



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



MODEL 147 A

SIGNAL TRACER

