

THE DWAMP

		Measured	Calculated		
		Line		234 V AC	
		Heaters		6,3 V AC	
		Heaters V8		6,3 V AC	
V8	EZ80	Pin 1 Anode		289 V AC	
		Pin 7 Anode		294 V AC	
		Pin 3 Cathode		313 V DC	
		100mA Choke	I Choke	105 Ohm	95,2 mA
		Voltage across choke		9,8 V AC	93,3 mA
HT		B+1 OT V5		303 V DC	
		R B+2	I (R B+2)	327,4 Ohm	45,8 mA
		B+2 B+3 - B+8		288 V DC	
		R B+3	I (R B+3)	329 Ohm	21,3 mA
		B+3 OT V6		281 V DC	
		R B+4	I (R B+4)	9990 Ohm	4,5 mA
		B+4 G2 V5		243 V DC	
		R B+5	I (R B+5)	666 Ohm	9,0 mA
		B+5 V3, V4 & B+6		282 V DC	
		R B+6	I (R B+6)	6720 Ohm	2,5 mA
		B+6 V7		265 V DC	
		R B+7	I (R B+7)	9960 Ohm	5,8 mA
		B+7 V1 & V2		230 V DC	
		B+8 Heater Elevation		43 V DC	
		B+9 2 nd HT winding		221 V DC	
V5	6V6	Pin 3 Anode	Anode Voltage	272 V DC	263,6 V DC
		R G2	Screen Current	1000 Ohm	5,0 mA
		Pin 4 G2	Screen Voltage	238 V DC	229,6 VDC
		Pin 5 G1		0 V DC	
		R C		164 Ohm	
		Pin 8 Cathode	Cathode Current	8,4 V DC	51,2 mA
			Anode Current		46,2 mA
			Plate Dissipation	12,2 W	87%
V6	EL95	Pin 5 Anode	Anode Voltage	272 V DC	263,2 V DC
		R G2	Screen Current	465 Ohm	4,3 mA
		Pin 6 Screen	Screen Voltage	219 V DC	210,2 V DC
		Pin 1 G1		0 V DC	
		RC		355,6 Ohm	
		Pin 2 Cathode, G3	Cathode Current	8,8 V DC	24,7 mA
			Anode Current		20,4 mA
			Plate Dissipation	5,4 W	90%

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V7	EF86	Pin 1	G2	113,0 V DC
		Pin 3	Cathode	1,7 V DC
		Pin 6	Anode	127,0 V DC
		Pin 8	G3	1,7 V DC
		Pin 9	G1	0,0 V DC
V4	6N2P	Pin 1	Anode	148 V DC
		Pin 2	Grid	0 V DC
		Pin 3	Cathode	1,7 V DC
		Pin 6	Anode	170 V DC
		Pin 7	Grid	0 V DC
V3	12AU7	Pin 1	Anode	59 V DC
		Pin 2	Grid	0 V DC
		Pin 3	Cathode	2,3 V DC
		Pin 6	Anode	291 V DC
		Pin 7	Grid	68 V DC
V2	6N2P	Pin 8	Cathode	123 V DC
		Pin 1	Anode	240 V DC
		Pin 2	Grid	134 V DC
		Pin 3	Cathode	134 V DC
		Pin 6	Anode	96 V DC
V1	6N2P	Pin 7	Grid	0 V DC
		Pin 8	Cathode	0,8 V DC
		Pin 1	Anode	148 V DC
		Pin 2	Grid	0 V DC
		Pin 3	Cathode	1,4 V DC
		Pin 6	Anode	111 V DC
		Pin 7	Grid	0 V DC
		Pin 8	Cathode	1,4 V DC