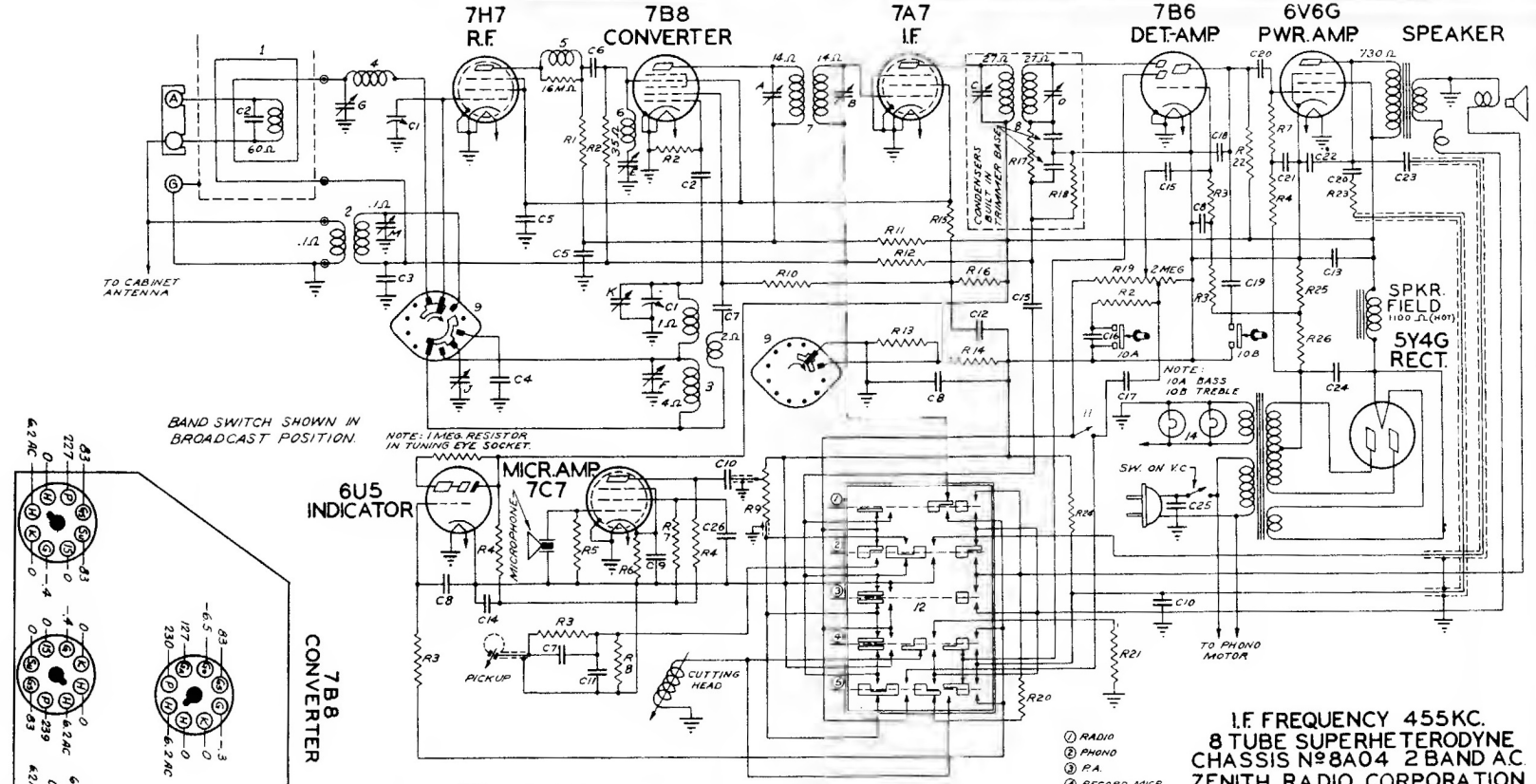

Circuit Diagram
Models 8S593-8S594
Chassis No. 8A04

- ① RADIO
- ② PHONO
- ③ P.A.
- ④ RECORD MICR.
- ⑤ RECORD RADIO

NOTE: ALL BUTTONS SHOWN IN NON-OPERATED POSITION.

