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NC - No Connection
NA - Not Applicable

VOLTAGE CHART SBS-7

CH358

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	+190/0.3AC	0	+105/0.75AC	6.3AC	6.3AC	+190/0.3AC	0	+105/0.75AC	0
V6201	205 KC Ampl	6BA6	0	+1.65	6.3AC	0	+185	+58	+1.65	NA	NA
V6202A	Osc.	1/2 6AV8	+2.8 / 3.3AC	-1.0 / 5.0AC	+125	6.3AC	0	NA	NA	NA	NA
V6202B	Ampl	1/2 6AV8	NA	NA	NA	6.3AC	0	+1.85 / 0.45AC	0.74AC	+105	+140 / 7.5AC
V6203A	205 KC Osc	1/2 6AV8	+0.42 / 6.0AC	-1.0 / 6.0AC	+125	6.3AC	0	NA	NA	NA	NA
V6203B	205 KC Ampl	1/2 6AV8	NA	NA	NA	6.3AC	0	+2.1 / 0.35AC	-0.74 / 0.58AC	+80	+125 / 10.5AC
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 POSITION.
- IF bandwidth KC switch (Channel B) in 7.5 KC 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

Ø	ORIGINAL RELEASE	11-63	Ø	XXV.		
X2	Voltage Chg. on V6200, Function chg. on V6203A, V6203B; 5814A was 6BA	10-7-65		ALA		
X1	V6204 & V6205 DELETED	7-8-64	2			
X	EXPER. RELEASE	5-27-64	1			
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
UNLESS OTHERWISE SPECIFIED:		SCALE:				
DIMENSIONS ARE IN INCHES		SBS-7				
TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
		REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
						5-27-64
		USED ON				

REQ.	ITEM	PART NO.	O. POSE	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK NEW YORK					
STOCK SIZE					
CHART, VOLTAGE					
MATERIAL					
		TYPE & TEMPER		HEAT TREAT. SPEC.	
		DRAWN		CHECKED	FINAL APPROVAL
		FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
				CH358	