

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

NC - No Connection  
NA - Not Applicable

V O L T A G E C H A R T S B S - 1 & S B S - 8

CH-215

TUBE SYMBOL	FUNCTION	TYPE	PIN 1 VOLTS	PIN 2 VOLTS	PIN 3 VOLTS	PIN 4 VOLTS	PIN 5 VOLTS	PIN 6 VOLTS	PIN 7 VOLTS	PIN 8 VOLTS	PIN 9 VOLTS
V6200	Mixer	5814A	+190/0.3VAC	0	+10.50/7.5AC	6.3VAC	6.3VAC	+190/0.3VAC	0	+10.5/0.75AC	0
V6201	250 KC Ampl	6BA6	0	+1.65	6.3AC	0	+185	+58	+1.65	NA	NA
V6202A	Osc.	1/2 6AW8	+2.8 / 3.3AC	-1.0 / 5.0AC	+125	6.3AC	0	NA	NA	NA	NA
V6202B	Ampl	1/2 6AW8	NA	NA	NA	6.3AC	0	+1.85 / 0.45AC	0.74AC	+105	+140 / 7.5AC
V6203A	250 KC Osc	1/2 6AW8	+0.42 / 6.0AC	-1.0 / 6.0AC	+125	6.3AC	0	NA	NA	NA	NA
V6203B	250 KC Ampl	1/2 6AW8	NA	NA	NA	6.3AC	0	+2.1 / 0.35AC	-0.74 / 0.58AC	+80	+125 / 10.5AC
V6204	Chan A Ampl	6BA6	0	+2.7	6.3AC	0	+175 / 1.2AC	+120	+2.7	NA	NA
V6205	Chan B Ampl	6BA6	0	+2.9	6.3AC	0	+170 / 1.0AC	+120	+2.9	NA	NA
V6206	AGC Comparator	12AX7	+200	0	+1.6	6.3AC	6.3AC	+200	0	+1.8	0
V6000	Product Det Chan A	5814A	+60 / 1.5AC	0.8AC	+1.75	3.0AC*	3.0AC*	+60 / 1.5AC	0.8AC	+1.75	3.3AC*
V6001A	1st Audio Ampl Ch A	1/2 12AX7	NA	NA	NA	3.0AC*	3.0AC*	+95	-0.1	+0.45	3.3AC*
V6001B	2nd Audio Ampl Ch A	1/2 12AX7	+125	0	+0.75	3.0AC*	3.0AC*	NA	NA	NA	3.3AC*
V6002A	3rd Audio Ampl Ch A	1/2 12AX7	NA	NA	NA	3.0AC*	3.0AC*	+170	0	+0.95	3.3AC*
V6002B	Phase Inverter Ch A	1/2 12AX7	+190	+13	+16	3.0AC*	3.0AC*	NA	NA	NA	3.3AC*
V6003	Power Ampl Chan A	6AK6	0	+10	3.0AC*	3.3AC*	+200 / 1.0AC	+200	+10	NA	NA
V6004	Power Ampl Chan A	6AK6	0	+10	3.0AC*	3.3AC*	+198 / 1.0AC	+200	+10	NA	NA
V6005	Product Det Chan B	5814A	+61 / 1.3AC	0.8AC	+1.8	3.0AC#	3.0AC#	+61 / 1.3AC	0.8AC	+1.8	3.3AC#
V6006A	1st Audio Ampl Ch B	1/2 12AX7	NA	NA	NA	3.3AC#	3.3AC#	+95	0	+0.55	3.0AC#
V6006B	2nd Audio Ampl Ch B	1/2 12AX7	+125	0	+0.68	3.3AC#	3.3AC#	NA	NA	NA	3.0AC#
V6007A	3rd Audio Ampl Ch B	1/2 12AX7	NA	NA	NA	3.3AC#	3.3AC#	+170	0	+1.0	3.0AC#
V6007B	Phase Inverter Ch B	1/2 12AX7	+190	+15	+17	3.3AC#	3.3AC#	NA	NA	NA	3.0AC#
V6008	Power Ampl Chan B	6AK6	0	+10	3.3AC#	3.0AC#	+198 / 1.3AC	+200	+10	NA	NA
V6009	Power Ampl Chan B	6AK6	0	+10	3.3AC#	3.0AC#	+198 / 1.0AC	+200	+10	NA	NA

CONDITIONS:

- Both detection switches in SSB position.
- AFC switch in Off position.
- Both AGC response switches in Fast position.
- IF bandwidth KC switch (Channel A) in 7.5 KC LSB position.
- IF bandwidth KC switch (Channel B) in 7.5 KC USB position.
- AGC selector switch in Ch-A-B position.
- Monitor gain control in 0 position.
- AGC manual control fully CW.
- Line voltage of 110@60 CPS.
- Power switch in On position.
- Voltage measurements taken under the above operating conditions with no audio or RF external inputs.
- Hewlett Packard model 410 BR VTVM used for measurements.
- All voltages taken with respect to chassis ground.

\* Voltage dependent upon setting of R6036

# Voltage dependent upon setting of R6073

B	SPECS. V6200 REVISED, SSB-BADDED	12/10/62	15385	AVV	AVV	AVV
A	ON V6000 & V6005 VOLTAGE CHART, TYPE & PINS CLARIFIED	1-29-63	8086	G.D.L.	G.D.L.	G.D.L.
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED:		SCALE:		SBS-8		
DIMENSIONS ARE IN INCHES		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.		SBS-1		
TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°		REMOVE ALL BURRS AND SHARP EDGES		REQ. PER UNIT	MODEL	SECTION
				ASS'Y. NO.	DATE	USED ON

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
VOLTAGE CHART SBS-1 / SBS-8				
MATERIAL				
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED
			RUZZO	AVV
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	FINAL APPROVAL
				CH-215