

EMERSON RADIO

Models 501, 502, 503, and 504.

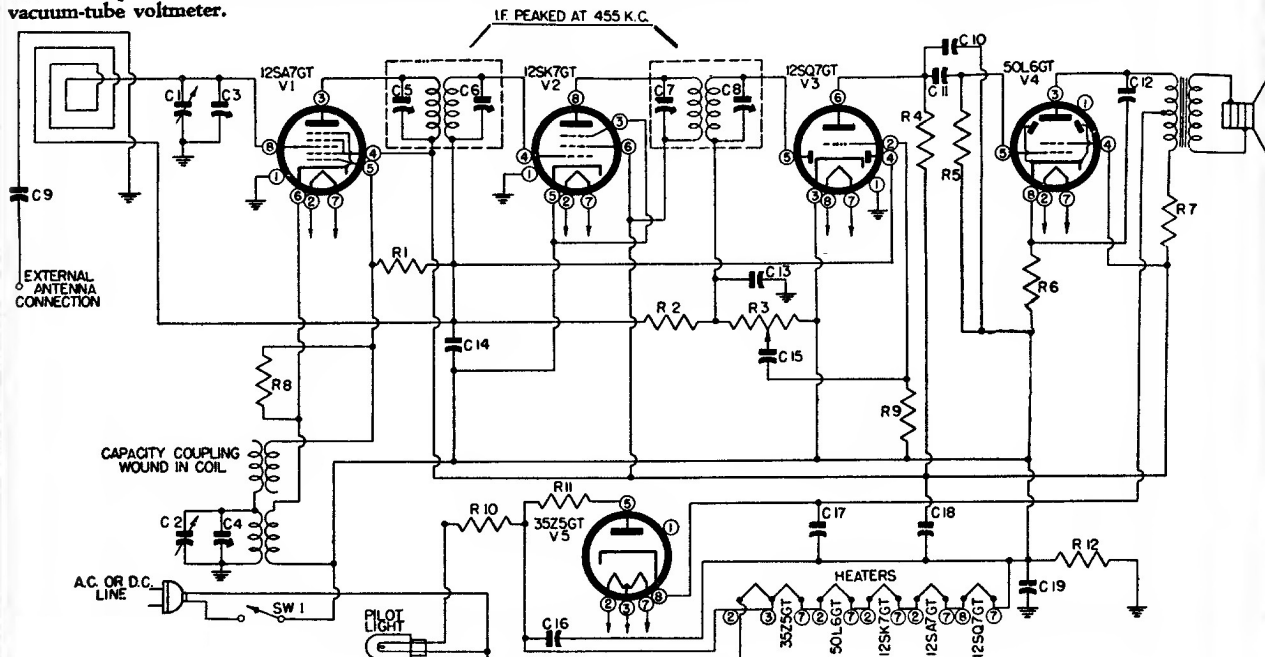
CHASSIS MODELS: 120000, 120029

Schematic Symbol	Part No.	DESCRIPTION
C1, C2	900160	Two-gang variable condenser (120029 chassis)
C3		Trimmer, part of variable condenser
C4		Trimmer, part of variable condenser
C5, C6		Trimms, part of first i-f transformer
C7, C8		Trimms, part of second i-f transformer
C9, C15	920010	0.002 mfd., 600 volt condenser
C10	920170	0.001 mfd., 600 volt condenser
C11, C12	920020	0.02 mfd., 400 volt condenser
C13	910000	0.00022 mfd. mica condenser
C14	920040	0.1 mfd., 200 volt condenser
C16	920030	0.05 mfd., 400 volt condenser
C17, C18	925000	30-50 mfd., 150 V. dual dry-electrolytic condenser; C17—30 mfd., C18—50 mfd.
C19	920050	0.2 mfd., 200 volt condenser
L1	700000	Loop antenna, or
L1	700200	Loop antenna
R1, R9	397000	15 meg., 1/4 watt resistor
R2	321330	3.3 meg., 1/4 watt resistor
R3	390010	0.5 meg. volume control
R4, R5	321130	470,000 ohms, 1/2 watt resistor
R6	340290	150 ohms, 1/2 watt resistor
R7	370490	1000 ohms, 1 watt resistor
R8	310810	22,000 ohms, 1/4 watt resistor
R10	340010	10 ohms, 1/2 watt resistor
R11	397040	15 ohms, 1 watt wire-wound resistor
R12	321050	220,000 ohms, 1/4 watt resistor

