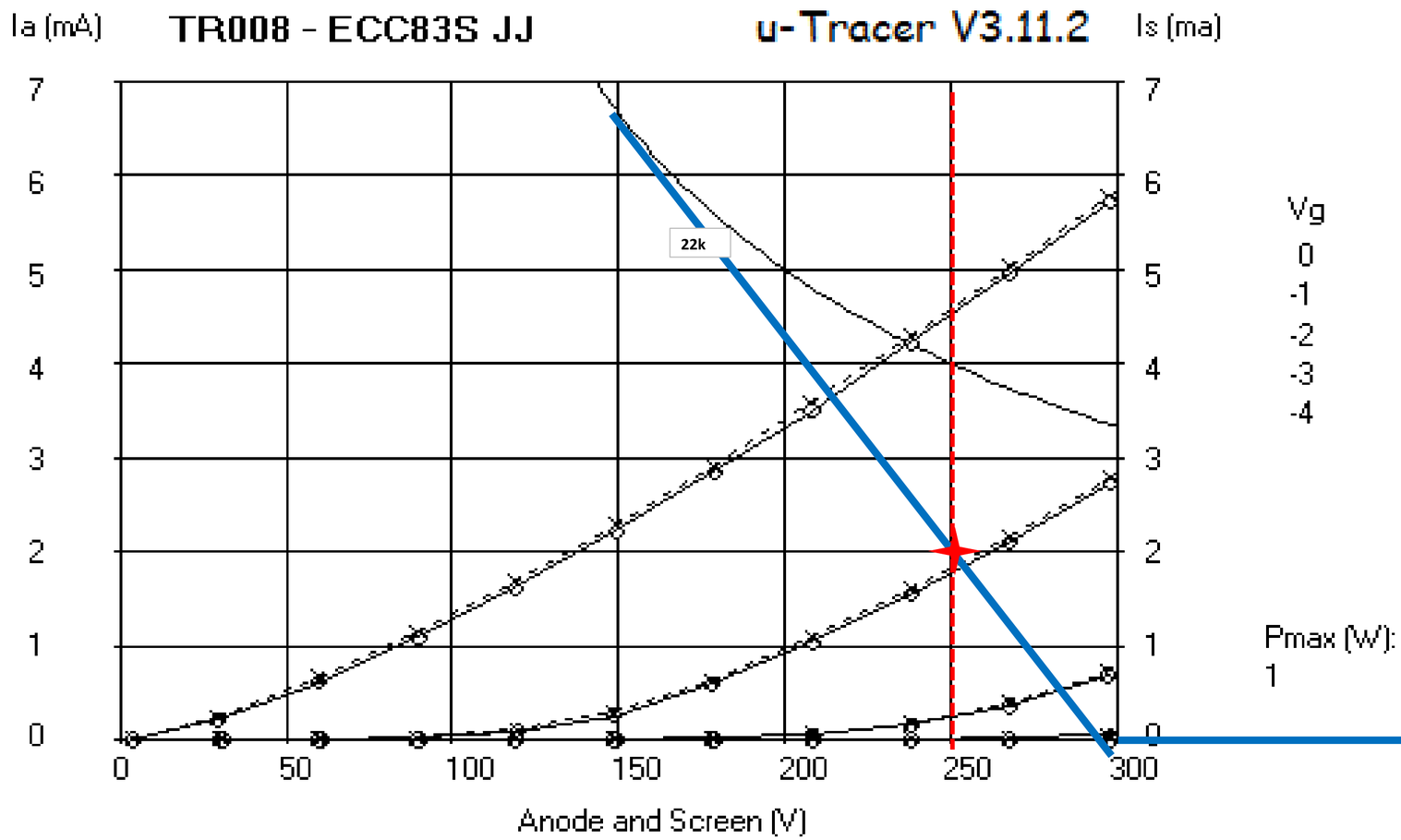


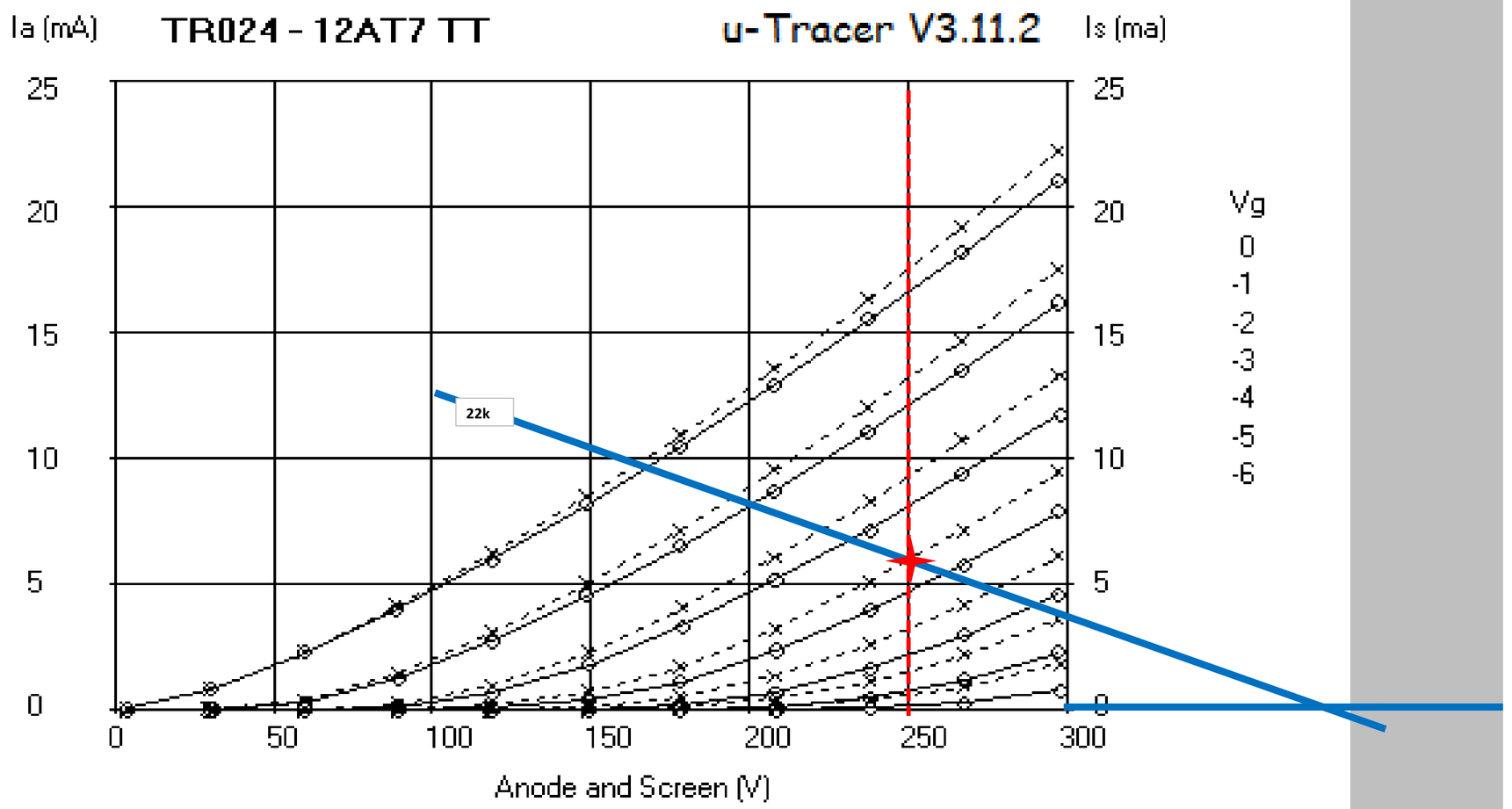
		Ruhe	Max
Pmax?	U	250	215
	Udiff	35	
	Ueff	24.75248	
	Zo	22000	
	Pmax(W)	0.027849	
	Pmax(mW)	27.84932	

