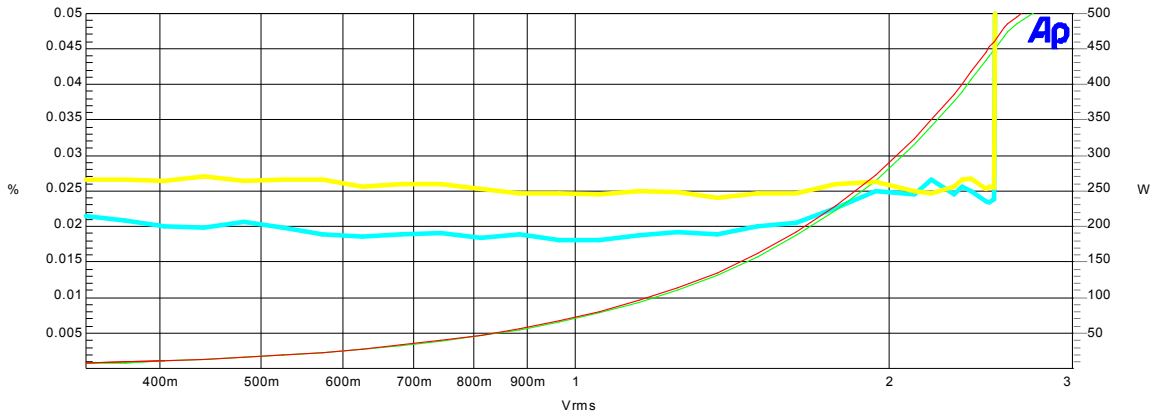


Color	Line Style	Thick	Data	Axis
Cyan	Solid	4	Anr.TH D+N Ratio	Left
Green	Solid	1	Anr.Level A	Right
Yellow	Solid	4	Anr.TH D+N Ratio	Left

Frequency Response from 20k to 20 Hz. F4 first to set 0 dB at 1kHz. The 2 Ch Ampl Function Reading meter BW is set to <10 Hz >500kHz so the bandwidth is the same as the Level meter. Optimize for detail.

	0 = Gen.Ampl	1 = Anlr.THD+N F	2 = Anlr.Level A	3 = Anlr.THD+N F	4 = Anlr.Level B
0	340.0 mVrms	0.01336 %	4.187 W	0.01501 %	4.285 W
1	370.9 mVrms	0.01280 %	4.984 W	0.01486 %	5.098 W
2	404.6 mVrms	0.01225 %	5.926 W	0.01463 %	6.063 W
3	441.6 mVrms	0.01170 %	7.056 W	0.01412 %	7.209 W
4	481.8 mVrms	0.01158 %	8.389 W	0.01400 %	8.575 W
5	525.6 mVrms	0.01122 %	9.969 W	0.01381 %	10.20 W
6	573.4 mVrms	0.01081 %	11.90 W	0.01372 %	12.17 W
7	625.5 mVrms	0.01123 %	14.17 W	0.01339 %	14.48 W
8	682.5 mVrms	0.01090 %	16.87 W	0.01379 %	17.19 W
9	744.6 mVrms	0.01055 %	20.03 W	0.01374 %	20.46 W
10	812.3 mVrms	0.01017 %	23.91 W	0.01358 %	24.41 W
11	886.2 mVrms	0.01004 %	28.32 W	0.01292 %	28.97 W
12	.9670 Vrms	0.00984 %	33.67 W	0.01312 %	34.49 W
13	1.055 Vrms	0.00980 %	40.16 W	0.01299 %	41.13 W
14	1.151 Vrms	0.00971 %	47.83 W	0.01278 %	48.98 W
15	1.256 Vrms	0.00955 %	56.94 W	0.01301 %	58.39 W
16	1.370 Vrms	0.00968 %	67.52 W	0.01270 %	69.15 W
17	1.495 Vrms	0.00997 %	80.53 W	0.01259 %	82.43 W
18	1.631 Vrms	0.00964 %	95.94 W	0.01276 %	98.26 W
19	1.779 Vrms	0.00955 %	113.6 W	0.01290 %	116.4 W
20	1.941 Vrms	0.01004 %	135.4 W	0.01288 %	138.5 W
21	2.117 Vrms	0.01057 %	161.1 W	0.01298 %	164.7 W
22	2.200 Vrms	0.01074 %	174.0 W	0.01323 %	178.0 W
23	2.310 Vrms	0.01095 %	191.8 W	0.01330 %	196.3 W
24	2.350 Vrms	0.01111 %	198.6 W	0.01342 %	203.3 W
25	2.400 Vrms	0.01139 %	206.9 W	0.01314 %	212.1 W
26	2.480 Vrms	0.01170 %	221.1 W	0.01322 %	226.6 W
27	2.500 Vrms	0.01160 %	225.1 W	0.01327 %	230.3 W
28	2.520 Vrms	0.01168 %	228.3 W	0.01334 %	233.7 W
29	2.580 Vrms	0.01156 %	239.6 W	0.01382 %	244.8 W
30	2.600 Vrms	0.01211 %	243.0 W	0.01355 %	248.8 W
31	2.650 Vrms	0.12885 %	252.8 W	0.17011 %	257.9 W
32	2.750 Vrms	1.05220 %	268.2 W	1.15972 %	274.5 W
33	3.000 Vrms	4.66270 %	297.1 W	4.80629 %	303.0 W

