

Toroidy TTG6AS7G PP (5k)

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

Power / THD GNFB = 6dB (see schematic)	at	30 Hz	1 kHz	10 kHz
[Vrms@ 8ohms]	[W]	[%]	[%]	[%]
2,0	0,5	0,16	0,12	0,12
4,0	2,0	0,16	0,10	0,11
6,0	4,5	0,26	0,15	0,19
8,0	8,0	0,53	0,24	0,38
9,0	10,1	0,77		
10,0	12,5	1,22	0,40	0,78

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	1,11	
		30	0,77	
		50	0,54	
		100	0,39	
		200	0,33	
		300	0,32	
		1k	0,32	
		3k	0,32	
		10k	0,54	
		20k	1,47	