

Toroidy TTG6AS7G PP (5k)

(cathode capacitors of 6N13S increased to 330 uF)

Operating conditions of +Ub = 375 V, Ua = 250 V, Ia = 100 mA Rload = 8 ohms
output tube 6N13S Svetlana

Power / THD at GNFB = 6dB (see schematic)		30 Hz	1 kHz	10 kHz
[Vrms@ 8ohms]	[W]	[%]	[%]	[%]
2,0	0,5	0,21	0,20	0,23
4,0	2,0	0,13	0,11	0,23
6,0	4,5	0,11	0,09	0,33
8,0	8,0	0,23	0,15	0,53
9,0	10,1	0,40	0,29	0,76
10,0	12,5	0,70	0,56	1,08

Freq. response @ 2 W	-1dB	<10 Hz...33,5 kHz	NO GNFB
	-3dB	<10 Hz...55 kHz	
	-1dB	<10 Hz...103 kHz	GNFB=6dB
	-3dB	<10 Hz...120 kHz	

THD vs. Freq @ 10 W	Freq. [Hz]	THD [%]	GNFB=6dB
	20	0,50	
	30	0,41	
	50	0,36	
	100	0,32	
	200	0,32	
	300	0,31	
	1k	0,30	
	3k	0,34	
	10k	0,78	
	20k	1,62	