I.F. FREQUENCY 455KC.
8 TUBE SUPERHETERODYNE
CHASSIS Nº 8A04 2 BAND A.C.
ZENITH RADIO CORPORATION
CHICAGO, ILL.

DIAG. Nº	PART Nº	DESCRIPTION		DIAG. Nº	PART Nº	DESCRIPTION		DIAG. Nº	PART Nº	DESCRIPTION		DIAG. Nº	PART Nº	DESCRIPTION
C1	22-1044	TWO GANG VARIABLE		C23	22-1119	.005 MFD.	1000V	R17	63-713	47M OHM	½ W.	10	58531	TONE CONTROL SWITCH
C2	22-289	.50 MMFD.	600V	C24	22-1036	14 MFD ELECTROLYTIC	450V	R18	63-719	470 M OHM	½ W.	11	85-134	NORMAL-BRILLIANT SWITCH
C3	22-829	.05 MFD.	200V	C25	22-1041	.005 MFD	600V	R19	63-1123	VOLUME CONTROL		12	85-259	RECORDER UNIT CONTROL SW.
C4	22-1022	.005 MFD.	600V	C26	22-625	.1 MFD.	400V	R20	63-1105	6 OHM WIREWOUND	2 W.	13	95-756	POWER TRANS 117V. 50-60~
C5	22-828	.05 MFD.	400V					R21	63-1139	8 OHM	5 W.	14	100-36	PILOT LIGHT 6.3 V. 25 A.
C6	22-162	.0001 MFD.	600V					R22	63-296	220 M OHM	½ W.			
C7	22-182	.00025 MFD.	600V	R1	63-637	4700 OHM	½ W.	R23	63-778	470 M OHM	½ W.			
C8	22-827	.1 MFD.	200V	R2	63-593	47M OHM	½ W.	R24	63-790	4.7 MEGOHM	½ W.			
C9	22-1069	20 MFD. ELECTROLYTIC	25V	R3	63-271	1 MEGOHM	½ W.	R25	63-1066	18 OHM WIREWOUND	½ W.	A		1ST I.F. TRANS PRI.
C10	22-492	.002 MFD.	600V	R4	63-595	100 M OHM	½ W.	R26	63-1063	140 OHM	1 W.	B		1ST I.F. " SEC.
C11	22-887	.001 MFD.	600V	R5	63-602	4.7 MEGOHM	½ W.					C		2ND I.F. " PRI
C12		5 MFD ELECTROLYTIC	450V	R6	63-238	1000 OHM	½ W.					O		2ND I.F. " SEC
C13	22-1099	20 MFD. "	450V	R7	63-597	470 M OHM	½ W.					E	22-1015	WAVE TRAP
C14		5 MFD. "	250V	R8	63-650	68 M OHM	½ W.	1		WAVE MAGNET ASSEMBLY		F	22-959	BROADCAST OSC.
C15	22-188	.02 MFD.	400V	R9	63-1146	VOLUME CONTROL		2	58507	ANTENNA COIL "		G	22-1042	BROADCAST ANT.
C16	22-1118	.005 MFD.	600V	R10	63-150	10 M OHM	½ W.	3	58922	OSCILLATOR COIL "		J	22-1023	BROADCAST PADDER
C17	22-954	.00035 MFD.	600V	R11	63-583	1000 OHM	½ W.	4	58474	LOOP LOADING COIL "		M	22-1042	SHORT WAVE ANT
C18	22-854	.0005 MFD.	600V	R12	63-599	1.5 MEGOHM	½ W.	5	58359	COIL & RES. ASSEMBLY				
C19	22-448	.004 MFD.	600V	R13	63-624	68 OHM	½ W.	6	59326	WAVE TRAP "				
C20	22-830	.02 MFD.	600V	R14	63-1098	42 OHM WIREWOUND	½ W	7	95-138	1ST I.F. TRANSFORMER				
C21	22-327	.02 MFD.	200V	R15	63-1102	15 M OHM	½ W	8	95-761	2ND I.F. "				
C22	22-790	.004 MFD.	1000V	R16	63-1101	8200 OHM	2 W	9	85258	BAND SELECTOR SWITCH				