



**1. CAUTION**  
 \* A \* SYMBOL MARKED PARTS IN THE SCHEMATIC DIAGRAM DESIGNATE THE COMPONENTS WHICH HAVE SPECIAL CHARACTERISTICS IMPORTANT FOR SAFETY AND SHOULD BE REPLACED ONLY WITH TYPES IDENTICAL TO THOSE IN ORIGINAL CIRCUIT R. SPECIFIED IN THE PARTS LIST. DO NOT DEGRADE THE SAFETY OF THE RECEIVER THROUGH IMPROPER SERVICE.

**2. WARNING**  
 BEFORE SERVICING THIS CHASSIS, READ THE "X-RAY RADIATION PRECAUTION" "SAFETY PRECAUTION" AND "WARNING SAFETY NOTICE" IN THE SERVICE MANUAL.

**3. CAUTION TO THE SERVICE TECHNICIANS**  
 BEFORE RETURNING THE RECEIVER TO THE CUSTOMER APPROPRIATE LEAKAGE CURRENT OR RESISTANCE MEASUREMENT SHOULD BE CONDUCTED TO DETERMINE THAT EXPOSED PARTS ARE PROPERLY ISOLATED FROM THE SUPPLY CIRCUIT.

**4. NOTE**  
 RESISTANCE IS SHOWN IN OHMS.  
 (RESISTANCE NOTED IN SCHEMATIC ALL CAPACITOR VALUES LESS THAN 1 pF ARE EXPRESSED IN pF AND THE VALUES MORE THAN 1 mF ARE IN μF.  
 CAPACITORS READ WITH "T" MARK FROM POINT INDICATE TO CHASSIS GROUND USING A FULL WHITE SIGNAL WITH ALL CONTROLS AT NORMAL LINE VOLTAGE 120 VOLTS AC. CAPACITOR RESISTANCE SHOWN ARE NOMINAL VALUES AND MAY VARY 400Ω EXCEPT 4.7KΩ. THIS CIRCUIT DIAGRAM IS A STANDARD ONE. CIRCUITS PRINTED MAY BE SUBJECT TO CHANGE FOR PRODUCT IMPROVEMENT WITHOUT PRIOR NOTICE.

DRAWN	DESIGNED	CHECKED	APPROVED	CHASSIS	STD-3220M
RSH	RSH			FILE NAME	STD-3220M
				ISSUED	1997.03.03
				REVISED	2005.02.04
DESIGNER	200-HYUN, RCH			REV. No.	2.0
				SHEET	1/1
Digital TV Division					SHEET