



Sym.	Description	Sym.	Description	Sym.	Description	Sym.	Description	Sym.	Description	Sym.	Description
C1	cap., disc., .005mfd, 10%	F1	fuse, 5A, slo-blo	J9	Test Ampl.	R7	res., 220K Ω , 1/2W, \pm 10%	R15	res., 68K Ω , 1/2W, \pm 10%	SP1	speaker
C2	cap., disc., .025mfd, 10%	J1	AF Input	J10	VTVM Scope	R8	res., 470K Ω , 1/2W, \pm 10%	R16	res., 1M Ω , 1/2W, \pm 10%	T1	output transformer
C3	cap., disc., .025mfd, 10%	J2	Ground	J11	Wattmeter	R9	res., 330 Ω , 1W, \pm 10%	R17	res., 1M Ω , 1/2W, \pm 10%	T2	power transformer
C4	cap., disc., .025mfd, 10%	J3	RF Input	R1	res., 10M Ω , 1/2W, \pm 10%	R10	res., 1M Ω , 1/2W, \pm 10%	R18	pot., 50K Ω , linear	T3	current transformer
C5	cap., elec., 2x 20/400V 3x 10/350V	J4	Plate (output transformer)	R2	res., 470K Ω , 1/2W, \pm 10%	R11	res., 47 Ω , 1/2W, \pm 10%	R19	res., 1M Ω , 1/2W, \pm 10%	V1	tube, 12AX7
C6	cap., molded, .25mfd-400V	J5	B+ (output transformer)	R3	res., 100K Ω , 1/2W, \pm 10%	R12	res., 560K Ω , 1/2W, \pm 10%	R20	res., 470K Ω , 1/2W, \pm 10%	V2	tube, 6AQ5
CR1	rectifier, 1N48	J6	Plate (output transformer)	R4	res., 220K Ω , 1/2W, \pm 10%	R13	res., 1K Ω , 5W, \pm 10%	S1	Input Selector	V3	tube, 6X4
CR2	rectifier, 1N48	J7	Test Speaker	R5	pot., 500K Ω audio taper	R14	res., 47K Ω , 1/2W, \pm 10%	S2	Output Selector	V4	tube, 1629
		J8	Ground	R6	res., 2.2K Ω , 1/2W, \pm 10%						



MODEL 147 A

SIGNAL TRACER