The above graph and table are the THD values for The Deuce both channels driven into 4 ohm at 12v battery supply. As can be seen from the table the distortion at clip (1%) is at a power level of about 270w per channel.

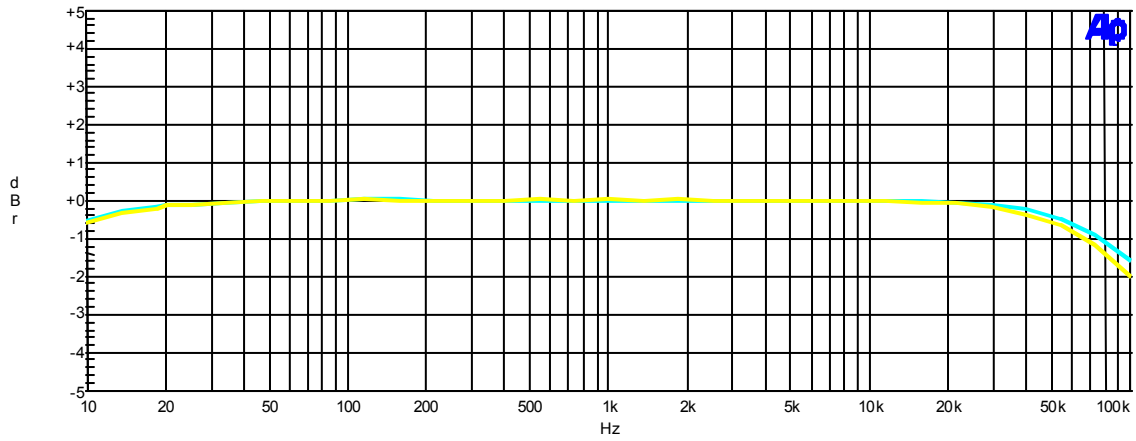


Color	Line Style	Thick	Data	Axis
Cyan	Solid	4	Anlr.THd+N Ratio	Left
Green	Solid	1	Anlr.Level A	Right
Yellow	Solid	4	Anlr.THd+N Ratio	Left

Frequency Response from 20k to 20 Hz. F4 first to set 0 dB at 1kHz. The 2 Ch Ampl Function Reading meter BW is set to <10 Hz >500kHz so the bandwidth is the same as the Level meter. Optimize for detail.

	0 = Gen.Ampl	1 = Anlr.THD+N F	2 = Anlr.Level A	3 = Anlr.THD+N F	4 = Anlr.Level B
0	340.0 mVrms	0.02149 %	8.213 W	0.02665 %	8.427 W
1	370.9 mVrms	0.02083 %	9.762 W	0.02666 %	10.02 W
2	404.6 mVrms	0.02010 %	11.63 W	0.02645 %	11.94 W
3	441.6 mVrms	0.01986 %	13.81 W	0.02707 %	14.18 W
4	481.8 mVrms	0.02081 %	16.43 W	0.02651 %	16.87 W
5	525.6 mVrms	0.01987 %	19.52 W	0.02668 %	20.08 W
6	573.4 mVrms	0.01894 %	23.28 W	0.02659 %	23.94 W
7	625.5 mVrms	0.01870 %	27.68 W	0.02570 %	28.47 W
8	682.5 mVrms	0.01900 %	32.95 W	0.02597 %	33.81 W
9	744.6 mVrms	0.01906 %	39.36 W	0.02601 %	40.35 W
10	812.3 mVrms	0.01848 %	46.95 W	0.02537 %	47.97 W
11	886.2 mVrms	0.01889 %	55.37 W	0.02466 %	57.06 W
12	.9670 Vrms	0.01817 %	66.01 W	0.02473 %	67.93 W
13	1.055 Vrms	0.01823 %	78.63 W	0.02461 %	80.80 W
14	1.151 Vrms	0.01889 %	93.91 W	0.02507 %	96.36 W
15	1.256 Vrms	0.01930 %	111.6 W	0.02494 %	114.7 W
16	1.370 Vrms	0.01893 %	132.6 W	0.02410 %	136.1 W
17	1.495 Vrms	0.02014 %	157.9 W	0.02478 %	163.0 W
18	1.631 Vrms	0.02052 %	187.8 W	0.02475 %	193.3 W
19	1.779 Vrms	0.02258 %	222.8 W	0.02600 %	229.3 W
20	1.941 Vrms	0.02502 %	265.5 W	0.02635 %	273.2 W
21	2.117 Vrms	0.02450 %	316.4 W	0.02498 %	324.5 W
22	2.200 Vrms	0.02664 %	341.2 W	0.02475 %	351.3 W
23	2.310 Vrms	0.02464 %	376.3 W	0.02574 %	386.5 W
24	2.350 Vrms	0.02564 %	389.7 W	0.02670 %	400.4 W
25	2.400 Vrms	0.02510 %	406.6 W	0.02682 %	417.9 W
26	2.480 Vrms	0.02363 %	433.9 W	0.02530 %	445.6 W
27	2.500 Vrms	0.02343 %	441.0 W	0.02576 %	453.2 W
28	2.520 Vrms	0.02391 %	448.2 W	0.02556 %	460.1 W
29	2.580 Vrms	0.41532 %	467.9 W	0.47998 %	480.4 W
30	2.600 Vrms	0.75961 %	473.7 W	0.80867 %	486.0 W
31	2.650 Vrms	1.70733 %	485.2 W	1.85204 %	495.5 W
32	2.750 Vrms	3.68164 %	500.7 W	3.88480 %	512.1 W
33	3.000 Vrms	8.1439 %	526.4 W	8.2010 %	539.3 W