Tube filament PT 220V-6V3 / 11K@8R - 2 systems in //

Zo OT	22k	k

BIAS at		
Vg =	-0.9	V
Ia =	2	mA
Is =	0	mA
Power consumption / section		
Plate	3.7	mA
Screen	0	mA
TOTAL	3.7	mA
Overdrive	1.3	
	4.81	mA
Qty sectic	2	
	9.62	**mA**
Zener I	0	mA
DC-Need	**9.62**	**mA**
Factor	1.414	
TRAFO	**14**	**mA**

Ratings	**12AX7**	
Max. Plate	1	W
Max. Screen	0	W
Va	250	V
Ia Max	4.0	mA
Ia bias 90%	3.6	mA
Ia bias 80%	3.2	mA
Vs	200	V
Is Max	0	mA



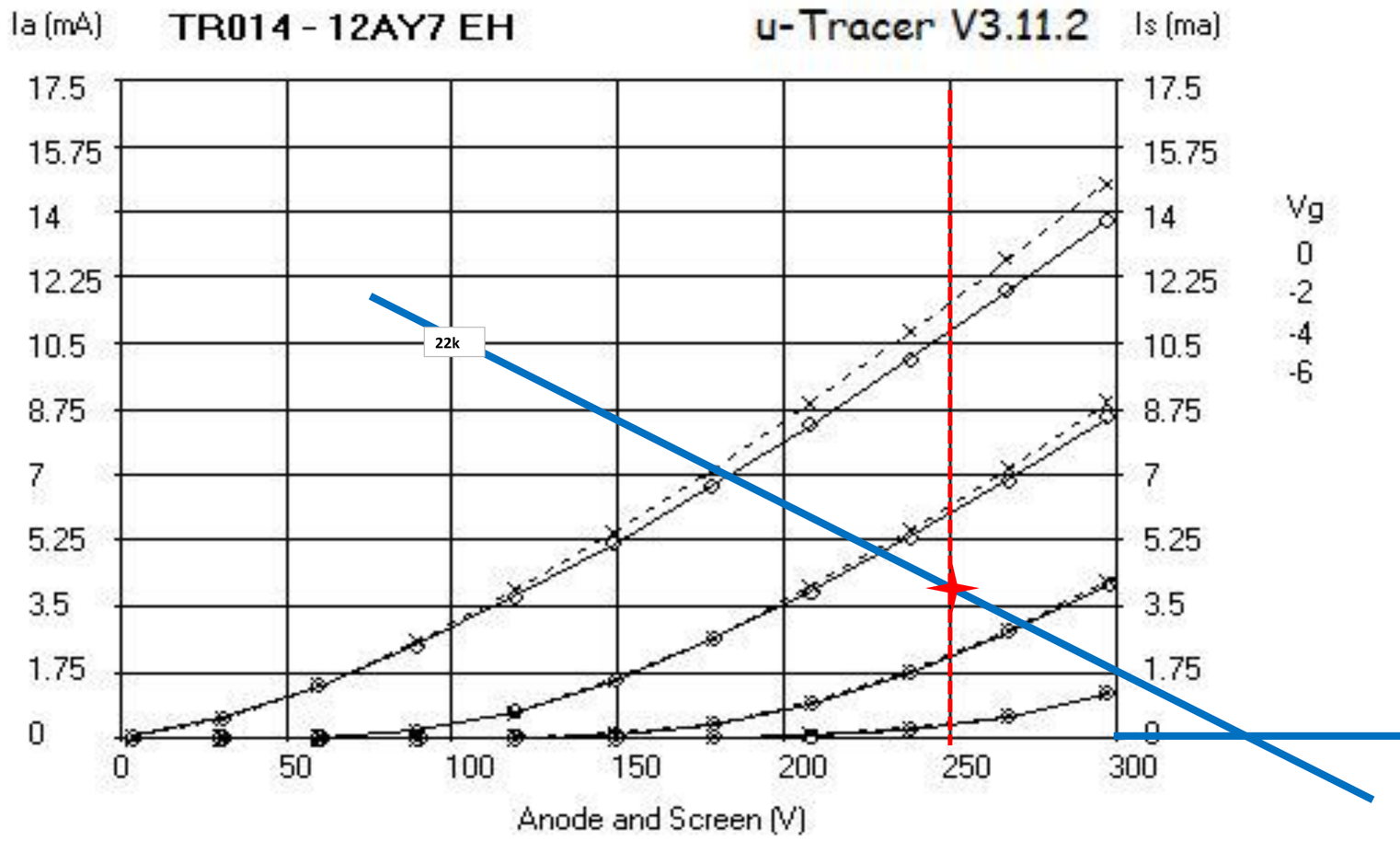
		Ruhe	Max
Pmax?	U	250	160
	Udiff	90	
	Ueff	63.64922	
	Zo	22000	
	Pmax(W)	0.184147	
	Pmax(mW)	184.1465	

