

uFollower-Aikido

FULL OUTPUT WITH FEEDBACK

PREAMP

Harmonic Number	Frequency [Hz]	Fourier Componen	Normalizec Componer	Phase [degree]	Normalized Phase [deg]
1	1.00E+03	2.29E+01	1.00E+00	-178.42°	0.00°
2	2.00E+03	1.46E+00	6.38E-02	85.01°	263.43°
3	3.00E+03	7.77E-01	3.40E-02	-0.16°	178.26°
4	4.00E+03	7.01E-02	3.07E-03	109.08°	287.50°
5	5.00E+03	1.32E-01	5.79E-03	-174.55°	3.87°
6	6.00E+03	5.21E-02	2.28E-03	-68.25°	110.17°
7	7.00E+03	3.24E-02	1.42E-03	-0.59°	177.83°
8	8.00E+03	1.22E-02	5.35E-04	13.29°	191.71°
9	9.00E+03	1.04E-02	4.55E-04	25.04°	203.46°

Total Harmonic Distortion: 7.265416%(7.266015%)

OUTPUT

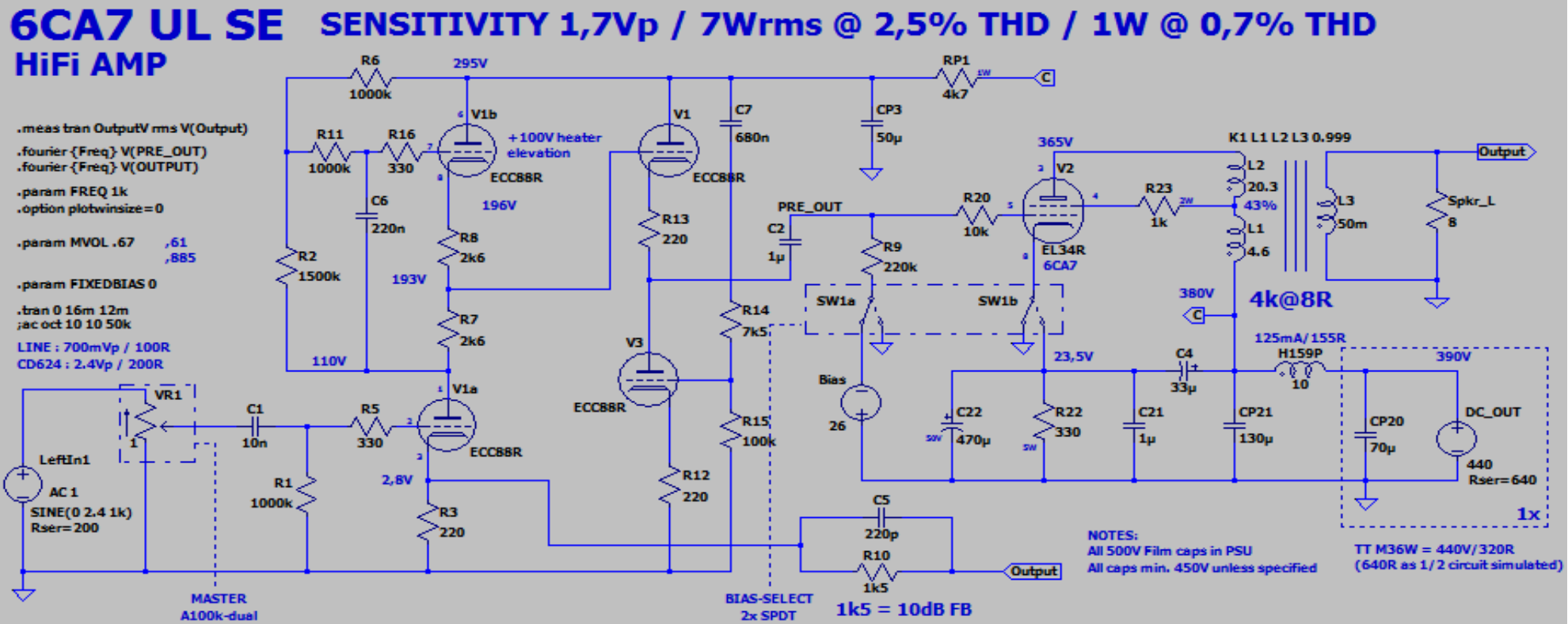
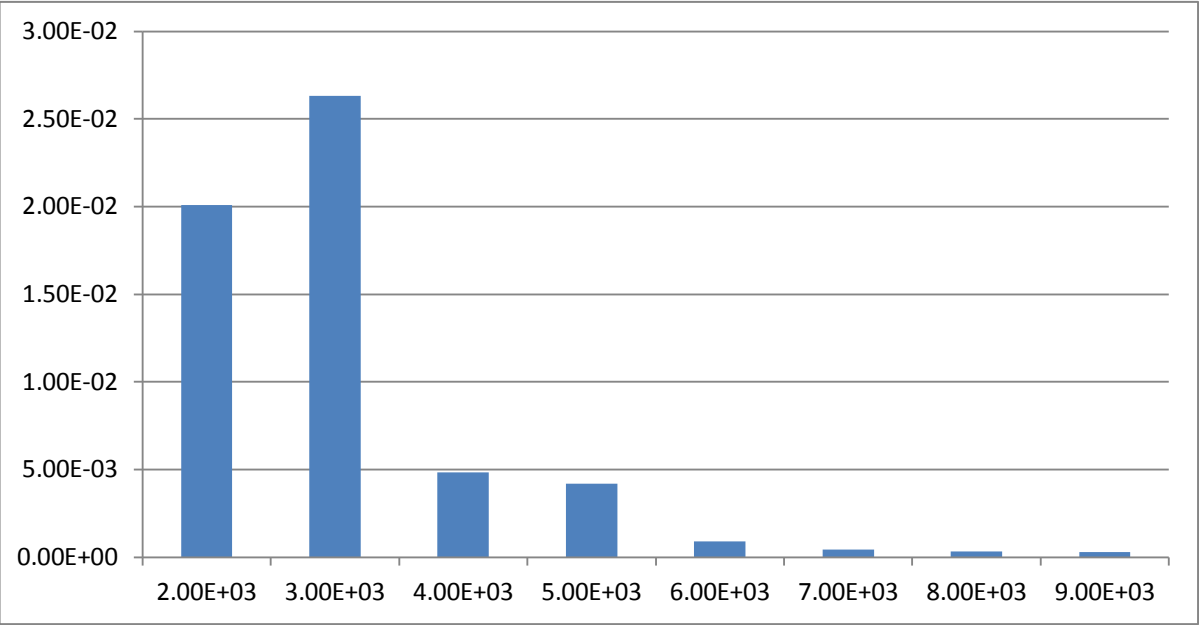
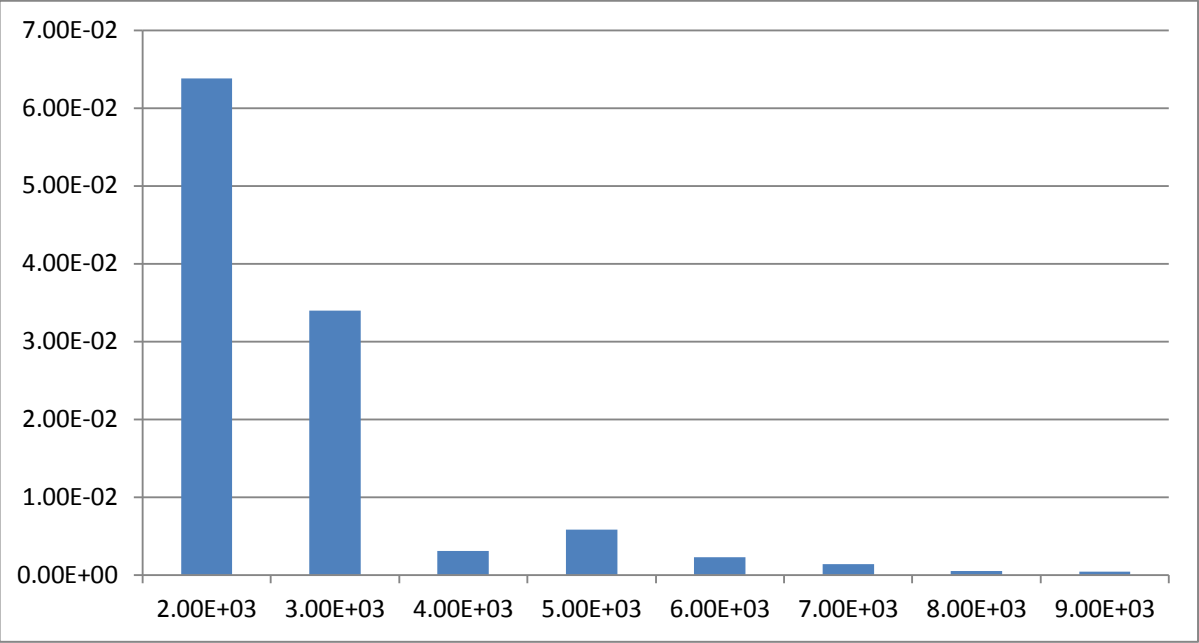
N-Period=1
Fourier components of V(output)
DC component:1.02698