The above graph and table are for the amplifier driven into 2 ohms both channels driven at a 12v battery supply. As can be seen from the table the output power at 0.8% (near clipping) is over 480 watts per channel.



Color	LineStyle	Thick	Data	Axis
Cyan	Solid	1	AnlrAmpl	Left
Yellow	Solid	1	AnlrAmpl	Left

Frequency Response from 20k to 20 Hz. F4 first to set 0dB at 1kHz. The 2 Ch Ampl Function Reading meter BW is set to <10 Hz >500kHz so the bandwidth is the same as the Level meter. Optimize for detail.

FREQ-RESPONSE at1

	0 = Gen.Freq	1 = Anlr.Ampl	2 = Anlr.Ampl
0	100.000 kHz	-1.577 dBr	-2.023 dBr
1	73.5750 kHz	-0.886 dBr	-1.162 dBr
2	54.1250 kHz	-0.472 dBr	-0.650 dBr
3	39.8000 kHz	-0.243 dBr	-0.355 dBr
4	29.2750 kHz	-0.118 dBr	-0.192 dBr
5	21.5500 kHz	-0.050 dBr	-0.103 dBr
6	15.8500 kHz	-0.018 dBr	-0.050 dBr
7	11.6600 kHz	-0.009 dBr	-0.023 dBr
8	8.57750 kHz	-0.003 dBr	-0.009 dBr
9	6.31000 kHz	+0.006 dBr	+0.003 dBr
10	4.64250 kHz	+0.009 dBr	+0.012 dBr
11	3.41500 kHz	+0.015 dBr	+0.015 dBr
12	2.51250 kHz	+0.015 dBr	+0.015 dBr
13	1.84775 kHz	+0.015 dBr	+0.020 dBr
14	1.35925 kHz	+0.012 dBr	+0.015 dBr
15	1.00000 kHz	+0.012 dBr	+0.018 dBr
16	735.750 Hz	+0.015 dBr	+0.012 dBr
17	541.250 Hz	+0.012 dBr	+0.018 dBr
18	398.000 Hz	+0.012 dBr	+0.015 dBr
19	292.750 Hz	+0.012 dBr	+0.012 dBr
20	215.500 Hz	+0.003 dBr	+0.012 dBr
21	158.500 Hz	+0.020 dBr	+0.012 dBr
22	116.600 Hz	+0.018 dBr	+0.020 dBr
23	85.7750 Hz	+0.012 dBr	+0.015 dBr
24	63.1000 Hz	-0.025 dBr	-0.018 dBr
25	46.4250 Hz	-0.026 dBr	-0.029 dBr
26	34.1500 Hz	-0.068 dBr	-0.056 dBr
27	25.1250 Hz	-0.108 dBr	-0.107 dBr
28	20.0000 Hz	-0.108 dBr	-0.107 dBr
29	18.4750 Hz	-0.193 dBr	-0.200 dBr
30	13.6000 Hz	-0.314 dBr	-0.330 dBr
31	10.0000 Hz	-0.544 dBr	-0.582 dBr

The above graph and table is the frequency response at 200w per channel into 4 ohms

The crossovers in The Deuce are the same as those in Draconia so I did not bother to plot their response.