Tube filament PT 220V-6V3 / 11K@8R - 2 systems in //

Zo OT	22k	k

BIAS at		
Vg =	-2.6	V
Ia =	6.5	mA
Is =	0	mA
Power consumption / section		
Plate	9.5	mA
Screen	0	mA
TOTAL	9.5	mA
Overdrive	1.3	
	12.35	mA
Qty sectic	1	
	12.35	**mA**
Zener I	0	mA
DC-Need	**12.35**	**mA**
Factor	1.414	
TRAFO	**17**	**mA**

Ratings	**12AT7**	
Max. Plate	2.5	W
Max. Screen	0	W
Va	250	V
Ia Max	10.0	mA
Ia bias 90%	9.0	mA
Ia bias 80%	8.0	mA
Vs	200	V
Is Max	0	mA



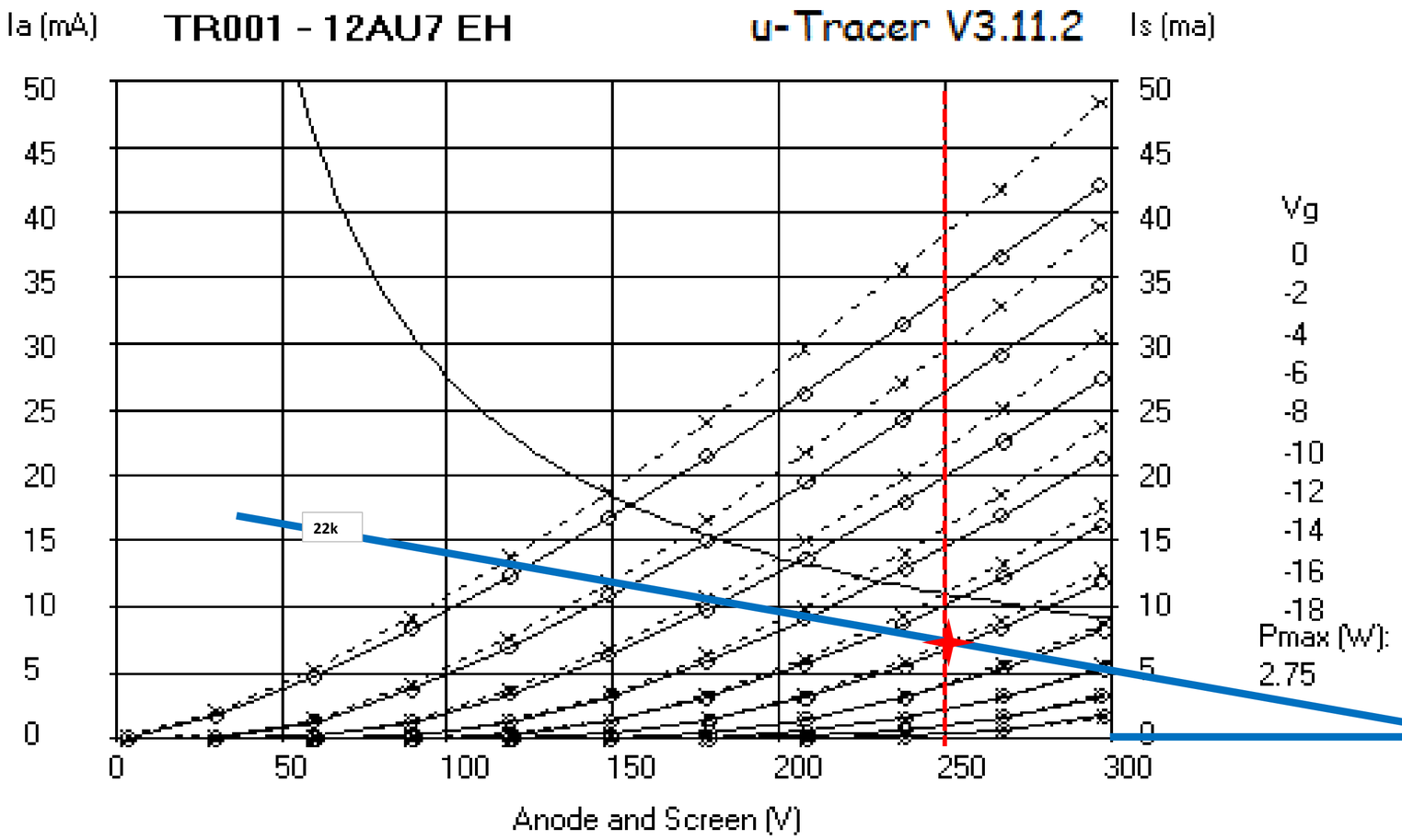
		Ruhe	Max
Pmax?	U	250	180
	Udiff	70	
	Ueff	49.50495	
	Zo	22000	
	Pmax(W)	0.111397	
	Pmax(mW)	111.3973	