Harmonic Number	Frequency [Hz]	Fourier Componen	Normalizec Componer	Phase [degree]	Normalized Phase [deg]
1	1.00E+03	1.04E+01	1.00E+00	0.46°	0.00°
2	2.00E+03	2.09E-01	2.01E-02	83.71°	83.25°
3	3.00E+03	2.74E-01	2.63E-02	1.39°	0.93°
4	4.00E+03	5.02E-02	4.82E-03	108.48°	108.02°
5	5.00E+03	4.37E-02	4.19E-03	-174.77°	-175.23°
6	6.00E+03	9.51E-03	9.14E-04	-89.98°	-90.44°
7	7.00E+03	4.33E-03	4.16E-04	-7.31°	-7.77°
8	8.00E+03	3.31E-03	3.18E-04	95.59°	95.12°
9	9.00E+03	3.17E-03	3.05E-04	168.49°	168.02°

Total Harmonic Distortion: 3.372242%(3.37597%)

outputv: RMS(v(output))=7.45512 FROM 0 TO 0.004

Cathode Bias



1W WITH FEEDBACK

PREAMP

Harmonic Number	Frequency [Hz]	Fourier Componen	Normalizec Componer	Phase [degree]	Normalized Phase [deg]
1	1.00E+03	7.20E+00	1.00E+00	-178.29°	0.00°
2	2.00E+03	1.72E-01	2.39E-02	85.84°	264.13°
3	3.00E+03	6.53E-03	9.07E-04	-22.39°	155.90°
4	4.00E+03	4.67E-03	6.48E-04	-13.58°	164.71°
5	5.00E+03	1.09E-03	1.51E-04	-43.21°	135.08°
6	6.00E+03	3.89E-03	5.40E-04	-25.46°	152.84°
7	7.00E+03	2.45E-03	3.39E-04	-1.54°	176.75°
8	8.00E+03	2.64E-03	3.66E-04	-16.28°	162.02°
9	9.00E+03	2.22E-03	3.08E-04	2.44°	180.74°

Total Harmonic Distortion: 2.395259%(2.396898%)

OUTPUT

N-Period=1
Fourier components of V(output)
DC component:0.294148

Harmonic Number	Frequency [Hz]	Fourier Componen	Normalizec Componer	Phase [degree]	Normalized Phase [deg]
1	1.00E+03	3.99E+00	1.00E+00	0.31°	0.00°
2	2.00E+03	5.02E-03	1.26E-03	100.71°	100.40°
3	3.00E+03	1.25E-02	3.13E-03	1.04°	0.73°
4	4.00E+03	1.03E-03	2.58E-04	148.43°	148.12°
5	5.00E+03	1.00E-03	2.52E-04	6.06°	5.75°
6	6.00E+03	8.64E-04	2.17E-04	130.16°	129.85°
7	7.00E+03	2.15E-04	5.39E-05	173.61°	173.29°
8	8.00E+03	4.67E-04	1.17E-04	148.47°	148.15°
9	9.00E+03	3.66E-04	9.18E-05	-179.42°	-179.73°

Total Harmonic Distortion: 0.340347%(0.343104%)

outputv: RMS(v(output))=2.83333 FROM 0 TO 0.004

Cathode Bias

