

VOLTAGE CHART

CH-136

CHART A

TUBE NO	TUBE TYPE	FUNCTION	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9
V101	5Y3	RECTIFIER	NC	+320	—	310 AC	—	310 AC	—	+320	—
V102	0A2	VOLTAGE REGULATOR	+150	GND	NC	GND	+150	NC	GND	—	—
V201	6AH6	RF AMPLIFIER	-.5	GND	6.3 AC	GND	+255	+145	+1.7	—	—
			1.4 RF				32 RF			—	—
V202	6AQ5	POWER AMPLIFIER	-28	+5	6.3 AC	GND	+255	+230	-28	—	—
			32 RF				180 RF			32 RF	—

CHART B

TUBE NO	TUBE TYPE	FUNCTION	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9
V203	6BE6	MIXER	-11	GND	6.3 AC	GND	+40	+40	-.2	—	—
			7 RF						.75 RF	—	—
V204	12AU7	AUDIO AMPLIFIER	+25	-.8	GND	6.3 AC	6.3 AC	+45	-1.5	GND	GND
V301	6C4	MASTER OSCILLATOR	+120	NC	6.3 AC	GND	+120	-3.3	+1.3	—	—
V302	12AU7	CATHODE FOLLOWER & XTAL OSCILLATOR	+150	+2	+5.2	6.3 AC	6.3 AC	+75	-12	+7	GND
				3 RF	1.4 RF			17.5 RF	18 RF	8.2 RF	

NC= NO CONNECTION

ALL CONDITIONS WHICH ARE LISTED BELOW APPLY TO BOTH CHARTS "A" & "B" EXCEPT WHERE MARKED "A" & "B" ONLY.

ALL VOLTAGES ARE "DC", EXCEPT THOSE MARKED "RF" OR "AC", ALL MEAS. TO GND.

1. LINE VOLTAGE: 110V AT 60 CPS.
2. FUNCTION SW.: CHART "A" ONLY-"EXCITER"
CHART "B" ONLY-"CAL"
3. AMPL. PLATE SW: "ON"
4. M.O. APPROX. FREQ.: 2,022,000 CPS
5. J-203 IS TERMINATED WITH 72 Ω RESISTIVE LOAD, 10W RATING
6. THE "OUTPUT CONTROL" SET AT MAX. OUTPUT
7. CHART "A" ONLY: BANDSWITCH SET AT "2-4" MCS. TUNING CONTROL ADJUSTED FOR MAX. BRIGHTNESS ON "TUNING INDICATOR".
8. VOLTMETER USED: HIGH IMPEDANCE, LOW INPUT CAPACITANCE SUCH AS HEWLETT PACKARD 610B OR EQUIVALENT.

A.T.S.