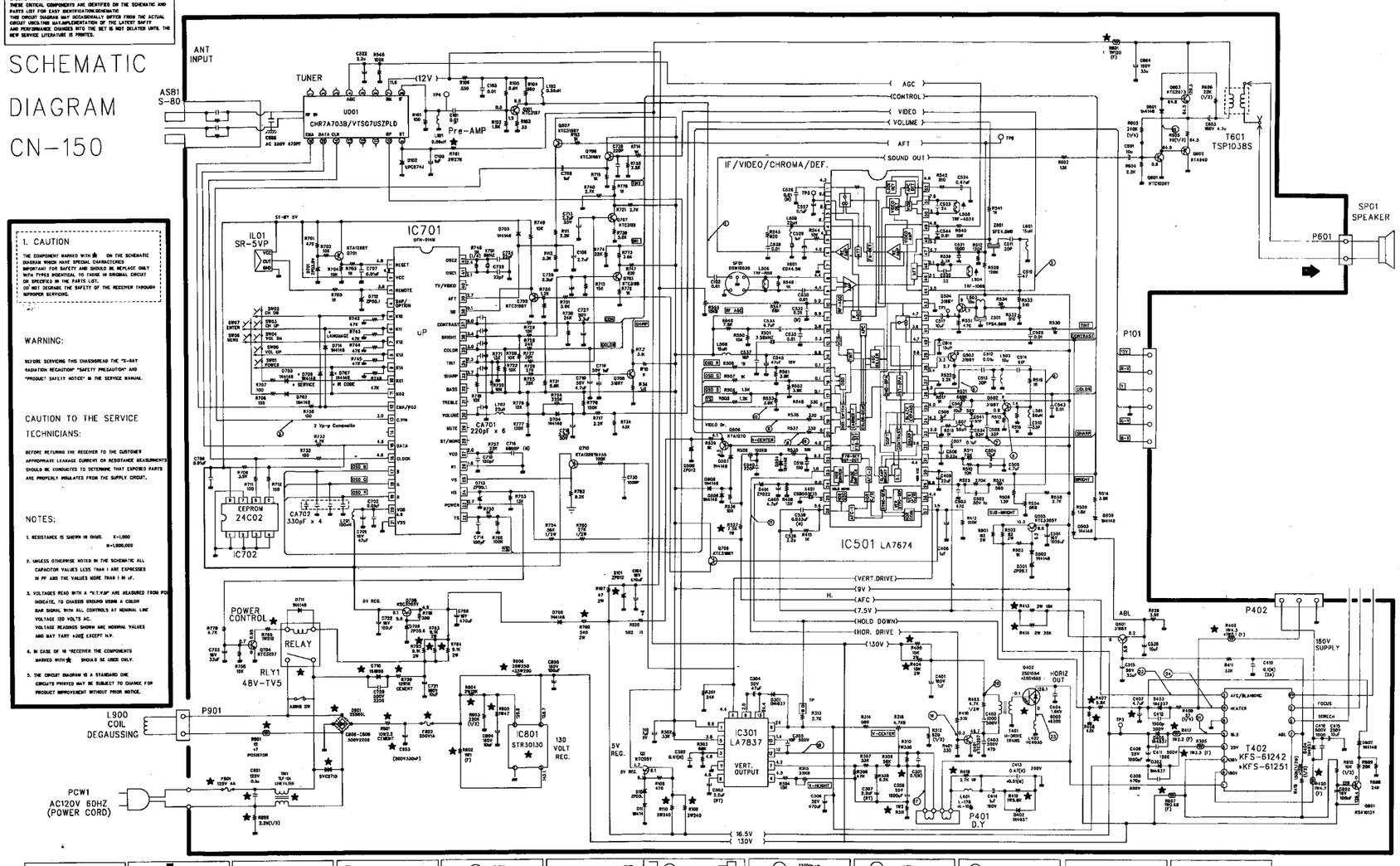
BEFORE SERVICING THIS CHASSIS/READ THE "X-RAY RADIATION PRECAUTION" "SAFETY PRECAUTION" AND "PRODUCT SAFETY NOTICE" IN THE SERVICE MANUAL.

