

Conar Model 500 Receiver

Voltages and Resistances

Tube	Pin	Function	Volts	Volts	Ohms	Ohms
V1 6BE6	1	Grid 1	-8.8		22 K	
	2	Cathode/Grid 5	0		0	
	3	Heater	0		0	
	4	Heater	6vac		0.2	
	5	Plate	140		60 K	
	6	Grid2/Grid 4	35		100 K	
	7	Grid 3	0		1	
V2 6BZ6	1	Grid 1	0		11	
	2	Cathode	3.8		1 K	
	3	Heater	0		0	
	4	Heater	6vac		0.2	
	5	Plate	140		60 K	
	6	Grid 2	125		75 K	
	7	Grid 3	3.8		1 K	
V3 6U8A	1	Plate	140		100 K	
	2	Grid 1	0		11	
	3	Grid 2	140		60 K	
	4	Heater	6vac		0.2	
	5	Heater	0		0	
	6	Plate	140		60 K	
	7	Cathode/Grid 3	4.4		2.2 K	
	8	Cathode	105		0	
	9	Grid 1	0		100 K	
V4 6U8A	1	Plate	42		200 K	
	2	Grid 1	0		470 K	
	3	Grid 2	140		60 K	
	4	Heater	6vac		0.2	
	5	Heater	0		0	
	6	Plate	145		60 K	
	7	Cathode/Grid 3	1.7		180	
	8	Cathode	0		0	
	9	Grid 1	-0.5		4.7 M	

Setup for Measurements

Setting	Voltage	Resistance
POWER	ON	OFF
AM/CW	CW	AM
GAIN	MAX	MAX
BAND	80 M	n/a
TUNE	3.5 mHz	n/a