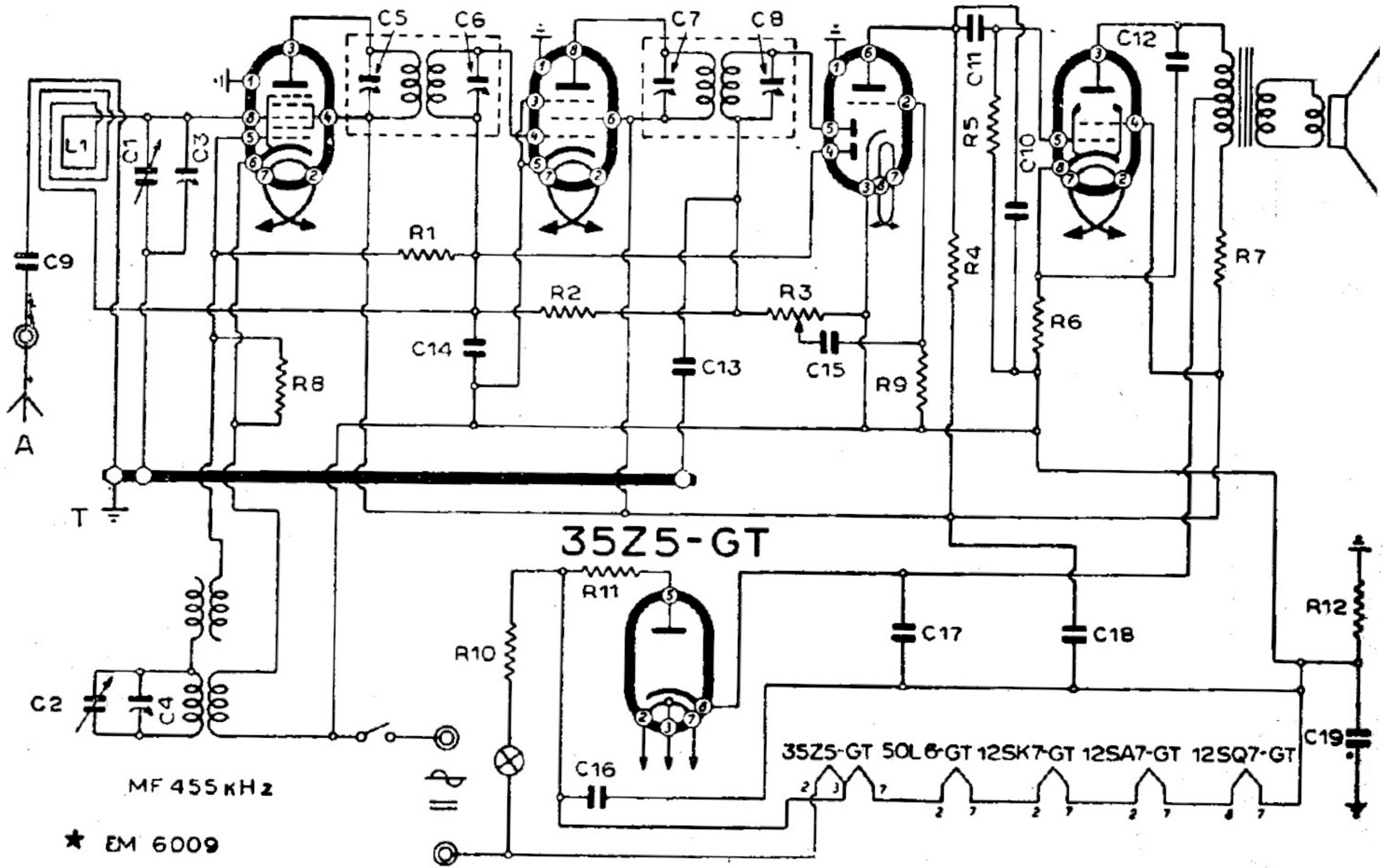
Models: 510, 519, 520,
and Chassis: 120030,
are similar.

	PIN NUMBER							
TUBE	1	2	3	4	5	6	7	8
12SA7			89	89	*-10			*-1.6
12SK7				*-1.6		89		89
12SQ7		*-0.7		*-1.6	-0.5	37.5		
50L6GT			110	89				6.2
35Z5GT				116		116		117

The following voltage readings are d-c measurements taken from B— (line switch) in the indicated tube-socket pin. 1000 ohms-per-volt meter should be used for all readings except those indicated by an asterisk (*), which should be taken with a vacuum-tube voltmeter.



12SA7-GT 12SK7-GT 12SQ7-GT 50L6-GT



EMERSON - MOD. « 519 »