Tube filament PT 220V-6V3 / 11K@8R - 2 systems in //

Zo OT	22k	k

BIAS at		
Vg =	-3	V
Ia =	4	mA
Is =	0	mA
Power consumption / section		
Plate	7	mA
Screen	0	mA
TOTAL	7	mA
Overdrive	1.3	
	9.1	mA
Qty sectic	2	
	18.2	**mA**
Zener I	0	mA
DC-Need	**18.2**	**mA**
Factor	1.414	
TRAFO	**26**	**mA**

Ratings	**12AY7**	
Max. Plate	1.5	W
Max. Screen	0	W
Va	250	V
Ia Max	6.0	mA
Ia bias 90%	5.4	mA
Ia bias 80%	4.8	mA
Vs	200	V
Is Max	0	mA



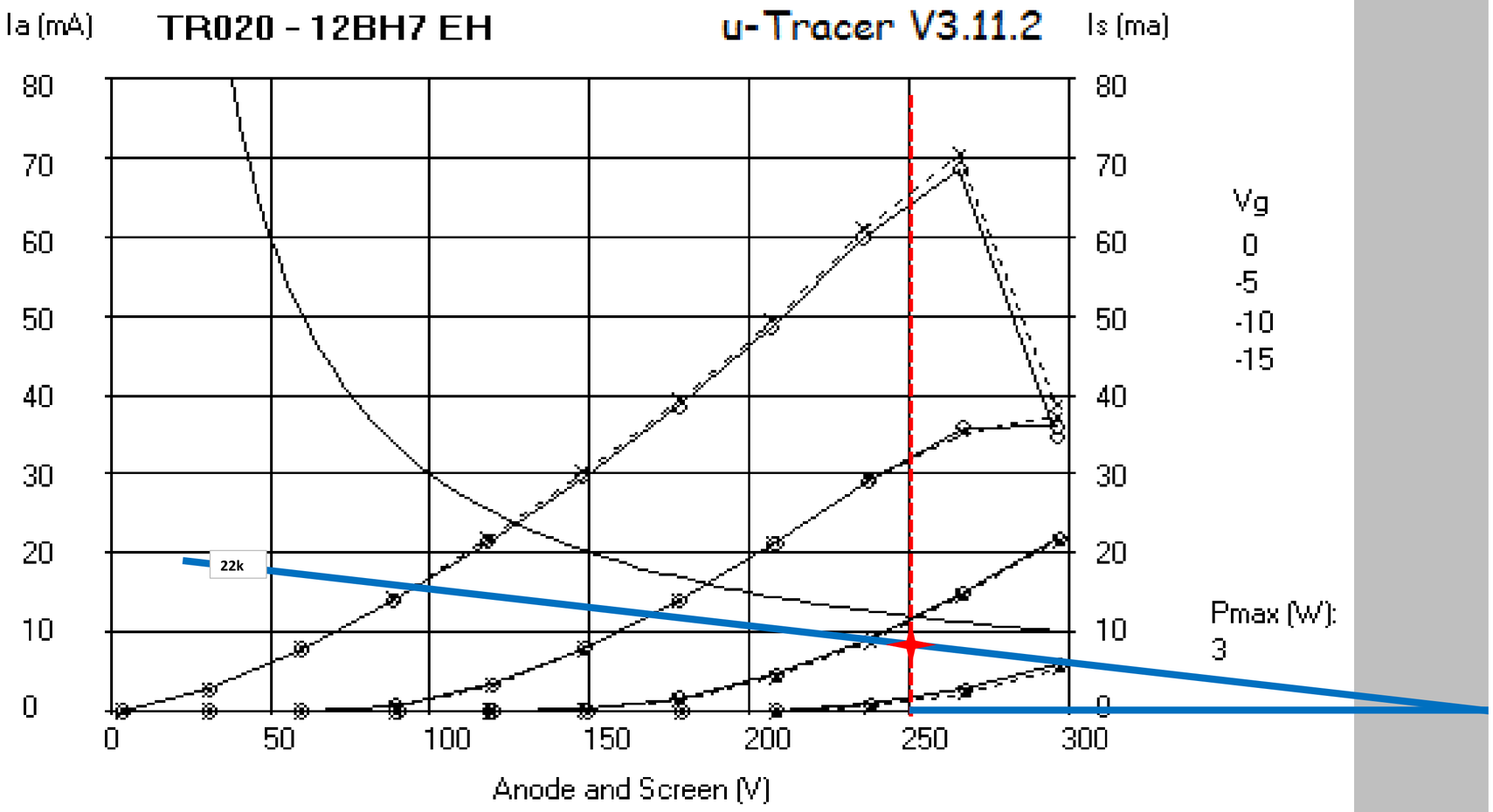
		Ruhe	Max
Pmax?	U	250	120
	Udiff	130	
	Ueff	91.93777	
	Zo	22000	
	Pmax(W)	0.384207	
	Pmax(mW)	384.2069	

Tube filament PT 220V-6V3 / 11K@8R - 2 systems in //

Zo OT	22k	k

BIAS at		
Vg =	-10	V
Ia =	7.5	mA
Is =	0	mA
Power consumption / section		
Plate	13	mA
Screen	0	mA
TOTAL	13	mA
Overdrive	1.3	
	16.9	mA