CAUTION TO THE SERVICE TECHNICIANS:

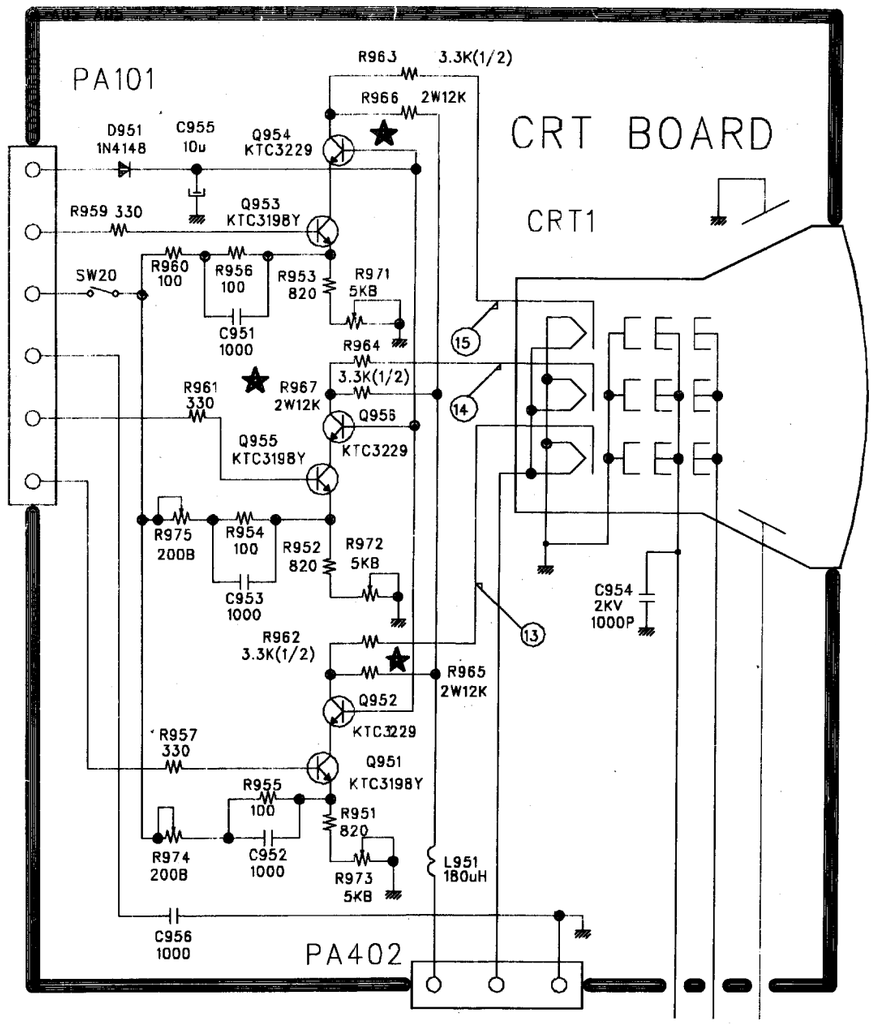
BEFORE RETURNING THE RECEIVER TO THE CUSTOMER APPROPRIATE LEAKAGE CURRENT OR RESISTANCE MEASUREMENTS SHOULD BE CONDUCTED TO DETERMINE THAT EXPOSED PARTS ARE PROPERLY ISOLATED FROM THE SUPPLY CIRCUIT.

NOTES:

1. RESISTANCE IS SHOWN IN OHMS. K=1,000 M=1,000,000
2. UNLESS OTHERWISE NOTED IN THE SCHEMATIC ALL CAPACITOR VALUES LESS THAN 1 ARE EXPRESSED IN PF AND THE VALUES MORE THAN 1 IN uF.
3. VOLTAGES READ WITH A "V.T.V.M" ARE MEASURED FROM POINT INDICATE, TO CHASSIS GROUND USING A COLOR BAR SIGNAL WITH ALL CONTROLS AT NOMINAL LINE VOLTAGE 120 VOLTS AC. VOLTAGE READINGS SHOWN ARE NOMINAL VALUES AND MAY VARY ±20% EXCEPT H.V.
4. IN CASE OF 10 "RECEIVER THE COMPONENTS MARKED WITH ★ SHOULD BE USED ONLY.
5. THE CIRCUIT DIAGRAM IS A STANDARD ONE CIRCUITS PRIVIED MAY BE SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT WITHOUT PRIOR NOTICE.



2. CRT BORAD


PA101
CRT BOARD
CRT1
R963 3.3K(1/2)
R966 2W12K
D951 1N4148
C955 10u
Q954 KTC3229
R959 330
Q953 KTC3198Y
SW20
R960 100
R956 100
R953 820
R971 5KB
C951 1000
R964
R961 330
R967 2W12K
3.3K(1/2)
Q956
KTC3229
Q955 KTC3198Y
R975 200B
R954 100
R952 820
R972 5KB
C953 1000
C954 2KV 1000P
R962 3.3K(1/2)
R965 2W12K
Q952
KTC3229
R957 330
Q951 KTC3198Y
R955 100
R951 820
R974 200B
C952 1000
R973 5KB
L951 180uH
C956 1000
PA402
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3. TRANSMITTER