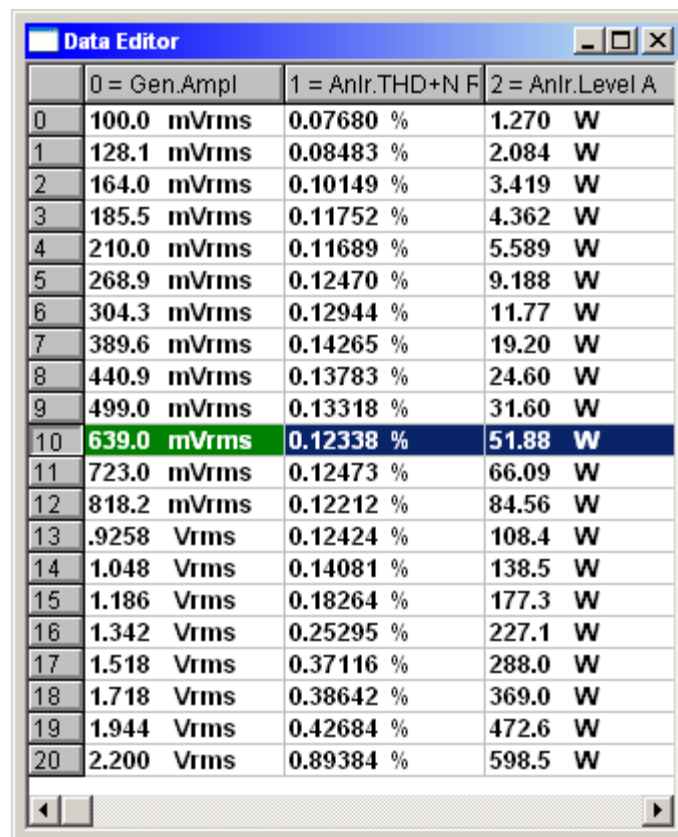


EAR 529 AMPLIFIER 1

ALL MEASUREMENTS TAKEN AT A LINE VOLTAGE OF 208 volts

THE AMPLIFIER IS WIRED FOR 220 volts SO THE POWER SPECIFICATIONS ARE LOWER THAN WHAT WILL OCCUR AT THE 220 volt LINE.

TYPICAL OUTPUT WITH A 220 volt LINE WILL BE ABOUT 670 WATTS



	0 = Gen.Ampl	1 = Anlr.THd+N F	2 = Anlr.Level A
0	100.0 mVrms	0.07680 %	1.270 W
1	128.1 mVrms	0.08483 %	2.084 W
2	164.0 mVrms	0.10149 %	3.419 W
3	185.5 mVrms	0.11752 %	4.362 W
4	210.0 mVrms	0.11689 %	5.589 W
5	268.9 mVrms	0.12470 %	9.188 W
6	304.3 mVrms	0.12944 %	11.77 W
7	389.6 mVrms	0.14265 %	19.20 W
8	440.9 mVrms	0.13783 %	24.60 W
9	499.0 mVrms	0.13318 %	31.60 W
10	639.0 mVrms	0.12338 %	51.88 W
11	723.0 mVrms	0.12473 %	66.09 W
12	818.2 mVrms	0.12212 %	84.56 W
13	.9258 Vrms	0.12424 %	108.4 W
14	1.048 Vrms	0.14081 %	138.5 W
15	1.186 Vrms	0.18264 %	177.3 W
16	1.342 Vrms	0.25295 %	227.1 W
17	1.518 Vrms	0.37116 %	288.0 W
18	1.718 Vrms	0.38642 %	369.0 W
19	1.944 Vrms	0.42684 %	472.6 W
20	2.200 Vrms	0.89384 %	598.5 W

