Figure 12 VOLTAGE CHART

Pin	Type	1	2	3	4	5	6	7	8	9
V1	6EA8	123	-3.65	127	0	6.3*	258	2.85	2.85	-2.85
V2	12AV6	0 -1.5	9.1 0	12.6*	0	0 -2.26	0 -2.26	255 149		
V3	6EA8	165 150	0	72 145	6.3*	0	255 245	3.7 149	20 19	19 18.5
V4	6HS6	0	0	0	6.3*	250 235	155 145	155 2.7		
V5	12BA6	-39.5 0	1.1 49.5	12.6*	0	56 146	66 150	1.1 49.5		
V6	12BY7	155 3.1	0	0	0	12.6*	6.3*	265 240	265 155	0
V7	12BA6	-.06	0	12.6*	0	254 235	87 104	1.16 146		
V8	6JB6	265 205	-58 -52	155 3.5	6.3*	12.6*	-58 -52	265 205	0	155 1.4
V9	6JB6	265 205	-58 -52	155 3.5	6.3*	12.6*	-58 -52	265 205	0	155 1.4
V10	6JB6	265 205	-58 -52	155 3.5	6.3*	12.6*	-58 -52	265 205	0	155 1.4
V11	12BA6	-.07	0	12.6*	0	250 240	90 105	1.1 145		
V12	12BA6	-.07	0	12.6*	0	250 245	90 145	136 146		
V13	12AX7	-.16 0	-57 -55	-54 -55	0	0	-.06	-56 -55	-53 -51	6.3*
V14	13DE7	265 255	12	12	12.6*	0	12	-.94	0	61 50
V15	12BA6	-.15 0	0	0	12.6*	265 235	155 89	155 1.55		
V16	6GX6	-2.4 -1.75	4.7	0	6.3*	138 134	146	0		
V17	6AQ5	0	7.5 7	0	6.3*	255 235	155 150	0		
V18	12AX7	89 85	-.92	0	0	12.6*	127 117	0	1.3 1.2	6.3*
V19	6EV7	265 205	-4 -1	0	6.3*	0	105 93	0	1.36 1.26	T.P.
V20	OA2	150	0	0	0	150	0	0		

Note: All measurements were made with an 11 megohm VTVM and were taken from ground. RF TUNE, PLATE, and LOAD controls were set as described under tuning procedure. BAND switch was on 40 meters, MAIN TUNING was at 7.250 mc and SIDEBAND was on "X". Receive measurements were made with the FUNCTION switch in the CAL position and TRANSMIT switch in the X-CW position with the exception of V-14. In this stage X-AM was used for both receive and transmit measurements and PTT was grounded for transmit. The AC-3 power supply was used. Where two voltages are shown, the top is for receive and the bottom is for transmit. An * indicates AC voltage.