

CH-155

TUBE VOLTAGES

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS								
			1	2	3	4	5	6	7	8	9
V1	6BA6	IF AMPL.	-0.5	1.7	3.3*	3.3*	250	100	1.7		
V2	6BE6	1 ST MIXER	-10	2.2	3.3*	3.3*	200	60	0		
V3	12AU7	AVC AMPL 17 KC OSC.	140	-35	0	3.3*	3.3*	120	0	3.5	3.3*
V4	6AG5	1 ST OSC.	-12	0	3.3*	3.3*	100	90	0		
V5	6BE6	2 ND MIXER	-10	0.6	3.3*	3.3*	160	65	0		
V6	6AL5	NOISE LIMITER	0	0	3.3*	3.3*	0.8	NC	-0.8		
V7	5Y3	RECTIFIER	NC	280	NC	-5	NC	-5	NC	280	
V8	0A2	REGULATOR	150	NC	NC	0	NC	NC	NC		
V9	12AT7	1 ST AUDIO	NC	NC	NC	3.3*	3.3*	100	0	0.8	3.3*
V10	6AQ5	AUDIO OUTPUT	0	10	3.3*	3.3*	200	200	NC		

* = AC VOLTAGES

NC = NO CONNECTION

TUBE RESISTANCES

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS								
			1	2	3	4	5	6	7	8	9
V1	6BA6	IF AMPL.	3M	220	90	90	100K	100K	220		
V2	6BE6	1 ST MIXER	22K	220	90	90	100K	100K	470K		
V3	12AU7	AVC AMPL 17 KC OSC.	100K	100K	1	90	90	100K	470K	680	90
V4	6AG5	1 ST OSC	100K	0.5	90	90	100K	100K	0.5		
V5	6BE6	2 ND MIXER	47K	120	90	90	100K	100K	15K		
V6	6AL5	NOISE LIMITER	200K	200K	90	90	2.2M	NC	2.2M		
V7	5Y3	RECTIFIER	NC	100K	NC	130	NC	130	NC	100K	
V8	0A2	REGULATOR	300K	NC	NC	0	NC	NC	NC		
V9	12AT7	1 ST AUDIO	NC	NC	NC	90	90	100K	1M	220	90
V10	6AQ5	AUDIO OUTPUT	470K	300	90	90	100K	100K	NC		

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MAMARONECK, NEW YORK

CONDITIONS:

1. LINE - 115 VOLTS, 60 CPS.
2. AF GAIN CONTROL FULL CW.
3. AM/SSB SWITCH - SSB.
4. UPPER/LOWER SIDEBAND SWITCH - UPPER.
5. BANDSPREAD - ZERO
6. AVC ON/OFF SWITCH - ON.
7. ALL MEASUREMENTS TAKEN WITH RESPECT TO GROUND USING A HEWLETT PACKARD MODEL 410B VTVM OR EQUIVALENT.

K = THOUSAND
M = MILLION

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES							
SCALE:							
DEC. DIM. ±							
FRAC. DIM. ±							
ANGULAR DIM. ±							
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES							

1	SSB-1	MARK II			
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE	USED ON

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
VOLTAGE & RESISTANCE CHARTS			
MODEL GSB (MARK II)			
MATERIAL		DRAWN	
TYPE & TEMPER		HEAT TREAT. SPEC.	
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.	

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