

Frequency analysis

$V_{in} = 6.8 \text{ mV}$ (Transf input... equivalent to about 1 mV input before the input-transformer) and 500 mV (line input). $V_{out} = 7.1 \text{ V}$.

170 KHz = -3dB

83KHz = -1dB

7 Hz = -1dB

4 Hz = -3dB

$V_{in} = 293 \text{ mV}$ (Transf input... equivalent to about 49 mV input before the input transformer) and 3500 mV (line input). Max V_{out} (clipping) = 49V.

150 KHz = -3dB

80KHz = -1dB

7 Hz = -1dB

4 Hz = -3dB



Gain analysis

V_{in} (mV)	$V_{out V1}$ (mV)	Gain V1	$V_{out V2}$ (mV)	Gain V2	$V_{out V4}$ (mV)	Gain V4	Total gain
1	11,6	11,6	164	14,1	150	0,9	150,0
6	71,6	11,9	1000	14,0	954	1,0	159,0
60	715	11,9	10400	14,5	9540	0,9	159,0
293	3500	11,9	48600	13,9	44900	0,9	153,2
500	5800	11,6	68000	11,7	62600	0,9	125,2

