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MAMARONECK, NEW YORK

TUNING DRAWER VOLTAGES

FFRD-1,2,3 TUNING DRAWERS
TUNING CONTROL AT 75 KCS, 150 KCS, 300 KCS

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS								
			1	2	3		4		5	6	7
					DC	AC	DC	AC			
V100	6AG5	1ST RF AMP	-0.2	+0.6	+6.3	6.0*	+6.3	6.0*	+130	+50	+0.6
V101	6AG5	2ND RF AMP	-0.2	+0.6	+6.3	6.0*	+6.3	6.0*	+130	+50	+0.6
V102	6AU6	MIXER	0	0	+6.3	6.0*	+6.3	6.0*	+240	+240	+9.0
V103	6AG5	HFO REACT MOD	0	+3.5	+6.3	6.0*	+6.3	6.0*	+100	+130	+3.5
V104	6AG5	HFO OSC	-7.0	+0.5	+6.3	6.0*	+6.3	6.0*	+85	+75	+0.5

TUBE NUMBERS ARE KEYED TO BAND 1.

CH-151-1

FFRD-3M TUNING DRAWER
TUNING CONTROL AT 500 KCS

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS								
			1	2	3		4		5	6	7
					DC	AC	DC	AC			
V1	6AG5	1ST RF AMP	-0.2	+1.2	+6.3	6.0*	+6.3	6.0*	+250	+100	+1.2
V2	6AG5	2ND RF AMP	-0.2	+1.2	+6.3	6.0*	+6.3	6.0*	+250	+100	+1.2
V3	6AU6	MIXER	0	0	+6.3	6.0*	+6.3	6.0*	+250	+250	+9.0
V4	6AG5	HFO REACT MOD	0	+5.3	+6.3	6.0*	+6.3	6.0*	+75	+130	+5.3
V5	6AG5	HFO OSC	-3.0	+0.5	+6.3	6.0*	+6.3	6.0*	+65	+80	+0.5

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TUNING DRAWER RESISTANCES

FFRD-1,2,3 TUNING DRAWERS

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS						
			1	2	3	4	5	6	7
V100	6AG5	1ST RF AMP	2M	220Ω	6.8K	6.8K	55K	100K	220Ω
V101	6AG5	2NDRF AMP	1.5M ^x	220Ω	6.8K	6.8K	55K	100K	220Ω
V102	6AU6	MIXER	100K	0	6.8K	6.8K	70K	70K	24K
V103	6AG5	HFO REACT MOD	1.5M	2.7K	6.8K	6.8K	70K	70K	2.7K
V104	6AG5	HFO OSC	22K	120Ω	6.8K	6.8K	60K	60K	120Ω

TUBE NUMBERS ARE KEYED TO BAND 1.

CH-151-3

FFRD-3M TUNING DRAWER

TUBE	TYPE	FUNCTION	SOCKET PIN NUMBERS						
			1	2	3	4	5	6	7
V1	6AG5	1STRF AMP	2M	220Ω	6.8K	6.8K	28K	82K	220Ω
V2	6AG5	2NDRF AMP	2M	220Ω	6.8K	6.8K	28K	82K	220Ω
V3	6AU6	MIXER	3Ω	0	6.8K	6.8K	68K	68K	24K
V4	6AG5	HFO REACT MOD	1.4M	2.7K	6.8K	6.8K	65K	75K	2.7K
V5	6AG5	HFO OSC	22K	120Ω	6.8K	6.8K	60K	60K	120Ω

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x ON THE FFRD-3 ONLY, THIS READING IS 2 M.

ALL NOTES ON PAGE 4-7 OF THE AN/FFR-49(V) INSTRUCTION BOOK ARE APPLICABLE TO THE ABOVE CHARTS.

ALL NOTES ON PAGE 4-8 OF THE AN/FFR-49(V) INSTRUCTION BOOK ARE APPLICABLE TO THE ABOVE CHARTS.

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE:					
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.					

REQ PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
STOCK SIZE		TUBE SOCKET VOLTAGES AND RES.	
MATERIAL WEIGHT PER PC.		FFRD-1,2,3 & 3M	
TYPE & TEMPER		CDD 6-8-56 P.P.X.	
HEAT TREAT. SPEC.		DRAWN ELEC. DES. APP. MECH. DES. APP.	
FINISH & SPEC. NO.		CHECKED FINAL APPROVAL	
		CH-151	