

MODELS 6S203, 6S222, 6S223
6S229, 6S239, 6S241

ZENITH RADIO CORP.

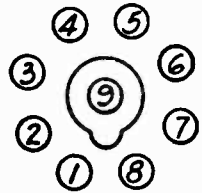
Chassis 5638

Voltage, Alignment

Socket, Trimmers

SOCKET VOLTAGES

Tube	Position	1	2	3	4	5	6	7	8	9
6A8	Converter Osc.	0	6.1	245	83	-9	200	0	0	-1
6K7	I.F.	0	6.1	247	83	0	—	0	0	-1
6H6	2nd Det. AVC	0	0	-2	-2	-2	—	6.1	-2	—
6F5	1st Audio	0	0	—	114	—	—	6.1	-2	-2
6F6	Power	0	0	231	247	-3.5	—	6.1	-2	—
5Y4	Rect.	0	—	AC	—	AC	—	322	322	—



All voltages measured from point indicated to ground using a 1000 Ohm per Volt meter, antenna and ground disconnected. Line voltage 117V. Consumption 65W. Power Output 4.5W. FOR PHONO. DATA, SEE INDEX

BOTTOM VIEW OF SOCKET

ALIGNMENT PROCEDURE

Operation	Connect Test Oscillator to—	Dummy Antenna	Set Test Osc. to	Band	Set Dial At	Adjust Trimmers	Purpose
1	1st Det. Grid	1/2 Mmfd.	456	Br'dc't	600	ABCD	I. F. Alignment
2	Rec. Ant. Post	200 Mmfd.	456	"	600	E	See Note
3	" " "	200 Mmfd.	1500	"	1500	F	Set Osc. to Scale
4	" " "	200 Mmfd.	1500	"	1500	G	Al'gment of Ant.
5	" " "	200 Mmfd.	600	"	600	J	Rock gang & adj. for max. output
6	" " "	200 Mmfd.				FG	Repeat 3 & 4
7	" " "	400 Ohms	18000	S.W.	18000	K	Set Osc. to Scale
8	" " "	400 Ohms	16500	S.W.	16500	L	Rock gang & adj. for max. output
9	" " "	400 Ohms	5500	Police	5500	N	Rock gang & adj. for max. output

NOTE: If receiver is used in a location subject to code interference adjust wave trap (E) for minimum interference with antenna connected and receiver operating in broadcast band.

LOCATION OF TRIMMERS

