

# THE DWAMP

		Measured	Calculated		
		Line		232 V AC	
		Heaters		6,3 V AC	
		Heaters V8		6,2 V AC	
V8	EZ80	Pin 1	Anode	289 V AC	
		Pin 7	Anode	295 V AC	
		Pin 3	Cathode	310 V DC	
			100mA Choke	I Choke	104 Ohm 74 mA
			Voltage across choke		9,2 V AC 89 mA
HT		B+1	OT V5	302 V DC	
			R B+2	I (R B+2)	327,4 Ohm 40 mA
		B+2	B+3 - B+8	289 V DC	
			R B+3	I (R B+3)	329 Ohm 24 mA
		B+3	OT V6	281 V DC	
			R B+4	I (R B+4)	9990 Ohm 5 mA
		B+4	G2 V5	243 V DC	
			R B+5	I (R B+5)	666 Ohm 5 mA
		B+5	V3, V4 & B+6	286 V DC	
			R B+6	I (R B+6)	6720 Ohm 3 mA
		B+6	V7	268 V DC	
			R B+7	I (R B+7)	6530 Ohm 6 mA
		B+7	V1 & V2	248 V DC	
		B+8	Heater Elevation	43 V DC	
		B+9	2 <sup>nd</sup> HT winding	217 V DC	
V5	6V6	Pin 3	Anode	Anode Voltage	269 V DC 261 V DC
			R G2	Screen Current	1000 Ohm 4 mA
			Voltage across R G2	Screen Current	4,5 V DC 4 mA
		Pin 4	G2	Screen Voltage	239 V DC 230 VDC
		Pin 5	G1		0 V DC
			R C		164 Ohm
		Pin 8	Cathode	Cathode Current	8,5 V DC 52 mA
				Anode Current	47 mA
				Plate Dissipation	12,3 W 88%
V6	EL95	Pin 5	Anode	Anode Voltage	273 V DC 265 V DC
			R G2	Screen Current	463 Ohm
			Voltage across R G2	Screen Current	1,6 V DC 3 mA
		Pin 6	Screen	Screen Voltage	222 V DC 214 V DC
		Pin 1	G1		1 V DC
			RC		383 Ohm
		Pin 2	Cathode, G3	Cathode Current	8,0 V DC 21 mA
				Anode Current	17 mA
				Plate Dissipation	4,6 W 77%

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V7	EF86	Pin 1	G2	110,0 V DC	
	676	Pin 3	Cathode	1,7 V DC	2 mA
		Pin 6	Anode	124,0 V DC	
		Pin 8	G3	1,7 V DC	
		Pin 9	G1	0,0 V DC	
V4	6N2P	Pin 1	Anode	158 V DC	
		Pin 2	Grid	0 V DC	
	3296	Pin 3	Cathode	1,47 V DC	0 mA
		Pin 6	Anode	217 V DC	
		Pin 7	Grid	0 V DC	
		Pin 8	Cathode	2,64 V DC	
			Tremolo off		
V3	12AU7	Pin 1	Anode	100 V DC	
		Pin 2	Grid	0 V DC	
	1483	Pin 3	Cathode	3,85 V DC	3 mA
		Pin 6	Anode	278 V DC	
		Pin 7	Grid	65 V DC	
	31090	Pin 8	Cathode	117 V DC	4 mA
V2	6N2P	Pin 1	Anode	248 V DC	
		Pin 2	Grid	141 V DC	
		Pin 3	Cathode	140 V DC	
		Pin 6	Anode	140 V DC	
		Pin 7	Grid	0 V DC	
	820	Pin 8	Cathode	0,8 V DC	1 mA
V1	6N2P	Pin 1, 6	Anode	88 V DC	
1	817	Pin 3, 8	Cathode	0,86 V DC	1 mA pT
V1	6N2P	Pin 1, 6	Anode	105 V DC	
2	1205	Pin 3, 8	Cathode	1,14 V DC	0 mA pT
V1	6N2P	Pin 1, 6	Anode	126 V DC	
3	1810	Pin 3, 8	Cathode	1,45 V DC	0 mA pT
V1	6N2P	Pin 1, 6	Anode	138 V DC	
4	2270	Pin 3, 8	Cathode	1,65 V DC	0 mA pT
V1	6N2P	Pin 1, 6	Anode	136 V DC	
5	2206	Pin 3, 8	Cathode	1,62 V DC	0 mA pT
V1	6N2P	Pin 1, 6	Anode	96 V DC	
6	1017	Pin 3, 8	Cathode	1,01 V DC	0 mA pT
V1	6N2P	Pin 1, 6	Anode	87 V DC	
7	799	Pin 3, 8	Cathode	0,85 V DC	1 mA pT
V1	6N2P	Pin 1, 6	Anode	82 V DC	
8	672	Pin 3, 8	Cathode	0,74 V DC	1 mA pT
V1	6N2P	Pin 1, 6	Anode	88 V DC	

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9	820	Pin 3, 8	Cathode	0,87 V DC	1 mA pT
V1	6N2P	Pin 1, 6	Anode	146 V DC	
10	2603	Pin 3, 8	Cathode	1,77 V DC	0 mA pT
V1	6N2P	Pin 1, 6	Anode	154 V DC	
11	3070	Pin 3, 8	Cathode	1,91 V DC	0 mA pT
V1	6N2P	Pin 1, 6	Anode	160 V DC	
12	3456	Pin 3, 8	Cathode	2,02 V DC	0 mA pT