Qty sectic	2	
	33.8	**mA**
Zener I	0	mA
DC-Need	**33.8**	**mA**
Factor	1.414	
TRAFO	**48**	**mA**

Ratings	**12BH7**	
Max. Plate	2.75	W
Max. Screen	0	W
Va	250	V
Ia Max	11.0	mA
Ia bias 90%	9.9	mA
Ia bias 80%	8.8	mA
Vs	200	V
Is Max	0	mA



		Ruhe	Max	
Pmax?	U	250		95
	Udiff	155		
	Ueff	109.6181		
	Zo	22800		
	Pmax(W)	0.527023		
	Pmax(mW)	527.0232		

Tube filament PT 220V-6V3 / 11K@8R - 2 systems in //

Zo OT	22k	k	

BIAS at		
Vg =	-11	V
Ia =	9	mA
Is =	0	mA
Power consumption / section		
Plate	15	mA
Screen	0	mA
TOTAL	15	mA
Overdrive	1.3	
	19.5	mA
Qty sectic	2	
	39	**mA**
Zener I	0	mA
DC-Need	**39**	**mA**
Factor	1.414	
TRAFO	**55**	**mA**

Ratings	**12BH7**	
Max. Plate	3.5	W
Max. Screen	0	W
Va	250	V
Ia Max	14.0	mA
Ia bias 90%	12.6	mA
Ia bias 80%	11.2	mA
Vs	200	V
Is Max	0	mA