OUTPUT POWER INTO 8 OHMS AT 2KHz

	0 = Gen.Ampl	1 = Anlr.THd+N F	2 = Anlr.Level
5	175.2 mVrms	0.10527 %	3.847 W
6	196.0 mVrms	0.11312 %	4.810 W
7	219.2 mVrms	0.12030 %	6.017 W
8	245.2 mVrms	0.12744 %	7.531 W
9	274.3 mVrms	0.13379 %	9.435 W
10	306.9 mVrms	0.13976 %	11.80 W
11	343.3 mVrms	0.14491 %	14.70 W
12	384.1 mVrms	0.15041 %	18.42 W
13	429.7 mVrms	0.15658 %	23.04 W
14	480.6 mVrms	0.16036 %	28.83 W
15	537.6 mVrms	0.16280 %	36.10 W
16	601.4 mVrms	0.16610 %	45.13 W
17	672.9 mVrms	0.16960 %	56.28 W
18	752.6 mVrms	0.16976 %	70.28 W
19	842.0 mVrms	0.17558 %	87.94 W
20	.9419 Vrms	0.19598 %	110.1 W
21	1.054 Vrms	0.22677 %	137.2 W
22	1.179 Vrms	0.39739 %	172.0 W
23	1.319 Vrms	0.30933 %	214.7 W
24	1.475 Vrms	0.36843 %	268.9 W
25	1.650 Vrms	1.25062 %	332.8 W

OUTPUT POWER INTO 8 OHMS AT 50Hz

	0 = Gen.Ampl	1 = Anlr.THd+N F	2 = Anlr.Level
2	125.1 mVrms	0.05956 %	1.945 W
3	140.0 mVrms	0.05908 %	2.437 W
4	156.6 mVrms	0.05995 %	3.053 W
5	175.2 mVrms	0.06372 %	3.812 W
6	196.0 mVrms	0.06222 %	4.766 W
7	219.2 mVrms	0.06244 %	5.968 W
8	245.2 mVrms	0.06398 %	7.476 W
9	274.3 mVrms	0.06570 %	9.345 W
10	306.9 mVrms	0.06694 %	11.74 W
11	343.3 mVrms	0.07228 %	14.55 W
12	384.1 mVrms	0.07179 %	18.25 W
13	429.7 mVrms	0.07261 %	22.85 W
14	480.6 mVrms	0.07671 %	28.61 W
15	537.6 mVrms	0.08429 %	35.80 W
16	601.4 mVrms	0.09795 %	44.81 W
17	672.9 mVrms	0.13318 %	55.91 W
18	752.6 mVrms	0.16810 %	69.95 W
19	842.0 mVrms	0.22772 %	87.56 W
20	.9419 Vrms	0.30927 %	109.3 W
21	1.054 Vrms	0.39633 %	137.0 W
22	1.179 Vrms	0.54002 %	170.8 W
23	1.319 Vrms	0.94586 %	213.8 W
24	1.475 Vrms	3.09221 %	265.5 W
25	1.650 Vrms	3.68447 %	331.3 W

OUTPUT POWER INTO 8 OHMS AT 10KHz

	0 = Gen.Freq	1 = Anlr.Ampl
0	65.0000 kHz	-2.337 dBr
1	49.6500 kHz	-1.603 dBr
2	37.9250 kHz	-1.071 dBr
3	28.9500 kHz	-0.700 dBr
4	22.1250 kHz	-0.458 dBr
5	16.8900 kHz	-0.292 dBr
6	12.8975 kHz	-0.191 dBr
7	9.85000 kHz	-0.129 dBr
8	7.52250 kHz	-0.088 dBr
9	5.74500 kHz	-0.057 dBr
10	4.38750 kHz	-0.040 dBr
11	3.35250 kHz	-0.023 dBr
12	2.56000 kHz	-0.013 dBr
13	1.95475 kHz	-0.006 dBr
14	1.49300 kHz	-0.003 dBr
15	1.14025 kHz	+0.001 dBr
16	870.750 Hz	+0.004 dBr
17	665.000 Hz	+0.008 dBr
18	508.000 Hz	+0.008 dBr
19	388.000 Hz	+0.008 dBr
20	296.250 Hz	+0.004 dBr
21	226.250 Hz	+0.001 dBr
22	172.800 Hz	-0.013 dBr
23	131.975 Hz	+0.024 dBr
24	100.775 Hz	+0.004 dBr
25	76.9750 Hz	-0.003 dBr
26	58.7750 Hz	-0.048 dBr
27	44.9000 Hz	-0.069 dBr
28	34.3000 Hz	-0.100 dBr
29	26.1750 Hz	-0.142 dBr
30	20.0000 Hz	-0.242 dBr

FREQUENCY RESPONSE AT 10 WATT INTO 8 OHM