

RELATION BETWEEN DB AND POWER RATIO - GAINS

DB	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
0	1.00	1.02	1.05	1.07	1.10	1.12	1.15	1.17	1.20	1.23
1	1.26	1.29	1.32	1.35	1.38	1.41	1.45	1.48	1.51	1.55
2	1.58	1.62	1.66	1.70	1.74	1.78	1.82	1.86	1.91	1.95
3	2.00	2.04	2.09	2.14	2.19	2.24	2.29	2.34	2.40	2.45
4	2.51	2.57	2.63	2.69	2.75	2.82	2.88	2.95	3.02	3.09
5	3.16	3.24	3.31	3.39	3.47	3.55	3.63	3.72	3.80	3.89
6	3.98	4.07	4.17	4.27	4.37	4.47	4.57	4.68	4.79	4.90
7	5.01	5.13	5.25	5.37	5.50	5.62	5.75	5.89	6.03	6.17
8	6.31	6.46	6.61	6.76	6.92	7.08	7.24	7.41	7.59	7.76
9	7.94	8.13	8.32	8.51	8.71	8.91	9.12	9.33	9.55	9.77
10	10.0	10.2	10.5	10.7	11.0	11.2	11.5	11.7	12.0	12.3
11	12.6	12.9	13.2	13.5	13.8	14.1	14.5	14.8	15.1	15.5
12	15.8	16.2	16.6	17.0	17.4	17.8	18.2	18.6	19.1	19.5
13	20.0	20.4	20.9	21.4	21.9	22.4	22.9	23.4	24.0	24.5
14	25.1	25.7	26.3	26.9	27.5	28.2	28.8	29.5	30.2	30.9
15	31.6	32.4	33.1	33.9	34.7	35.5	36.3	37.2	38.0	38.9
16	39.8	40.7	41.7	42.7	43.7	44.7	45.7	46.8	47.9	49.0
17	50.1	51.3	52.5	53.7	55.0	56.2	57.5	58.9	60.3	61.7
18	63.1	64.6	66.1	67.6	69.2	70.8	72.4	74.1	75.9	77.6
19	79.4	81.3	83.2	85.1	87.1	89.1	91.2	93.3	95.5	97.7
20	100	102	105	107	110	112	115	117	120	123
21	126	129	132	135	138	141	145	148	151	155
22	158	162	166	170	174	178	182	186	191	195
23	200	204	209	214	219	224	229	234	240	245
24	251	257	263	269	275	282	288	295	302	309
25	316	324	331	339	347	355	363	372	380	389
26	398	407	417	427	437	447	457	468	479	490
27	501	513	525	537	550	562	575	589	603	617
28	631	646	661	676	692	708	724	741	759	776
29	794	813	832	851	871	891	912	933	955	977
30	1000	1020	1050	1070	1110	1120	1150	1170	1200	1230
31	1260	1290	1320	1350	1380	1410	1450	1480	1510	1550
32	1580	1620	1660	1700	1740	1780	1820	1860	1910	1950
33	2000	2040	2090	2140	2190	2240	2290	2340	2400	2450
34	2510	2570	2630	2690	2750	2820	2880	2950	3020	3090
35	3160	3240	3310	3390	3470	3550	3630	3720	3800	3890
36	3980	4070	4170	4270	4370	4470	4570	4680	4790	4900
37	5010	5130	5250	5370	5500	5620	5750	5890	6030	6170
38	6310	6460	6610	6760	6920	7080	7240	7410	7590	7760
39	7940	8130	8320	8510	8710	8910	9120	9330	9550	9770
40	10 000	DB = 10 Log <sub>10</sub> Power Ratio								
50	100 000									
60	1 000 000									
70	10 000 000									
80	100 000 000									
90	1 000 000 000									
100	10 000 000 000									

